

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115091.D
 Acq On : 21 Jun 2019 21:25
 Operator : HP/JU
 Sample : PB120707BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:55:33 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	270385	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1059602	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	541821	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1063063	20.00	ng	0.00
76) Chrysene-d12	13.75	240	760419	20.00	ng	0.00
87) Perylene-d12	15.11	264	795556	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2095439	119.59	ng	0.02
7) Phenol-d6	6.26	99	2587720	121.68	ng	0.00
23) Nitrobenzene-d5	7.18	82	1596827	92.70	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	730768	127.90	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2921947	91.60	ng	0.00
79) Terphenyl-d14	12.71	244	3145563	87.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	281798	34.078	ng	99
3) Pyridine	2.95	79	811047	34.799	ng	98
4) n-Nitrosodimethylamine	2.89	42	354004	38.745	ng	99
6) Aniline	6.28	93	674932	23.092	ng	# 7
8) 2-Chlorophenol	6.40	128	807766	40.999	ng	98
9) Benzaldehyde	6.15	77	213974	15.422	ng	99
10) Phenol	6.27	94	937961	37.652	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	736342	40.099	ng	98
12) 1,3-Dichlorobenzene	6.55	146	851709	38.952	ng	98
13) 1,4-Dichlorobenzene	6.63	146	862060	39.317	ng	99
14) 1,2-Dichlorobenzene	6.79	146	797527	39.277	ng	98
15) Benzyl Alcohol	6.77	79	626356	40.447	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1068934	40.135	ng	100
17) 2-Methylphenol	6.88	107	689823	42.418	ng	99
18) Hexachloroethane	7.13	117	313115	39.611	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	536679	39.418	ng	96
20) 3+4-Methylphenols	7.04	107	781566	41.622	ng	# 88
22) Acetophenone	7.03	105	1076729	44.387	ng	# 98
24) Nitrobenzene	7.20	77	821487	43.290	ng	95
25) Isophorone	7.45	82	1566182	44.385	ng	99
26) 2-Nitrophenol	7.51	139	443369	47.311	ng	97
27) 2,4-Dimethylphenol	7.56	122	767229	50.003	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	965669	43.299	ng	99
29) 2,4-Dichlorophenol	7.76	162	716865	45.272	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	765002	43.738	ng	99
31) Naphthalene	7.92	128	2284625	43.924	ng	100
32) Benzoic acid	7.71	122	595244	54.348	ng	96
33) 4-Chloroaniline	7.97	127	404555	17.019	ng	99
34) Hexachlorobutadiene	8.05	225	405731	42.330	ng	98
35) Caprolactam	8.35	113	128112	24.064	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	724233	45.163	ng	99
37) 2-Methylnaphthalene	8.61	142	1592637	45.413	ng	99
38) 1-Methylnaphthalene	8.71	142	1521763	45.433	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	646135	42.201	ng	99

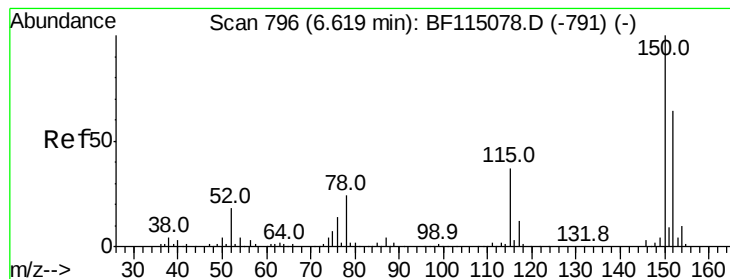
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115091.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	716675	78.939	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	537900	45.505	nq	98
44) 2,4,5-Trichlorophenol	8.92	196	529989	43.538	nq	98
46) 1,1'-Biphenyl	9.08	154	1817538	41.924	nq	99
47) 2-Chloronaphthalene	9.10	162	1487131	42.289	nq	98
48) 2-Nitroaniline	9.19	65	441137	43.028	nq	98
49) Acenaphthylene	9.51	152	2294446	41.877	nq	99
50) Dimethylphthalate	9.39	163	1689970	42.395	nq	100
51) 2,6-Dinitrotoluene	9.44	165	413490	44.929	nq	99
52) Acenaphthene	9.68	154	1606799	46.866	nq	99
53) 3-Nitroaniline	9.60	138	296316	26.384	nq	94
54) 2,4-Dinitrophenol	9.71	184	434832	90.736	nq	97
55) Dibenzofuran	9.85	168	2032783	41.310	nq	98
56) 4-Nitrophenol	9.77	139	773874	85.950	nq	95
57) 2,4-Dinitrotoluene	9.84	165	557195	46.890	nq	# 89
58) Fluorene	10.20	166	1376404	41.499	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	474852	46.521	nq	99
60) Diethylphthalate	10.09	149	1741486	43.461	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	669894	42.675	nq	96
62) 4-Nitroaniline	10.22	138	461368	40.950	nq	97
63) Azobenzene	10.35	77	1604850	42.879	nq	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	261107	46.351	nq	85
66) n-Nitrosodiphenylamine	10.31	169	1445358	43.641	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	492915	42.766	nq	97
68) Hexachlorobenzene	10.74	284	535787	42.827	nq	98
69) Atrazine	10.84	200	473501	44.444	nq	99
70) Pentachlorophenol	10.93	266	638533	80.116	nq	97
71) Phenanthrene	11.15	178	2306433	40.296	nq	99
72) Anthracene	11.20	178	2369699	41.015	nq	99
73) Carbazole	11.35	167	2202009	42.681	nq	99
74) Di-n-butylphthalate	11.70	149	2581189	43.295	nq	98
75) Fluoranthene	12.32	202	2462045	43.112	nq	99
77) Benzidine	12.45	184	533990	15.815	nq	100
78) Pyrene	12.55	202	2463610	42.157	nq	98
80) Butylbenzylphthalate	13.19	149	1196734	46.404	nq	98
81) Benzo(a)anthracene	13.74	228	2296287	42.085	nq	99
82) 3,3'-Dichlorobenzidine	13.70	252	566550	28.754	nq	99
83) Chrysene	13.77	228	2084494	41.706	nq	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1537159	45.488	nq	# 99
85) Di-n-octyl phthalate	14.37	149	2642003	46.533	nq	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	2591249	43.814	nq	100
88) Benzo(b)fluoranthene	14.74	252	2324289	46.823	nq	97
89) Benzo(k)fluoranthene	14.77	252	2259886	50.765	nq	100
90) Benzo(a)pyrene	15.06	252	2270970	50.757	nq	99
91) Dibenzo(a,h)anthracene	16.42	278	2116966	50.682	nq	100
92) Benzo(g,h,i)perylene	16.78	276	2164274	51.195	nq	99

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

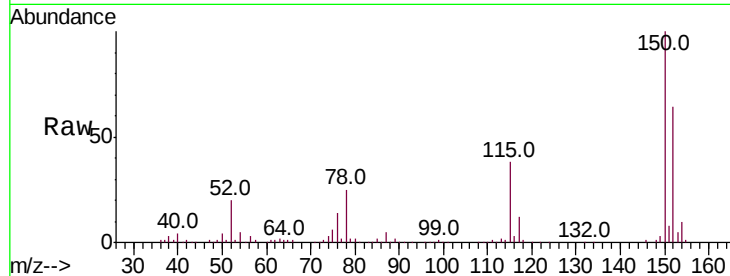


#1

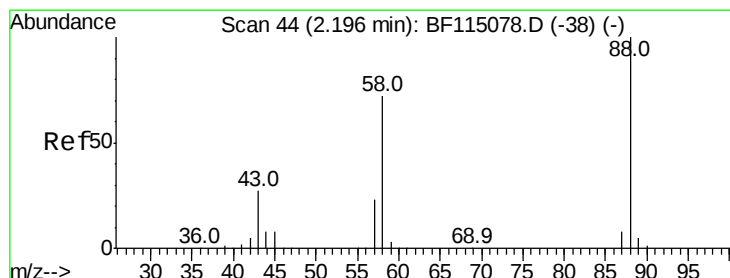
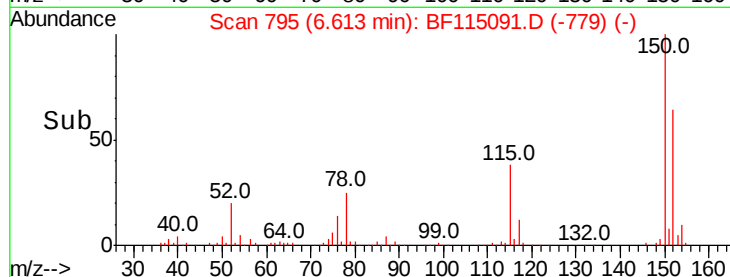
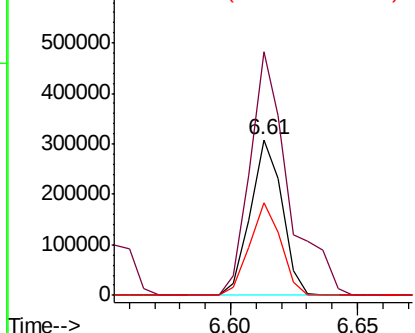
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	59.6	46.1	69.1



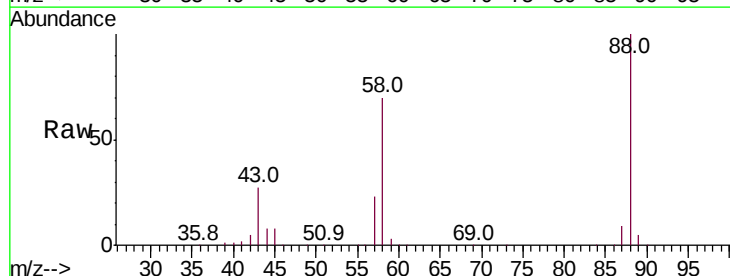
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



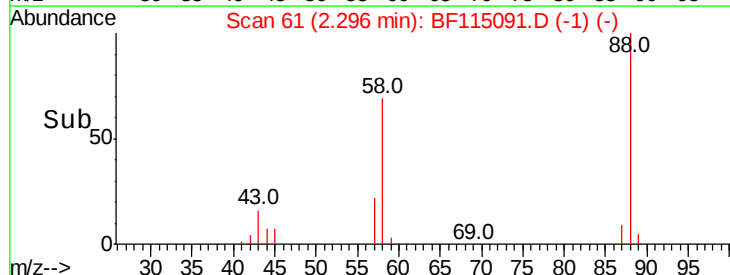
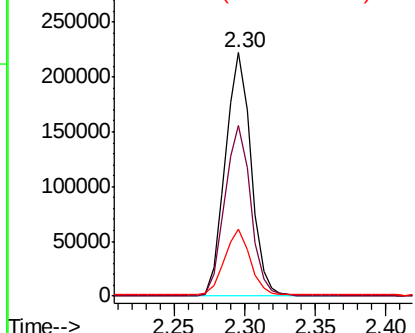
#2

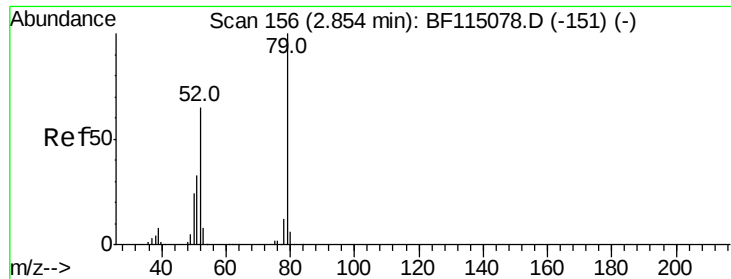
1,4-Dioxane
Concen: 34.078 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	56.1	84.1
43	27.2	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

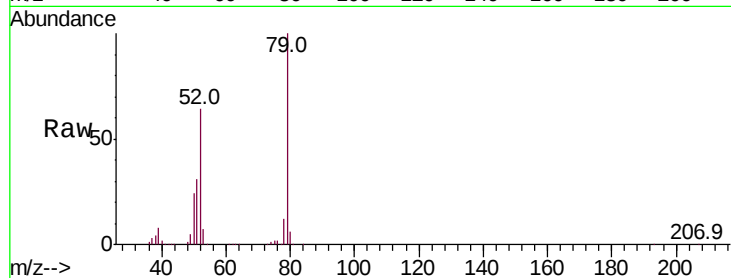




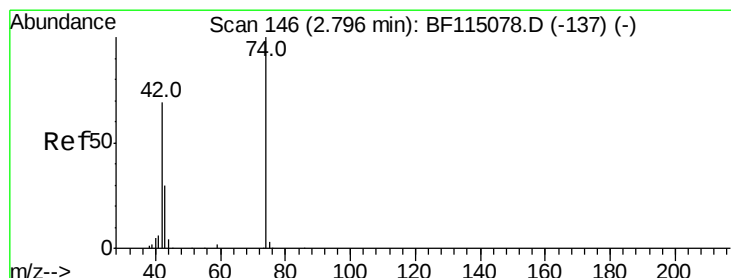
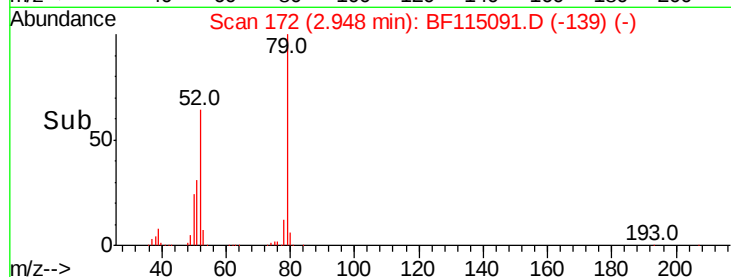
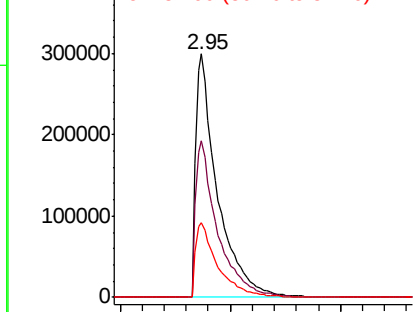
#3
 Pvridine
 Concen: 34.799 ng
 RT: 2.95 min Scan# 172
 Delta R.T. 0.09 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 811047
 Ion Ratio Lower Upper
 79 100
 52 64.3 52.3 78.5
 51 30.6 26.1 39.1

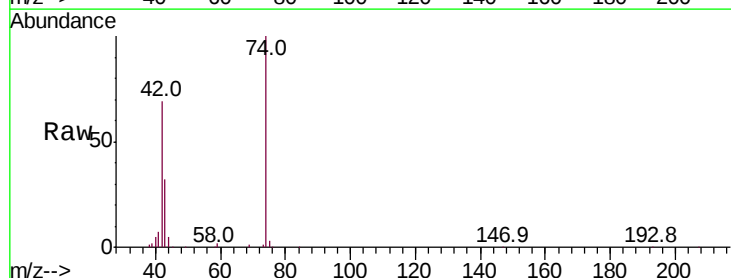


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

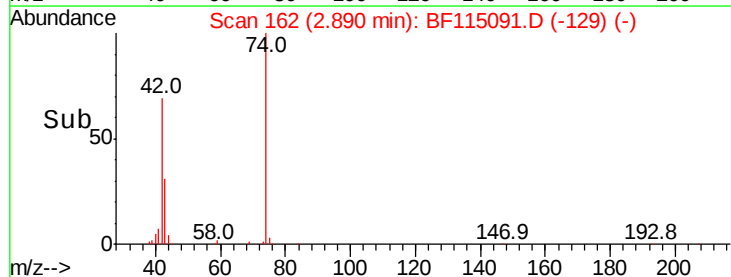
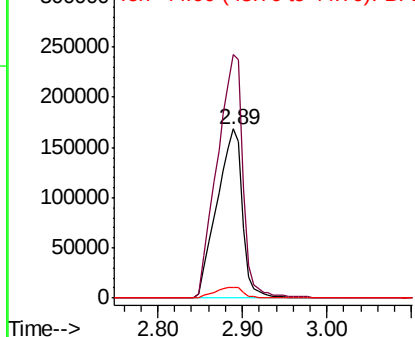


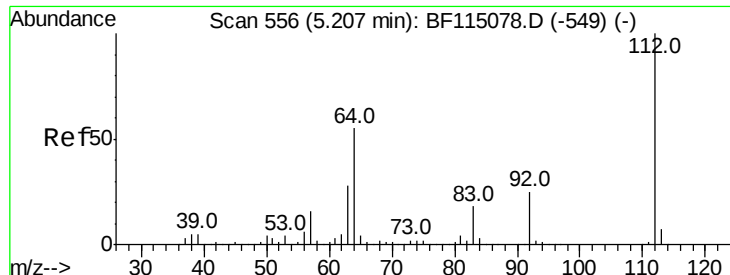
#4
 n-Nitrosodimethylamine
 Concen: 38.745 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion: 42 Resp: 354004
 Ion Ratio Lower Upper
 42 100
 74 144.2 116.6 175.0
 44 6.6 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: 119.593 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampled :

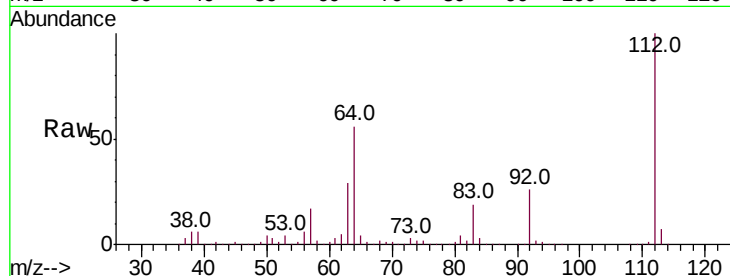
Tot Ion:112 Resp: 2095439

Ion Ratio Lower Upper

112 100

64 56.0 43.8 65.6

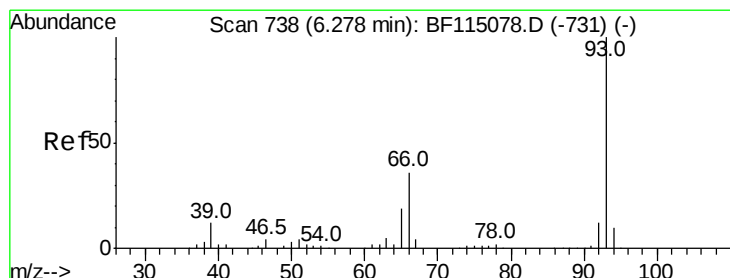
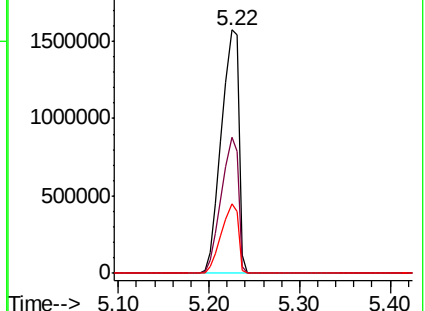
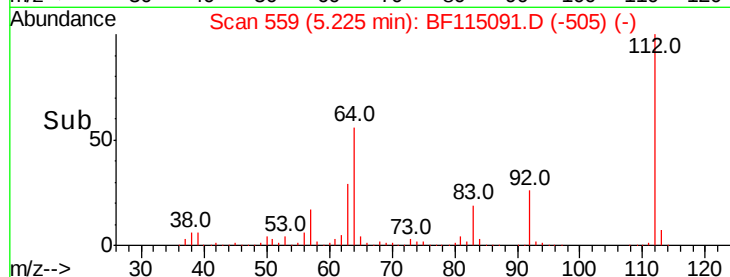
63 28.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.092 ng

RT: 6.28 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

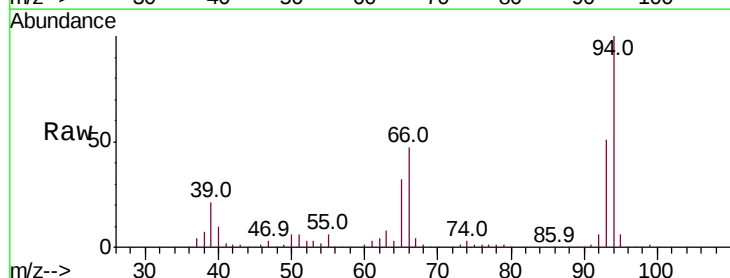
Tgt Ion: 93 Resp: 674932

Ion Ratio Lower Upper

93 100

66 92.5 30.0 45.0#

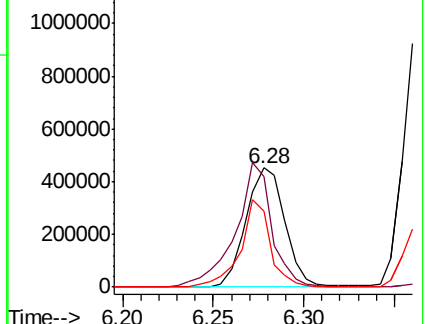
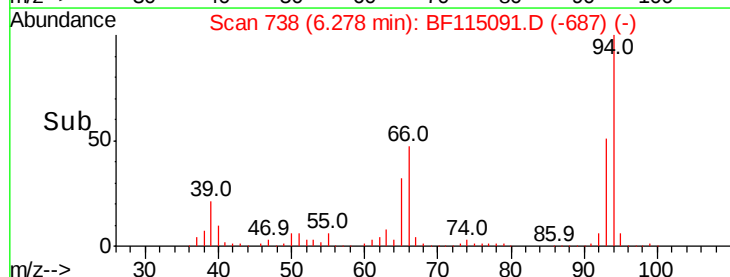
65 63.4 15.6 23.4#

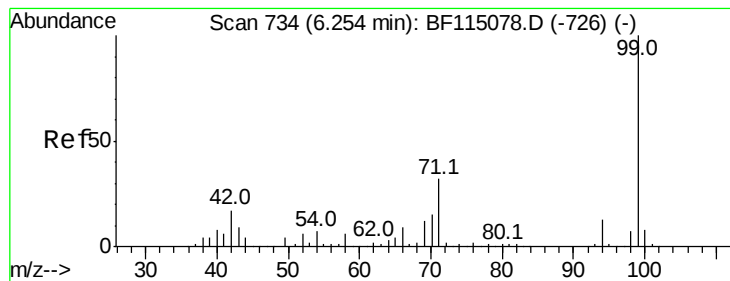


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.679 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

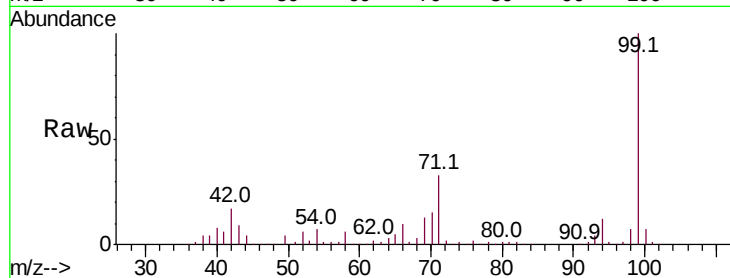
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2587720

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	32.9	25.5	38.3

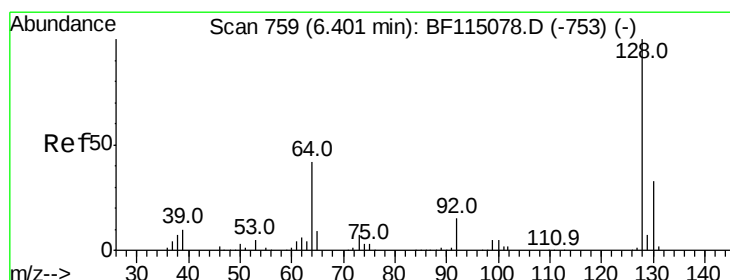
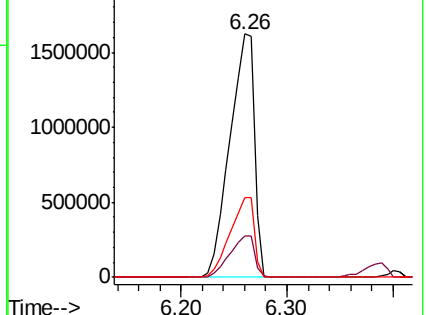
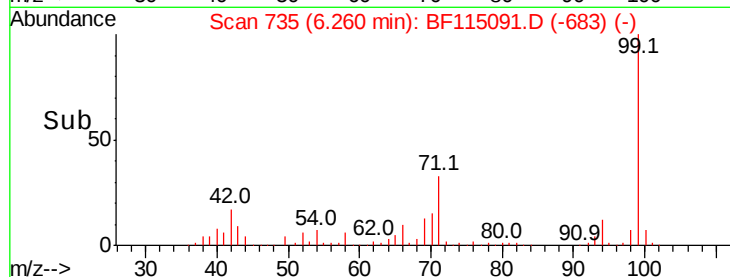


Abundance

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: 40.999 ng

RT: 6.40 min Scan# 759

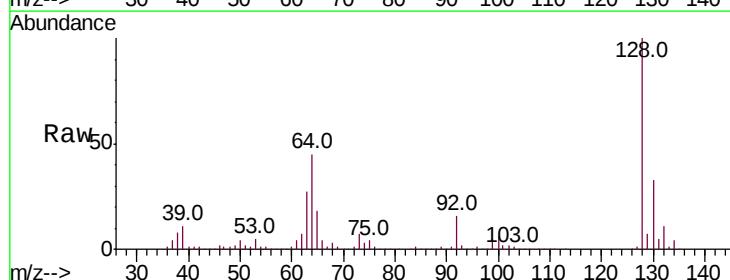
Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:128 Resp: 807766

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	45.2	22.9	62.9

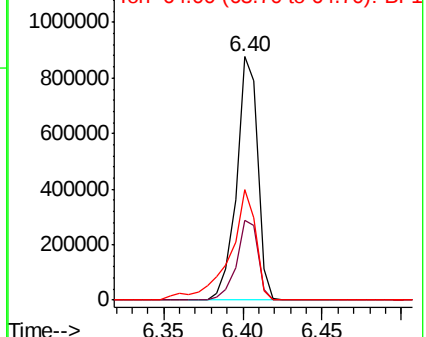
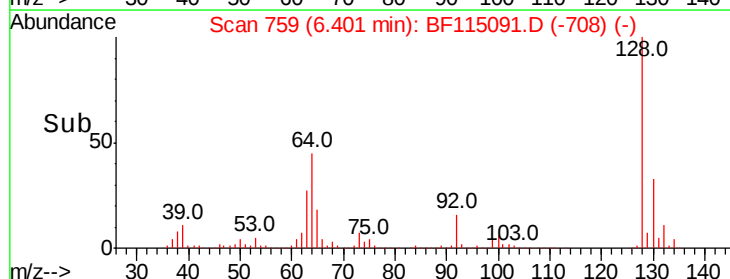


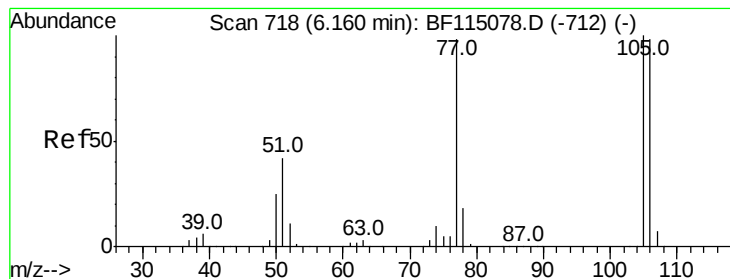
Abundance

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: 15.422 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

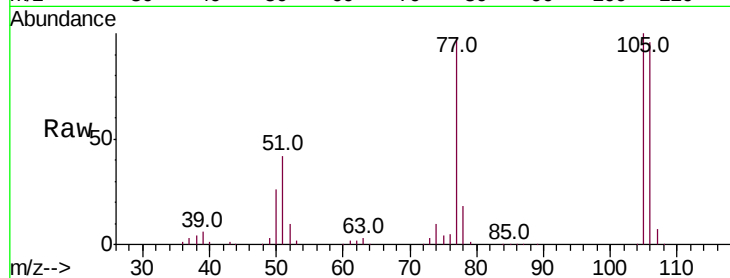
Tot Ion: 77 Resp: 213974

Ion Ratio Lower Upper

77 100

105 102.2 81.5 121.5

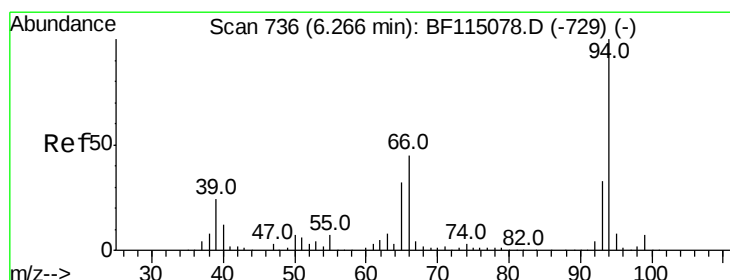
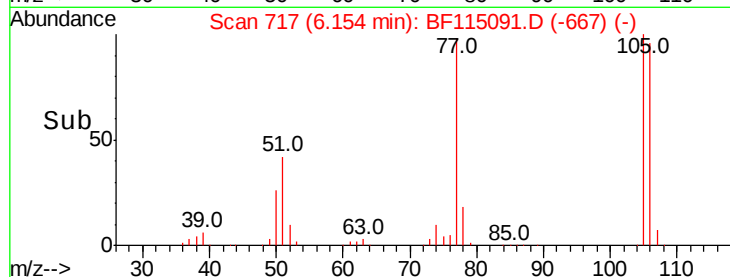
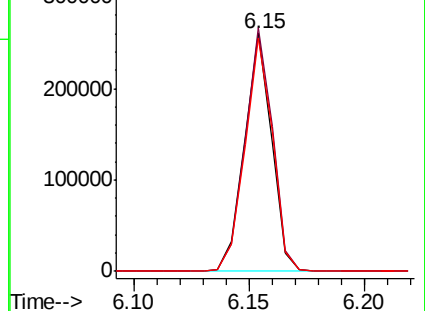
106 97.9 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.652 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

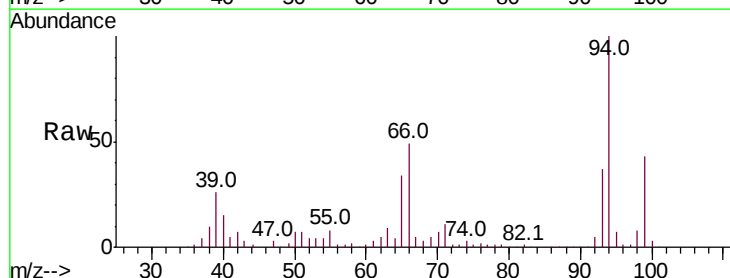
Tgt Ion: 94 Resp: 937961

Ion Ratio Lower Upper

94 100

65 34.3 11.9 51.9

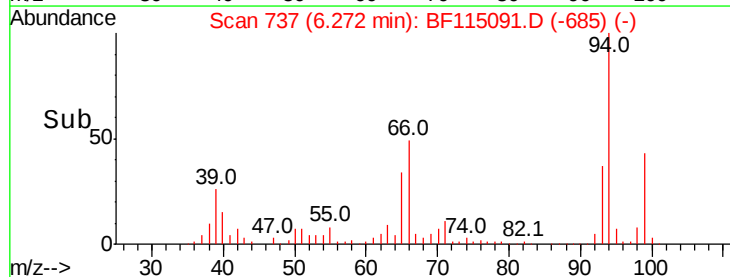
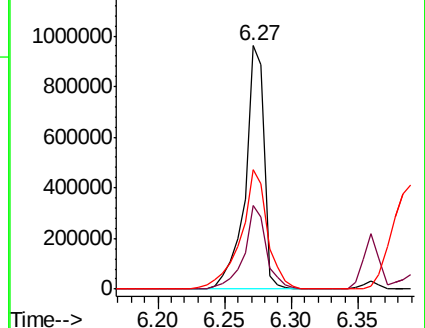
66 49.2 25.2 65.2

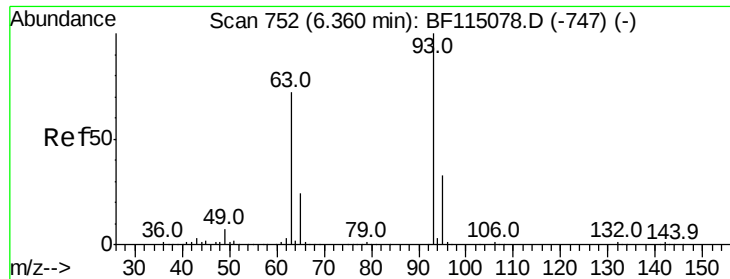


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



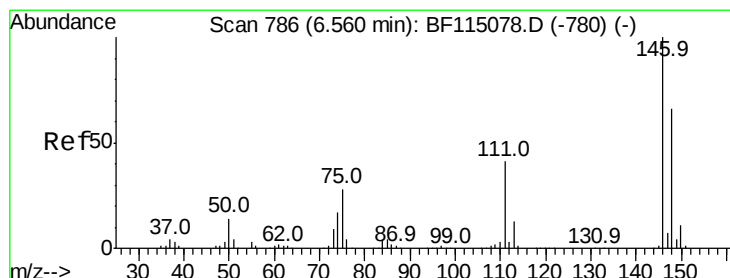
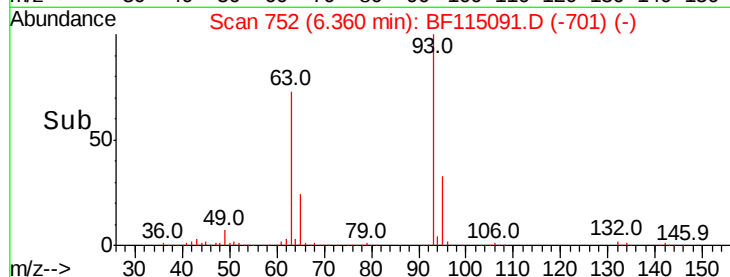
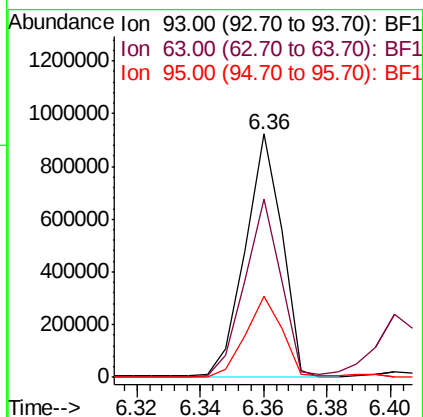
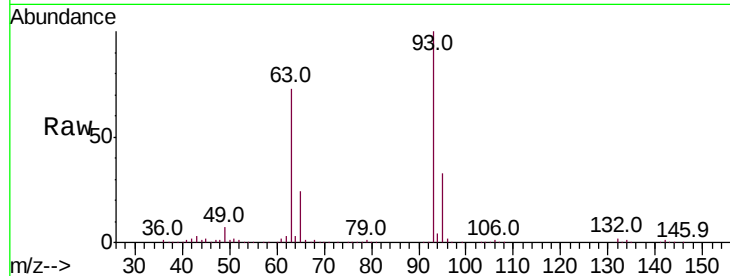


#11

bis(2-Chloroethyl)ether
Concen: 40.099 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

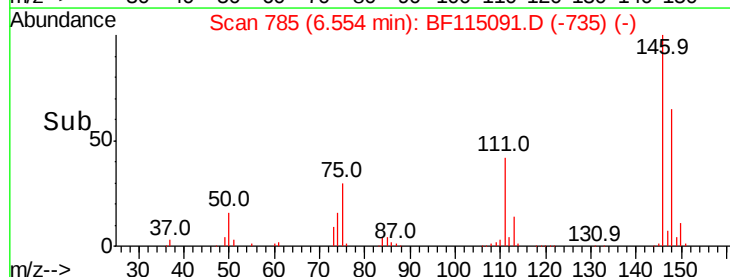
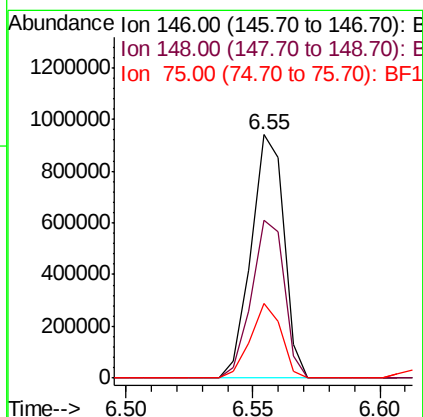
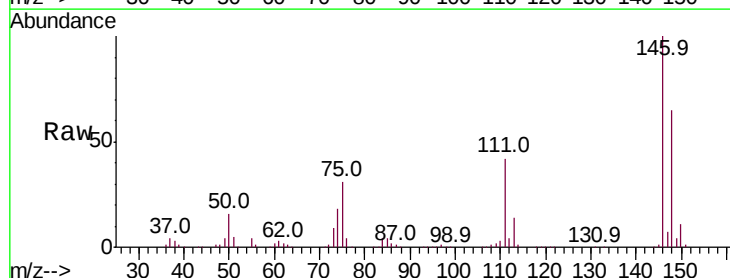
Tot Ion:	93	Resp:	736342
Ion	Ratio	Lower	Upper
93	100		
63	73.3	51.5	91.5
95	33.2	13.4	53.4

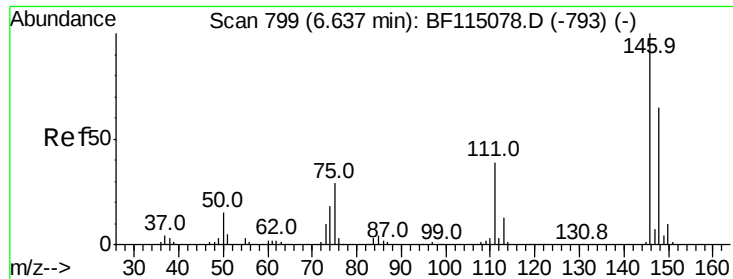


#12

1,3-Dichlorobenzene
Concen: 38.952 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:	146	Resp:	851709
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
75	30.8	22.6	34.0

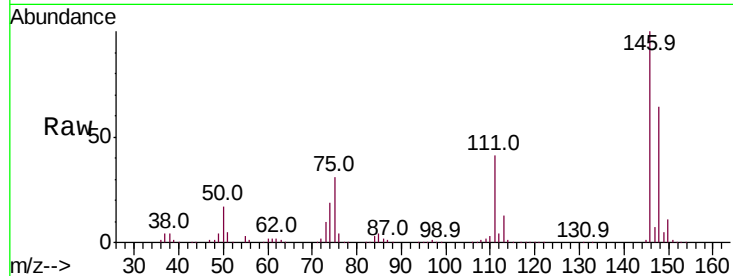




#13
 1,4-Dichlorobenzene
 Concen: 39.317 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	41.0	31.4	47.0

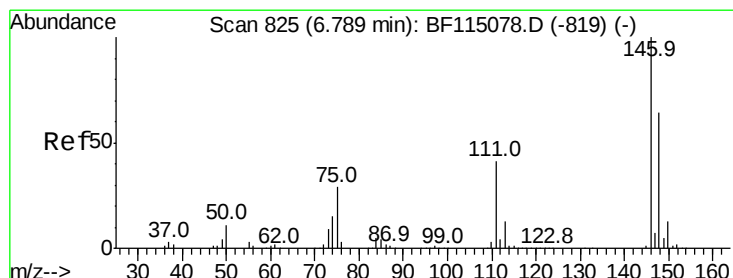
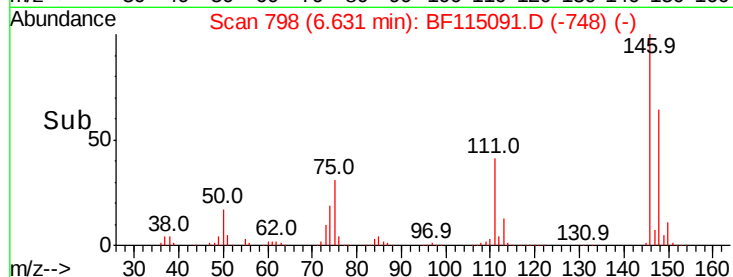
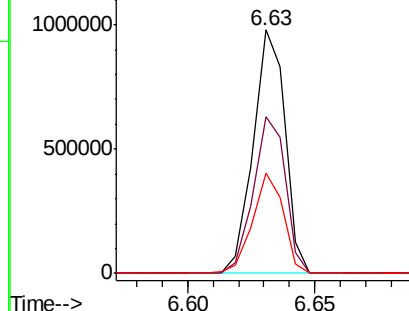


Abundance

Ion 146.00 (145.70 to 146.70): E

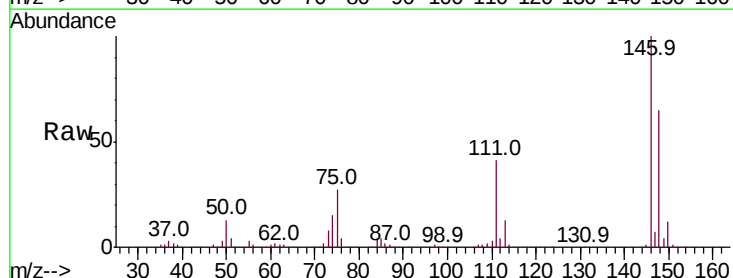
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.277 ng
 RT: 6.79 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	40.6	33.2	49.8

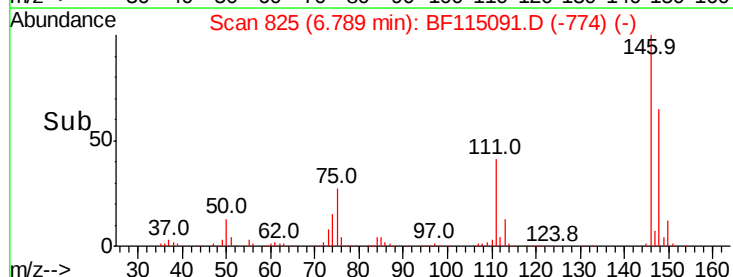
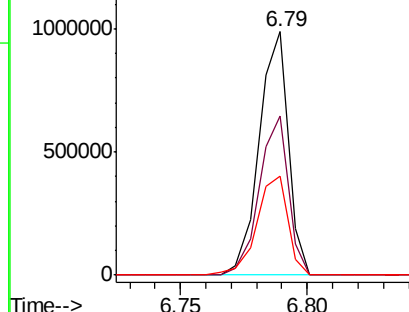


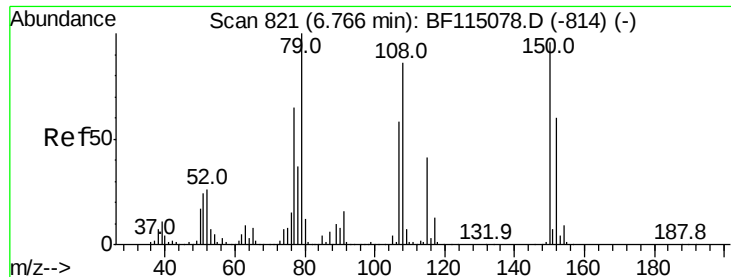
Abundance

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: 40.447 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

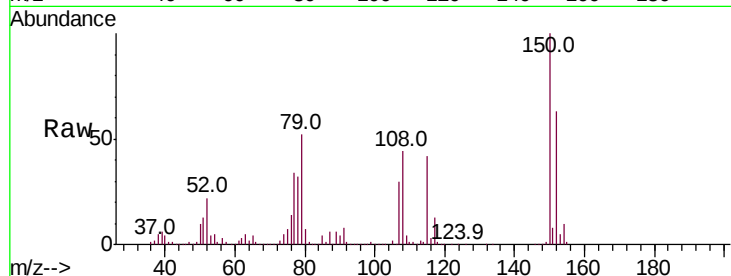
Tot Ion: 79 Resp: 626356

Ion Ratio Lower Upper

79 100

108 84.5 68.7 103.1

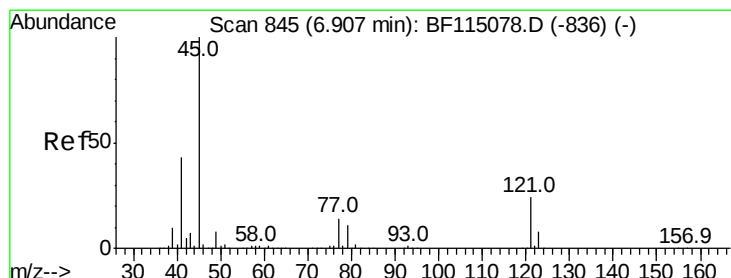
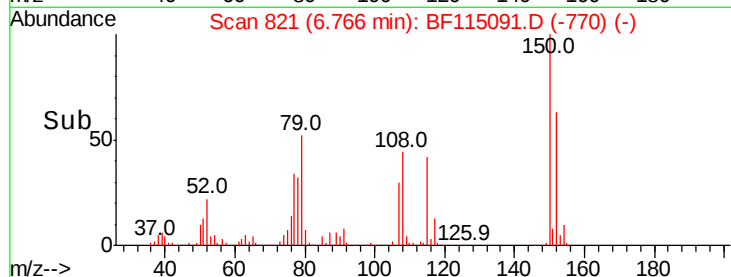
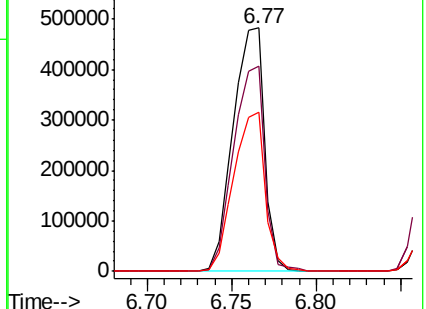
77 65.5 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.135 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

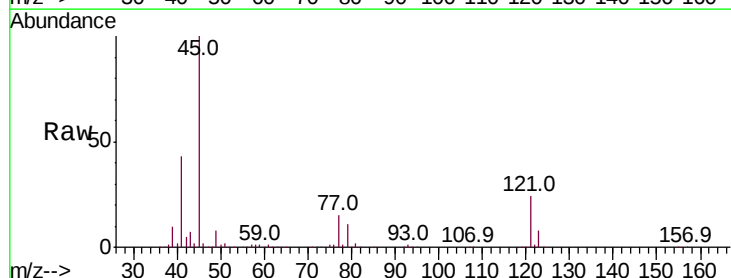
Tgt Ion: 45 Resp: 1068934

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

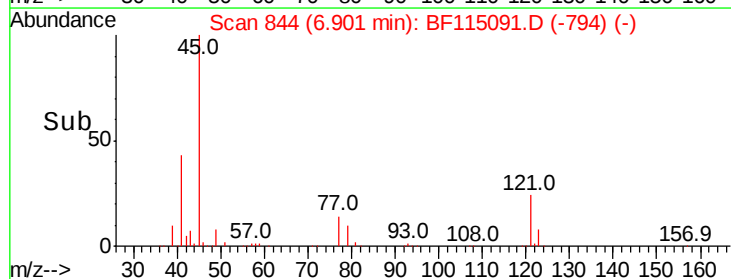
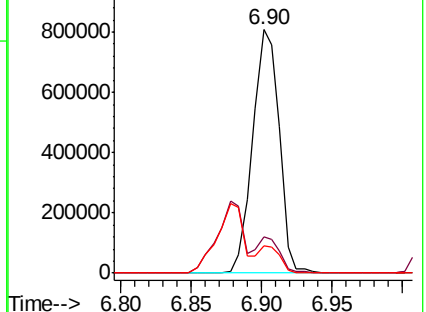
79 11.1 0.0 31.2

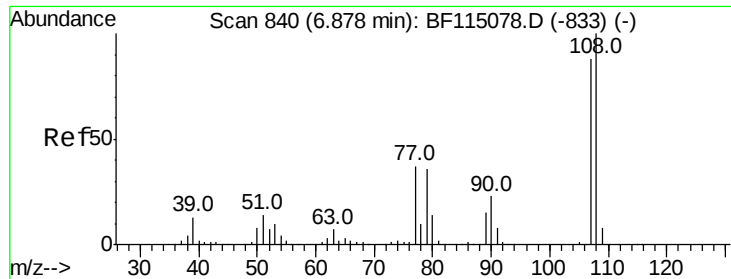


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

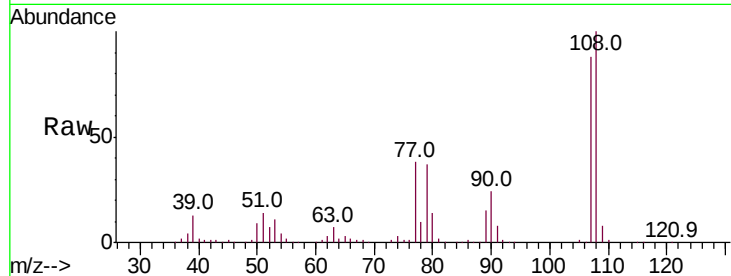




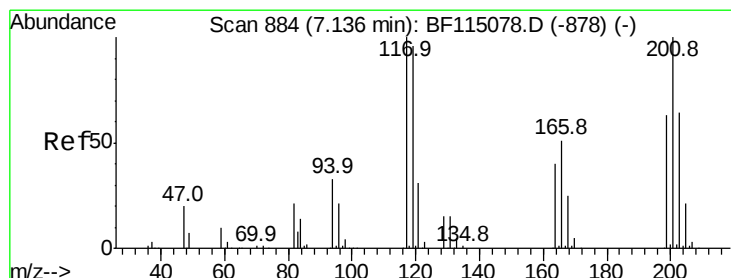
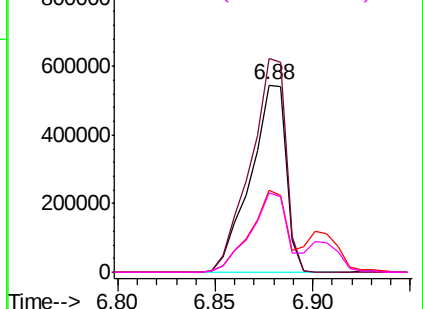
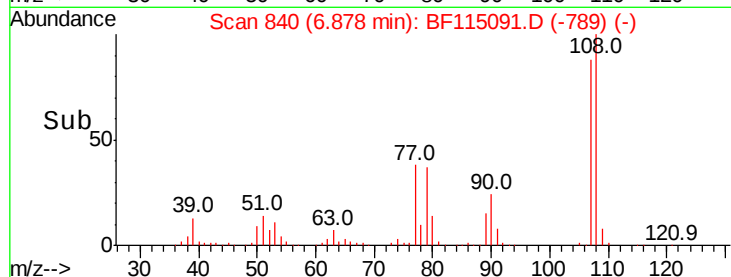
#17
2-Methylphenol
Concen: 42.418 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleID :

Tot Ion:107 Resp: 689823
Ion Ratio Lower Upper
107 100
108 114.0 90.9 136.3
77 43.6 33.4 50.2
79 42.1 32.3 48.5

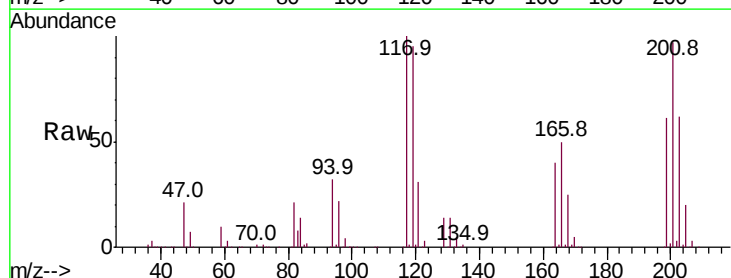


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

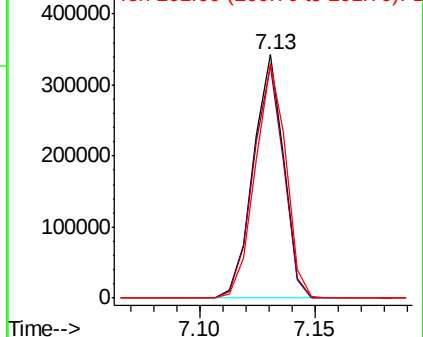
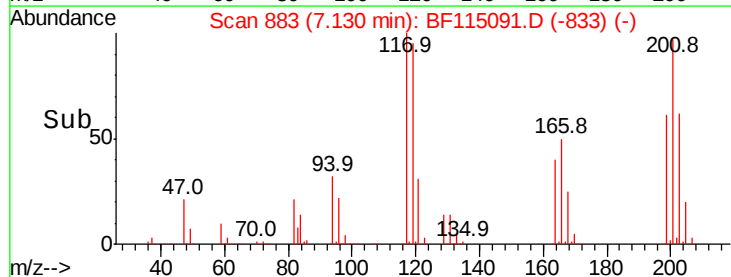


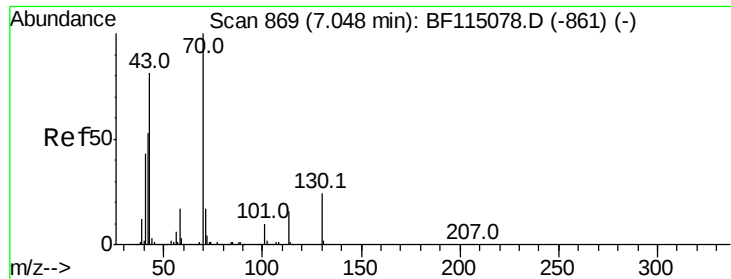
#18
Hexachloroethane
Concen: 39.611 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:117 Resp: 313115
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 96.6 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

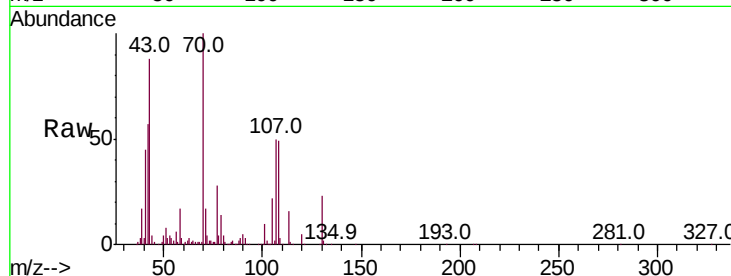




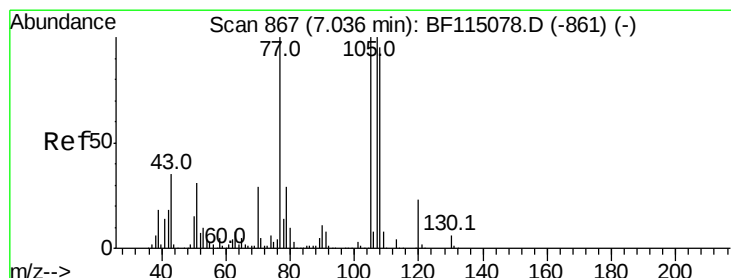
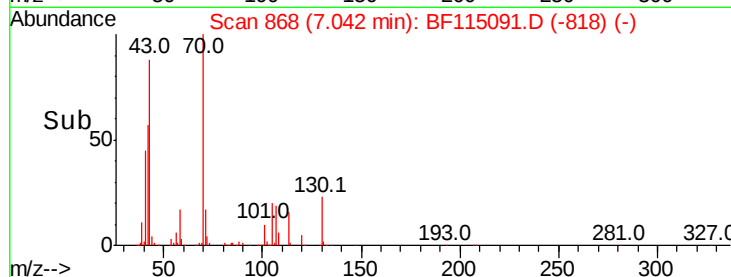
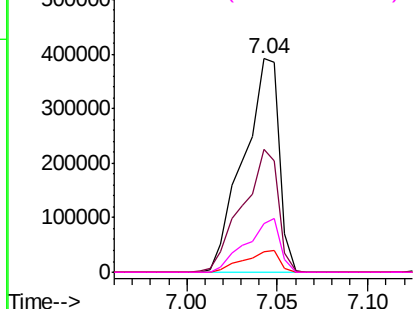
#19
n-Nitroso-di-n-propylamine
Concen: 39.418 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	536679
Ion	Ratio	Lower	Upper
70	100		
42	57.4	42.6	63.8
101	9.8	8.0	12.0
130	22.8	19.4	29.0



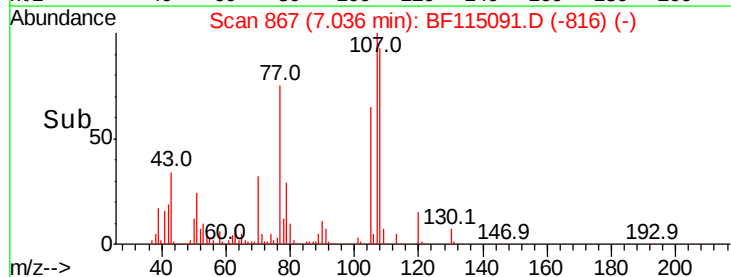
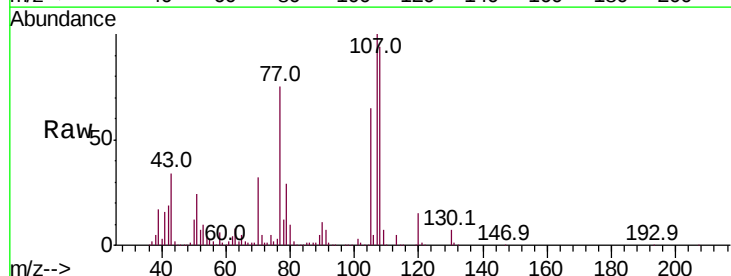
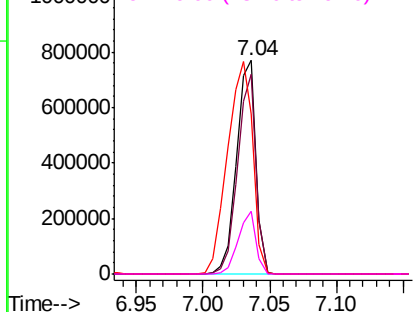
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

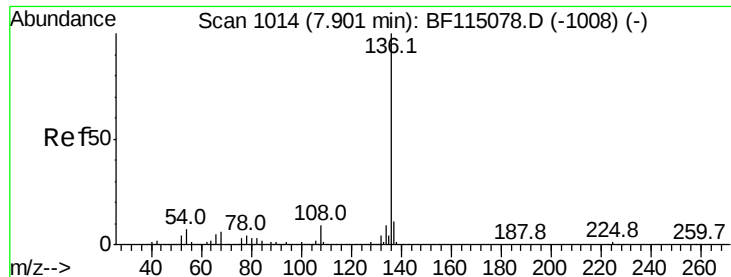


#20
3+4-Methylphenols
Concen: 41.622 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:	107	Resp:	781566
Ion	Ratio	Lower	Upper
107	100		
108	93.7	75.5	115.5
77	74.9	80.2	120.2#
79	29.2	9.5	49.5

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

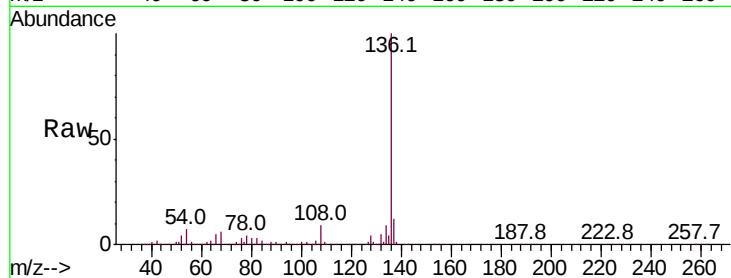
Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1059602

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.2	5.6	8.4
68	6.3	4.8	7.2

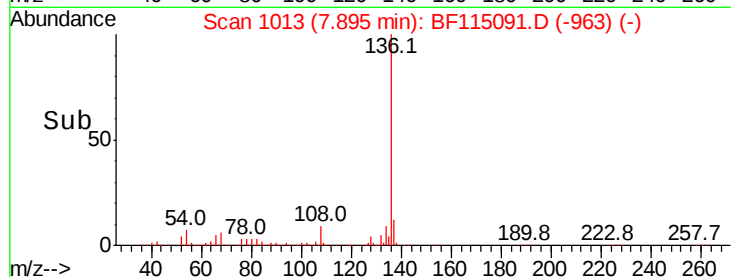


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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



Abundance

1000000

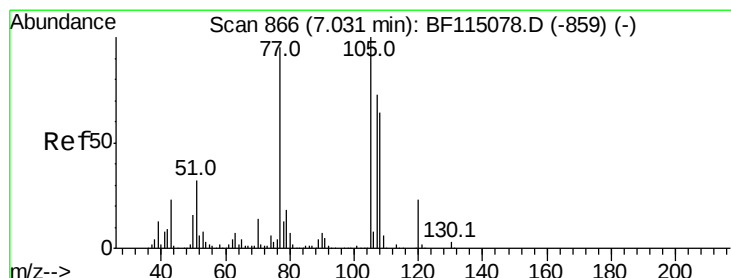
7.90

500000

0

Time-->

7.85 7.90



#22

Acetophenone

Concen: 44.387 ng

RT: 7.03 min Scan# 866

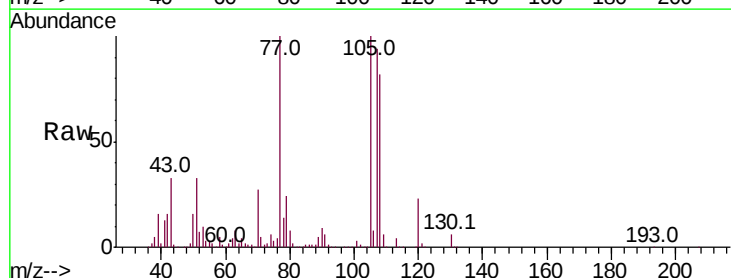
Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:105 Resp: 1076729

Ion	Ratio	Lower	Upper
105	100		
71	4.6	1.9	2.9#
51	33.4	25.8	38.8
120	22.7	18.5	27.7

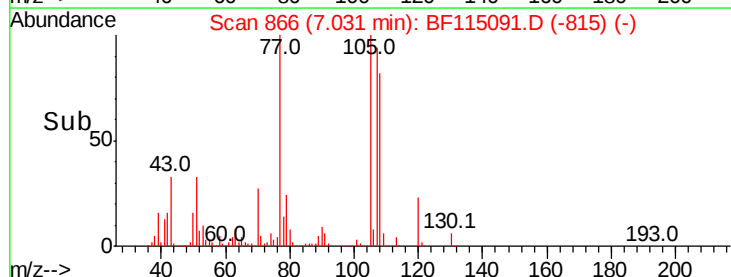


Abundance Ion 105.00 (104.70 to 105.70): E

1200000 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



Abundance

800000

7.03

600000

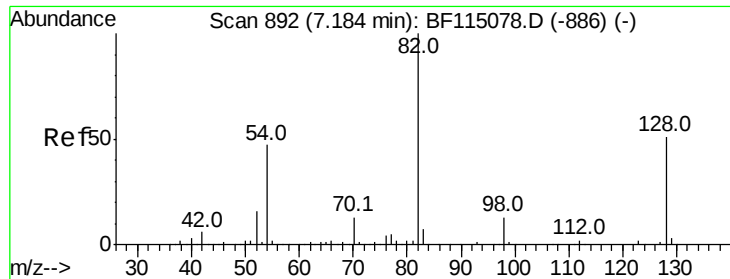
400000

200000

0

Time-->

6.95 7.00 7.05 7.10

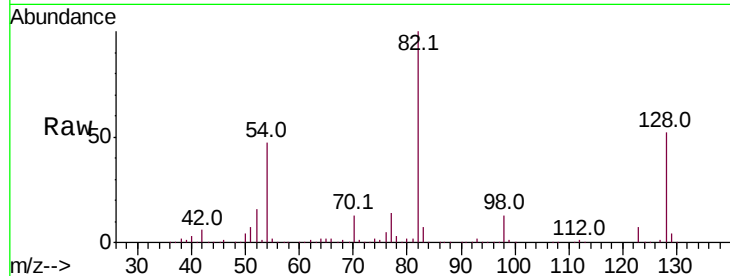


#23
 Nitrobenzene-d5
 Concen: 92.704 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

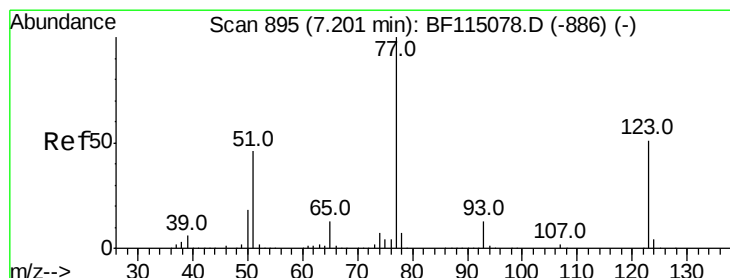
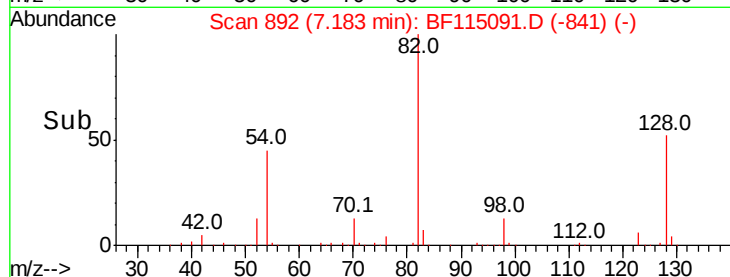
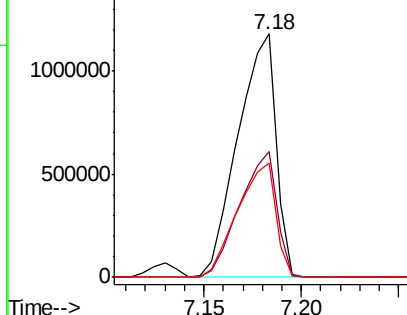
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1596827

Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.4	60.6
54	46.9	37.5	56.3



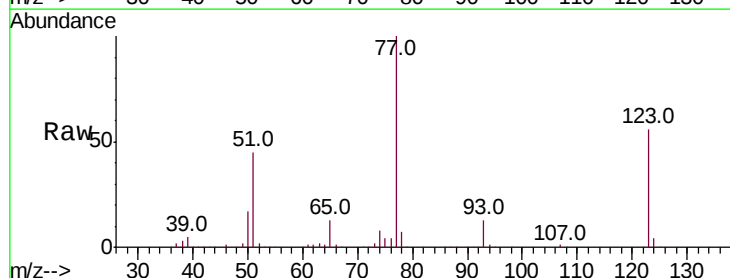
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



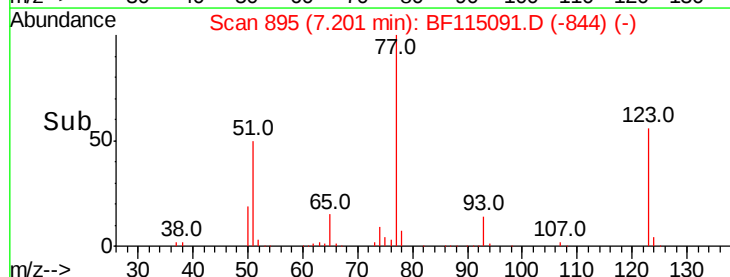
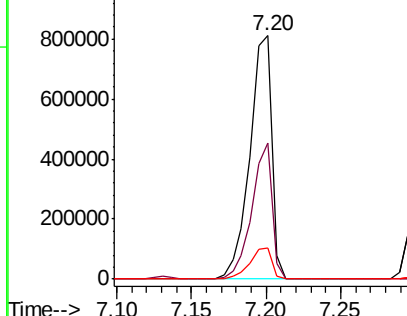
#24
 Nitrobenzene
 Concen: 43.290 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

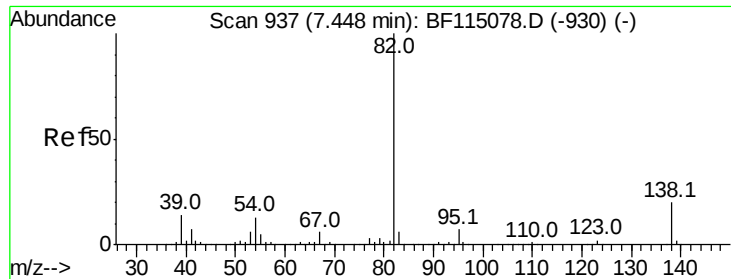
Tgt Ion: 77 Resp: 821487

Ion	Ratio	Lower	Upper
77	100		
123	55.6	41.0	61.6
65	12.7	10.5	15.7



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





#25

Isophorone

Concen: 44.385 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

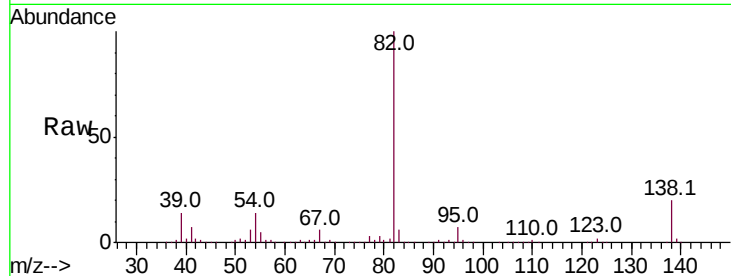
Tot Ion: 82 Resp: 1566182

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

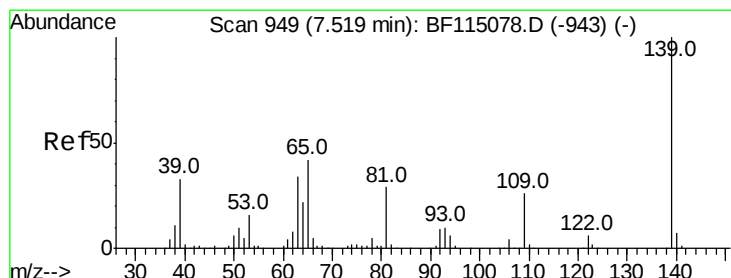
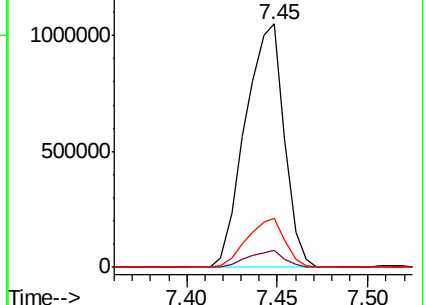
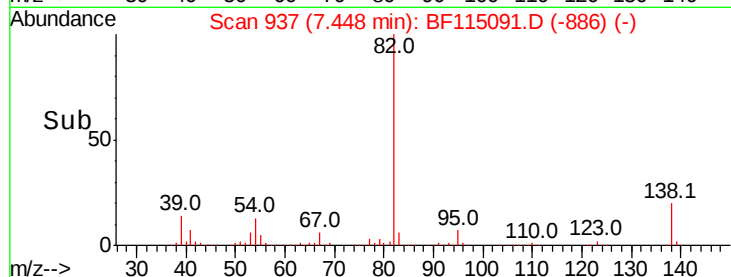
138 20.3 15.9 23.9



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: 47.311 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

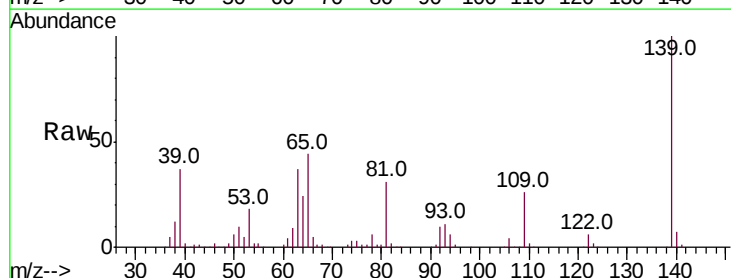
Tgt Ion: 139 Resp: 443369

Ion Ratio Lower Upper

139 100

109 26.4 20.4 30.6

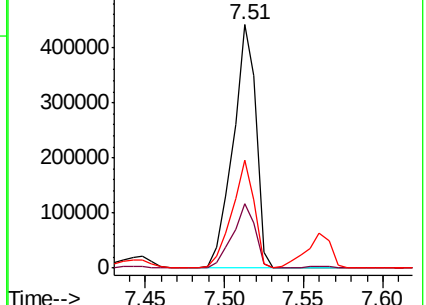
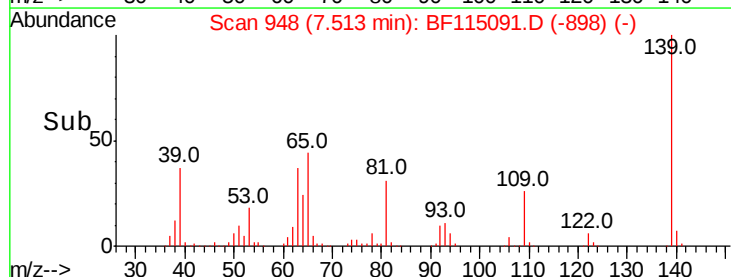
65 44.4 33.6 50.4

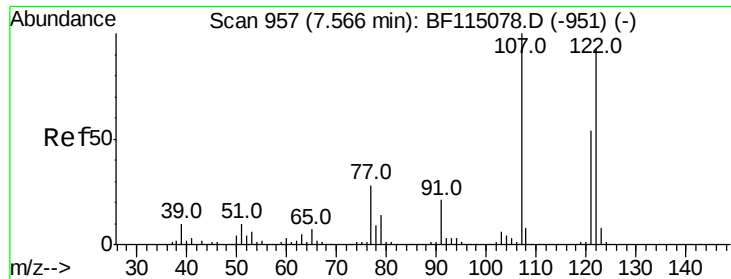


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

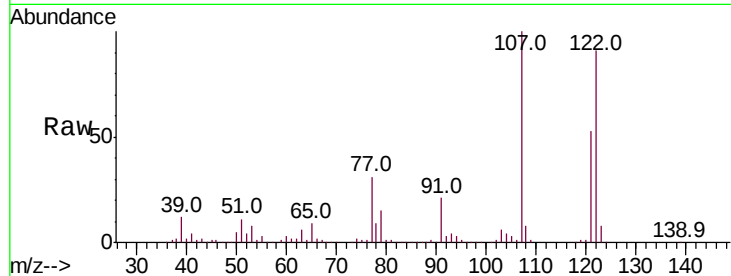




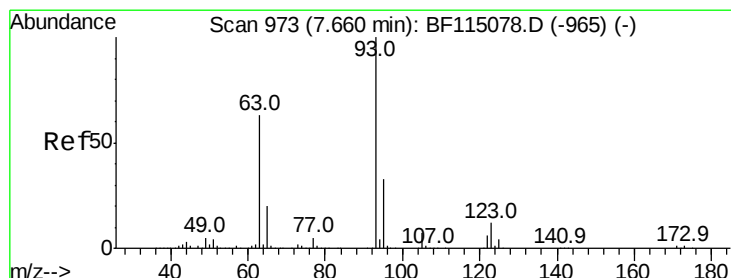
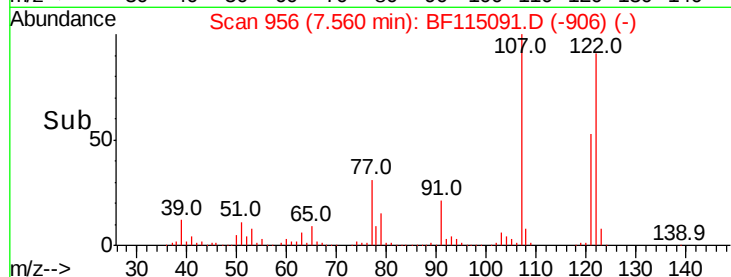
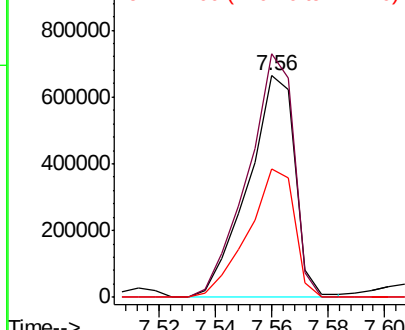
#27
 2,4-Dimethylphenol
 Concen: 50.003 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 767229
 Ion Ratio Lower Upper
 122 100
 107 109.8 85.8 128.6
 121 57.9 46.3 69.5

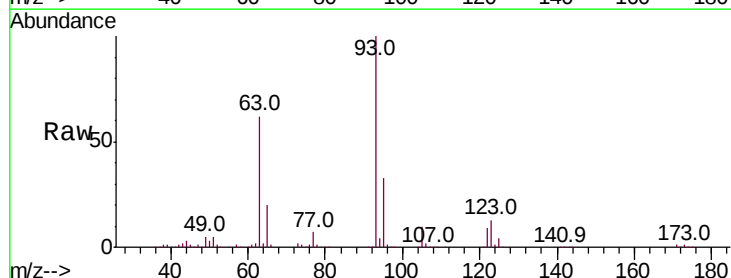


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

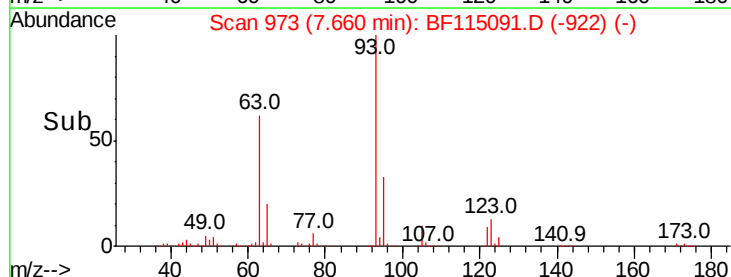
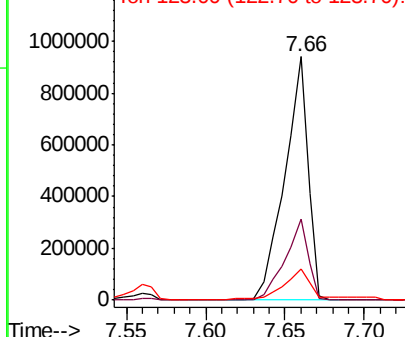


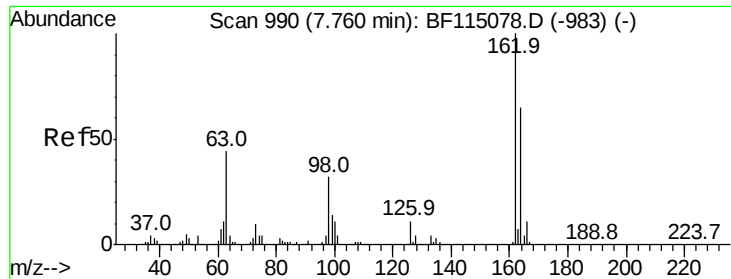
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.299 ng
 RT: 7.66 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion: 93 Resp: 965669
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 12.9 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

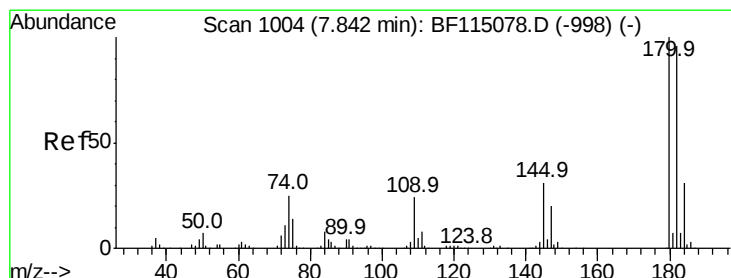
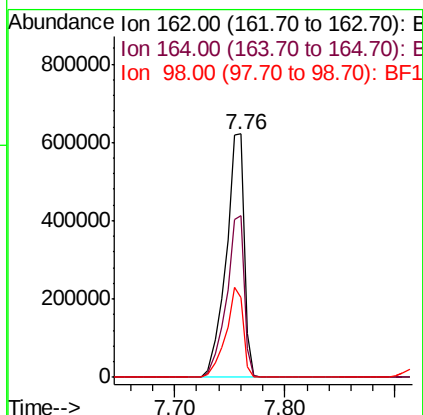
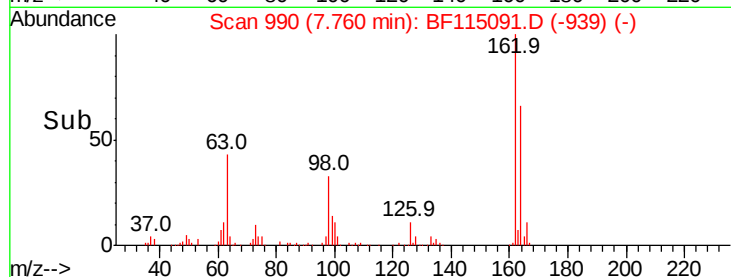
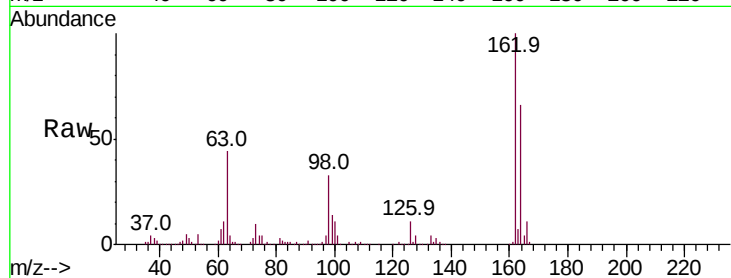




#29
 2,4-Dichlorophenol
 Concen: 45.272 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

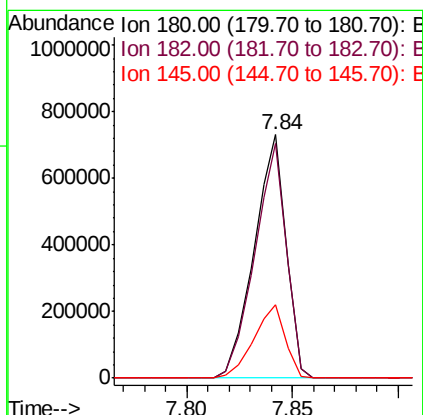
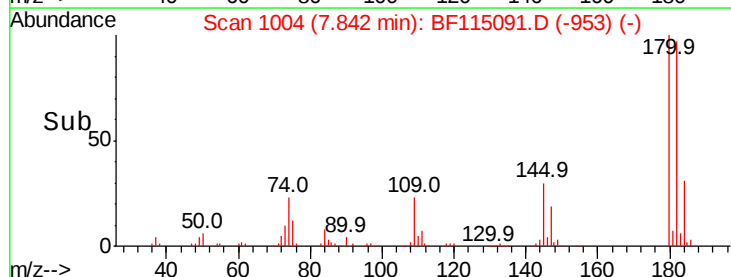
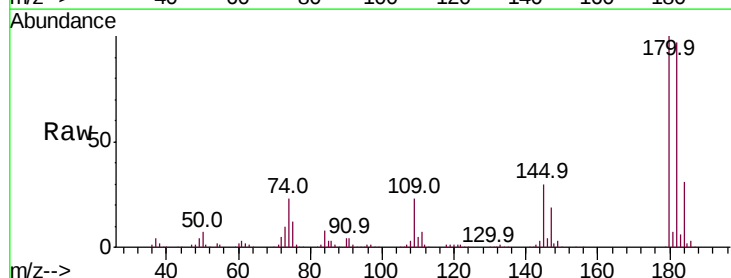
Instrument :
 BNA_F
 ClientSampleId :

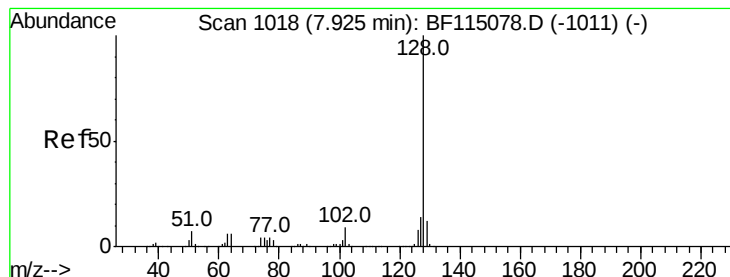
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.3	85.3
98	32.8	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.738 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	30.2	24.8	37.2





#31

Naphthalene

Concen: 43.924 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

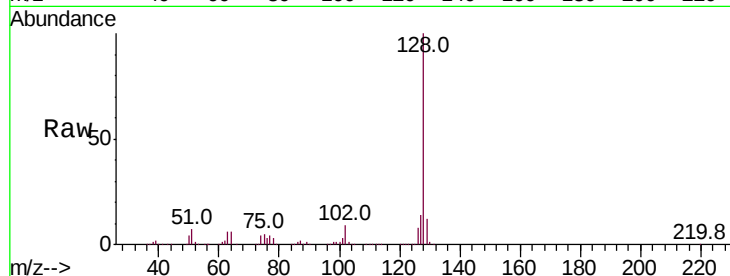
Tot Ion:128 Resp: 2284625

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

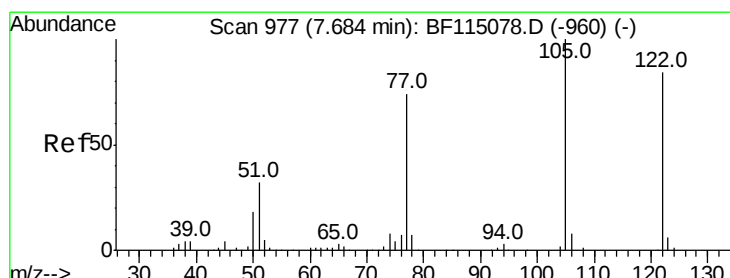
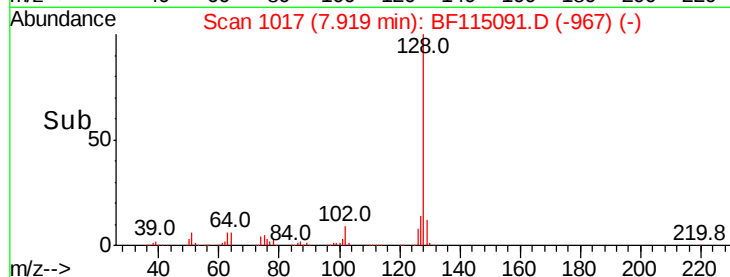
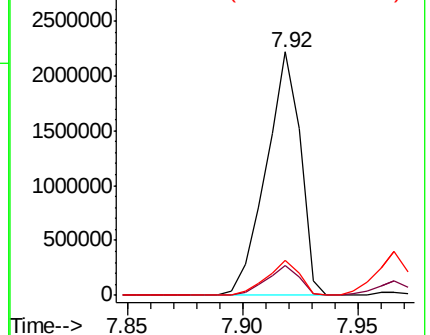
127 14.3 11.4 17.0



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: 54.348 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

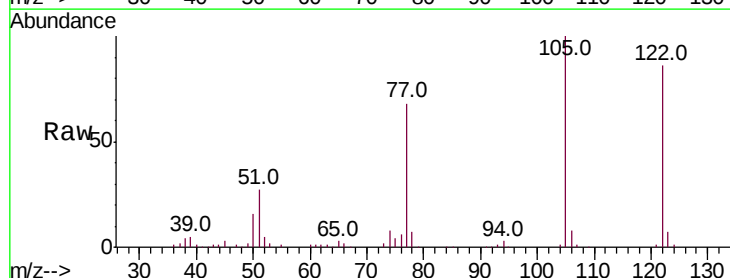
Tgt Ion:122 Resp: 595244

Ion Ratio Lower Upper

122 100

105 116.8 98.2 138.2

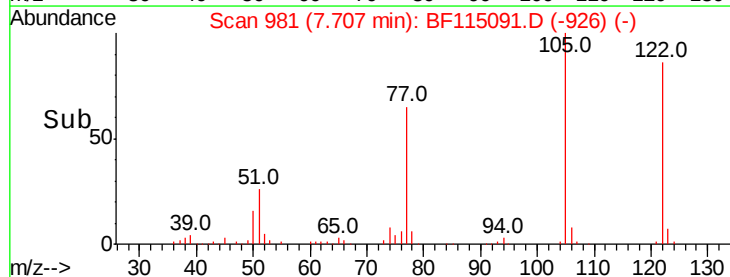
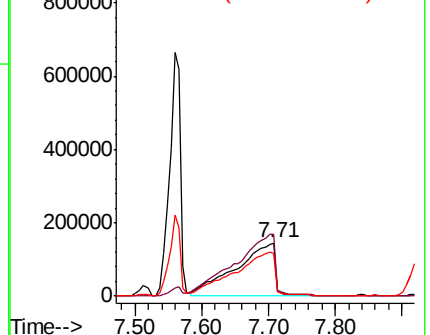
77 79.7 67.0 107.0

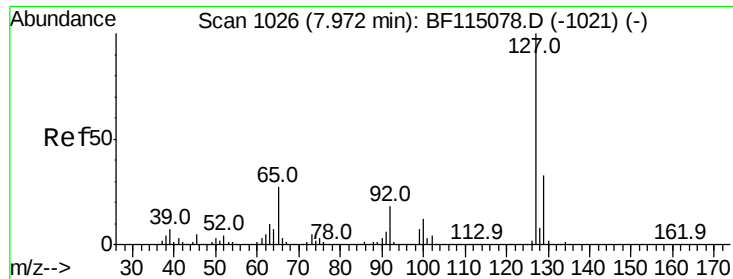


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

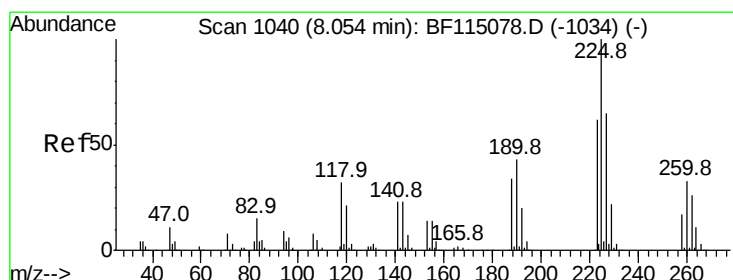
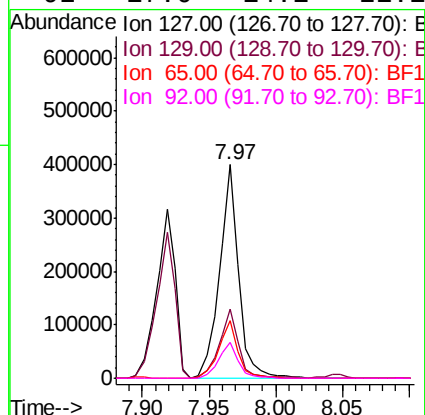
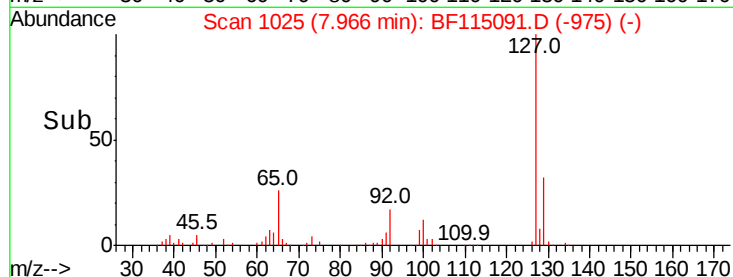
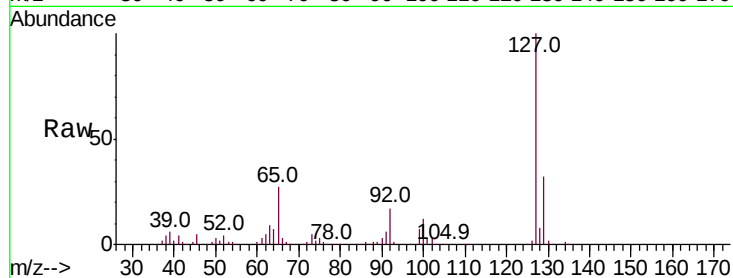




#33
4-Chloroaniline
Concen: 17.019 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

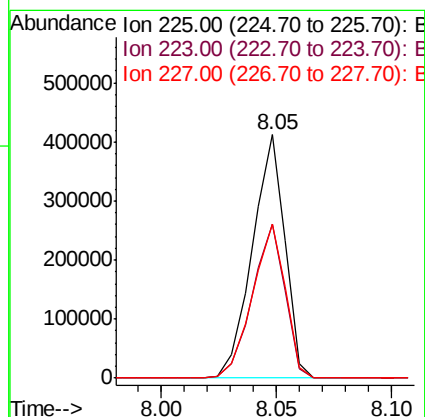
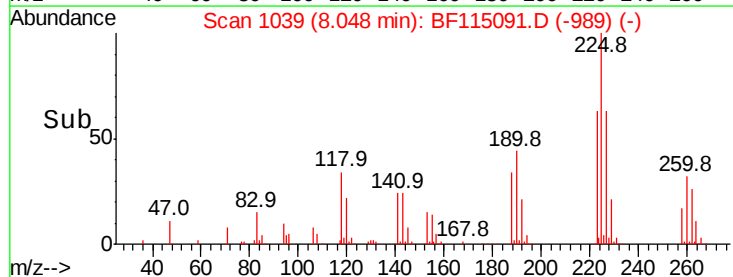
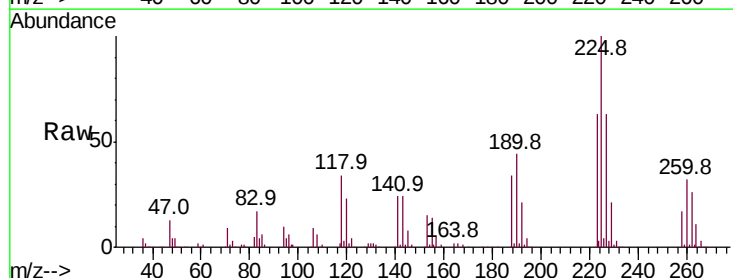
Instrument :
BNA_F
ClientSampleId :

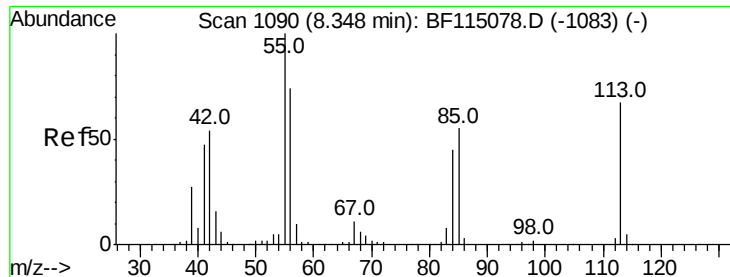
Tot Ion:	127	Resp:	404555
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.2	21.4	32.2
92	17.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.330 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:	225	Resp:	405731
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	63.1	51.8	77.8

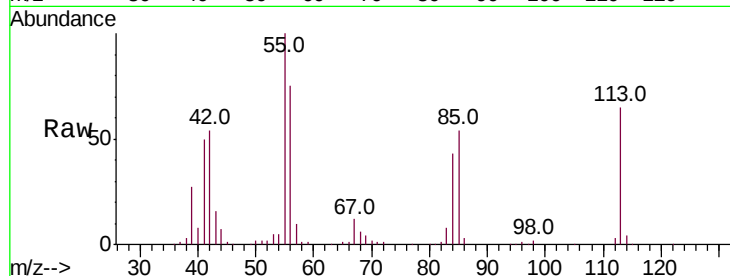




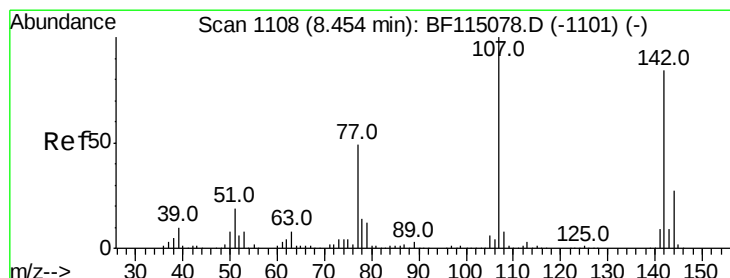
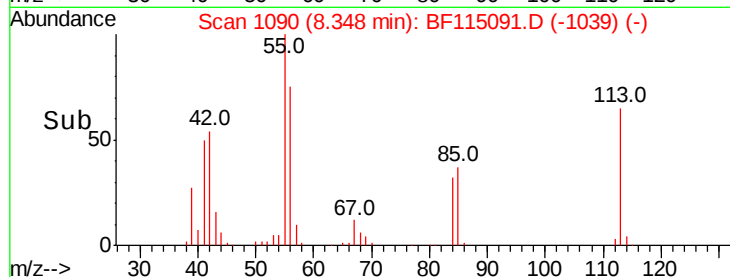
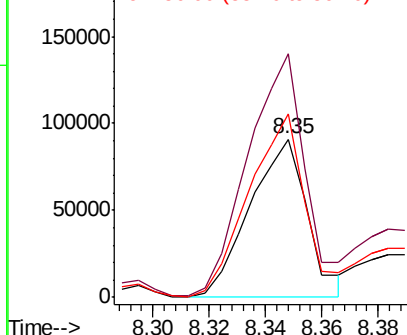
#35
 Caprolactam
 Concen: 24.064 ng
 RT: 8.35 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 128112
 Ion Ratio Lower Upper
 113 100
 55 154.2 130.2 170.2
 56 116.3 91.6 131.6

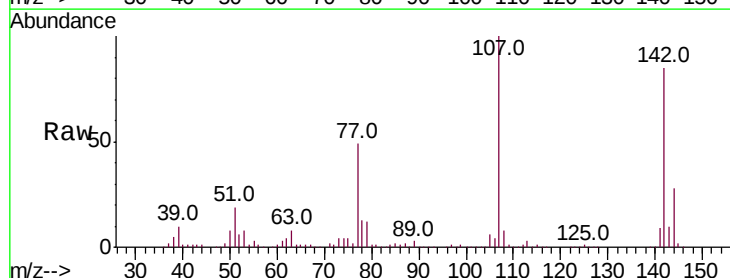


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

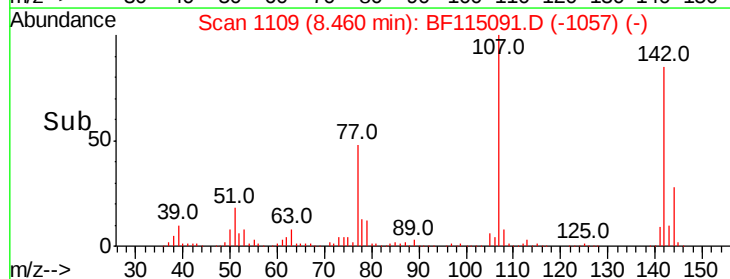
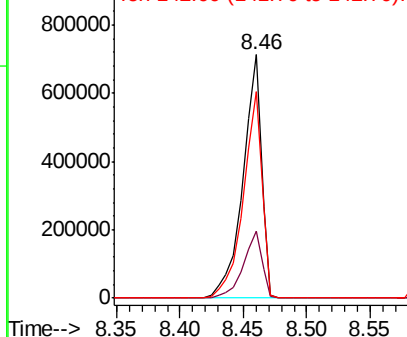


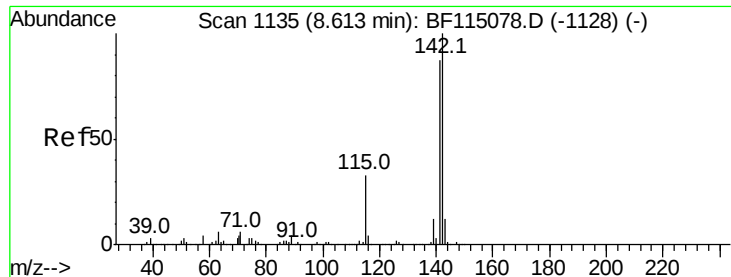
#36
 4-Chloro-3-methylphenol
 Concen: 45.163 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:107 Resp: 724233
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.7 32.5
 142 85.0 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

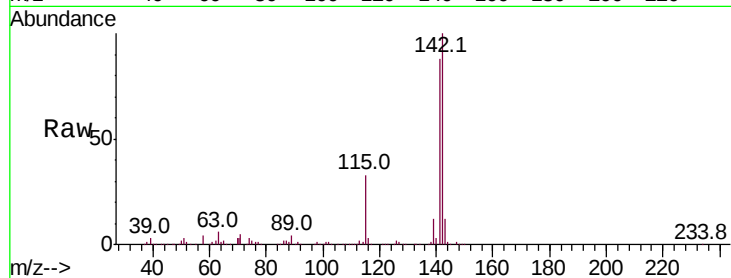




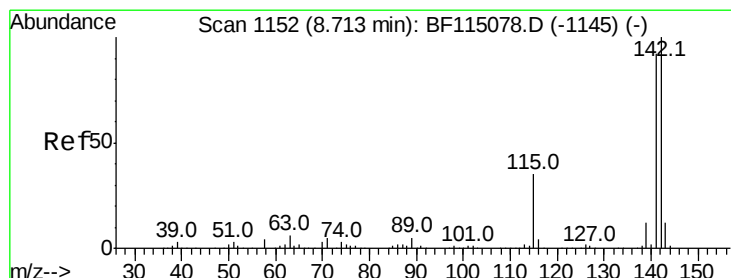
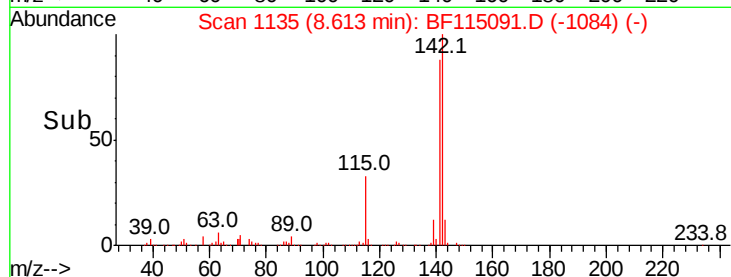
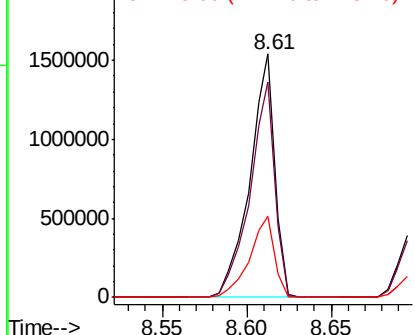
#37
2-Methylnaphthalene
Concen: 45.413 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1592637
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6
115 33.5 26.7 40.1

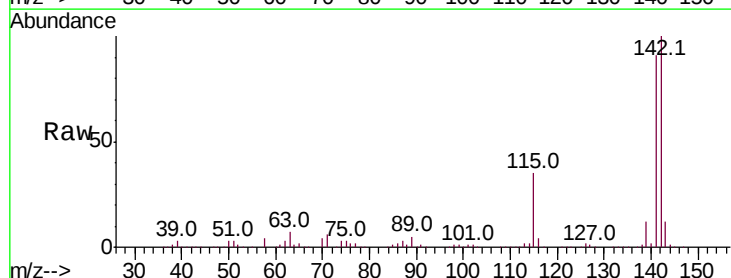


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

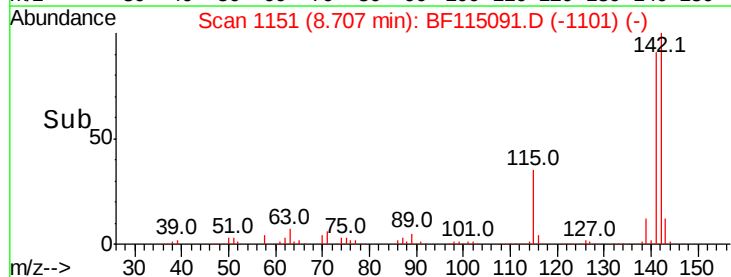
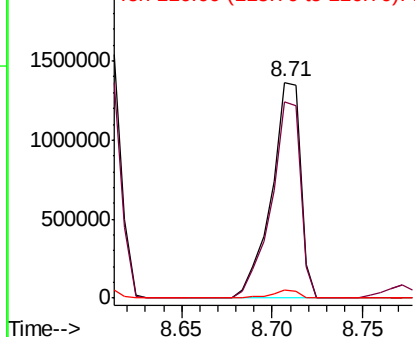


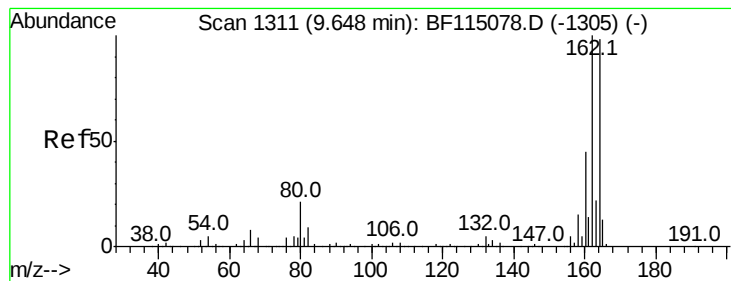
#38
1-Methylnaphthalene
Concen: 45.433 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:142 Resp: 1521763
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.8
116 3.8 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

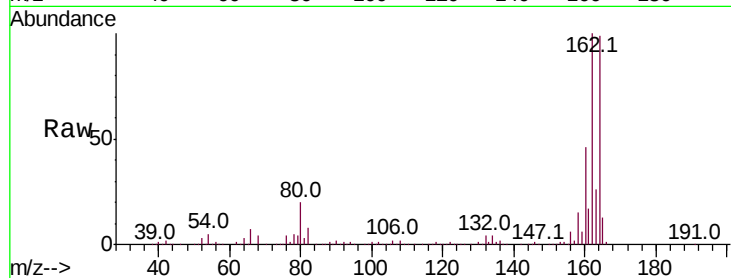
Tot Ion:164 Resp: 541821

Ion Ratio Lower Upper

164 100

162 101.2 81.7 122.5

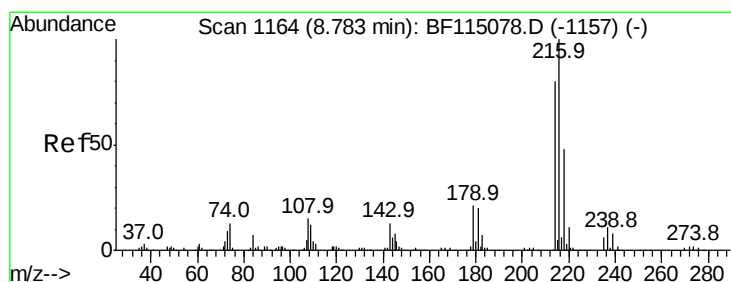
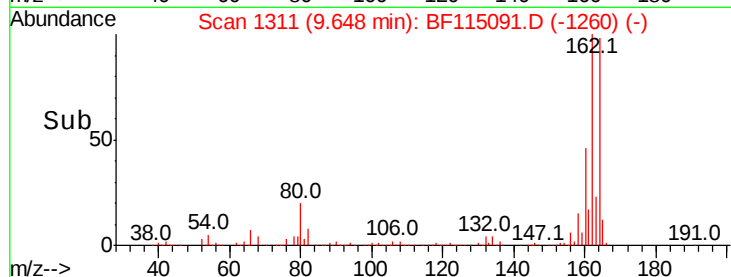
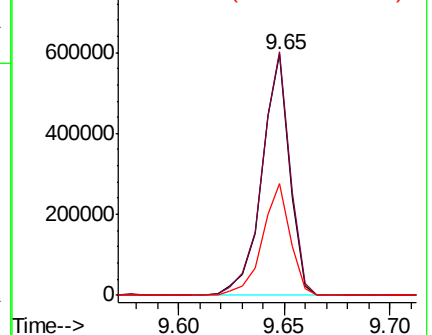
160 46.3 37.0 55.4



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: 42.201 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:216 Resp: 646135

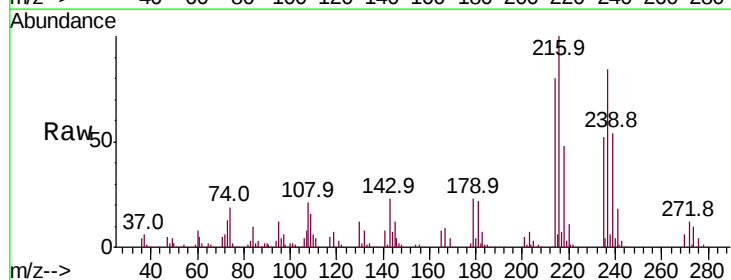
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.1 17.6 26.4

108 20.9 15.7 23.5

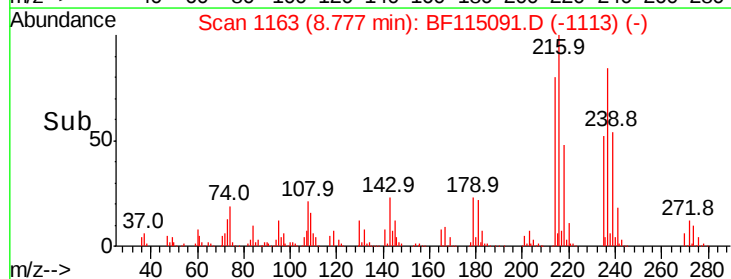
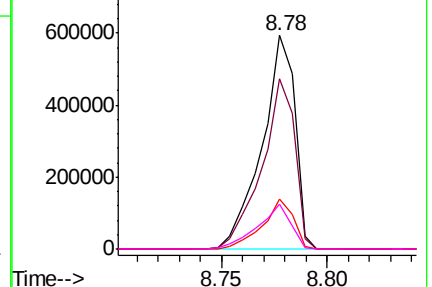


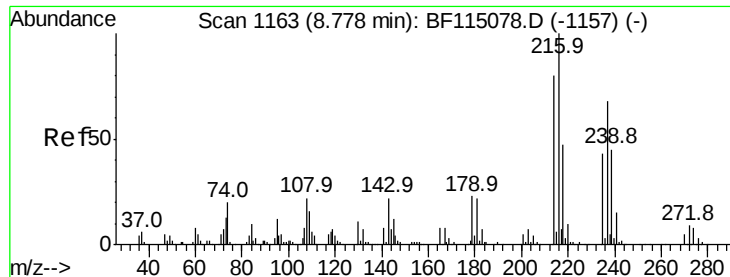
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.939 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

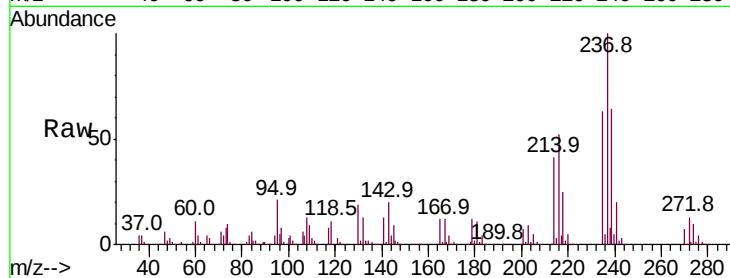
Tot Ion:237 Resp: 716675

Ion Ratio Lower Upper

237 100

235 63.2 43.9 83.9

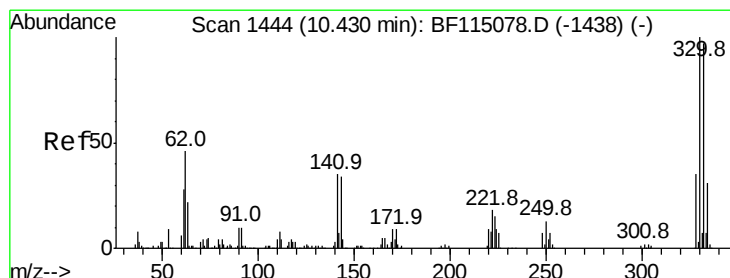
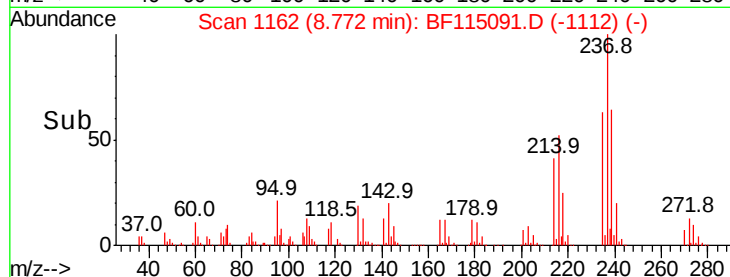
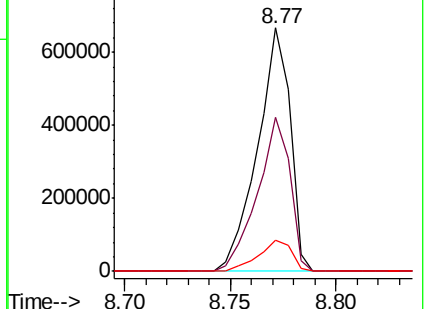
272 12.8 0.0 33.8



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: 127.898 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

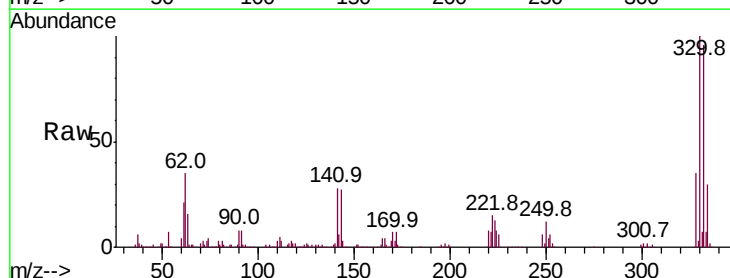
Tgt Ion:330 Resp: 730768

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

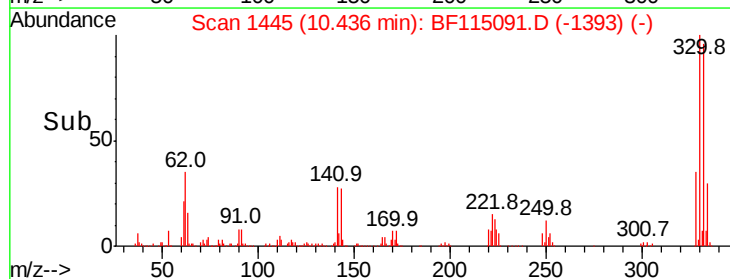
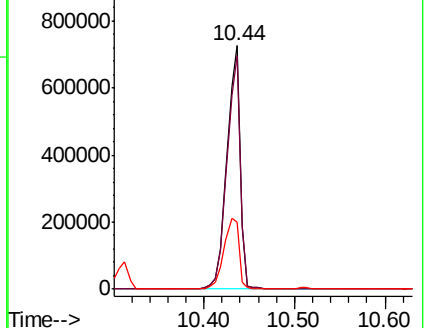
141 33.2 28.2 42.2

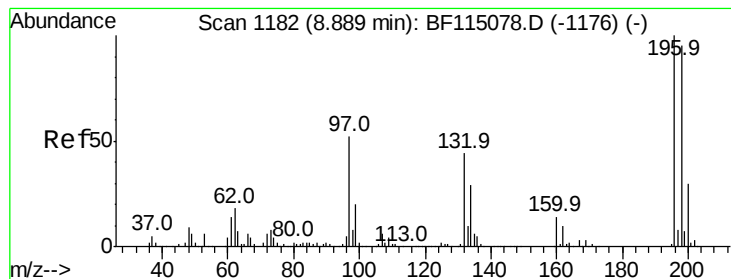


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 45.505 ng

RT: 8.89 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampled :

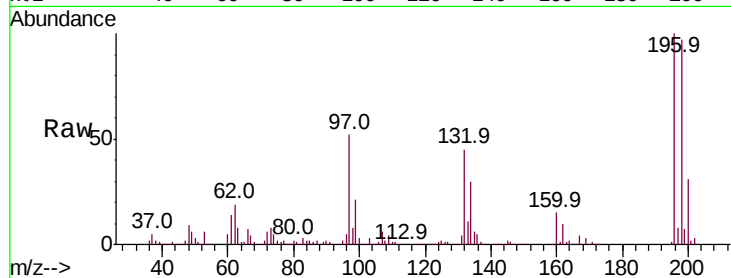
Tot Ion:196 Resp: 537900

Ion Ratio Lower Upper

196 100

198 97.2 76.3 114.5

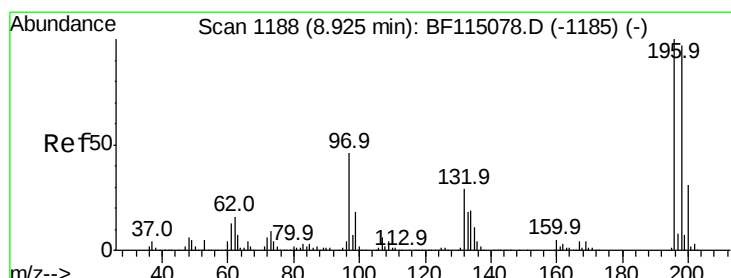
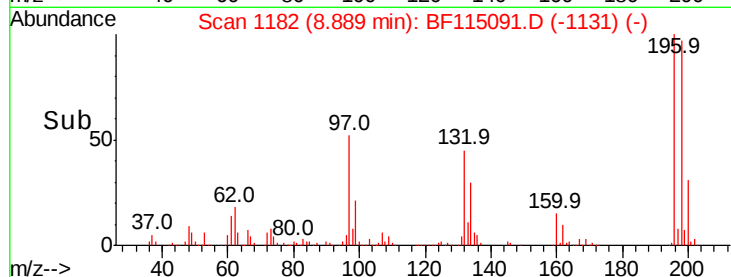
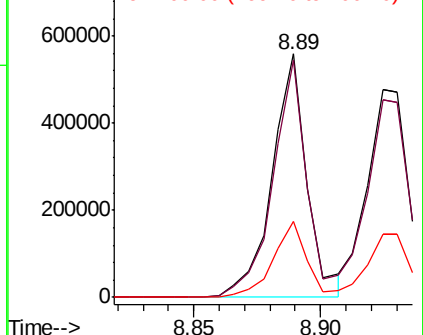
200 31.4 24.2 36.4



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: 43.538 ng

RT: 8.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:196 Resp: 529989

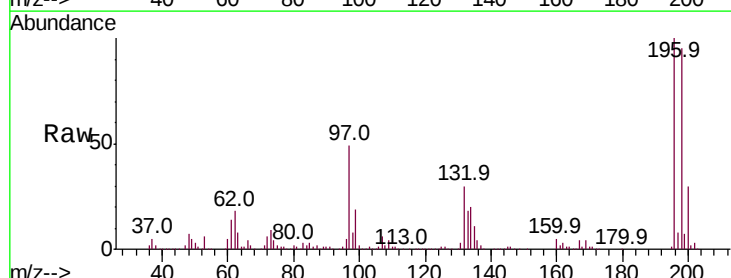
Ion Ratio Lower Upper

196 100

198 94.7 77.1 115.7

97 48.8 37.7 56.5

132 29.7 23.1 34.7

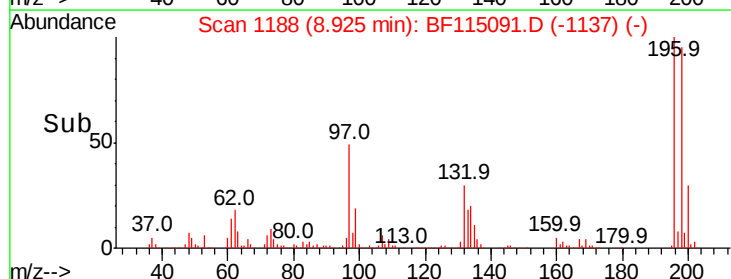
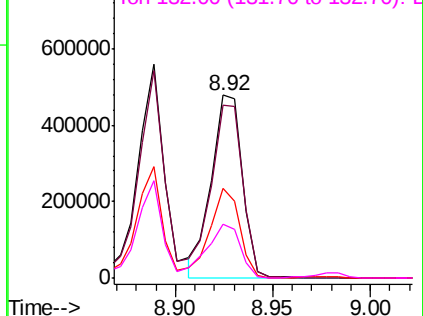


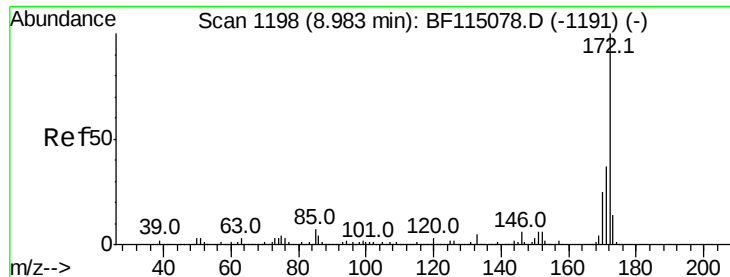
Abundance Ion 196.00 (195.70 to 196.70): E

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



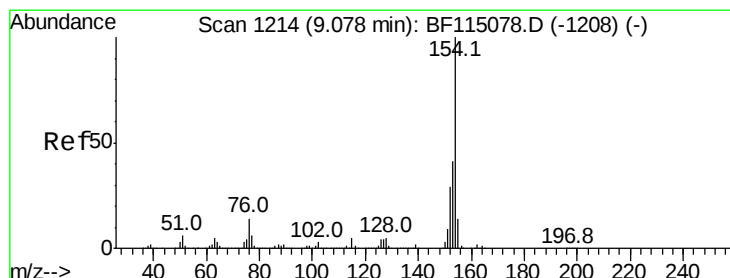
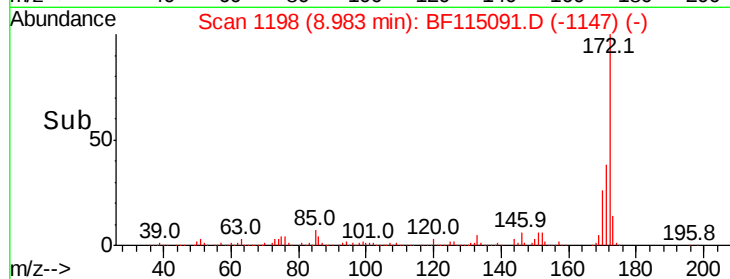
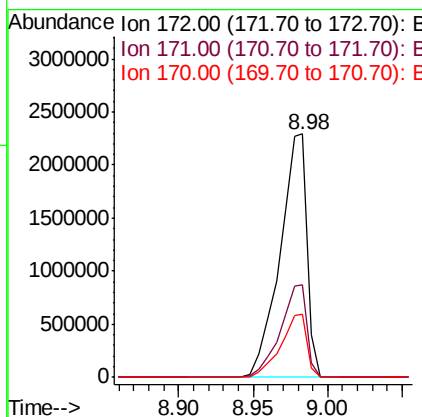
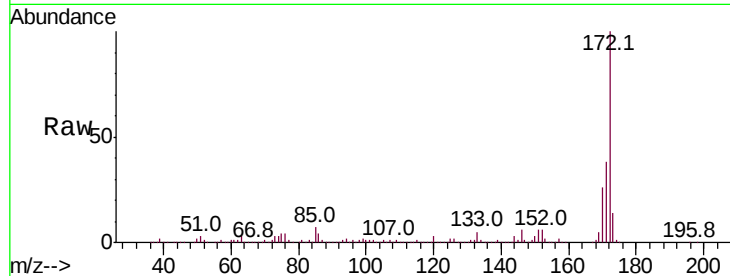


#45
 2-Fluorobiphenyl
 Concen: 91.604 ng
 RT: 8.98 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2921947

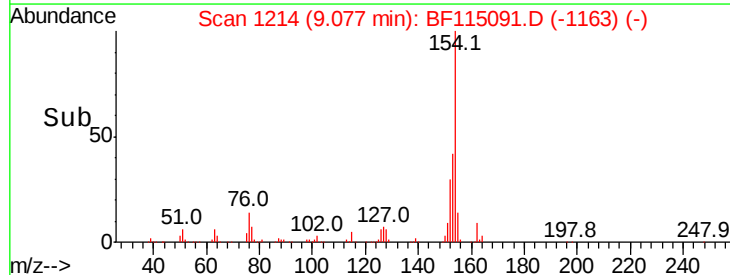
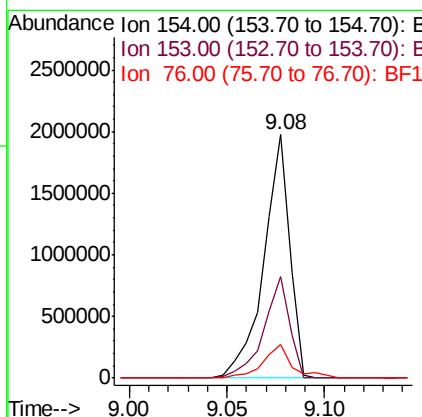
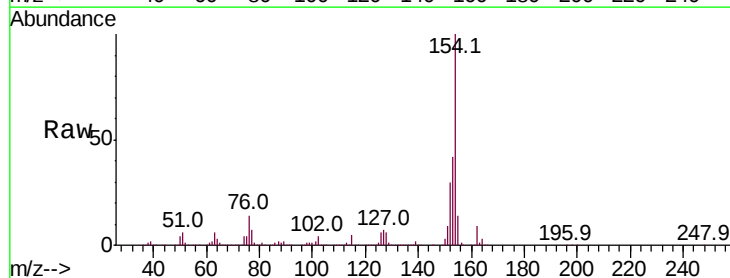
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.9	20.3	30.5

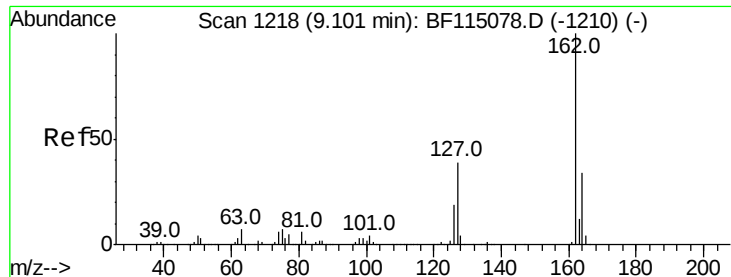


#46
 1,1'-Biphenyl
 Concen: 41.924 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:154 Resp: 1817538

Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.9	60.9
76	13.8	0.0	34.1





#47

2-Chloronaphthalene

Concen: 42.289 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

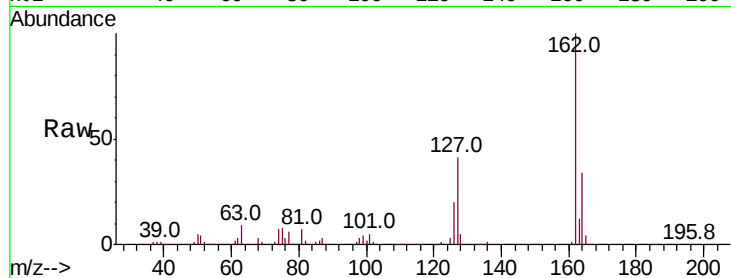
Tot Ion:162 Resp: 1487131

Ion Ratio Lower Upper

162 100

127 41.0 30.8 46.2

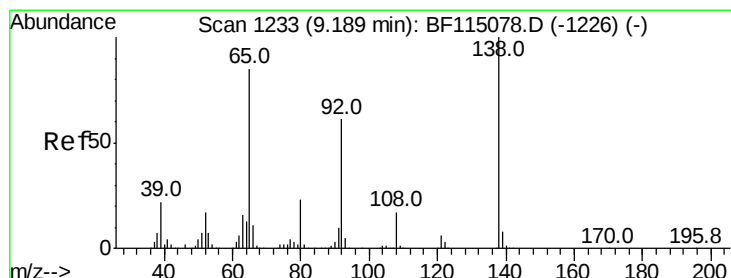
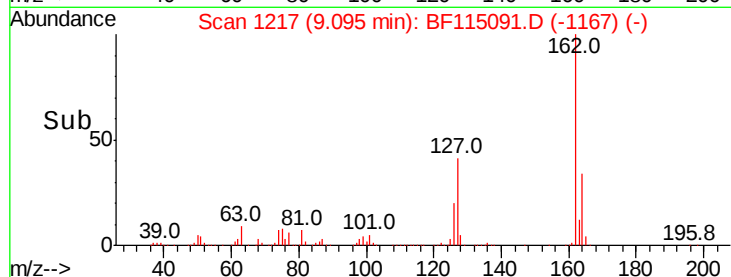
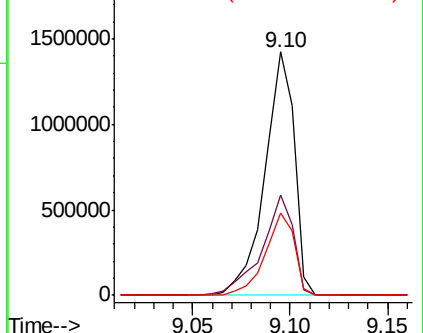
164 33.7 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.028 ng

RT: 9.19 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

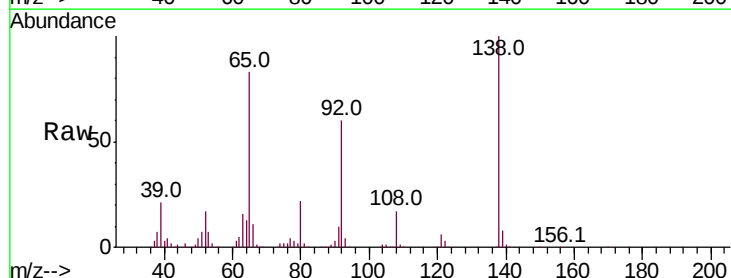
Tgt Ion: 65 Resp: 441137

Ion Ratio Lower Upper

65 100

92 72.6 57.4 86.2

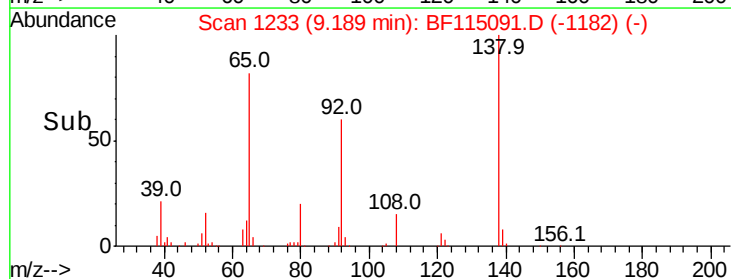
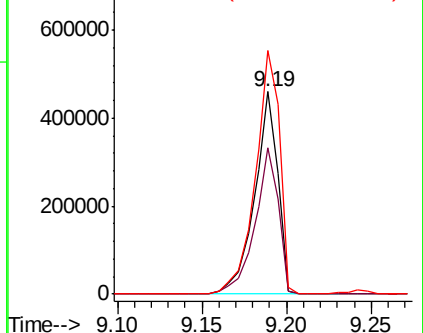
138 120.4 94.1 141.1

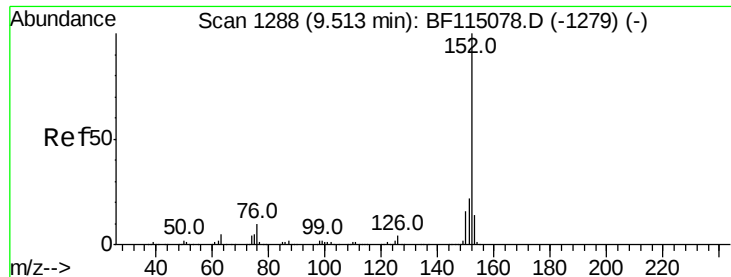


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.877 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

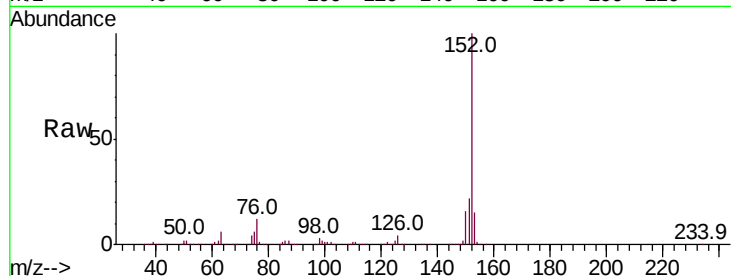
Tot Ion:152 Resp: 2294446

Ion Ratio Lower Upper

152 100

151 21.9 17.2 25.8

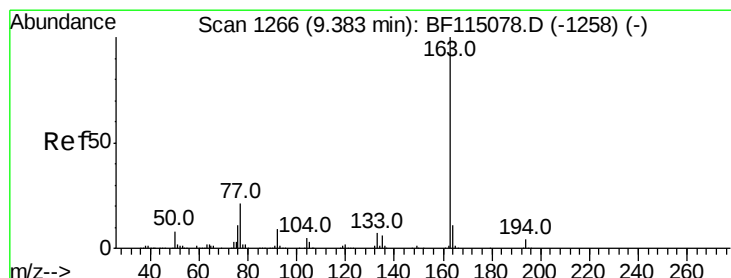
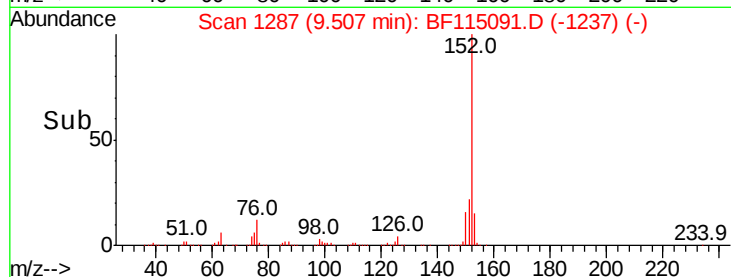
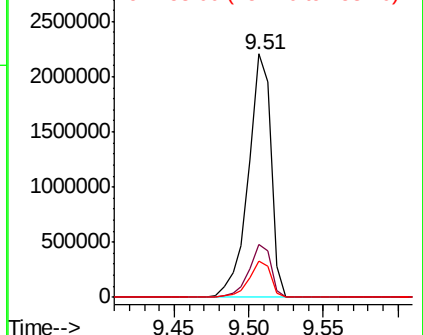
153 14.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.395 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

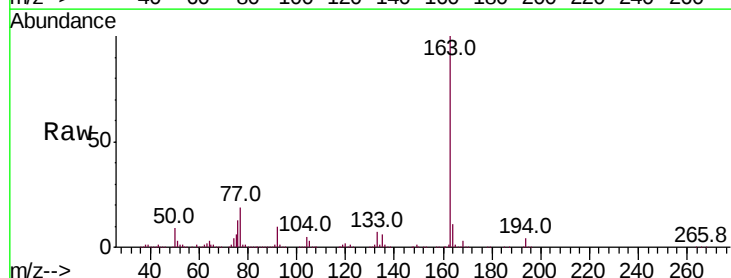
Tgt Ion:163 Resp: 1689970

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

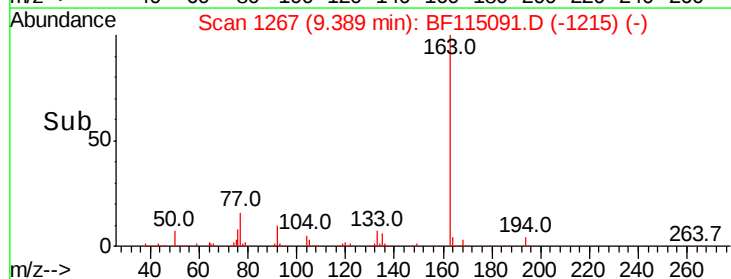
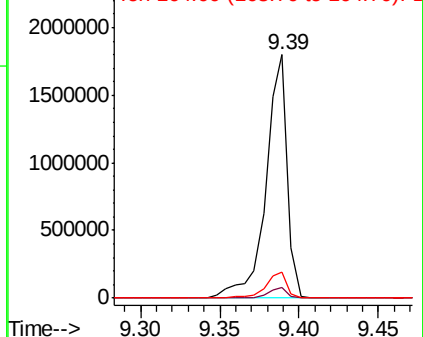
164 10.7 8.6 13.0

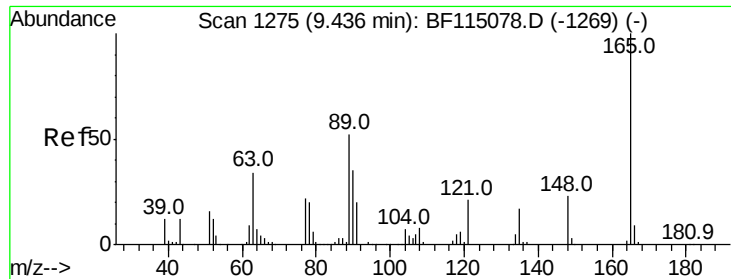


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

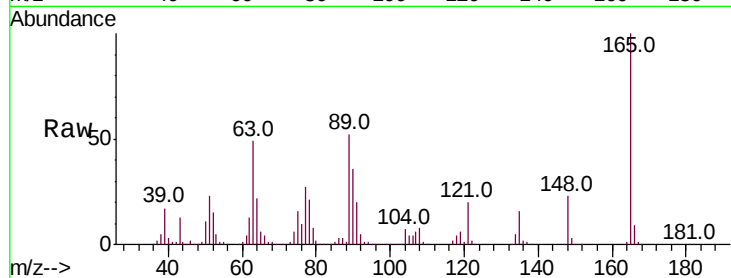




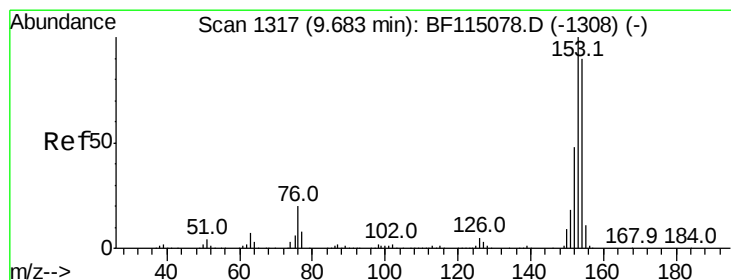
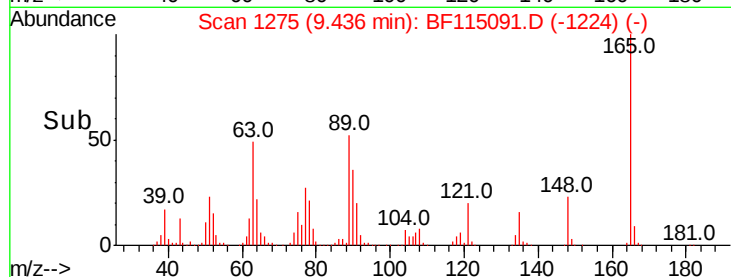
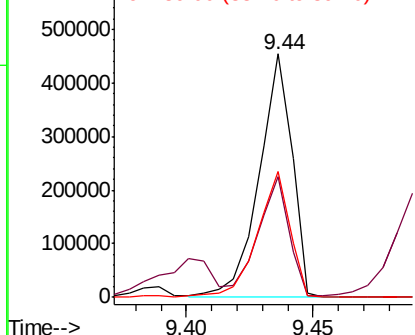
#51
 2,6-Dinitrotoluene
 Concen: 44.929 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 413490
 Ion Ratio Lower Upper
 165 100
 63 49.4 39.4 59.2
 89 51.8 42.0 63.0

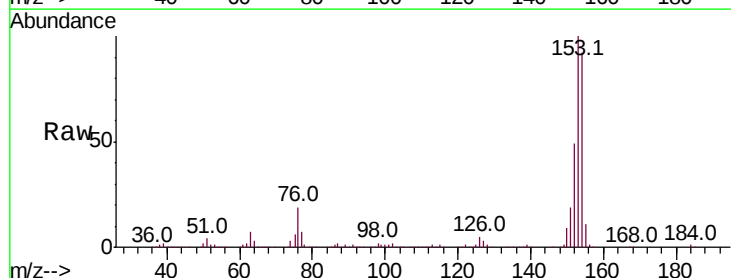


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

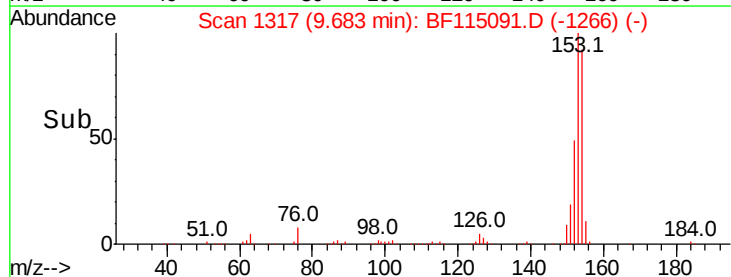
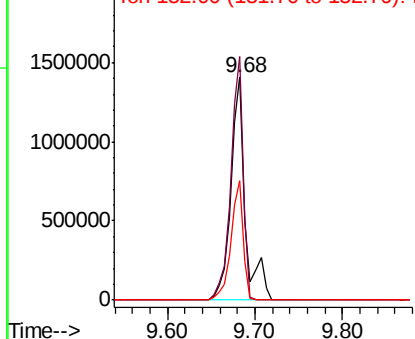


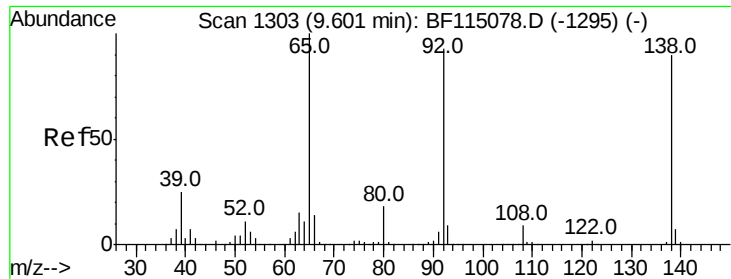
#52
 Acenaphthene
 Concen: 46.866 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:154 Resp: 1606799
 Ion Ratio Lower Upper
 154 100
 153 109.2 88.7 133.1
 152 53.3 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

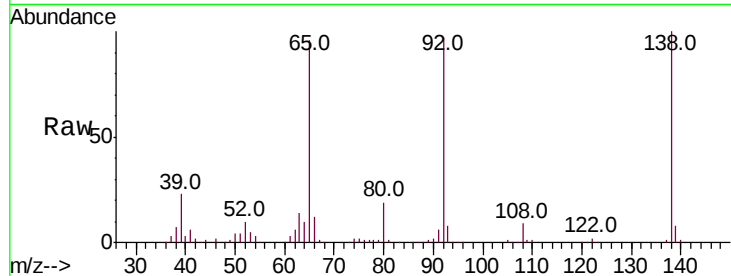




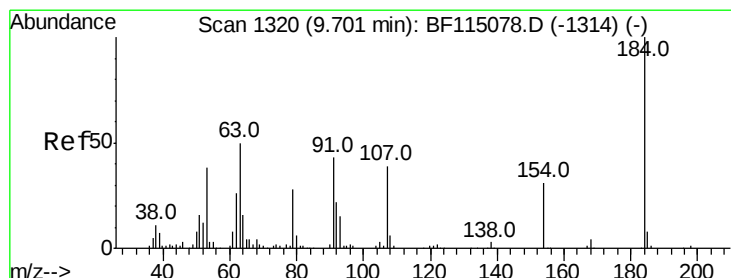
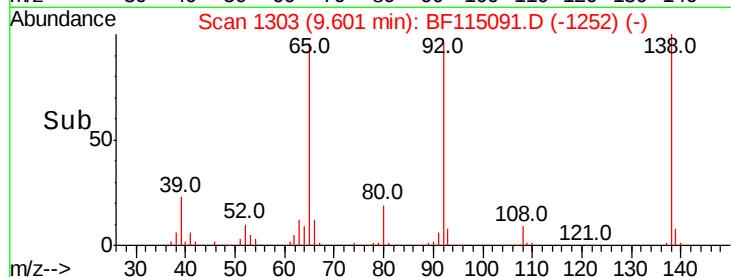
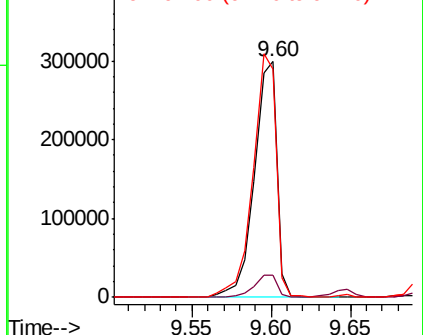
#53
3-Nitroaniline
Concen: 26.384 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 296316
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 96.8 82.9 124.3

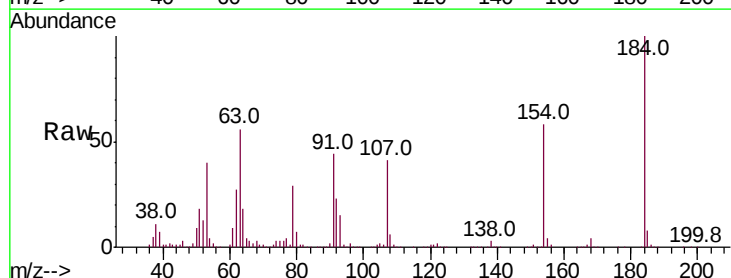


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

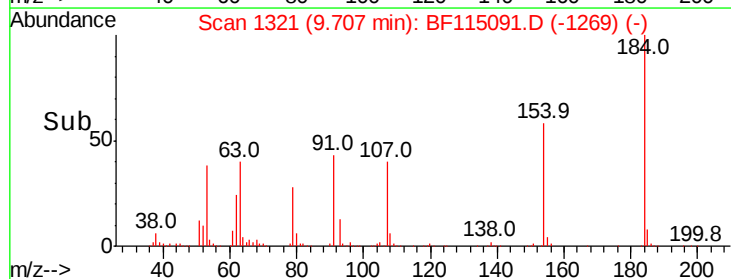
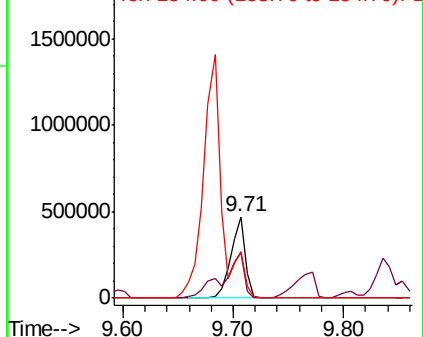


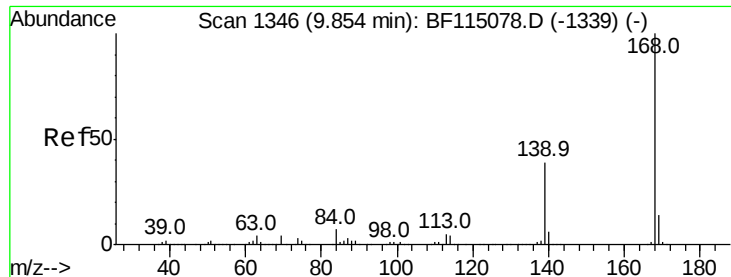
#54
2,4-Dinitrophenol
Concen: 90.736 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:184 Resp: 434832
Ion Ratio Lower Upper
184 100
63 55.6 41.9 62.9
154 57.6 44.7 67.1



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

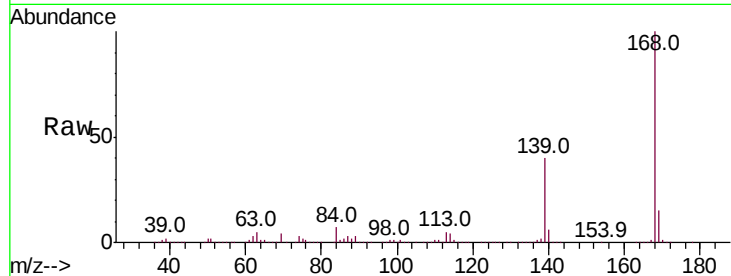




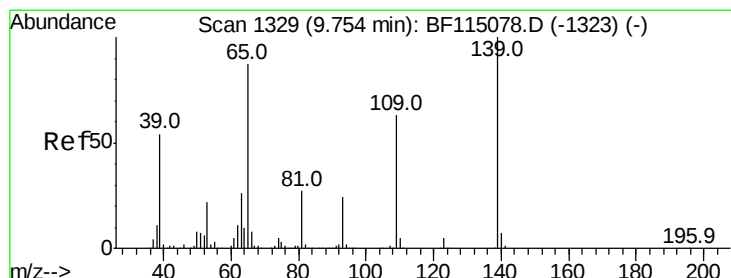
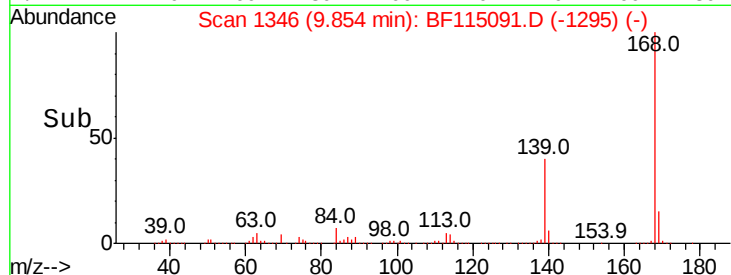
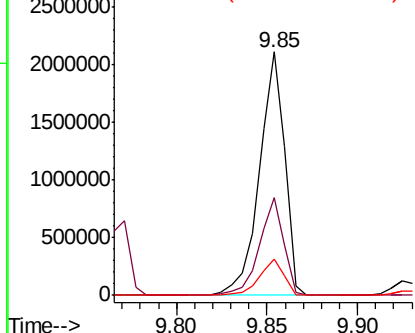
#55
Dibenzenofuran
Concen: 41.310 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2032783
Ion Ratio Lower Upper
168 100
139 40.2 31.1 46.7
169 14.8 11.3 16.9

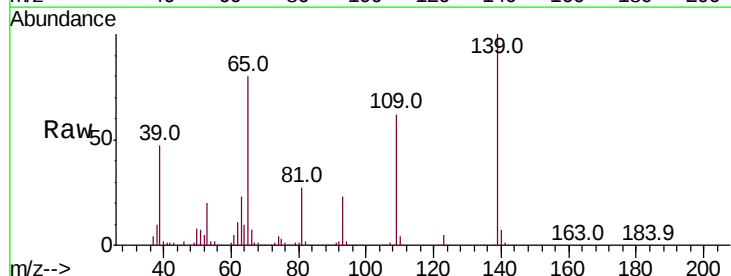


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

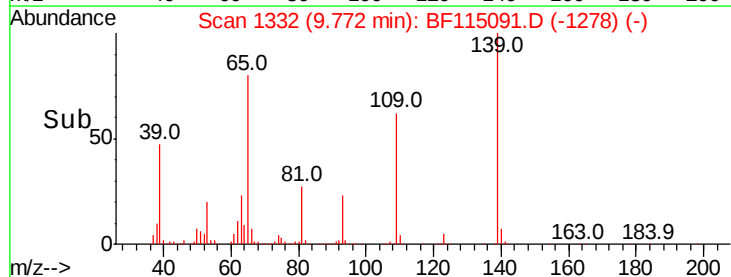
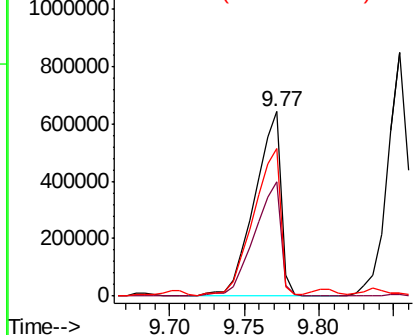


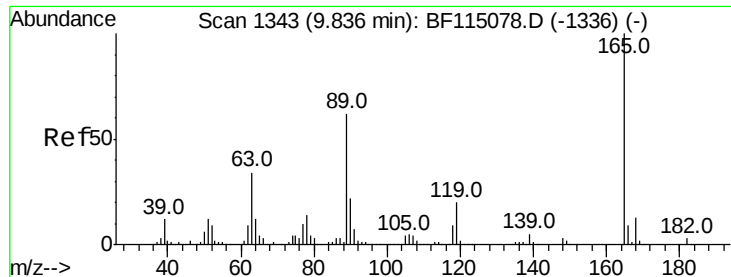
#56
4-Nitrophenol
Concen: 85.950 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:139 Resp: 773874
Ion Ratio Lower Upper
139 100
109 62.3 43.0 83.0
65 80.2 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

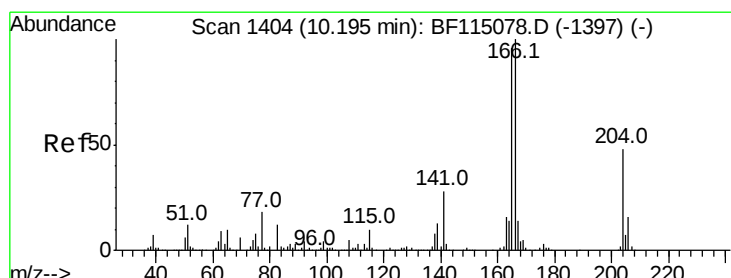
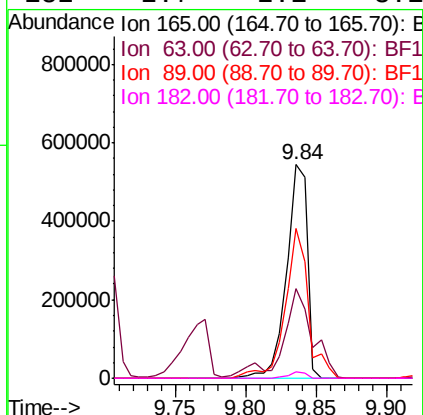
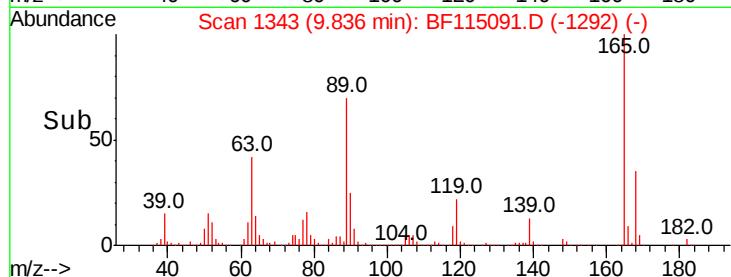
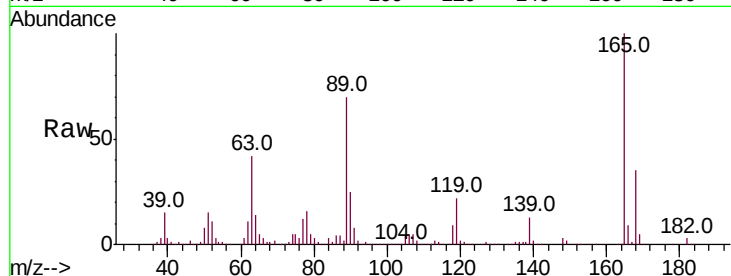




#57
 2,4-Dinitrotoluene
 Concen: 46.890 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

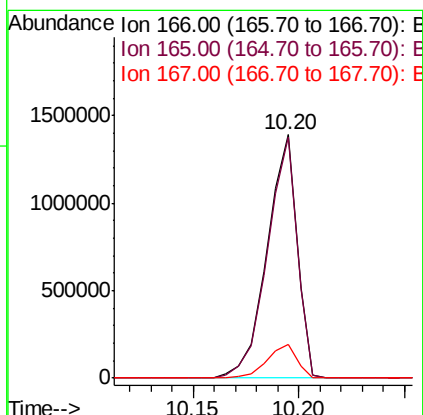
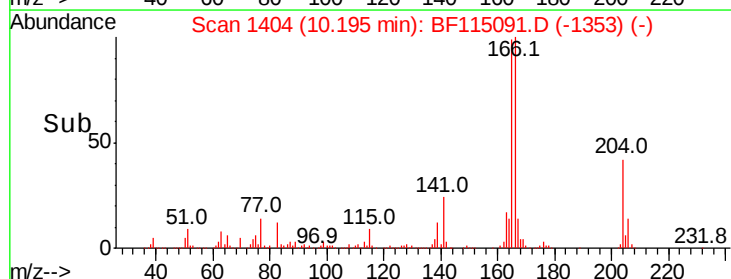
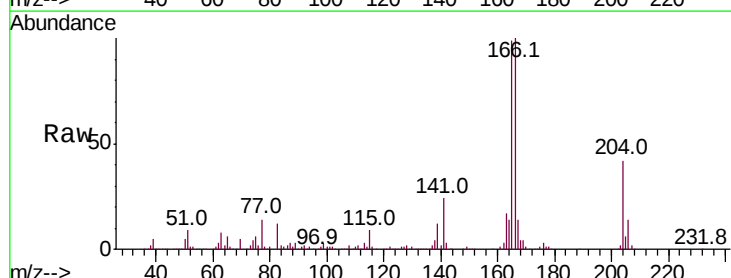
Instrument :
 BNA_F
 ClientSampleId :

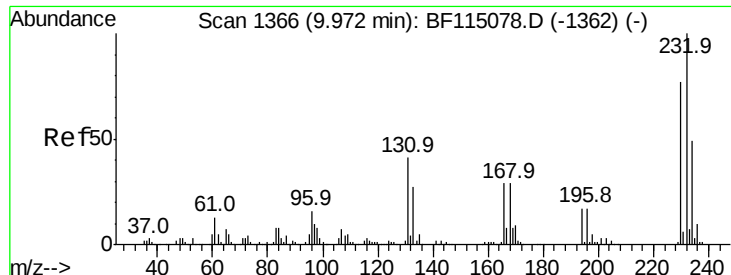
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	27.5	41.3#
89	70.4	49.9	74.9
182	2.7	2.1	3.1



#58
 Fluorene
 Concen: 41.499 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.5	114.7
167	13.8	11.0	16.4

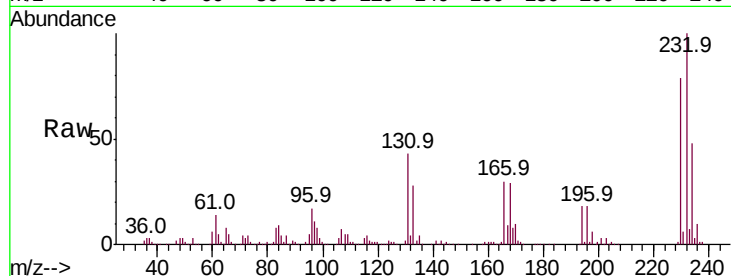




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.521 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.2	1.8	2.6
166	30.4	24.6	36.8



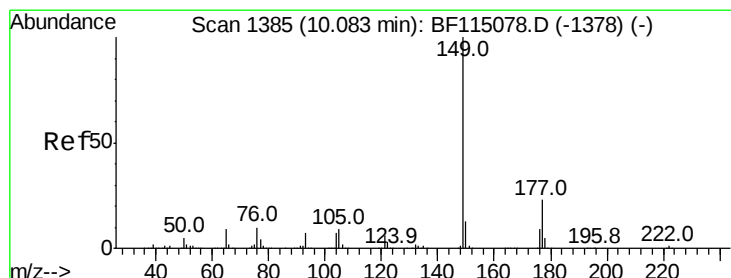
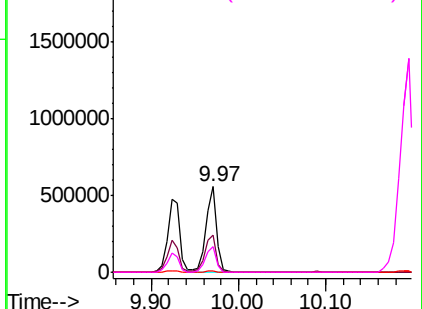
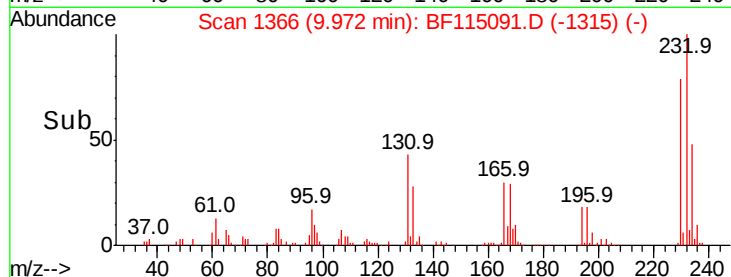
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

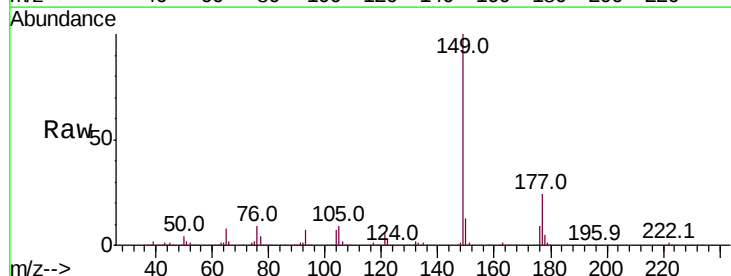
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.461 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.7	28.1
150	13.0	10.4	15.6

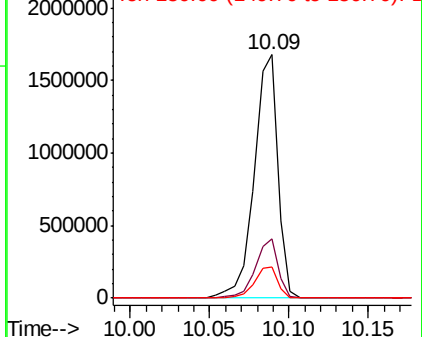
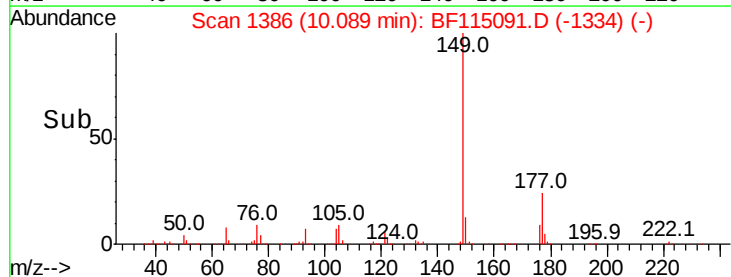


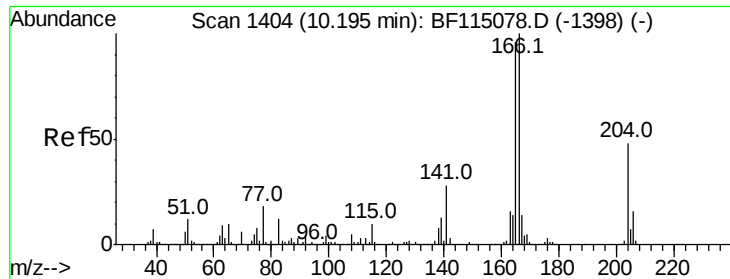
Abundance

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

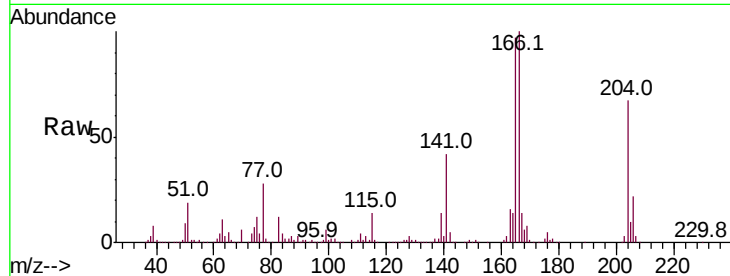




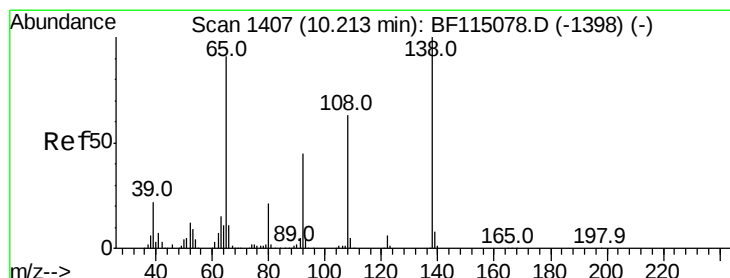
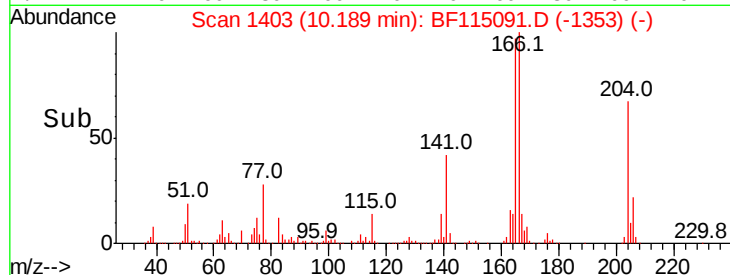
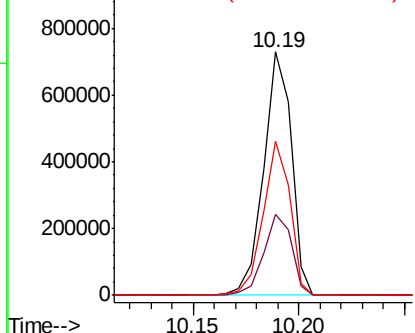
#61
4-Chlorophenyl-phenylether
Concen: 42.675 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 669894
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 63.1 46.7 70.1

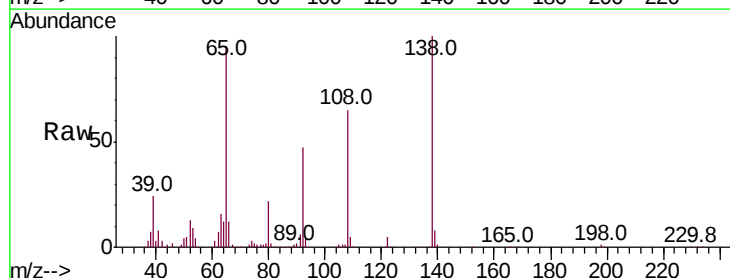


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

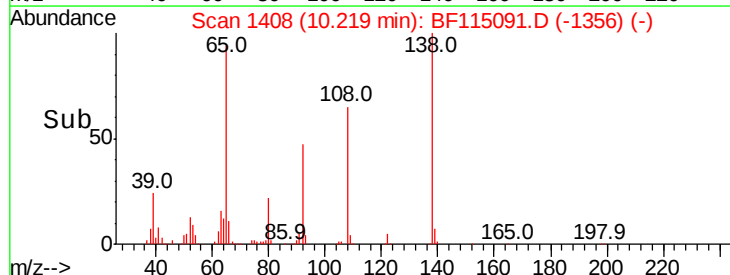
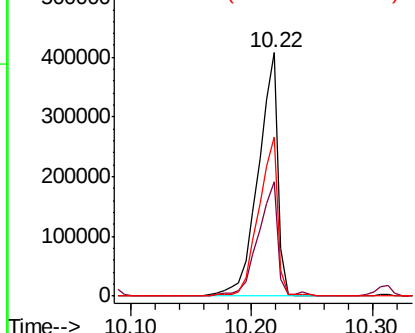


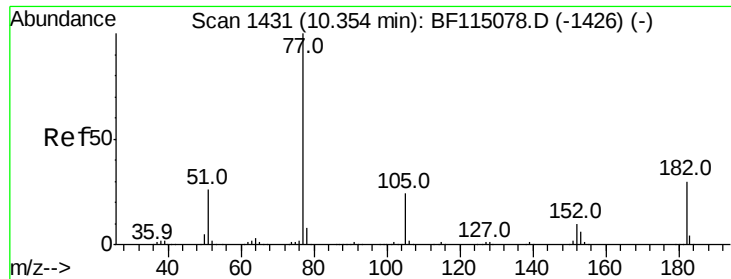
#62
4-Nitroaniline
Concen: 40.950 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:138 Resp: 461368
Ion Ratio Lower Upper
138 100
92 46.8 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

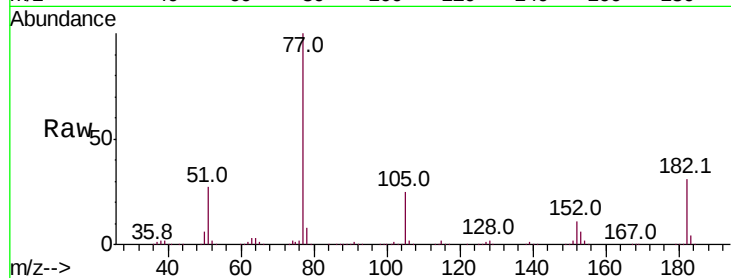




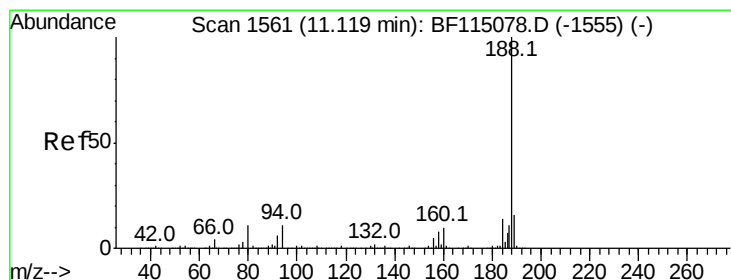
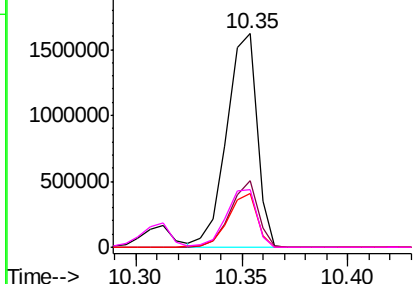
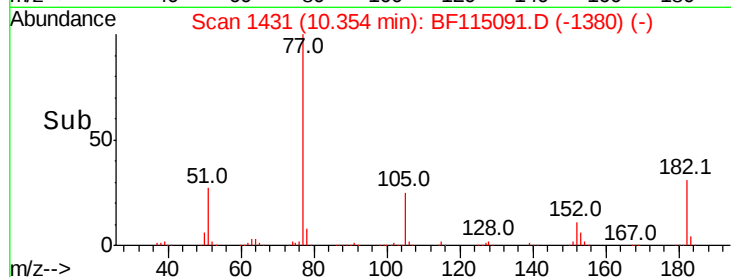
#63
Azobenzene
Concen: 42.879 ng
RT: 10.35 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1604850
Ion Ratio Lower Upper
77 100
182 30.9 10.1 50.1
105 25.0 4.5 44.5
51 26.7 6.4 46.4

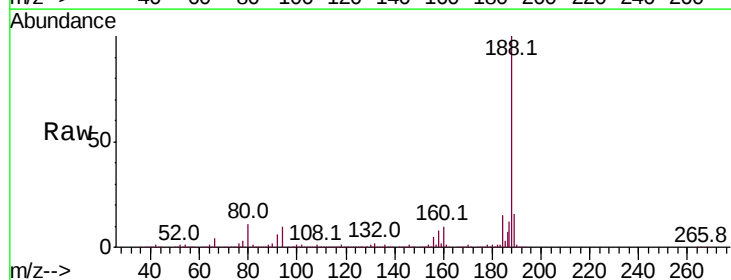


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

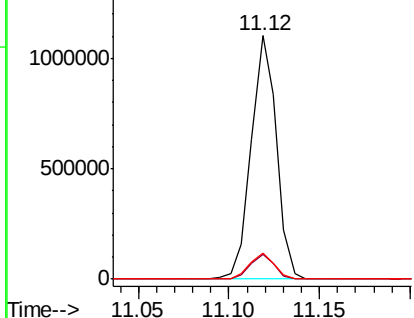
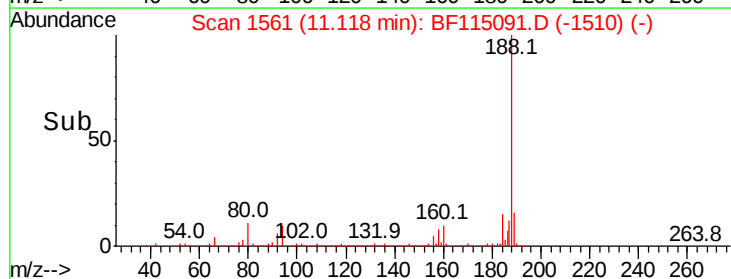


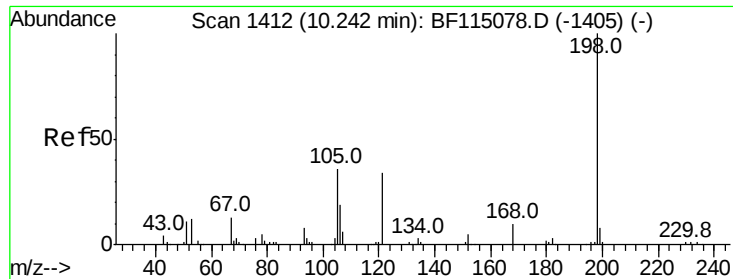
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion: 188 Resp: 1063063
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.9 8.8 13.2



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

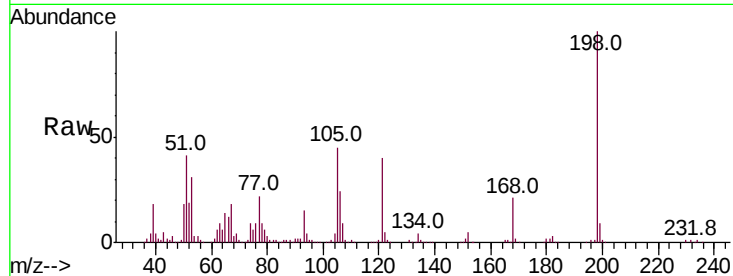




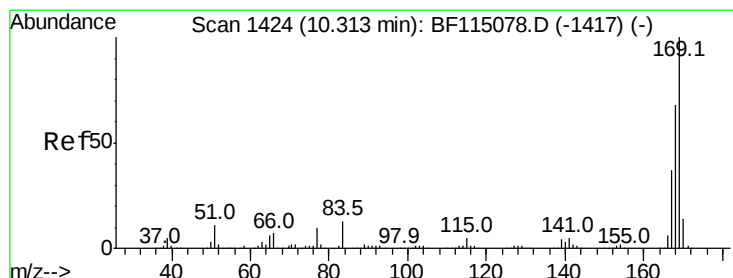
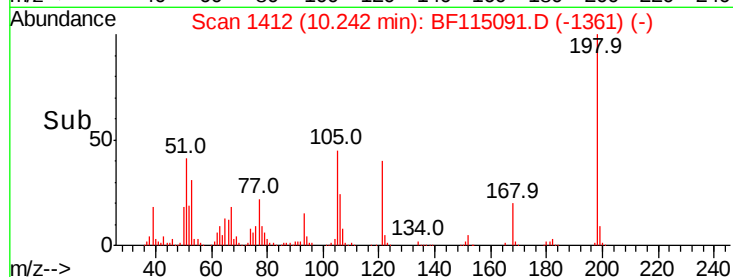
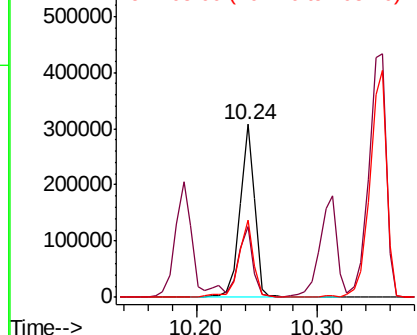
#65
4,6-Dinitro-2-methylphenol
Concen: 46.351 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 261107
Ion Ratio Lower Upper
198 100
51 41.3 11.0 51.0
105 44.7 17.3 57.3

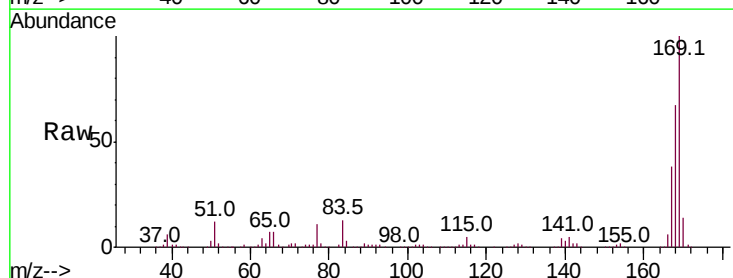


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

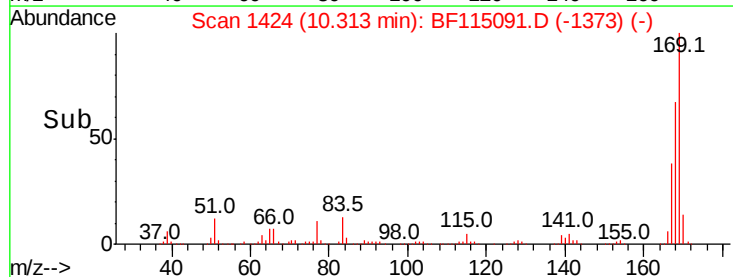
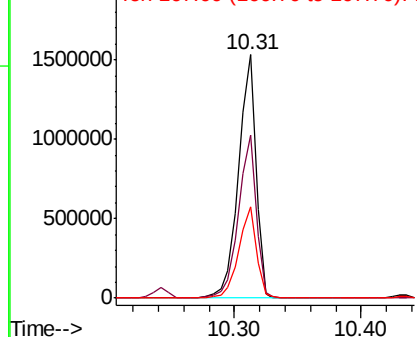


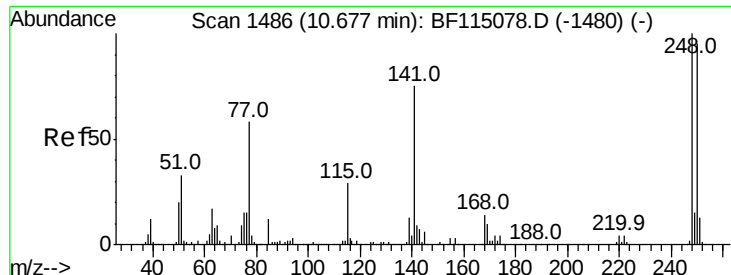
#66
n-Nitrosodiphenylamine
Concen: 43.641 ng
RT: 10.31 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:169 Resp: 1445358
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.4
167 37.6 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

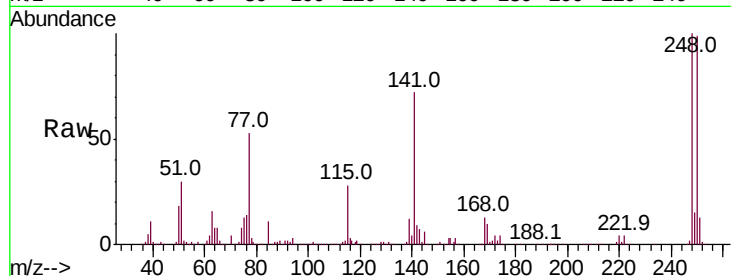




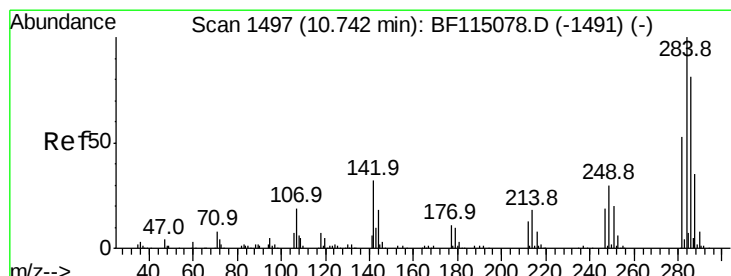
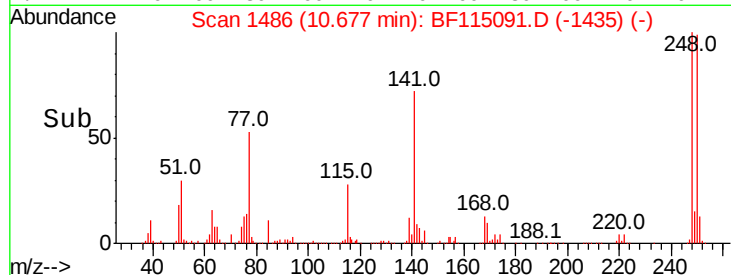
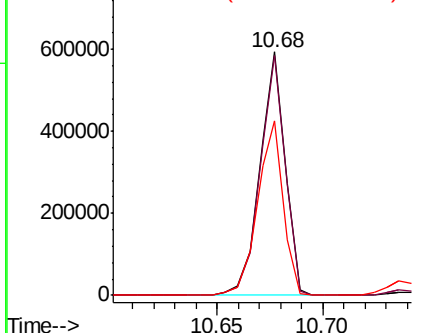
#67
 4-Bromophenyl-phenylether
 Concen: 42.766 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	248	Resp:	492915
Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.2	114.2
141	71.7	59.6	89.4

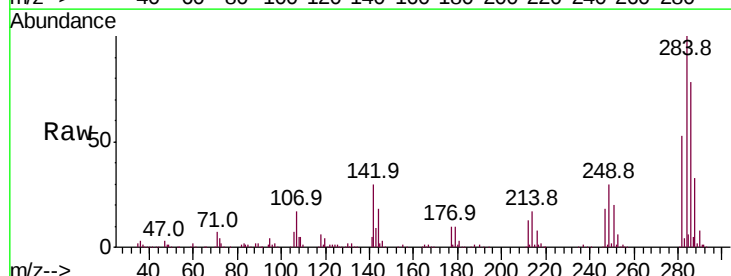


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

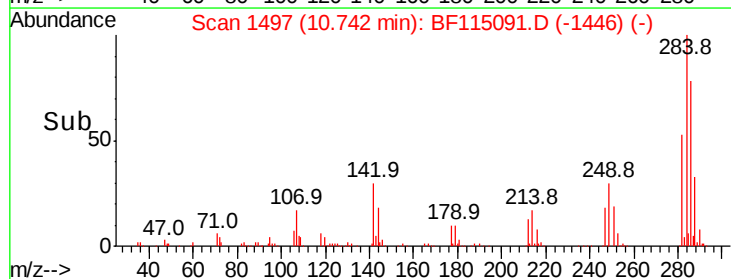
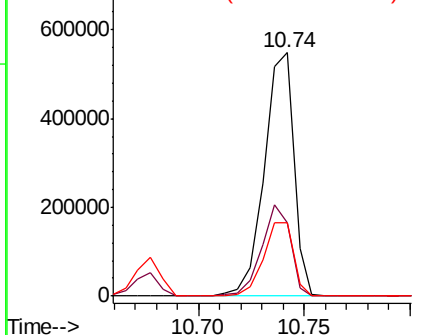


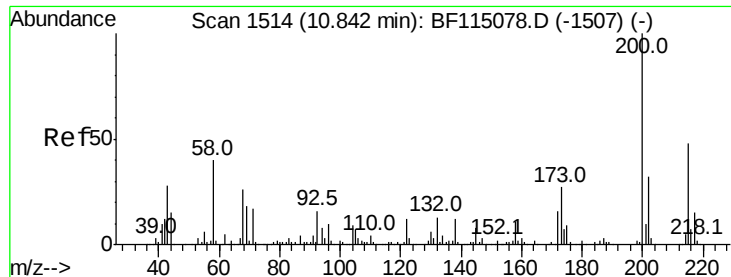
#68
 Hexachlorobenzene
 Concen: 42.827 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:	284	Resp:	535787
Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.8	38.8
249	30.3	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

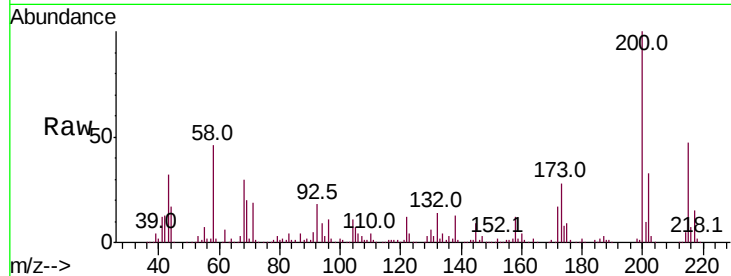




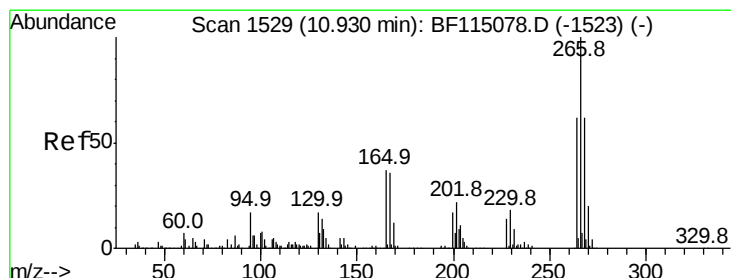
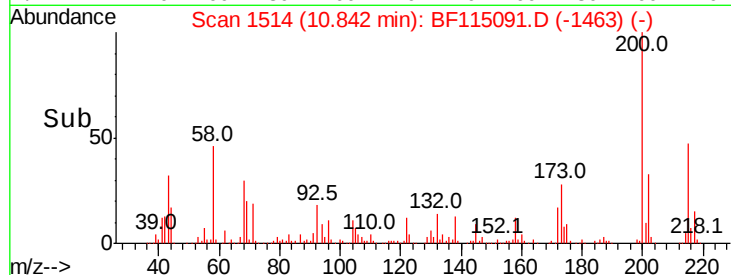
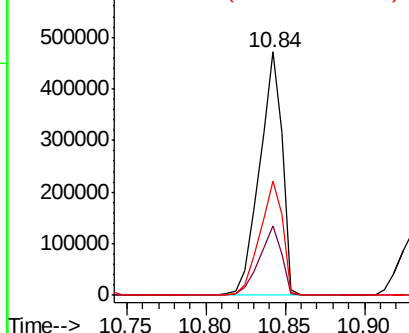
#69
Atrazine
Concen: 44.444 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 473501
Ion Ratio Lower Upper
200 100
173 28.5 7.4 47.4
215 47.2 27.8 67.8

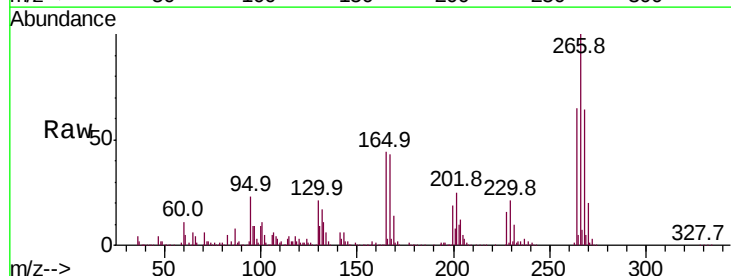


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

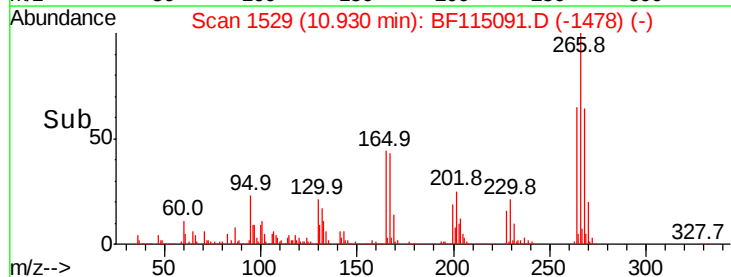
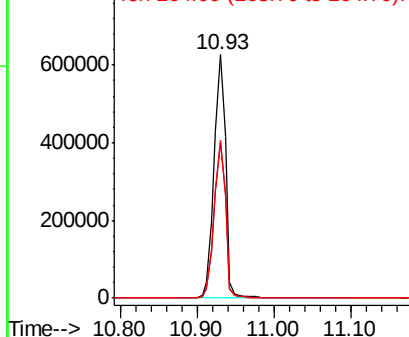


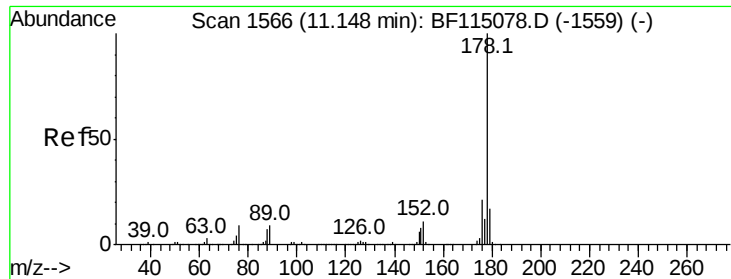
#70
Pentachlorophenol
Concen: 80.116 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:266 Resp: 638533
Ion Ratio Lower Upper
266 100
268 63.8 49.5 74.3
264 64.9 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

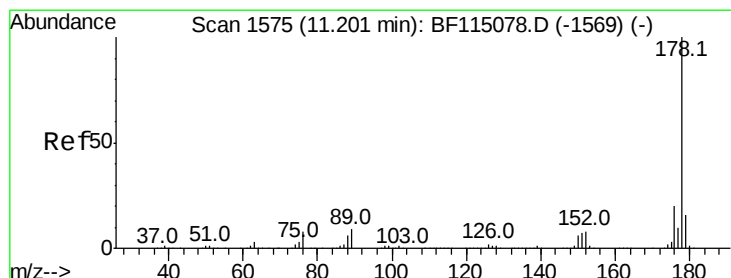
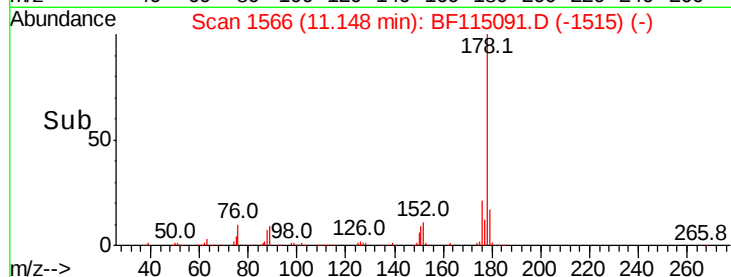
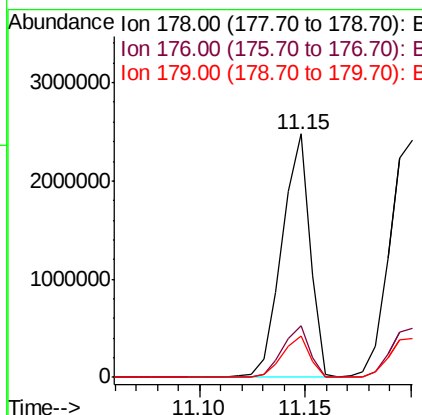
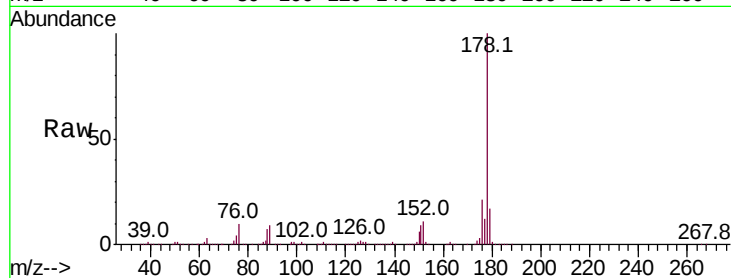




#71
Phenanthrene
Concen: 40.296 ng
RT: 11.15 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

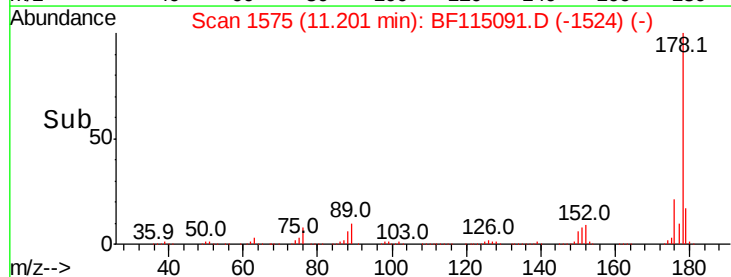
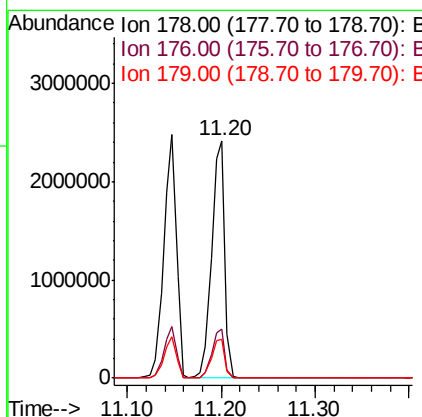
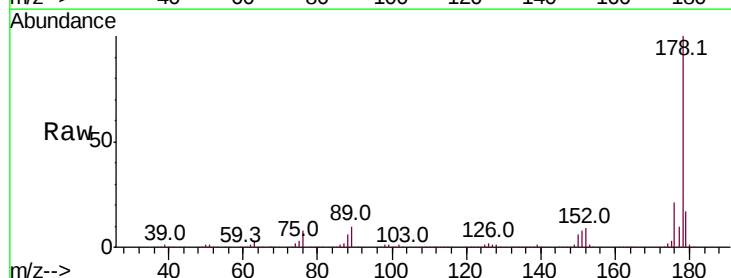
Instrument :
BNA_F
ClientSampleId :

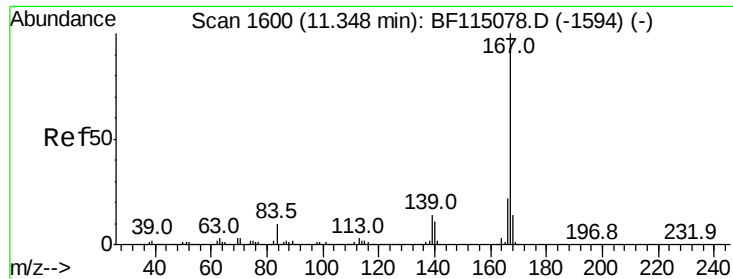
Tot Ion:178 Resp: 2306433
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 17.0 13.2 19.8



#72
Anthracene
Concen: 41.015 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:178 Resp: 2369699
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 16.6 12.9 19.3

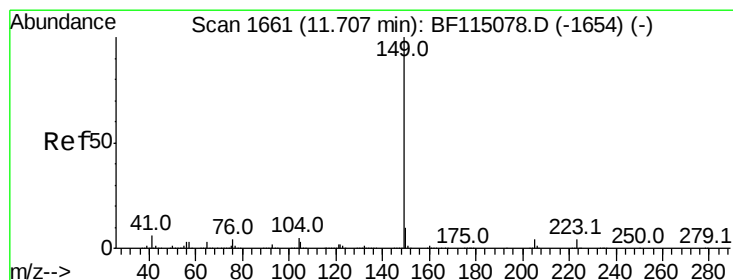
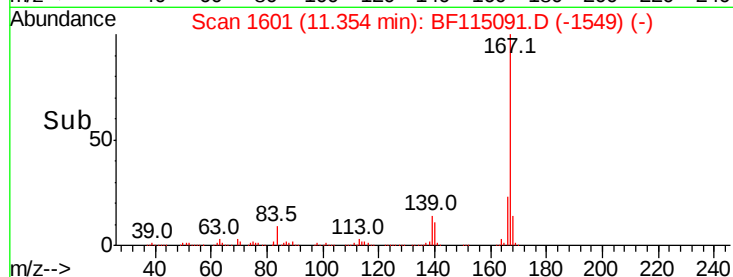
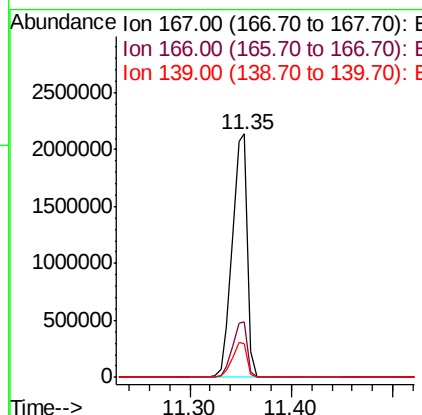
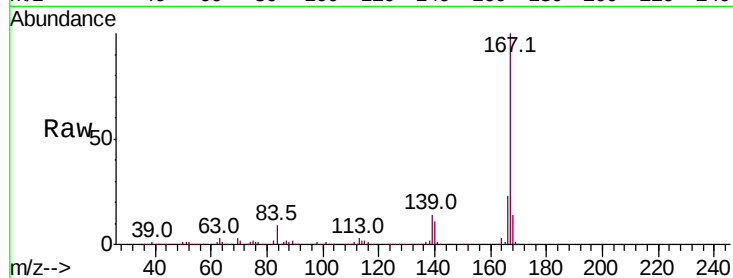




#73
 Carbazole
 Concen: 42.681 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

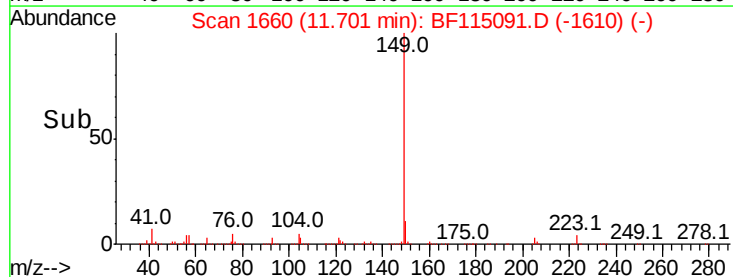
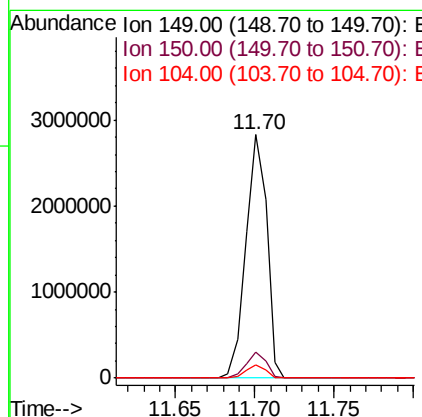
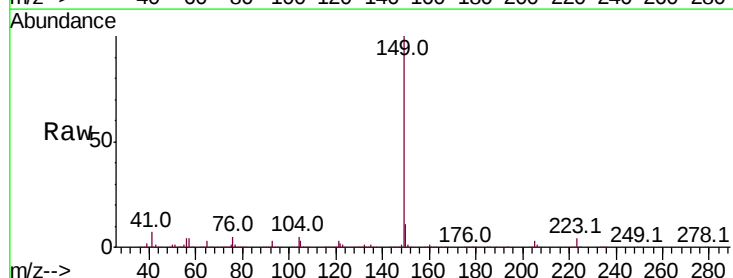
Instrument :
 BNA_F
 ClientSampleId :

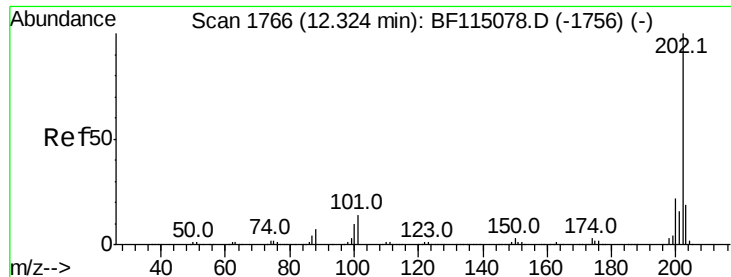
Tot Ion:167 Resp: 2202009
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 43.295 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:149 Resp: 2581189
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.8 11.8
 104 5.2 3.7 5.5



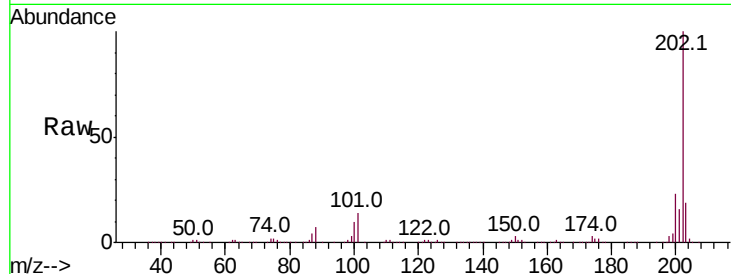


#75
 Fluoranthene
 Concen: 43.112 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

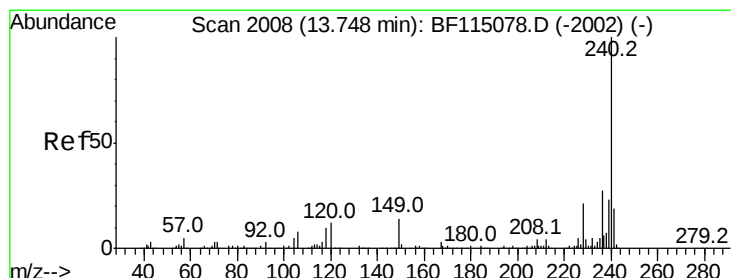
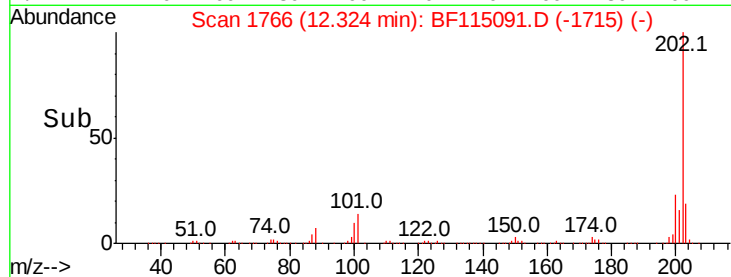
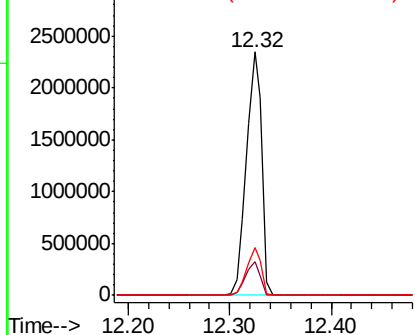
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2462045

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.0
203	19.4	0.0	38.8



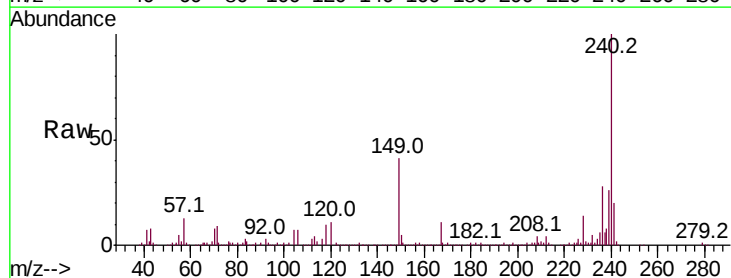
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



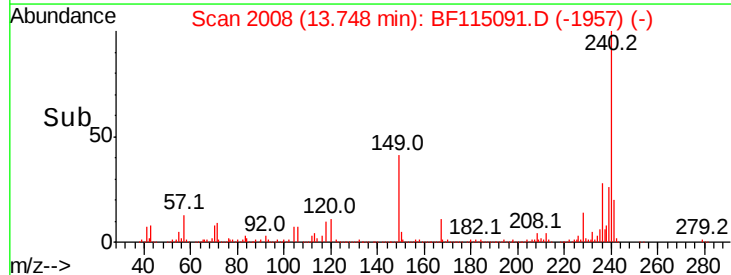
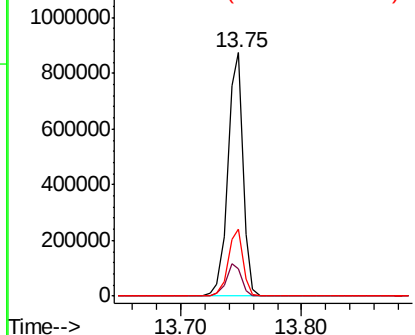
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

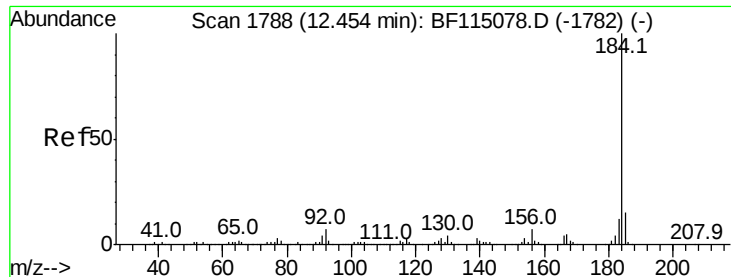
Tgt Ion:240 Resp: 760419

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.2
236	27.5	21.7	32.5



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





#77

Benzidine

Concen: 15.815 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

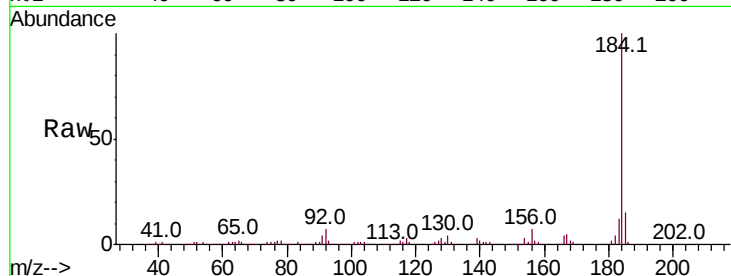
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 533990

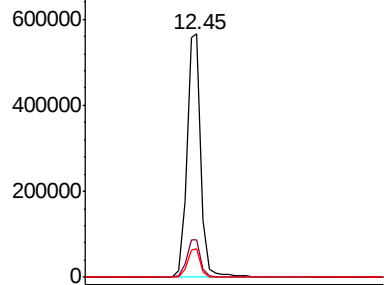
Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.6	9.6	14.4



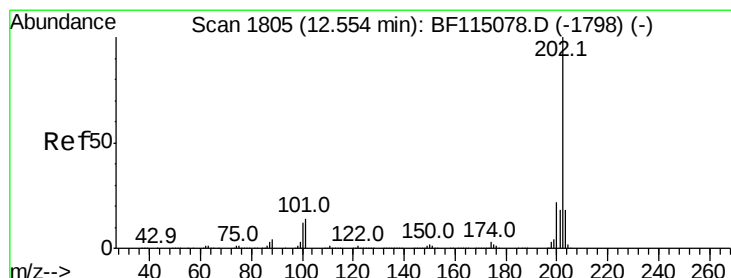
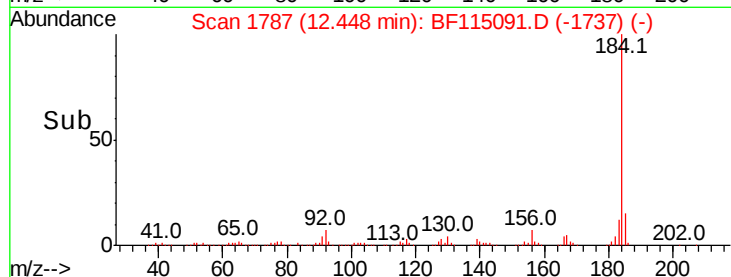
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 42.157 ng

RT: 12.55 min Scan# 1805

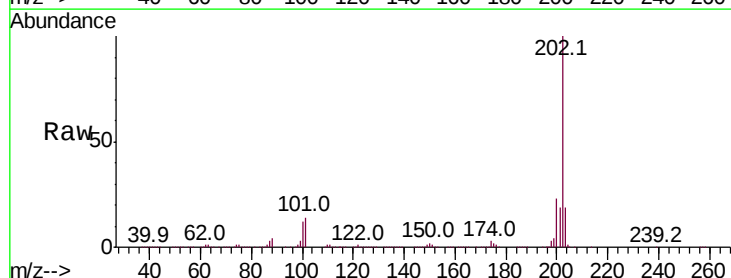
Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:202 Resp: 2463610

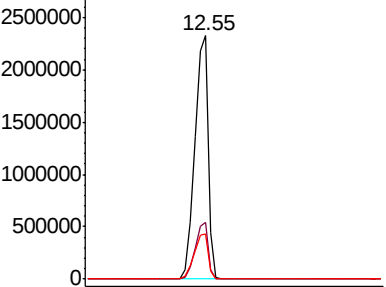
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.9	26.9
203	18.8	14.6	21.8



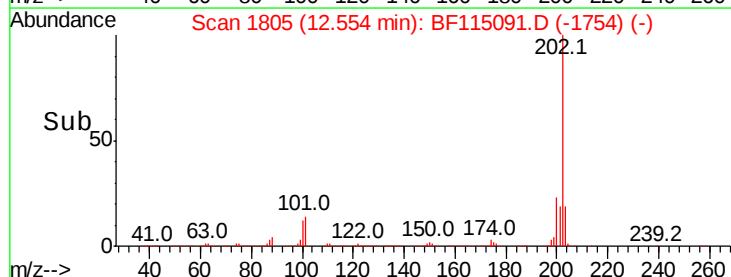
Abundance Ion 202.00 (201.70 to 202.70): E

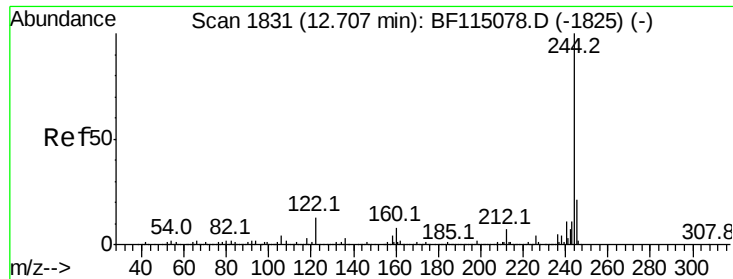
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

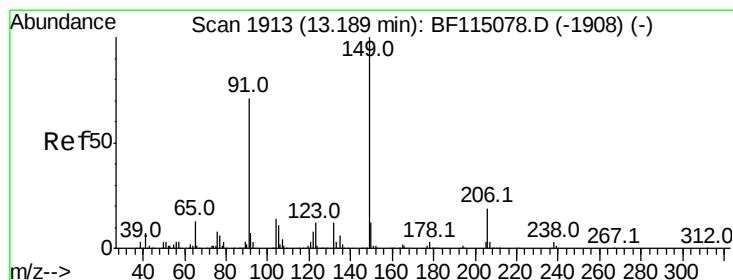
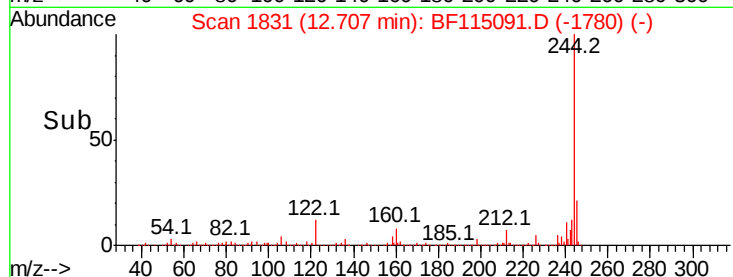
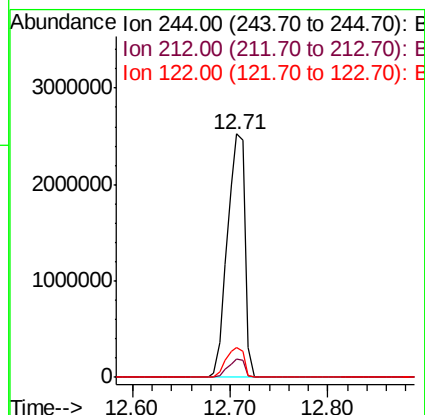
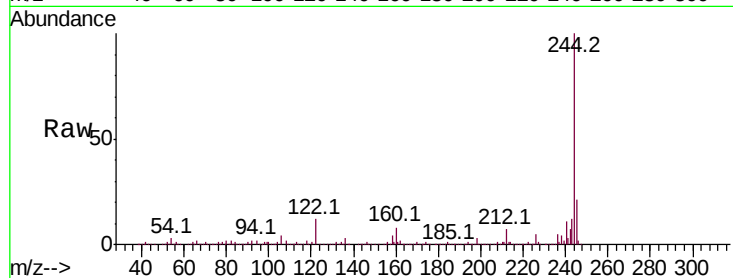




#79
 Terphenyl-d14
 Concen: 87.951 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

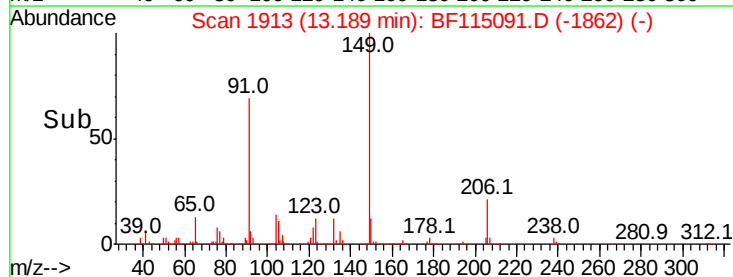
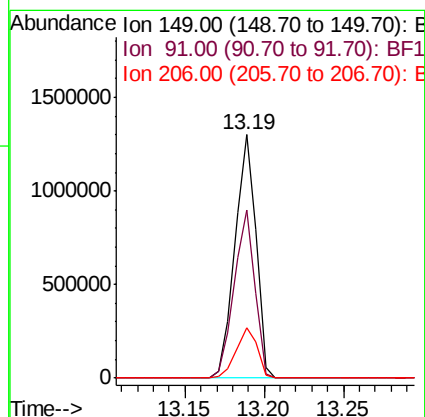
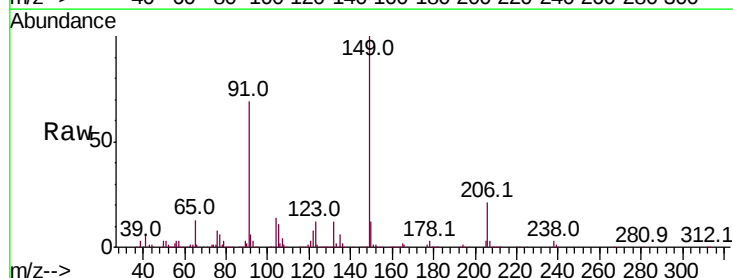
Instrument :
 BNA_F
 ClientSampleId :

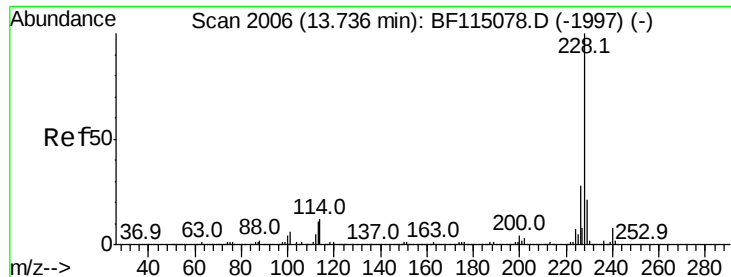
Tot Ion:244 Resp: 3145563
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.5 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 46.404 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:149 Resp: 1196734
 Ion Ratio Lower Upper
 149 100
 91 69.1 56.5 84.7
 206 20.7 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.085 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

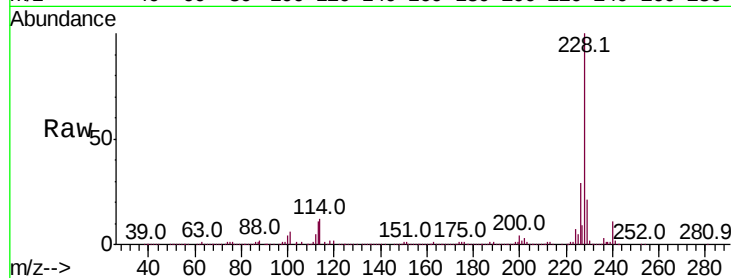
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 2296287

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.1	16.6	24.8

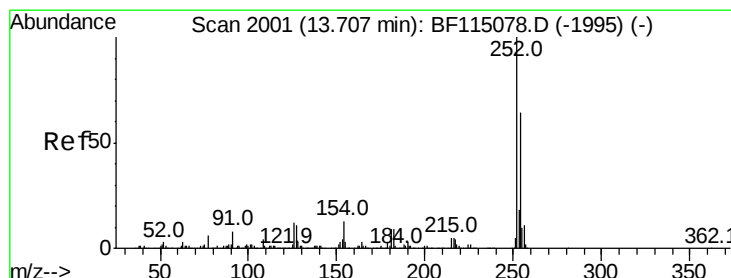
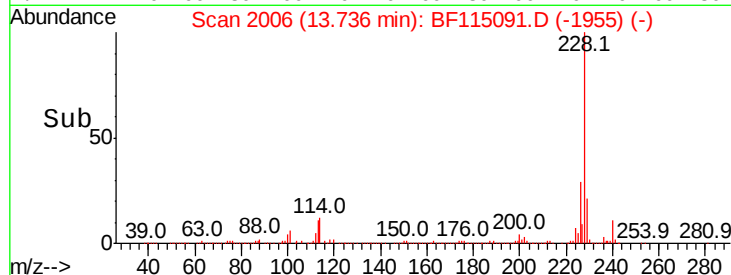
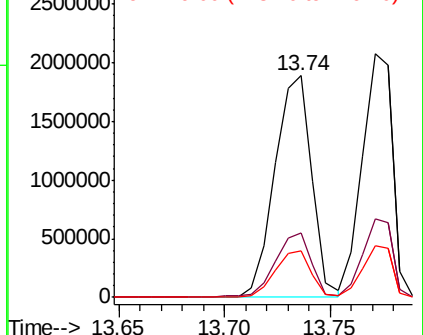


Abundance

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: 28.754 ng

RT: 13.70 min Scan# 2000

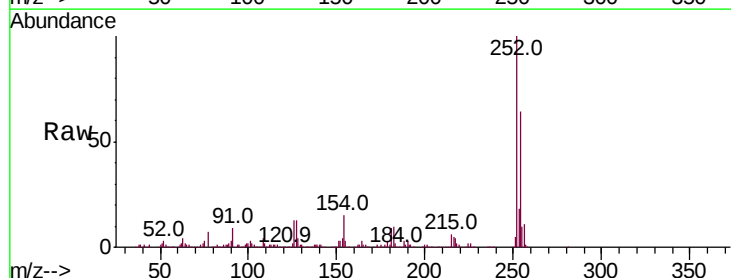
Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:252 Resp: 566550

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.1	76.7
126	13.4	9.4	14.0

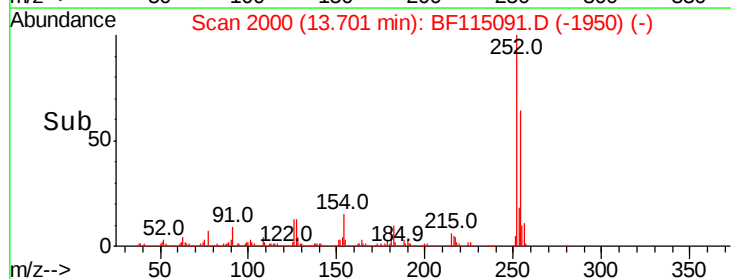
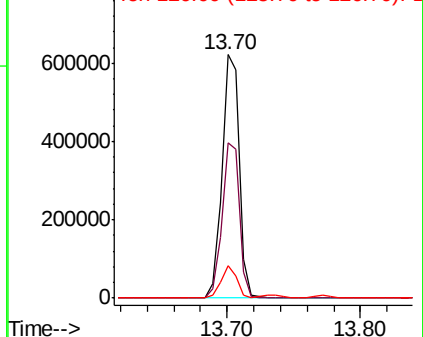


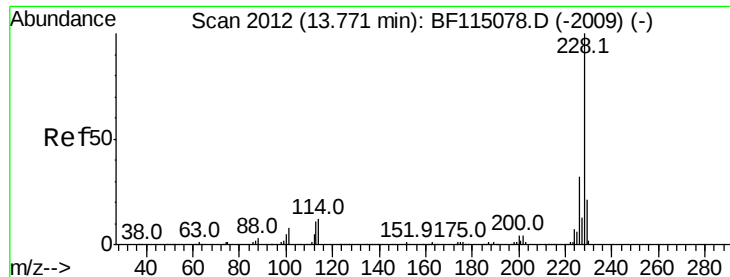
Abundance

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: 41.706 ng

RT: 13.77 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

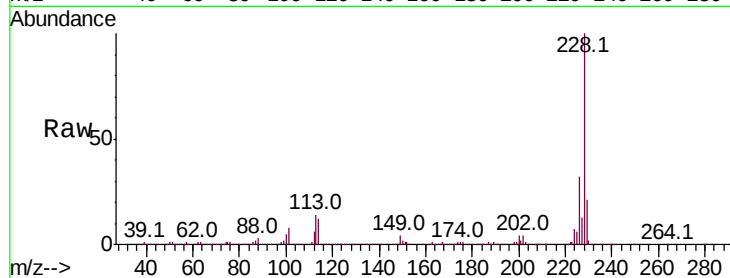
Tot Ion:228 Resp: 2084494

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

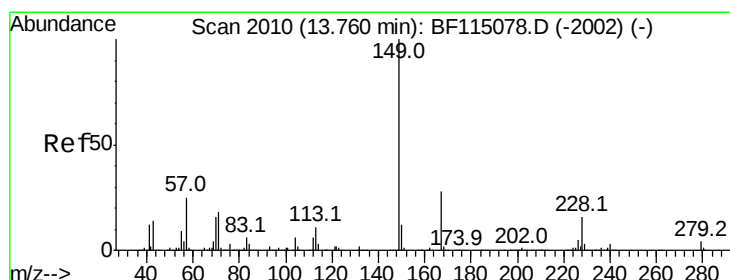
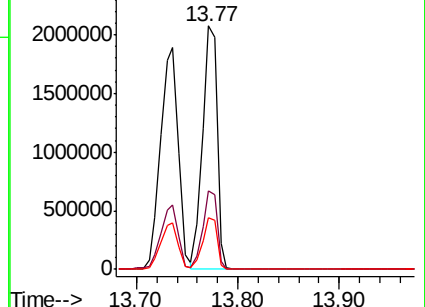
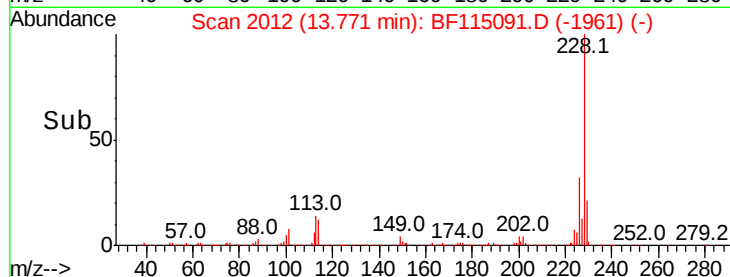
229 21.1 16.5 24.7



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: 45.488 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

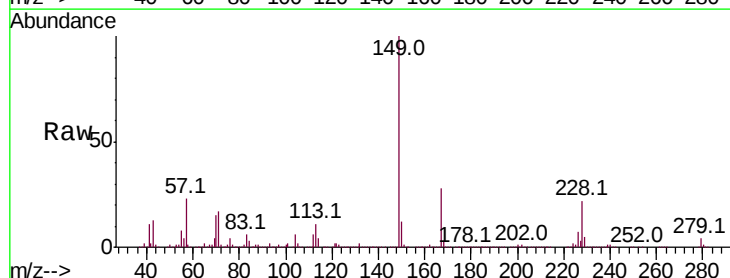
Tgt Ion:149 Resp: 1537159

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

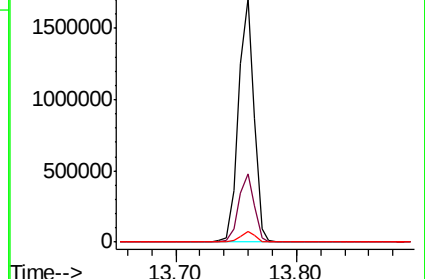
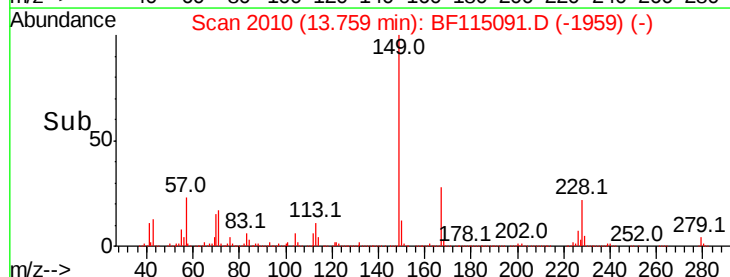
279 4.3 2.9 4.3#

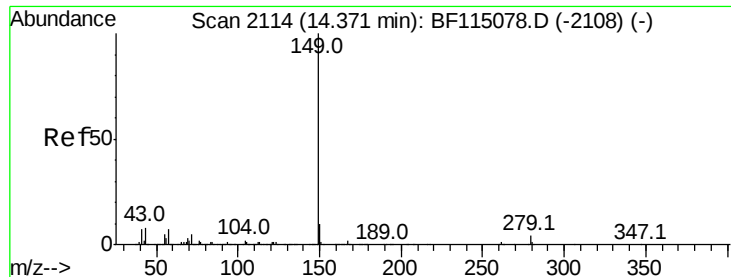


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

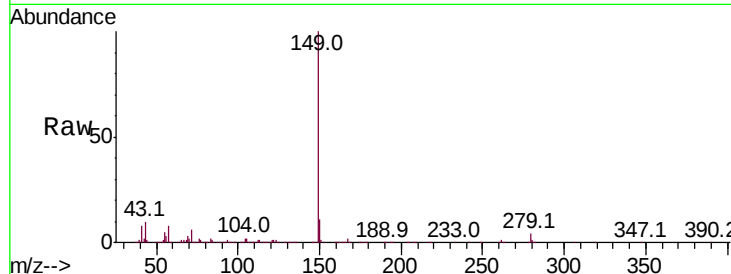




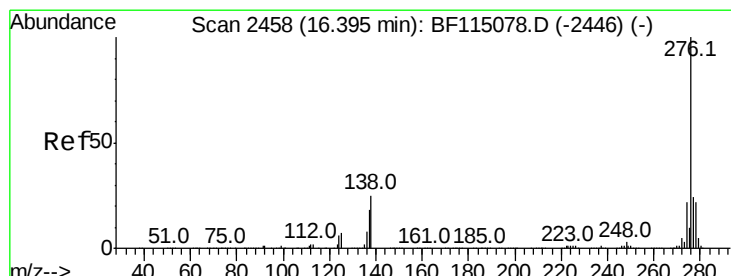
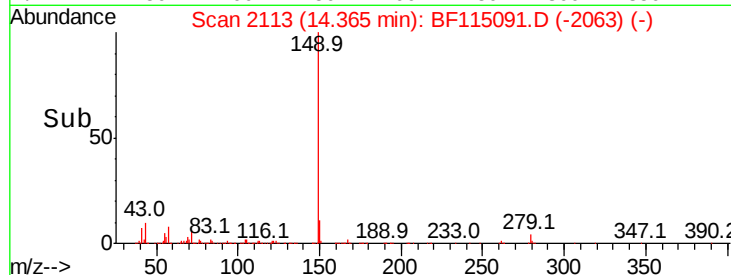
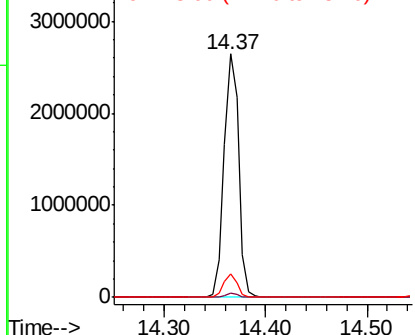
#85
Di-n-octyl phthalate
Concen: 46.533 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2642003
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.0 10.6

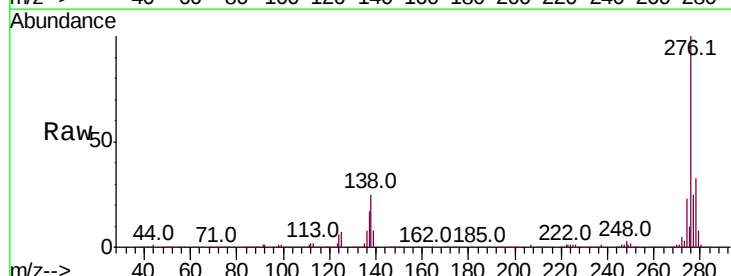


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

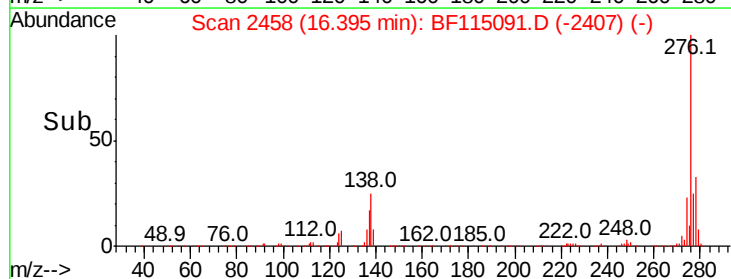
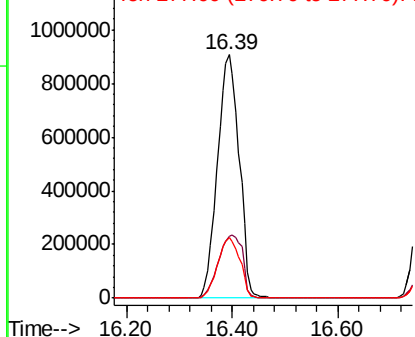


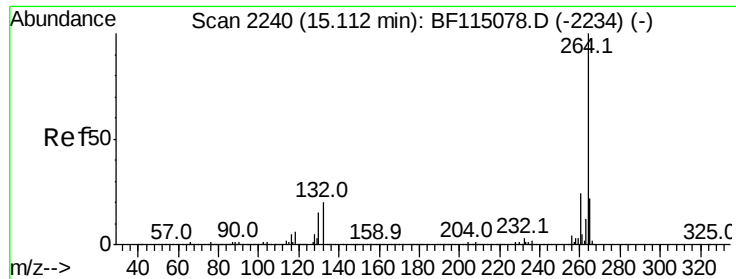
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.814 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:276 Resp: 2591249
Ion Ratio Lower Upper
276 100
138 29.0 23.2 34.8
277 25.6 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

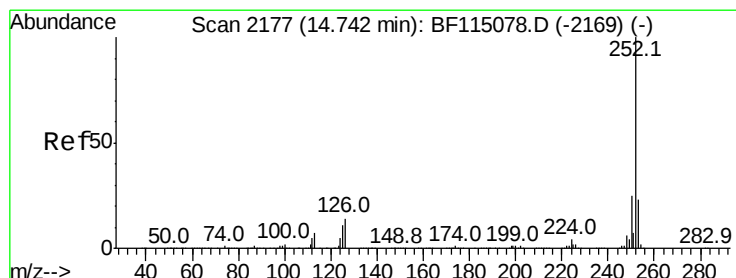
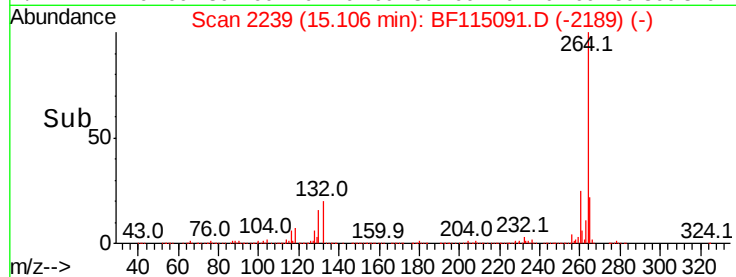
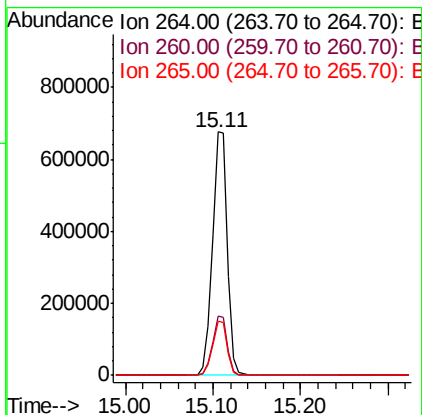
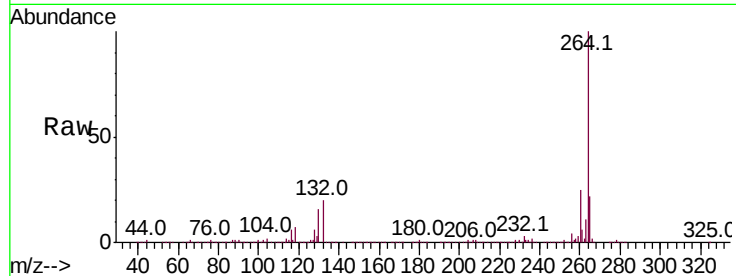




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

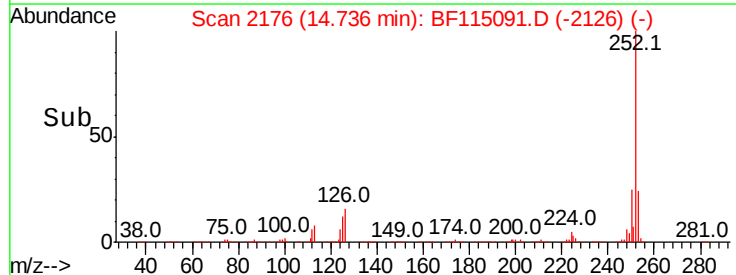
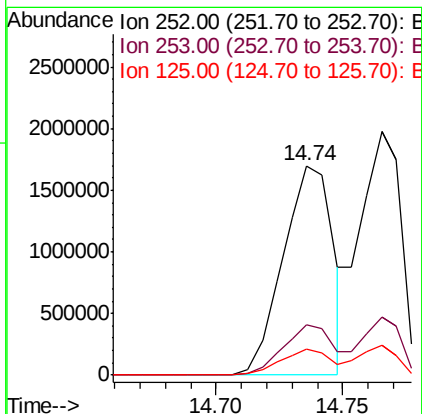
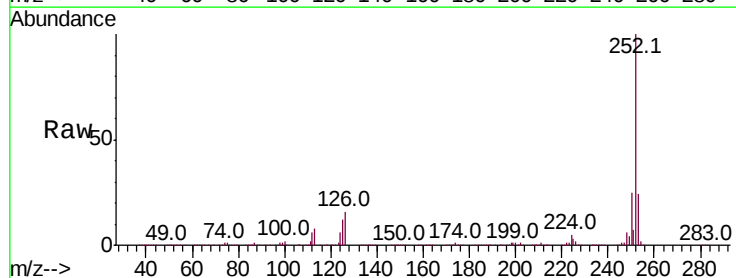
Instrument :
BNA_F
ClientSampleId :

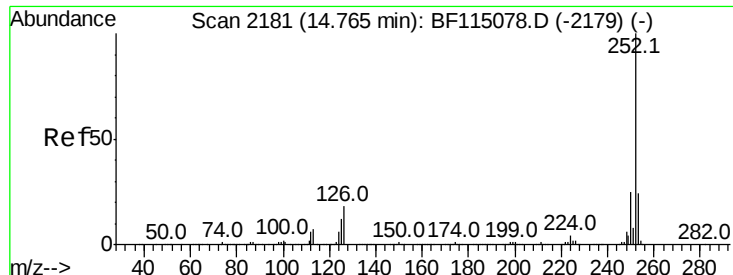
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.1	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 46.823 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.2	8.7	13.1

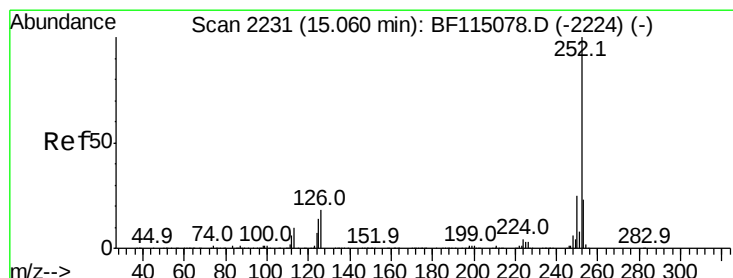
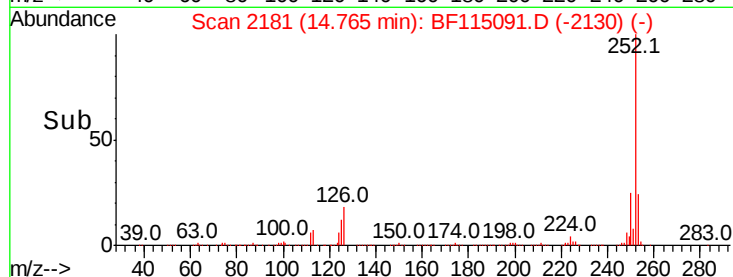
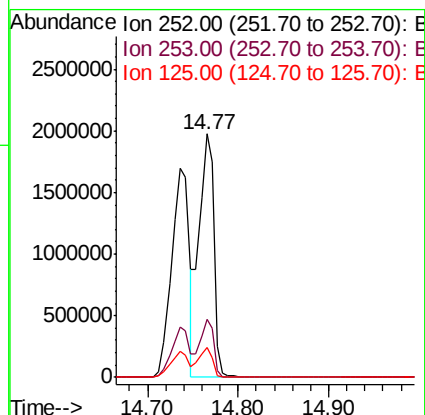
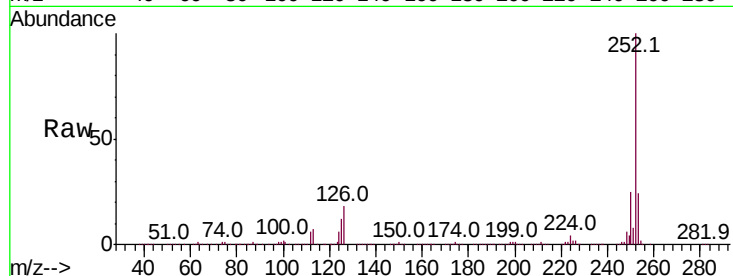




#89
Benzo(k)fluoranthene
Concen: 50.765 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

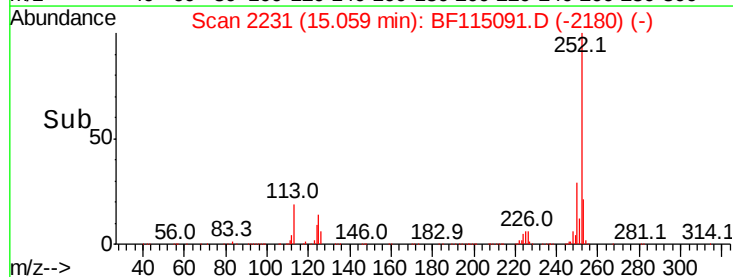
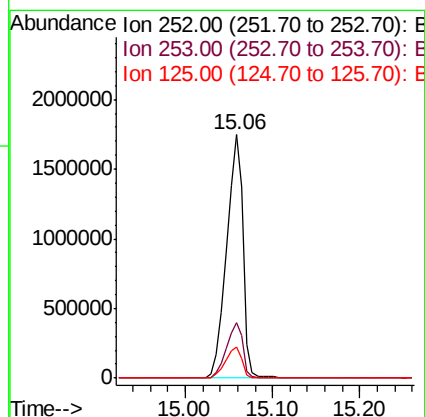
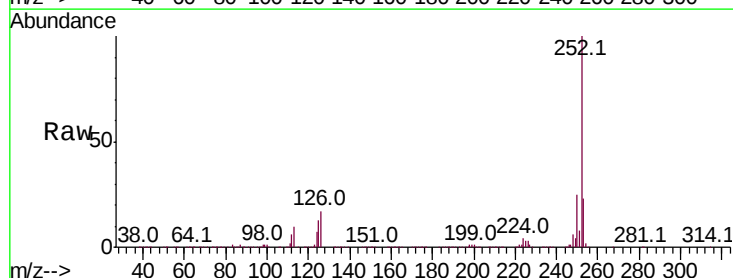
Instrument :
BNA_F
ClientSampled :

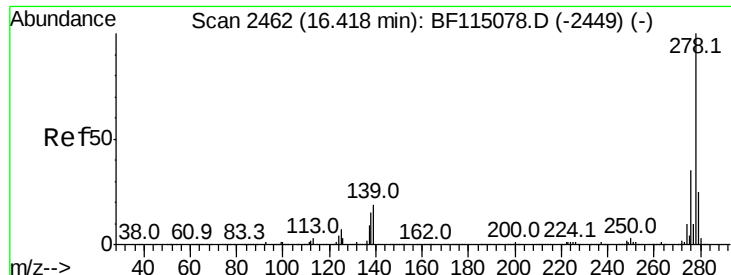
Tot Ion:252 Resp: 2259886
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 12.4 10.2 15.2



#90
Benzo(a)pyrene
Concen: 50.757 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:252 Resp: 2270970
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 13.0 10.9 16.3

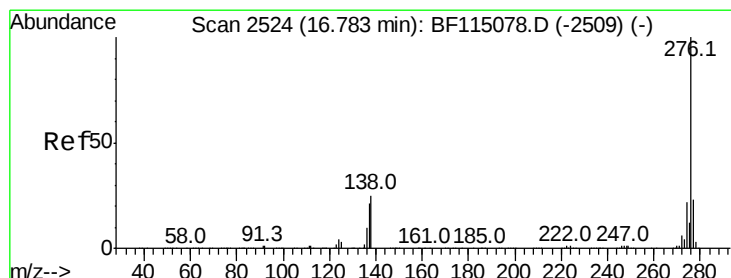
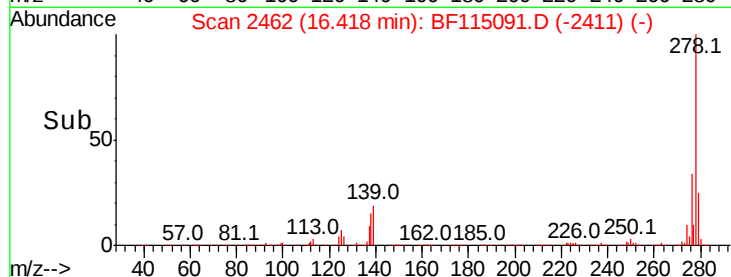
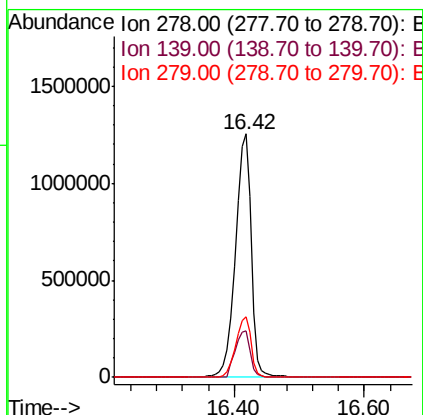
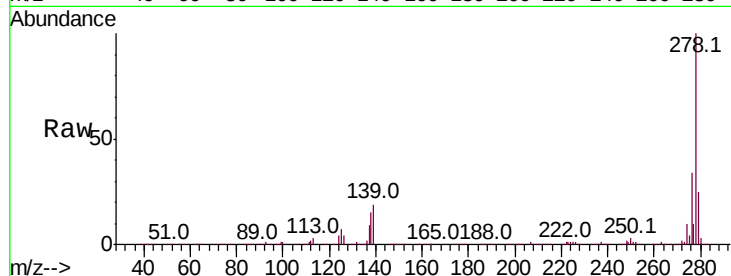




#91
Dibenzo(a,h)anthracene
Concen: 50.682 ng
RT: 16.42 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2116966
Ion Ratio Lower Upper
278 100
139 19.2 15.4 23.2
279 24.9 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 51.195 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:276 Resp: 2164274
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 25.2 19.8 29.6

