

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115105.D
 Acq On : 22 Jun 2019 3:36
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 05:00:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	237364	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	984428	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	484589	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	937513	20.00	ng	0.00
76) Chrysene-d12	13.74	240	681023	20.00	ng	0.00
87) Perylene-d12	15.11	264	802195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1246253	81.02	ng	0.00
7) Phenol-d6	6.25	99	1527065	81.79	ng	0.00
23) Nitrobenzene-d5	7.18	82	1336981	83.55	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	436802	85.48	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2372468	83.16	ng	0.00
79) Terphenyl-d14	12.71	244	2597177	81.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	292723	40.324	ng	99
3) Pyridine	2.84	79	828156	40.476	ng	99
4) n-Nitrosodimethylamine	2.79	42	318447	39.702	ng	100
6) Aniline	6.28	93	1050398	40.937	ng	100
8) 2-Chlorophenol	6.40	128	725120	41.925	ng	98
9) Benzaldehyde	6.15	77	517390	42.478	ng	99
10) Phenol	6.27	94	873938	39.963	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	671063	41.628	ng	98
12) 1,3-Dichlorobenzene	6.55	146	793510	41.339	ng	99
13) 1,4-Dichlorobenzene	6.63	146	801719	41.651	ng	99
14) 1,2-Dichlorobenzene	6.79	146	744071	41.743	ng	97
15) Benzyl Alcohol	6.76	79	553277	40.698	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	964215	41.240	ng	100
17) 2-Methylphenol	6.88	107	581207	40.711	ng	99
18) Hexachloroethane	7.13	117	289010	41.648	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	482970	40.408	ng	98
20) 3+4-Methylphenols	7.03	107	673996	40.886	ng	88
22) Acetophenone	7.03	105	900839	39.972	ng	# 99
24) Nitrobenzene	7.20	77	734491	41.661	ng	98
25) Isophorone	7.44	82	1324558	40.404	ng	99
26) 2-Nitrophenol	7.51	139	387945	44.558	ng	96
27) 2,4-Dimethylphenol	7.56	122	585053	41.041	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	845912	40.826	ng	98
29) 2,4-Dichlorophenol	7.75	162	608180	41.341	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	684015	42.094	ng	99
31) Naphthalene	7.92	128	1998252	41.352	ng	100
32) Benzoic acid	7.69	122	441866	43.425	ng	98
33) 4-Chloroaniline	7.97	127	897334	40.631	ng	97
34) Hexachlorobutadiene	8.05	225	377182	42.357	ng	99
35) Caprolactam	8.35	113	194886	39.403	ng	97
36) 4-Chloro-3-methylphenol	8.45	107	603590	40.514	ng	96
37) 2-Methylnaphthalene	8.61	142	1344562	41.267	ng	98
38) 1-Methylnaphthalene	8.71	142	1292646	41.540	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	575108	41.998	ng	100

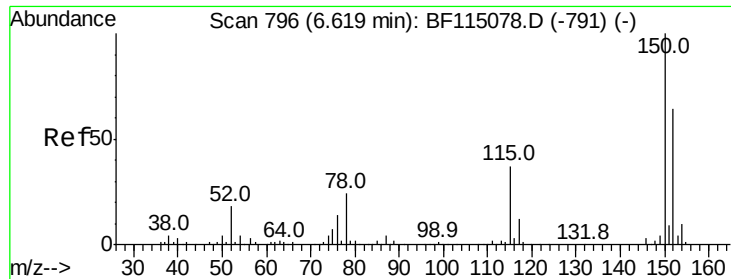
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115105.D
 Acq On : 22 Jun 2019 3:36
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 22 05:00:38 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	326259	40.180	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	437163	41.351	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	461348	42.376	ng	98
46) 1,1'-Biphenyl	9.08	154	1544291	39.828	ng	98
47) 2-Chloronaphthalene	9.10	162	1307156	41.561	ng	98
48) 2-Nitroaniline	9.19	65	390350	42.571	ng	90
49) Acenaphthylene	9.51	152	2005777	40.932	ng	99
50) Dimethylphthalate	9.38	163	1464461	41.076	ng	100
51) 2,6-Dinitrotoluene	9.43	165	351215	42.670	ng	97
52) Acenaphthene	9.68	154	1262858	41.185	ng	99
53) 3-Nitroaniline	9.60	138	413674	41.184	ng	96
54) 2,4-Dinitrophenol	9.70	184	160961	41.859	ng	# 89
55) Dibenzofuran	9.85	168	1761301	40.020	ng	99
56) 4-Nitrophenol	9.75	139	325612	40.435	ng	96
57) 2,4-Dinitrotoluene	9.83	165	461589	43.432	ng	91
58) Fluorene	10.19	166	1218526	41.000	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	386114	42.295	ng	100
60) Diethylphthalate	10.08	149	1491428	41.616	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	595046	42.329	ng	98
62) 4-Nitroaniline	10.21	138	418607	41.542	ng	97
63) Azobenzene	10.35	77	1373245	41.025	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	210869	42.864	ng	84
66) n-Nitrosodiphenylamine	10.31	169	1203932	41.219	ng	100
67) 4-Bromophenyl-phenylether	10.68	248	428558	42.162	ng	91
68) Hexachlorobenzene	10.74	284	462108	41.884	ng	95
69) Atrazine	10.84	200	401838	42.768	ng	98
70) Pentachlorophenol	10.92	266	302870	43.090	ng	98
71) Phenanthrene	11.14	178	2017908	39.977	ng	100
72) Anthracene	11.20	178	2014035	39.527	ng	98
73) Carbazole	11.35	167	1849679	40.653	ng	99
74) Di-n-butylphthalate	11.70	149	2225823	42.335	ng	99
75) Fluoranthene	12.32	202	2072251	41.146	ng	98
77) Benzidine	12.45	184	1172312	38.767	ng	99
78) Pyrene	12.55	202	2124713	40.597	ng	98
80) Butylbenzylphthalate	13.18	149	980592	42.456	ng	99
81) Benzo(a)anthracene	13.73	228	2013834	41.212	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	726251	41.156	ng	99
83) Chrysene	13.77	228	1812772	40.498	ng	100
84) Bis(2-ethylhexyl)phthalate	13.75	149	1309867	43.281	ng	99
85) Di-n-octyl phthalate	14.37	149	2223657	43.731	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2170522	40.979	ng	99
88) Benzo(b)fluoranthene	14.74	252	2132264	42.599	ng	100
89) Benzo(k)fluoranthene	14.76	252	1718846	38.292	ng	99
90) Benzo(a)pyrene	15.05	252	1855134	41.120	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	1755121	41.672	ng	99
92) Benzo(g,h,i)perylene	16.77	276	1753530	41.136	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

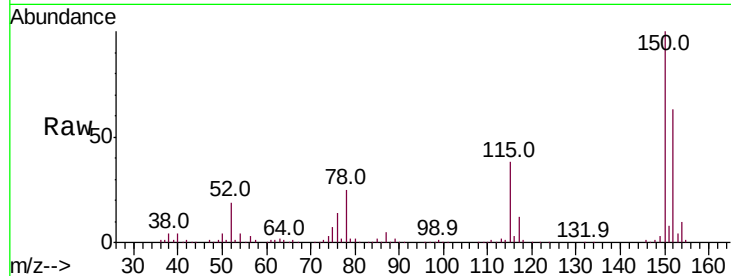


#1

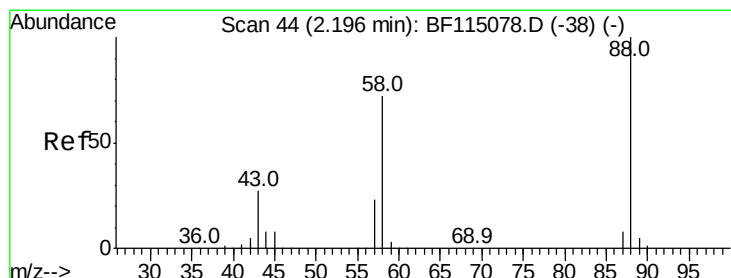
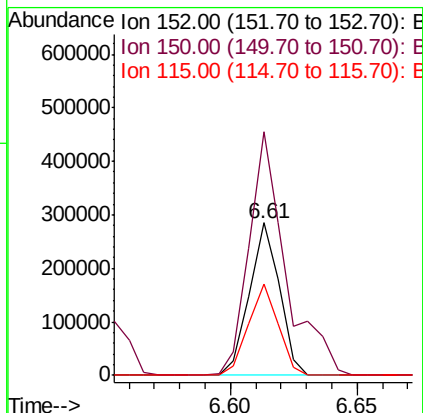
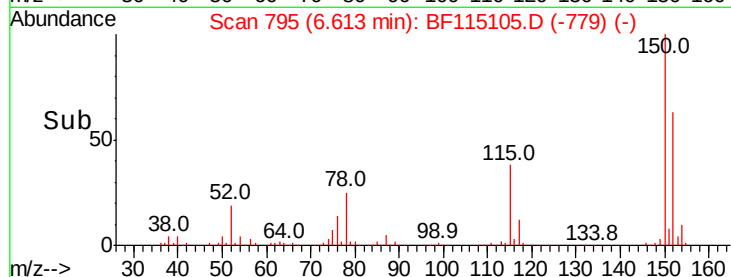
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 237364
Ion Ratio Lower Upper
152 100
150 159.6 124.2 186.2
115 59.9 46.1 69.1



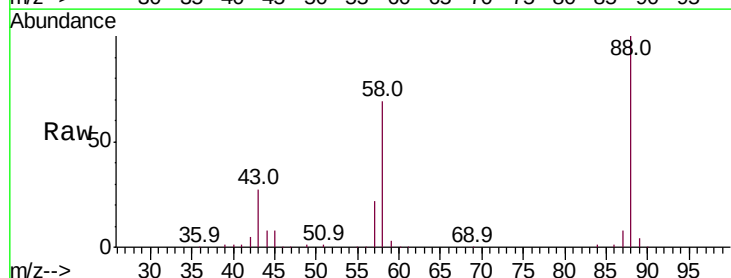
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



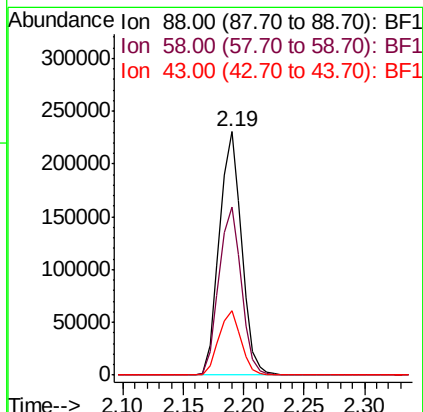
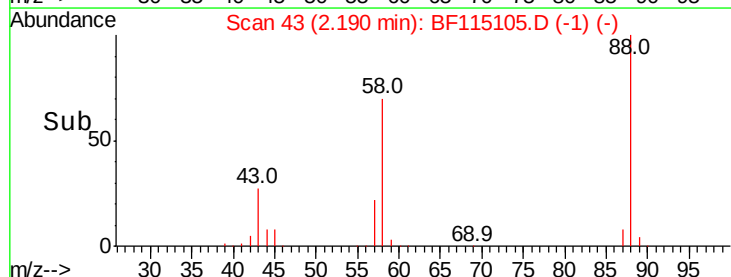
#2

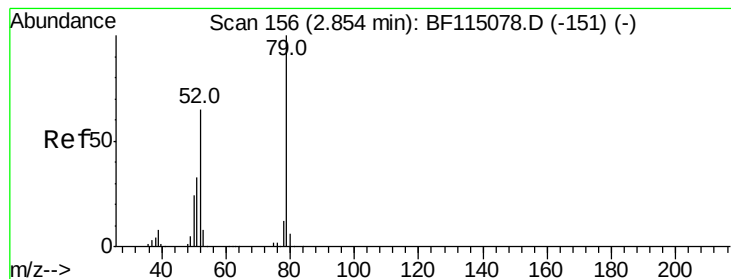
1,4-Dioxane
Concen: 40.324 ng
RT: 2.19 min Scan# 43
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion: 88 Resp: 292723
Ion Ratio Lower Upper
88 100
58 69.4 56.1 84.1
43 26.5 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.476 ng

RT: 2.84 min Scan# 154

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

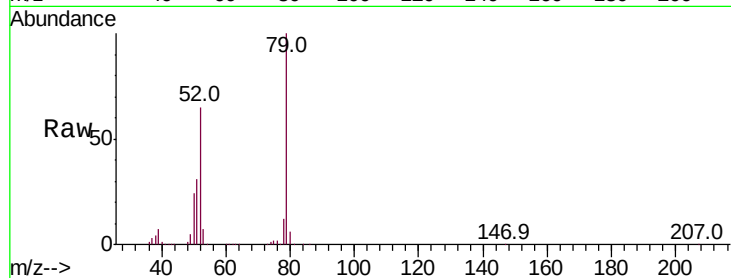
Tot Ion: 79 Resp: 828156

Ion Ratio Lower Upper

79 100

52 65.0 52.3 78.5

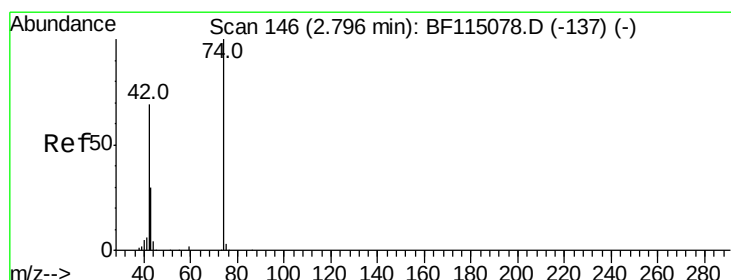
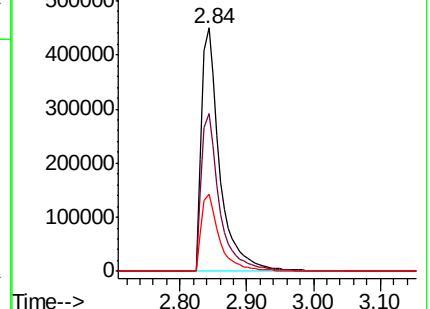
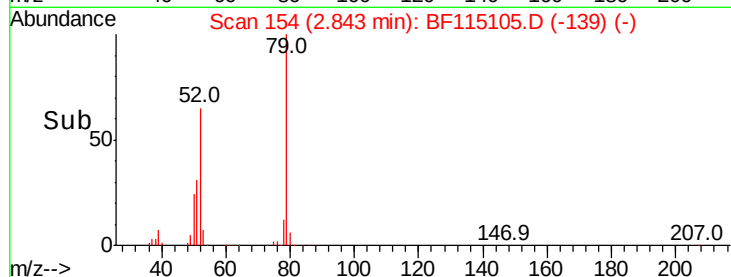
51 31.5 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.702 ng

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

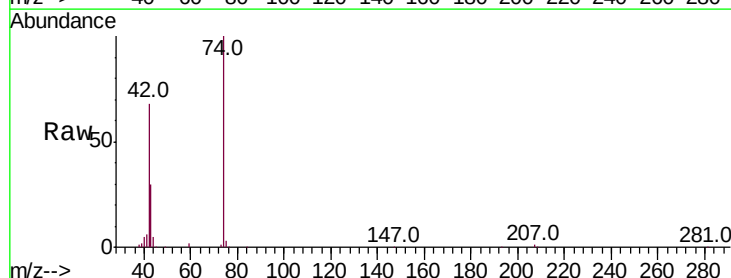
Tgt Ion: 42 Resp: 318447

Ion Ratio Lower Upper

42 100

74 146.2 116.6 175.0

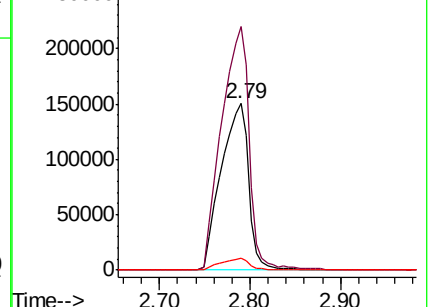
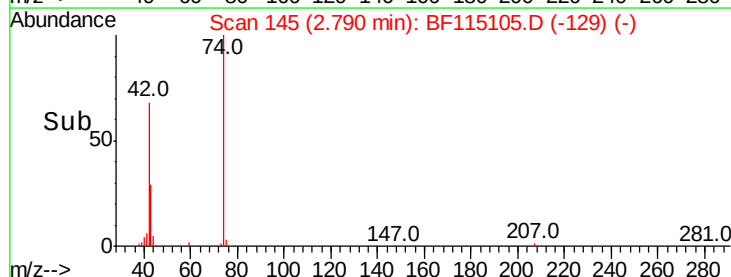
44 6.9 5.3 7.9

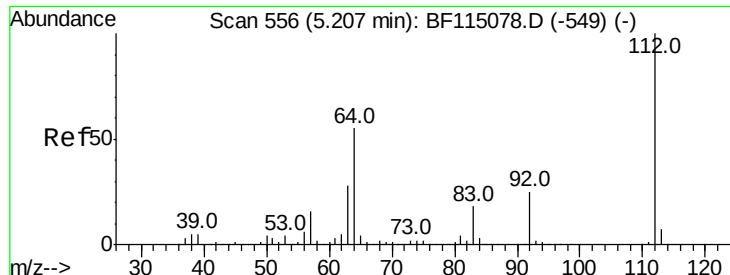


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.022 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampled :

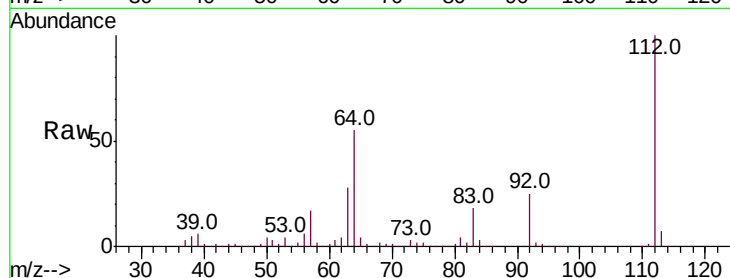
Tot Ion:112 Resp: 1246253

Ion Ratio Lower Upper

112 100

64 55.5 43.8 65.6

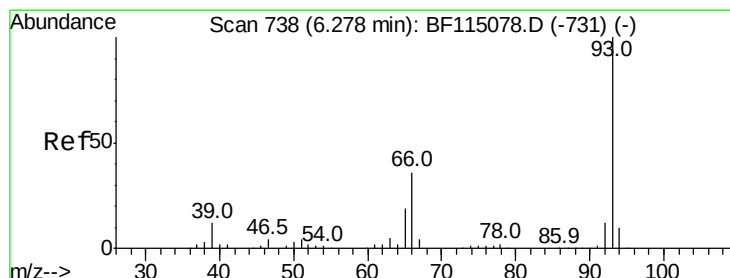
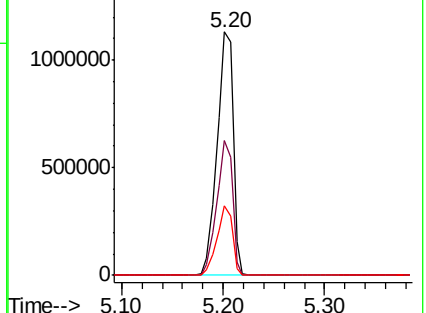
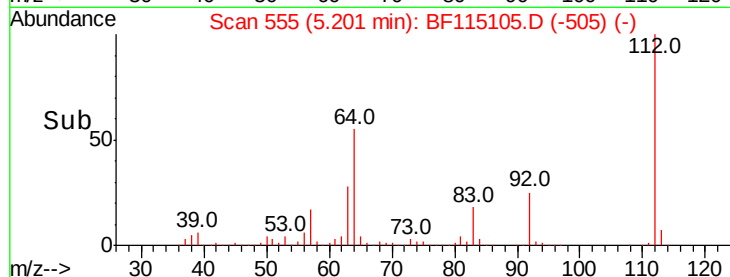
63 28.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.937 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

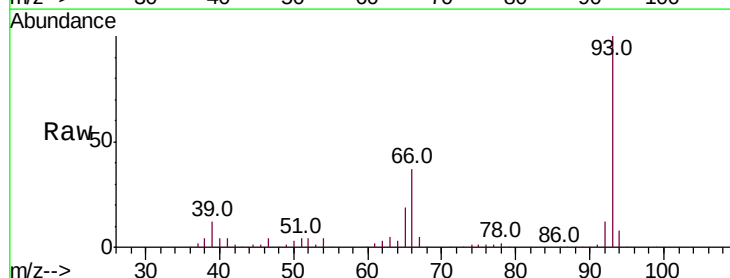
Tgt Ion: 93 Resp: 1050398

Ion Ratio Lower Upper

93 100

66 37.5 30.0 45.0

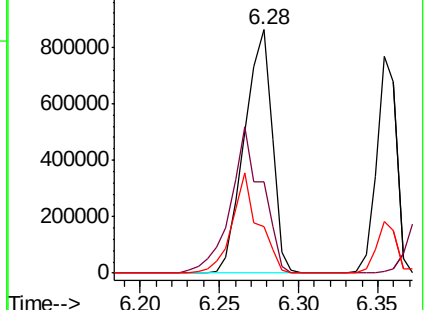
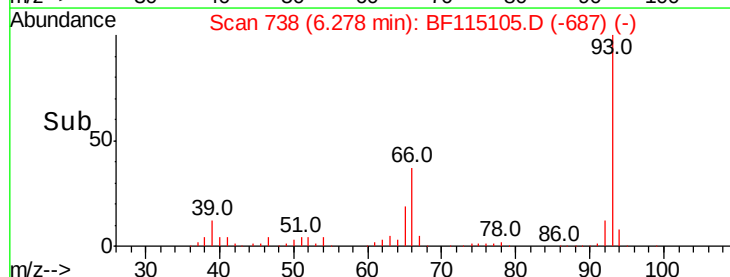
65 18.9 15.6 23.4

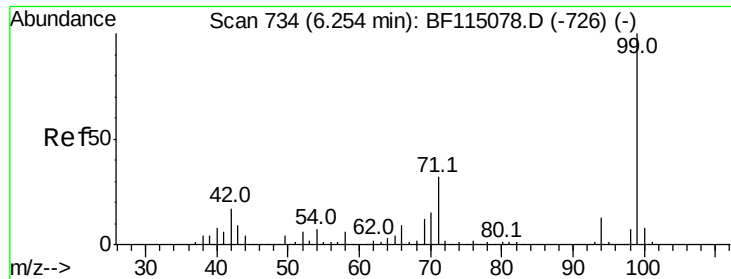


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.795 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

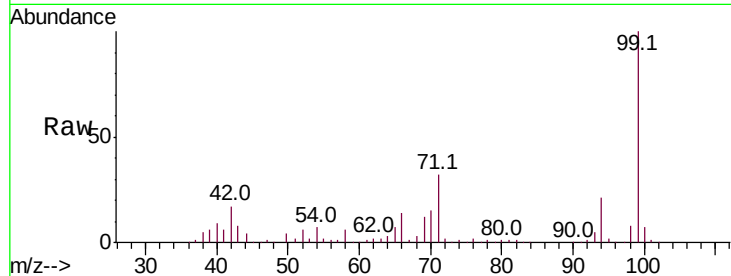
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1527065

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	31.5	25.5	38.3

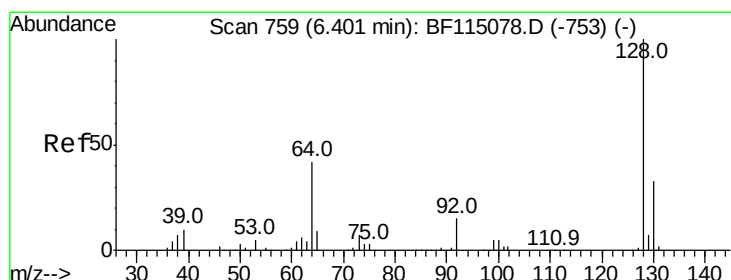
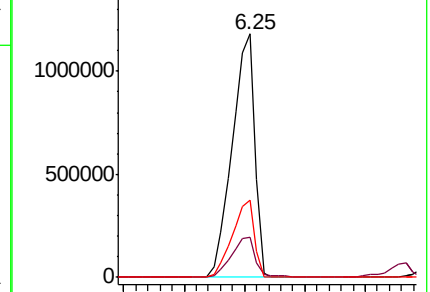
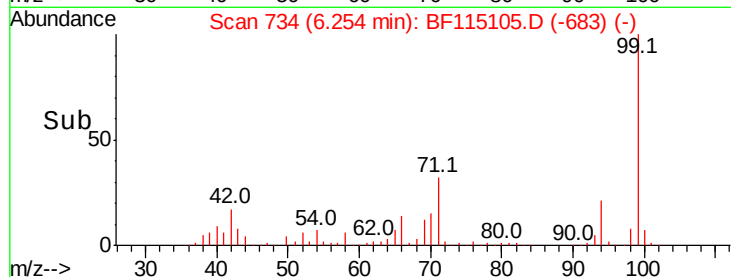


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.925 ng

RT: 6.40 min Scan# 758

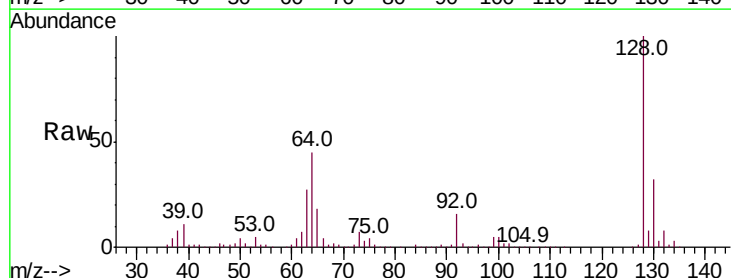
Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Tgt Ion: 128 Resp: 725120

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	44.8	22.9	62.9

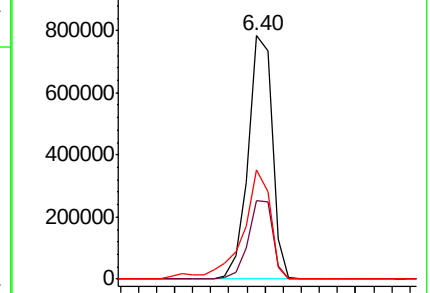
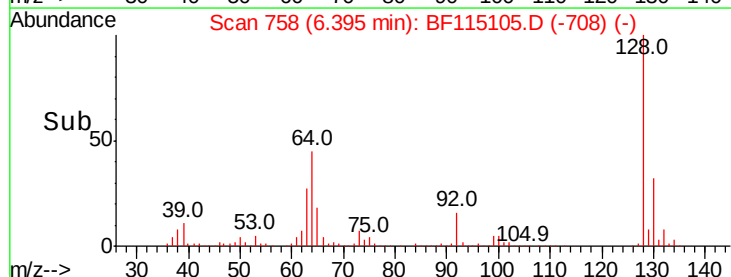


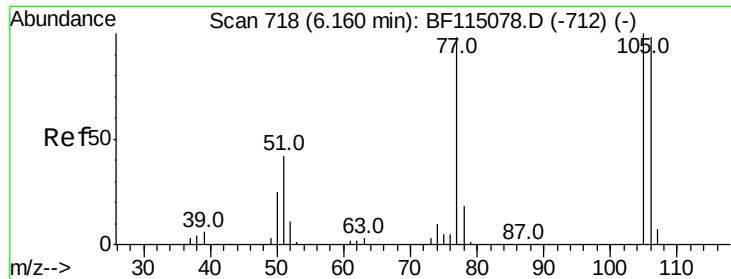
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.478 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

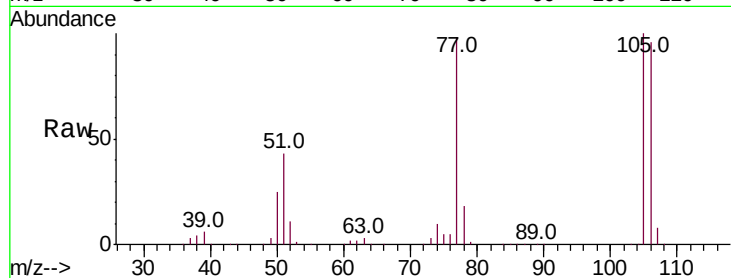
Tot Ion: 77 Resp: 517390

Ion Ratio Lower Upper

77 100

105 101.7 81.5 121.5

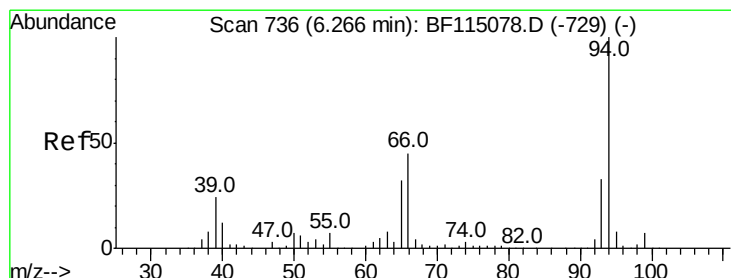
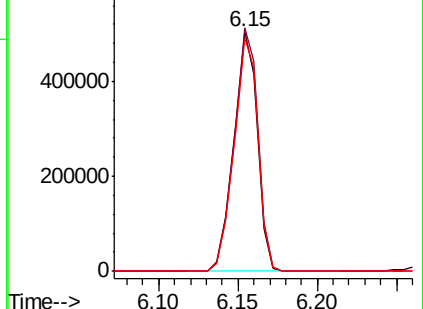
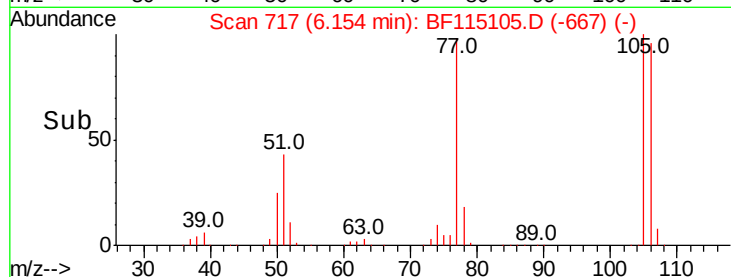
106 97.3 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.963 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

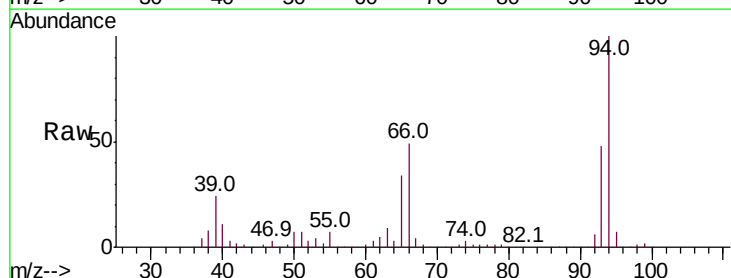
Tgt Ion: 94 Resp: 873938

Ion Ratio Lower Upper

94 100

65 33.7 11.9 51.9

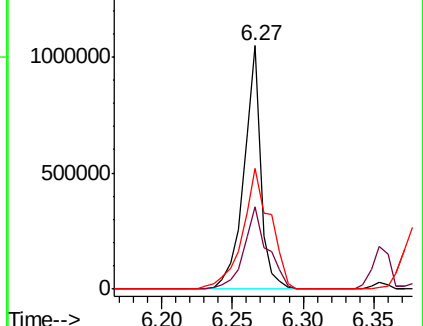
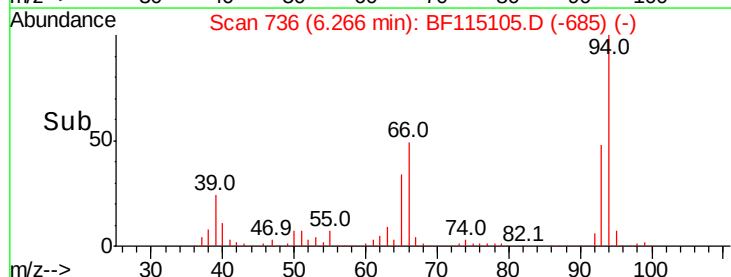
66 49.4 25.2 65.2

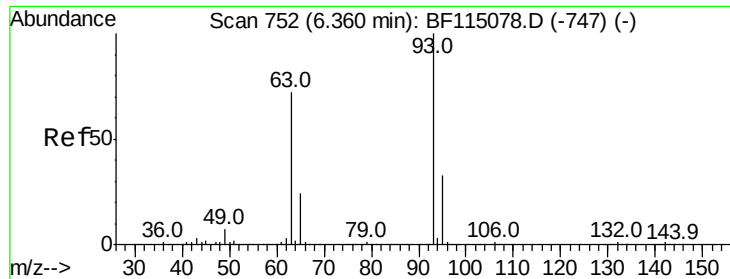


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

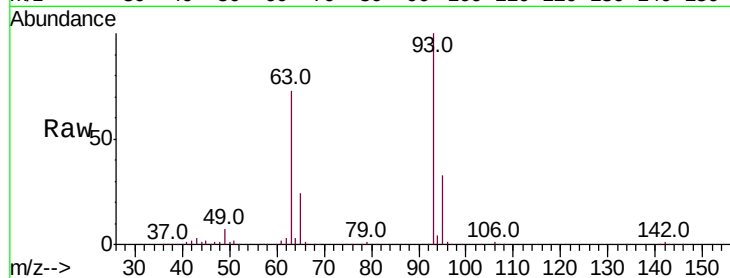




#11
bis(2-Chloroethyl)ether
Concen: 41.628 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	51.5	91.5
95	32.6	13.4	53.4

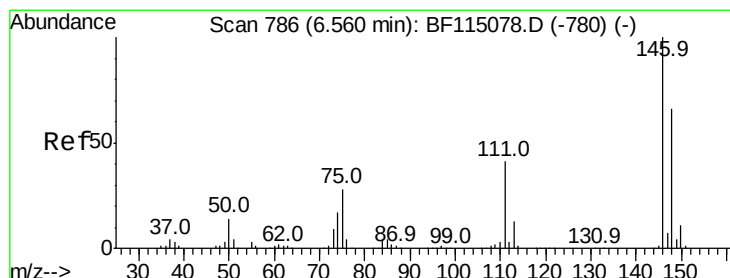
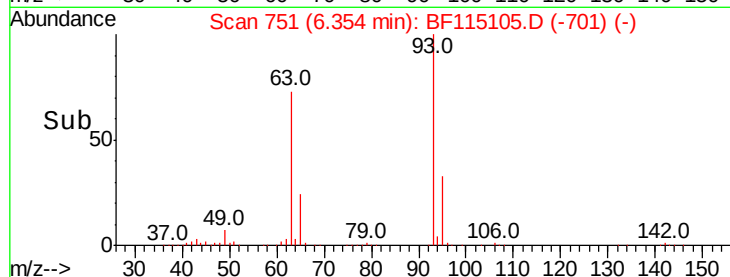
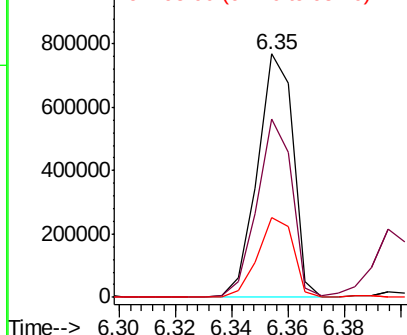


Abundance

Ion 93.00 (92.70 to 93.70): BF1

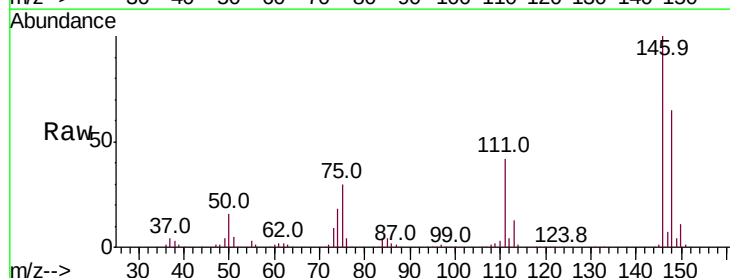
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.339 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.6	78.8
75	29.9	22.6	34.0

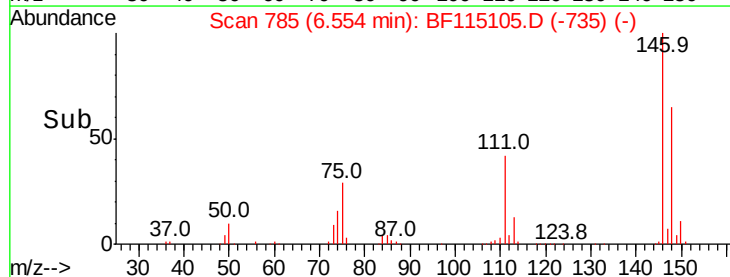
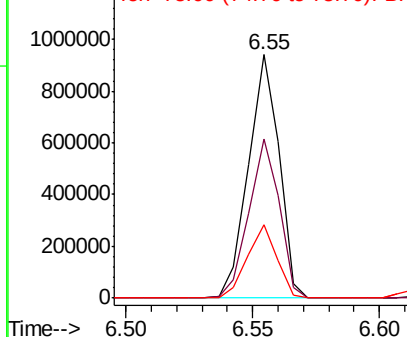


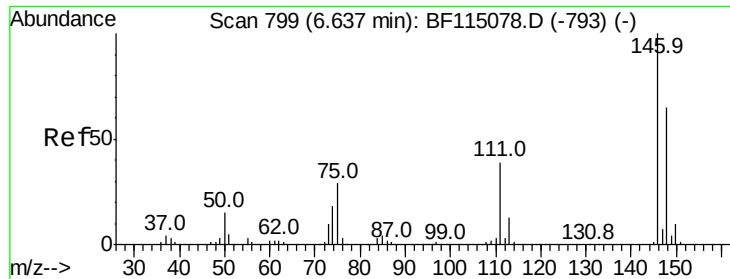
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

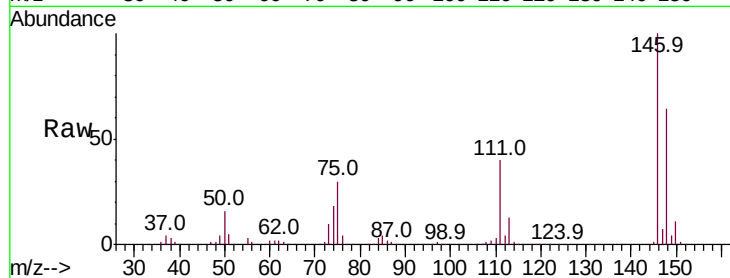




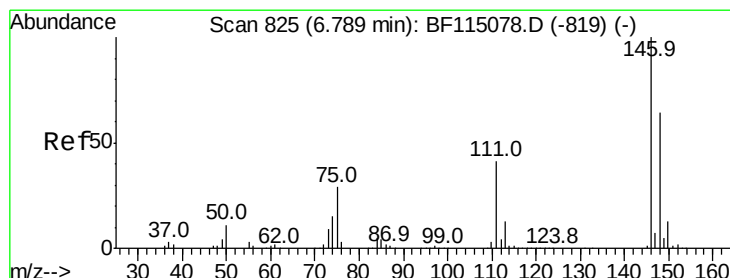
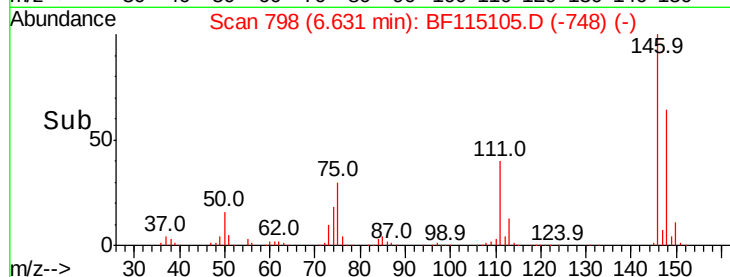
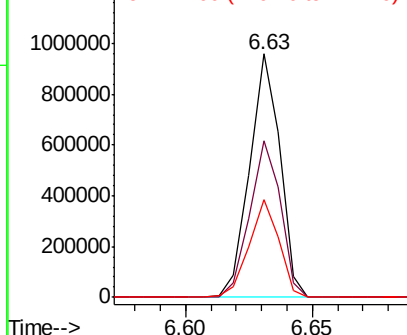
#13
 1,4-Dichlorobenzene
 Concen: 41.651 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 801719
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 40.2 31.4 47.0

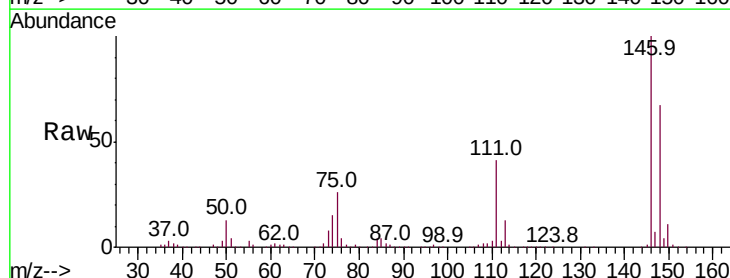


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

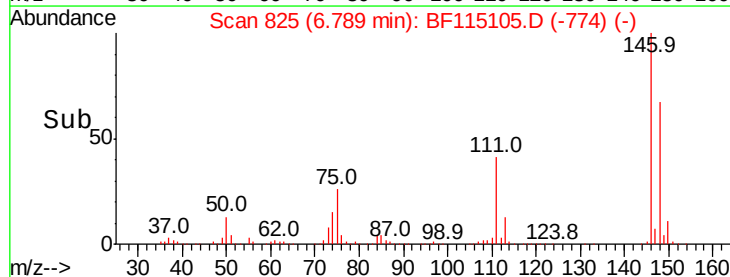
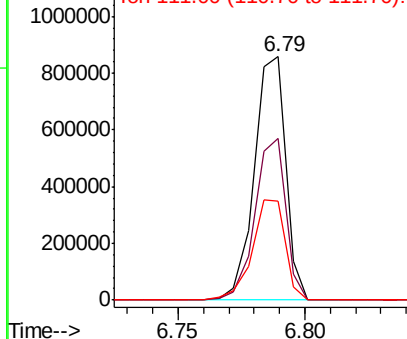


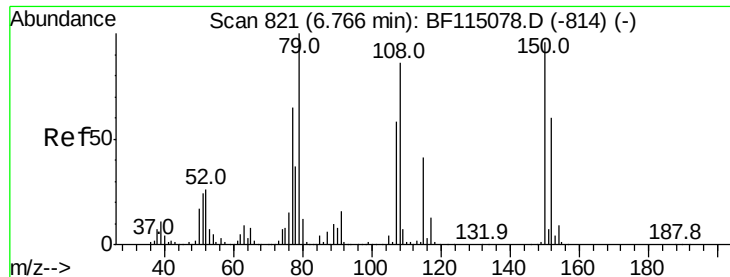
#14
 1,2-Dichlorobenzene
 Concen: 41.743 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion:146 Resp: 744071
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.1 76.7
 111 40.6 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.698 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

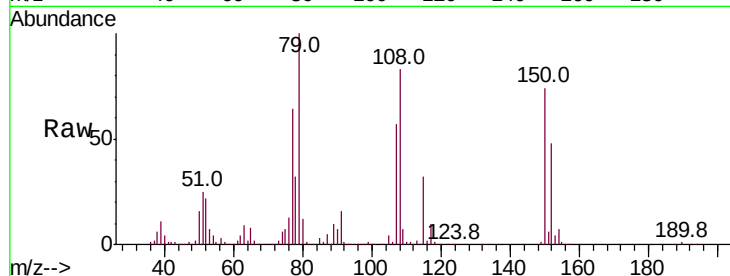
Tot Ion: 79 Resp: 553277

Ion Ratio Lower Upper

79 100

108 83.3 68.7 103.1

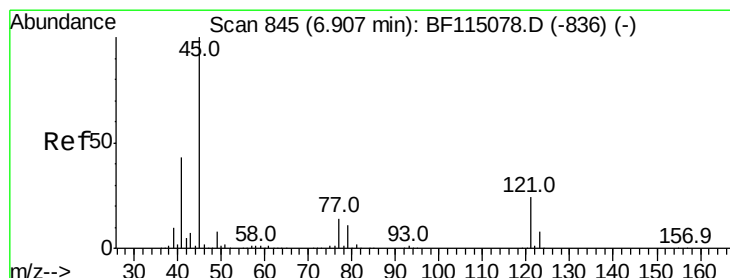
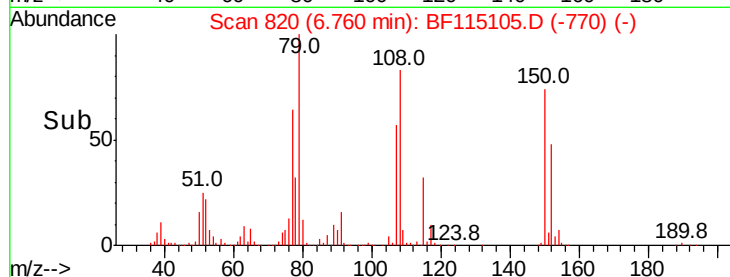
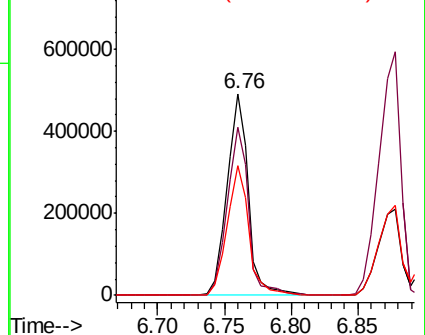
77 64.2 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.240 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

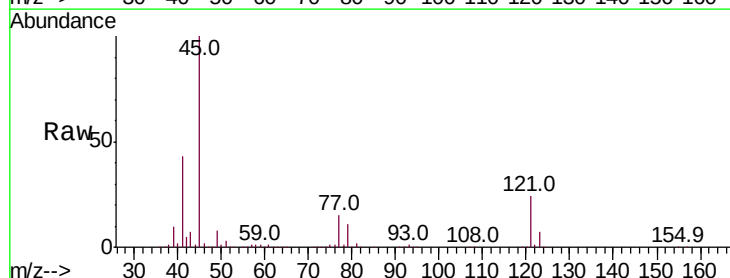
Tgt Ion: 45 Resp: 964215

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

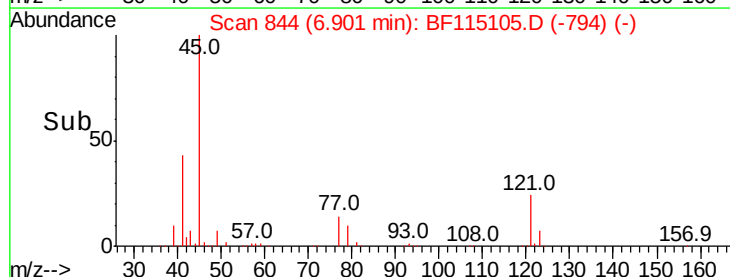
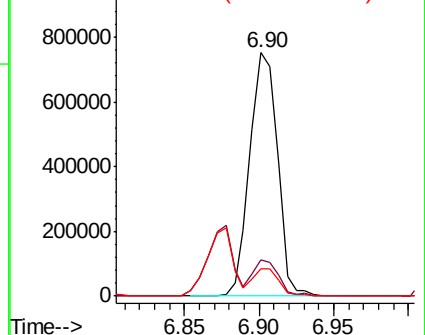
79 11.0 0.0 31.2

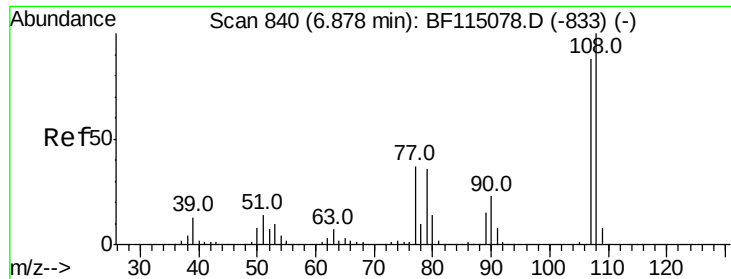


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

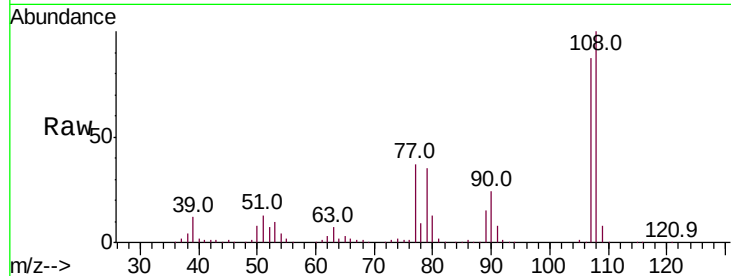




#17
2-Methylphenol
Concen: 40.711 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.9	136.3
77	42.4	33.4	50.2
79	40.5	32.3	48.5



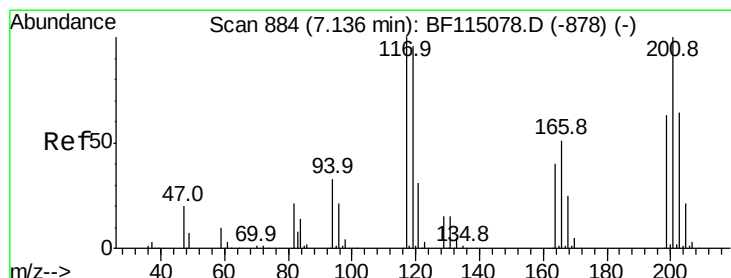
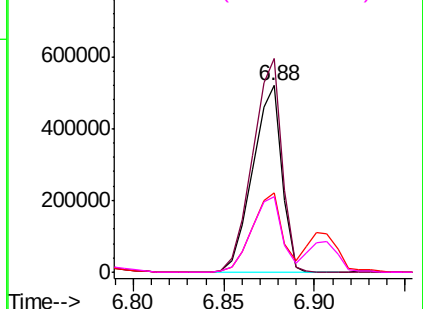
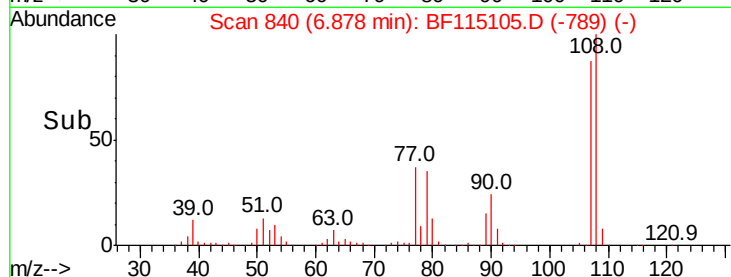
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

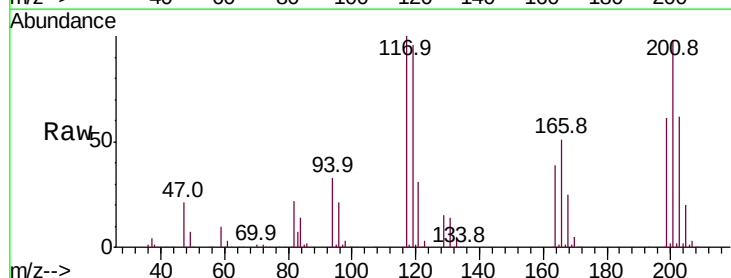
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.648 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	114.8
201	97.9	80.2	120.2

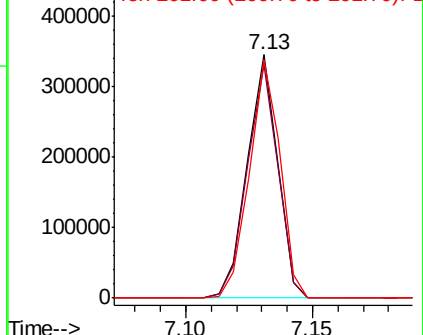
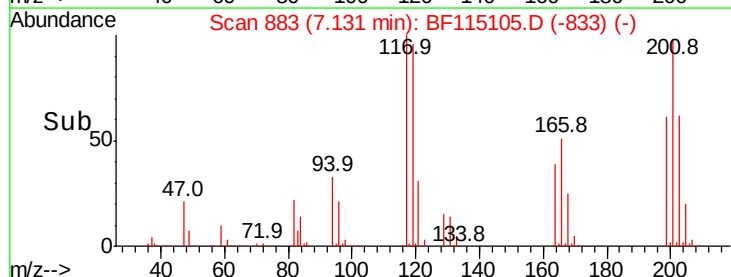


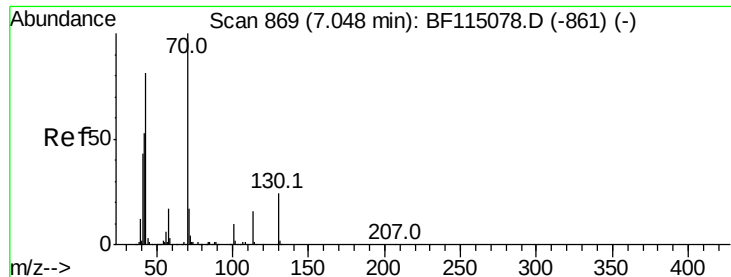
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

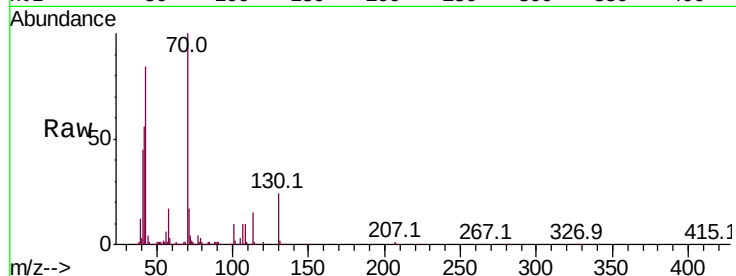




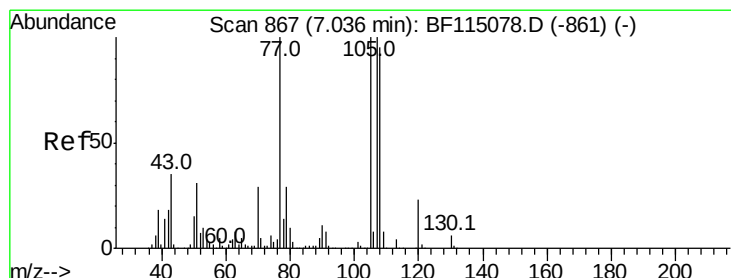
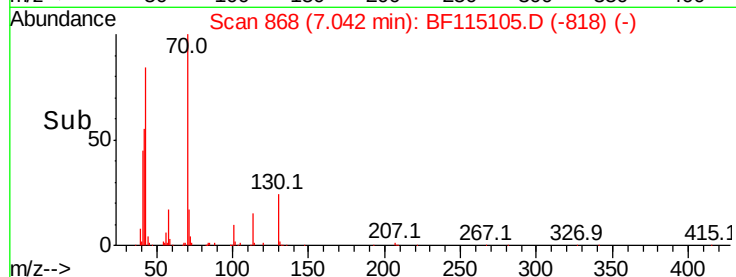
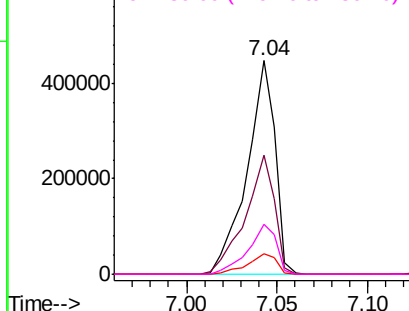
#19
n-Nitroso-di-n-propylamine
Concen: 40.408 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	482970
Ion	Ratio	Lower	Upper
70	100		
42	55.6	42.6	63.8
101	9.8	8.0	12.0
130	23.5	19.4	29.0

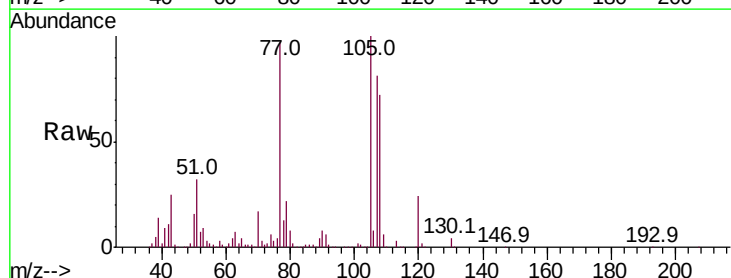


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

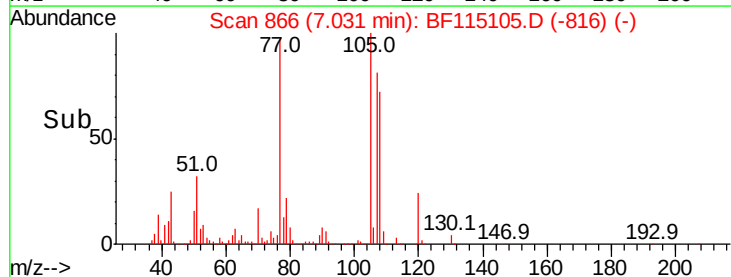
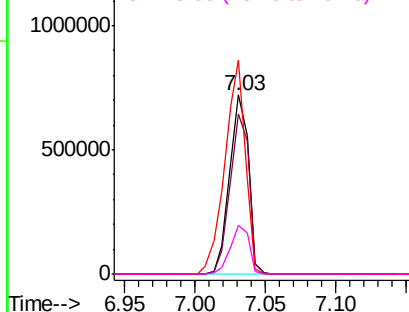


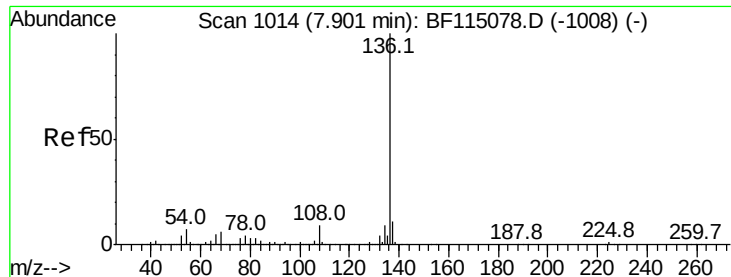
#20
3+4-Methylphenols
Concen: 40.886 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:	107	Resp:	673996
Ion	Ratio	Lower	Upper
107	100		
108	89.2	75.5	115.5
77	119.5	80.2	120.2
79	27.2	9.5	49.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

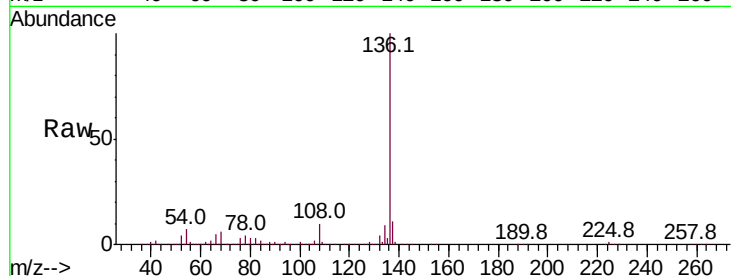




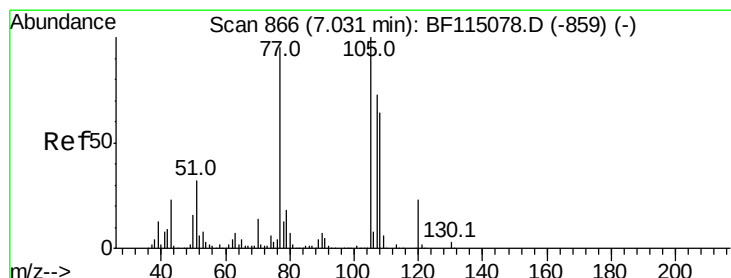
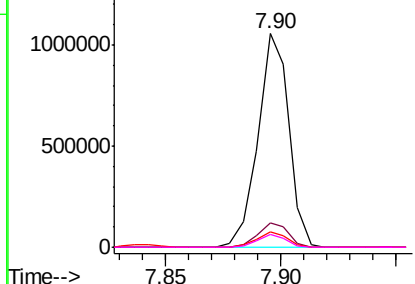
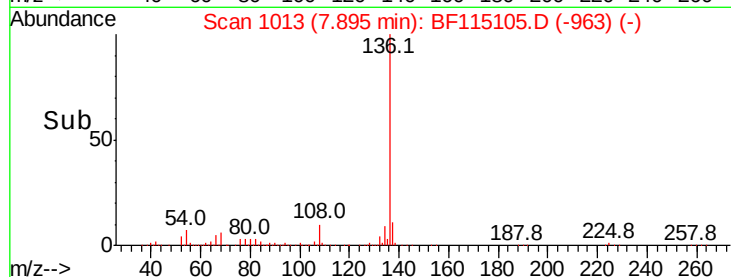
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 984428
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 7.3	5.6 8.4
68 6.3	4.8 7.2

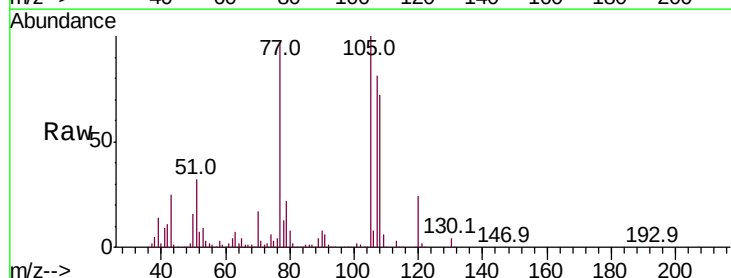


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

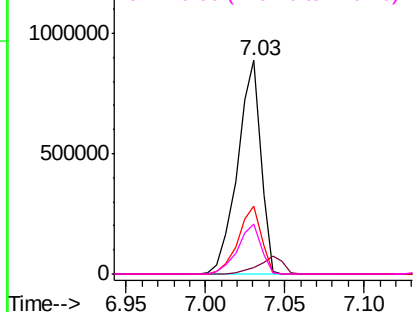
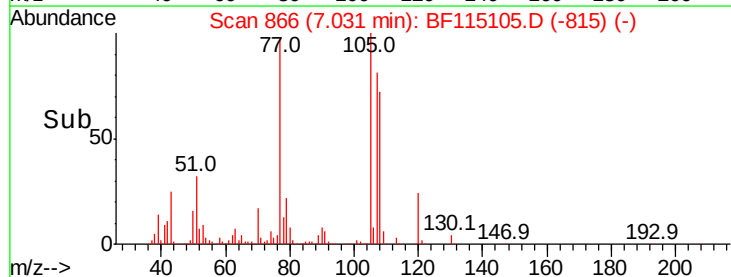


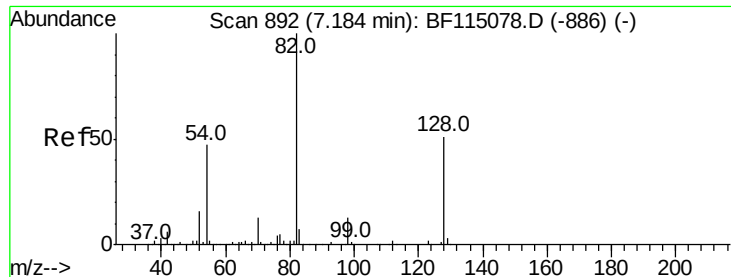
#22
Acetophenone
Concen: 39.972 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt	Ion:105	Resp:	900839
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.9	2.9#
51	31.8	25.8	38.8
120	23.6	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

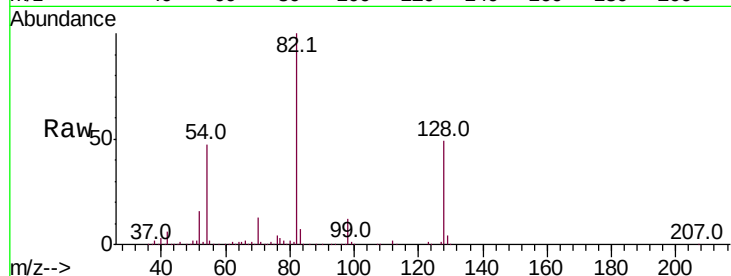




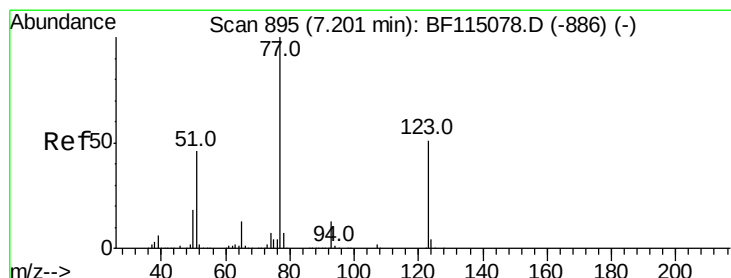
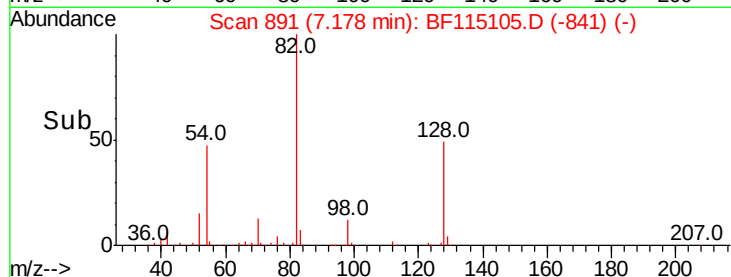
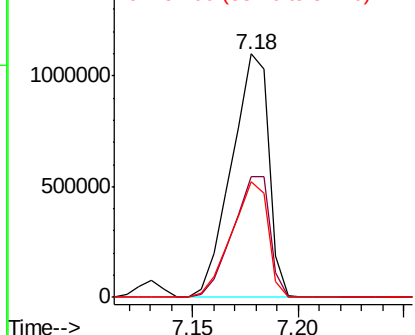
#23
 Nitrobenzene-d5
 Concen: 83.546 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1336981
 Ion Ratio Lower Upper
 82 100
 128 49.3 40.4 60.6
 54 47.3 37.5 56.3

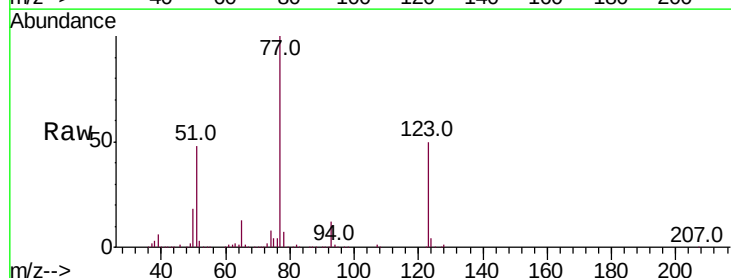


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

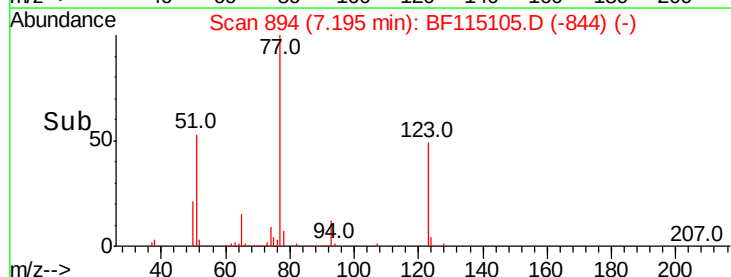
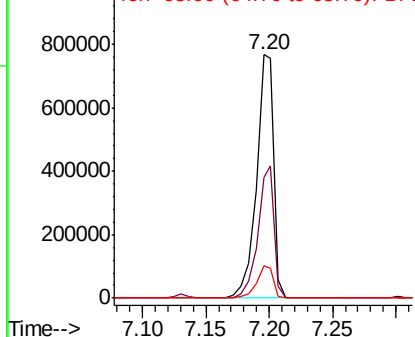


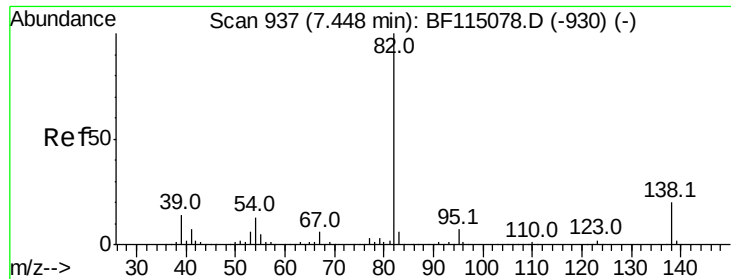
#24
 Nitrobenzene
 Concen: 41.661 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion: 77 Resp: 734491
 Ion Ratio Lower Upper
 77 100
 123 49.6 41.0 61.6
 65 13.4 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1000000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.404 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

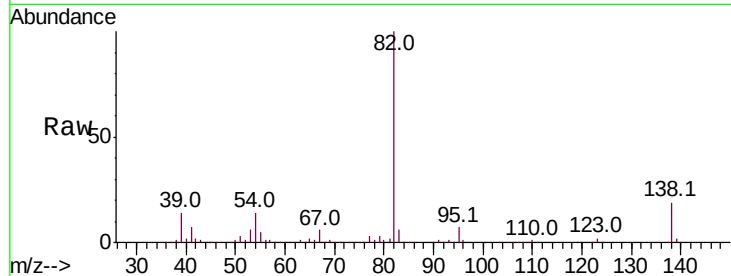
Tot Ion: 82 Resp: 1324558

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

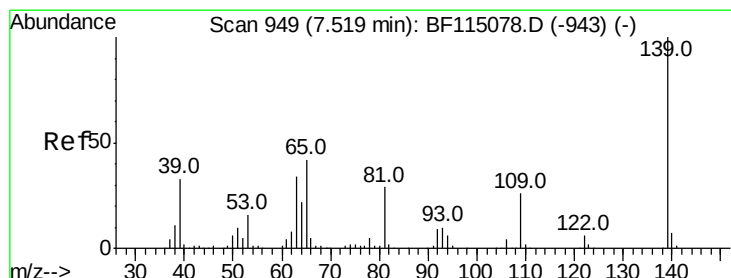
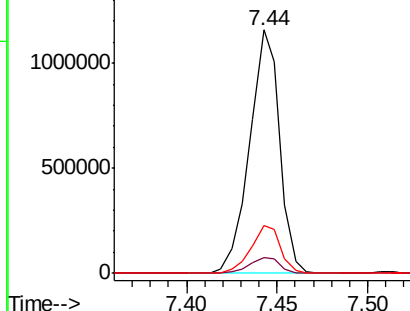
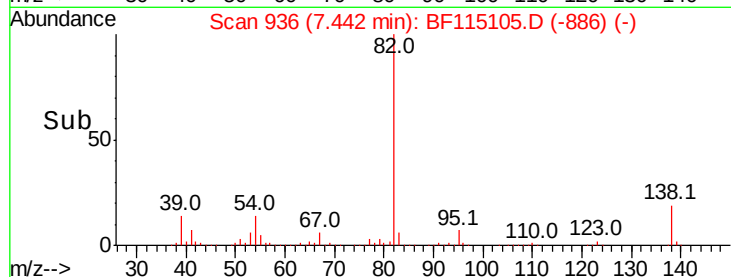
138 19.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.558 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

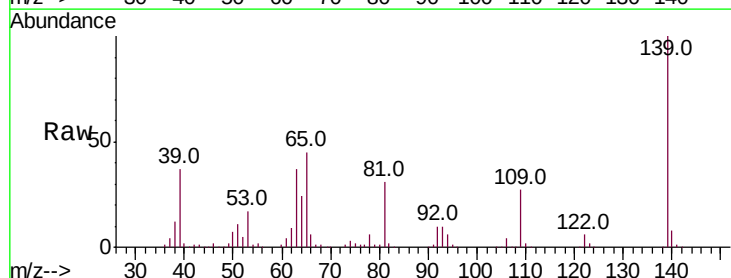
Tgt Ion: 139 Resp: 387945

Ion Ratio Lower Upper

139 100

109 26.7 20.4 30.6

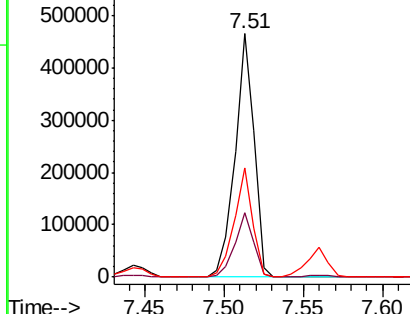
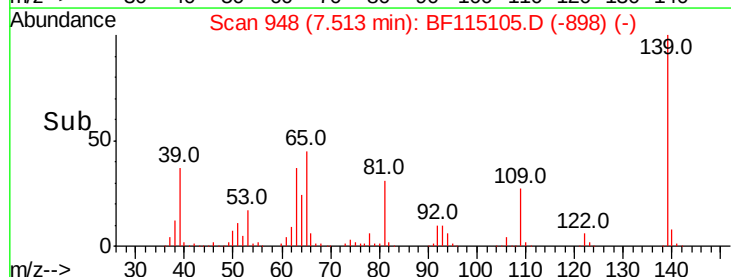
65 44.8 33.6 50.4

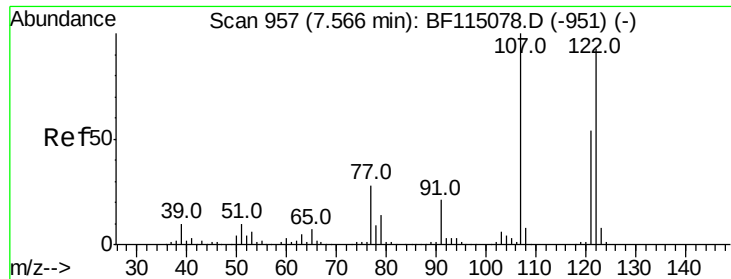


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

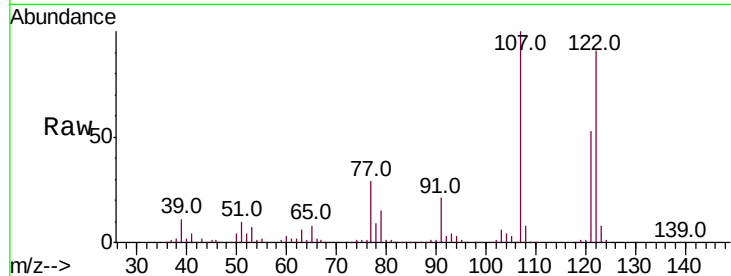




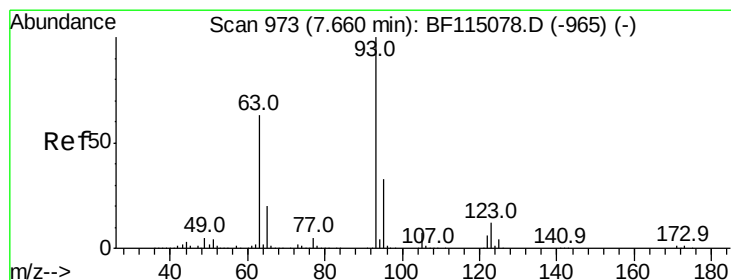
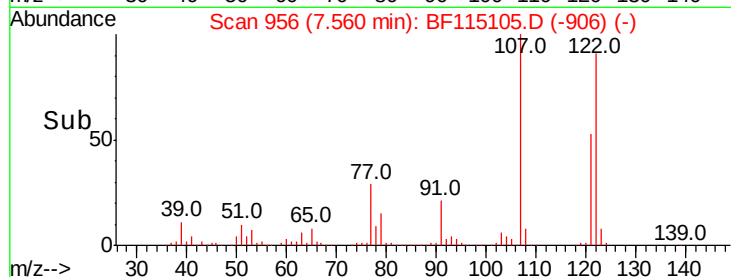
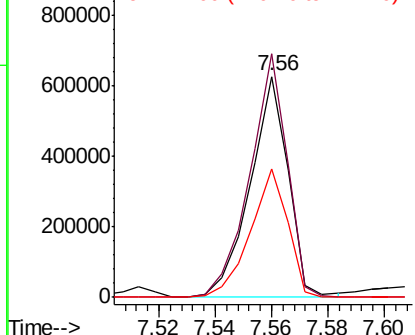
#27
2,4-Dimethylphenol
Concen: 41.041 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	85.8	128.6
121	58.4	46.3	69.5

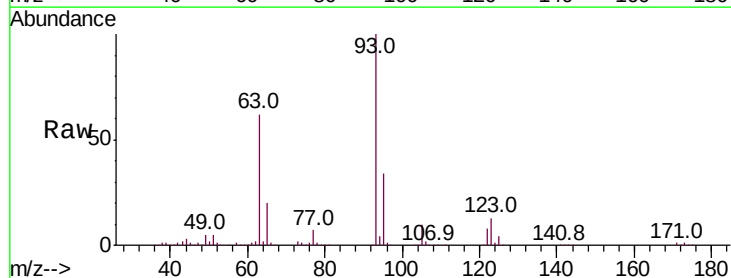


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

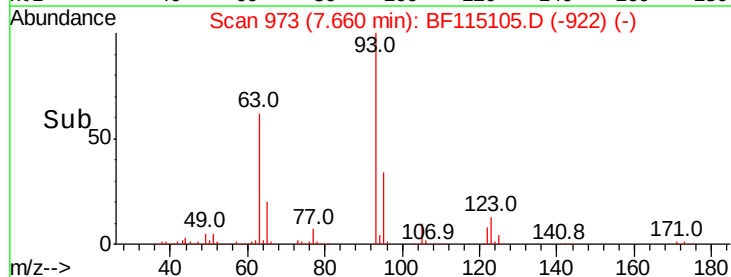
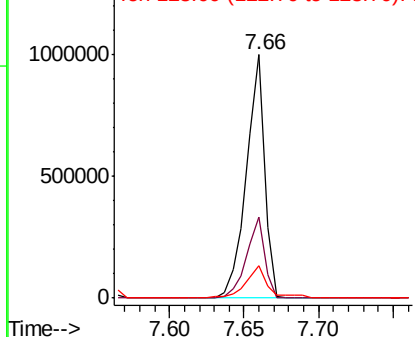


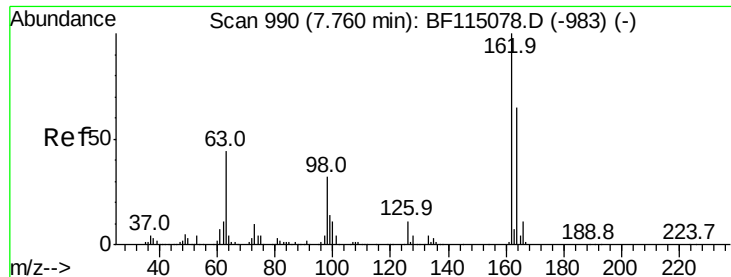
#28
bis(2-Chloroethoxy)methane
Concen: 40.826 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.2	39.4
123	13.1	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

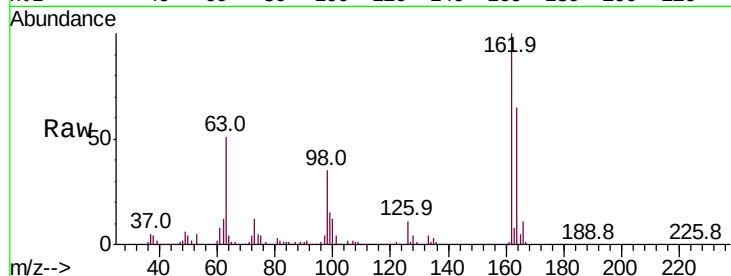




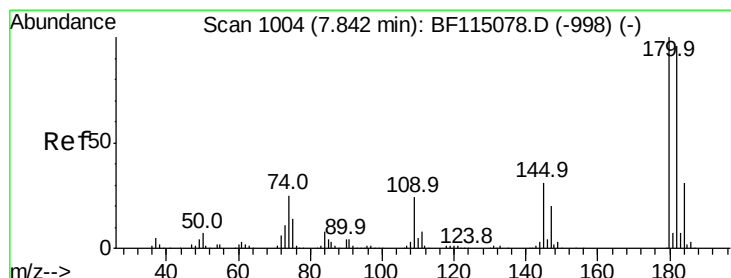
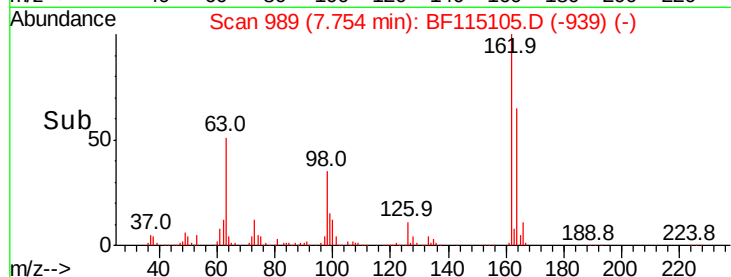
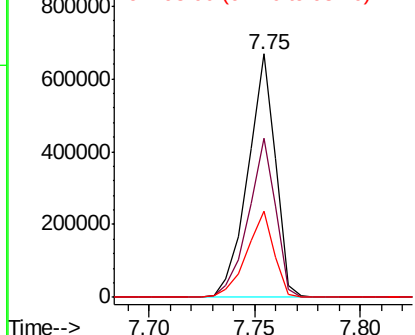
#29
 2,4-Dichlorophenol
 Concen: 41.341 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.3	85.3
98	35.5	12.5	52.5

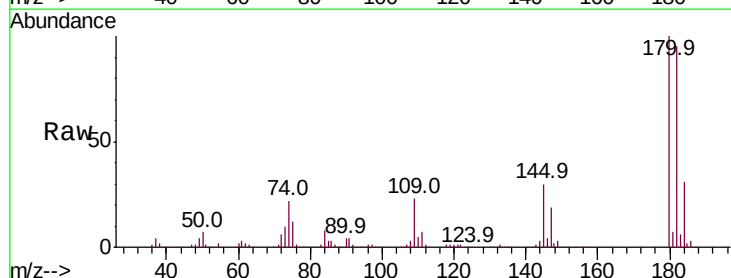


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

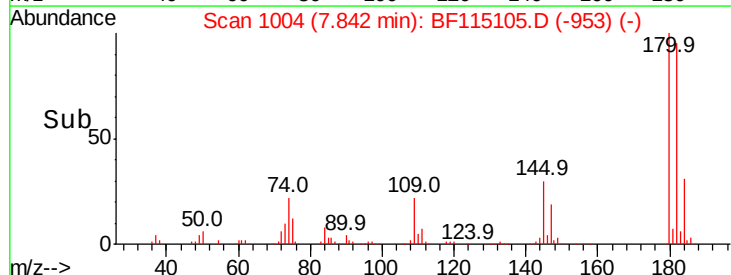
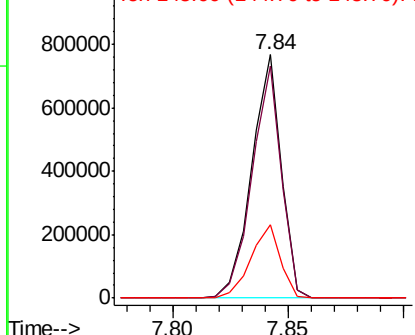


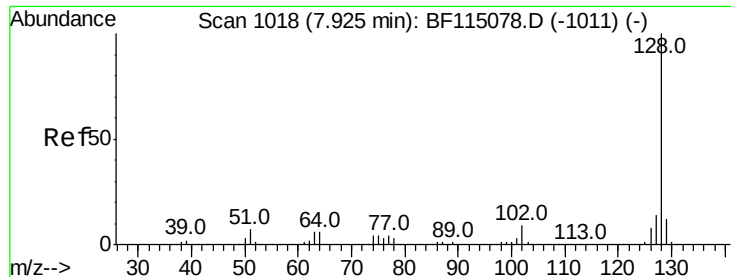
#30
 1,2,4-Trichlorobenzene
 Concen: 42.094 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	30.0	24.8	37.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

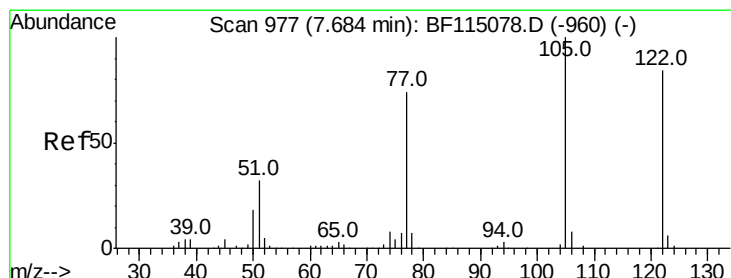
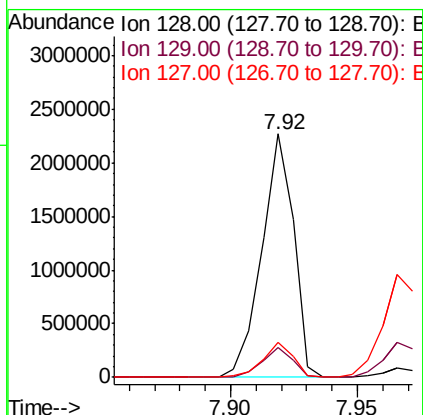
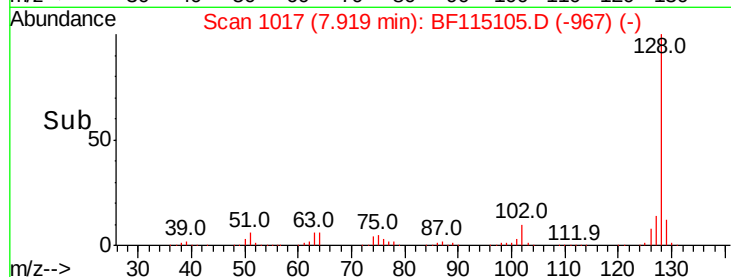
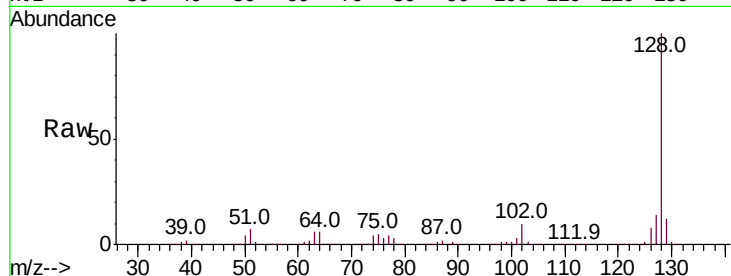




#31
Naphthalene
Concen: 41.352 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

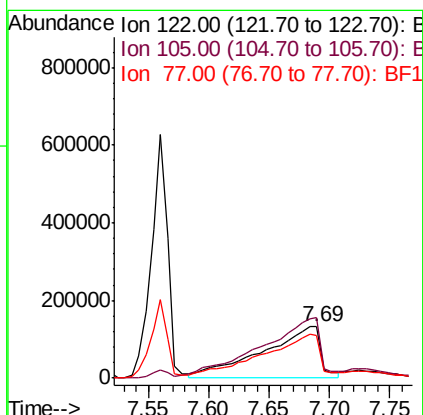
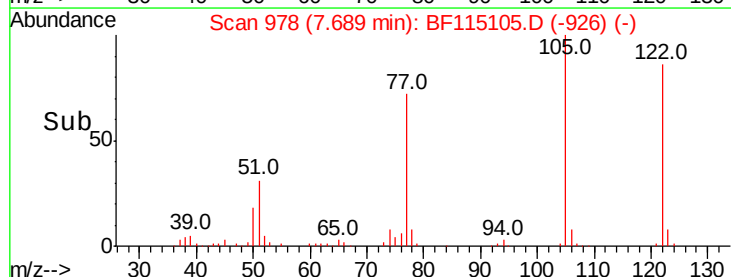
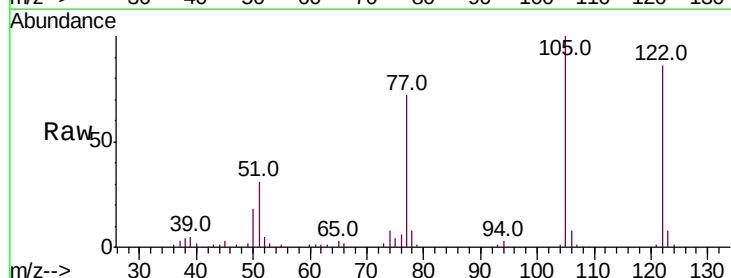
Instrument :
BNA_F
ClientSampleId :

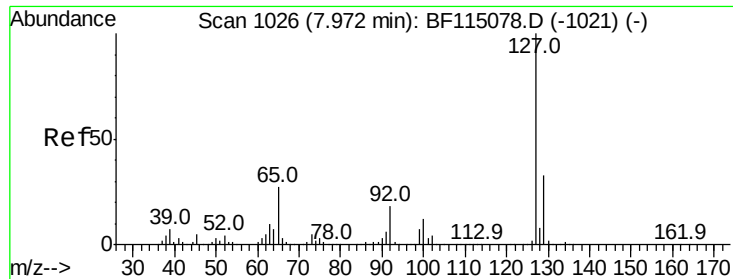
Tot Ion:128 Resp: 1998252
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 43.425 ng
RT: 7.69 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:122 Resp: 441866
Ion Ratio Lower Upper
122 100
105 116.9 98.2 138.2
77 84.1 67.0 107.0

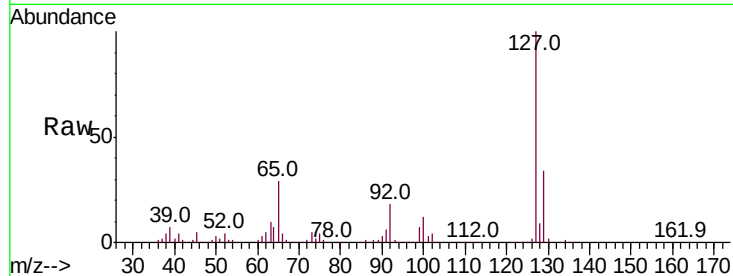




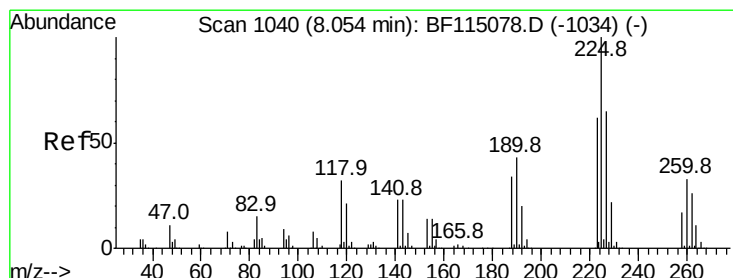
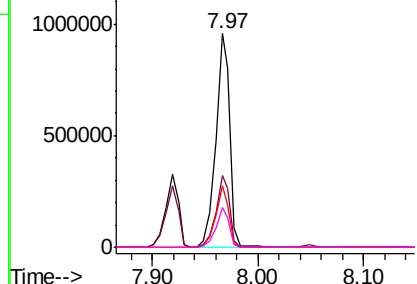
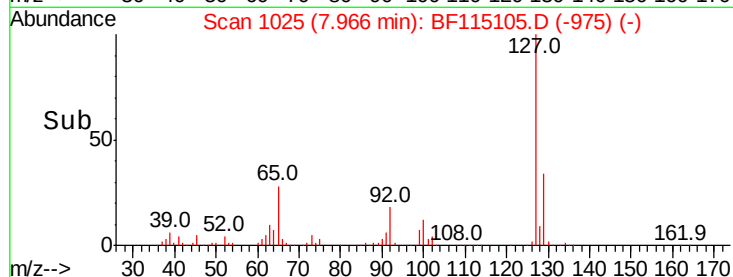
#33
4-Chloroaniline
Concen: 40.631 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	897334
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.1	39.1
65	28.6	21.4	32.2
92	18.4	14.1	21.1

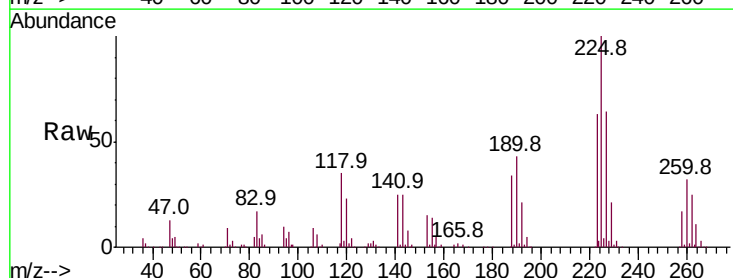


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

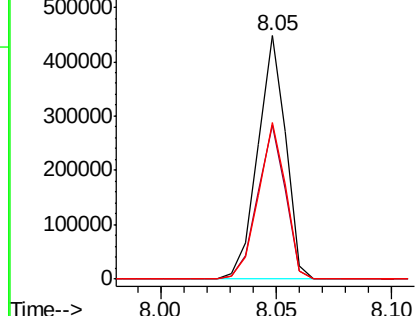
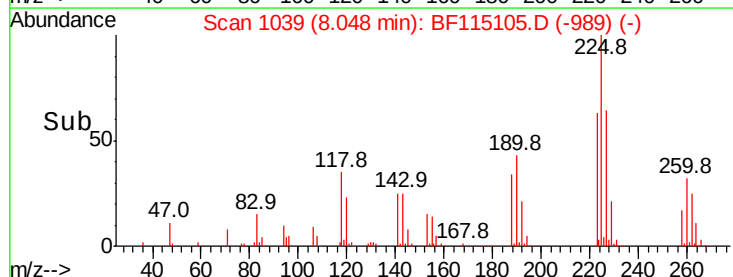


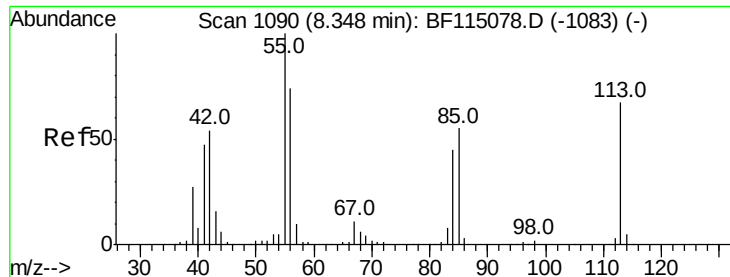
#34
Hexachlorobutadiene
Concen: 42.357 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:	225	Resp:	377182
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	64.1	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.403 ng

RT: 8.35 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

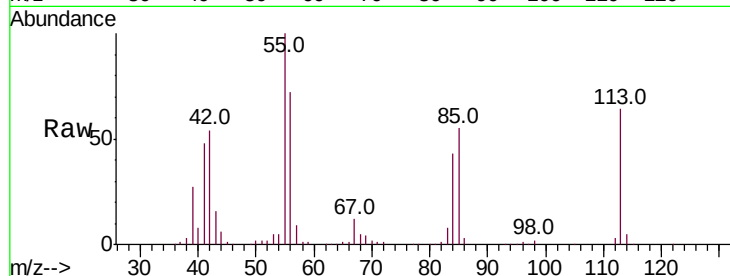
Tot Ion:113 Resp: 194886

Ion Ratio Lower Upper

113 100

55 155.2 130.2 170.2

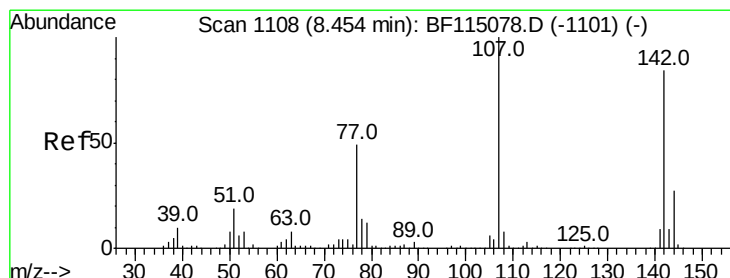
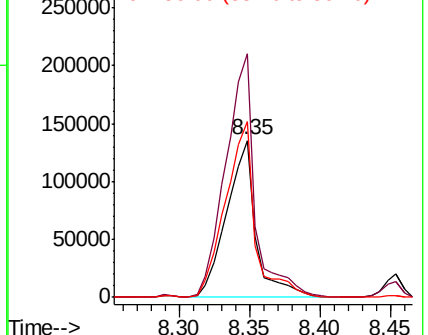
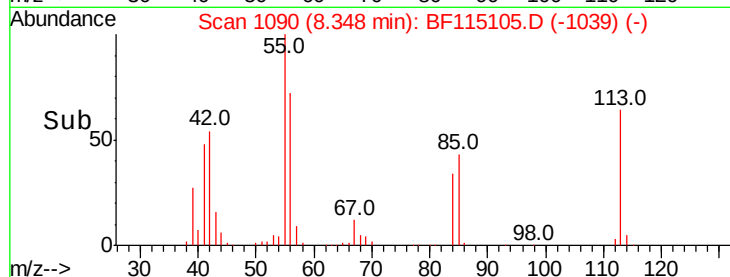
56 112.3 91.6 131.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.514 ng

RT: 8.45 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

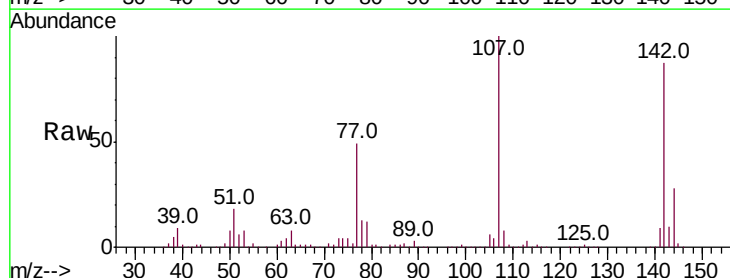
Tgt Ion:107 Resp: 603590

Ion Ratio Lower Upper

107 100

144 28.5 21.7 32.5

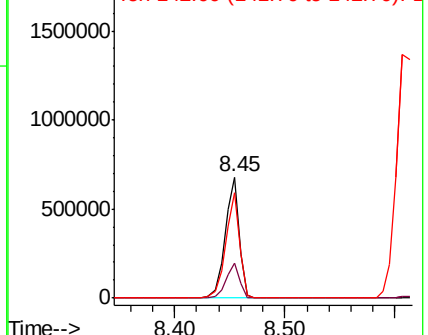
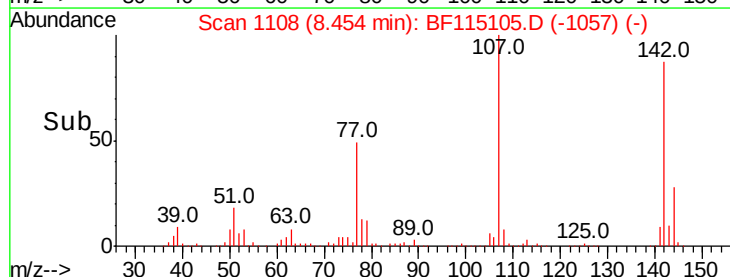
142 87.3 67.0 100.4

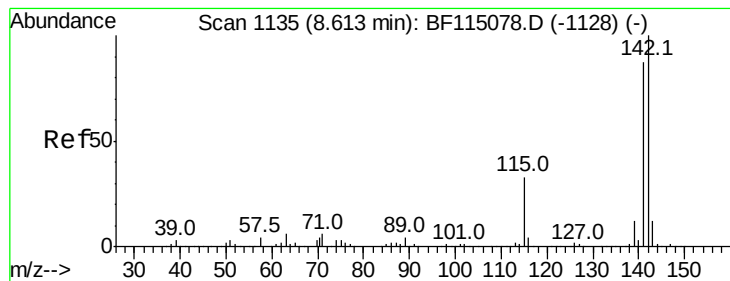


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.267 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

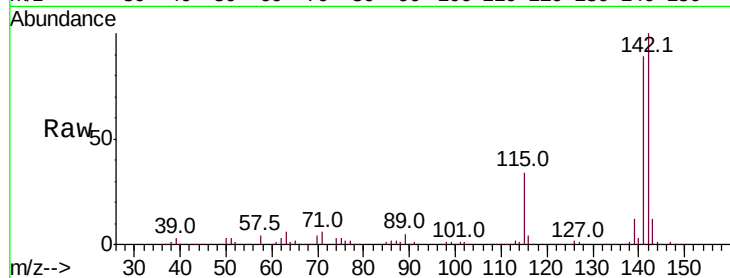
Tot Ion:142 Resp: 1344562

Ion Ratio Lower Upper

142 100

141 89.4 69.8 104.6

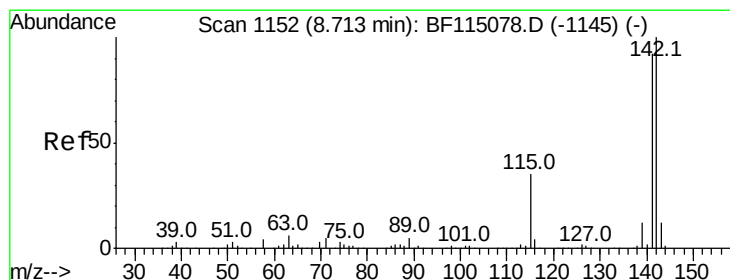
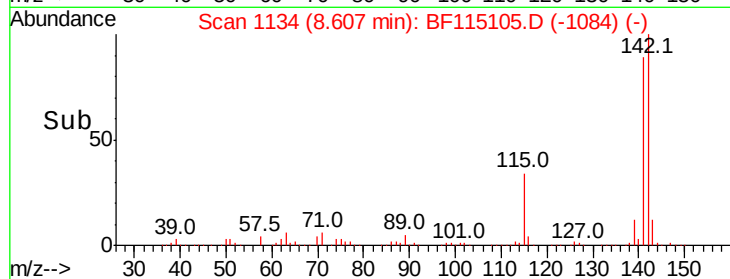
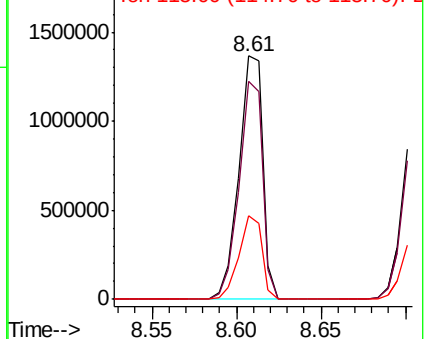
115 34.3 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.540 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

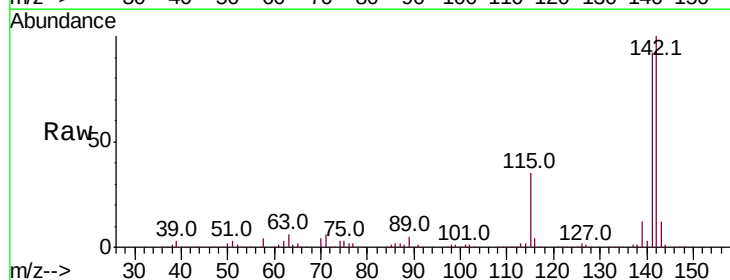
Tgt Ion:142 Resp: 1292646

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8

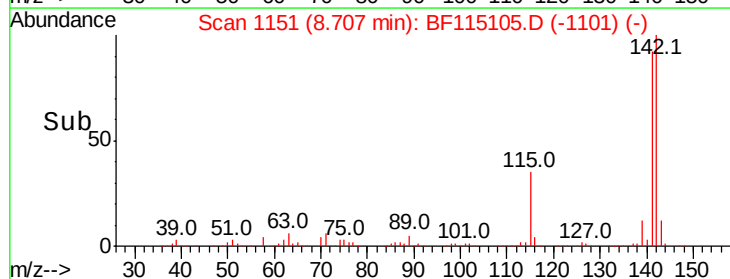
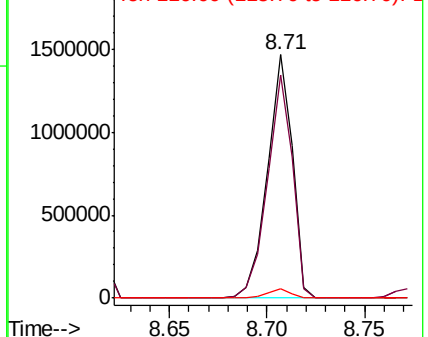
116 3.8 2.8 4.2

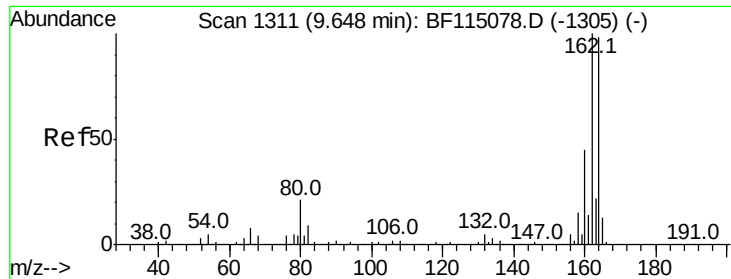


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

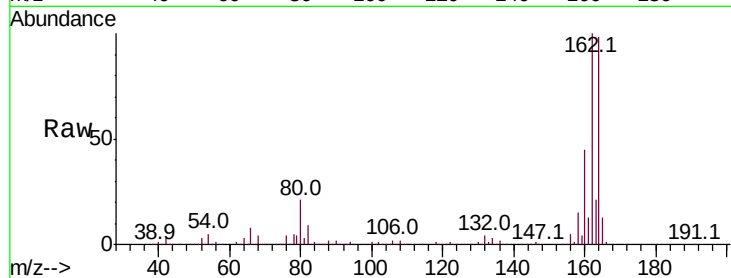




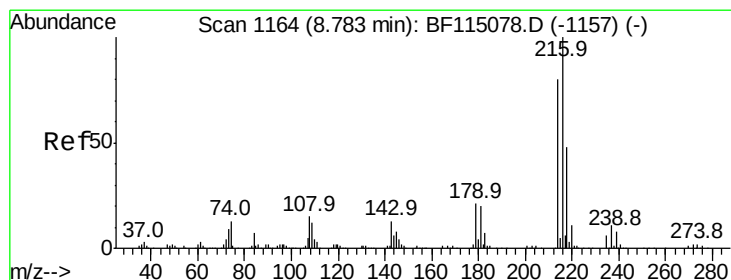
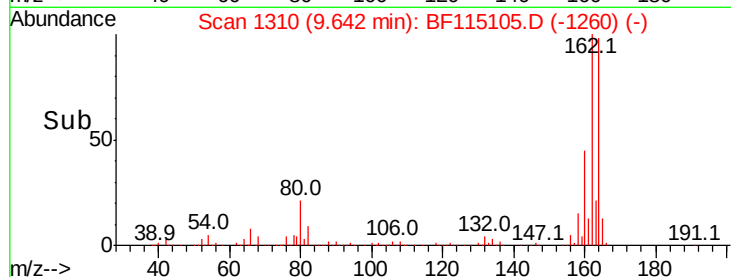
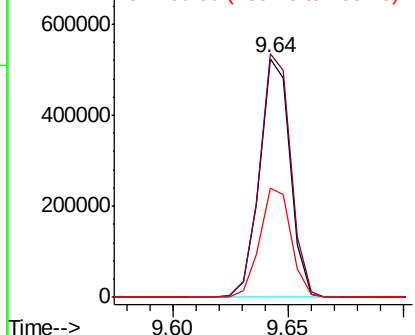
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 484589
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 45.6 37.0 55.4

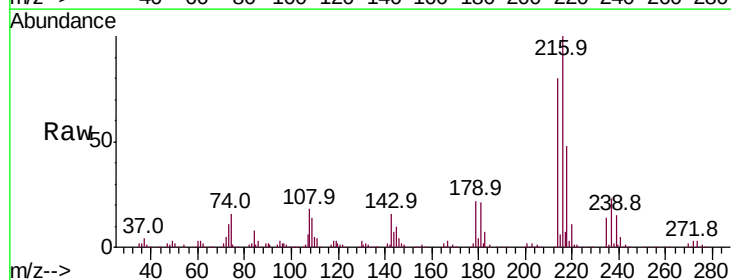


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

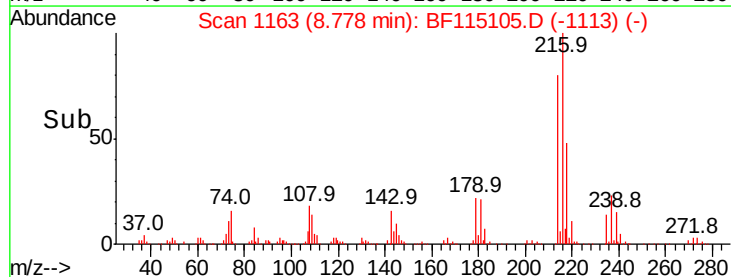
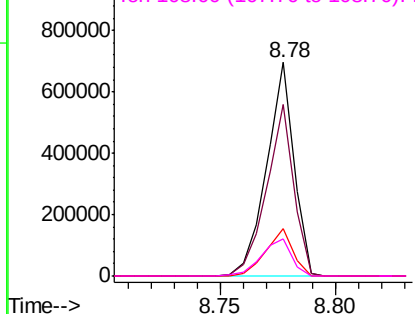


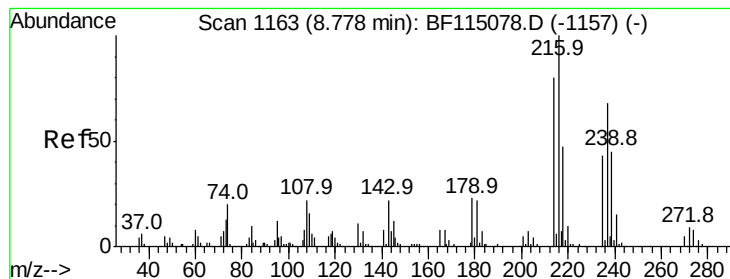
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.998 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:216 Resp: 575108
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 22.1 17.6 26.4
108 19.3 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.180 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

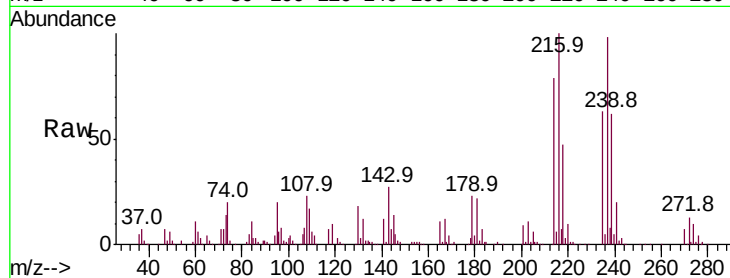
Tot Ion:237 Resp: 326259

Ion Ratio Lower Upper

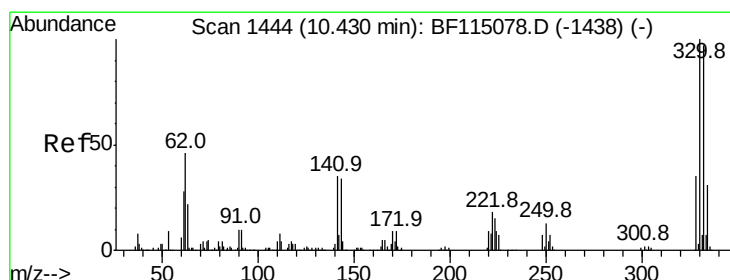
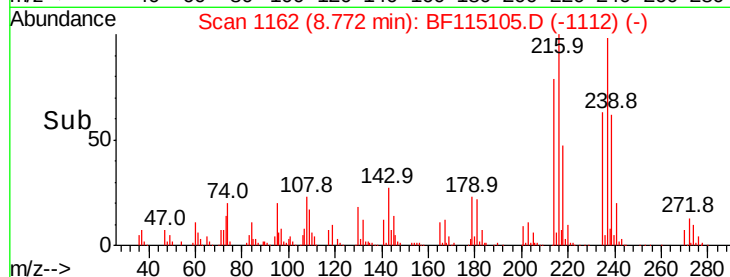
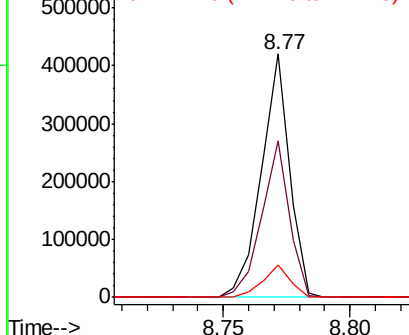
237 100

235 64.3 43.9 83.9

272 13.2 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.477 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

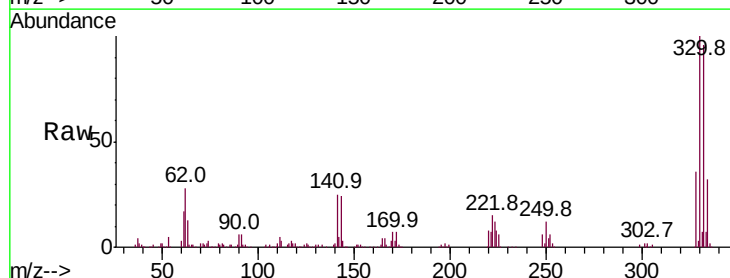
Tgt Ion:330 Resp: 436802

Ion Ratio Lower Upper

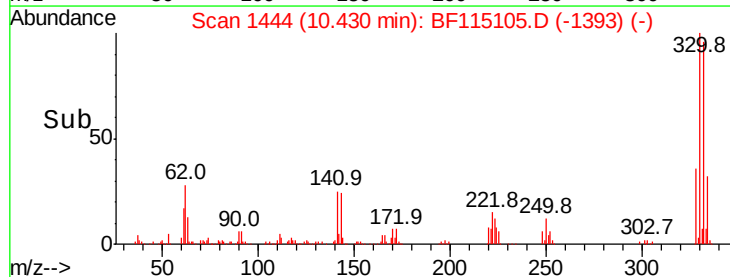
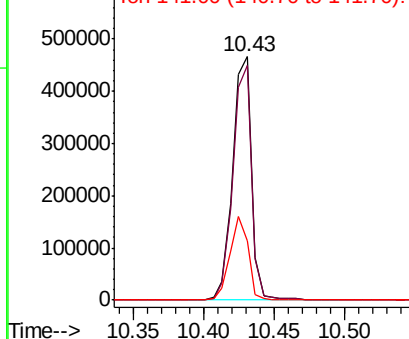
330 100

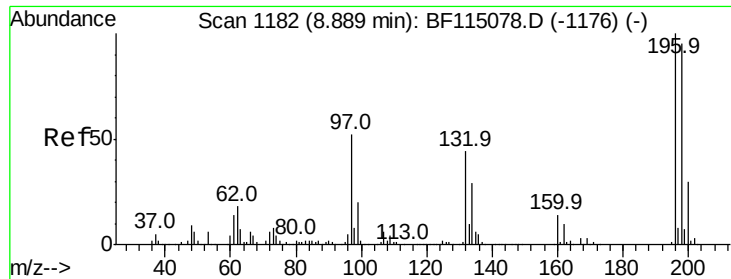
332 96.2 77.3 115.9

141 33.7 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

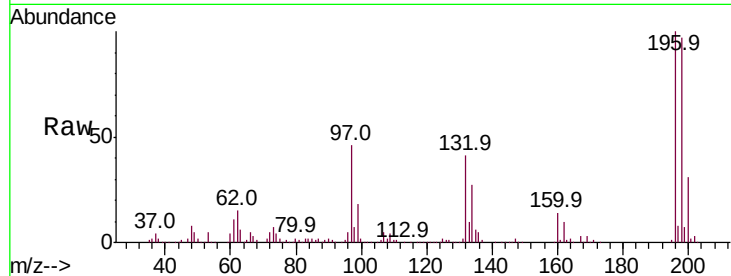




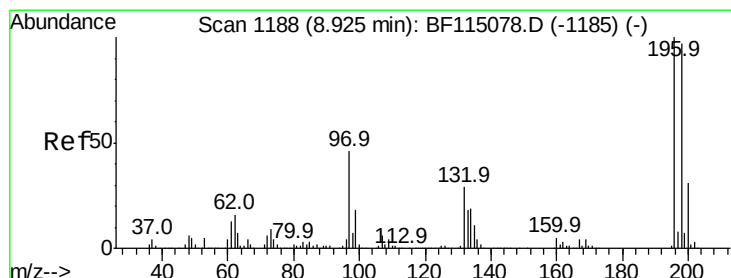
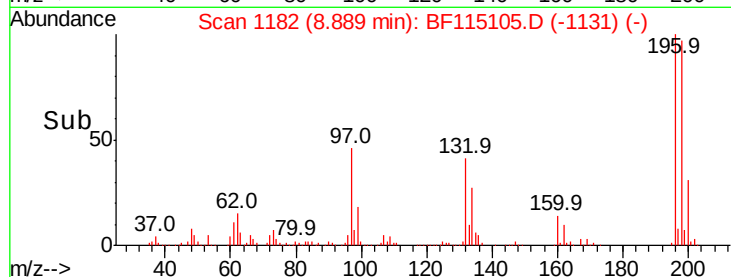
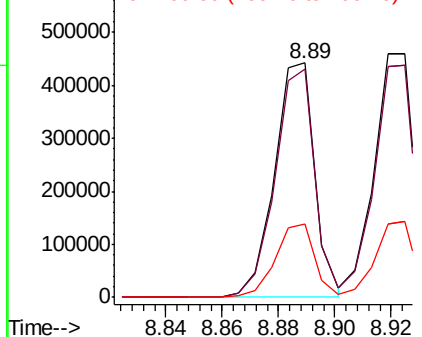
#43
 2,4,6-Trichlorophenol
 Concen: 41.351 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 437163
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 200 31.4 24.2 36.4

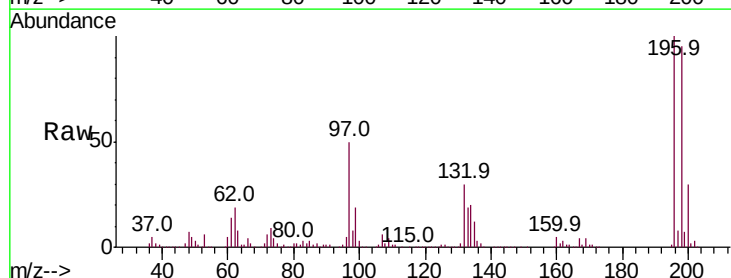


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

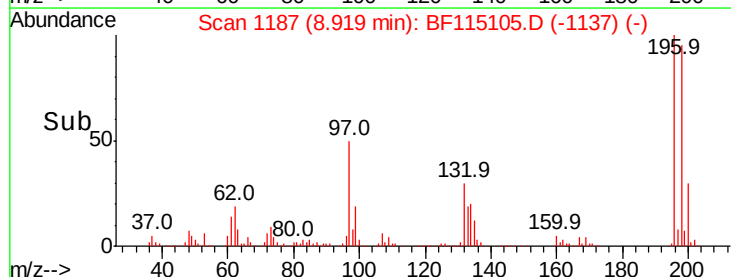
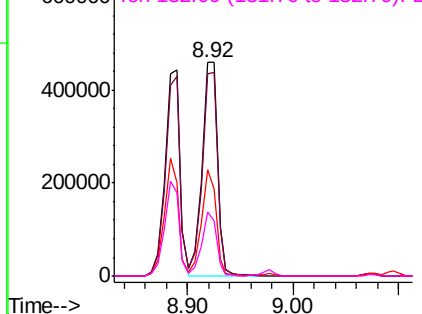


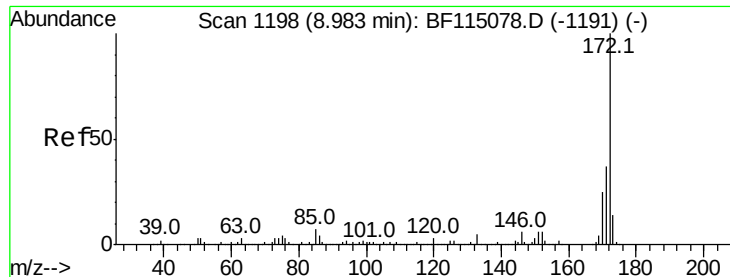
#44
 2,4,5-Trichlorophenol
 Concen: 42.376 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion:196 Resp: 461348
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.1 115.7
 97 49.9 37.7 56.5
 132 30.0 23.1 34.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

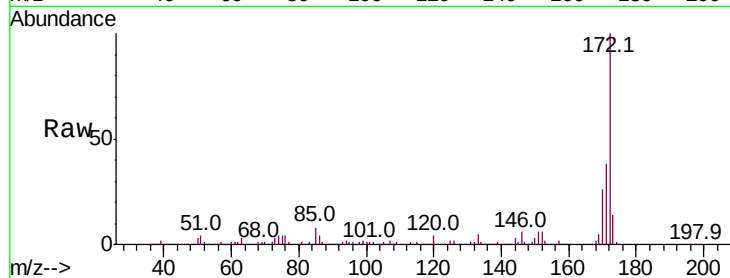




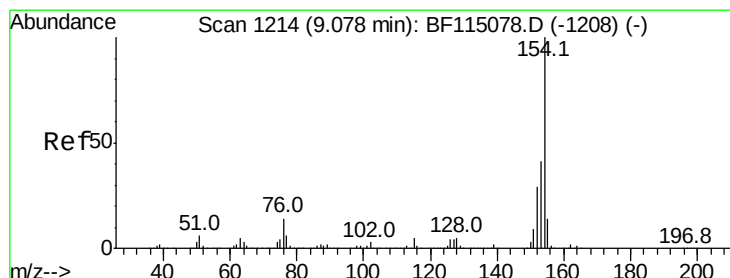
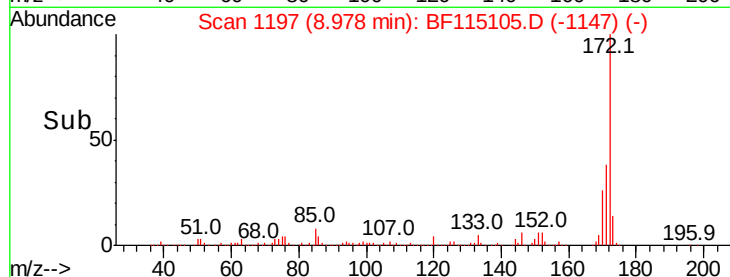
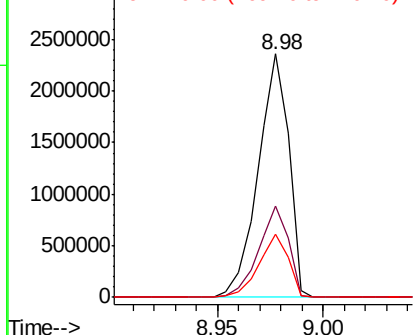
#45
2-Fluorobiphenyl
Concen: 83.162 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2372468
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 26.0 20.3 30.5

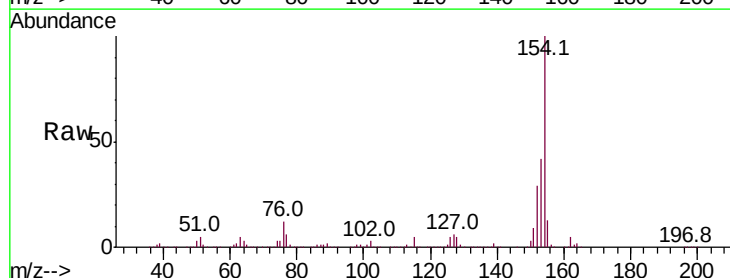


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

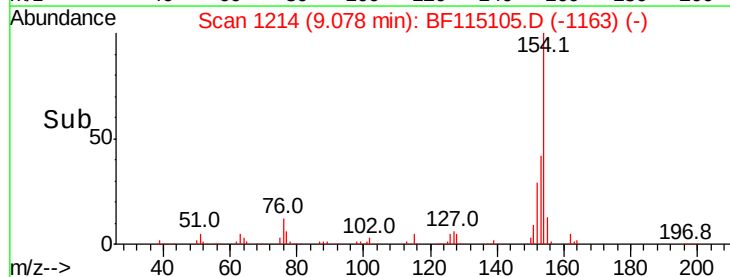
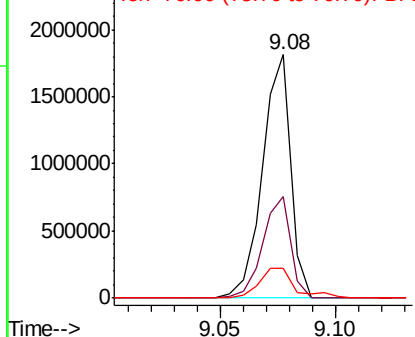


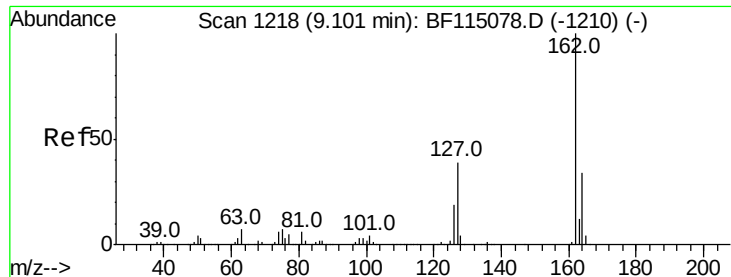
#46
1,1'-Biphenyl
Concen: 39.828 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:154 Resp: 1544291
Ion Ratio Lower Upper
154 100
153 41.6 20.9 60.9
76 12.5 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

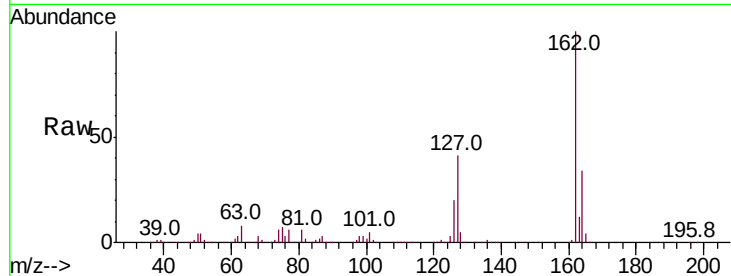




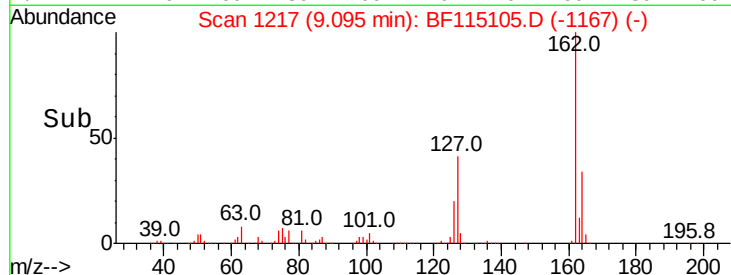
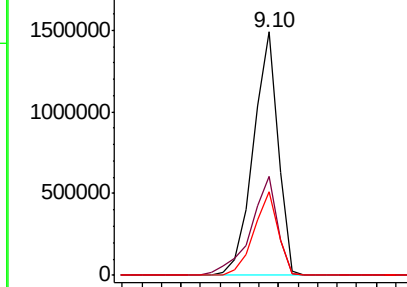
#47
 2-Chloronaphthalene
 Concen: 41.561 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1307156
 Ion Ratio Lower Upper
 162 100
 127 40.7 30.8 46.2
 164 34.1 27.0 40.4

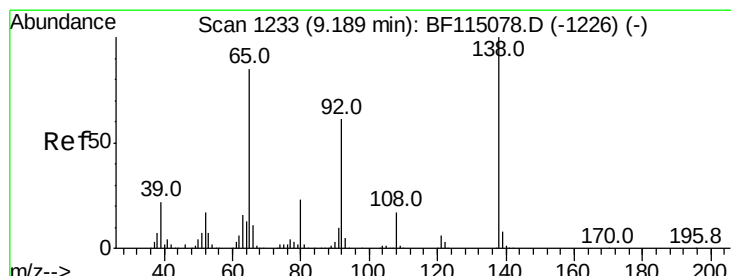


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

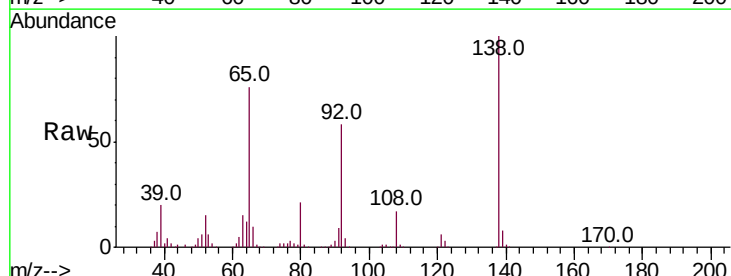
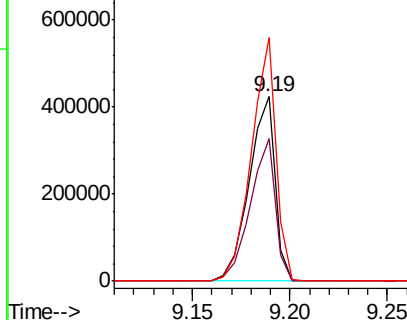


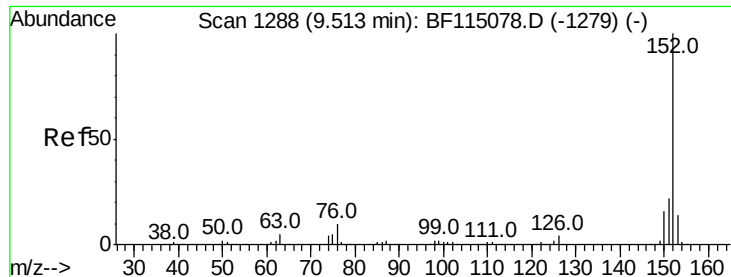
#48
 2-Nitroaniline
 Concen: 42.571 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion: 65 Resp: 390350
 Ion Ratio Lower Upper
 65 100
 92 76.9 57.4 86.2
 138 131.8 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.932 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

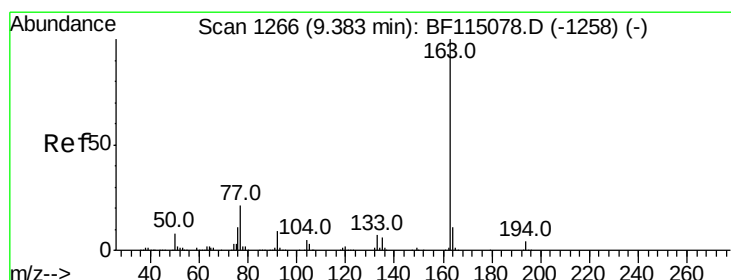
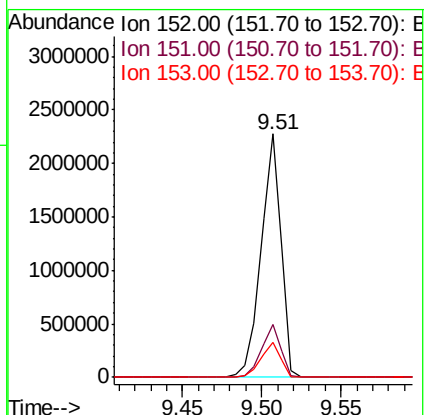
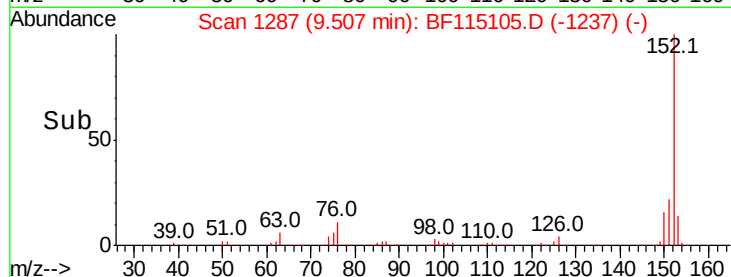
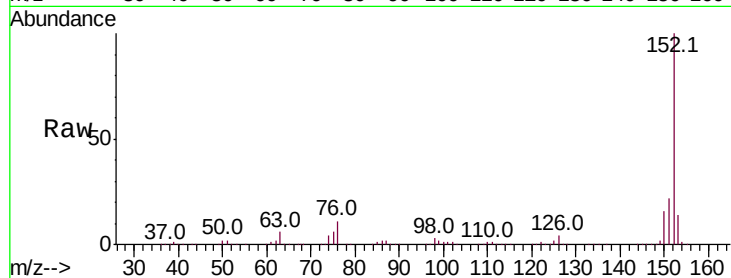
Tot Ion:152 Resp: 2005777

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

153 14.3 11.0 16.6



#50

Dimethylphthalate

Concen: 41.076 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

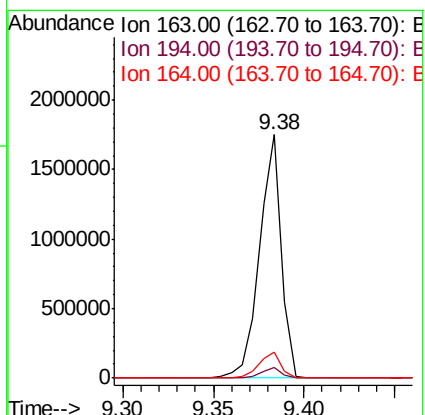
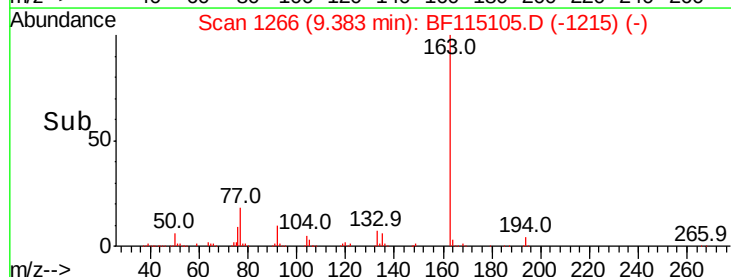
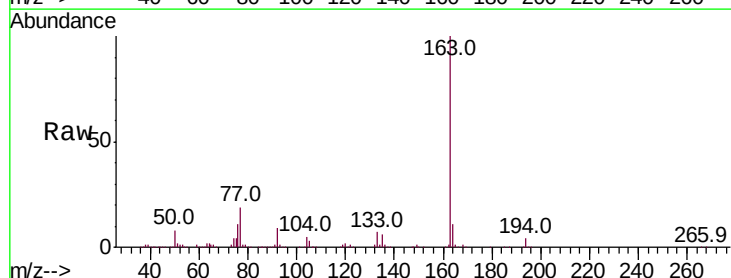
Tgt Ion:163 Resp: 1464461

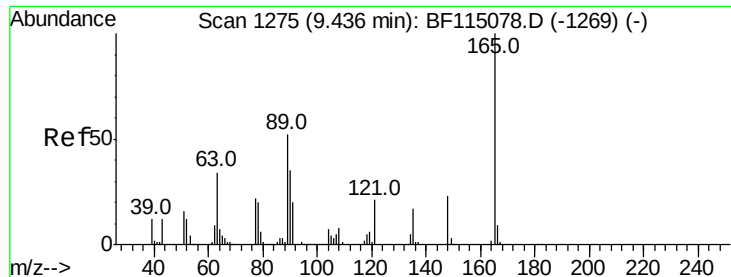
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.7 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 42.670 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

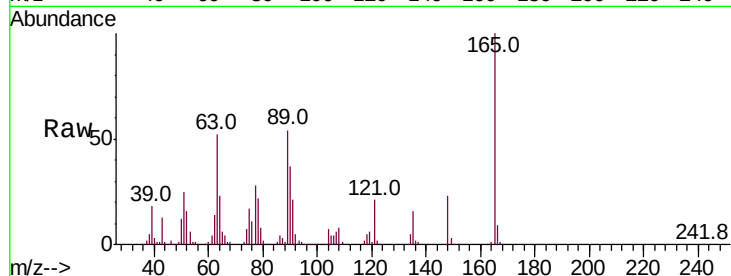
Tot Ion:165 Resp: 351215

Ion Ratio Lower Upper

165 100

63 51.9 39.4 59.2

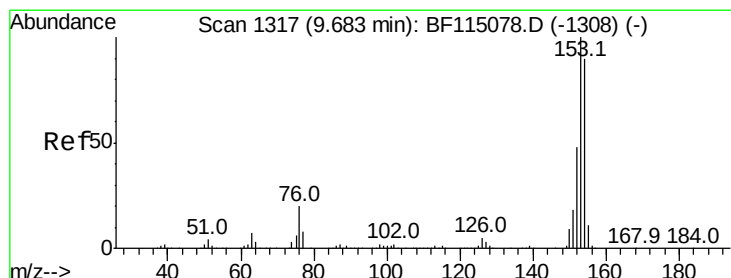
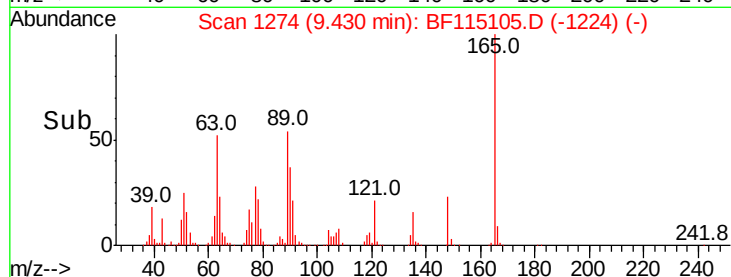
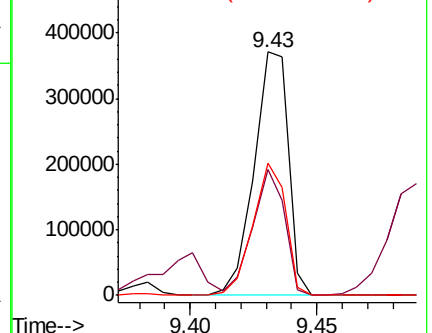
89 54.4 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.185 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

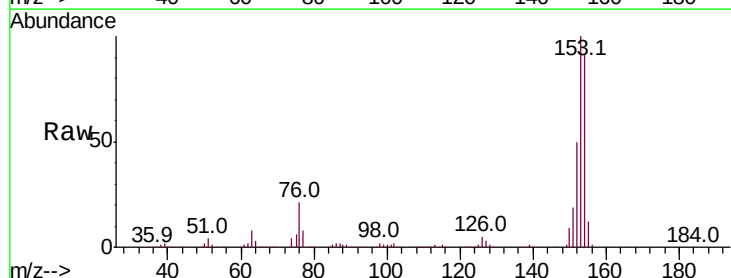
Tgt Ion:154 Resp: 1262858

Ion Ratio Lower Upper

154 100

153 110.3 88.7 133.1

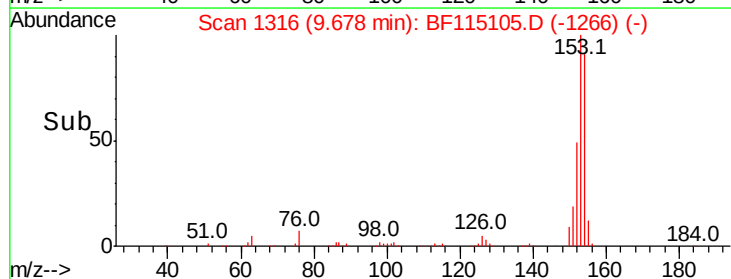
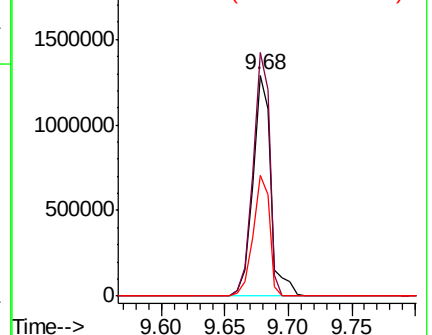
152 54.7 42.6 64.0

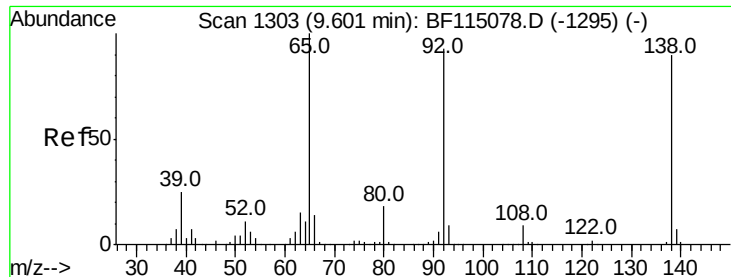


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

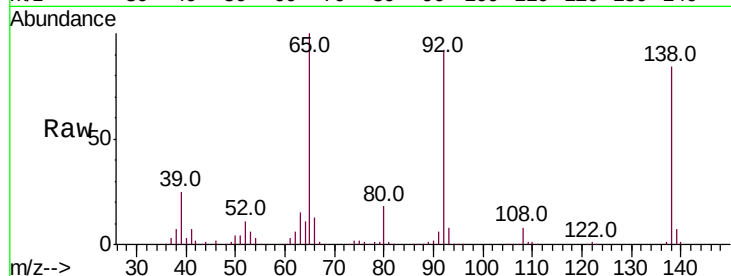




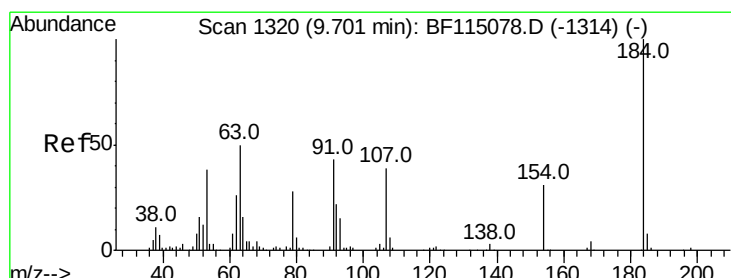
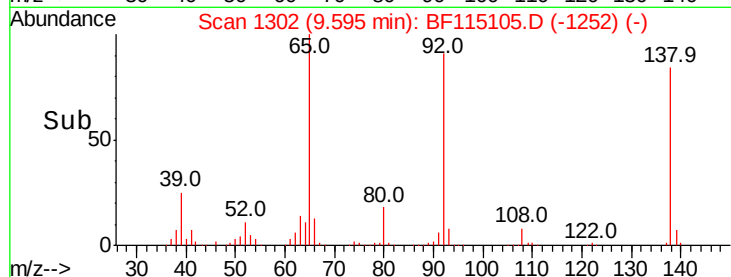
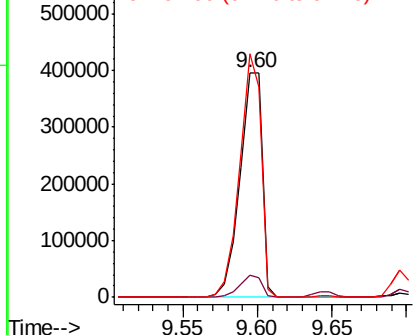
#53
 3-Nitroaniline
 Concen: 41.184 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 413674
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.6
 92 108.4 82.9 124.3

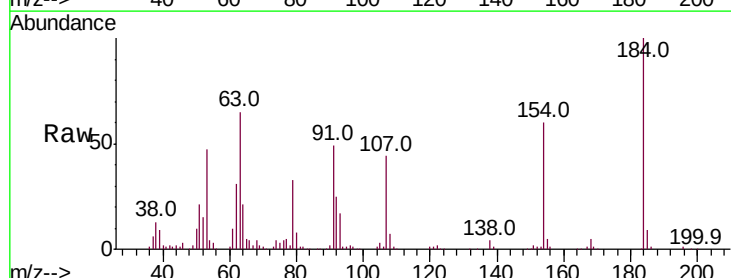


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

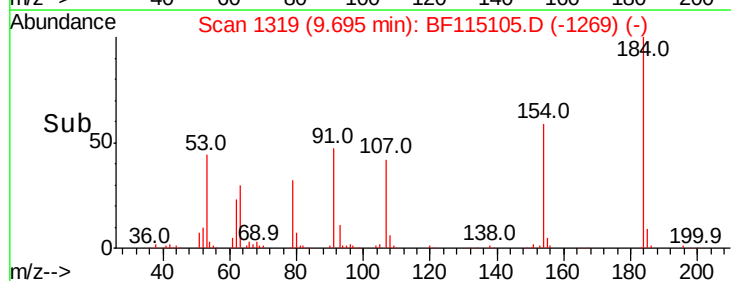
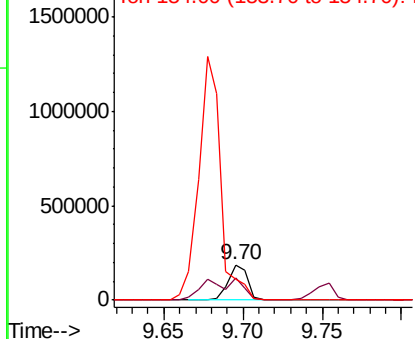


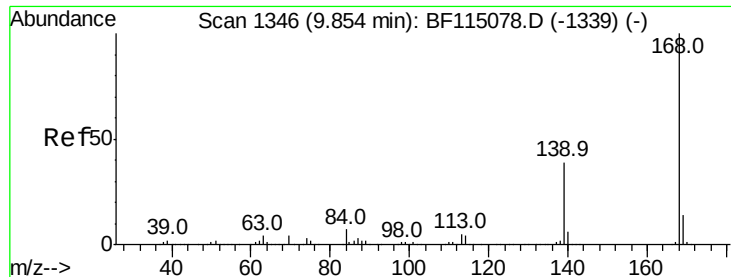
#54
 2,4-Dinitrophenol
 Concen: 41.859 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion:184 Resp: 160961
 Ion Ratio Lower Upper
 184 100
 63 64.8 41.9 62.9#
 154 59.6 44.7 67.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.020 ng

RT: 9.85 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

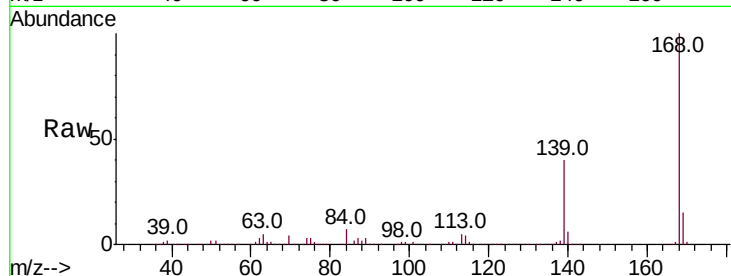
Tot Ion:168 Resp: 1761301

Ion Ratio Lower Upper

168 100

139 39.5 31.1 46.7

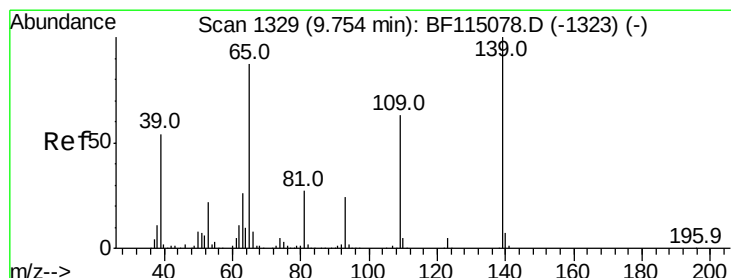
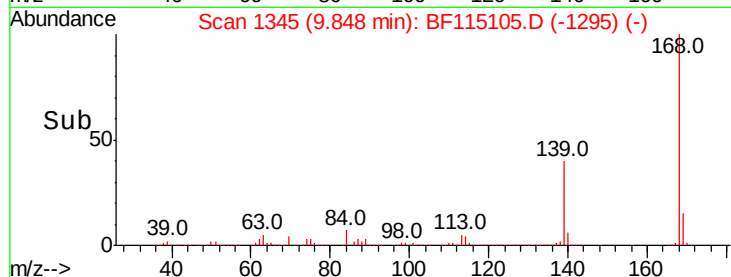
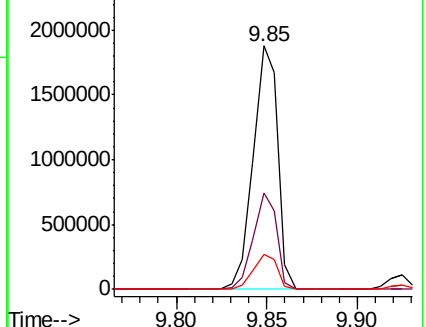
169 14.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.435 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

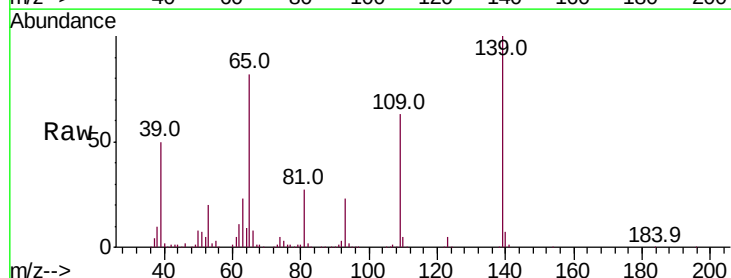
Tgt Ion:139 Resp: 325612

Ion Ratio Lower Upper

139 100

109 63.4 43.0 83.0

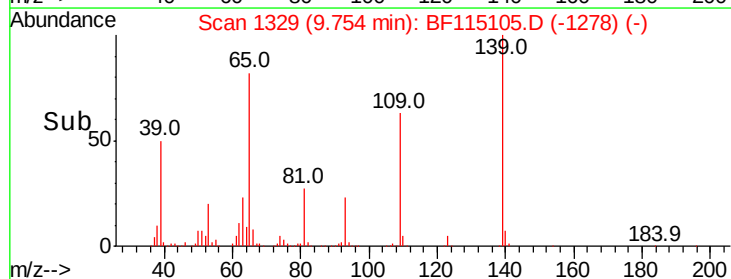
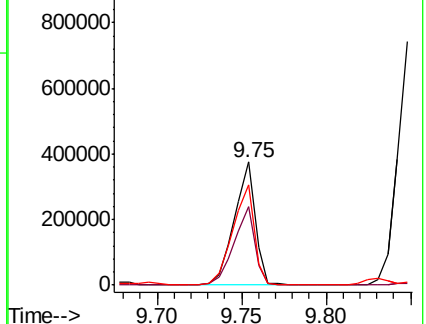
65 81.7 67.0 107.0

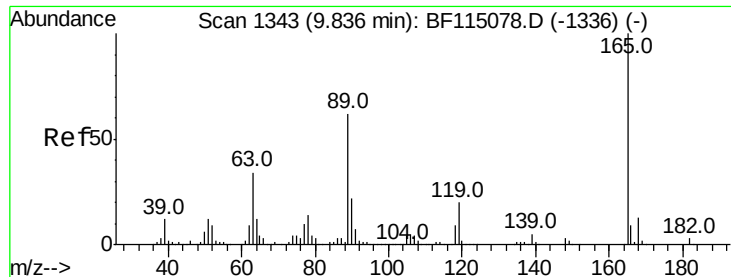


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

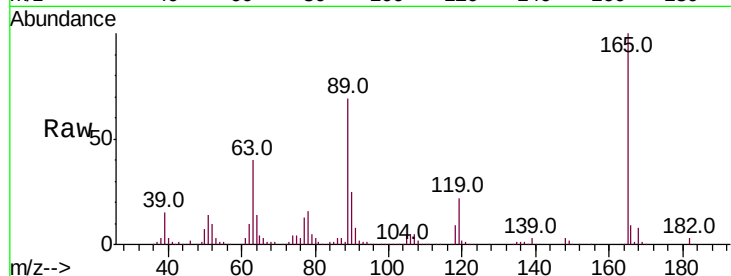




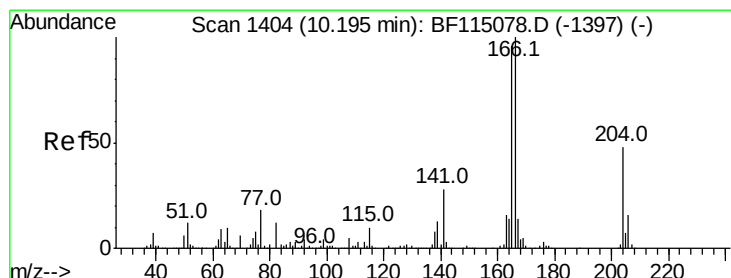
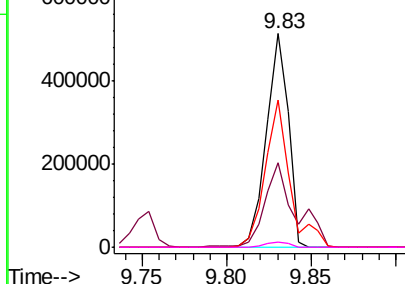
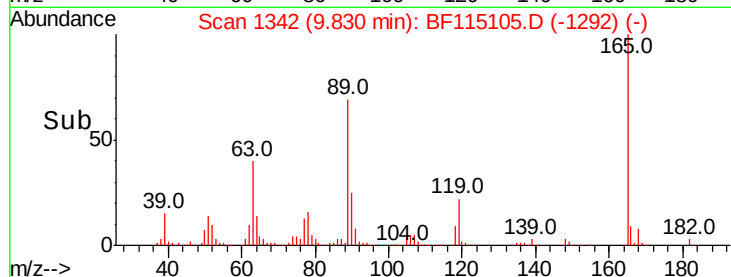
#57
2,4-Dinitrotoluene
Concen: 43.432 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	461589
Ion	Ratio	Lower	Upper
165	100		
63	39.7	27.5	41.3
89	69.1	49.9	74.9
182	2.6	2.1	3.1

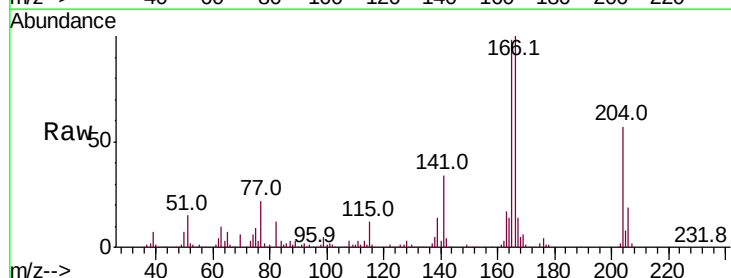


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

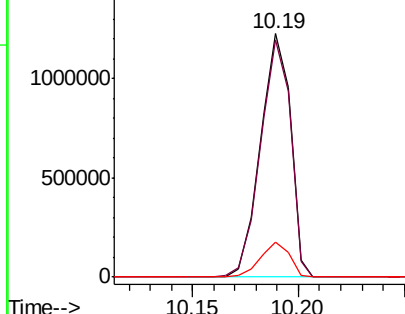
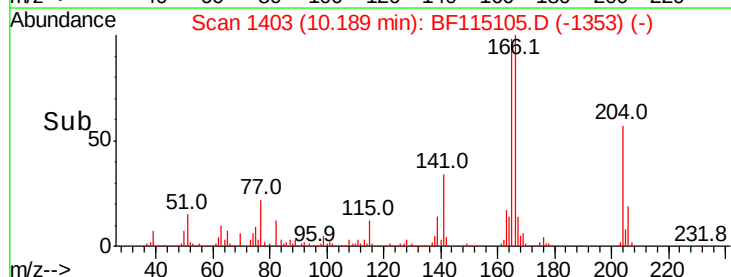


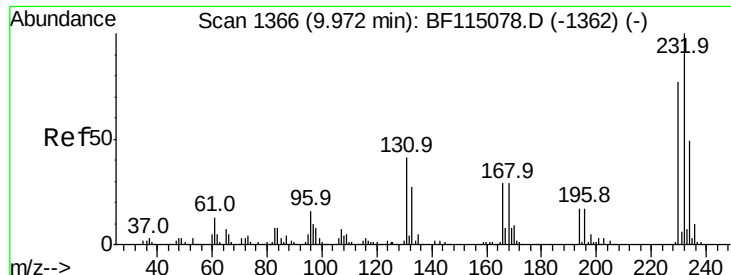
#58
Fluorene
Concen: 41.000 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:	166	Resp:	1218526
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.5	114.7
167	14.1	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

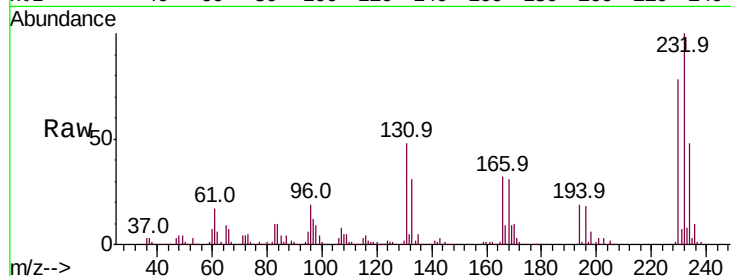




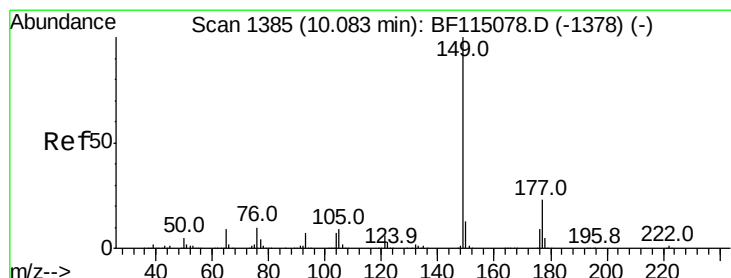
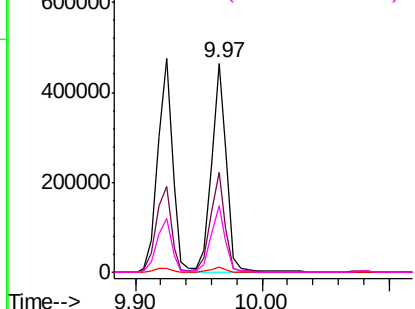
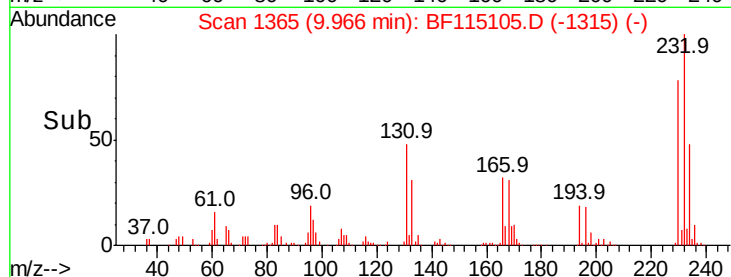
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.295 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	386114
Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.4	56.0
130	2.3	1.8	2.6
166	30.5	24.6	36.8

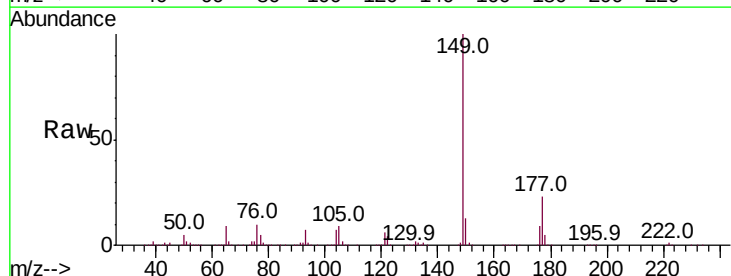


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

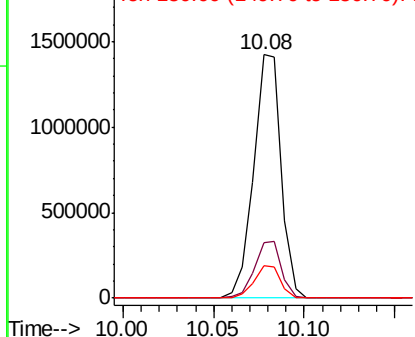
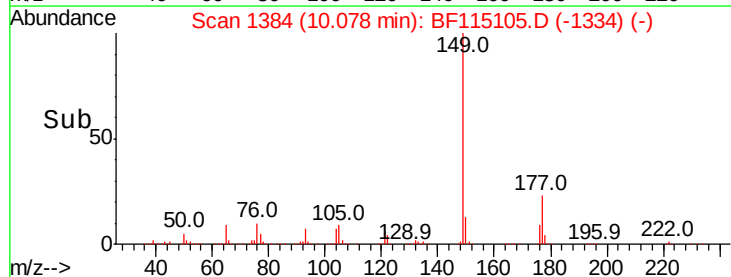


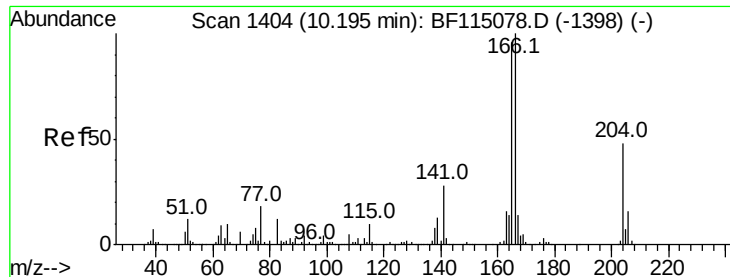
#60
 Diethylphthalate
 Concen: 41.616 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion:	149	Resp:	1491428
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.7	28.1
150	13.1	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

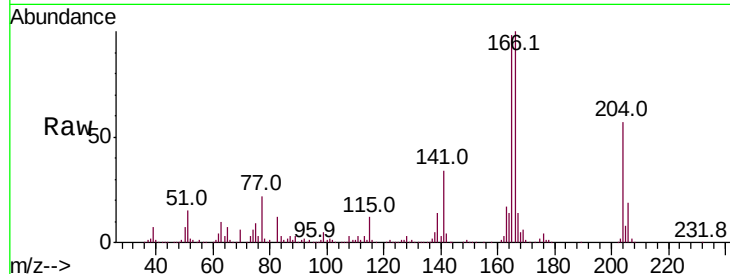




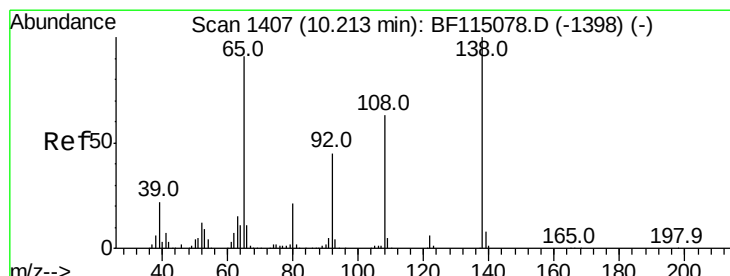
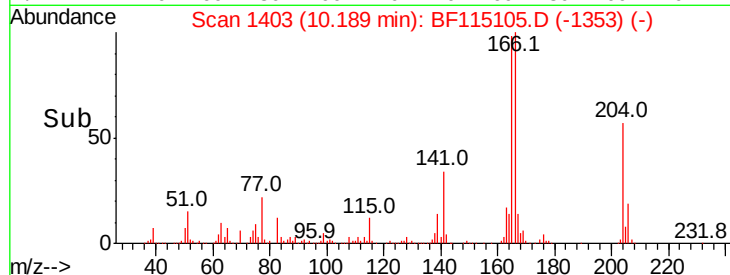
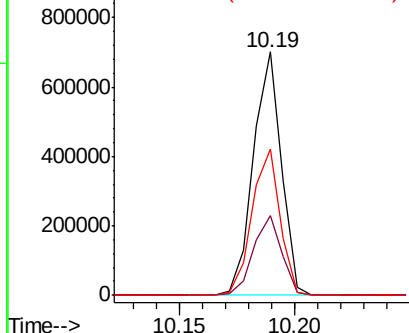
#61
4-Chlorophenyl-phenylether
Concen: 42.329 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	60.1	46.7	70.1

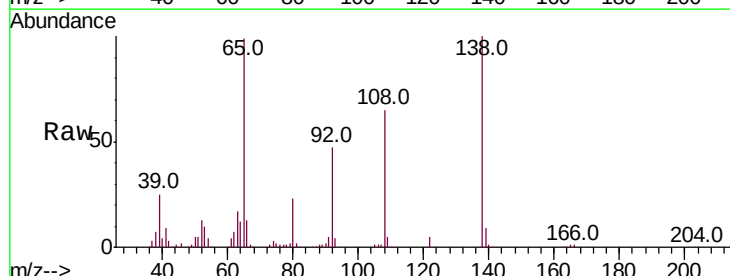


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

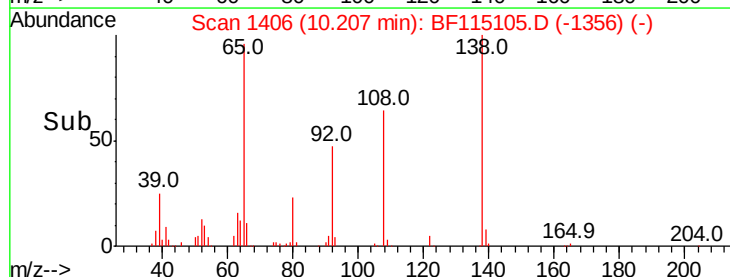
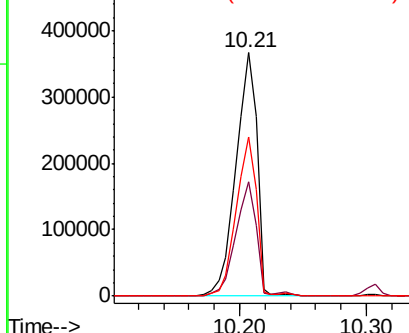


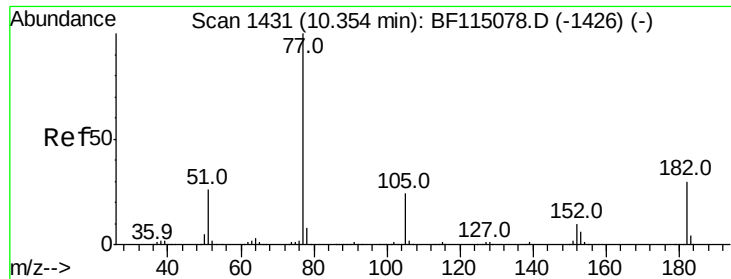
#62
4-Nitroaniline
Concen: 41.542 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	24.8	64.8
108	65.2	43.3	83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

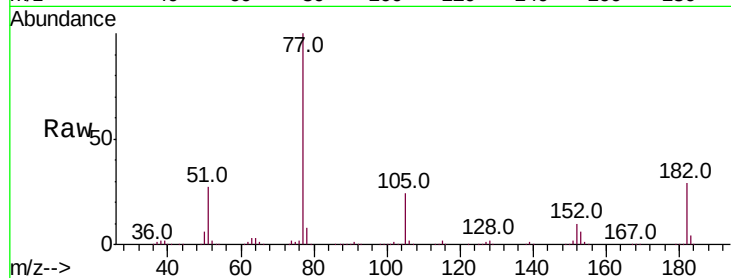




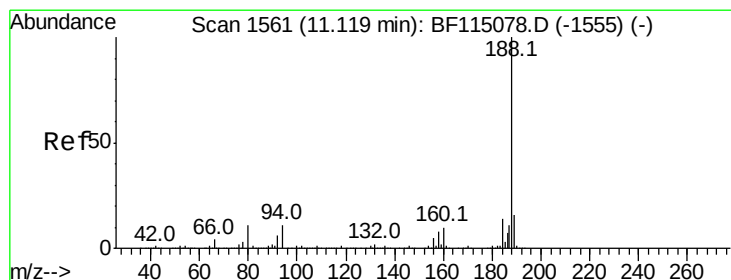
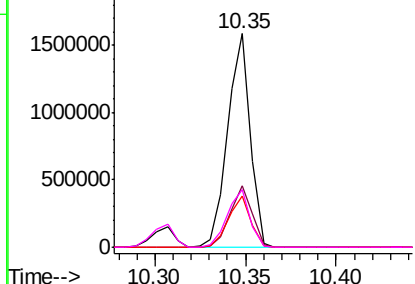
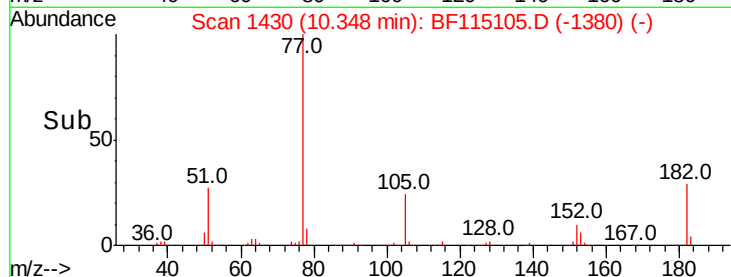
#63
Azobenzene
Concen: 41.025 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1373245
Ion Ratio Lower Upper
77 100
182 28.6 10.1 50.1
105 24.1 4.5 44.5
51 27.0 6.4 46.4

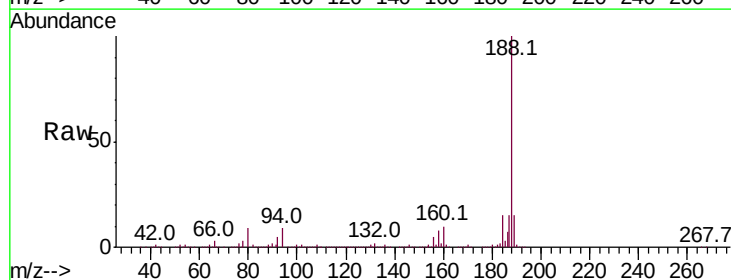


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

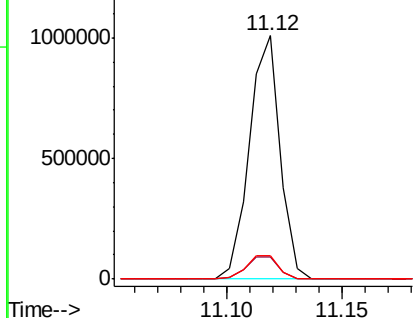
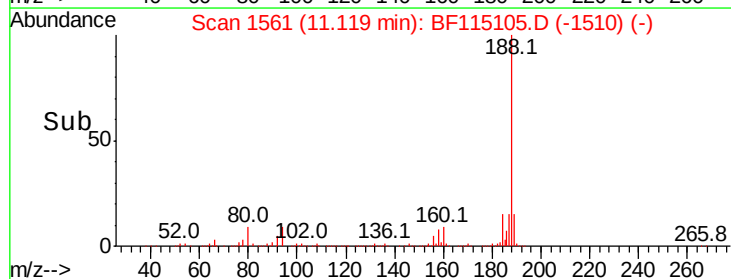


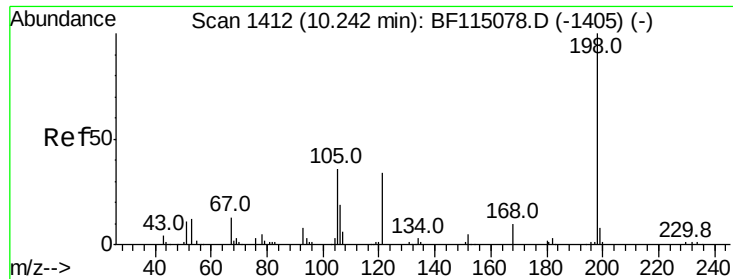
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:188 Resp: 937513
Ion Ratio Lower Upper
188 100
94 9.1 8.6 12.8
80 9.5 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

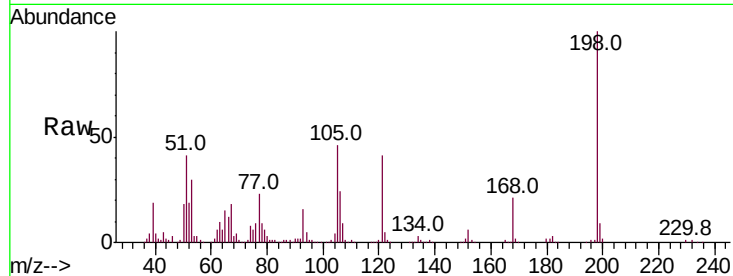




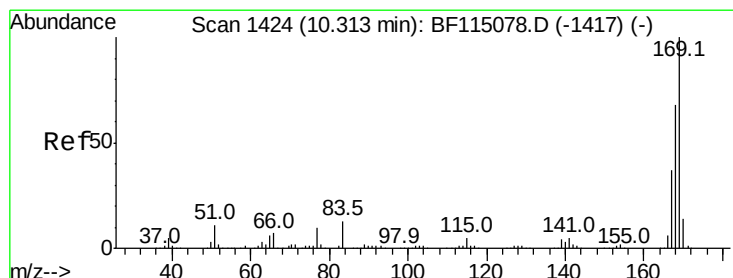
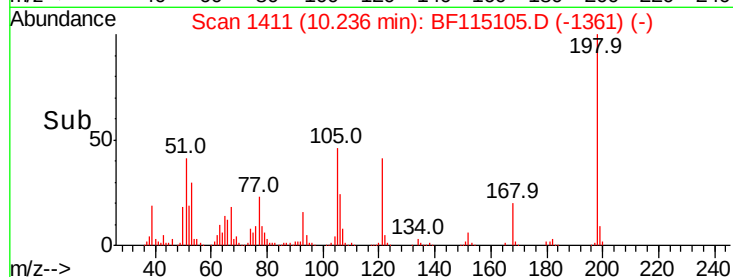
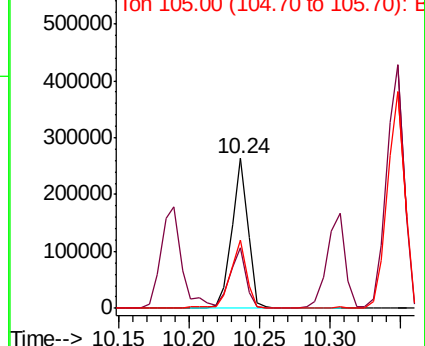
#65
4,6-Dinitro-2-methylphenol
Concen: 42.864 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 210869
Ion Ratio Lower Upper
198 100
51 40.7 11.0 51.0
105 45.8 17.3 57.3

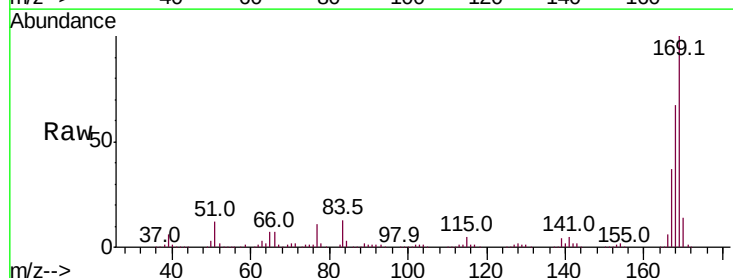


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

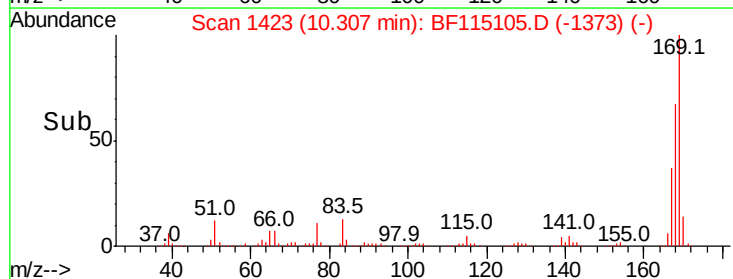
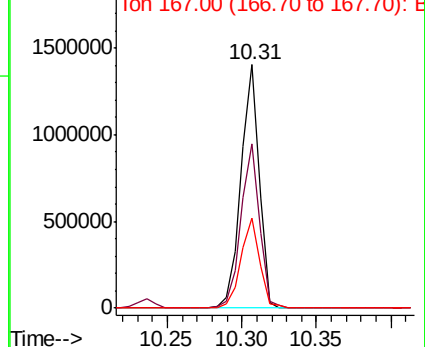


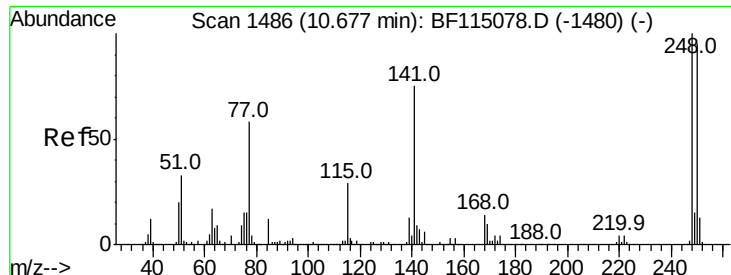
#66
n-Nitrosodiphenylamine
Concen: 41.219 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:169 Resp: 1203932
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.4
167 36.9 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

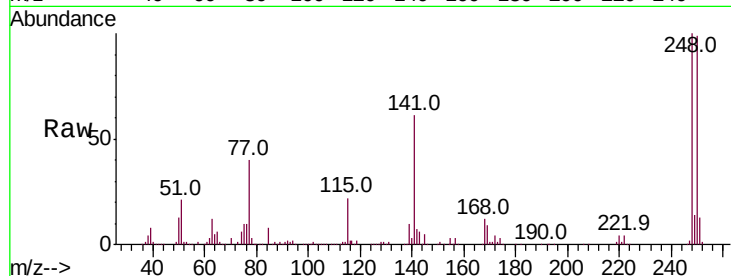




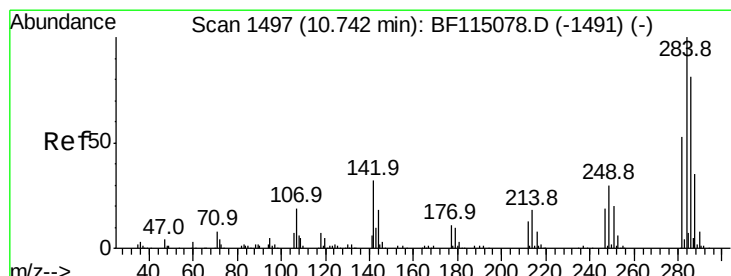
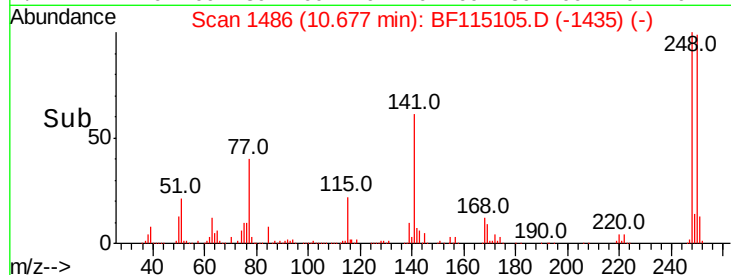
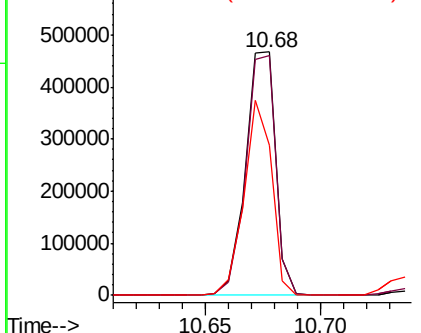
#67
 4-Bromophenyl-phenylether
 Concen: 42.162 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.2	114.2
141	61.5	59.6	89.4

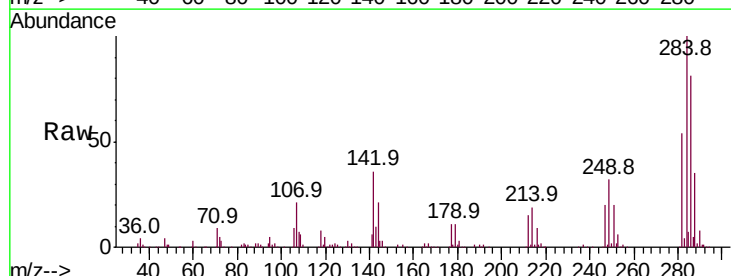


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

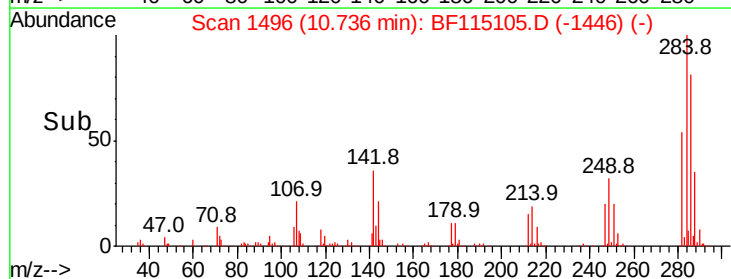
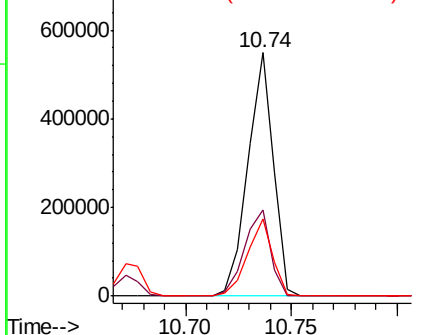


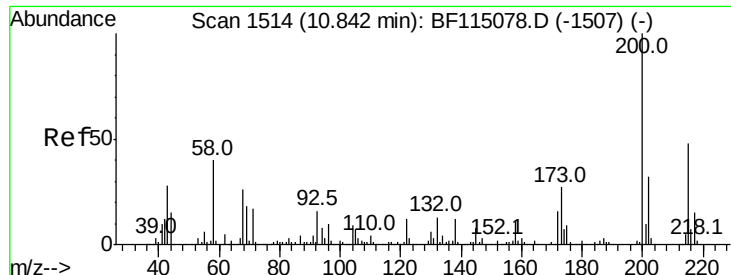
#68
 Hexachlorobenzene
 Concen: 41.884 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	25.8	38.8
249	32.0	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

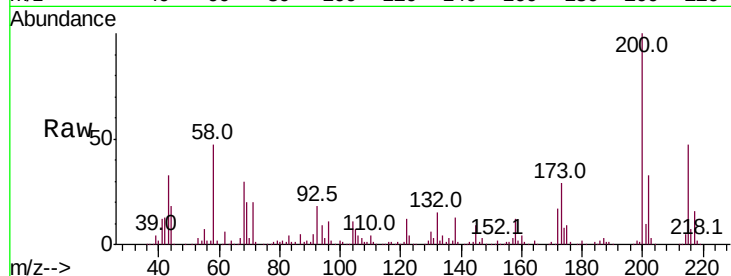




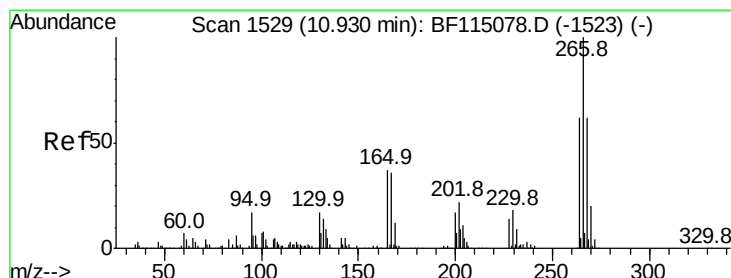
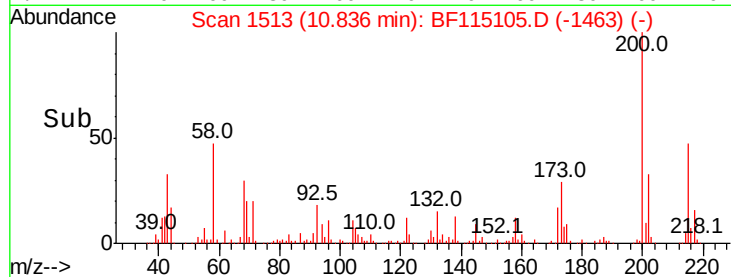
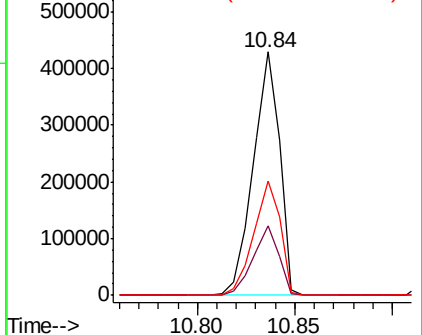
#69
Atrazine
Concen: 42.768 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.4	47.4
215	47.1	27.8	67.8

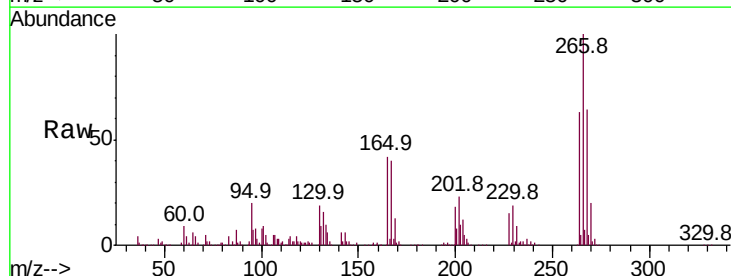


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

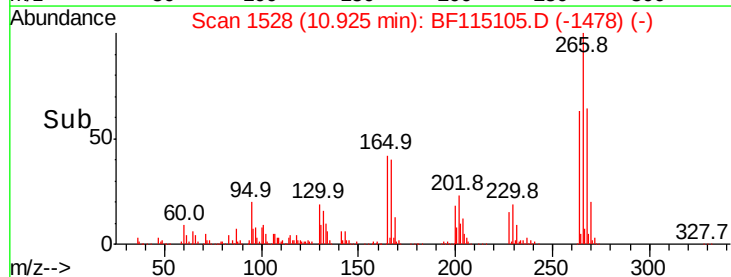
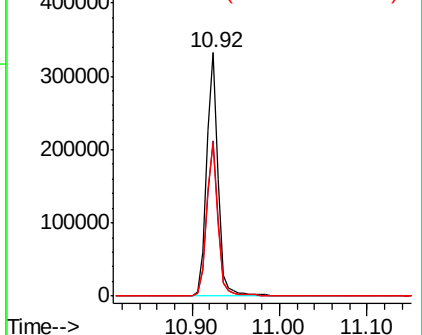


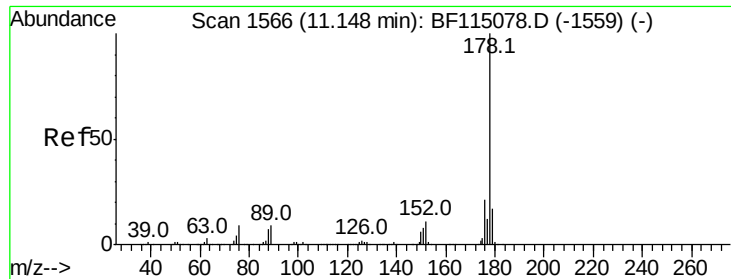
#70
Pentachlorophenol
Concen: 43.090 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.5	74.3
264	62.9	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.977 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

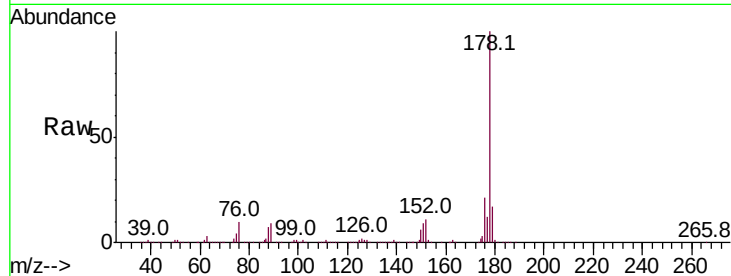
Tot Ion:178 Resp: 2017908

Ion Ratio Lower Upper

178 100

176 21.0 16.9 25.3

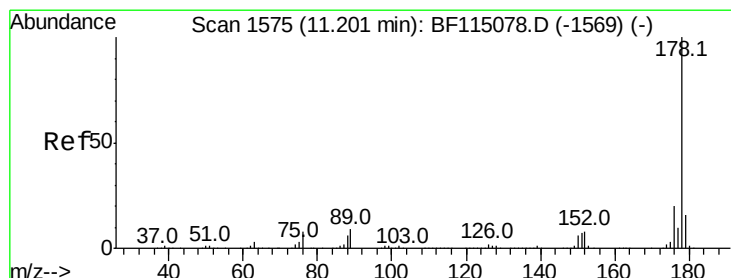
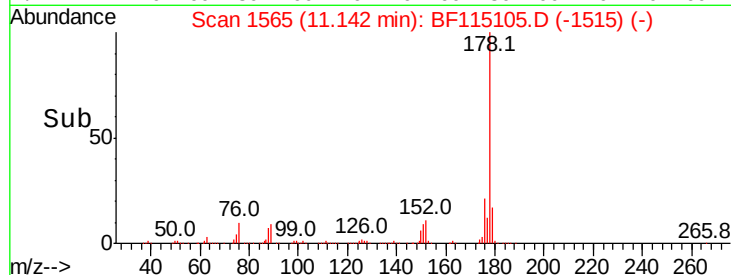
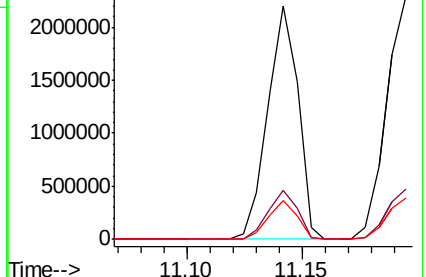
179 16.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.527 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

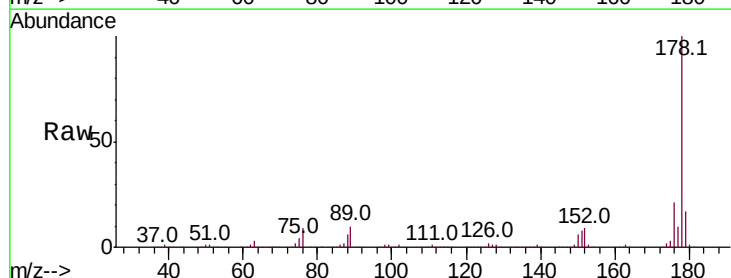
Tgt Ion:178 Resp: 2014035

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

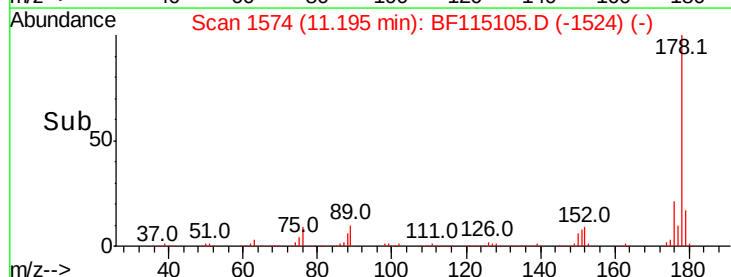
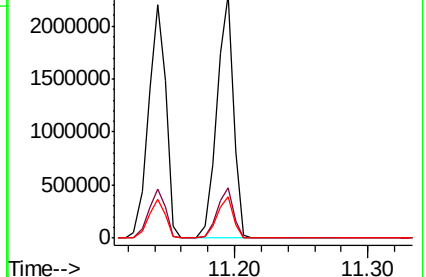
179 16.9 12.9 19.3

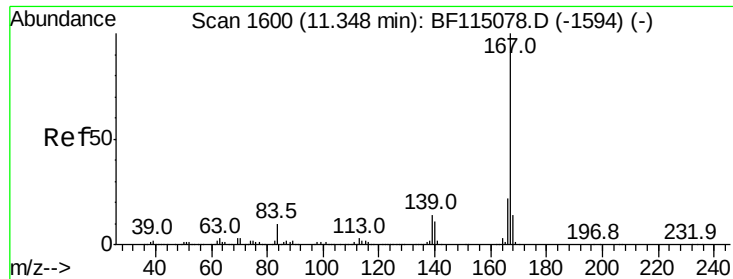


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.653 ng

RT: 11.35 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

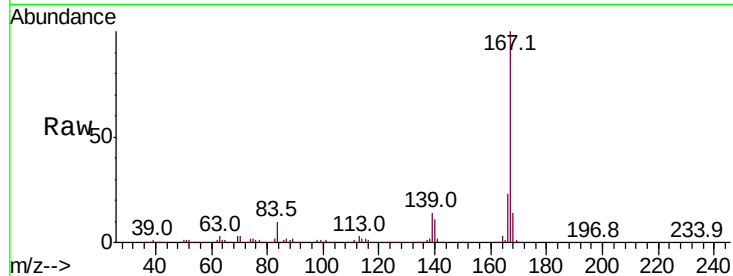
Tot Ion:167 Resp: 1849679

Ion Ratio Lower Upper

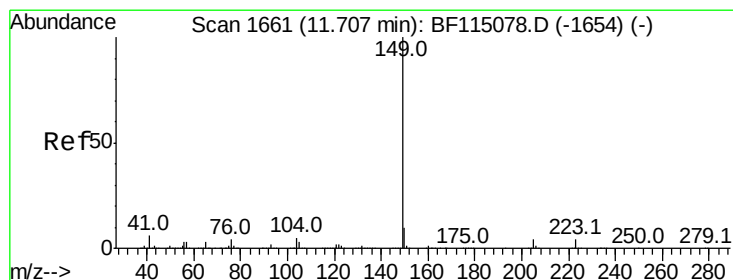
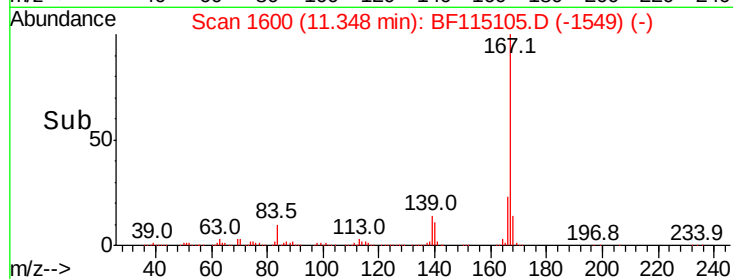
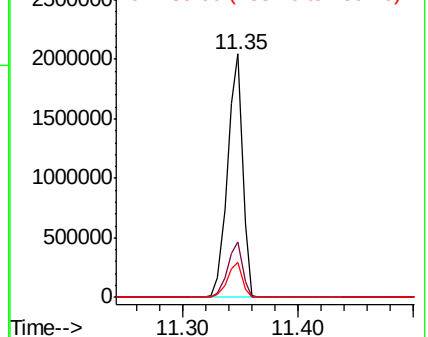
167 100

166 22.8 18.0 27.0

139 14.2 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.335 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

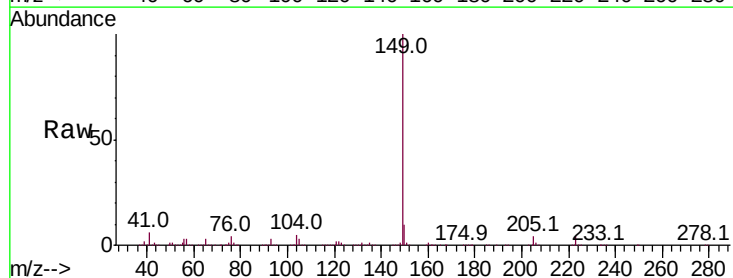
Tgt Ion:149 Resp: 2225823

Ion Ratio Lower Upper

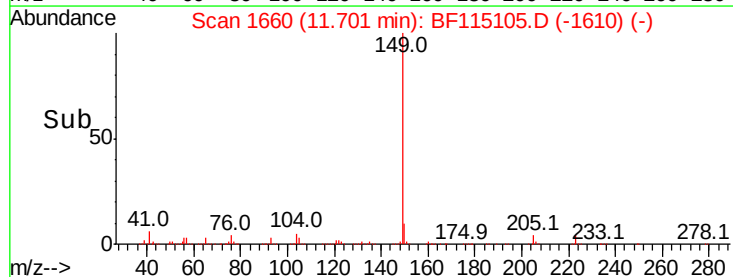
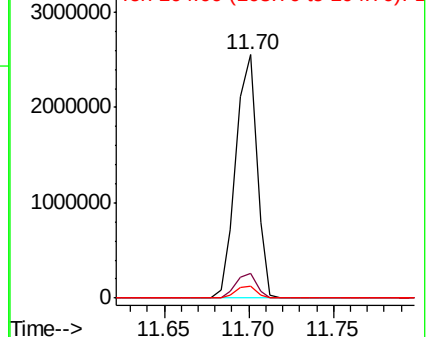
149 100

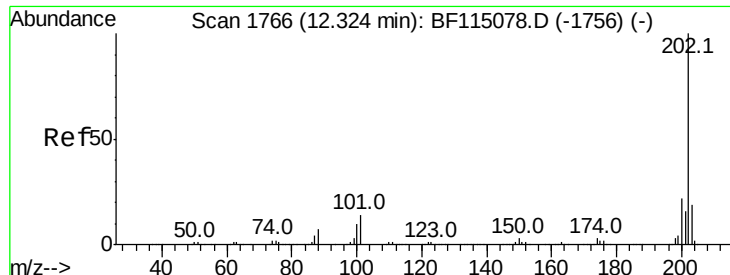
150 10.3 7.8 11.8

104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



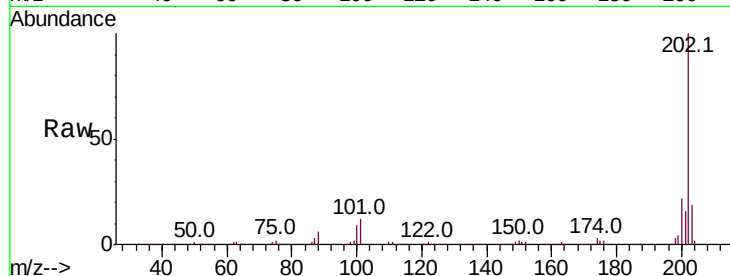


#75
Fluoranthene
 Concen: 41.146 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

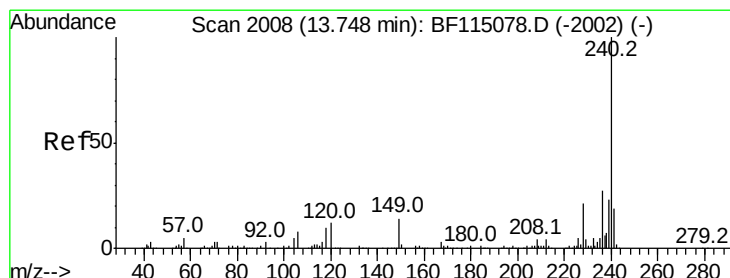
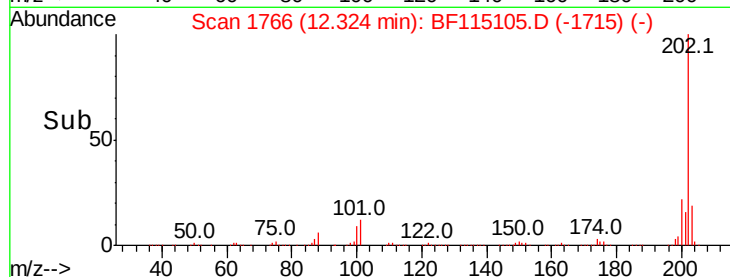
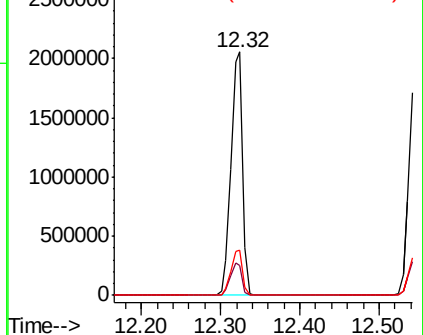
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 2072251

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.0
203	18.5	0.0	38.8



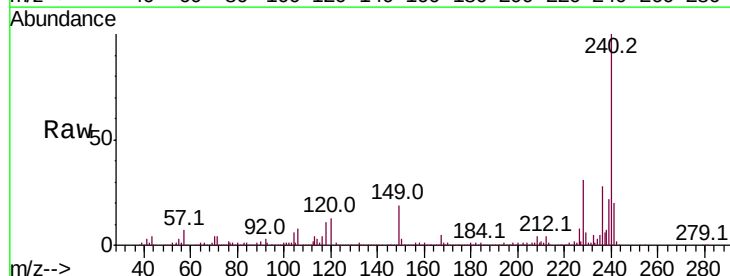
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



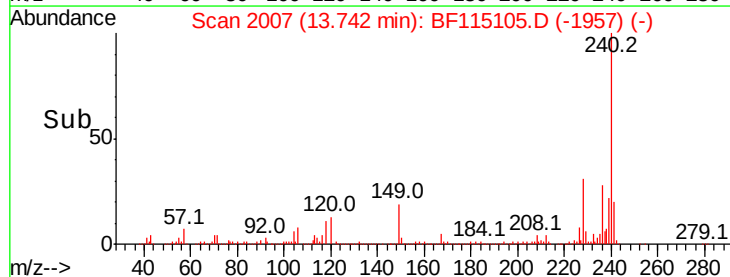
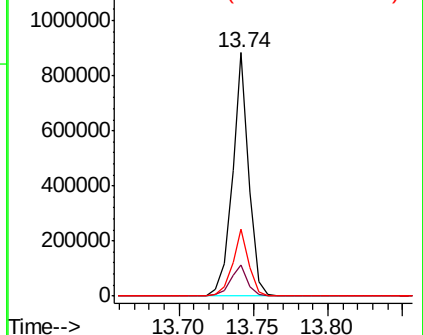
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

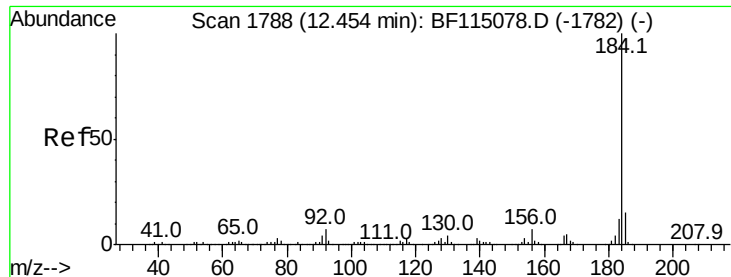
Tgt Ion:240 Resp: 681023

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.4	14.2
236	27.6	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.767 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

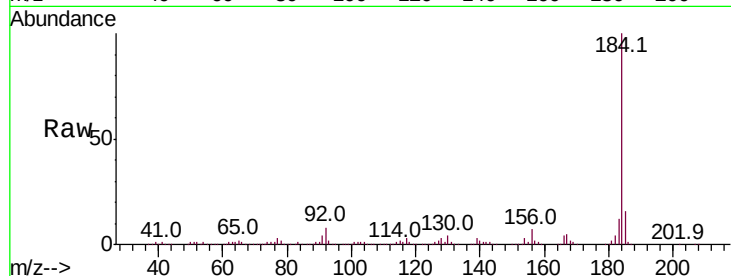
Tot Ion:184 Resp: 1172312

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

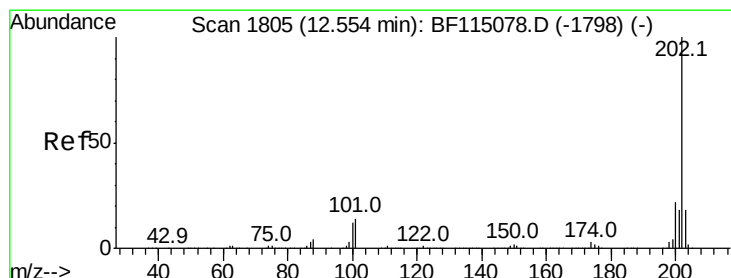
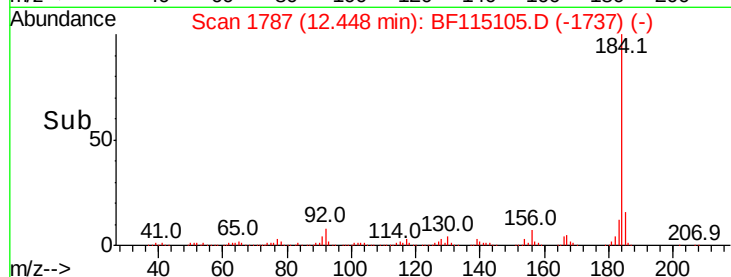
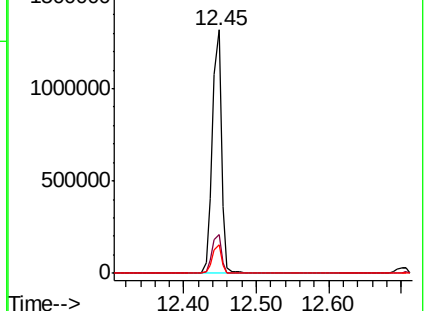
183 12.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.597 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

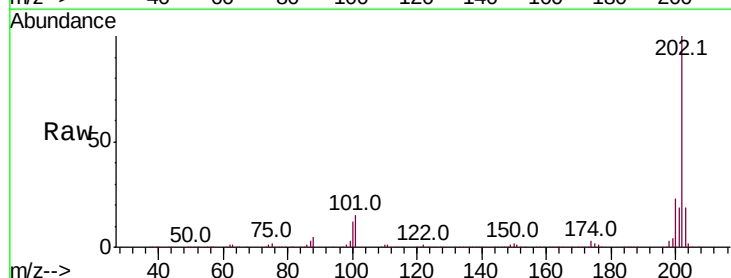
Tgt Ion:202 Resp: 2124713

Ion Ratio Lower Upper

202 100

200 23.5 17.9 26.9

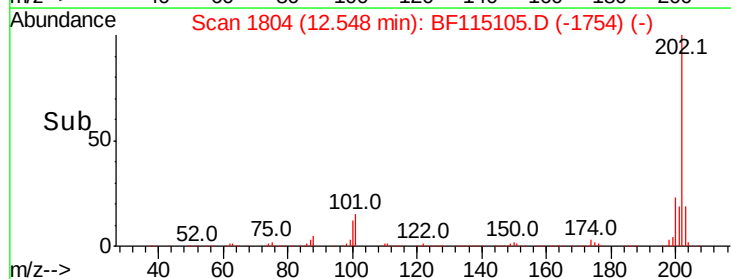
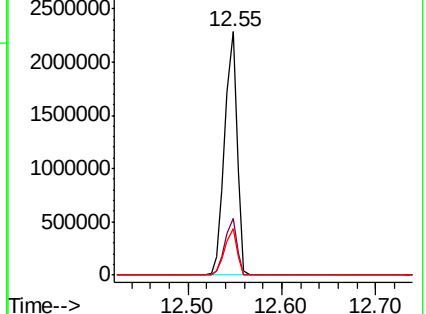
203 18.9 14.6 21.8

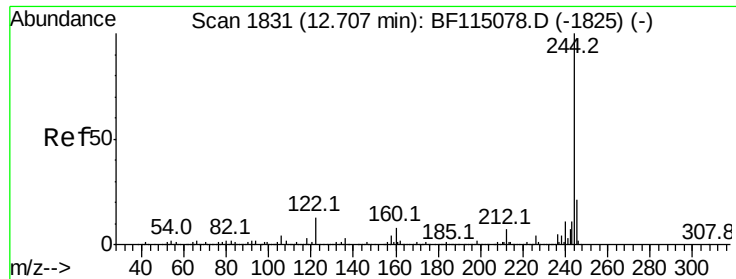


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



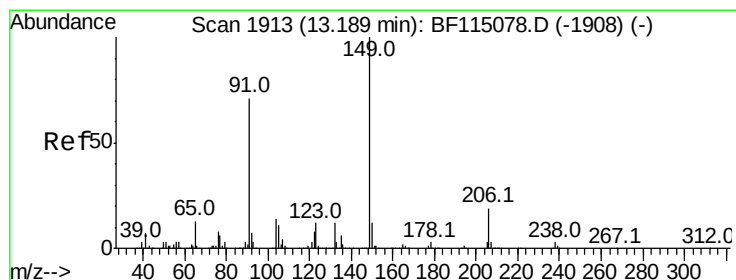
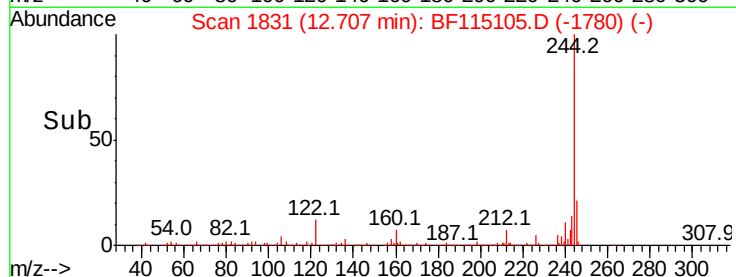
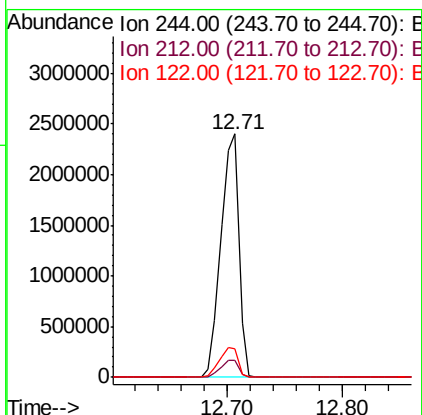
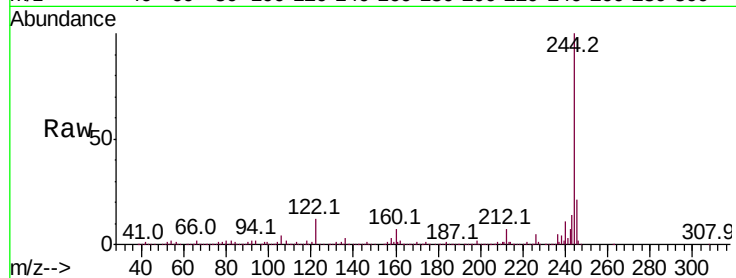


#79
 Terphenyl-d14
 Concen: 81.084 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2597177

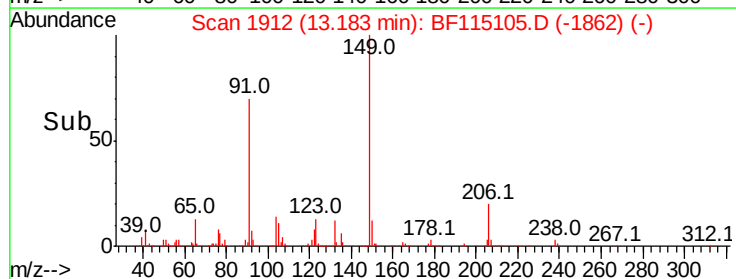
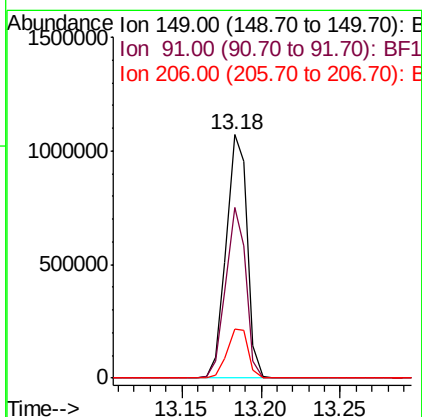
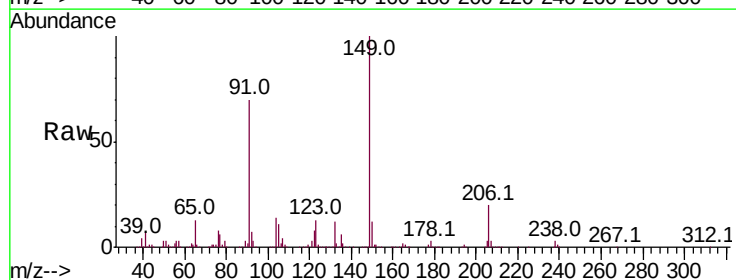
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.6	10.4	15.6

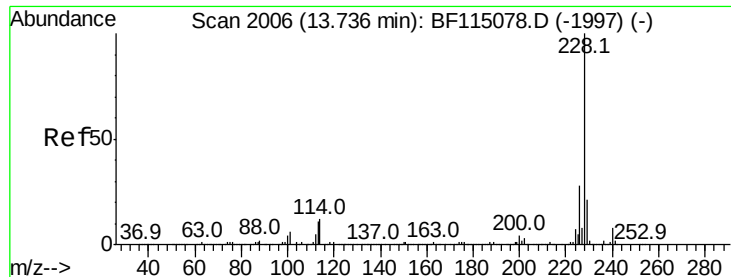


#80
 Butylbenzylphthalate
 Concen: 42.456 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion:149 Resp: 980592

Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.5	84.7
206	20.1	15.3	22.9





#81

Benzo(a)anthracene

Concen: 41.212 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampled :

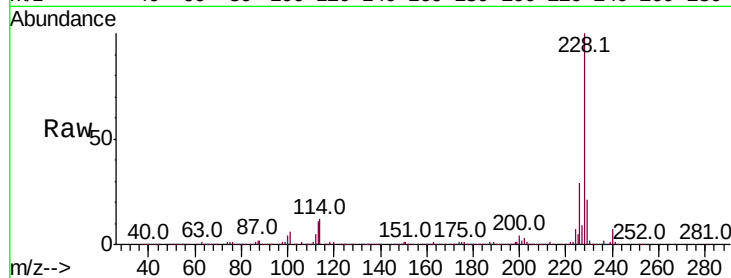
Tot Ion:228 Resp: 2013834

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	21.3	16.6	24.8

228 100

226 28.8 22.5 33.7

229 21.3 16.6 24.8

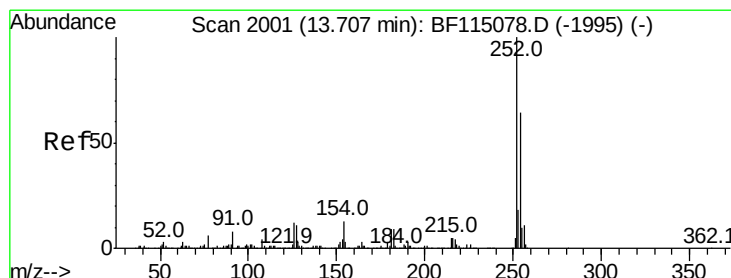
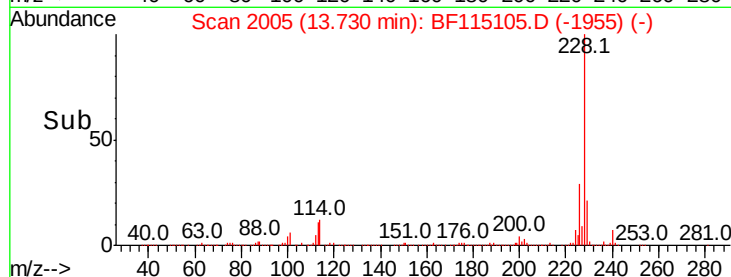
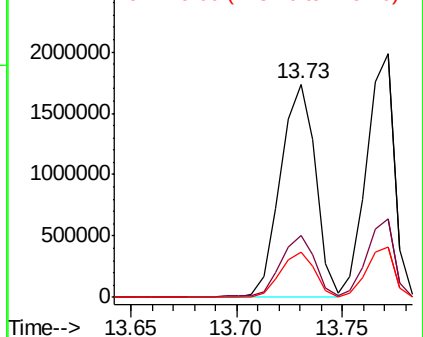


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.156 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

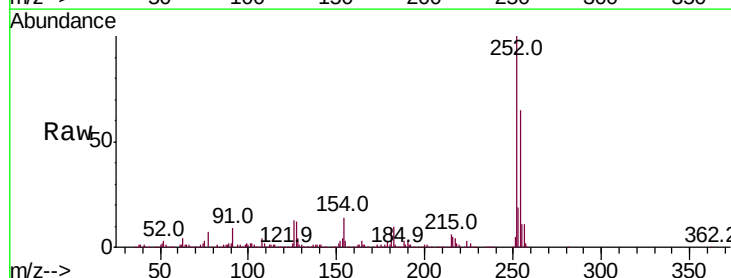
Tgt Ion:252 Resp: 726251

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.1	76.7
126	12.6	9.4	14.0

252 100

254 64.7 51.1 76.7

126 12.6 9.4 14.0

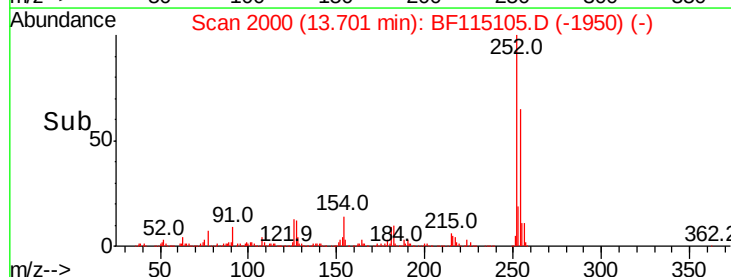
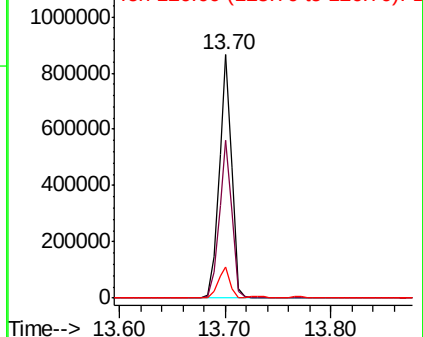


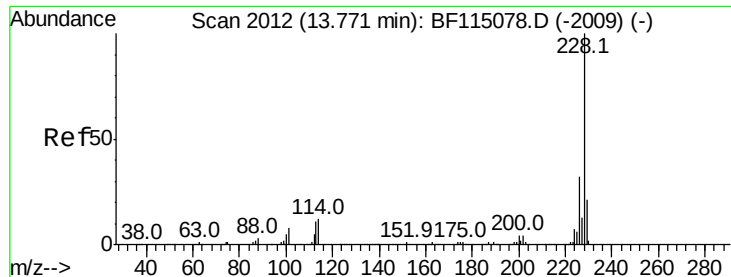
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.498 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampleId :

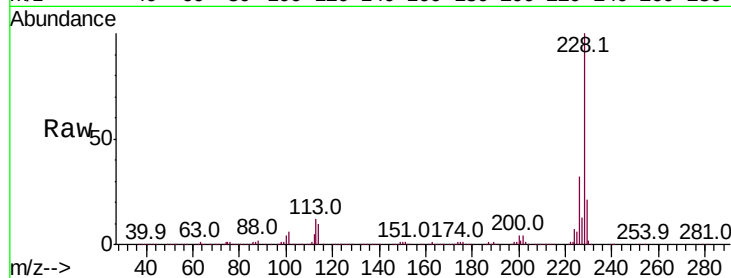
Tot Ion:228 Resp: 1812772

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	20.6	16.5	24.7

228 100

226 32.1 25.4 38.0

229 20.6 16.5 24.7

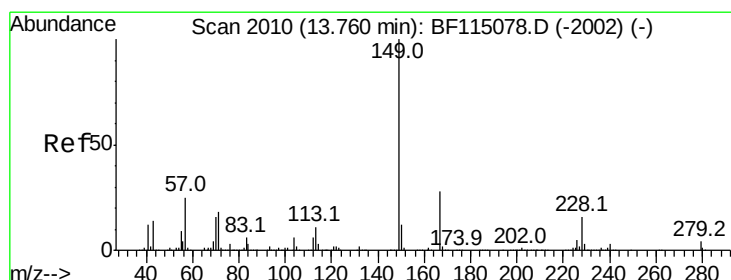
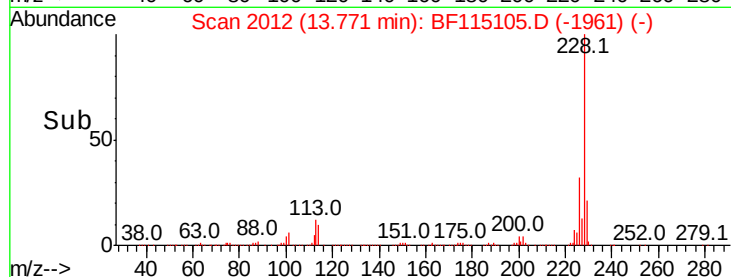
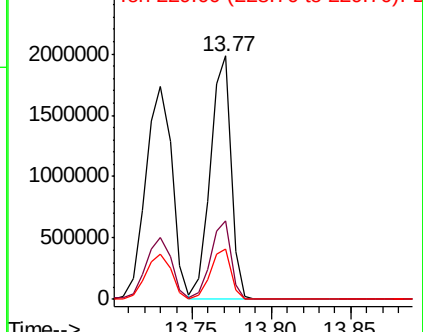


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.281 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

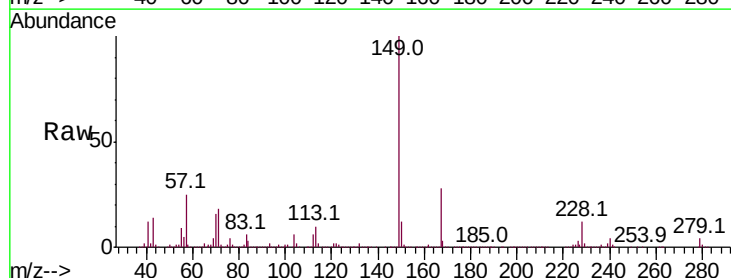
Tgt Ion:149 Resp: 1309867

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.4
279	3.9	2.9	4.3

149 100

167 28.5 22.2 33.4

279 3.9 2.9 4.3

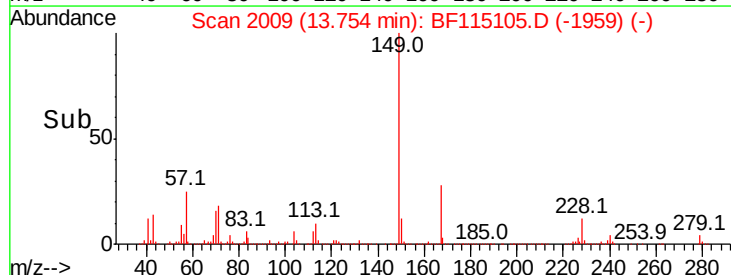
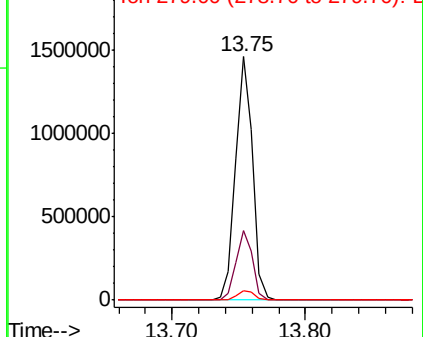


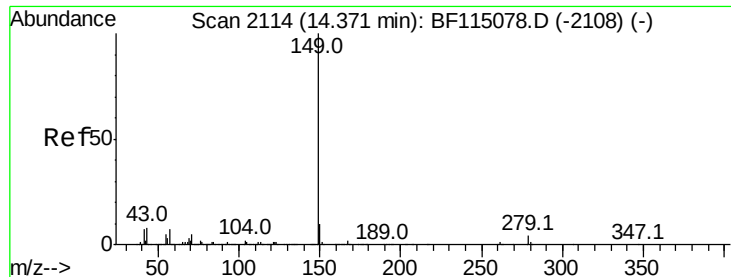
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.731 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampled :

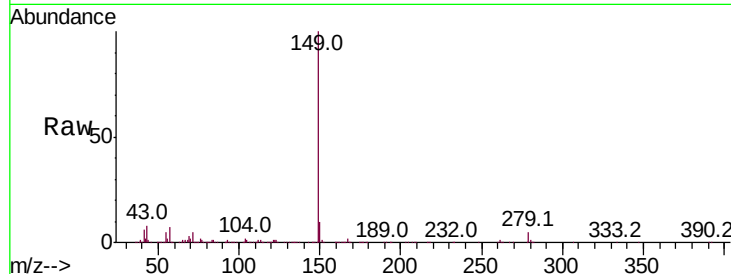
Tot Ion:149 Resp: 2223657

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

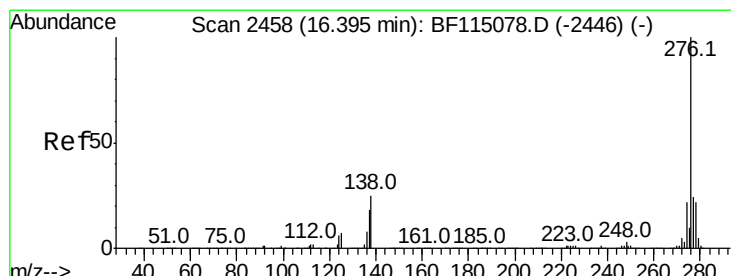
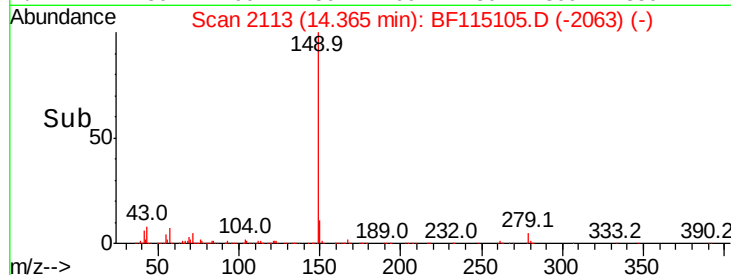
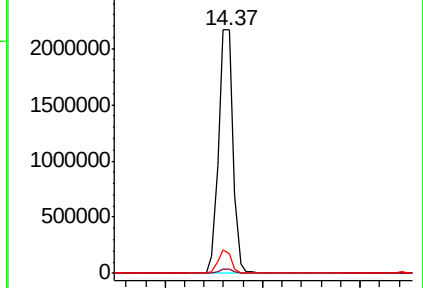
43 8.8 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.979 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

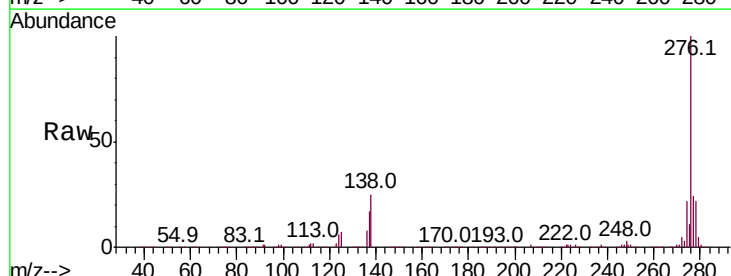
Tgt Ion:276 Resp: 2170522

Ion Ratio Lower Upper

276 100

138 28.8 23.2 34.8

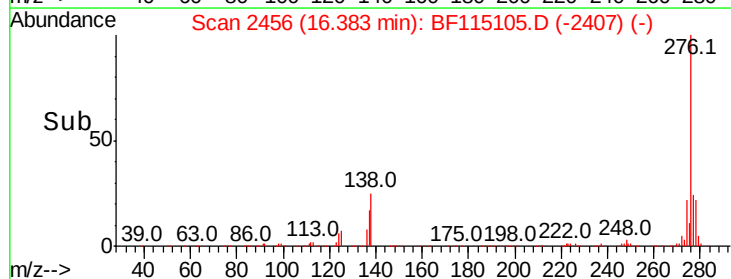
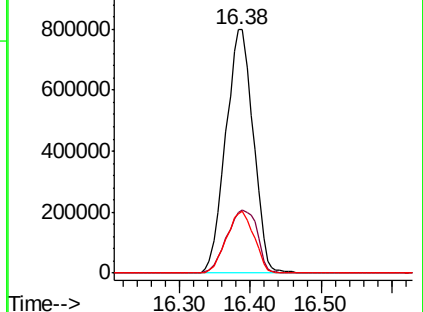
277 25.5 20.1 30.1

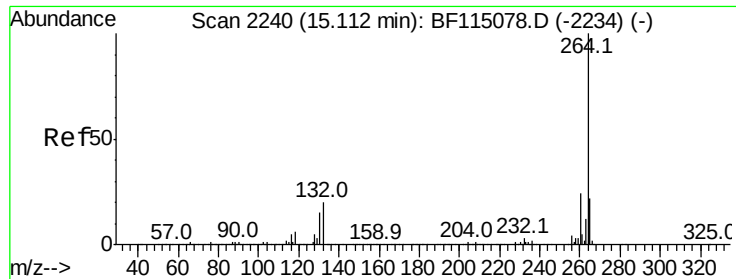


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Instrument :

BNA_F

ClientSampled :

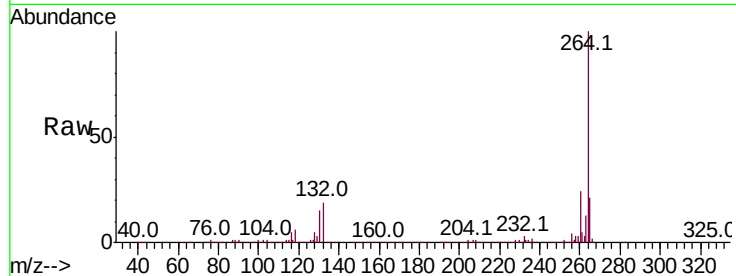
Tot Ion:264 Resp: 802195

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

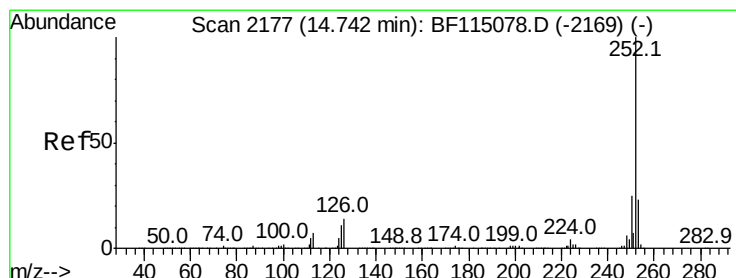
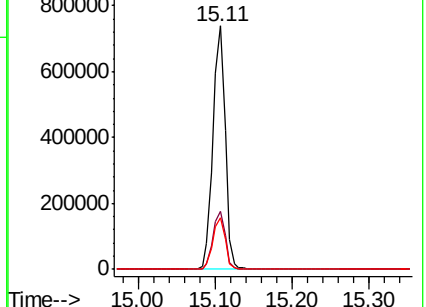
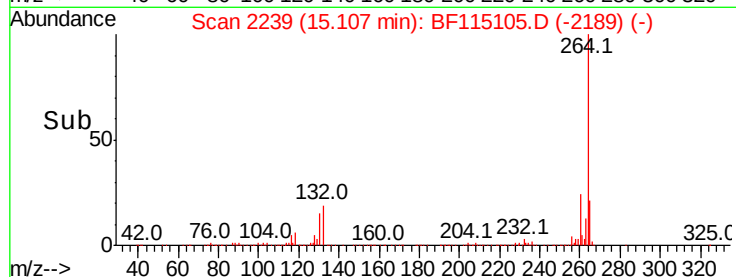
265 21.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.599 ng

RT: 14.74 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

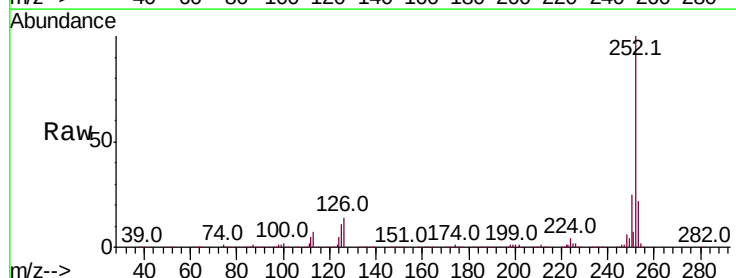
Tgt Ion:252 Resp: 2132264

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

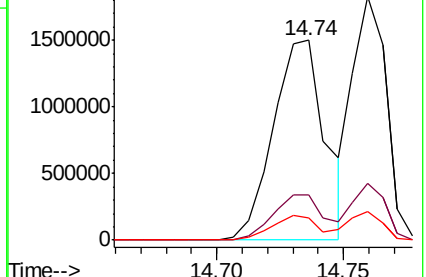
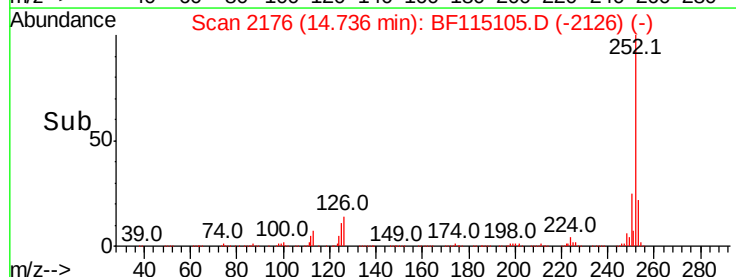
125 10.8 8.7 13.1

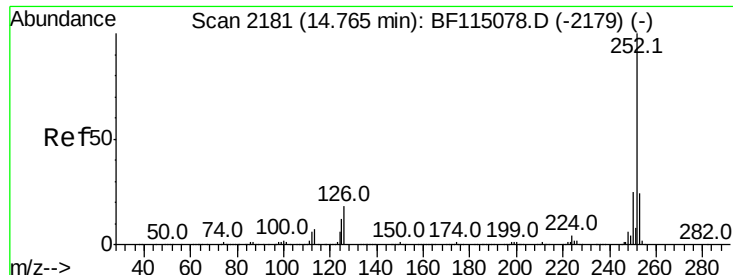


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

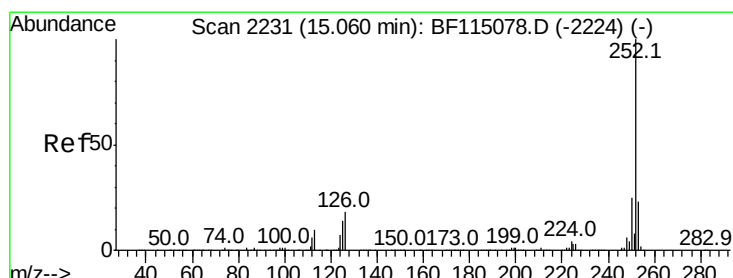
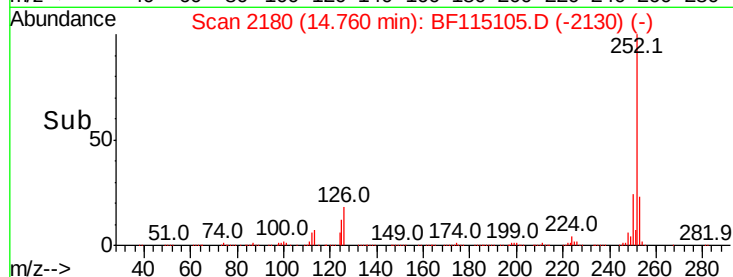
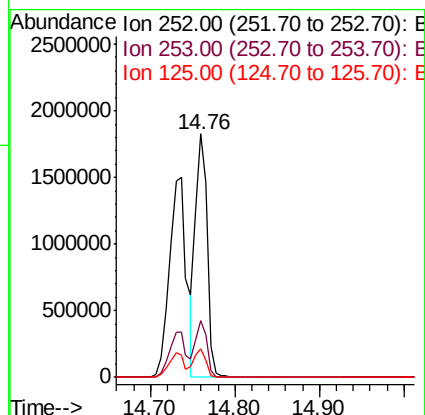
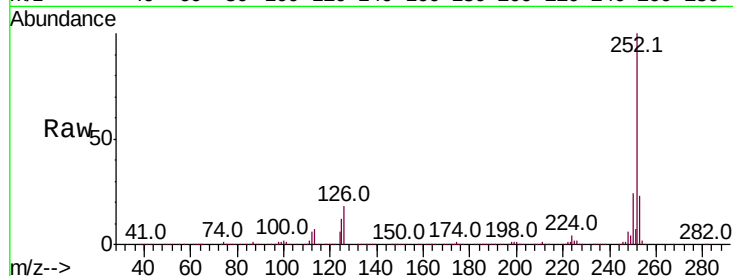




#89
Benzo(k)fluoranthene
Concen: 38.292 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

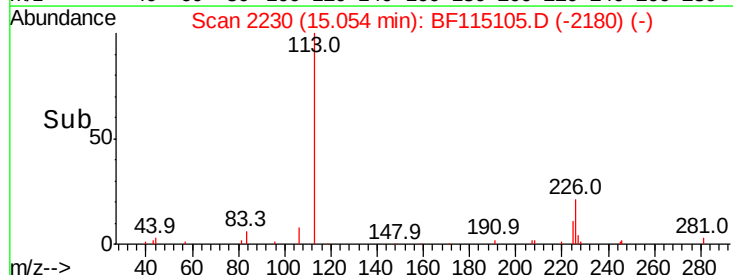
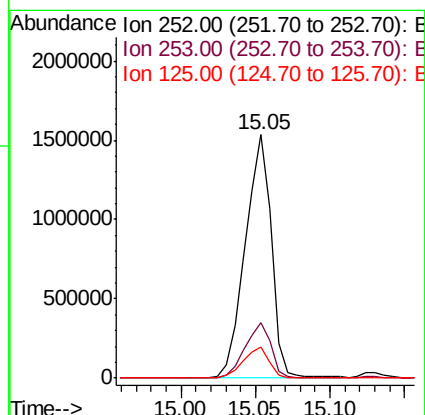
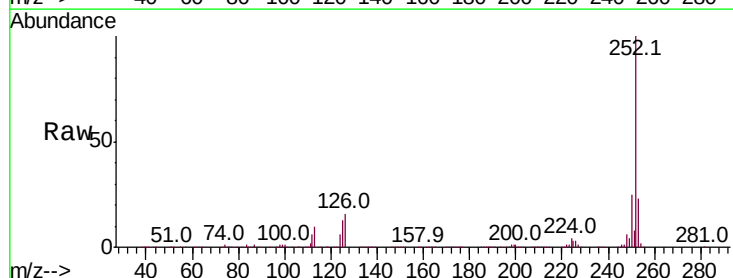
Instrument :
BNA_F
ClientSampleId :

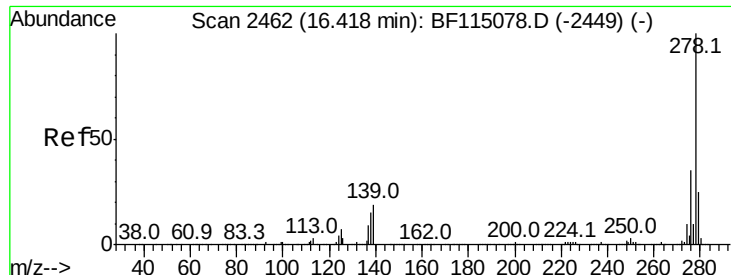
Tot Ion:252 Resp: 1718846
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.9 10.2 15.2



#90
Benzo(a)pyrene
Concen: 41.120 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:252 Resp: 1855134
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 13.0 10.9 16.3

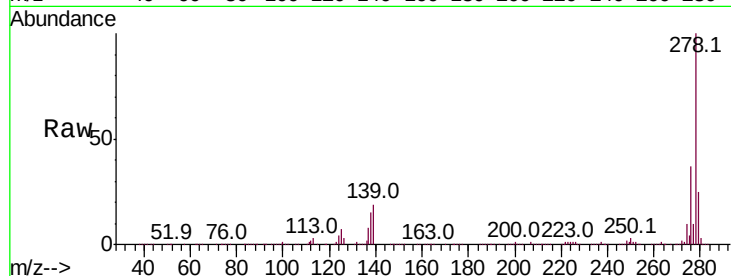




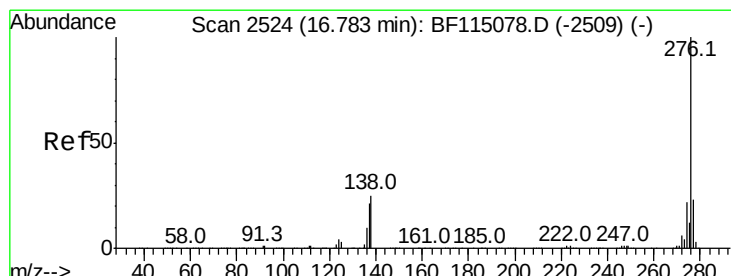
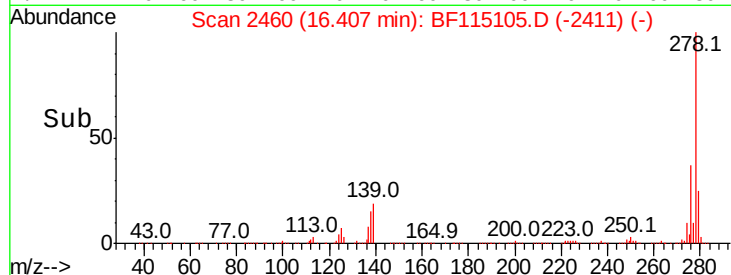
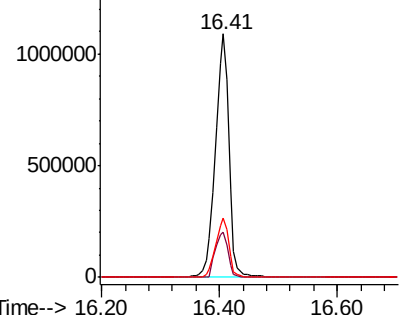
#91
 Dibenzo(a,h)anthracene
 Concen: 41.672 ng
 RT: 16.41 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:278 Resp: 1755121
 Ion Ratio Lower Upper
 278 100
 139 18.5 15.4 23.2
 279 24.6 19.9 29.9

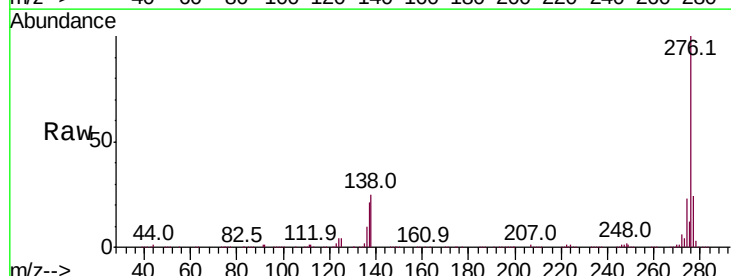


Abundance Ion 278.00 (277.70 to 278.70): E
 1500000 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 41.136 ng
 RT: 16.77 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Tgt Ion:276 Resp: 1753530
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.6 28.0
 138 25.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
 1000000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

