

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115105.D
 Acq On : 22 Jun 2019 3:36
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

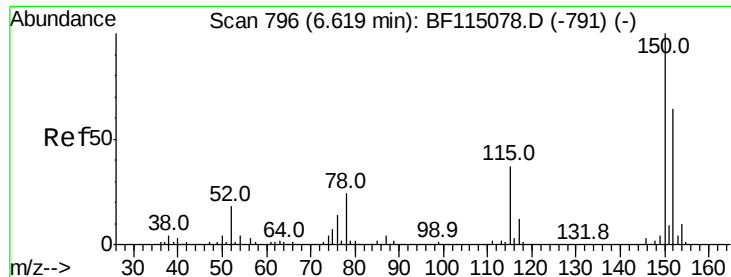
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	326259	40.180	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	437163	41.351	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	461348	42.376	ng	98
46) 1,1'-Biphenyl	9.08	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

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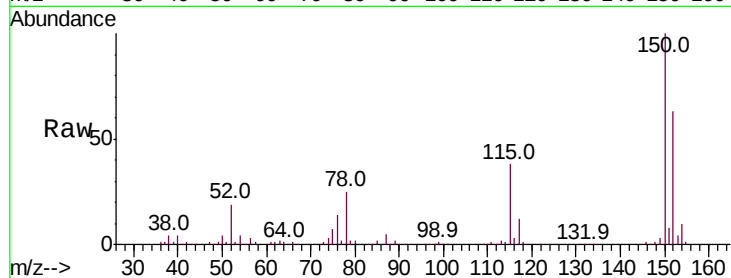
Tot Ion:152 Resp: 237364

Ion Ratio Lower Upper

152 100

150 159.6 124.2 186.2

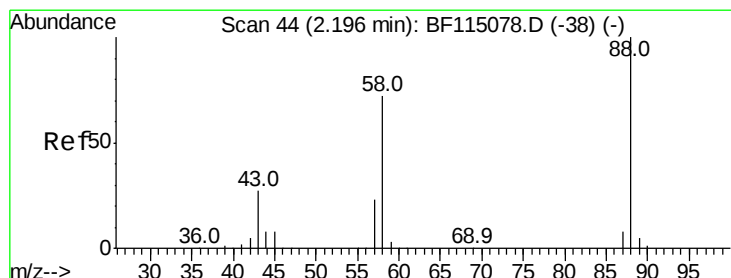
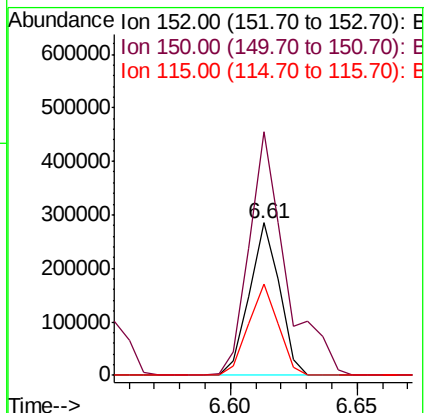
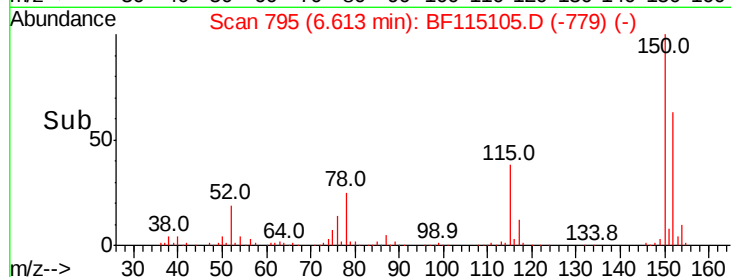
115 59.9 46.1 69.1



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

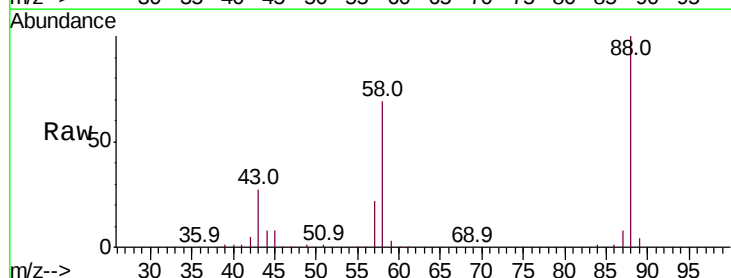
Tgt Ion: 88 Resp: 292723

Ion Ratio Lower Upper

88 100

58 69.4 56.1 84.1

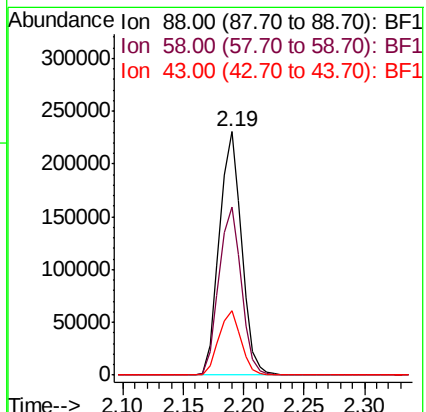
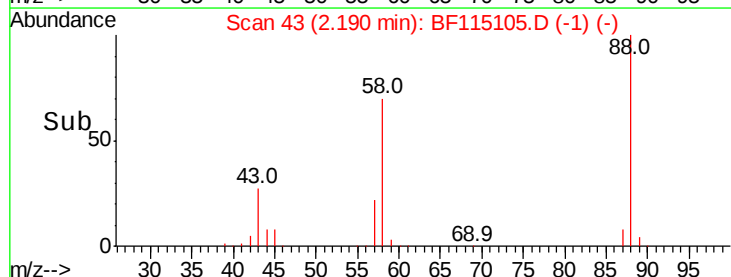
43 26.5 21.3 31.9

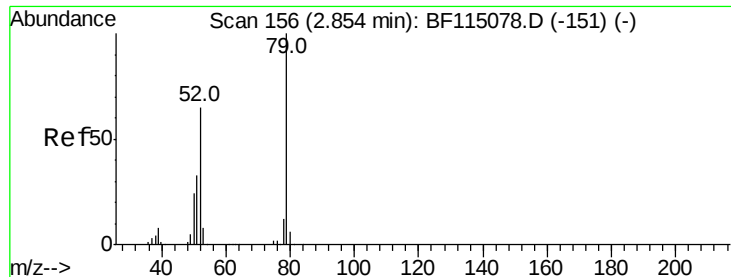


Abundance Ion 88.00 (87.70 to 88.70): BF1

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 :

SSTDCCC040EC

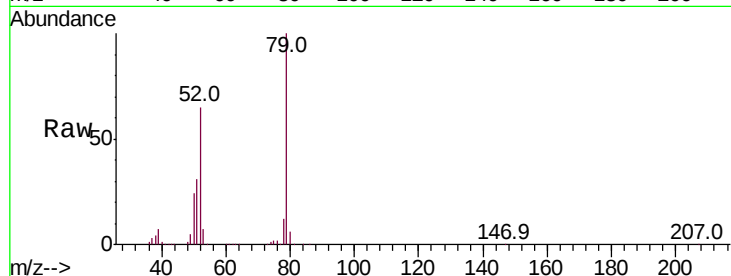
Tot Ion: 79 Resp: 828156

Ion Ratio Lower Upper

79 100

52 65.0 52.3 78.5

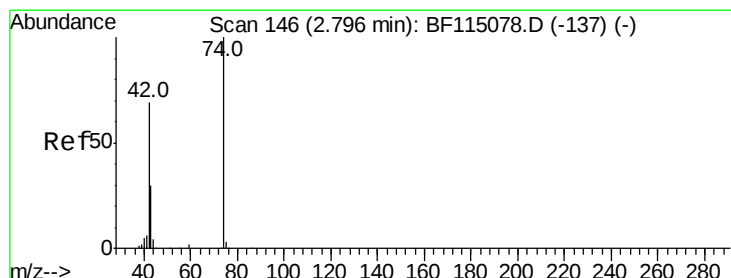
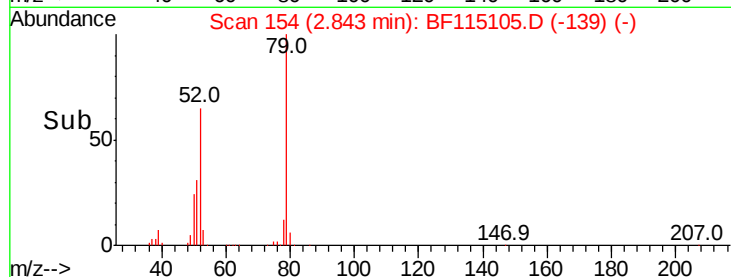
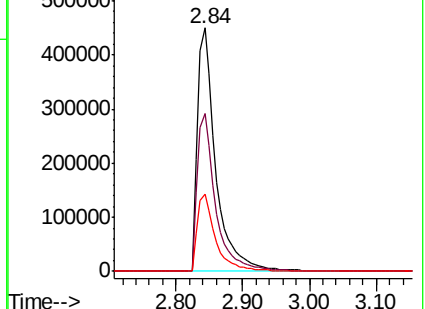
51 31.5 26.1 39.1



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

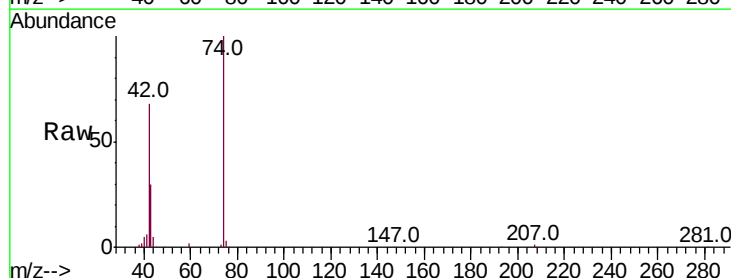
Tgt Ion: 42 Resp: 318447

Ion Ratio Lower Upper

42 100

74 146.2 116.6 175.0

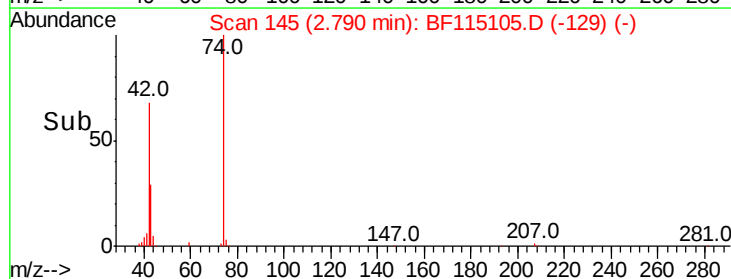
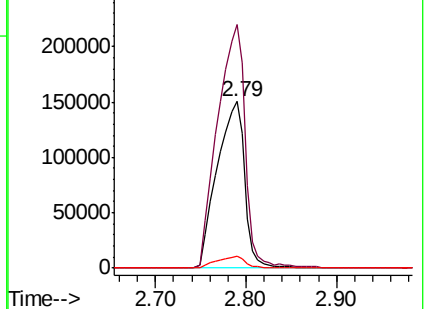
44 6.9 5.3 7.9

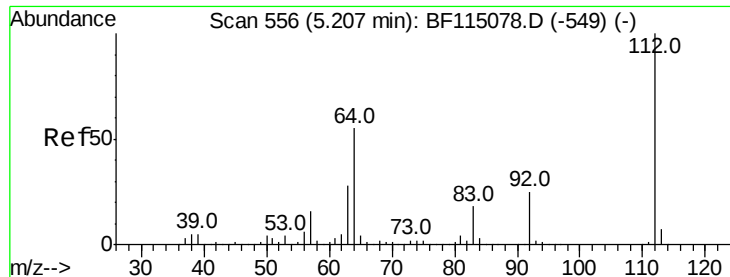


Abundance Ion 42.00 (41.70 to 42.70): BF1

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 :

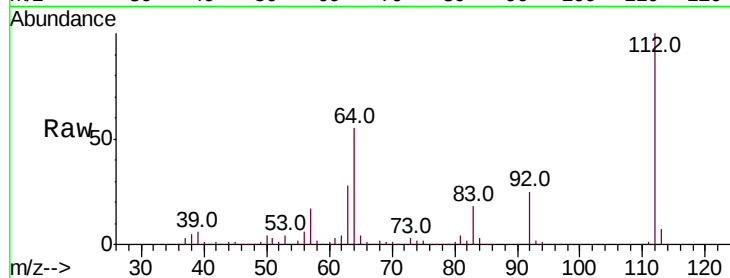
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1246253

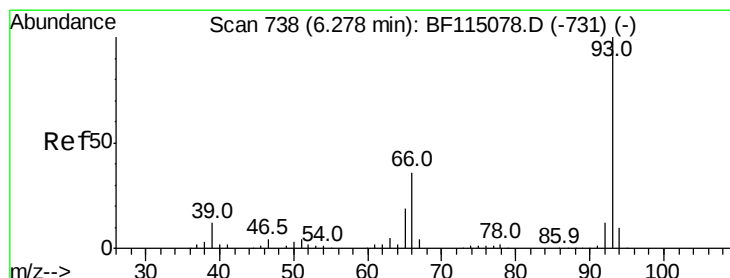
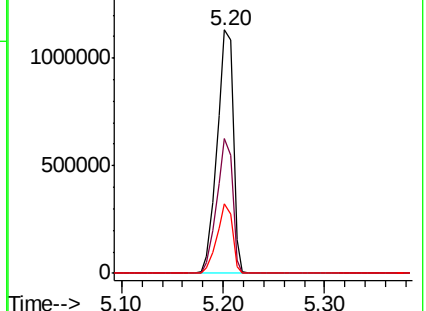
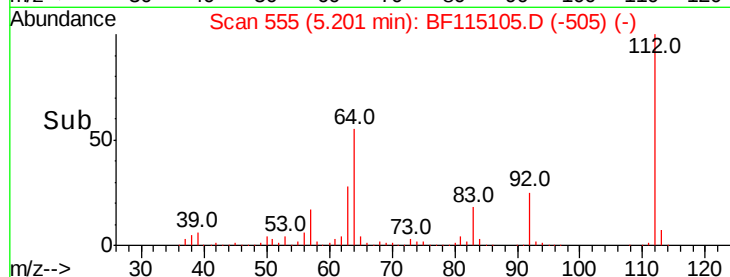
Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.8	65.6
63	28.3	22.2	33.4



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

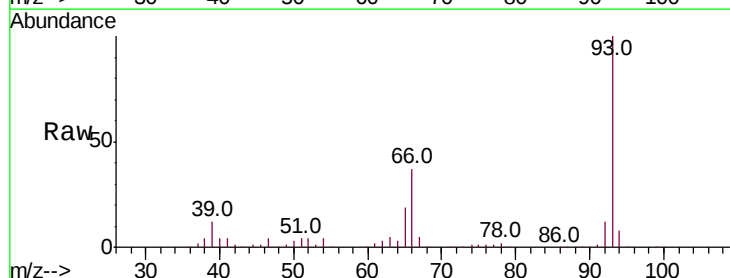
Delta R.T. 0.00 min

Lab File: BF115105.D

Acq: 22 Jun 2019 3:36

Tgt Ion: 93 Resp: 1050398

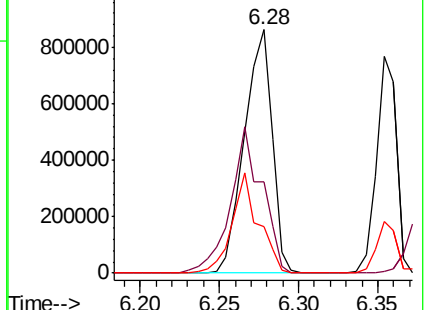
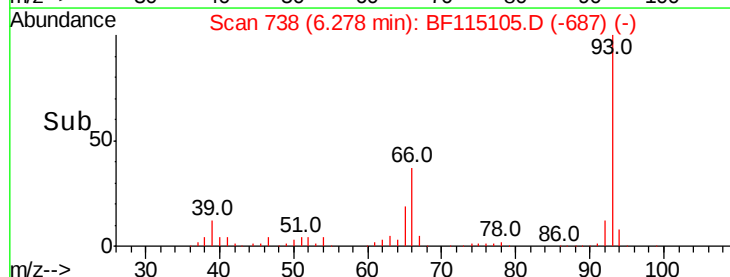
Ion	Ratio	Lower	Upper
93	100		
66	37.5	30.0	45.0
65	18.9	15.6	23.4

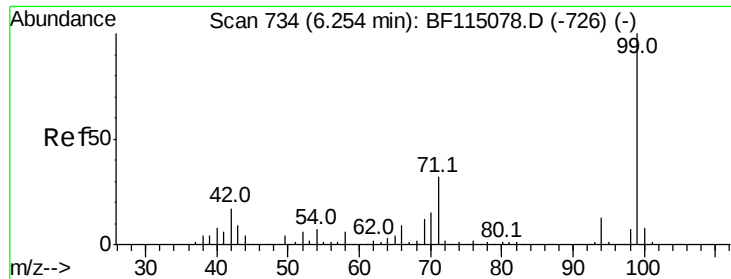


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

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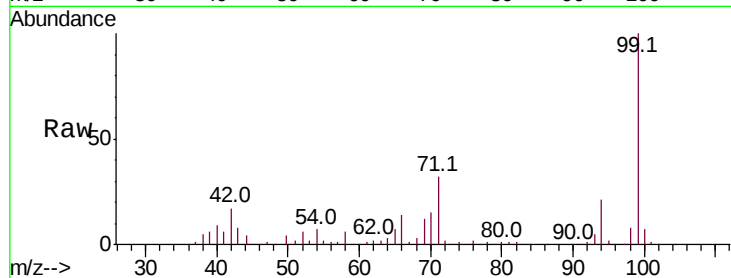
Tot Ion: 99 Resp: 1527065

Ion Ratio Lower Upper

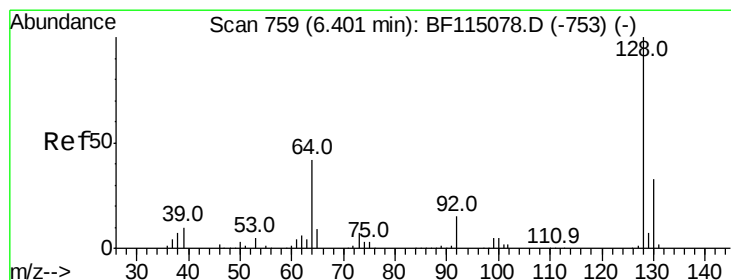
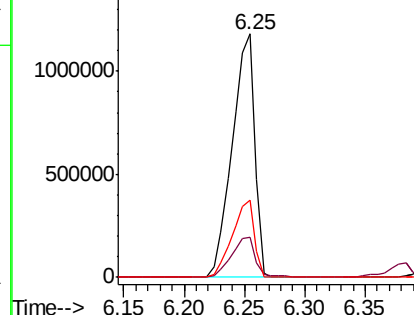
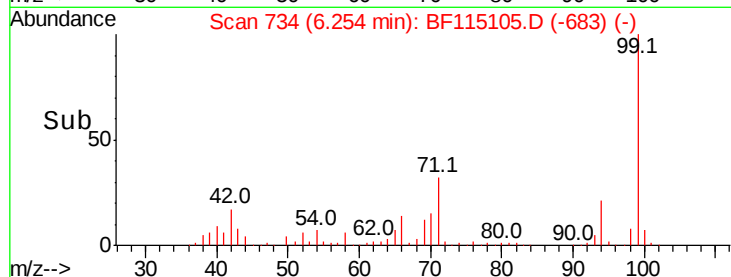
99 100

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

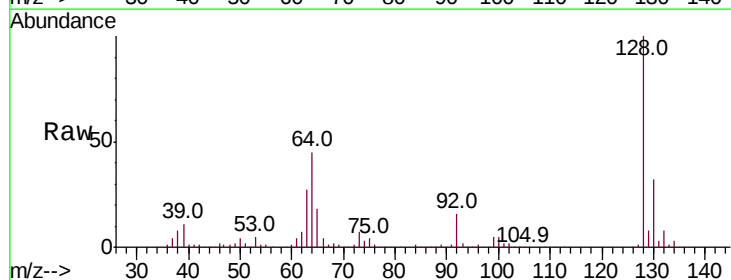
Tgt Ion: 128 Resp: 725120

Ion Ratio Lower Upper

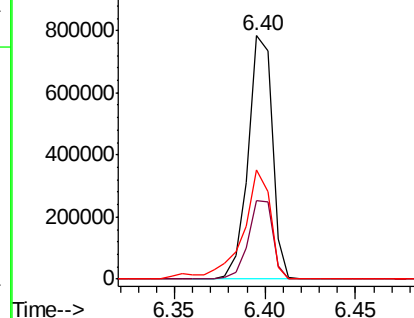
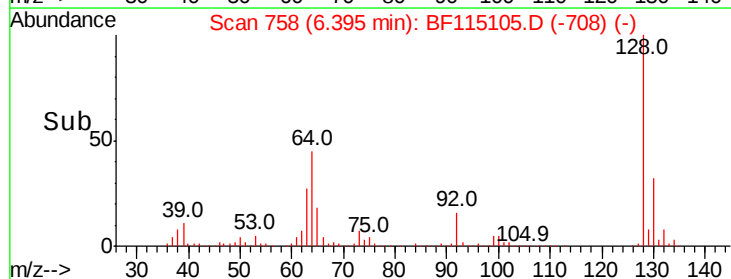
128 100

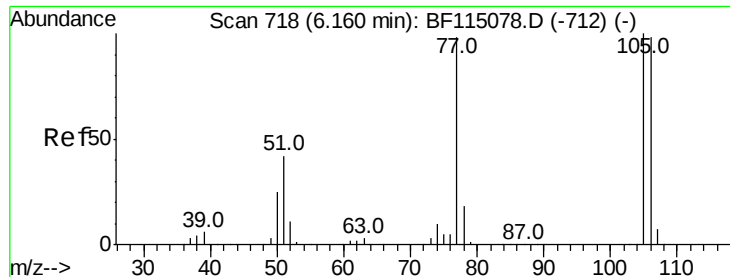
130 32.1 12.9 52.9

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

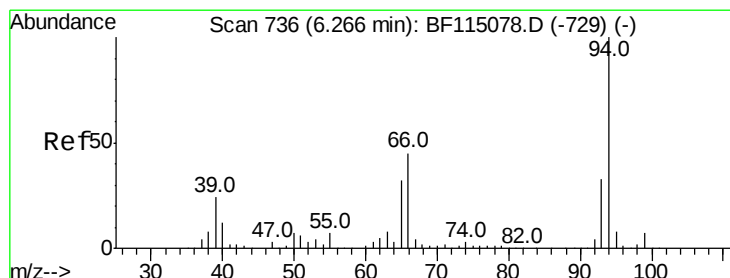
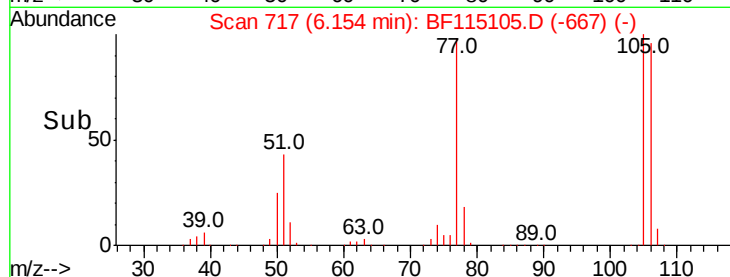
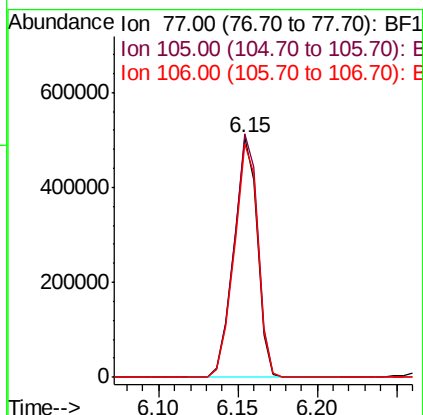
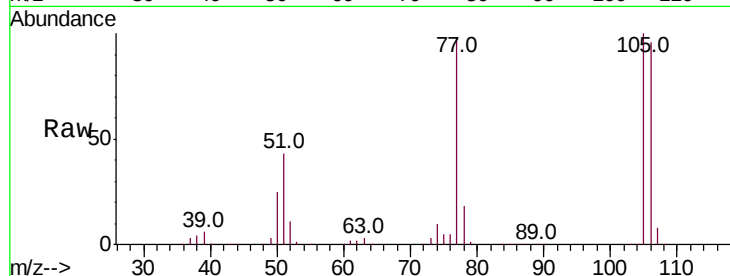




#9
Benzaldehyde
Concen: 42.478 ng
RT: 6.15 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

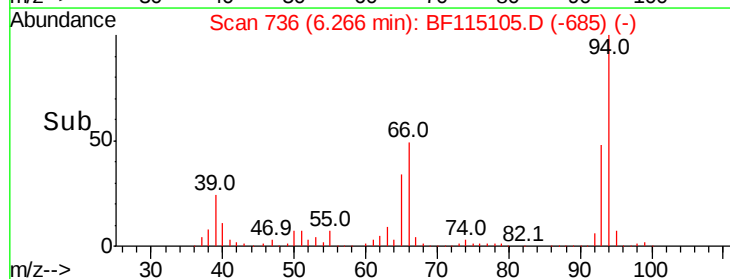
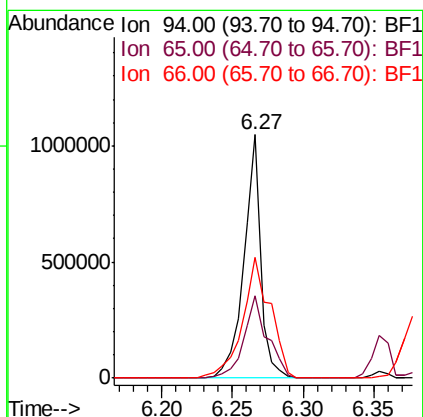
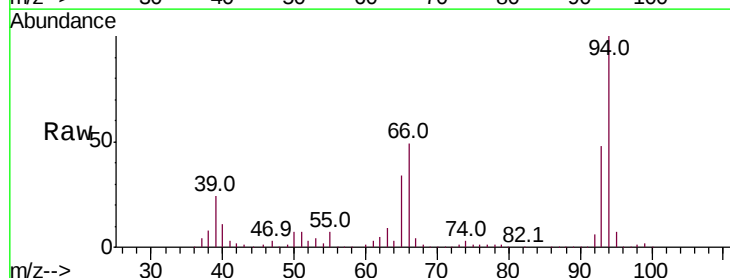
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

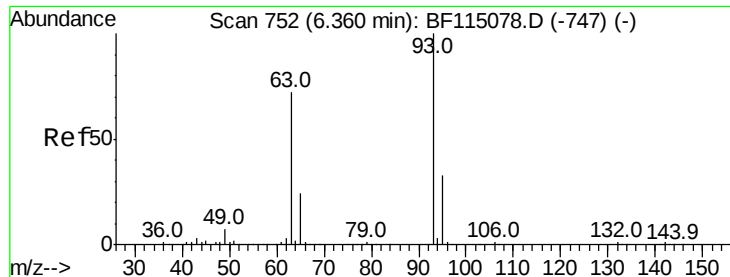
Tot Ion: 77 Resp: 517390
Ion Ratio Lower Upper
77 100
105 101.7 81.5 121.5
106 97.3 79.7 119.7



#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

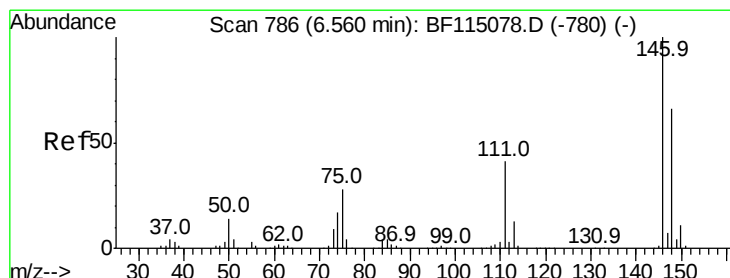
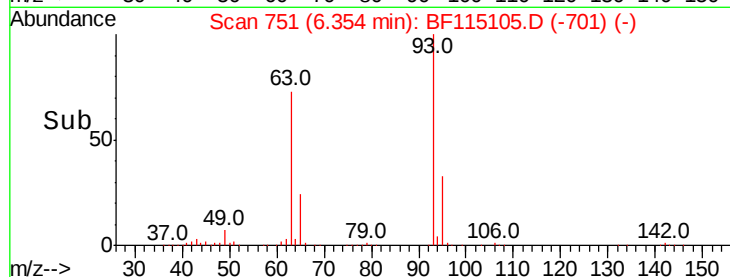
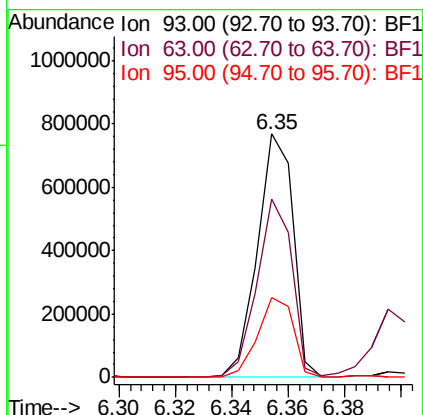
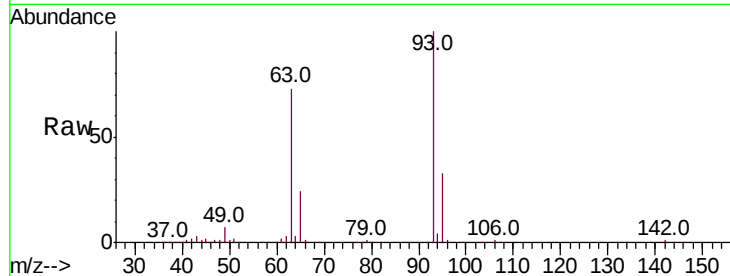




#11
bis(2-Chloroethyl)ether
Concen: 41.628 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

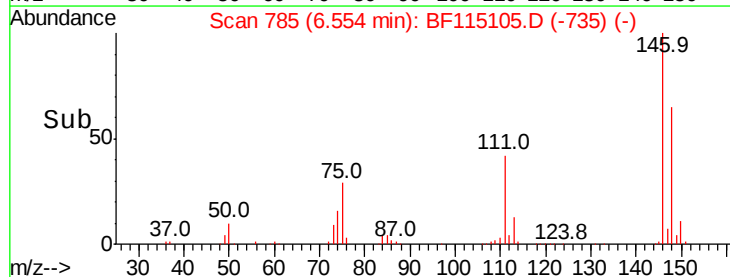
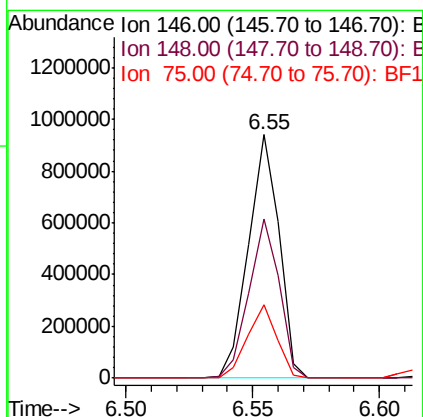
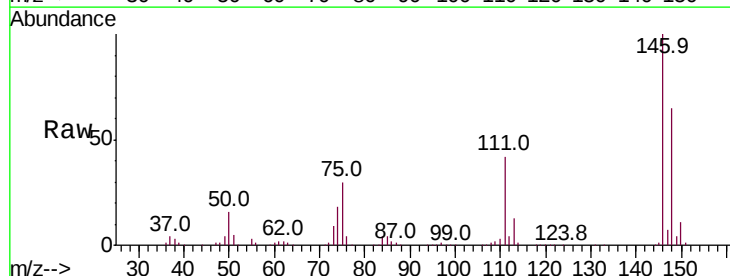
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

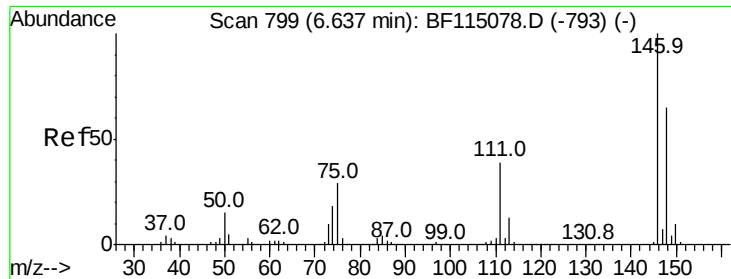
Tot Ion: 93 Resp: 671063
Ion Ratio Lower Upper
93 100
63 73.5 51.5 91.5
95 32.6 13.4 53.4



#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: 146 Resp: 793510
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
75 29.9 22.6 34.0

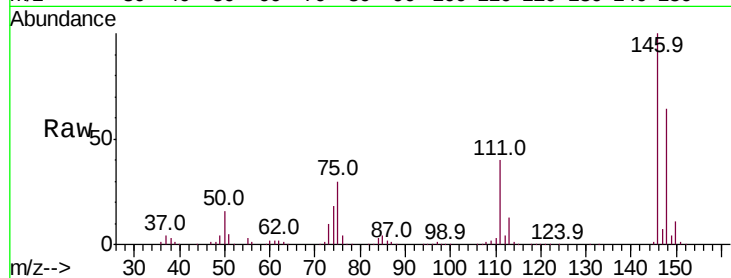




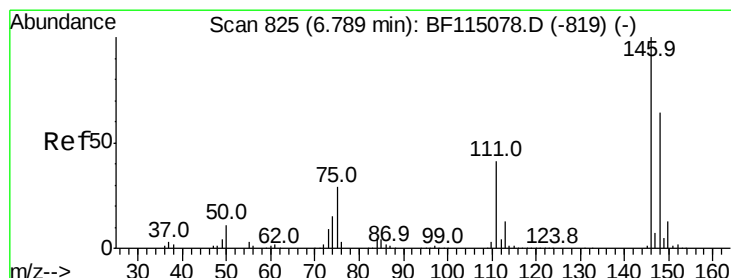
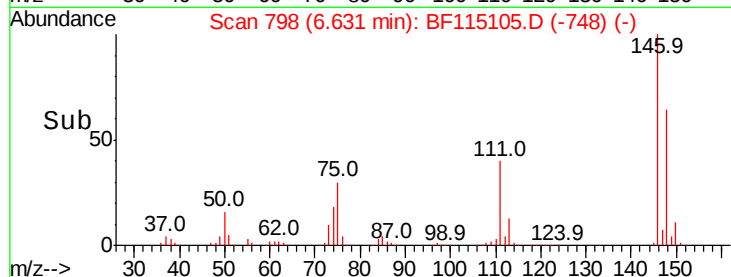
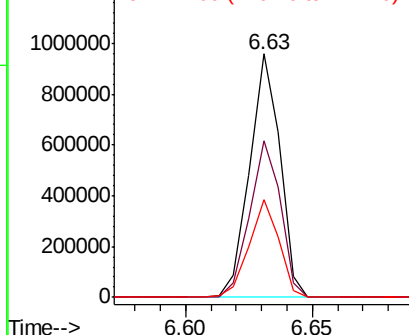
#13
 1,4-Dichlorobenzene
 Concen: 41.651 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

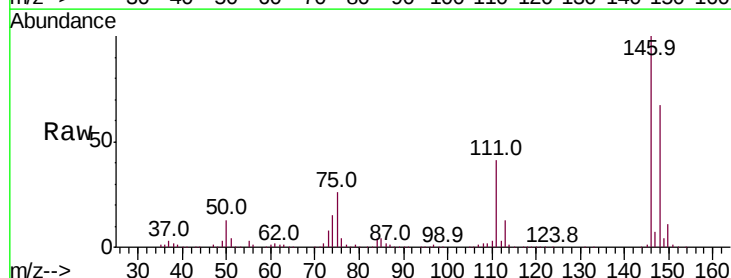


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

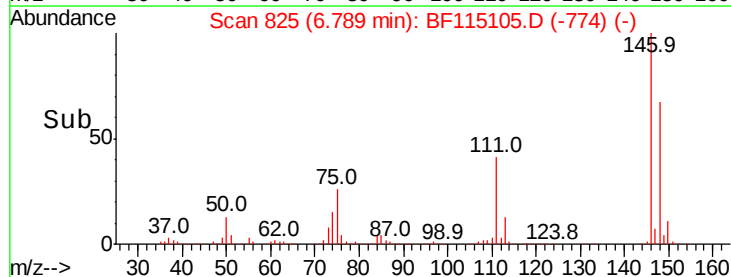
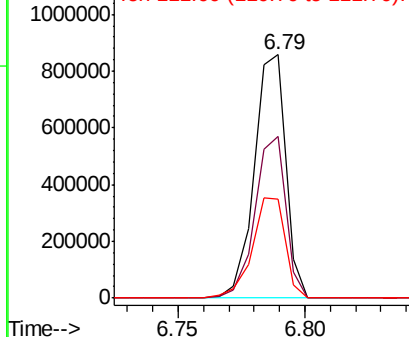


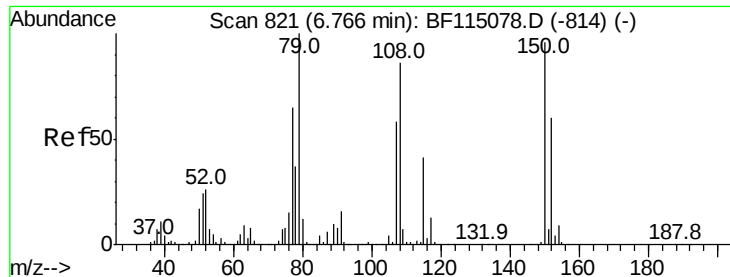
#14
 1,2-Dichlorobenzene
 Concen: 41.743 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

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 :

SSTDCCC040EC

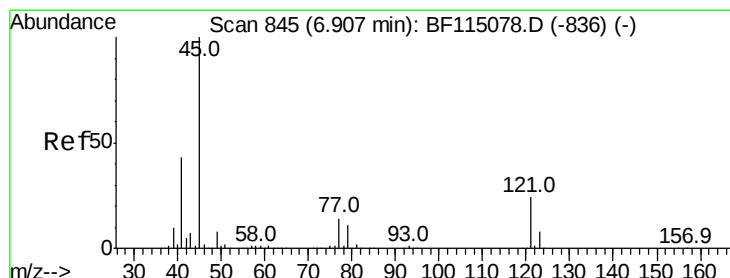
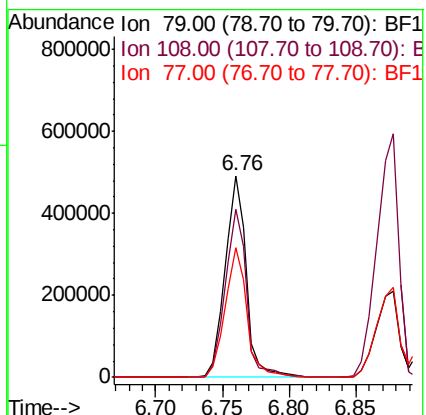
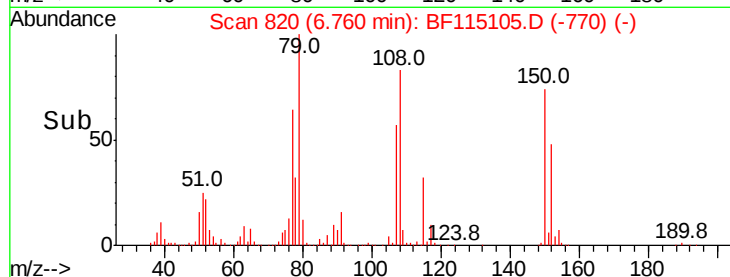
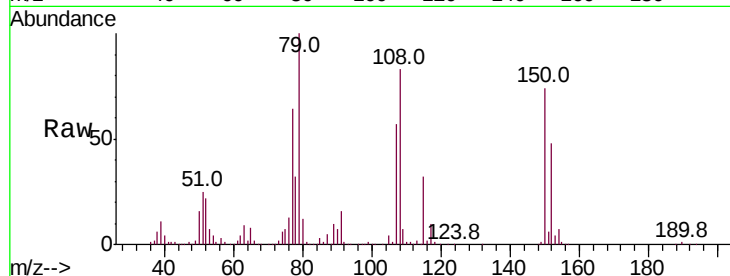
Tot Ion: 79 Resp: 553277

Ion Ratio Lower Upper

79 100

108 83.3 68.7 103.1

77 64.2 51.7 77.5



#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

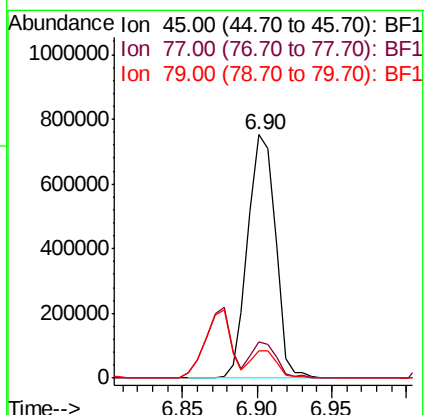
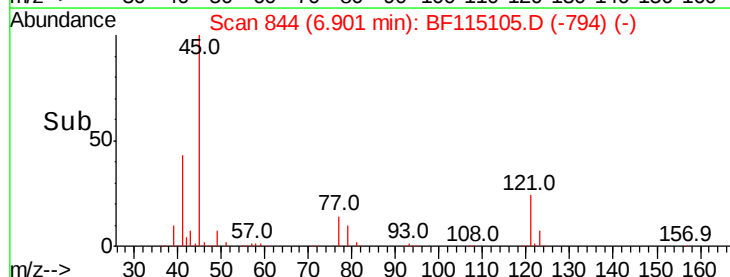
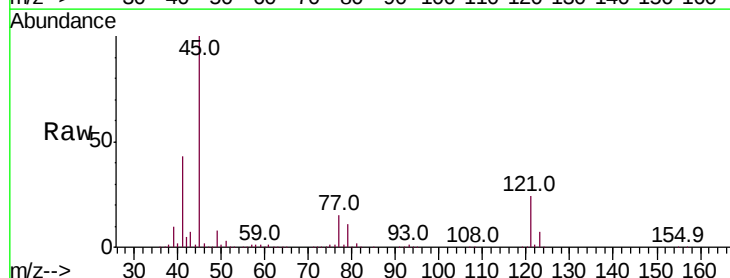
Tgt Ion: 45 Resp: 964215

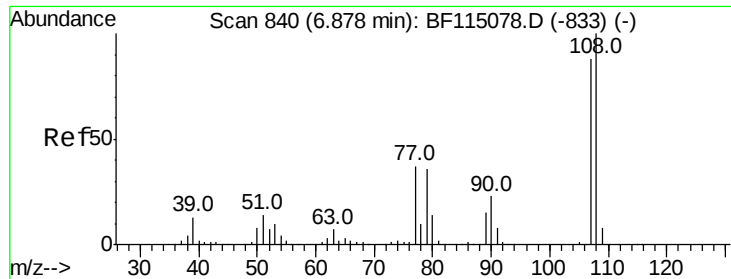
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

79 11.0 0.0 31.2

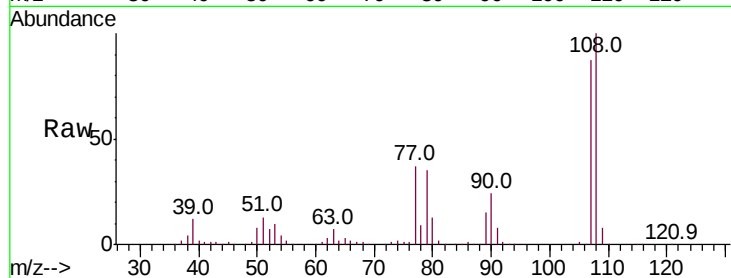




#17
2-Methylphenol
Concen: 40.711 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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



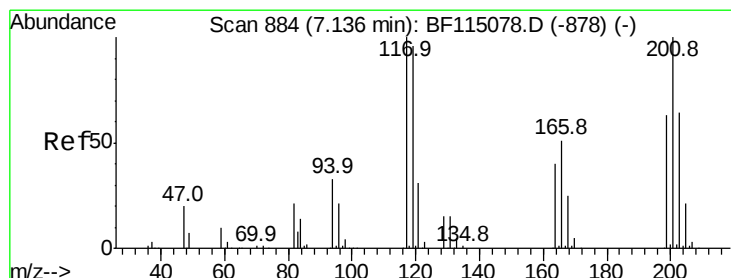
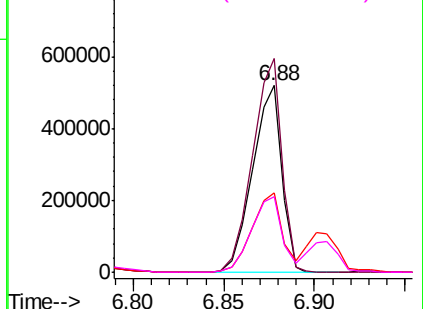
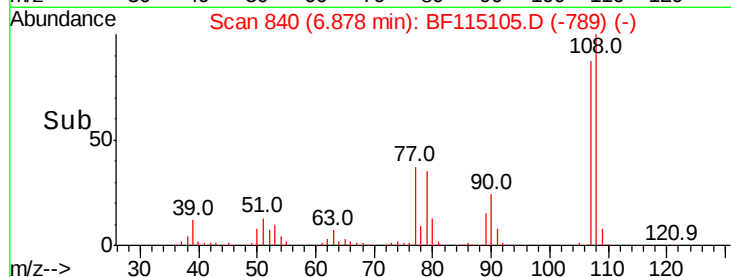
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

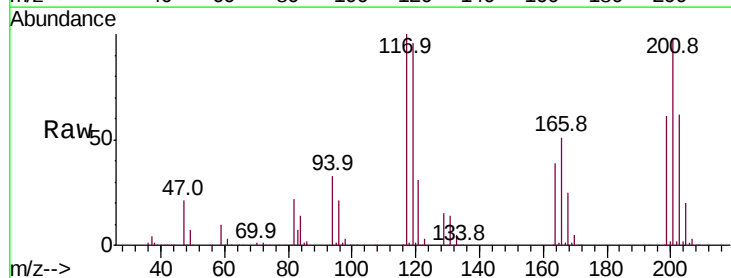
Ion 77.00 (76.70 to 77.70): BF1

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

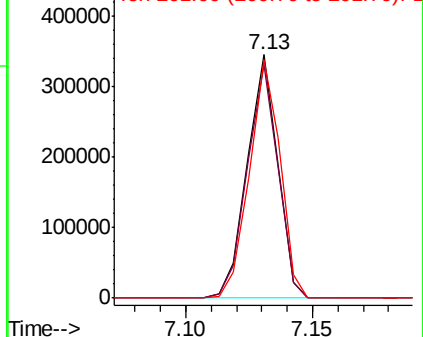
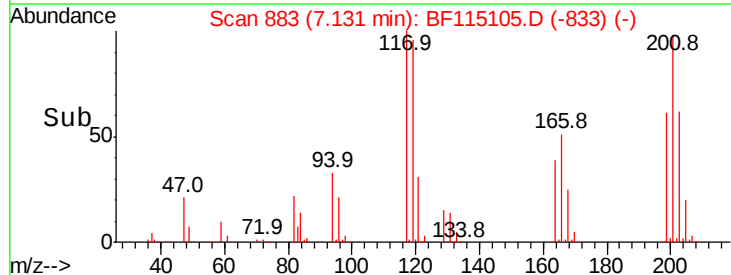


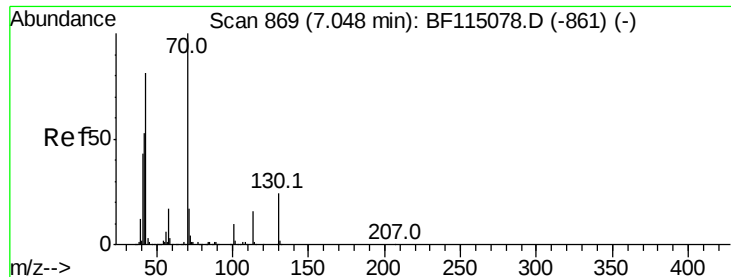
Abundance

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

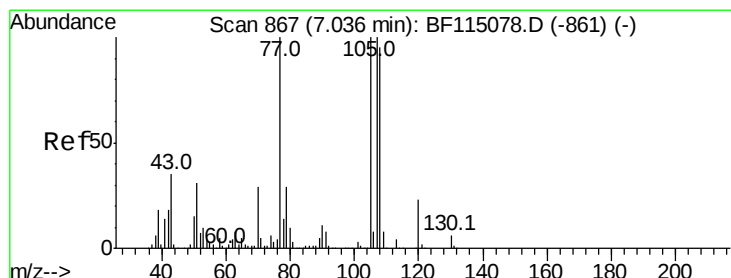
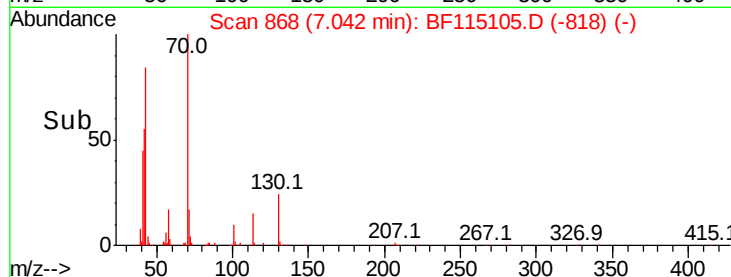
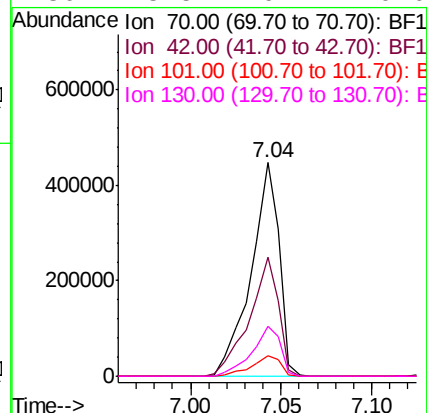
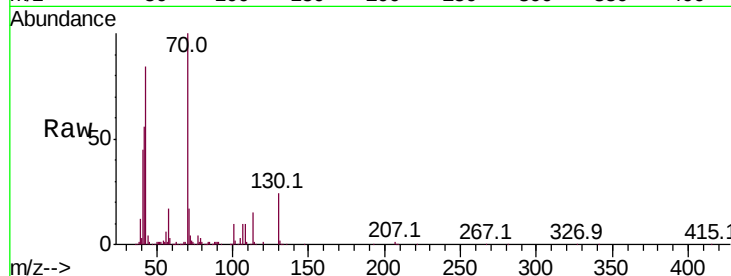




#19
n-Nitroso-di-n-propylamine
Concen: 40.408 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

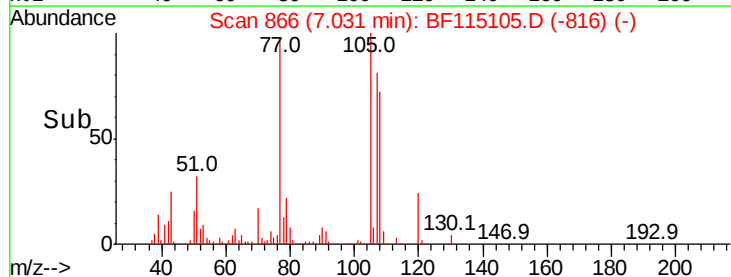
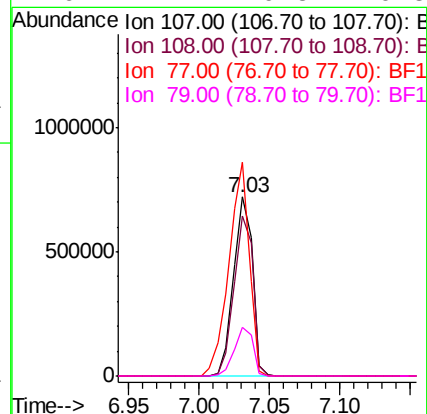
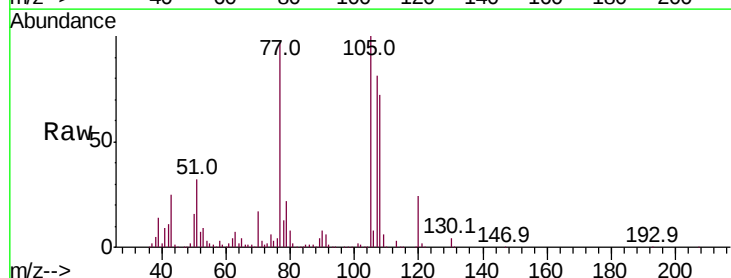
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

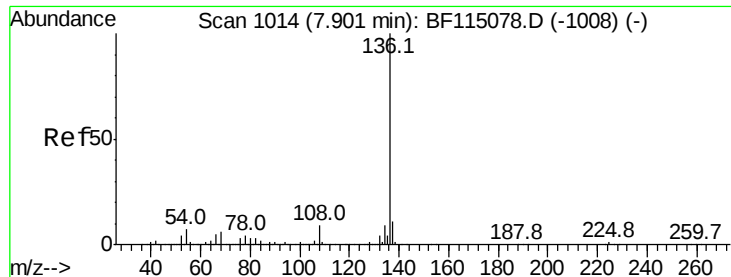
Tot Ion:	70	Resp:	482970
Ion	Ratio	Lower	Upper
70	100		
42	55.6	42.6	63.8
101	9.8	8.0	12.0
130	23.5	19.4	29.0



#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

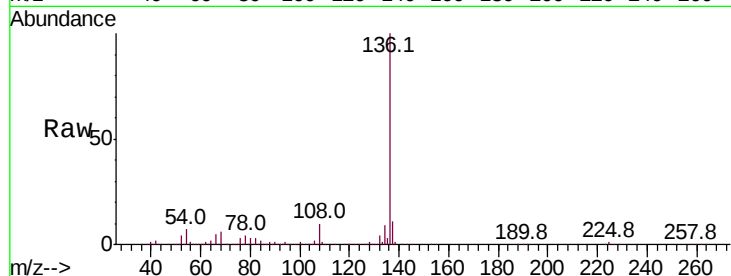




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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



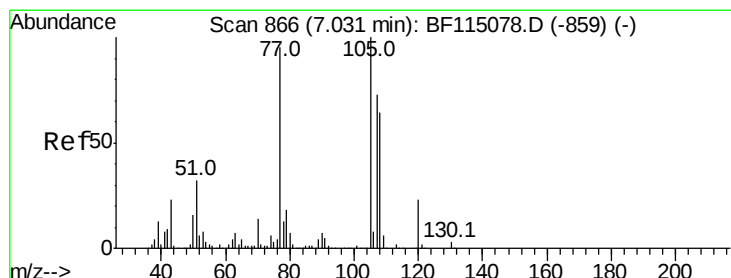
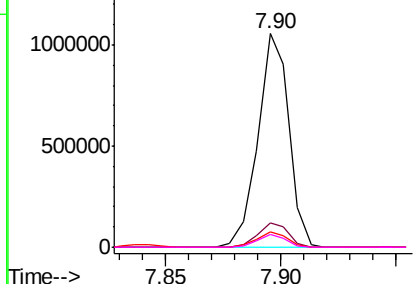
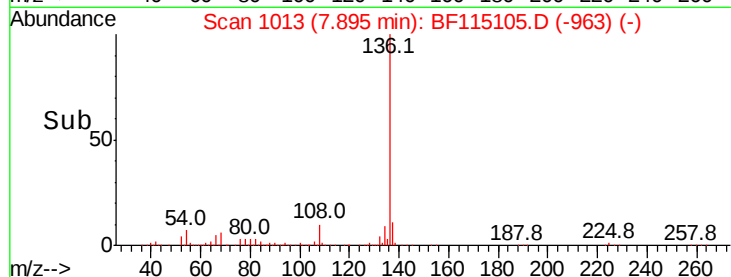
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

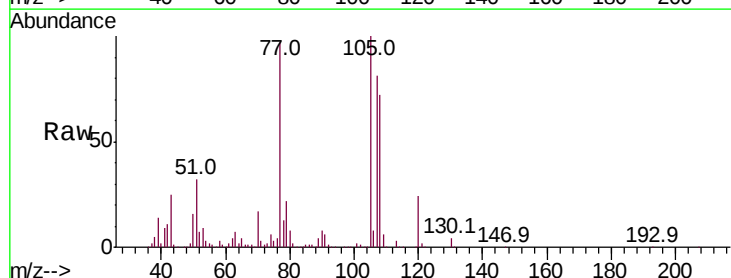
Ion 54.00 (53.70 to 54.70): BF1

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



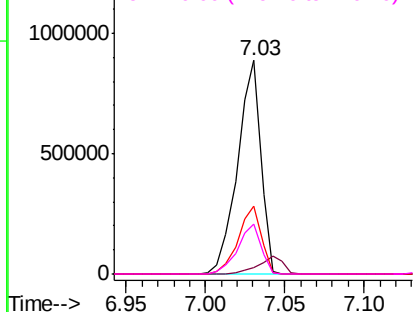
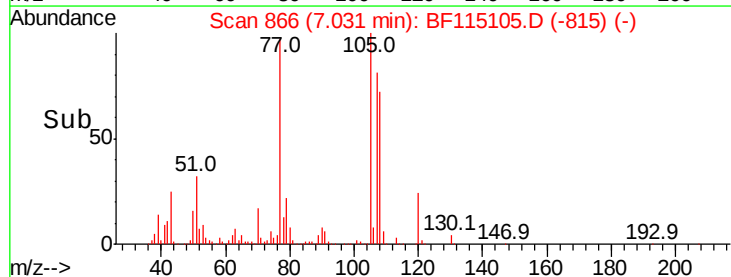
Abundance

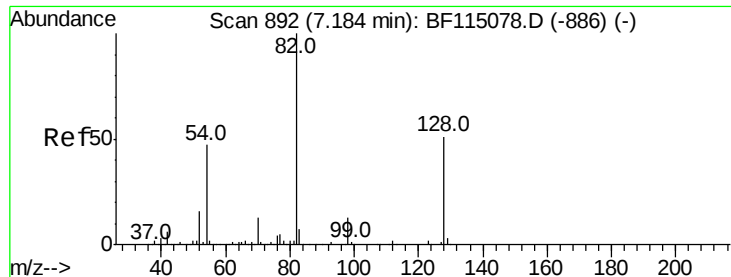
Ion 105.00 (104.70 to 105.70): E

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

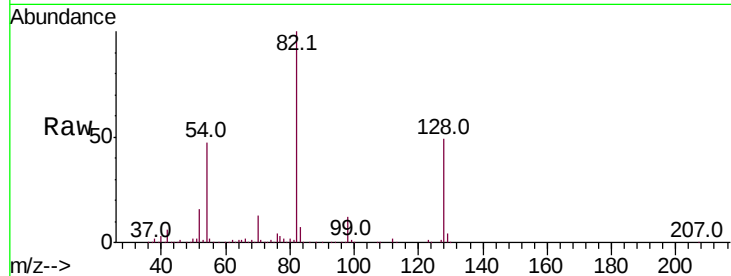




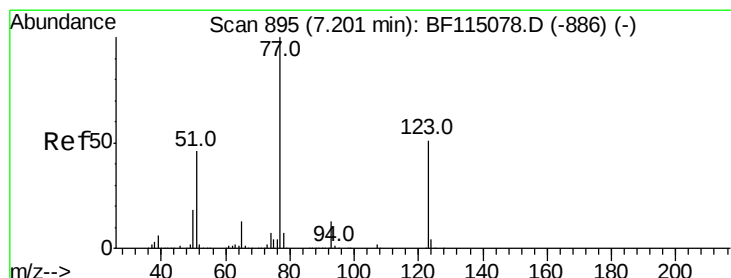
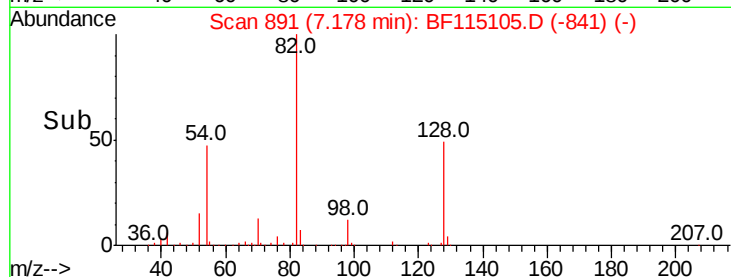
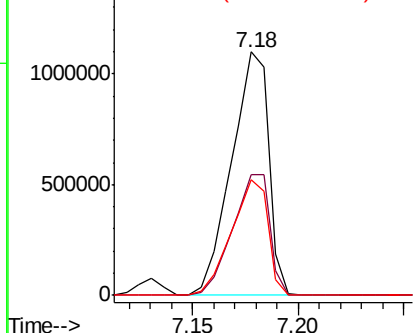
#23
Nitrobenzene-d5
Concen: 83.546 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

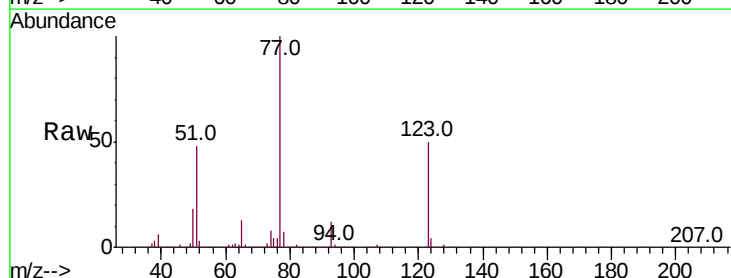


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

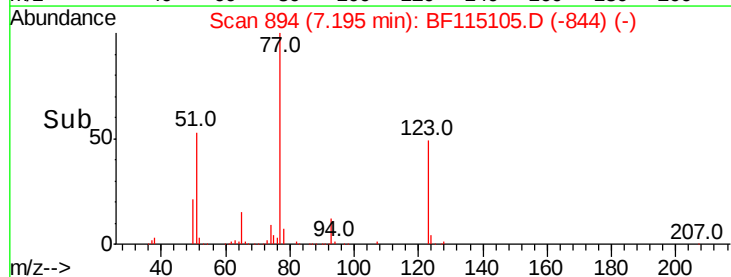
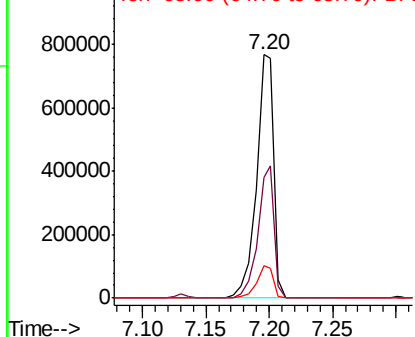


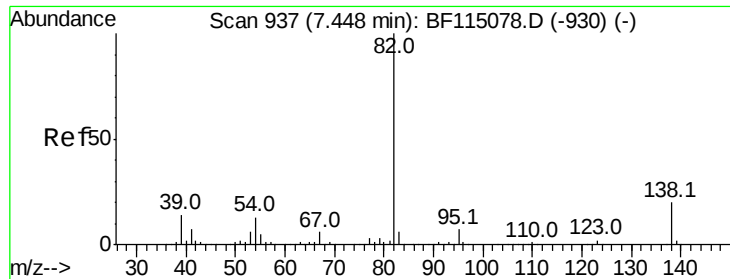
#24
Nitrobenzene
Concen: 41.661 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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 :

SSTDCCC040EC

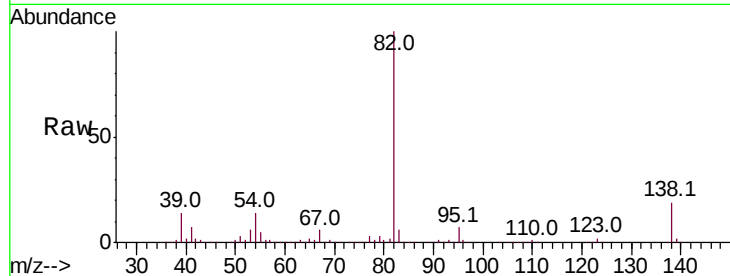
Tot Ion: 82 Resp: 1324558

Ion Ratio Lower Upper

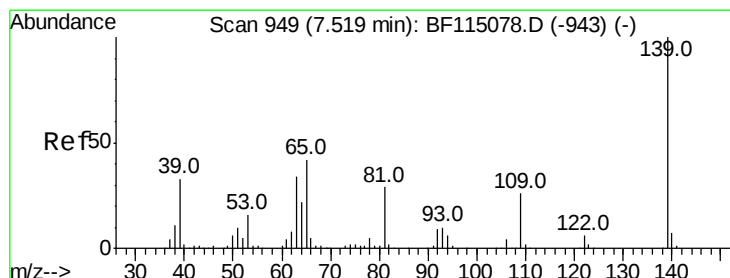
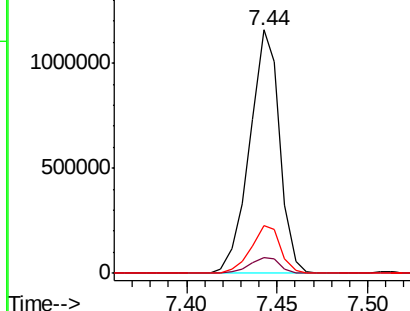
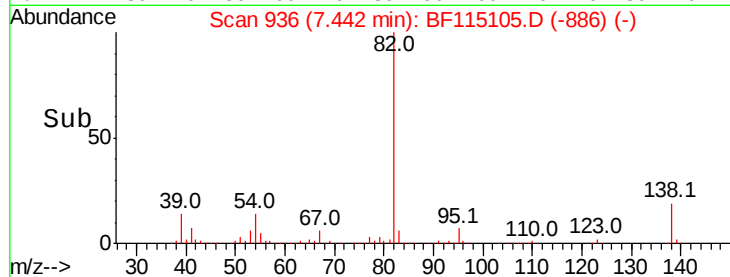
82 100

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

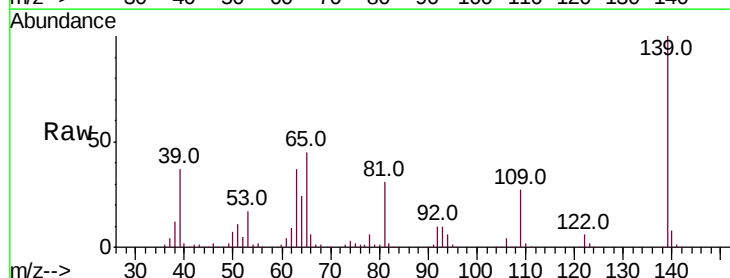
Tgt Ion: 139 Resp: 387945

Ion Ratio Lower Upper

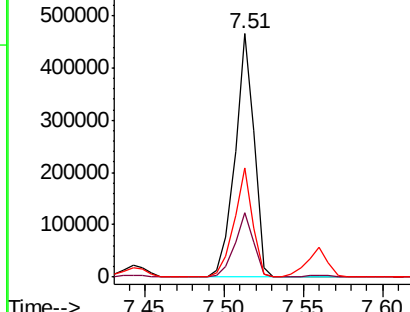
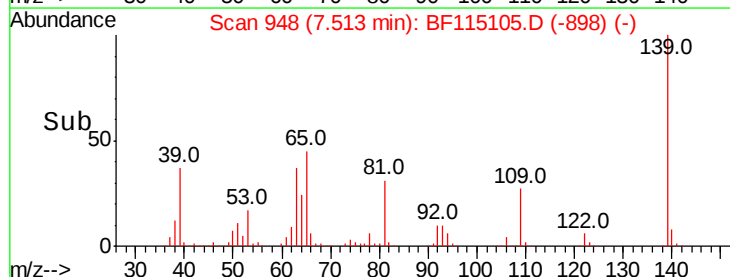
139 100

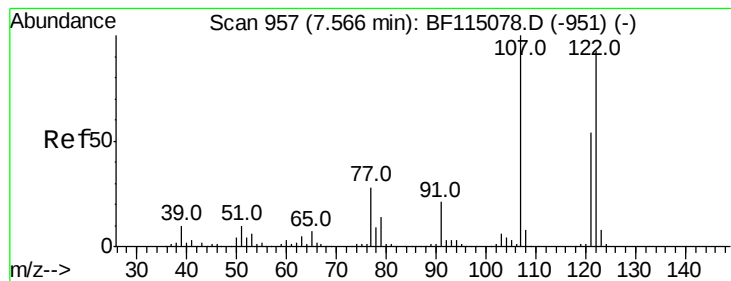
109 26.7 20.4 30.6

65 44.8 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
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

ClientSampleId :

SSTDCCC040EC

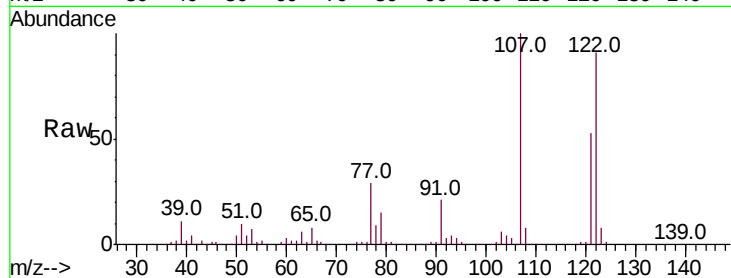
Tot Ion:122 Resp: 585053

Ion Ratio Lower Upper

122 100

107 110.3 85.8 128.6

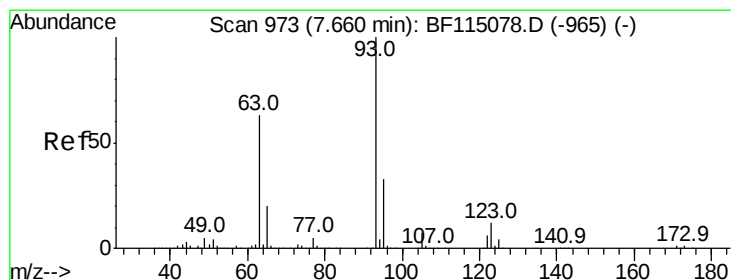
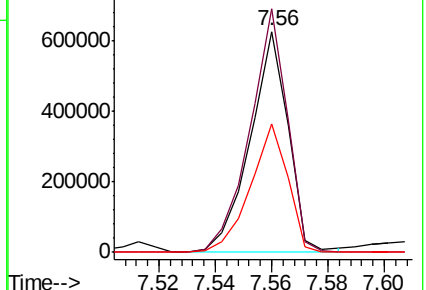
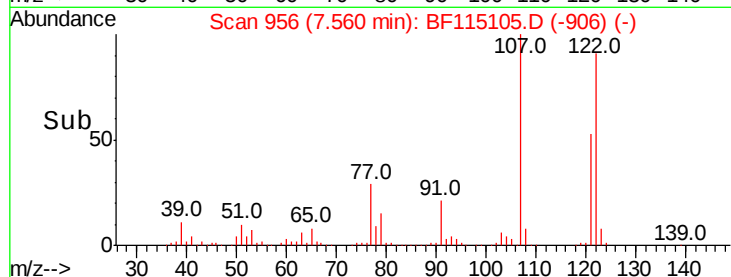
121 58.4 46.3 69.5



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

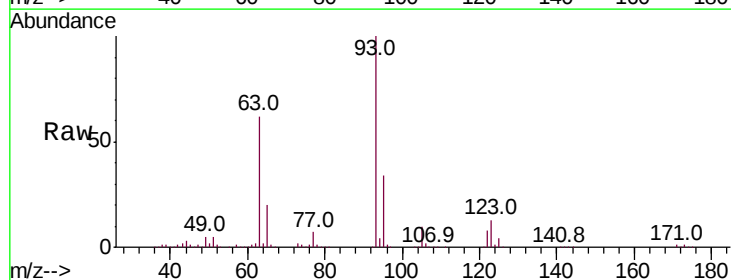
Tgt Ion: 93 Resp: 845912

Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.4

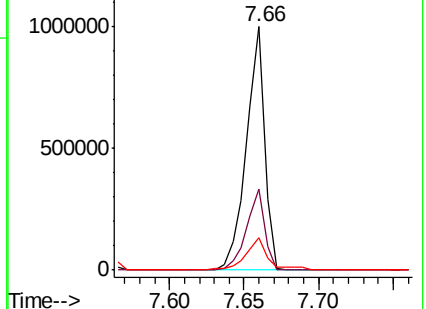
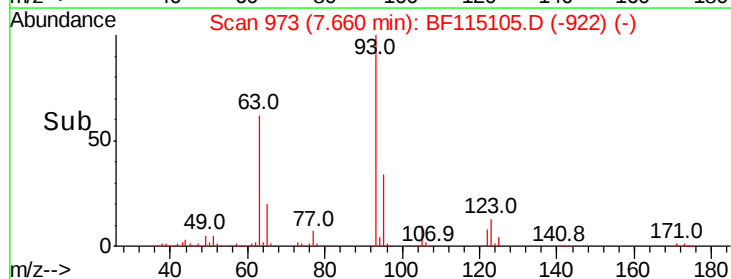
123 13.1 9.7 14.5

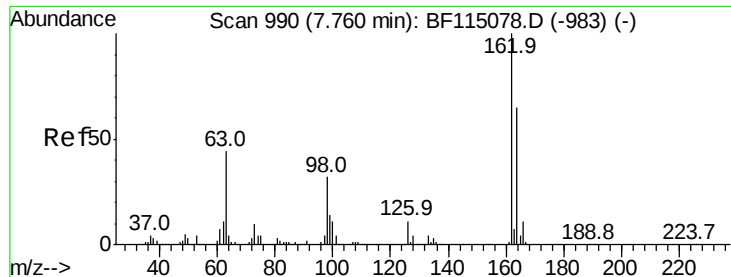


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

SSTDCCC040EC

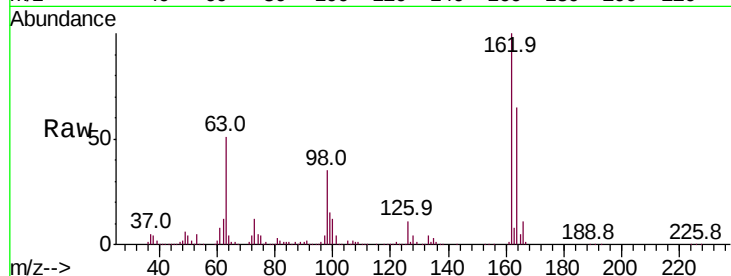
Tot Ion:162 Resp: 608180

Ion Ratio Lower Upper

162 100

164 65.2 45.3 85.3

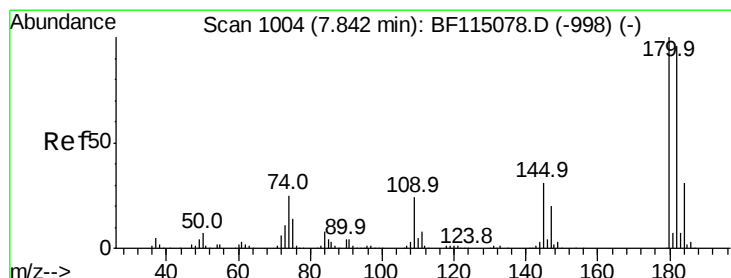
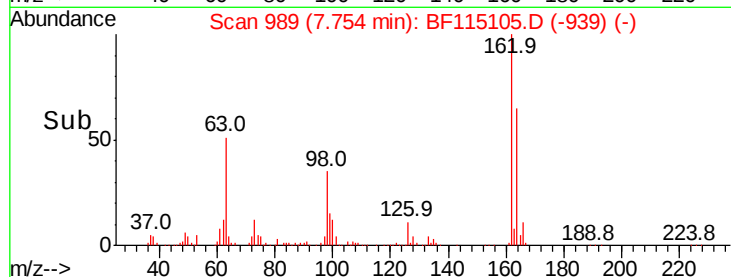
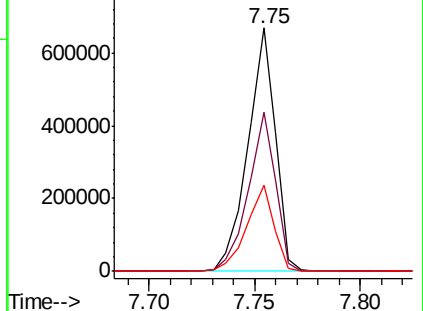
98 35.5 12.5 52.5



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

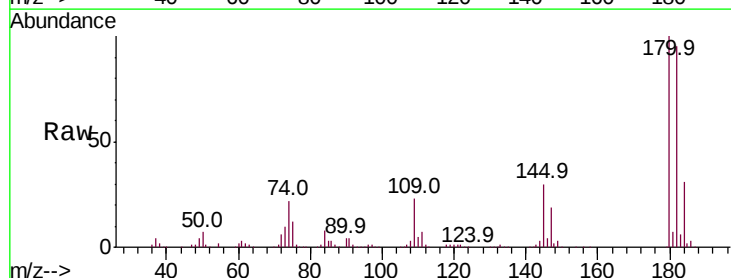
Tgt Ion:180 Resp: 684015

Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

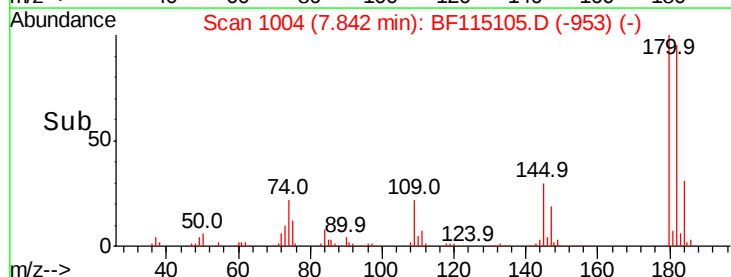
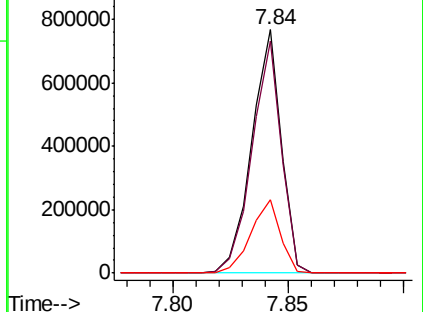
145 30.0 24.8 37.2

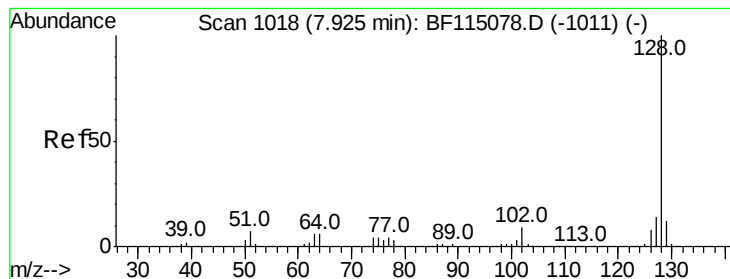


Abundance Ion 180.00 (179.70 to 180.70): E

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 :

SSTDCCC040EC

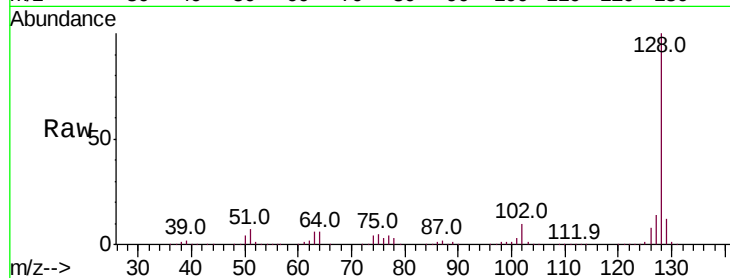
Tot Ion:128 Resp: 1998252

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

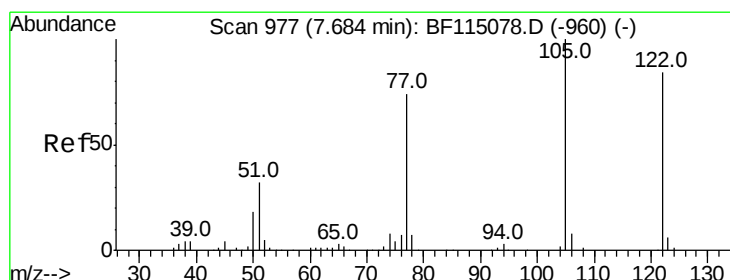
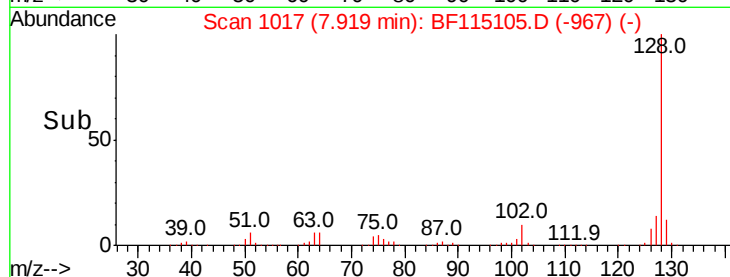
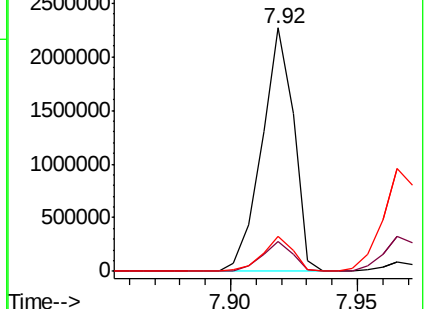
127 14.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#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

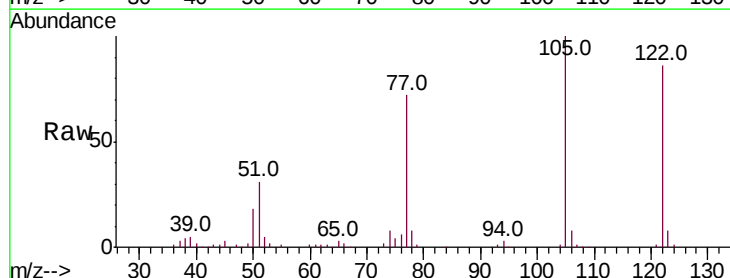
Tgt Ion:122 Resp: 441866

Ion Ratio Lower Upper

122 100

105 116.9 98.2 138.2

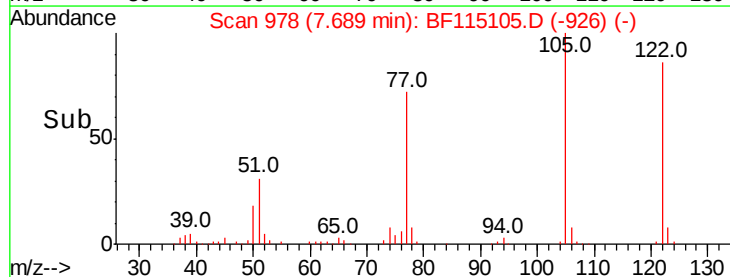
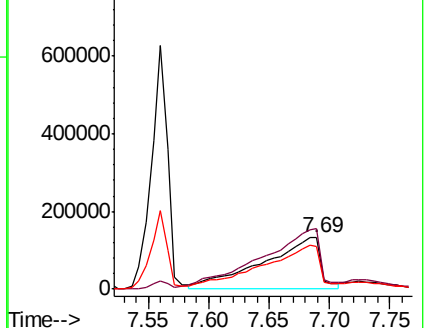
77 84.1 67.0 107.0

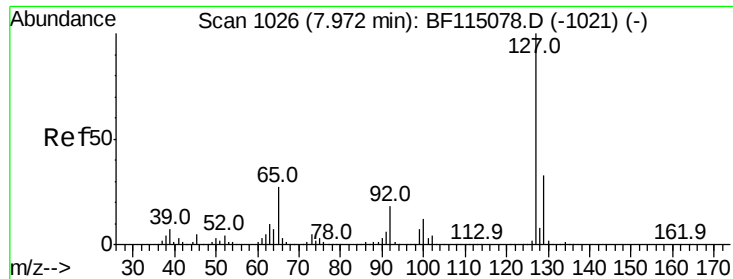


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

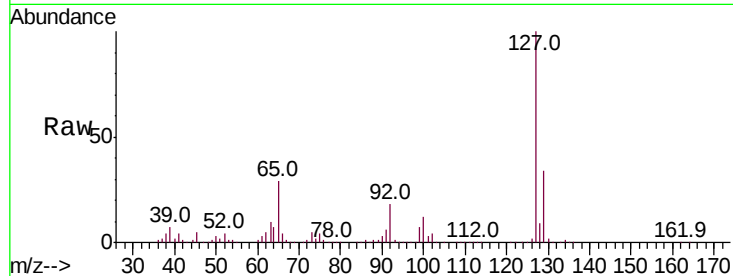




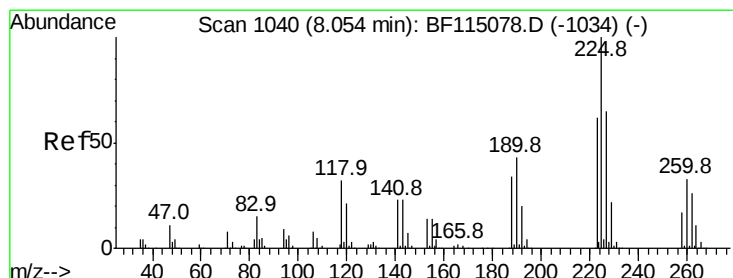
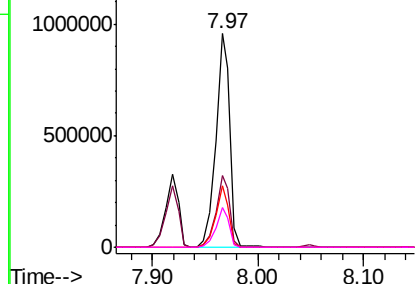
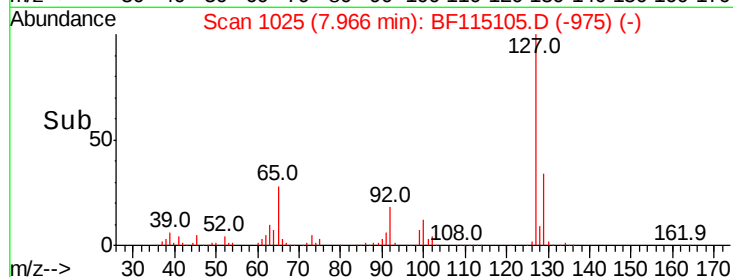
#33
4-Chloroaniline
Concen: 40.631 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

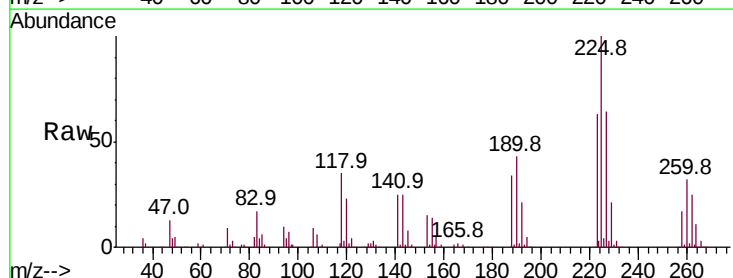


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

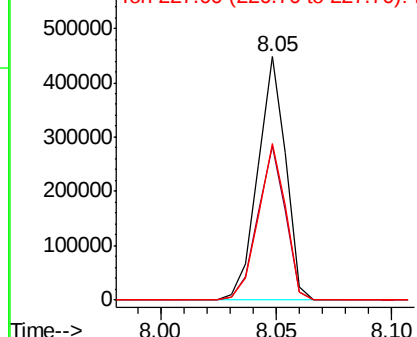
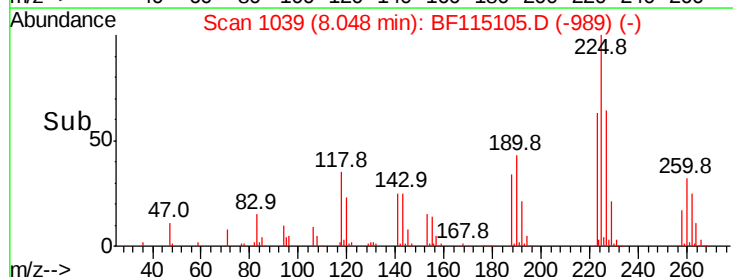


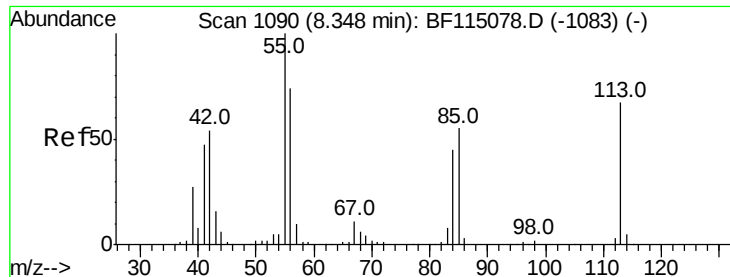
#34
Hexachlorobutadiene
Concen: 42.357 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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 :

SSTDCCC040EC

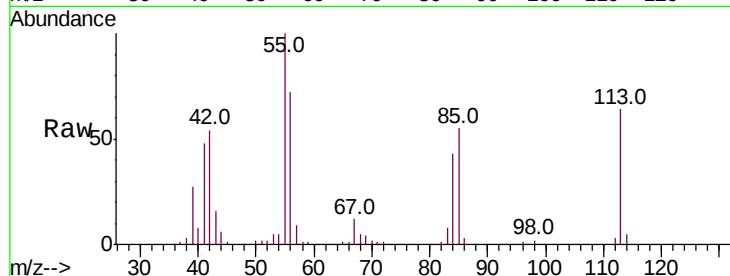
Tot Ion:113 Resp: 194886

Ion Ratio Lower Upper

113 100

55 155.2 130.2 170.2

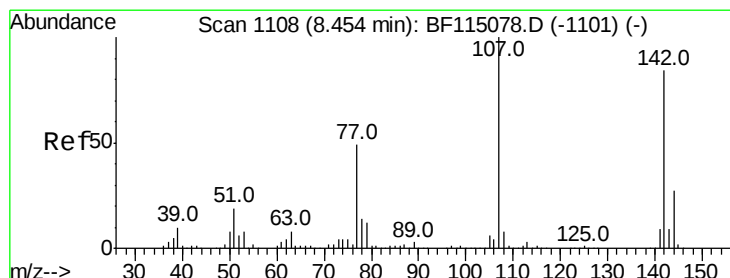
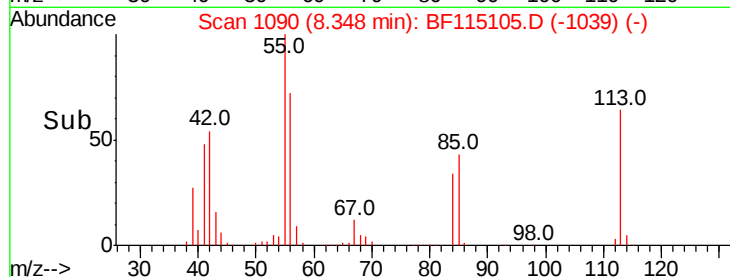
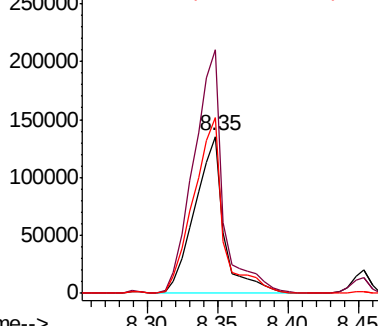
56 112.3 91.6 131.6



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

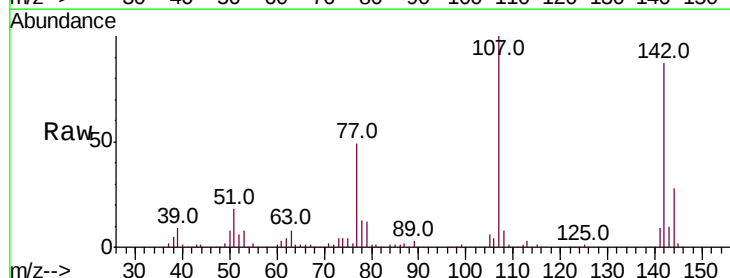
Tgt Ion:107 Resp: 603590

Ion Ratio Lower Upper

107 100

144 28.5 21.7 32.5

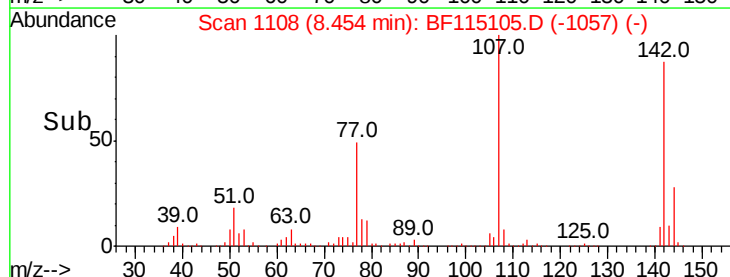
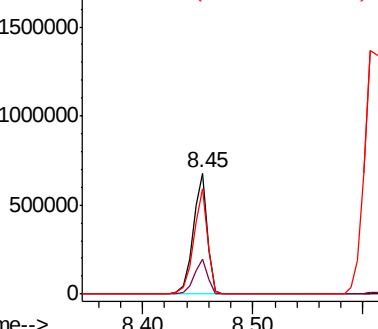
142 87.3 67.0 100.4

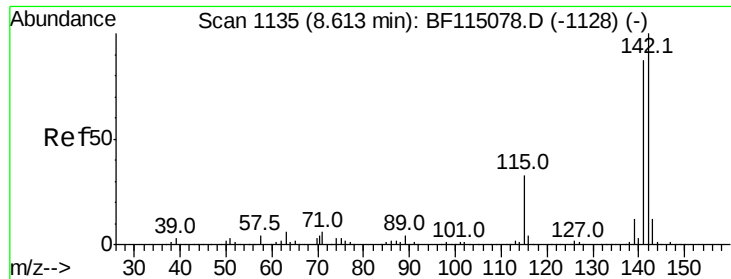


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

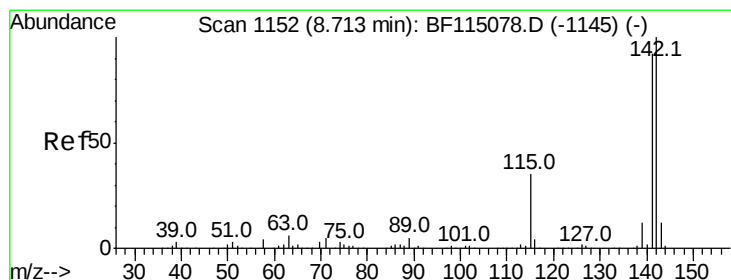
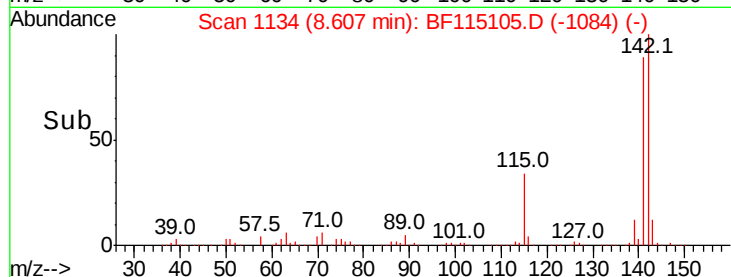
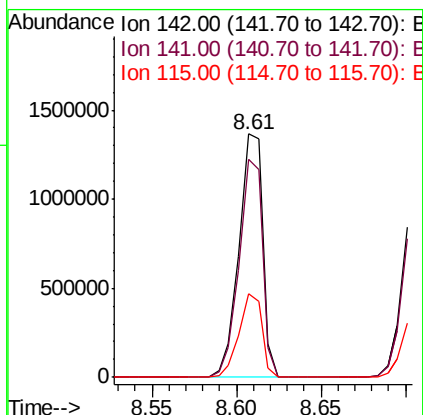
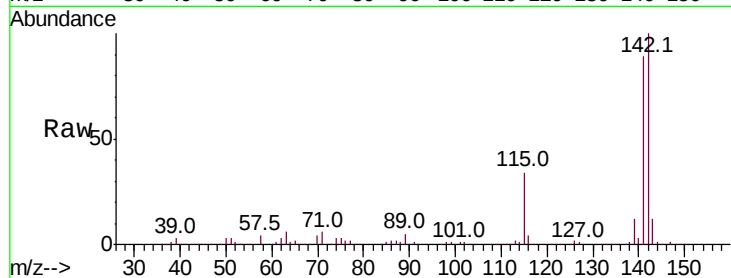




#37
 2-Methylnaphthalene
 Concen: 41.267 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

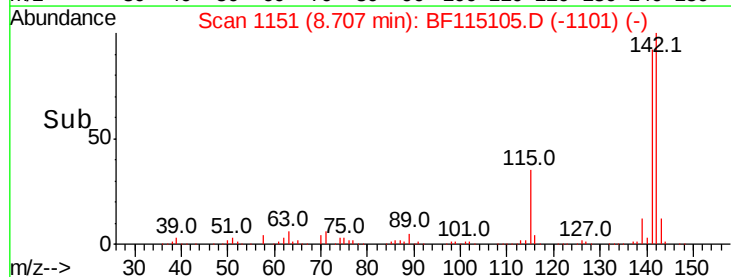
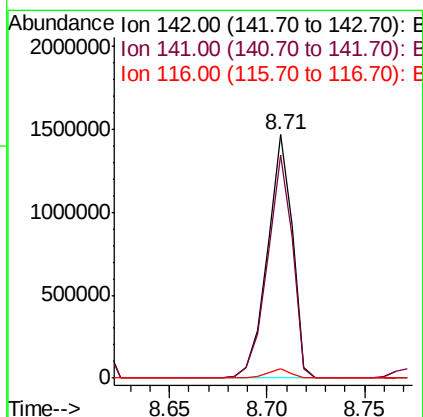
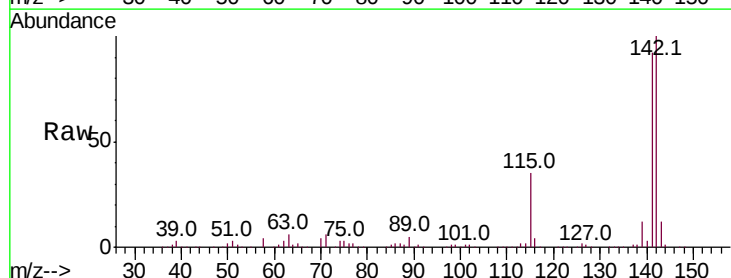
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

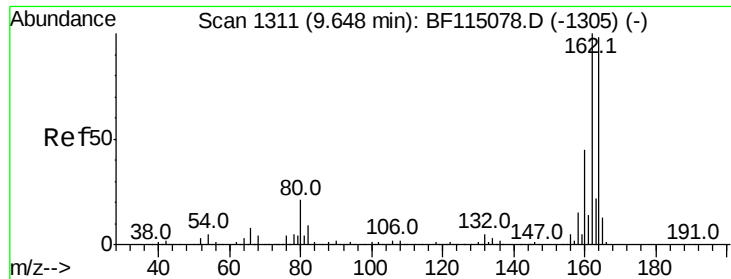
Tot Ion:142 Resp: 1344562
 Ion Ratio Lower Upper
 142 100
 141 89.4 69.8 104.6
 115 34.3 26.7 40.1



#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

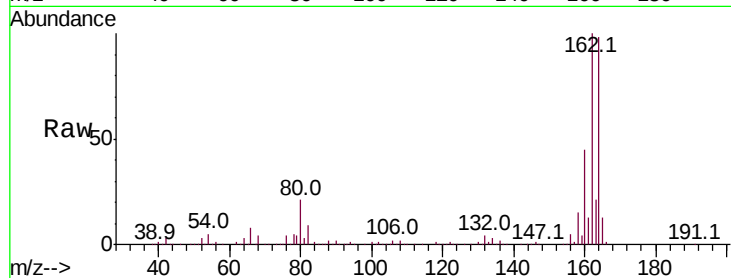




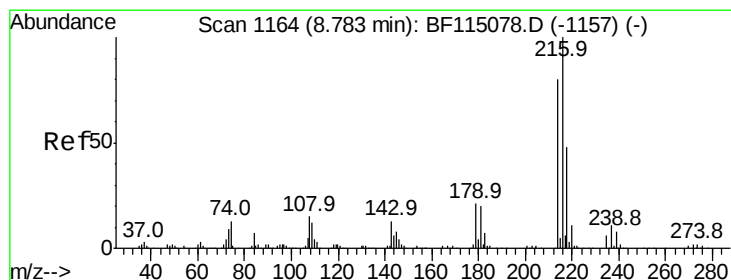
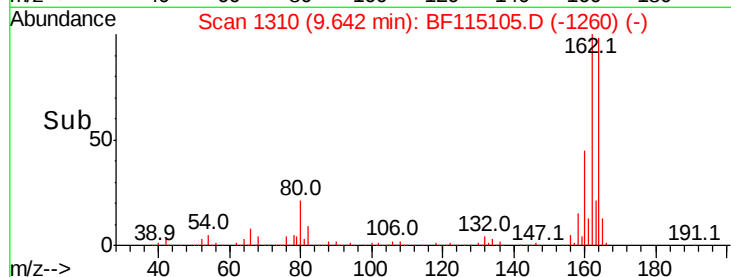
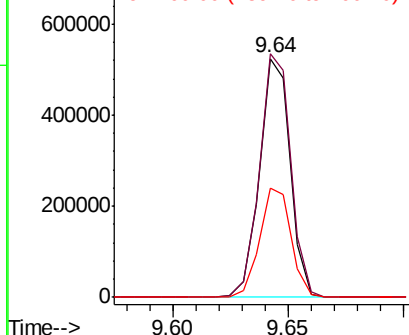
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

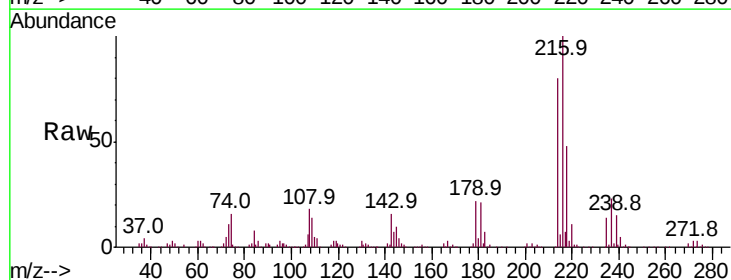


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

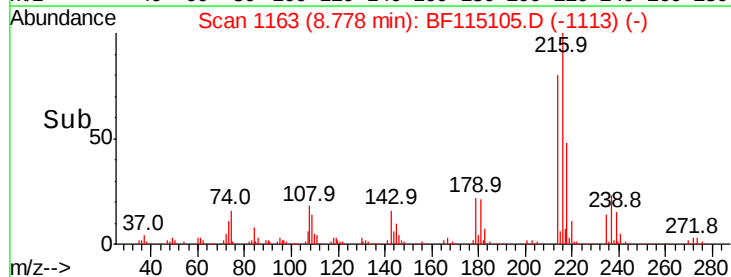
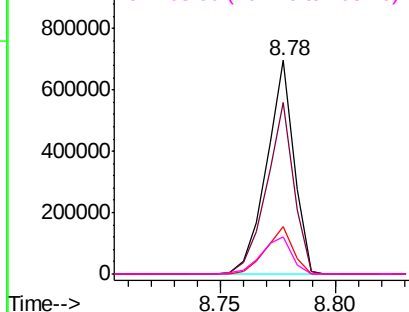


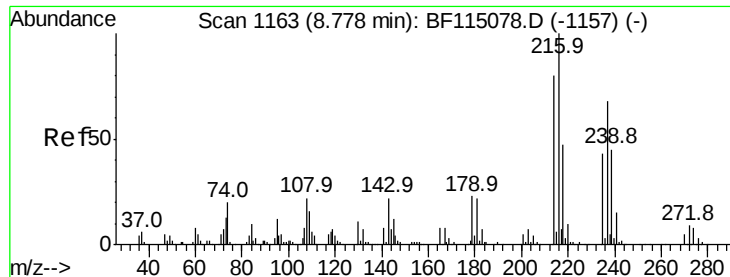
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.998 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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 :

SSTDCCC040EC

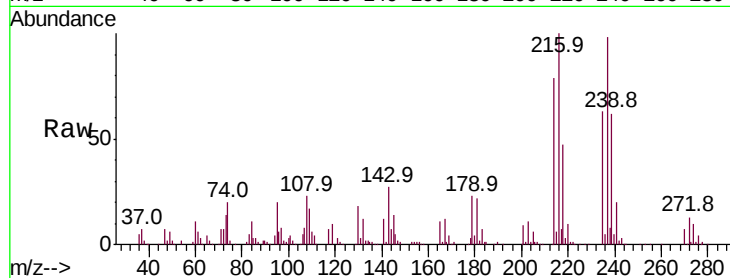
Tot Ion:237 Resp: 326259

Ion Ratio Lower Upper

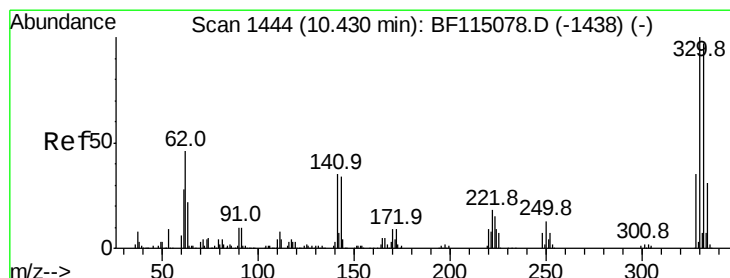
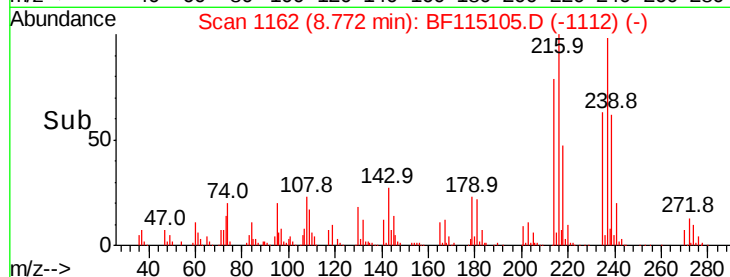
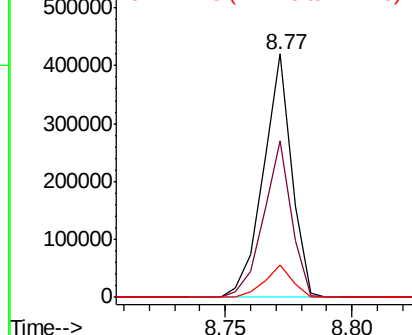
237 100

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

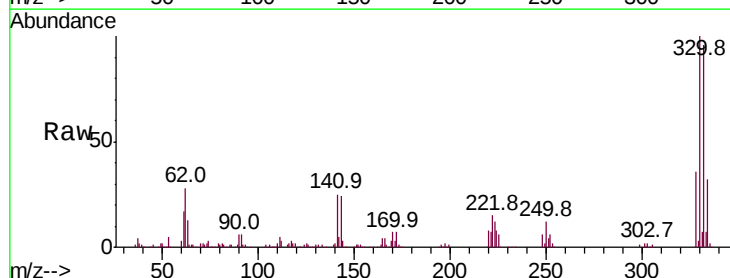
Tgt Ion:330 Resp: 436802

Ion Ratio Lower Upper

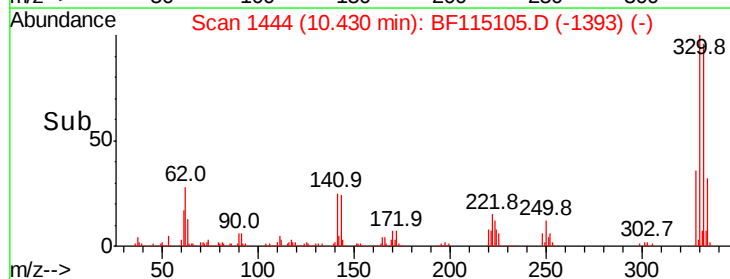
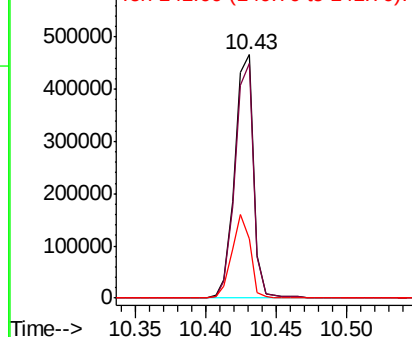
330 100

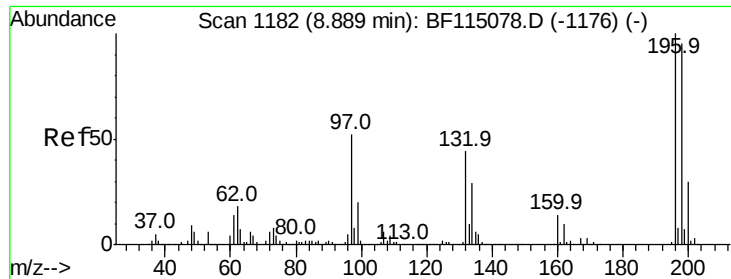
332 96.2 77.3 115.9

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

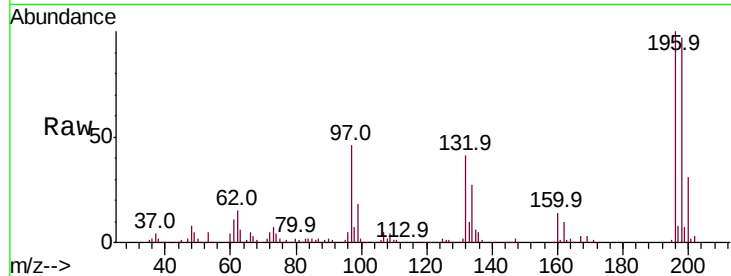




#43
 2,4,6-Trichlorophenol
 Concen: 41.351 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

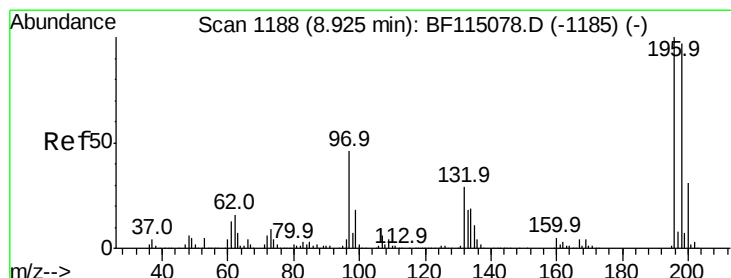
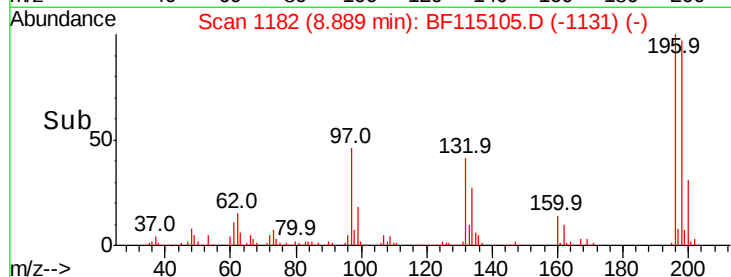
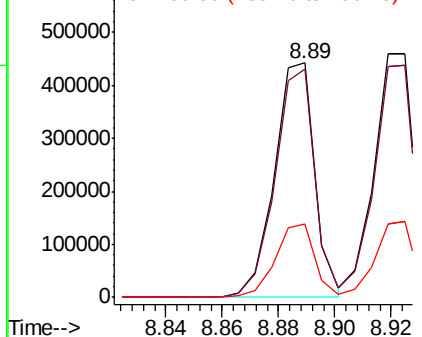


Abundance

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	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

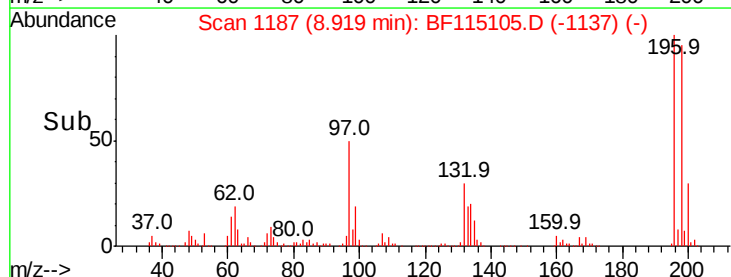
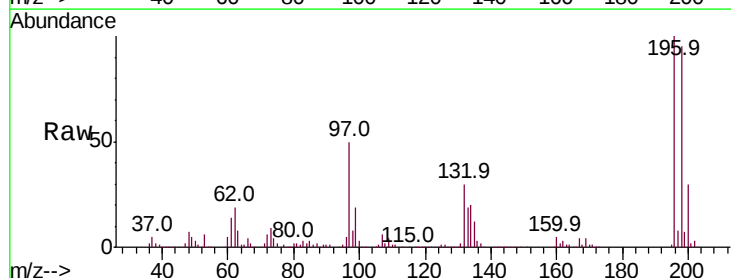
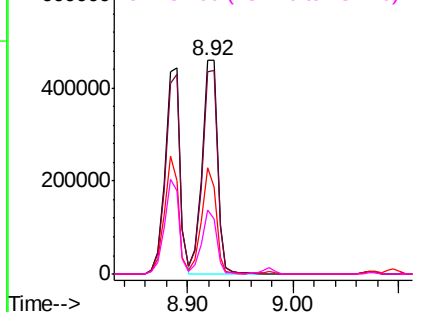
Abundance

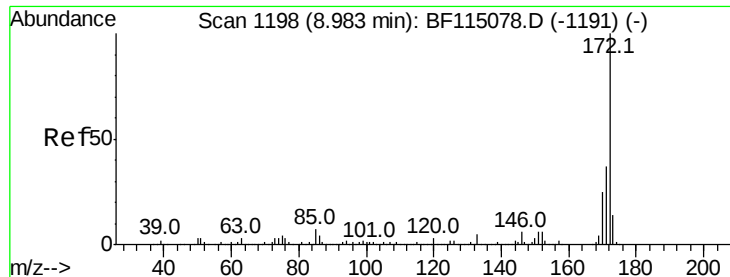
Ion 196.00 (195.70 to 196.70): E

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

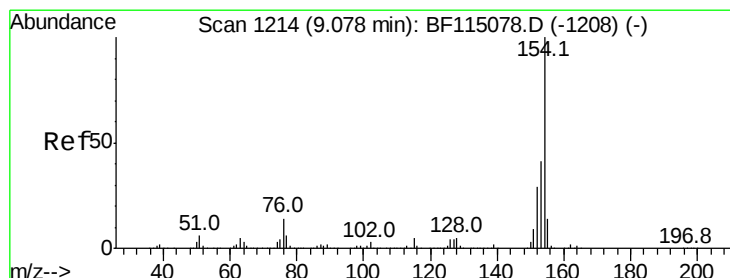
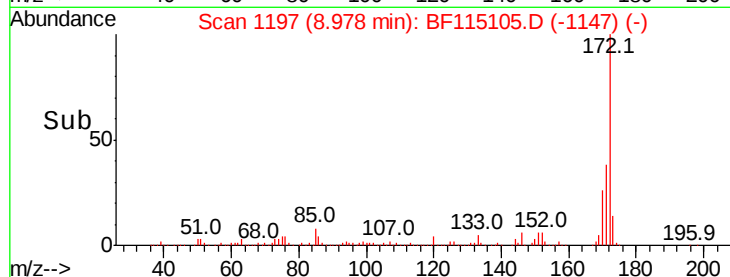
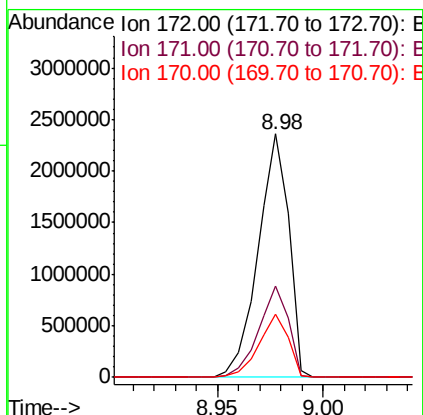
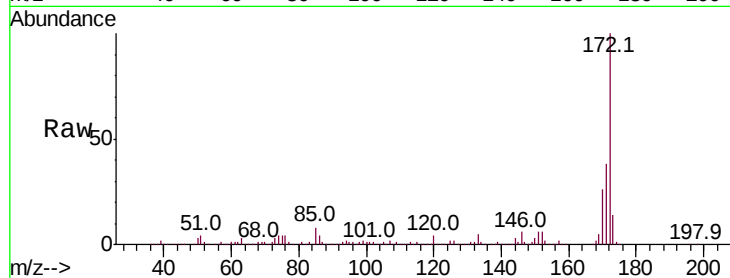




#45
2-Fluorobiphenyl
Concen: 83.162 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

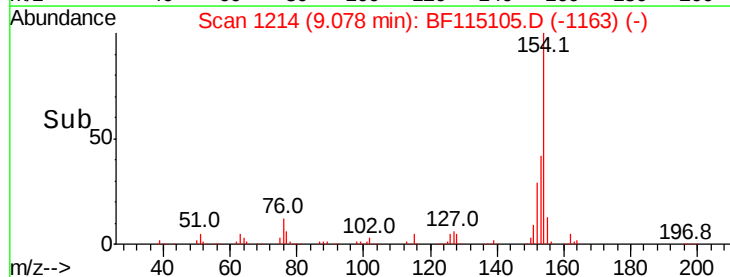
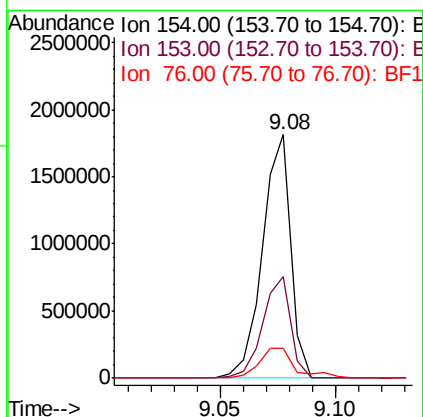
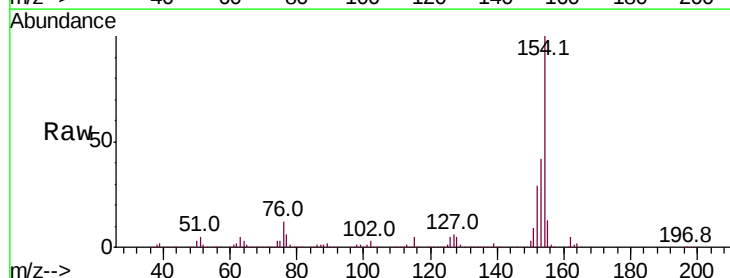
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

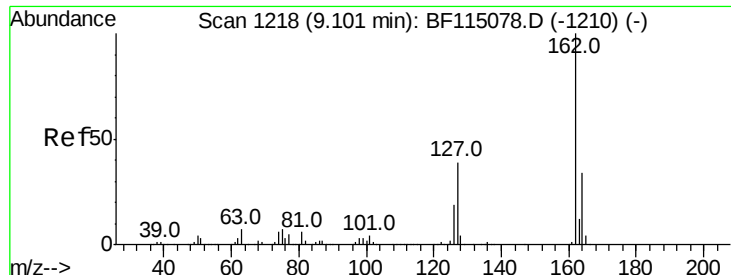
Tot Ion:172 Resp: 2372468
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 26.0 20.3 30.5



#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

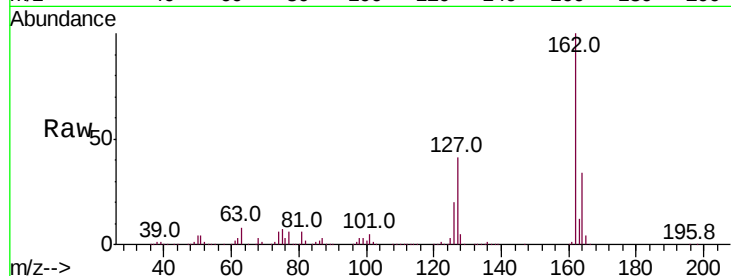




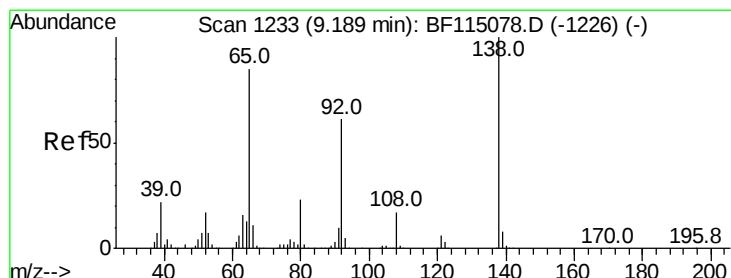
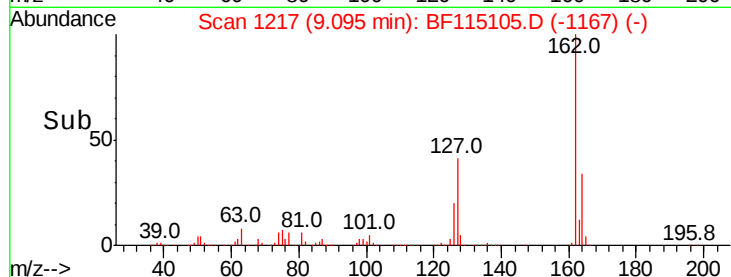
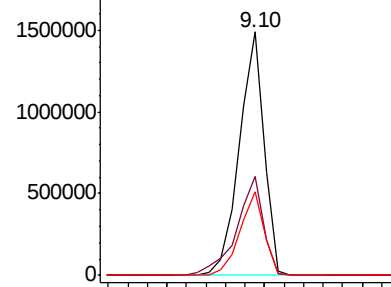
#47
 2-Chloronaphthalene
 Concen: 41.561 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

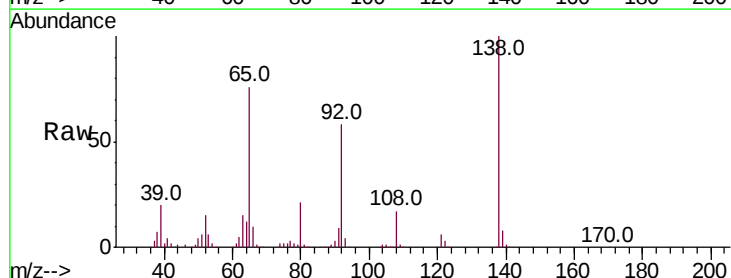


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

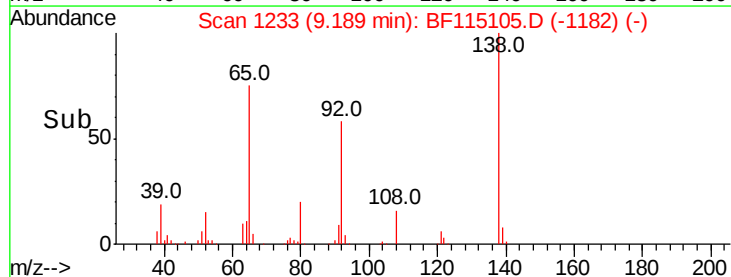
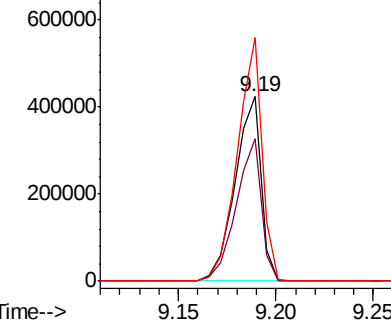


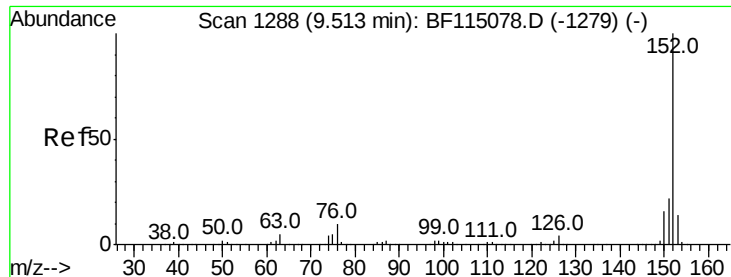
#48
 2-Nitroaniline
 Concen: 42.571 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

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
 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 :

SSTDCCC040EC

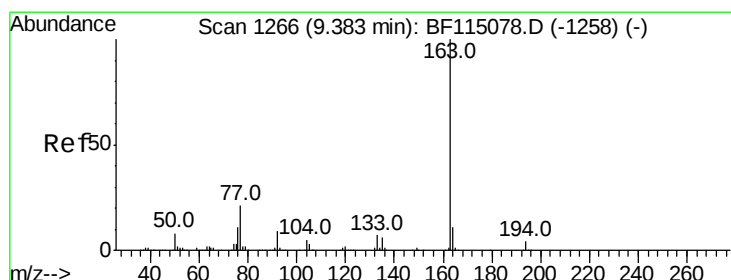
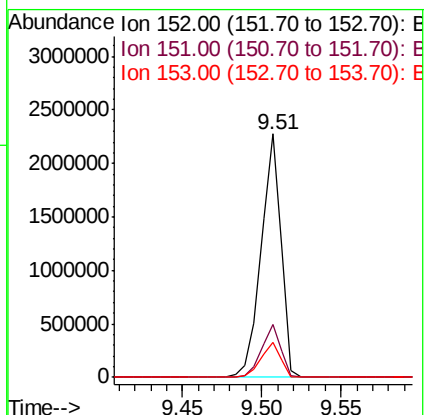
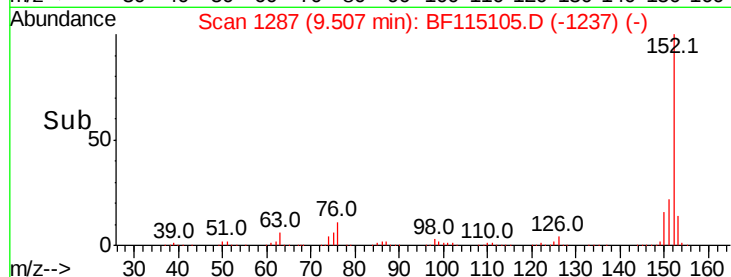
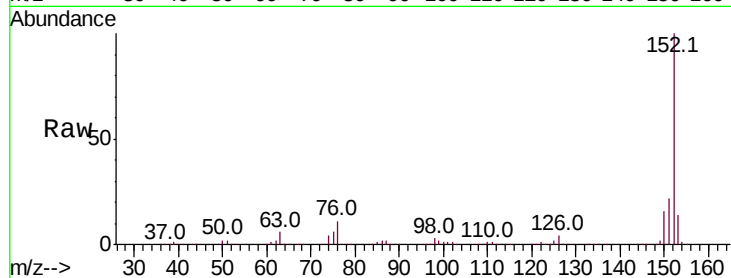
Tot Ion:152 Resp: 2005777

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

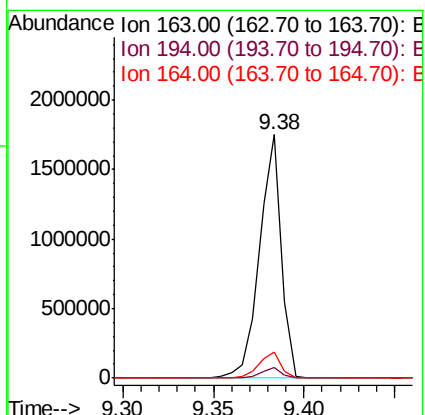
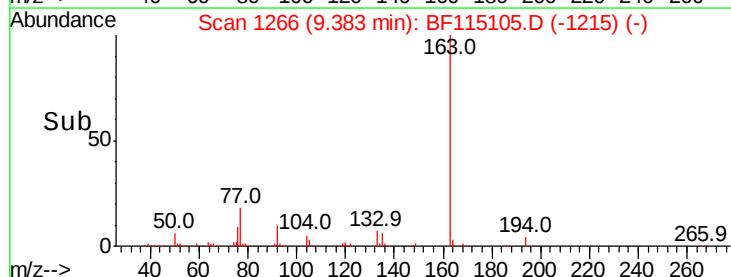
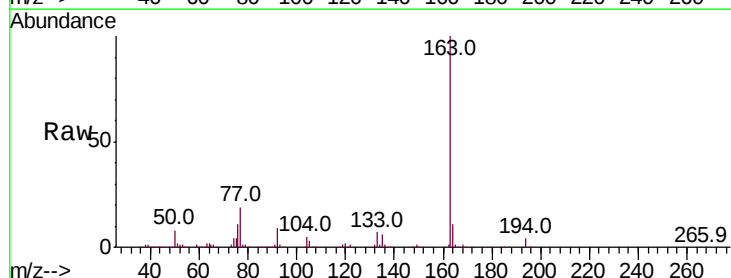
Tgt Ion:163 Resp: 1464461

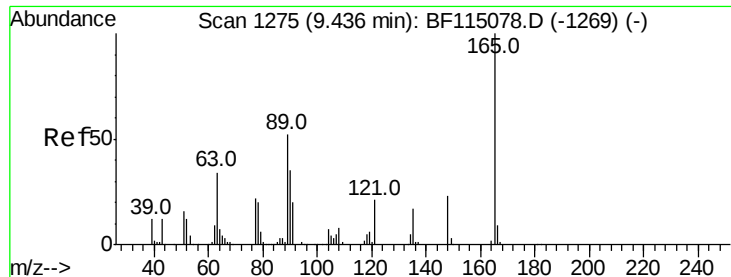
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.7 8.6 13.0

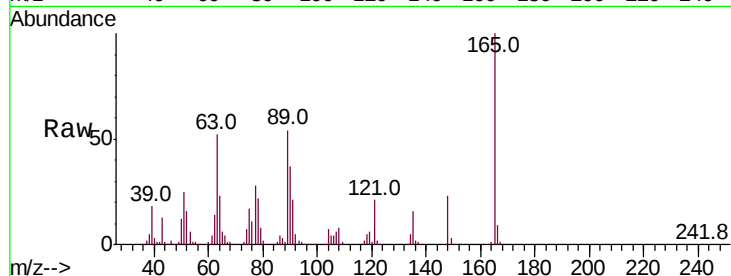




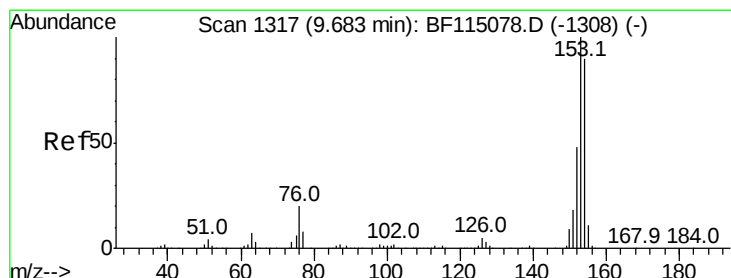
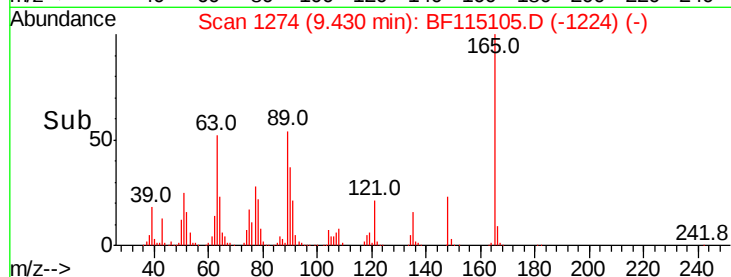
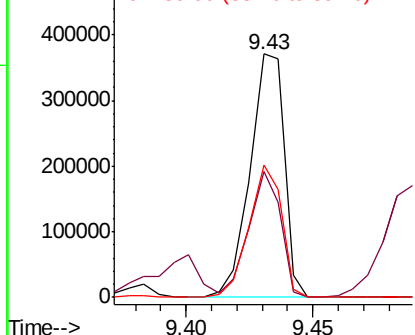
#51
2,6-Dinitrotoluene
Concen: 42.670 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

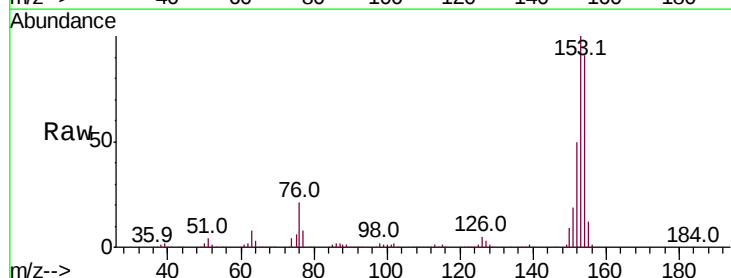


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

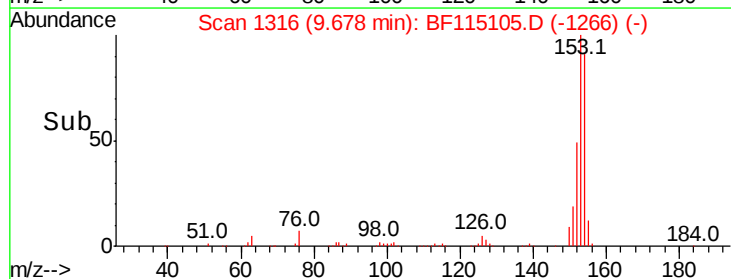
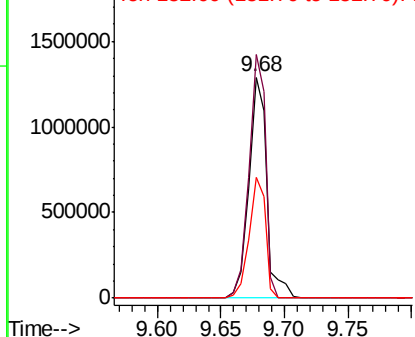


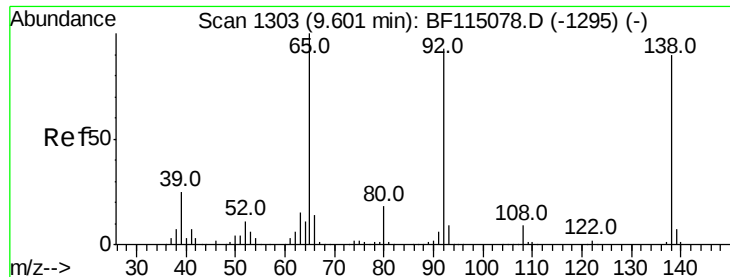
#52
Acenaphthene
Concen: 41.185 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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

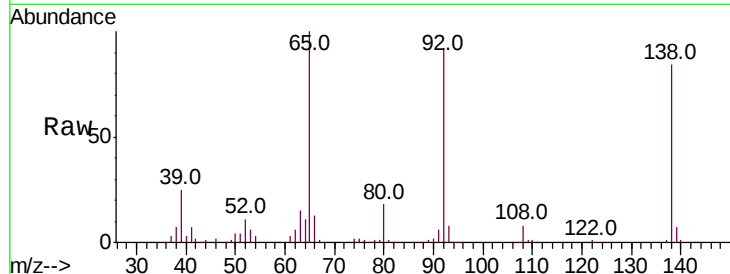




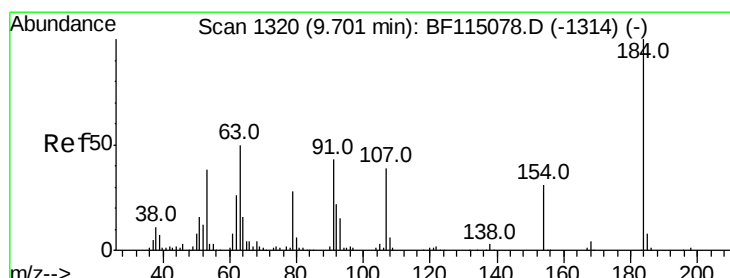
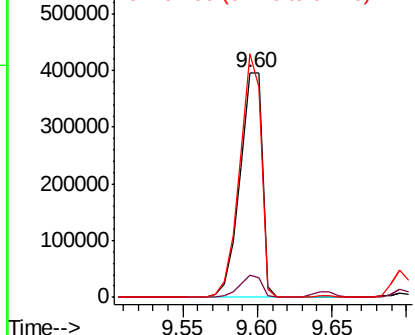
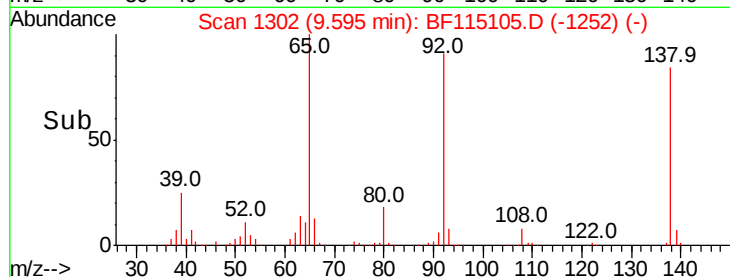
#53
3-Nitroaniline
Concen: 41.184 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

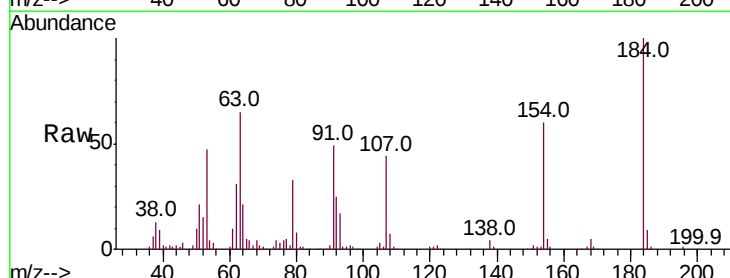


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

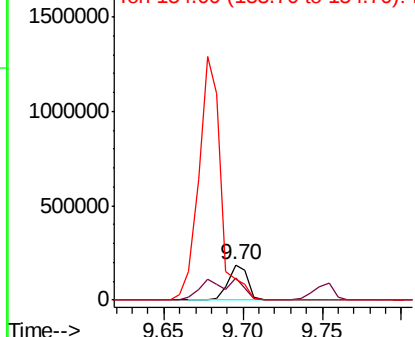
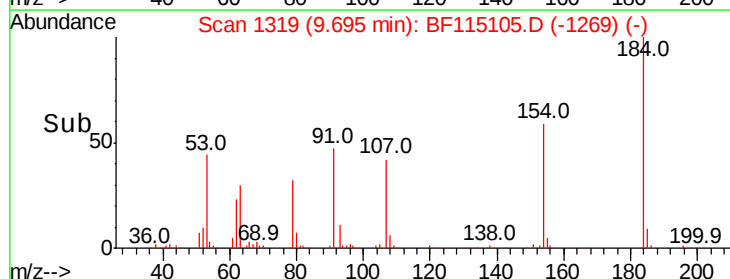


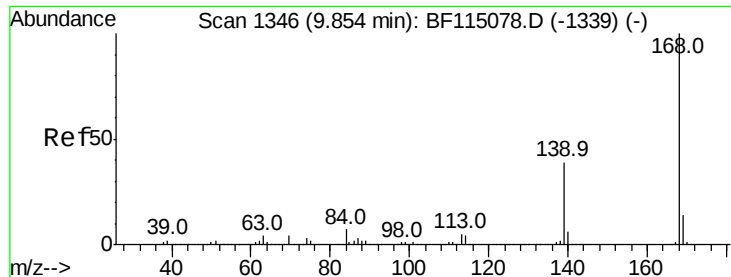
#54
2,4-Dinitrophenol
Concen: 41.859 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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

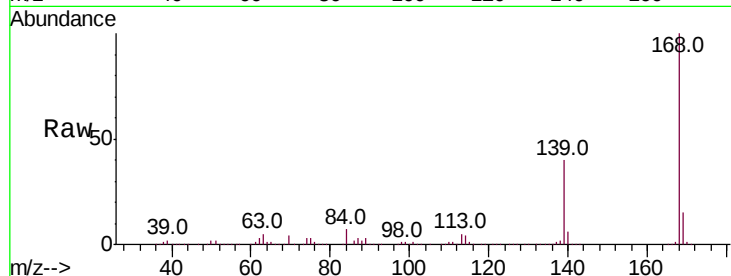




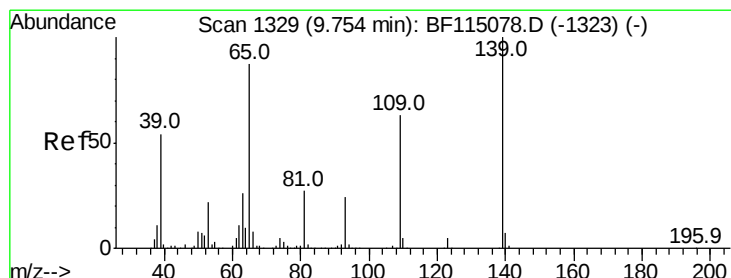
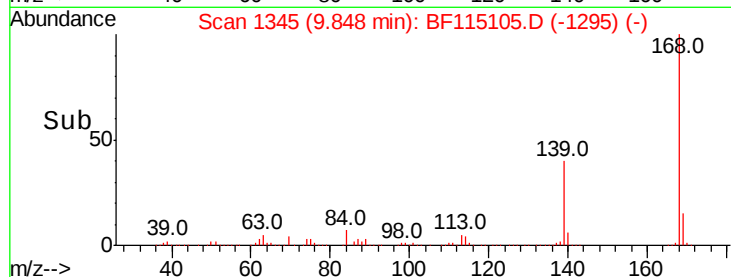
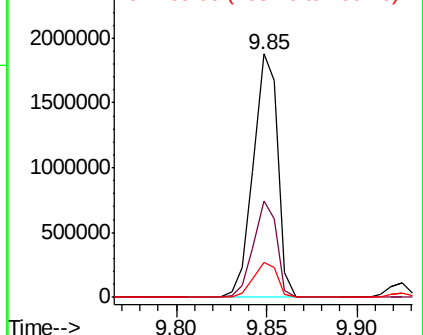
#55
Dibenzofuran
Concen: 40.020 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

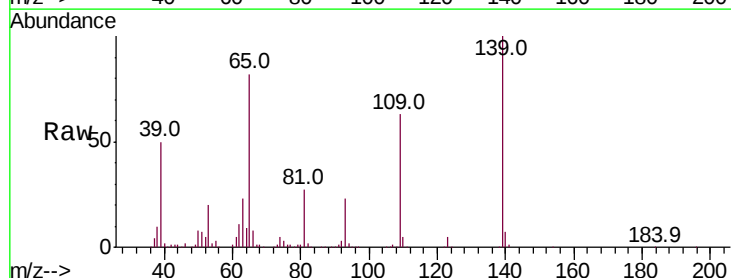


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

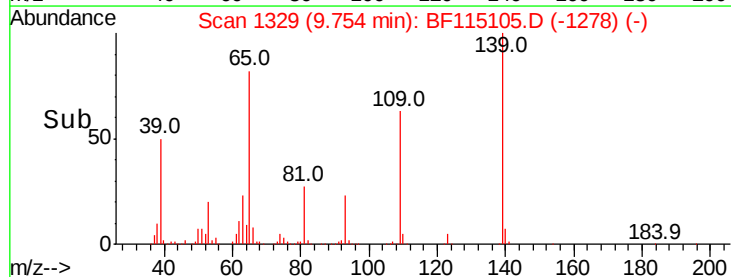
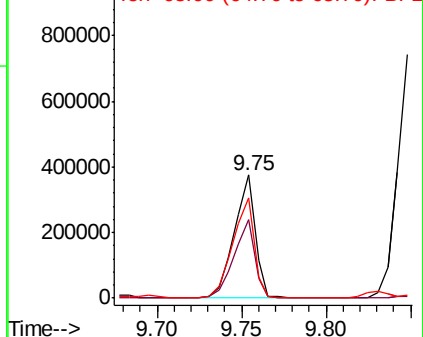


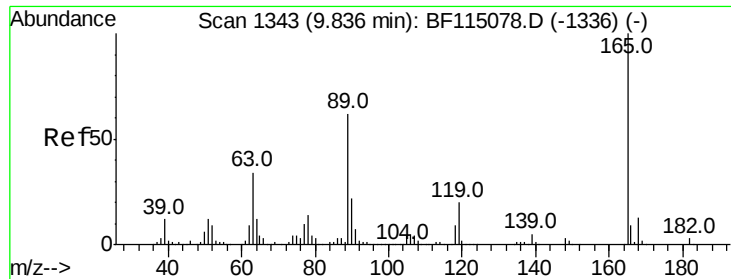
#56
4-Nitrophenol
Concen: 40.435 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

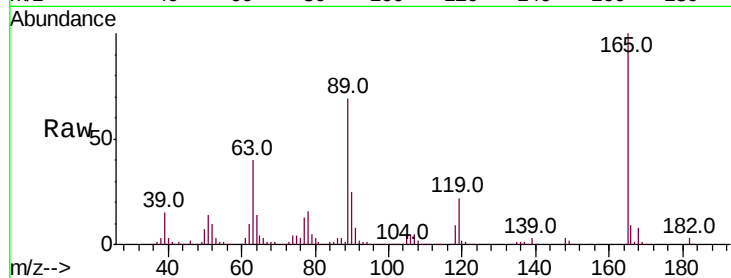




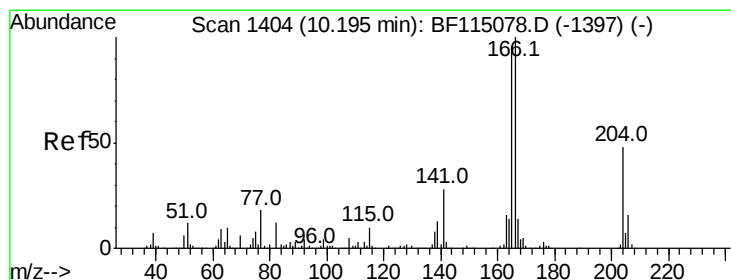
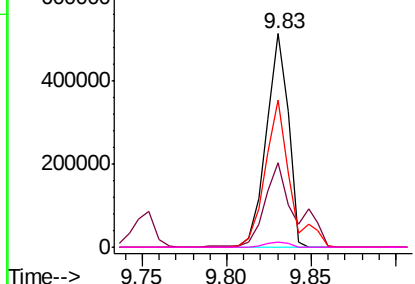
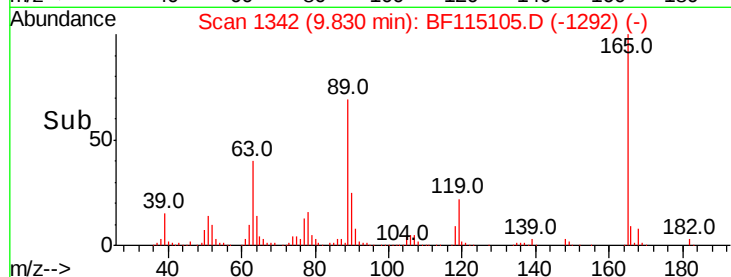
#57
2,4-Dinitrotoluene
Concen: 43.432 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

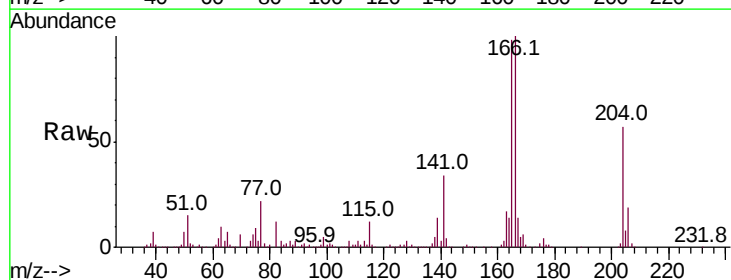


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

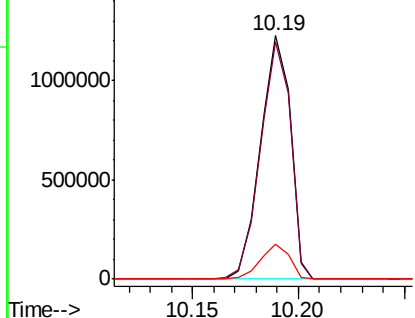
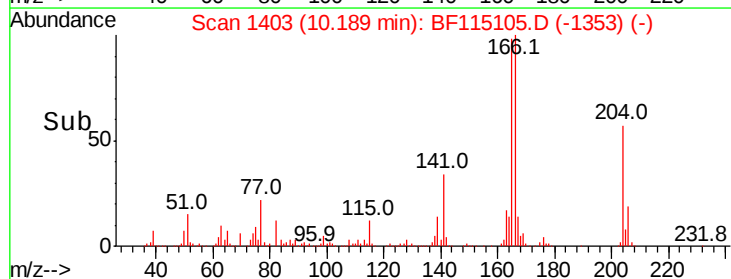


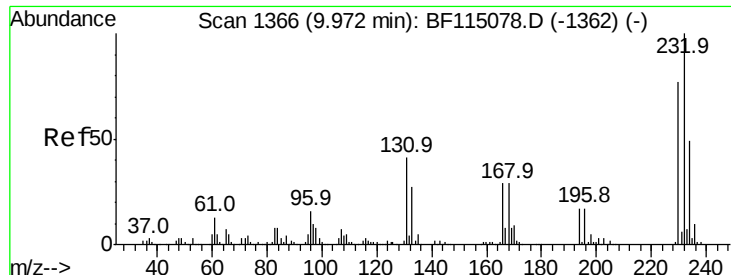
#58
Fluorene
Concen: 41.000 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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

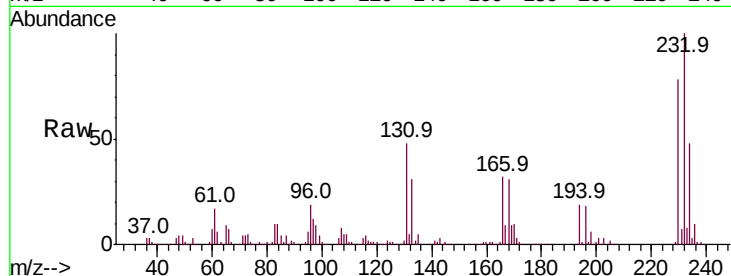




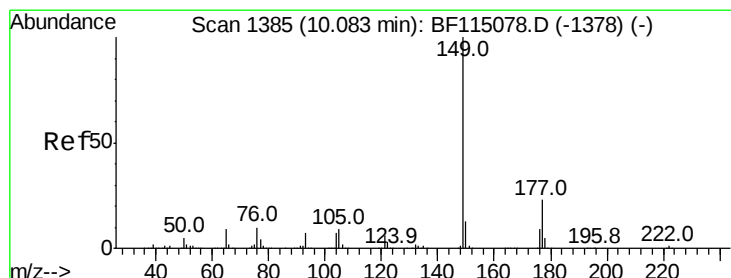
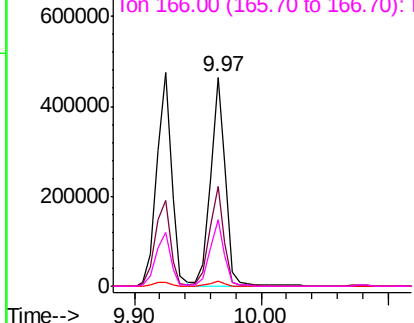
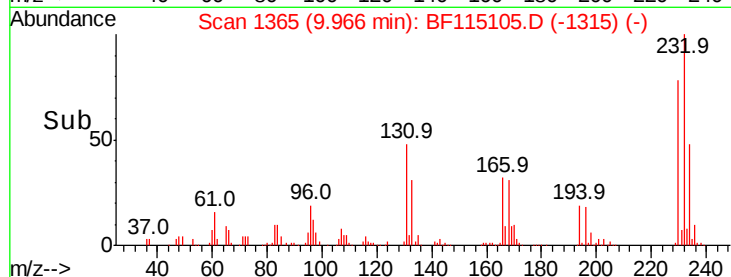
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.295 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

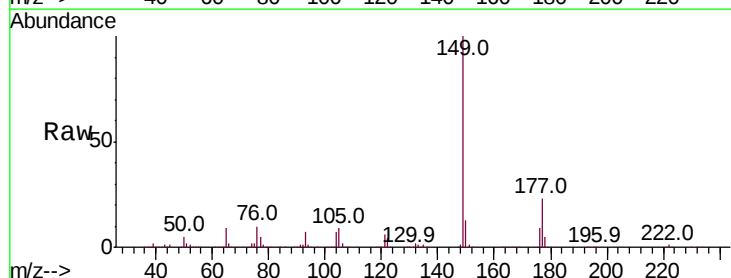


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

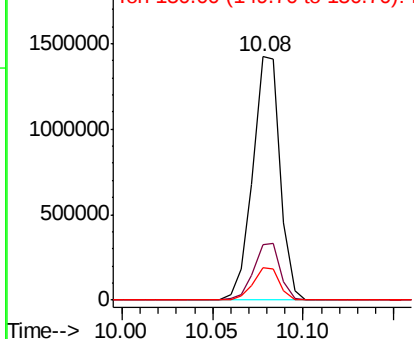
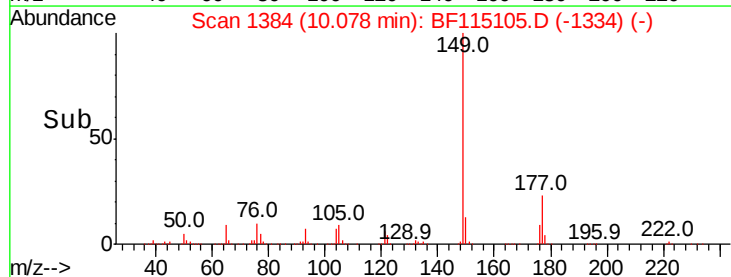


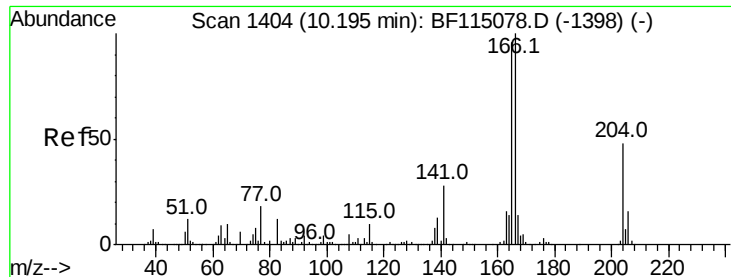
#60
 Diethylphthalate
 Concen: 41.616 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

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

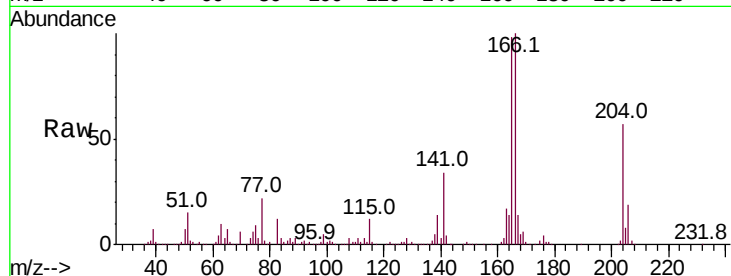




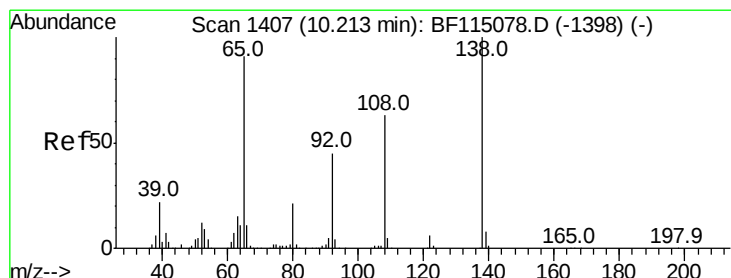
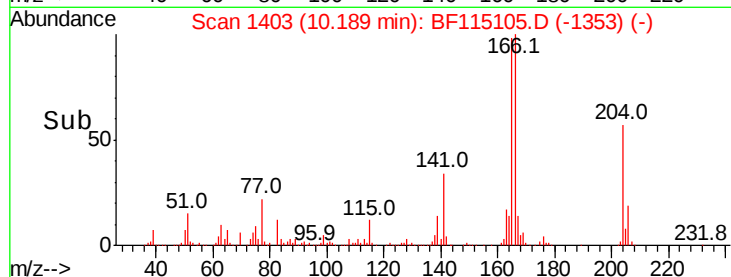
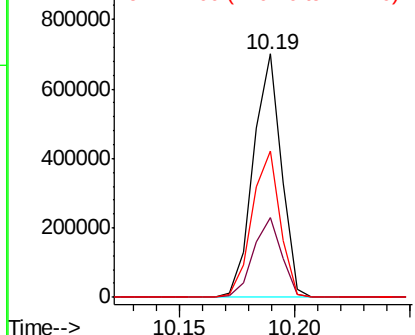
#61
4-Chlorophenyl-phenylether
Concen: 42.329 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 595046
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 60.1 46.7 70.1

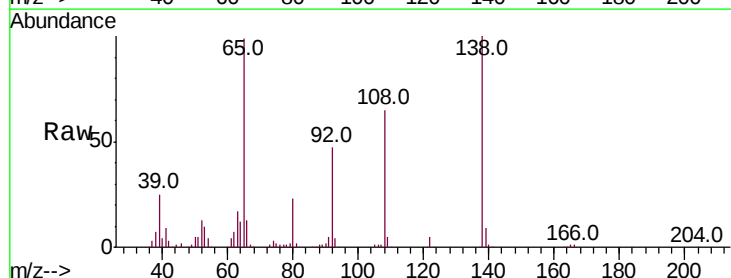


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

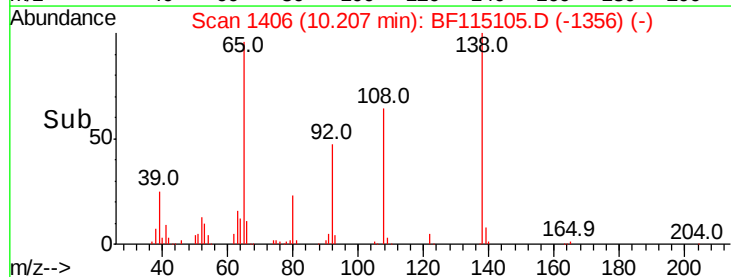
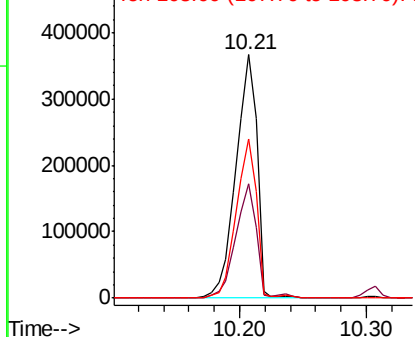


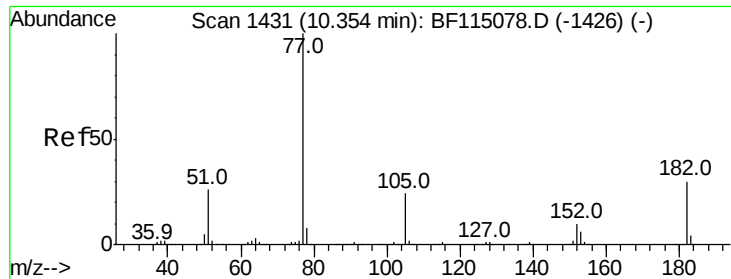
#62
4-Nitroaniline
Concen: 41.542 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:138 Resp: 418607
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

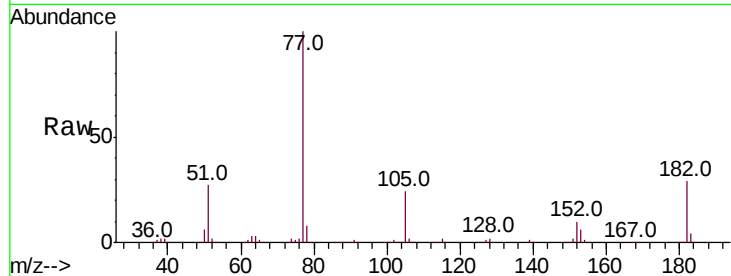




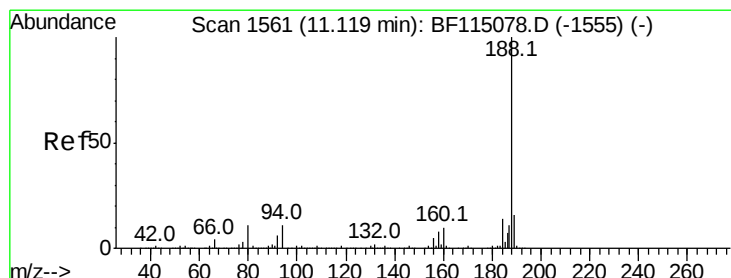
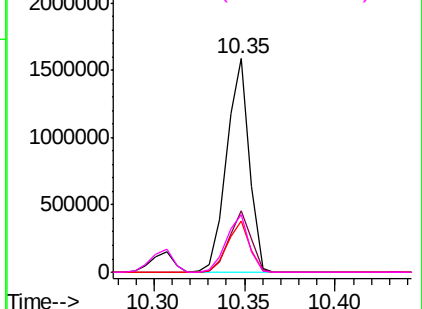
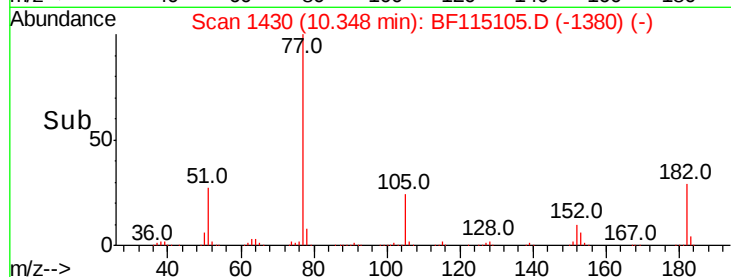
#63
Azobenzene
Concen: 41.025 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

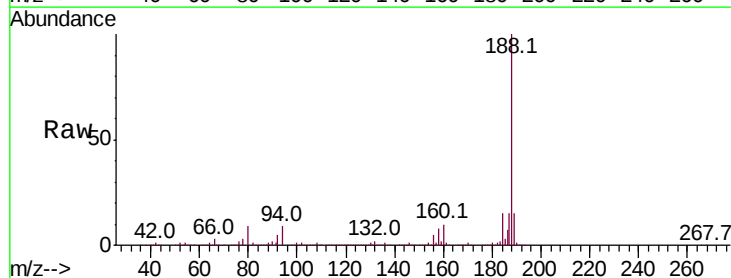


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

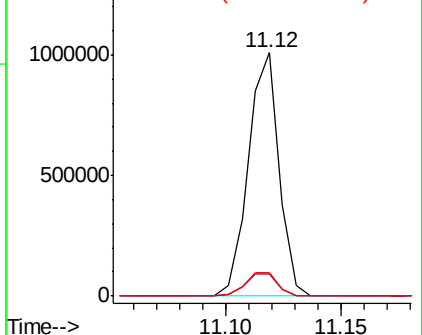
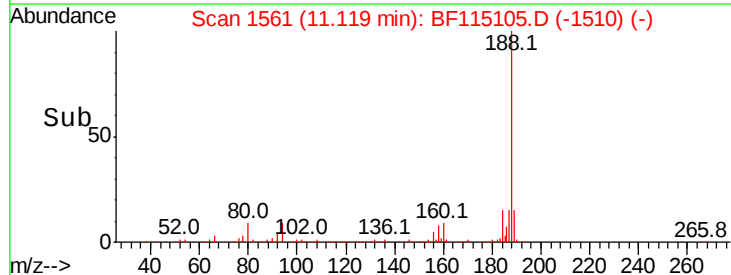


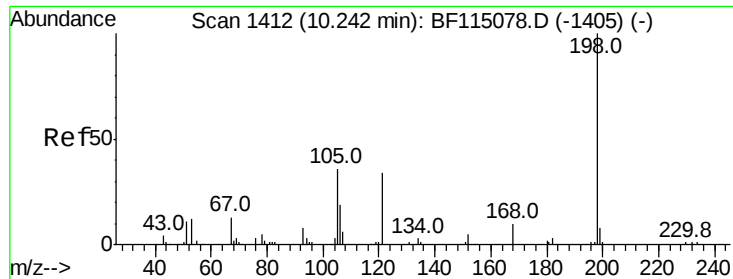
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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 :

SSTDCCC040EC

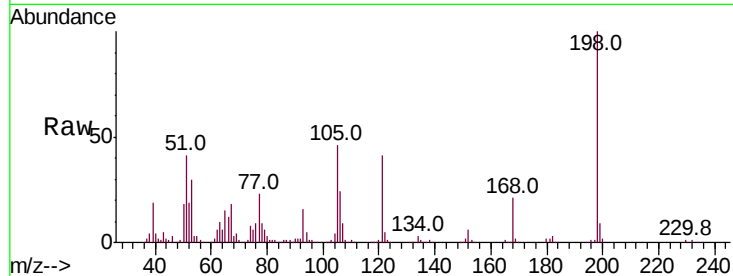
Tot Ion:198 Resp: 210869

Ion Ratio Lower Upper

198 100

51 40.7 11.0 51.0

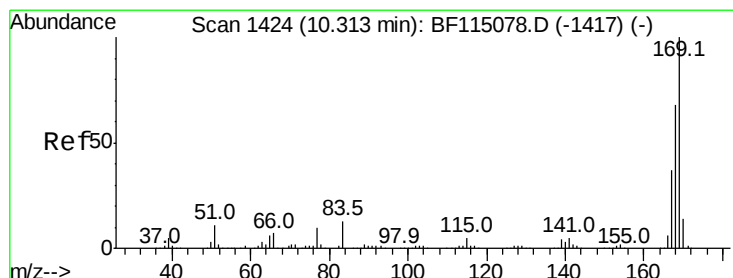
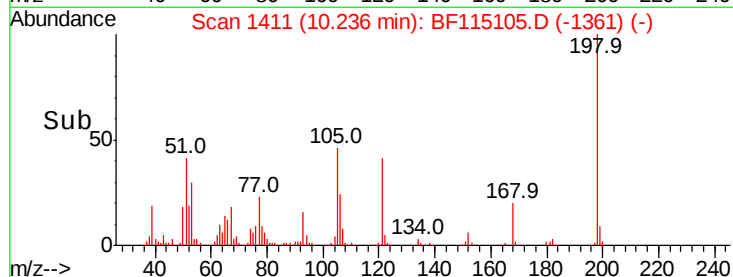
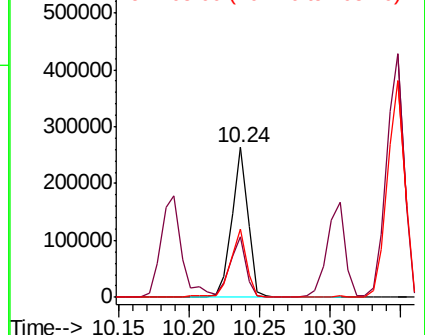
105 45.8 17.3 57.3



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

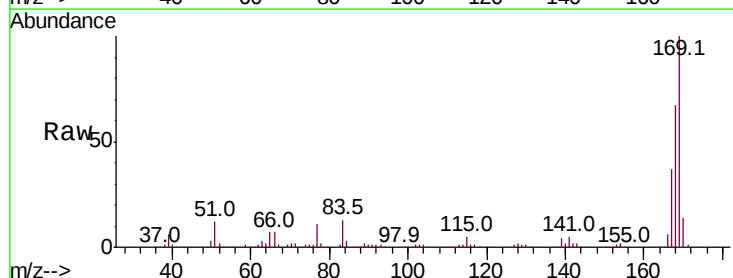
Tgt Ion:169 Resp: 1203932

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.4

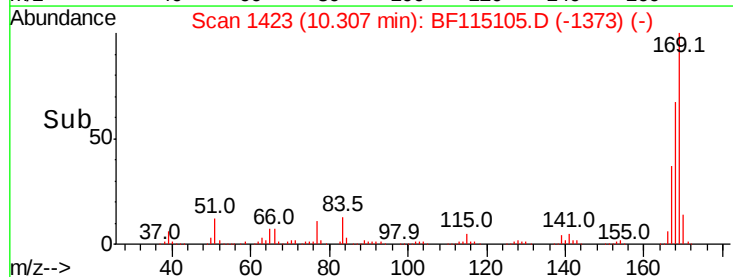
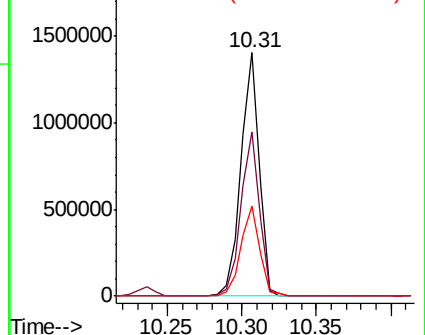
167 36.9 29.4 44.0

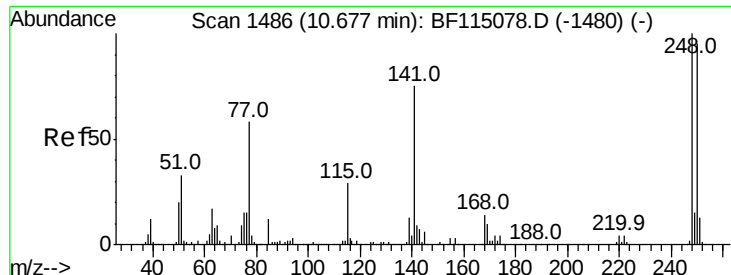


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

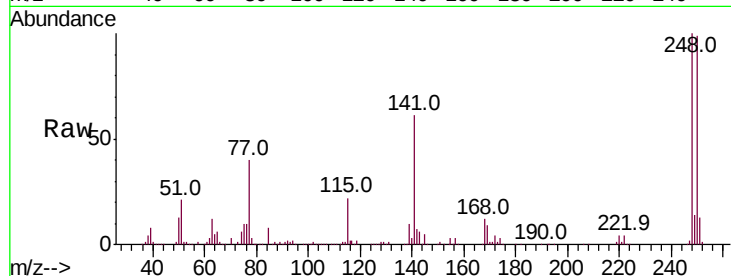




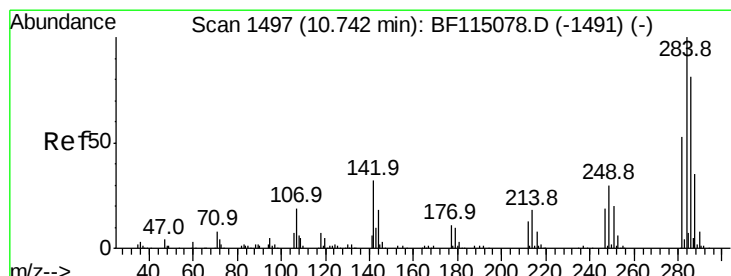
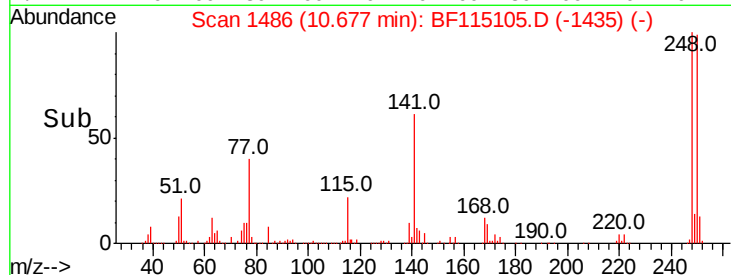
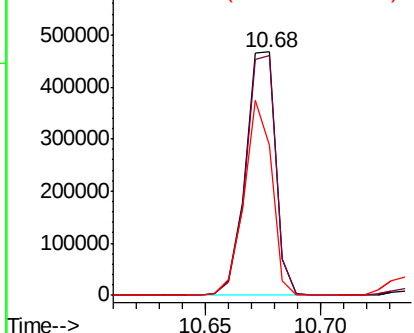
#67
4-Bromophenyl-phenylether
Concen: 42.162 ng
RT: 10.68 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 428558
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.2
141 61.5 59.6 89.4

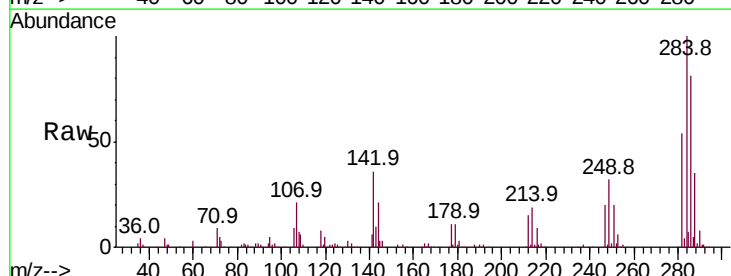


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

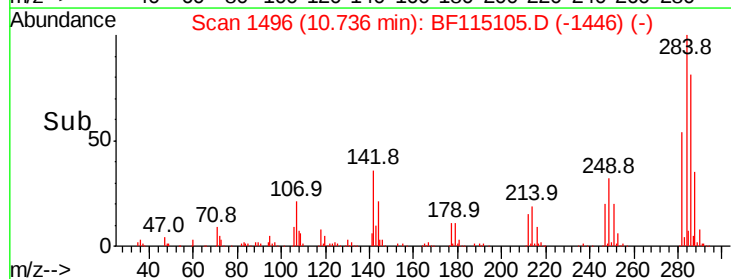
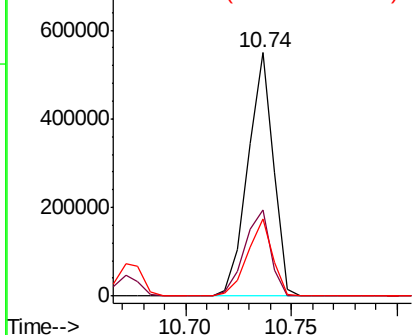


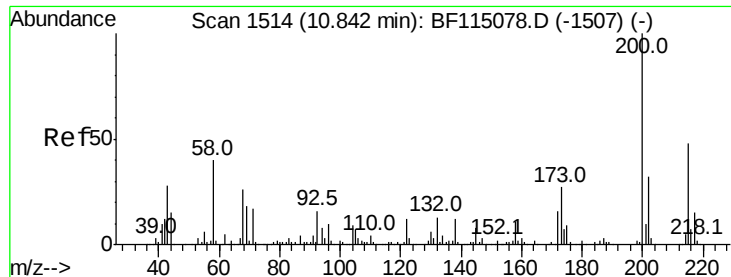
#68
Hexachlorobenzene
Concen: 41.884 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Tgt Ion:284 Resp: 462108
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

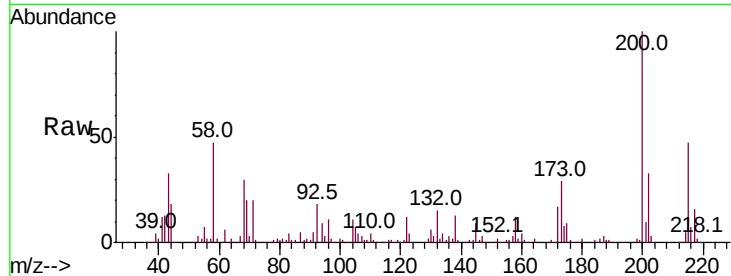




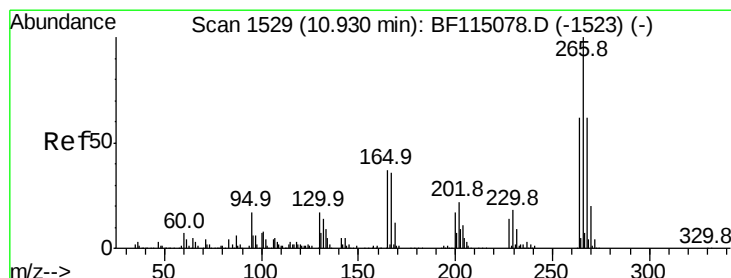
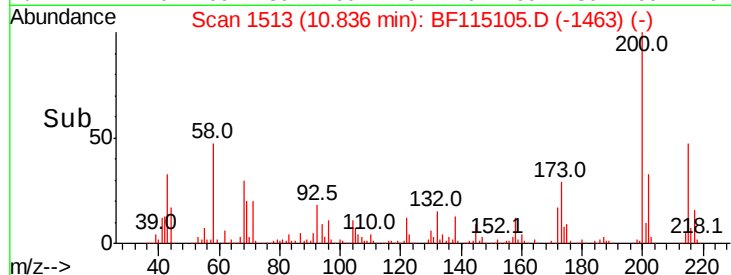
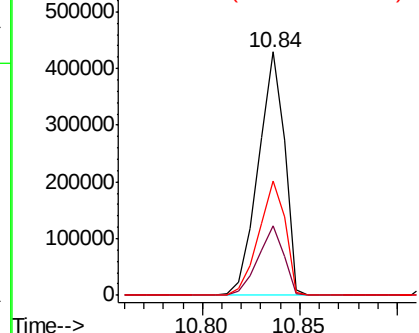
#69
Atrazine
Concen: 42.768 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

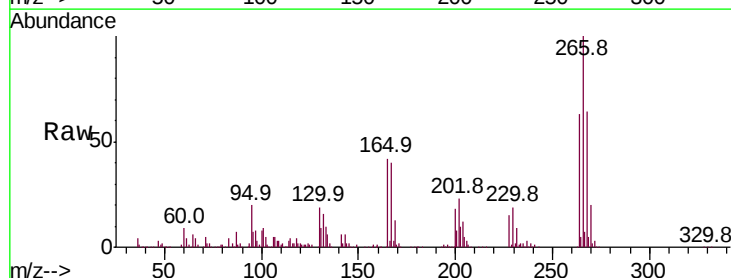


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

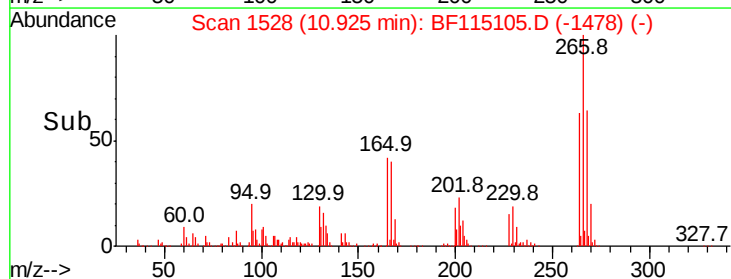
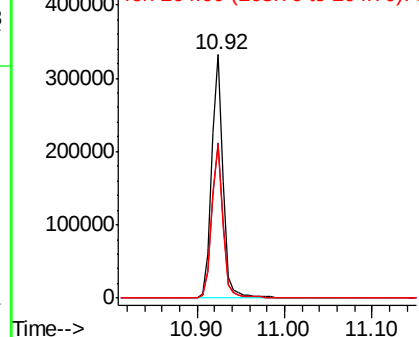


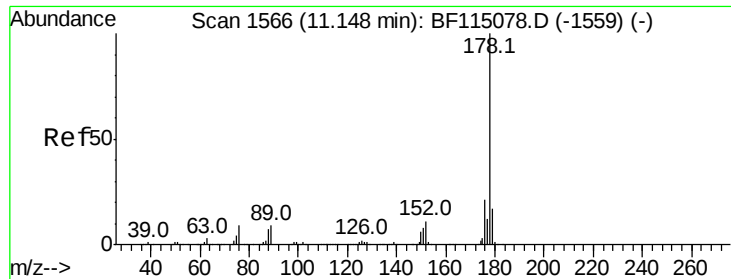
#70
Pentachlorophenol
Concen: 43.090 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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

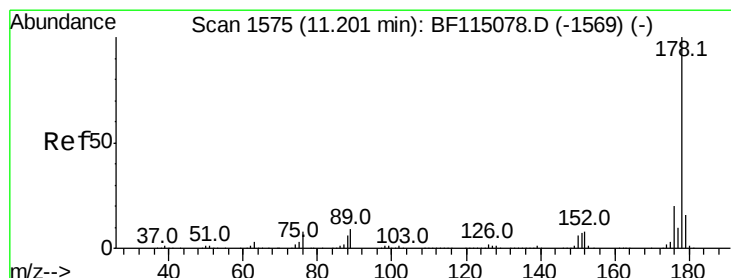
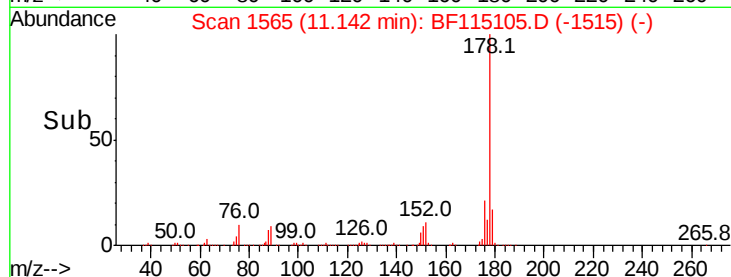
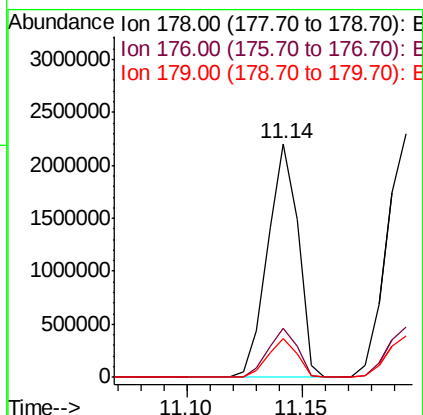
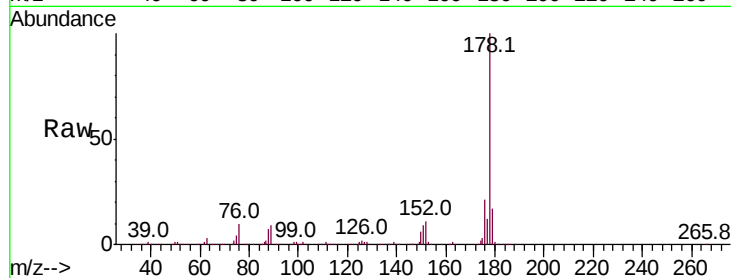




#71
Phenanthrene
Concen: 39.977 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

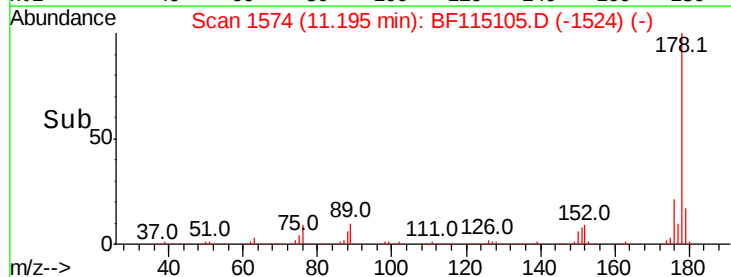
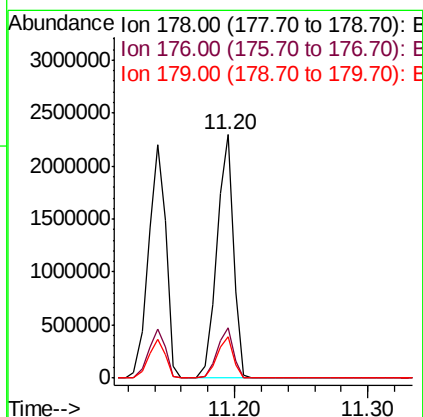
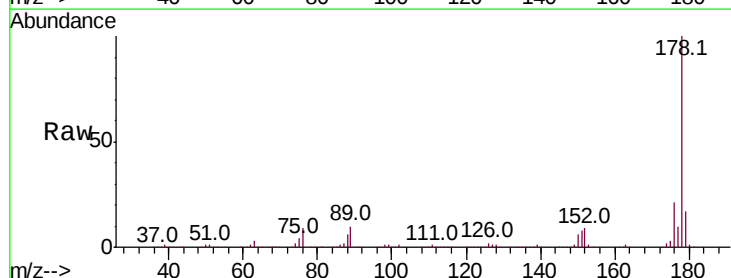
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

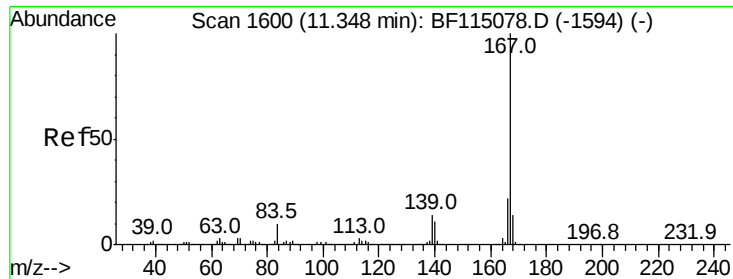
Tot Ion:178 Resp: 2017908
Ion Ratio Lower Upper
178 100
176 21.0 16.9 25.3
179 16.8 13.2 19.8



#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



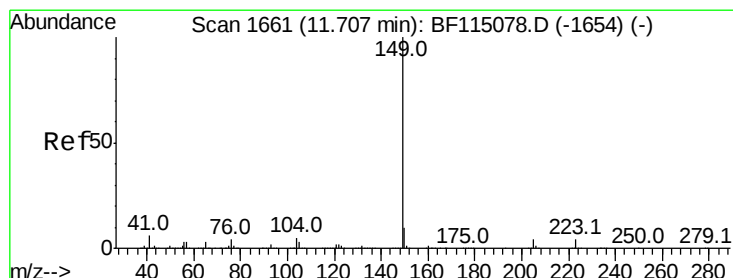
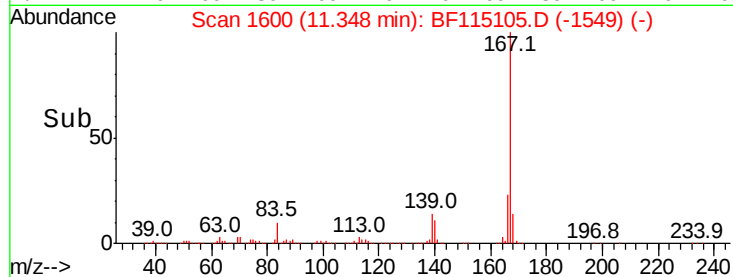
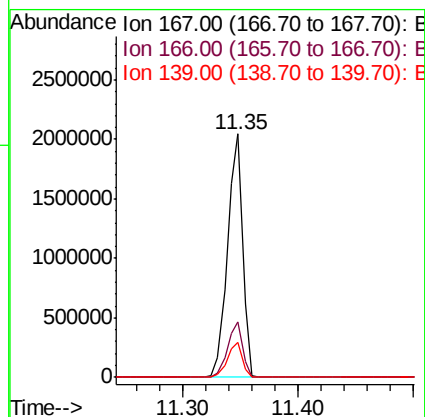
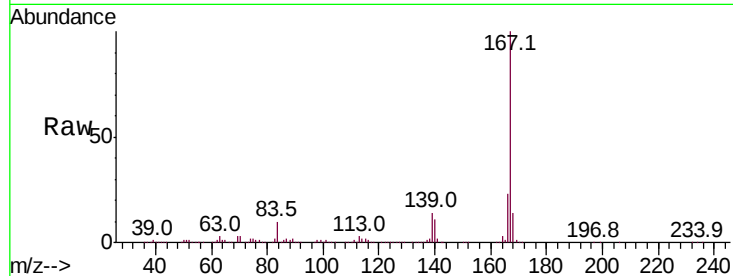


#73
 Carbazole
 Concen: 40.653 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1849679

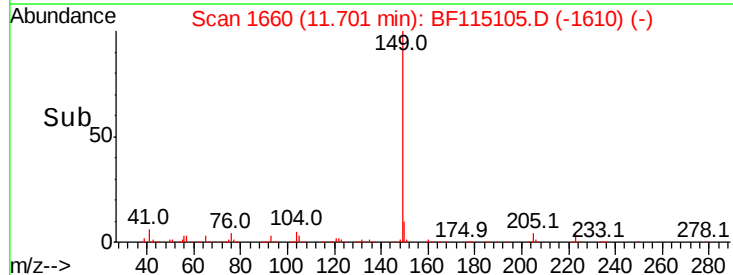
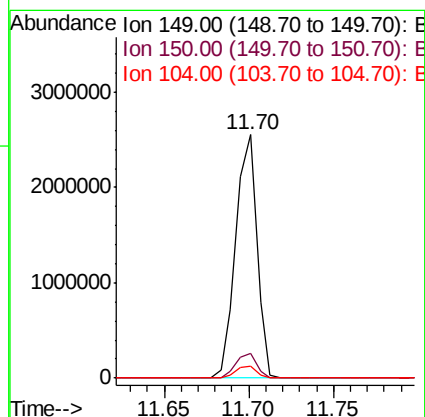
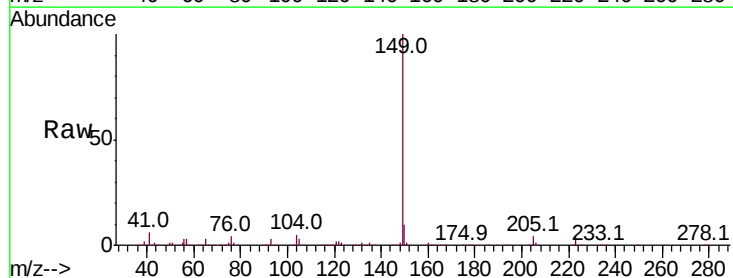
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	14.2	11.1	16.7

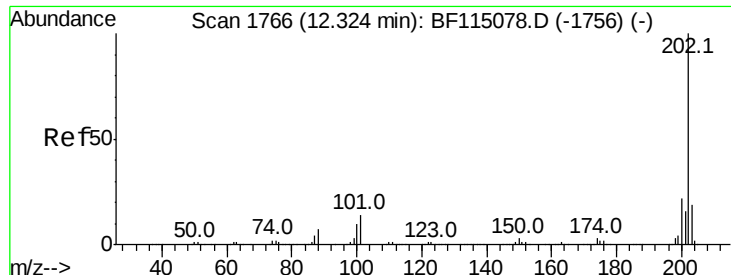


#74
 Di-n-butylphthalate
 Concen: 42.335 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

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



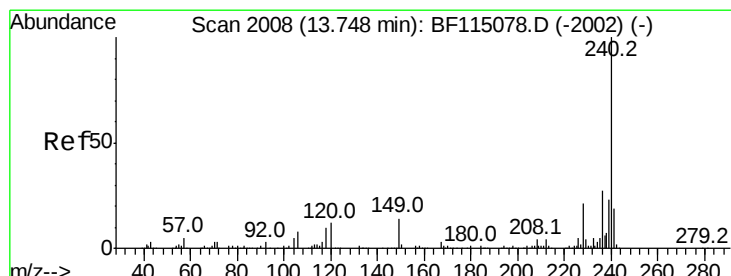
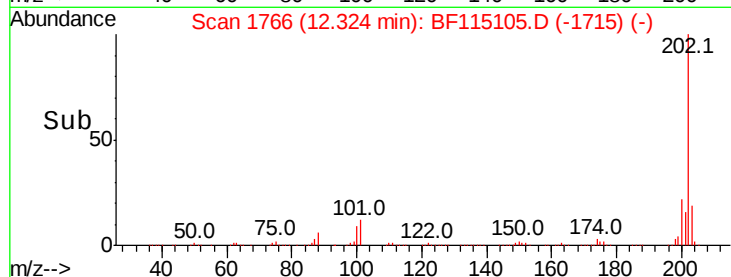
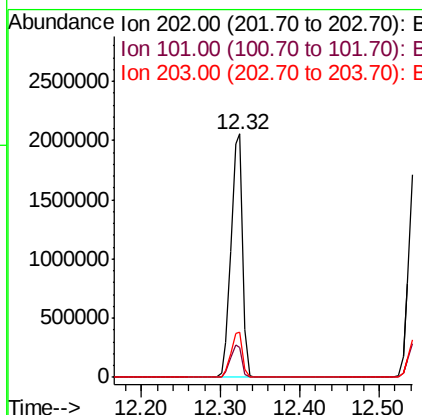
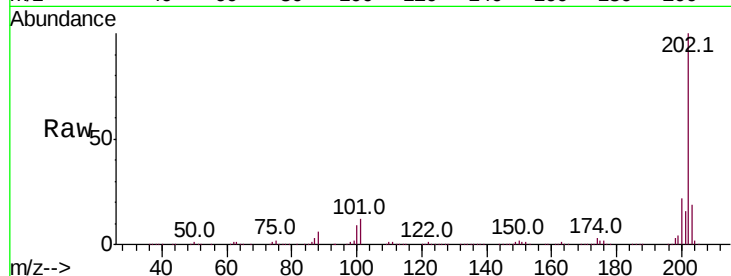


#75
Fluoranthene
 Concen: 41.146 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:202 Resp: 2072251

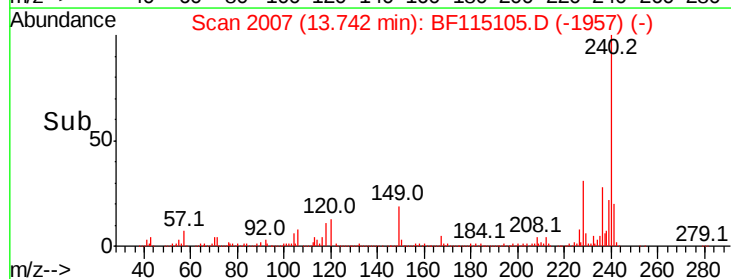
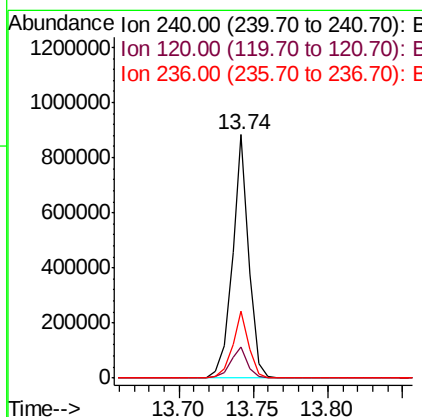
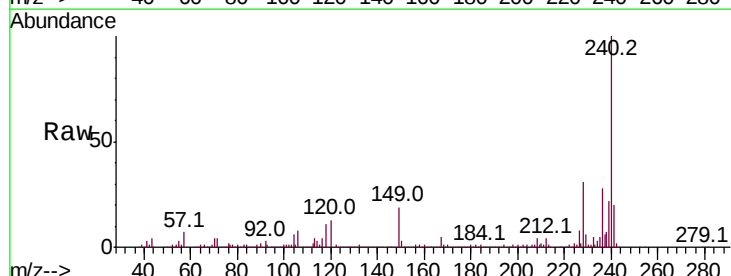
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.0
203	18.5	0.0	38.8

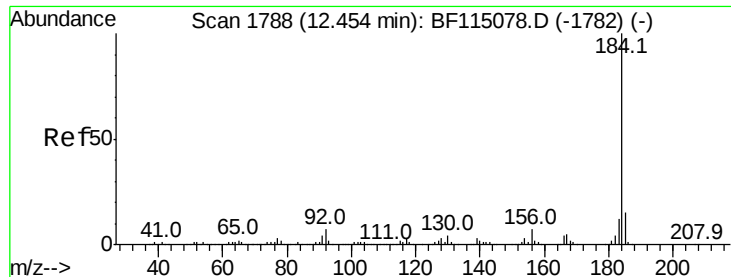


#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

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





#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 :

SSTDCCC040EC

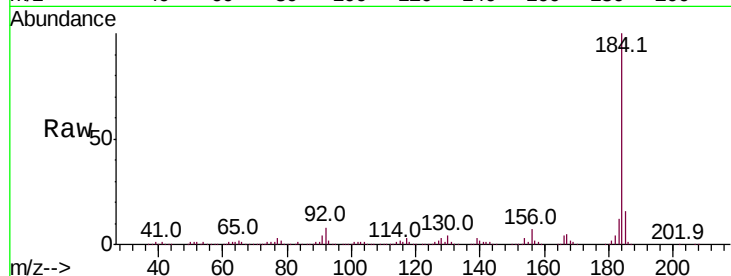
Tot Ion:184 Resp: 1172312

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.2	18.2
183	12.0	9.6	14.4

184 100

185 16.0 12.2 18.2

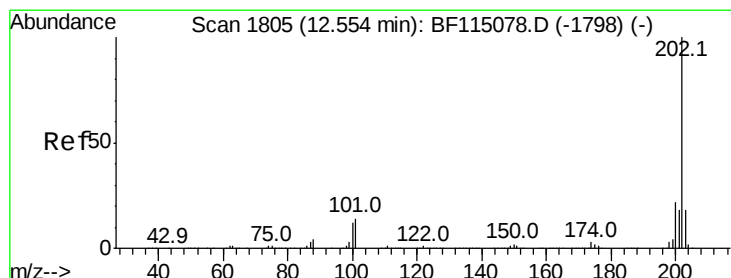
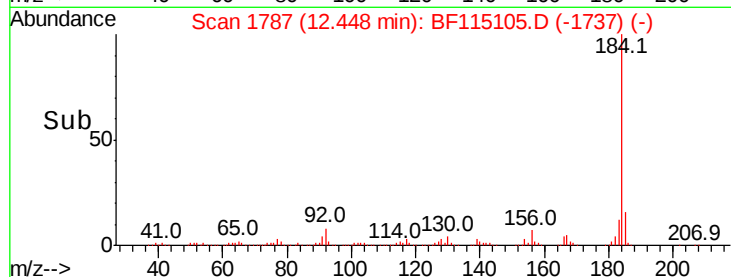
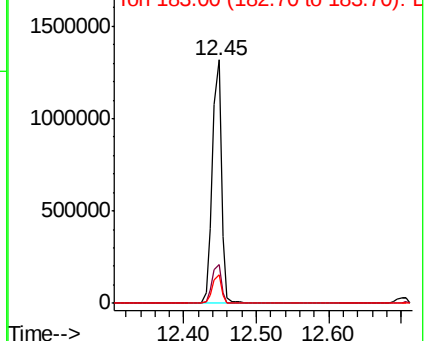
183 12.0 9.6 14.4



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

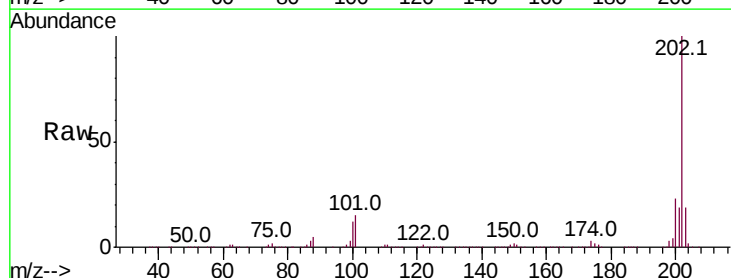
Tgt Ion:202 Resp: 2124713

Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.9	26.9
203	18.9	14.6	21.8

202 100

200 23.5 17.9 26.9

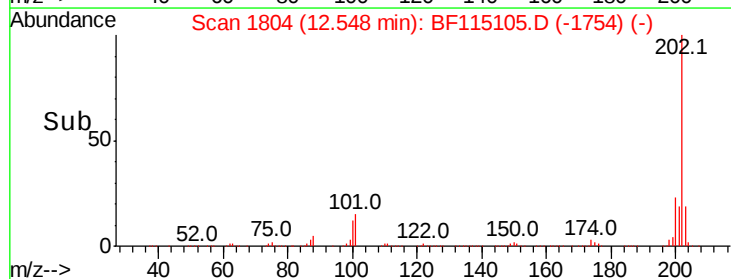
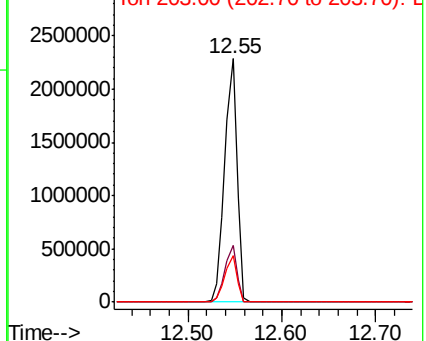
203 18.9 14.6 21.8

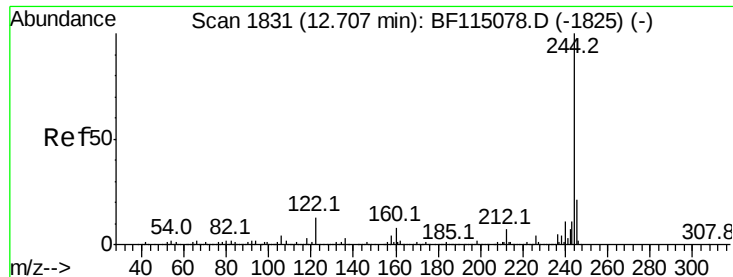


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

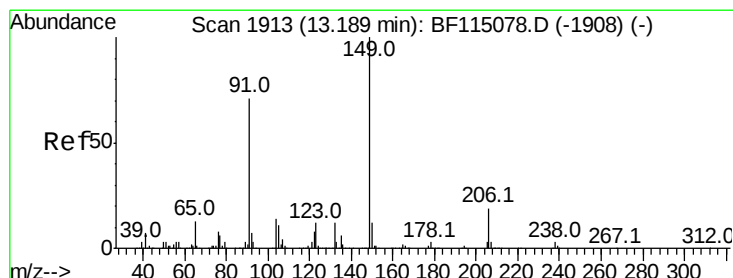
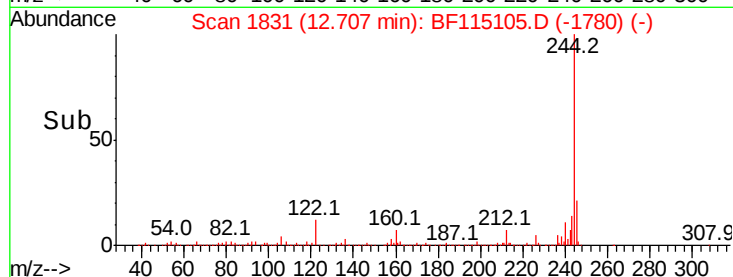
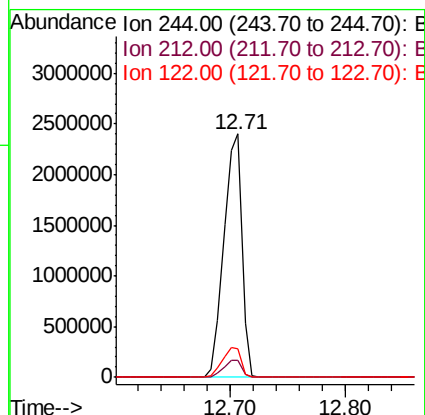
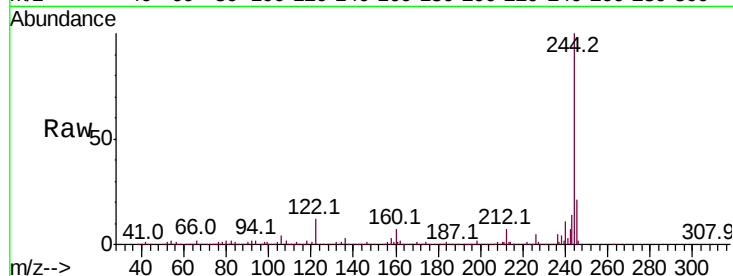




#79
 Terphenyl-d14
 Concen: 81.084 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115105.D
 Acq: 22 Jun 2019 3:36

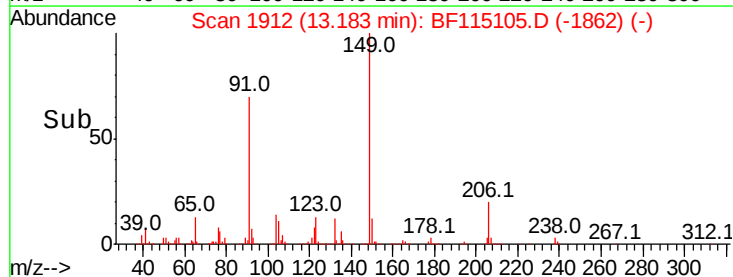
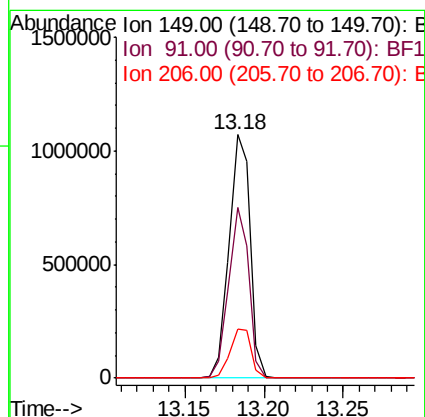
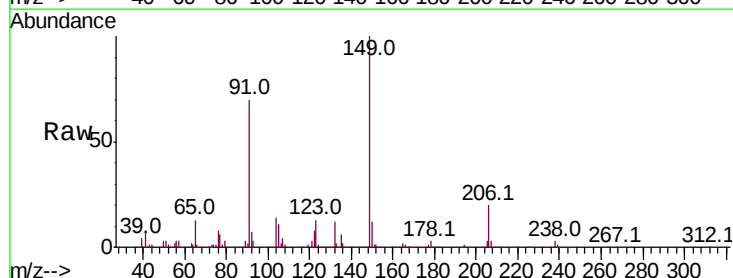
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

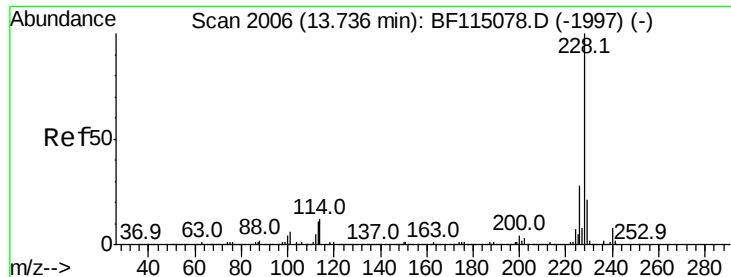
Tot Ion:244 Resp: 2597177
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.6 10.4 15.6



#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

ClientSampleId :

SSTDCCC040EC

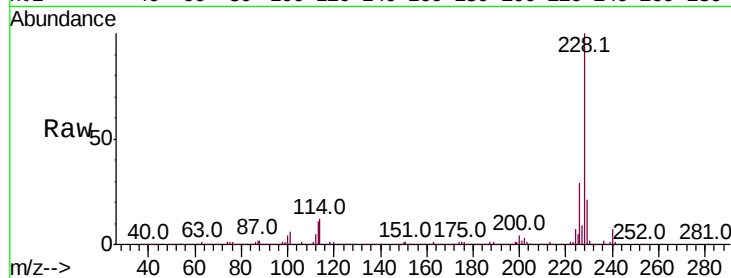
Tot Ion:228 Resp: 2013834

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

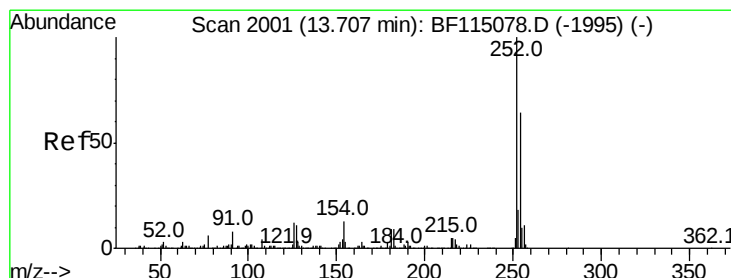
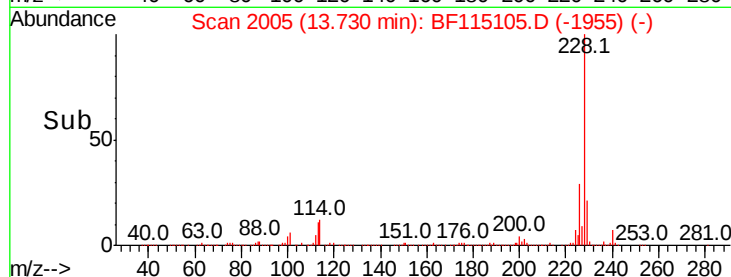
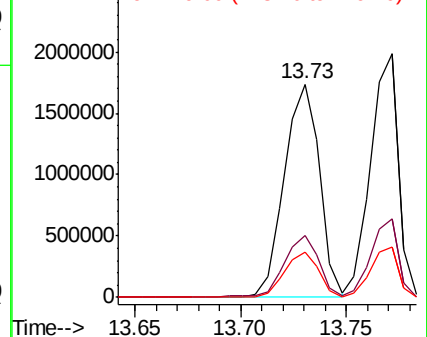


Abundance

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

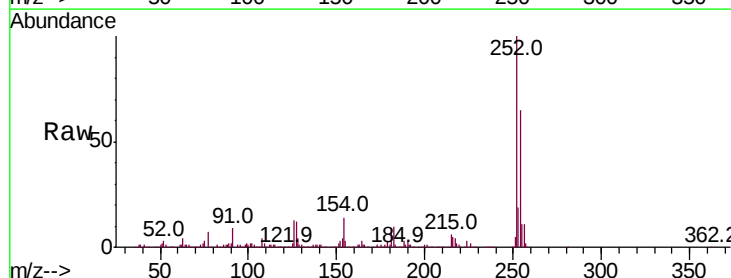
Tgt Ion:252 Resp: 726251

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

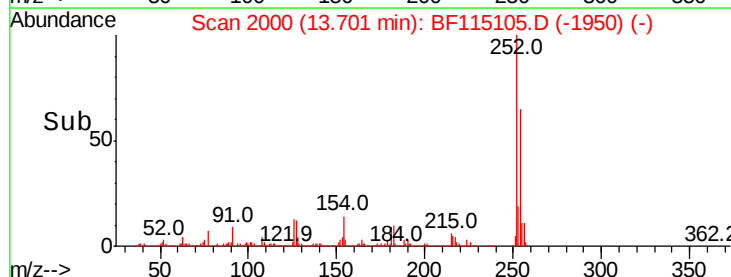
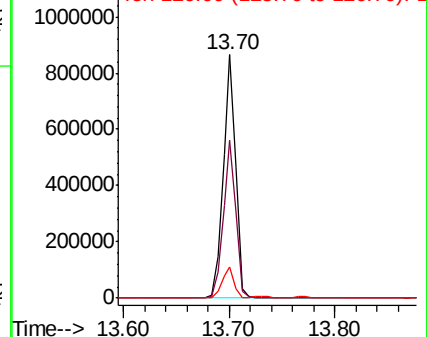


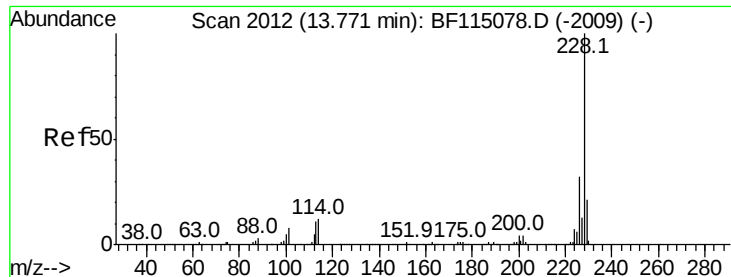
Abundance

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 :

SSTDCCC040EC

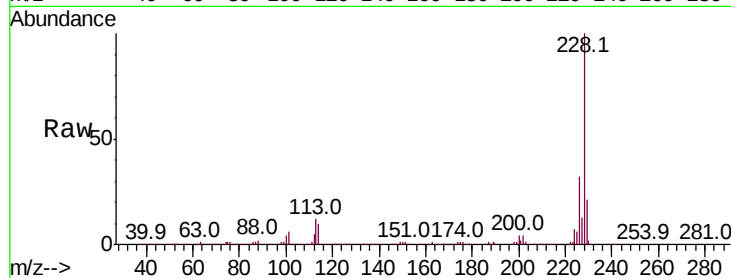
Tot Ion:228 Resp: 1812772

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

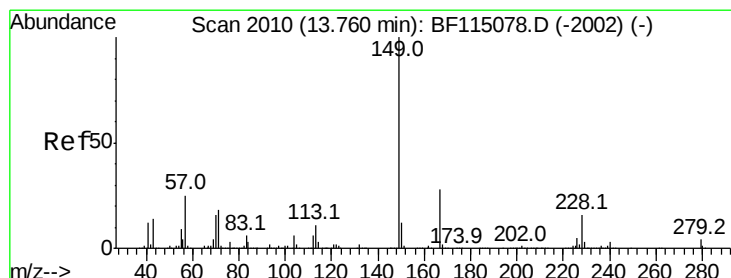
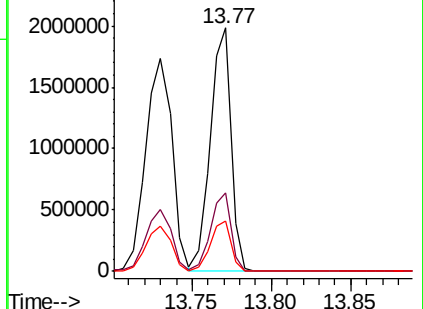
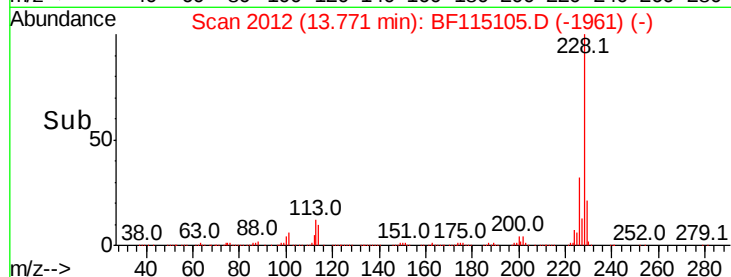
229 20.6 16.5 24.7



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

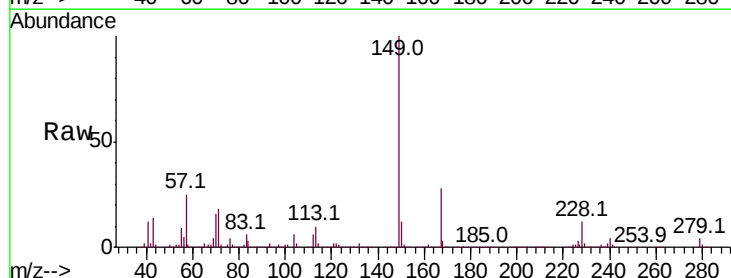
Tgt Ion:149 Resp: 1309867

Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

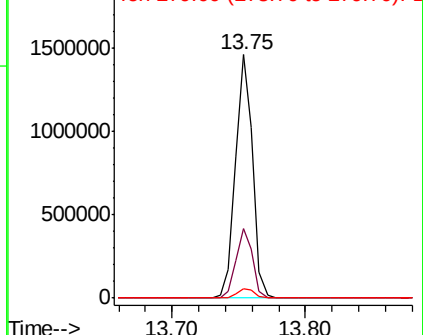
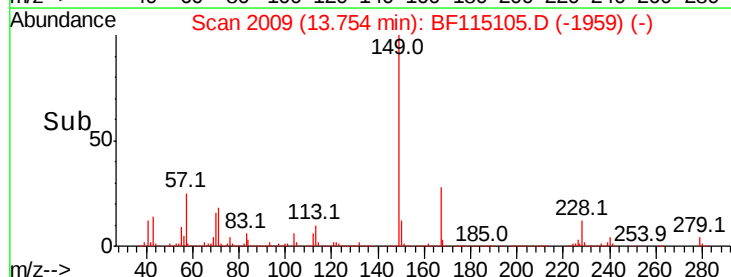
279 3.9 2.9 4.3

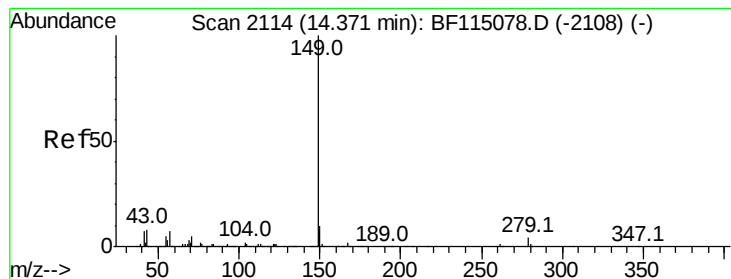


Abundance Ion 149.00 (148.70 to 149.70): E

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

ClientSampleId :

SSTDCCC040EC

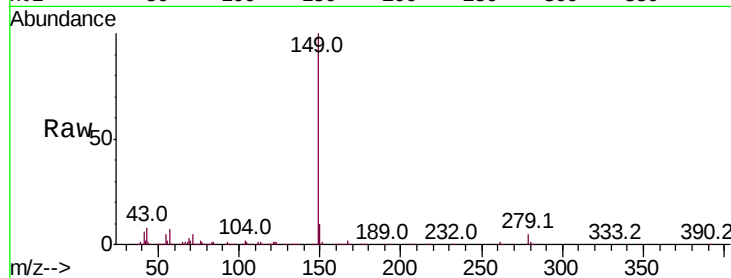
Tot Ion:149 Resp: 2223657

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

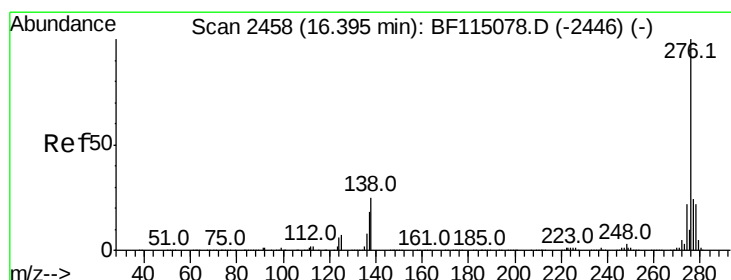
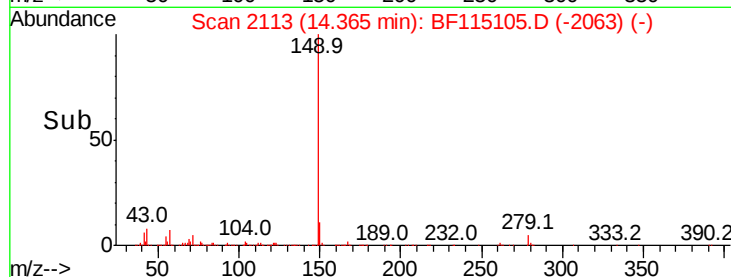
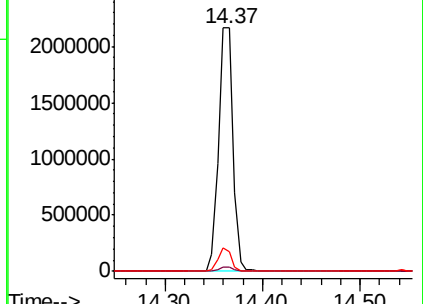
43 8.8 7.0 10.6



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

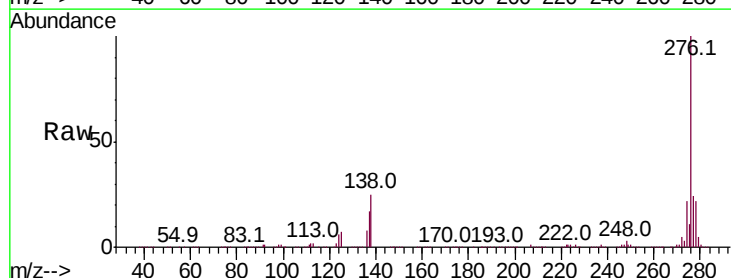
Tgt Ion:276 Resp: 2170522

Ion Ratio Lower Upper

276 100

138 28.8 23.2 34.8

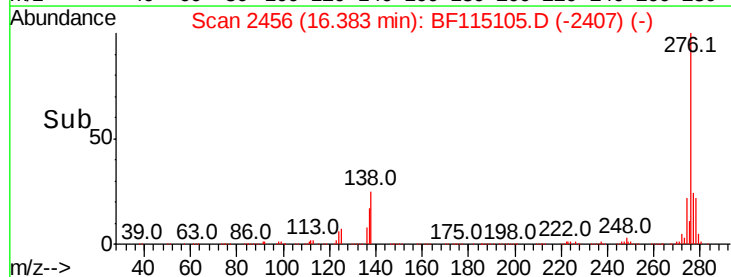
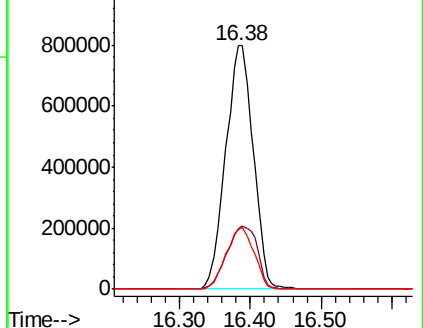
277 25.5 20.1 30.1

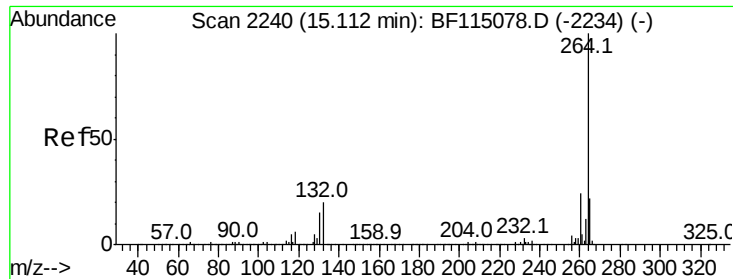


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



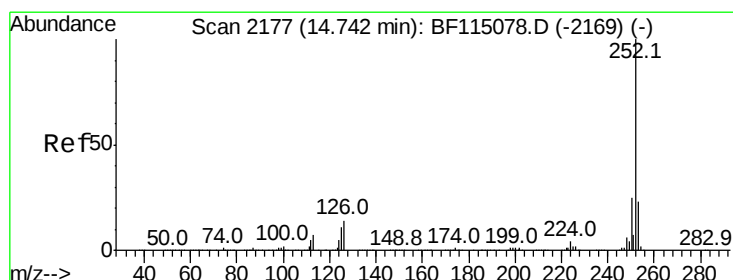
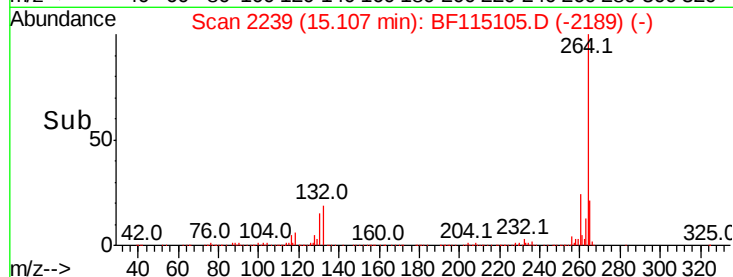
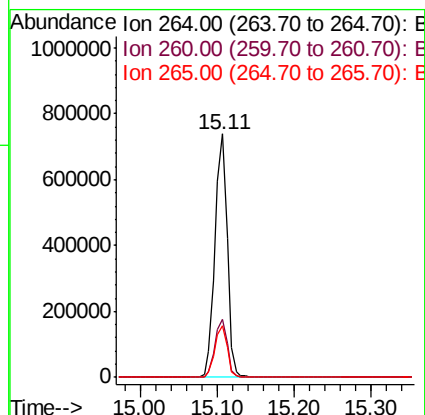
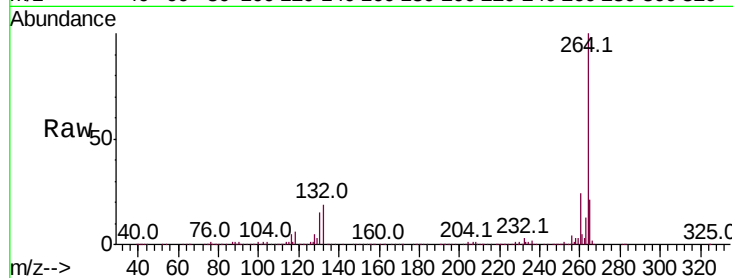


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 802195

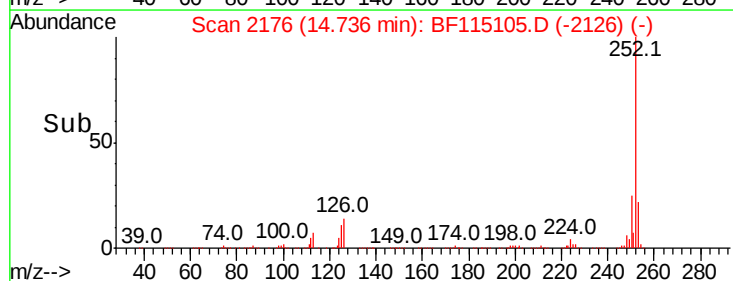
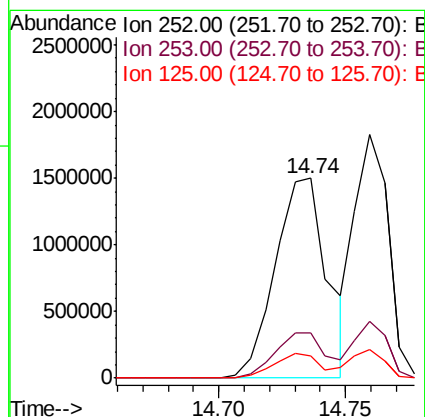
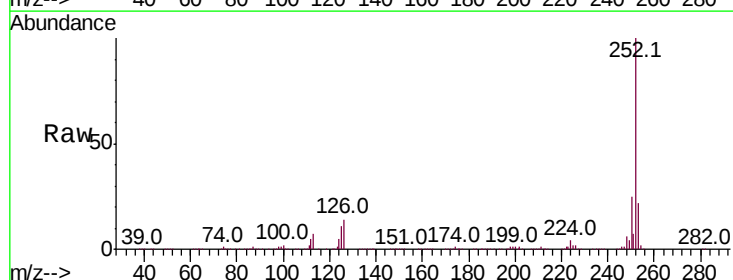
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.4	17.3	25.9

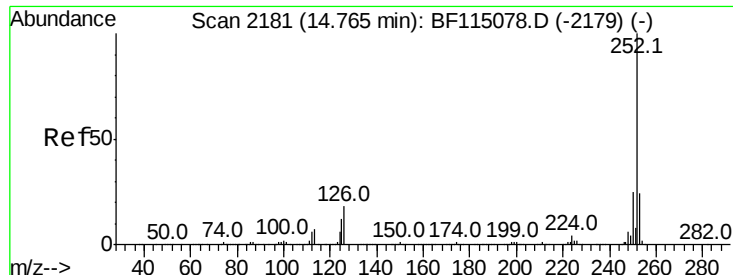


#88
Benzo(b)fluoranthene
Concen: 42.599 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

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

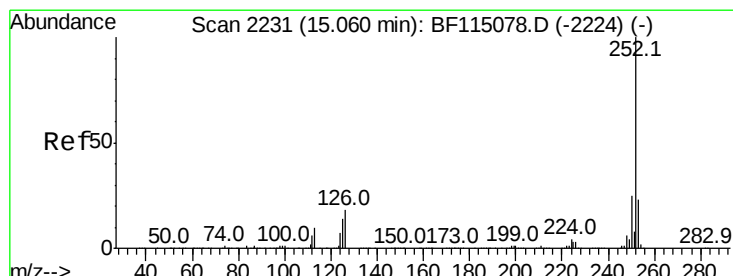
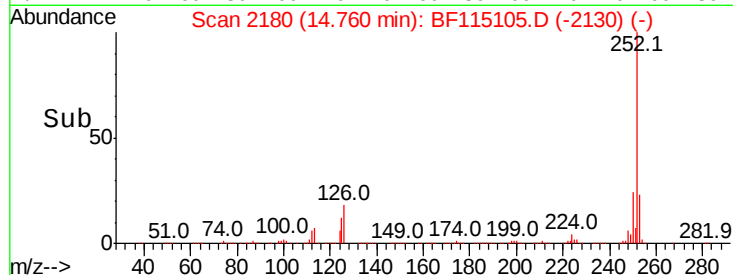
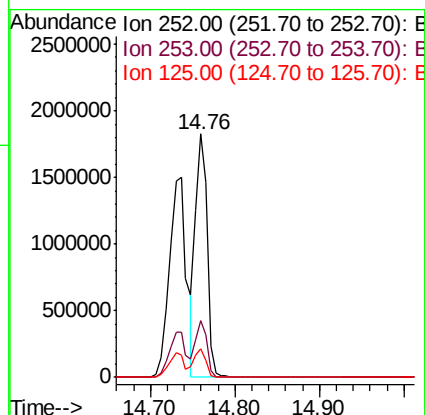
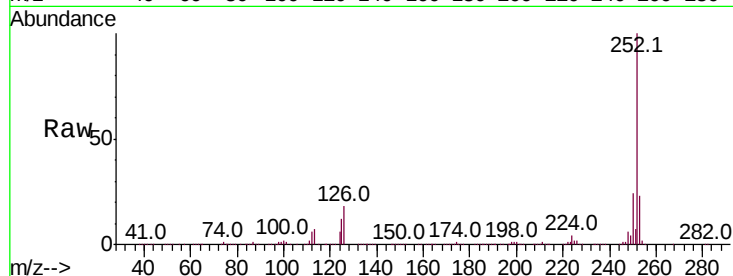




#89
Benzo(k)fluoranthene
Concen: 38.292 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

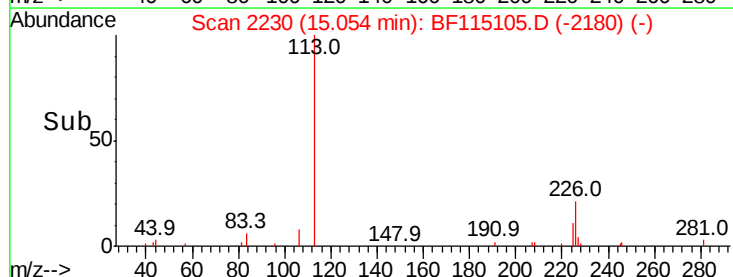
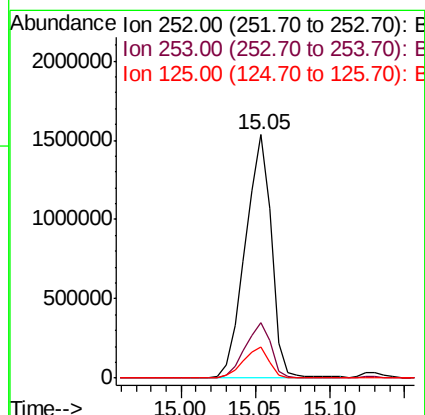
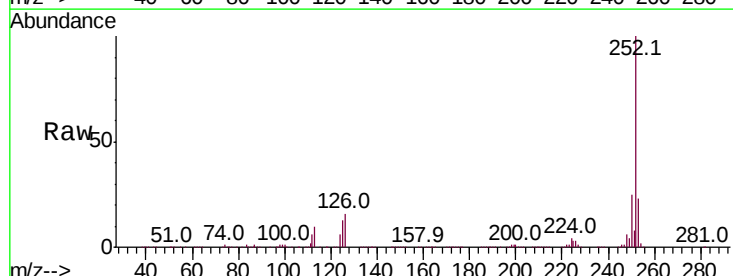
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

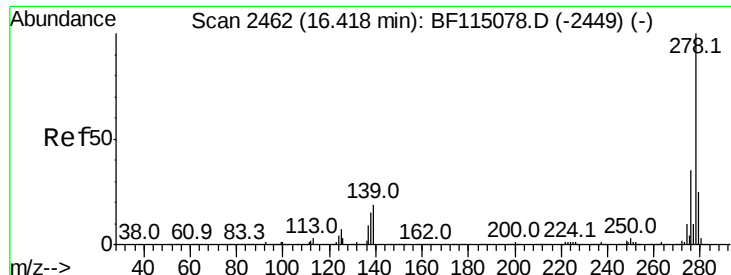
Tot Ion:252 Resp: 1718846
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.9 10.2 15.2



#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

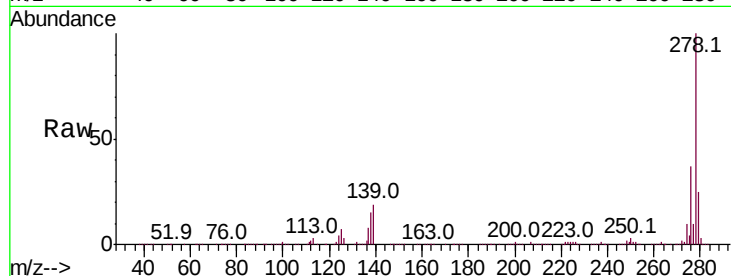




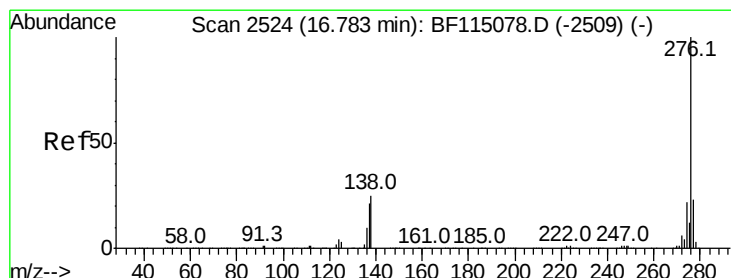
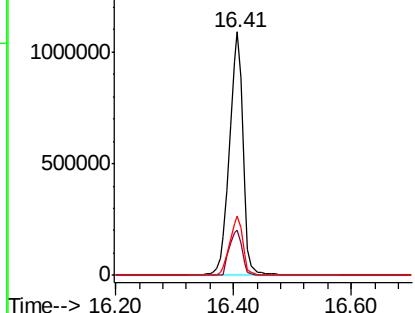
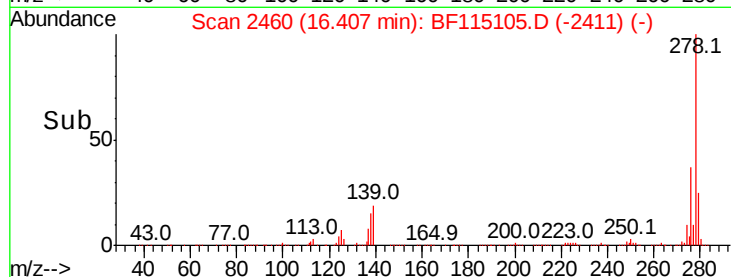
#91
Dibenzo(a,h)anthracene
Concen: 41.672 ng
RT: 16.41 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF115105.D
Acq: 22 Jun 2019 3:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

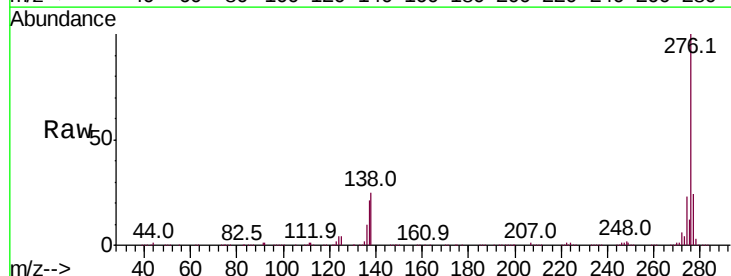


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

