

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115099.D
 Acq On : 22 Jun 2019 00:57
 Operator : HP/JU
 Sample : PB120777BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:58:19 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	285723	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1131546	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	568777	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1123683	20.00	ng	0.00
76) Chrysene-d12	13.74	240	782271	20.00	ng	0.00
87) Perylene-d12	15.11	264	820194	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2202915	118.98	ng	0.02
7) Phenol-d6	6.27	99	2710595	120.62	ng	0.01
23) Nitrobenzene-d5	7.18	82	1685853	91.65	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	780129	130.07	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3054525	91.22	ng	0.00
79) Terphenyl-d14	12.71	244	3267862	88.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	292603	33.485	ng	99
3) Pyridine	2.94	79	846133	34.355	ng	99
4) n-Nitrosodimethylamine	2.89	42	373923	38.728	ng	99
6) Aniline	6.28	93	704439	22.808	ng	# 4
8) 2-Chlorophenol	6.40	128	842338	40.459	ng	98
9) Benzaldehyde	6.15	77	225326	15.368	ng	98
10) Phenol	6.27	94	986016	37.456	ng	94
11) bis(2-Chloroethyl)ether	6.36	93	769489	39.655	ng	99
12) 1,3-Dichlorobenzene	6.55	146	895222	38.744	ng	98
13) 1,4-Dichlorobenzene	6.63	146	896413	38.689	ng	99
14) 1,2-Dichlorobenzene	6.79	146	829232	38.647	ng	98
15) Benzyl Alcohol	6.77	79	644596	39.391	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1123029	39.903	ng	99
17) 2-Methylphenol	6.88	107	728106	42.369	ng	98
18) Hexachloroethane	7.13	117	327525	39.210	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	568284	39.498	ng	99
20) 3+4-Methylphenols	7.04	107	825021	41.577	ng	# 88
22) Acetophenone	7.03	105	1134728	43.804	ng	# 98
24) Nitrobenzene	7.20	77	869859	42.924	ng	96
25) Isophorone	7.44	82	1641965	43.574	ng	99
26) 2-Nitrophenol	7.51	139	472102	47.174	ng	97
27) 2,4-Dimethylphenol	7.57	122	800101	48.830	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	1020917	42.866	ng	99
29) 2,4-Dichlorophenol	7.75	162	755611	44.685	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	801385	42.905	ng	99
31) Naphthalene	7.92	128	2414226	43.465	ng	100
32) Benzoic acid	7.71	122	622915	53.258	ng	100
33) 4-Chloroaniline	7.97	127	417860	16.461	ng	99
34) Hexachlorobutadiene	8.05	225	428297	41.844	ng	99
35) Caprolactam	8.35	113	136970	24.092	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	767319	44.807	ng	99
37) 2-Methylnaphthalene	8.61	142	1671480	44.631	ng	99
38) 1-Methylnaphthalene	8.71	142	1604737	44.865	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	673054	41.876	ng	99

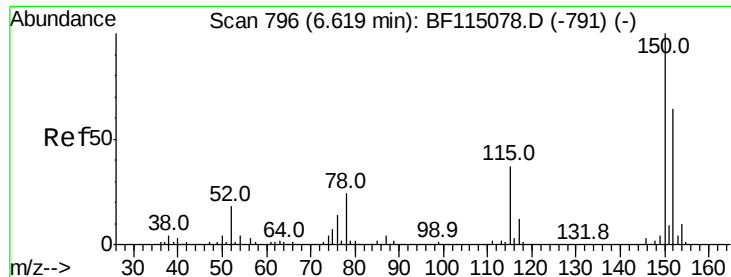
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115099.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	750980	78.797	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	571309	46.041	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	561699	43.956	ng	98
46) 1,1'-Biphenyl	9.08	154	1920620	42.202	ng	98
47) 2-Chloronaphthalene	9.10	162	1554096	42.098	ng	97
48) 2-Nitroaniline	9.19	65	466783	43.371	ng	96
49) Acenaphthylene	9.51	152	2416094	42.007	ng	99
50) Dimethylphthalate	9.39	163	1798521	42.979	ng	99
51) 2,6-Dinitrotoluene	9.44	165	432562	44.774	ng	99
52) Acenaphthene	9.68	154	1670184	46.406	ng	99
53) 3-Nitroaniline	9.60	138	310841	26.366	ng	93
54) 2,4-Dinitrophenol	9.71	184	456803	90.798	ng	95
55) Dibenzofuran	9.85	168	2120435	41.049	ng	98
56) 4-Nitrophenol	9.77	139	805387	85.211	ng	96
57) 2,4-Dinitrotoluene	9.84	165	589458	47.254	ng	# 90
58) Fluorene	10.20	166	1460794	42.041	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	494047	46.108	ng	99
60) Diethylphthalate	10.09	149	1808762	43.000	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	707196	42.962	ng	95
62) 4-Nitroaniline	10.22	138	489752	41.409	ng	99
63) Azobenzene	10.35	77	1693001	43.091	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	276483	46.424	ng	83
66) n-Nitrosodiphenylamine	10.31	169	1519423	43.402	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	522063	42.852	ng	96
68) Hexachlorobenzene	10.74	284	561425	42.455	ng	# 92
69) Atrazine	10.84	200	493160	43.792	ng	99
70) Pentachlorophenol	10.93	266	671767	79.739	ng	98
71) Phenanthrene	11.15	178	2415494	39.925	ng	99
72) Anthracene	11.20	178	2500486	40.944	ng	98
73) Carbazole	11.35	167	2324771	42.629	ng	98
74) Di-n-butylphthalate	11.70	149	2685756	42.619	ng	98
75) Fluoranthene	12.32	202	2564374	42.482	ng	99
77) Benzidine	12.44	184	559005	16.093	ng	98
78) Pyrene	12.55	202	2580082	42.917	ng	98
80) Butylbenzylphthalate	13.19	149	1228686	46.312	ng	96
81) Benzo(a)anthracene	13.73	228	2365418	42.141	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	585450	28.883	ng	98
83) Chrysene	13.77	228	2186844	42.532	ng	98
84) Bis(2-ethylhexyl)phthalate	13.76	149	1581956	45.506	ng	# 98
85) Di-n-octyl phthalate	14.37	149	2690424	46.062	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2719041	44.691	ng	99
88) Benzo(b)fluoranthene	14.74	252	2481048	48.479	ng	98
89) Benzo(k)fluoranthene	14.77	252	2290364	49.904	ng	99
90) Benzo(a)pyrene	15.06	252	2345083	50.839	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	2201124	51.114	ng	100
92) Benzo(g,h,i)perylene	16.78	276	2292657	52.603	ng	99

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

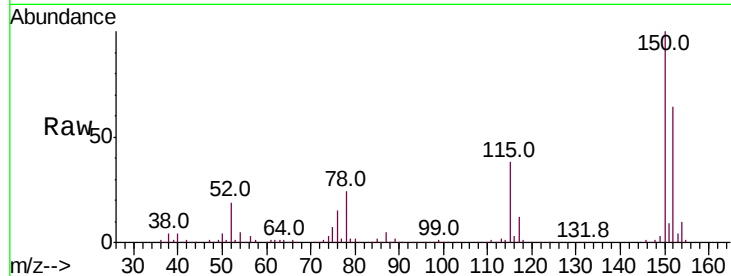


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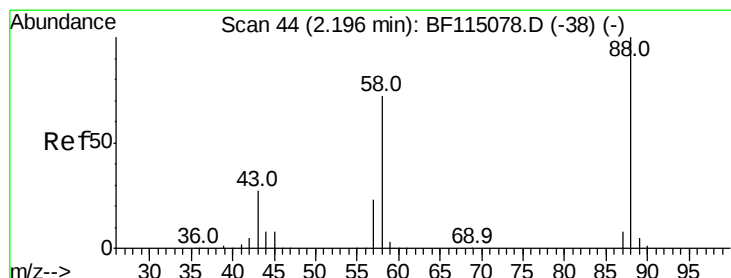
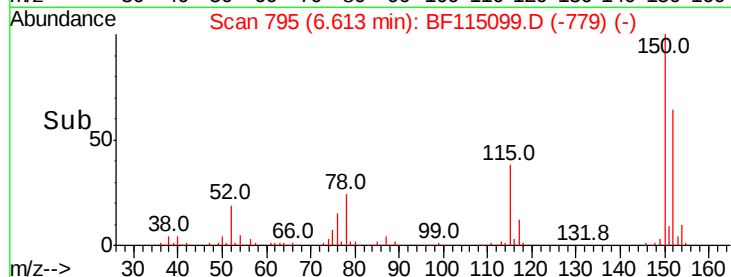
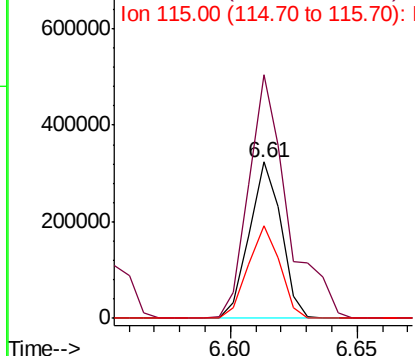
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 285723
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 59.1 46.1 69.1



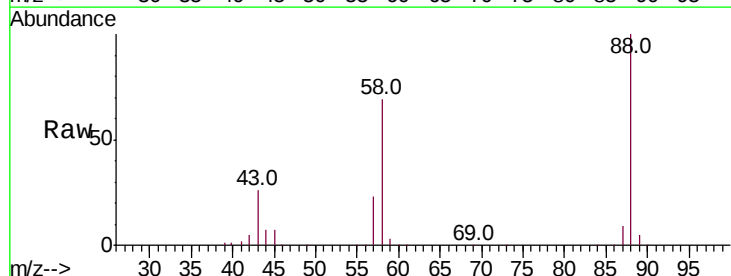
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



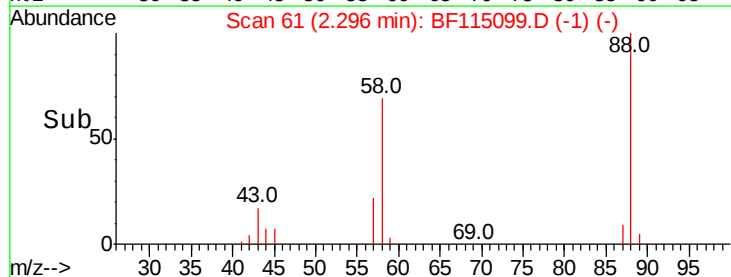
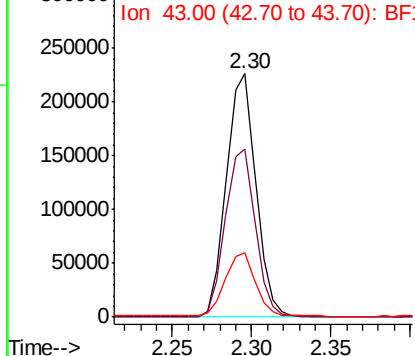
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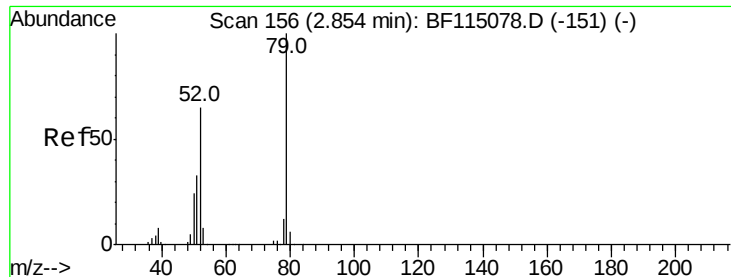
1,4-Dioxane
Concen: 33.485 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion: 88 Resp: 292603
Ion Ratio Lower Upper
88 100
58 70.6 56.1 84.1
43 26.9 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: 34.355 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

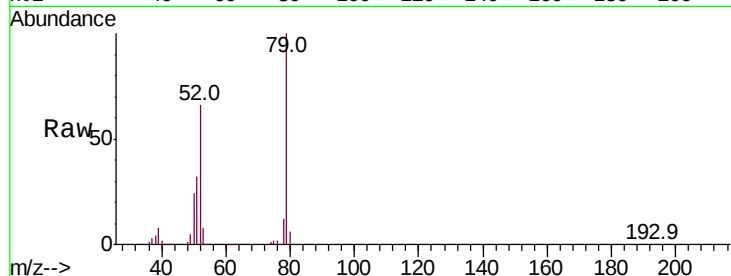
Tot Ion: 79 Resp: 846133

Ion Ratio Lower Upper

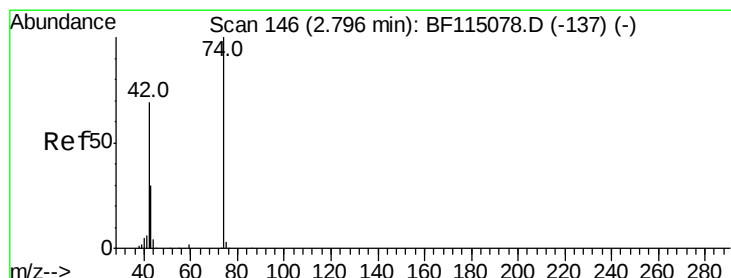
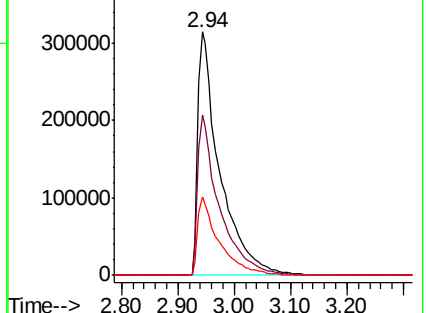
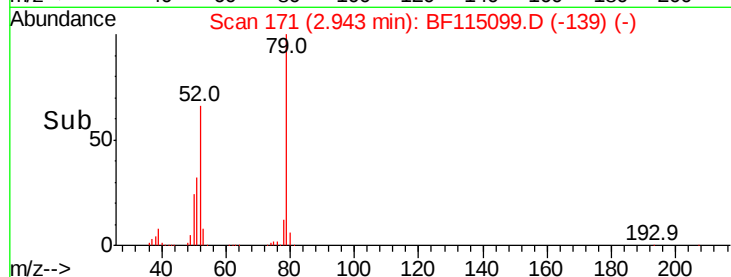
79 100

52 65.7 52.3 78.5

51 32.1 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: 38.728 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

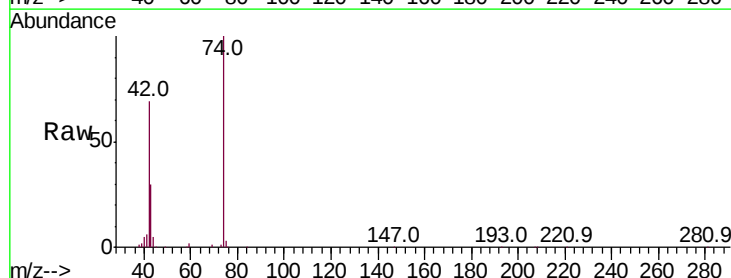
Tgt Ion: 42 Resp: 373923

Ion Ratio Lower Upper

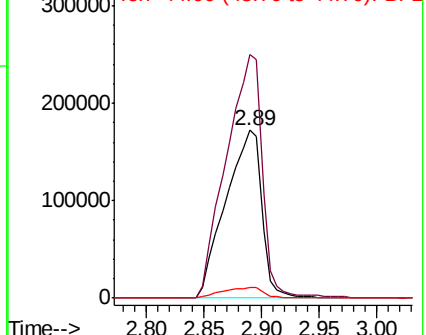
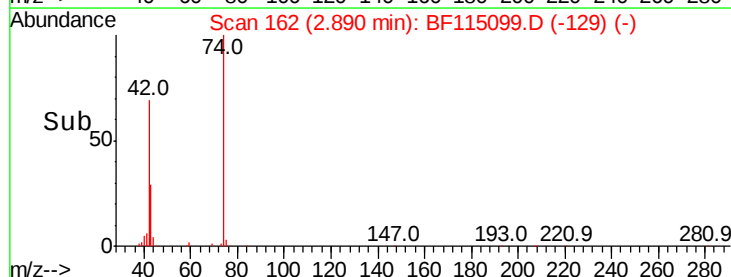
42 100

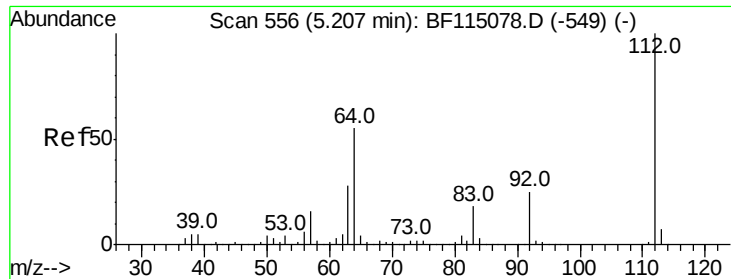
74 145.0 116.6 175.0

44 6.7 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

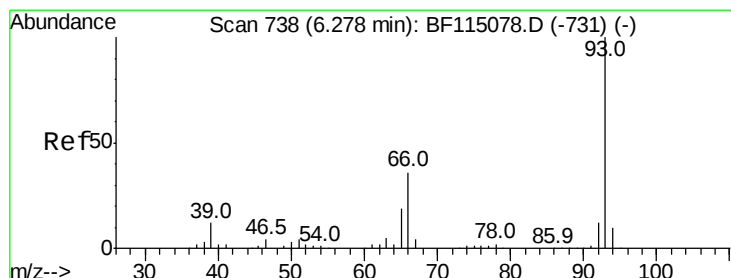
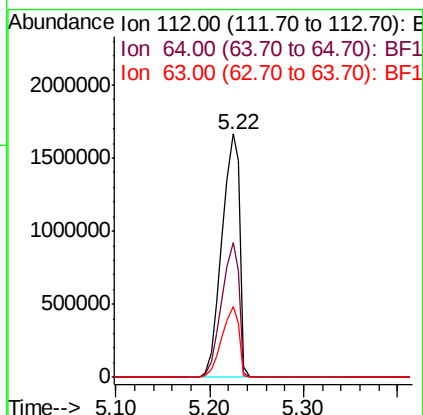
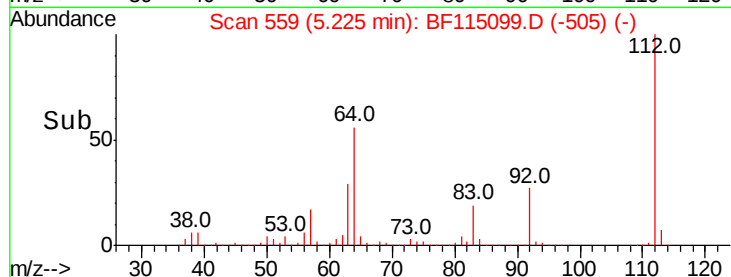
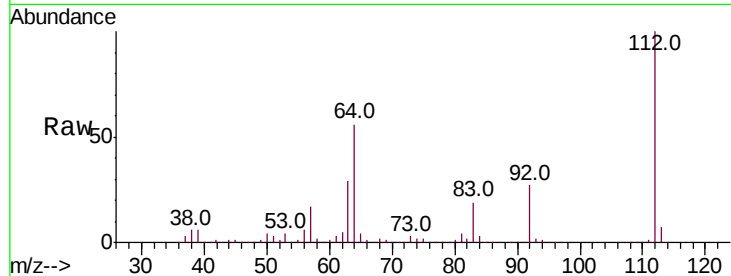




#5
 2-Fluorophenol
 Concen: 118.978 ng
 RT: 5.22 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

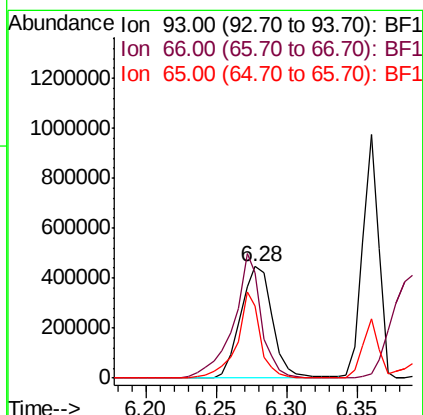
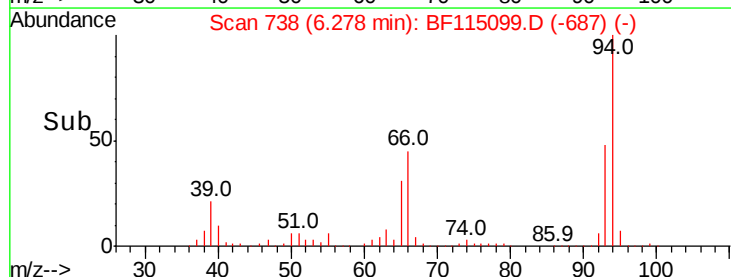
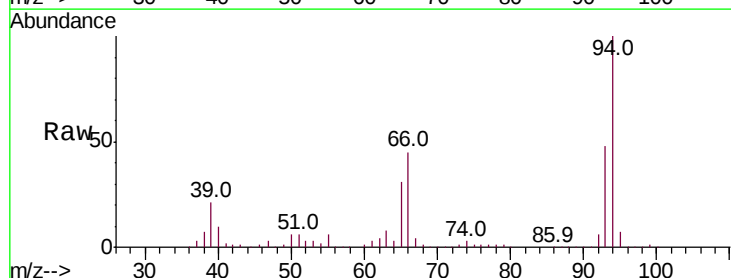
Instrument :
 BNA_F
 ClientSampled :

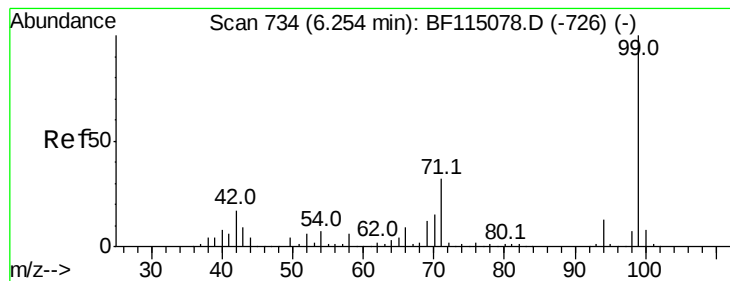
Tot Ion:112 Resp: 2202915
 Ion Ratio Lower Upper
 112 100
 64 55.6 43.8 65.6
 63 28.8 22.2 33.4



#6
 Aniline
 Concen: 22.808 ng
 RT: 6.28 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion: 93 Resp: 704439
 Ion Ratio Lower Upper
 93 100
 66 94.6 30.0 45.0#
 65 64.4 15.6 23.4#





#7

Phenol-d6

Concen: 120.615 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

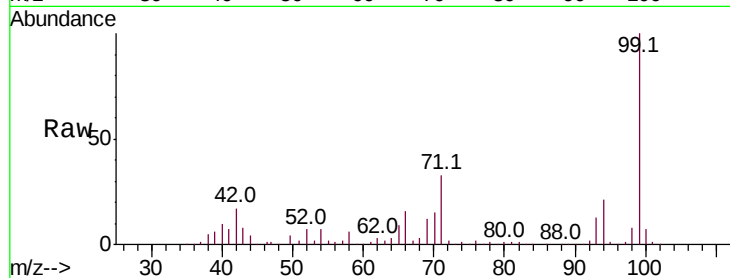
Tot Ion: 99 Resp: 2710595

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

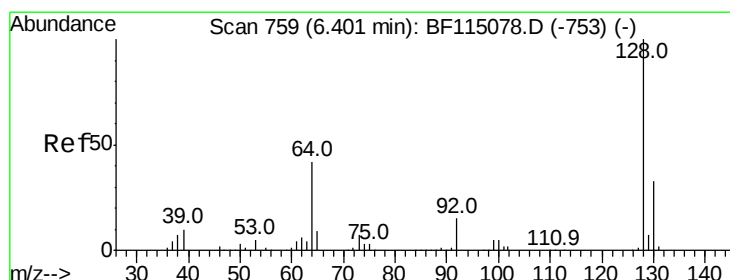
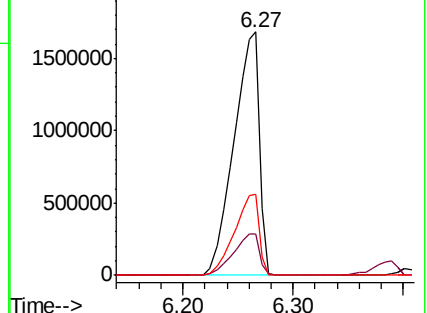
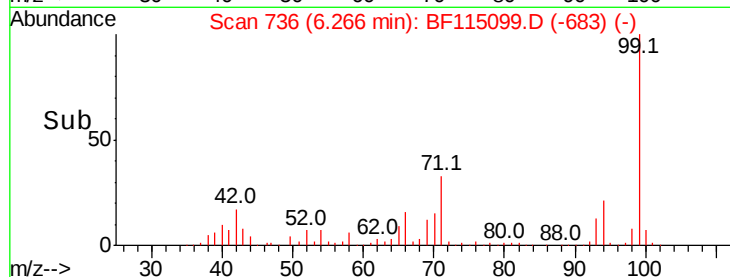
71 33.3 25.5 38.3



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: 40.459 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

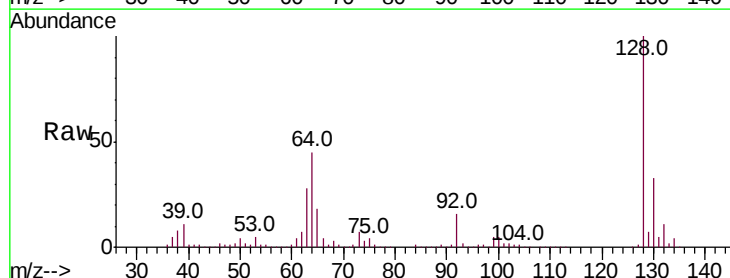
Tgt Ion:128 Resp: 842338

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

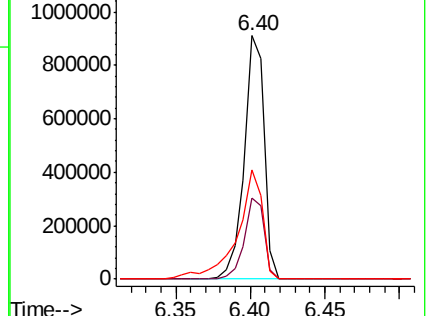
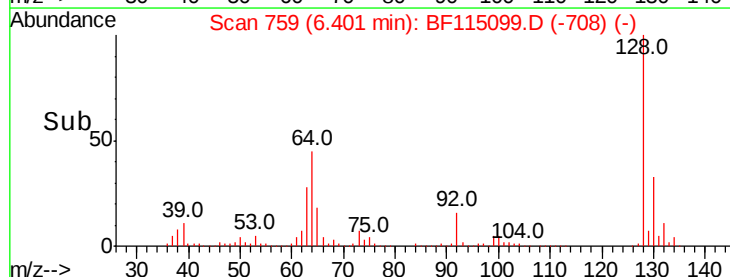
64 45.1 22.9 62.9

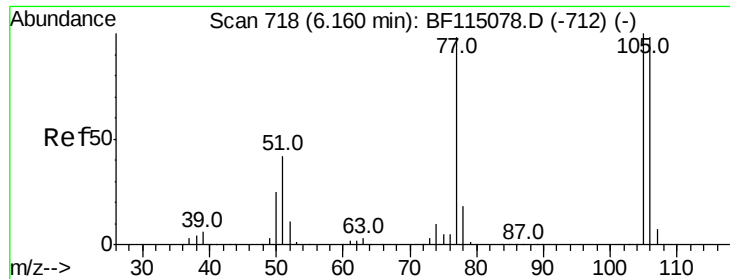


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

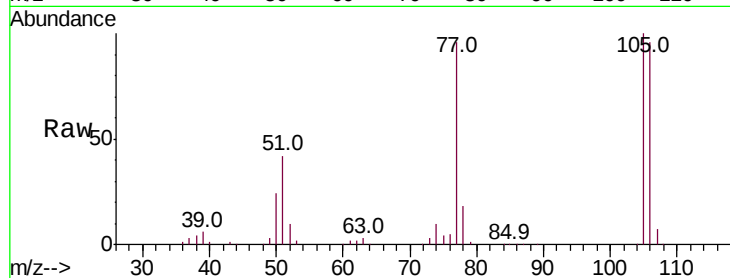




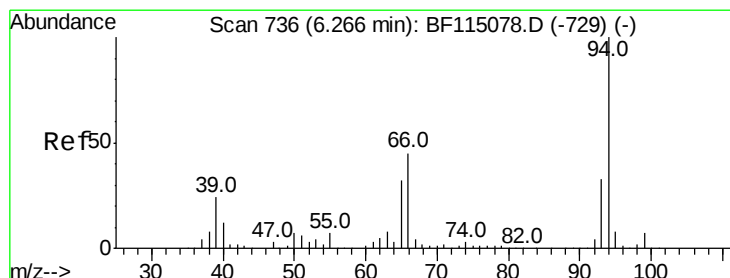
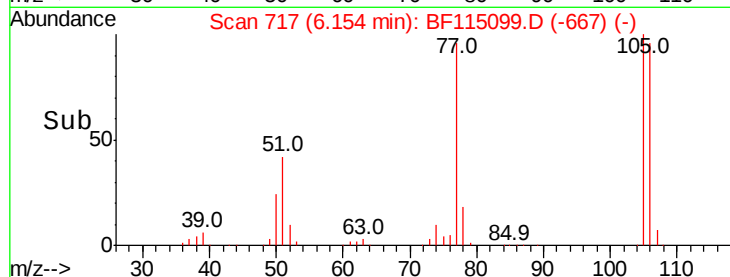
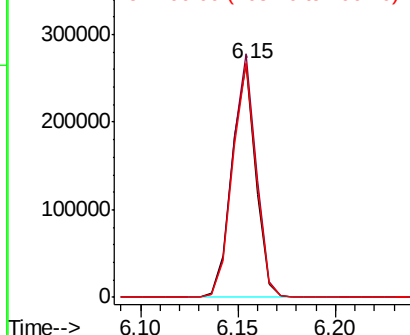
#9
Benzaldehyde
Concen: 15.368 ng
RT: 6.15 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 225326
Ion Ratio Lower Upper
77 100
105 104.0 81.5 121.5
106 100.3 79.7 119.7

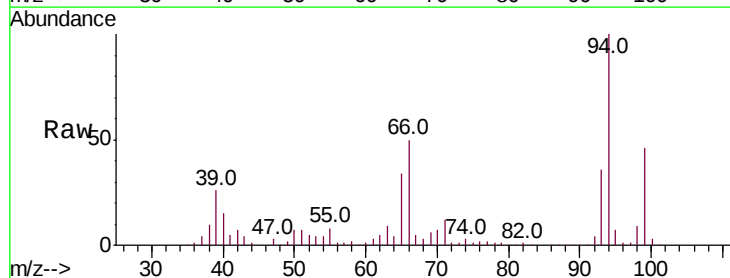


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

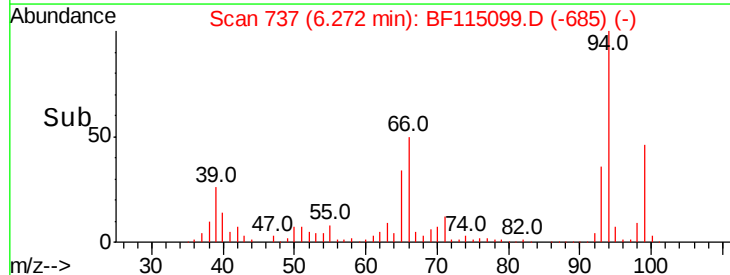
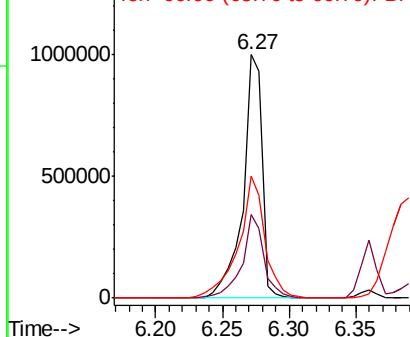


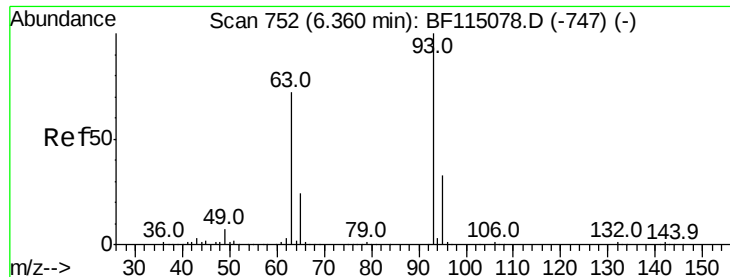
#10
Phenol
Concen: 37.456 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion: 94 Resp: 986016
Ion Ratio Lower Upper
94 100
65 34.3 11.9 51.9
66 50.1 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

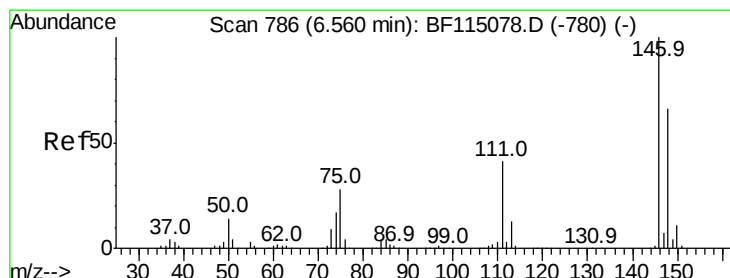
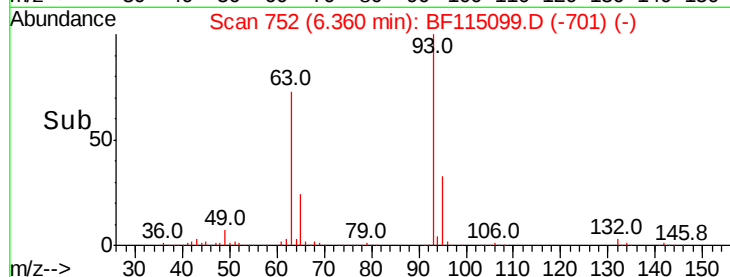
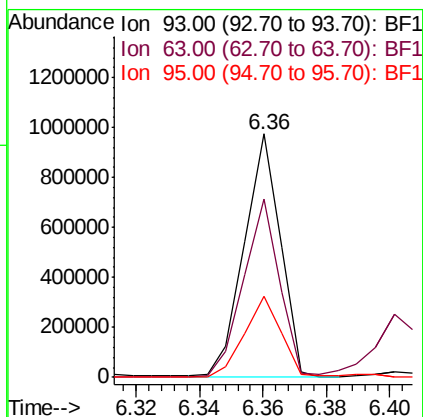
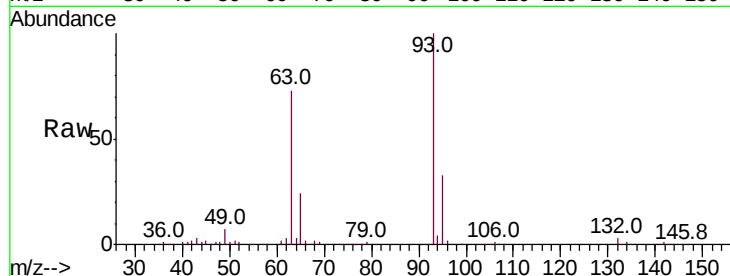




#11
bis(2-Chloroethyl)ether
Concen: 39.655 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

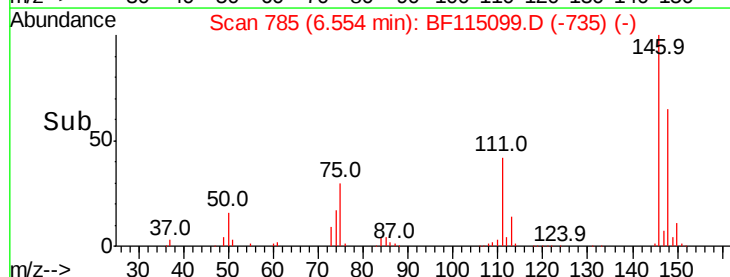
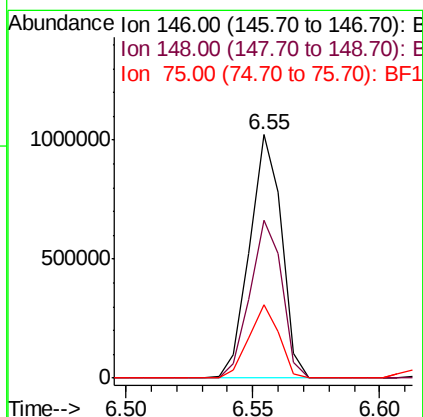
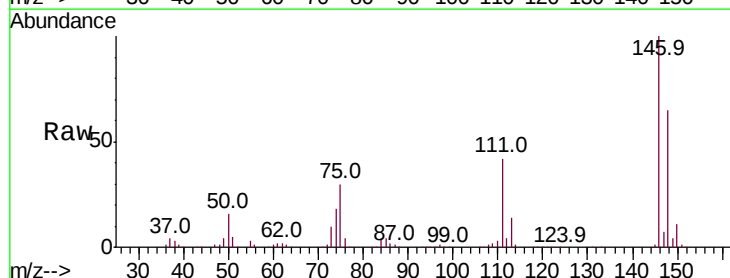
Instrument :
BNA_F
ClientSampleId :

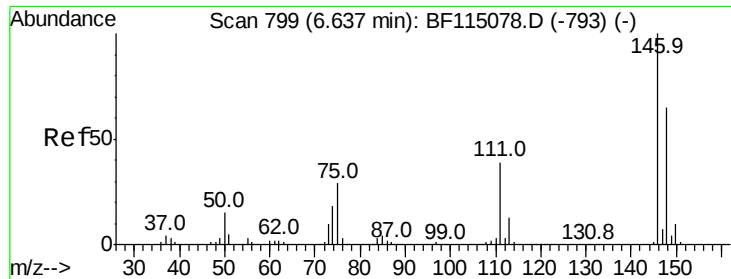
Tot Ion: 93 Resp: 769489
Ion Ratio Lower Upper
93 100
63 73.1 51.5 91.5
95 33.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 38.744 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion: 146 Resp: 895222
Ion Ratio Lower Upper
146 100
148 64.9 52.6 78.8
75 30.0 22.6 34.0

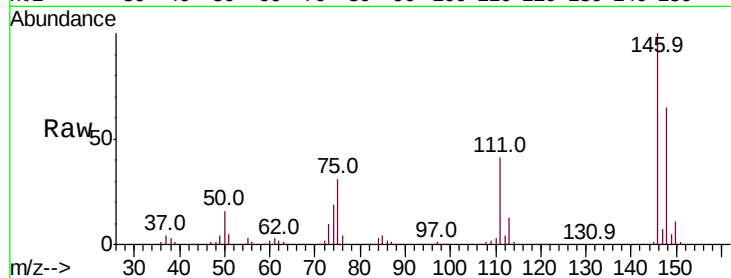




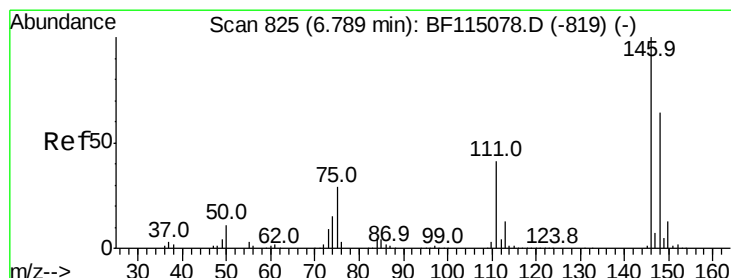
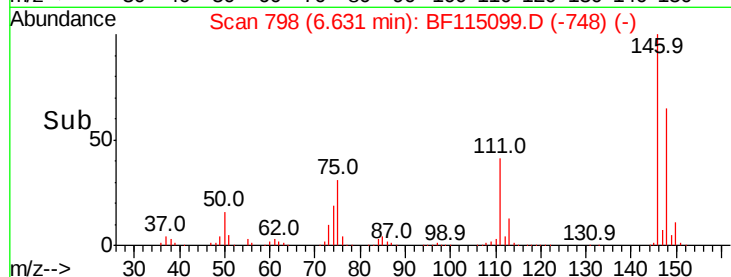
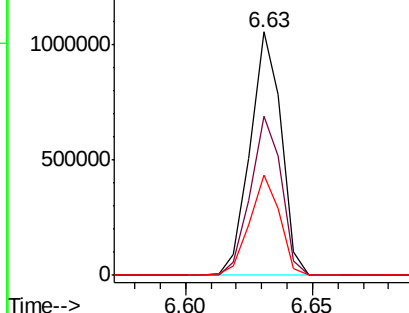
#13
 1,4-Dichlorobenzene
 Concen: 38.689 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 896413
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 41.0 31.4 47.0

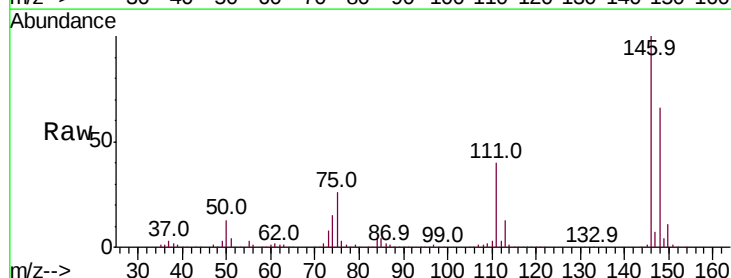


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

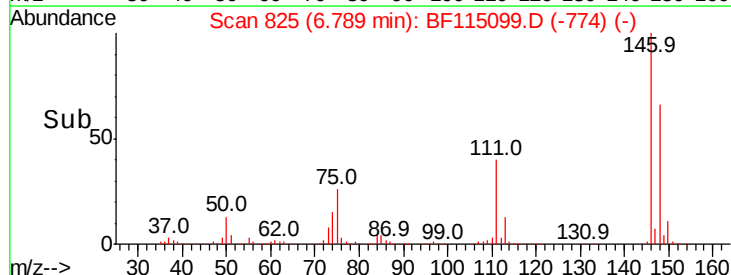
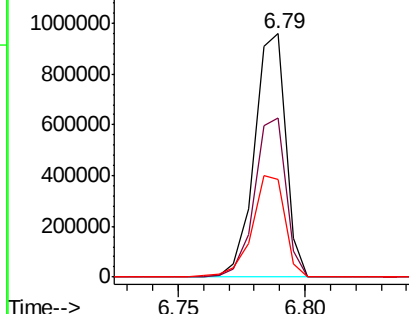


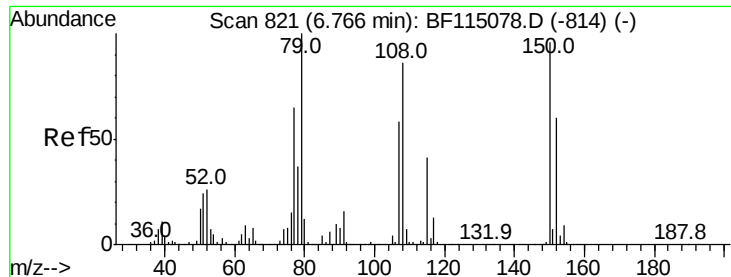
#14
 1,2-Dichlorobenzene
 Concen: 38.647 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:146 Resp: 829232
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 39.9 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: 39.391 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

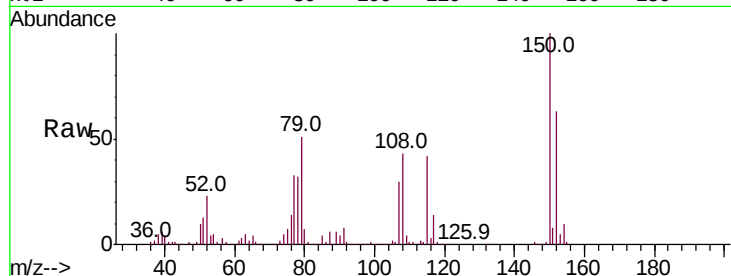
Tot Ion: 79 Resp: 644596

Ion Ratio Lower Upper

79 100

108 84.1 68.7 103.1

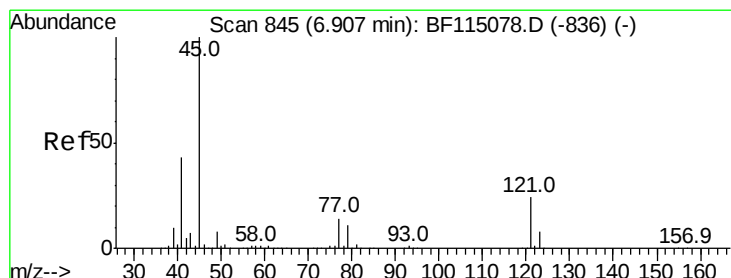
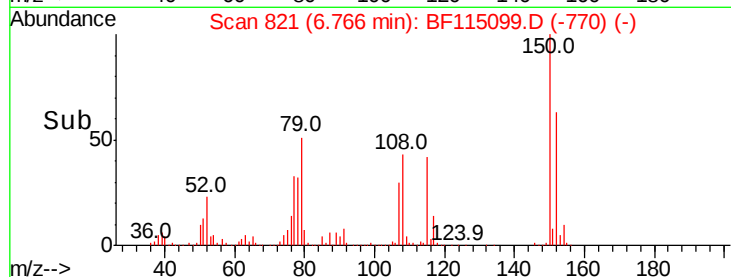
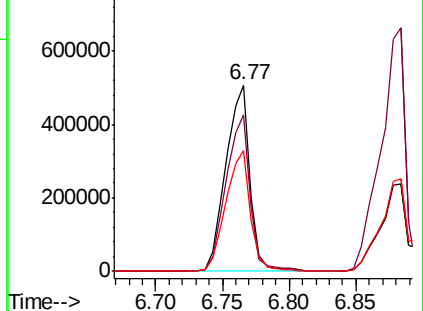
77 64.8 51.7 77.5



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: 39.903 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

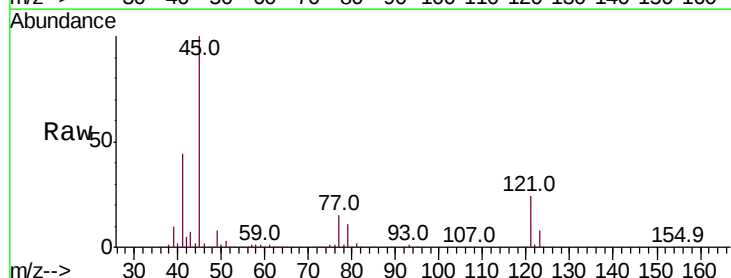
Tgt Ion: 45 Resp: 1123029

Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.6

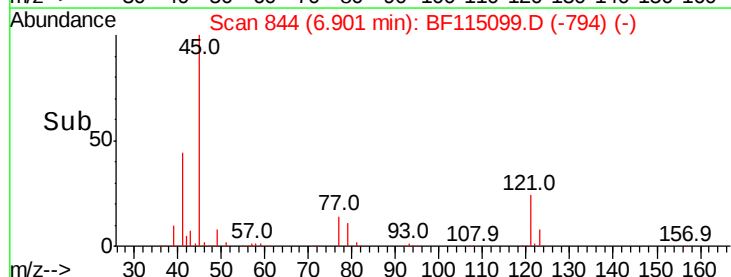
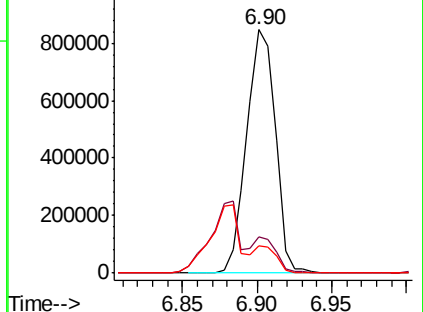
79 11.3 0.0 31.2

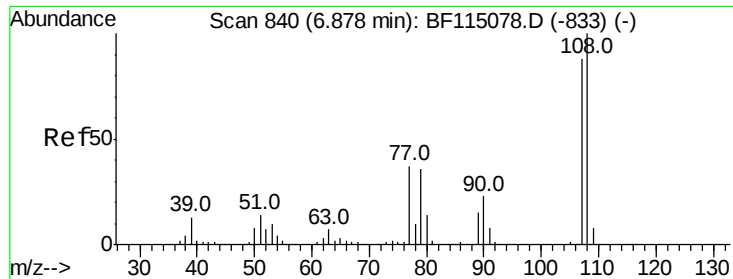


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

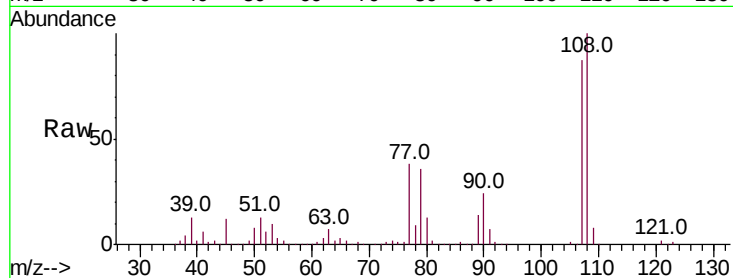




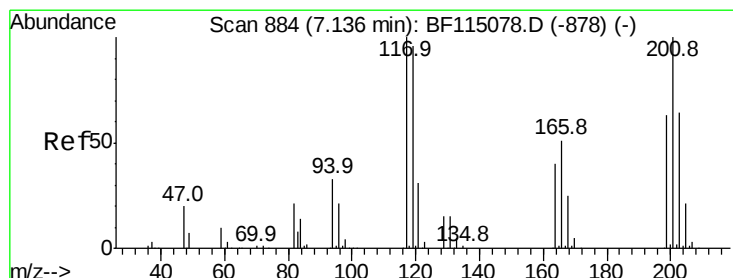
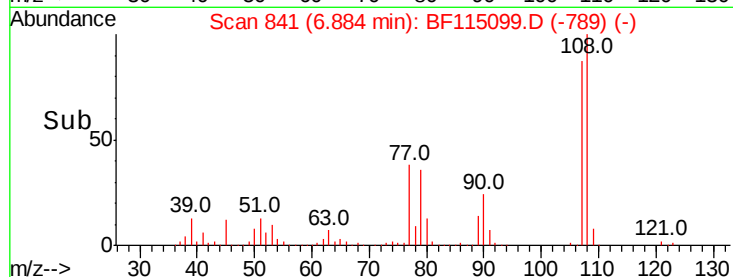
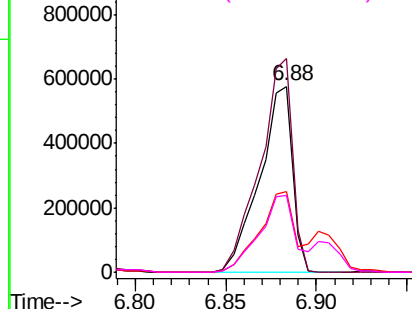
#17
2-Methylphenol
Concen: 42.369 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 728106
Ion Ratio Lower Upper
107 100
108 115.0 90.9 136.3
77 43.5 33.4 50.2
79 41.4 32.3 48.5

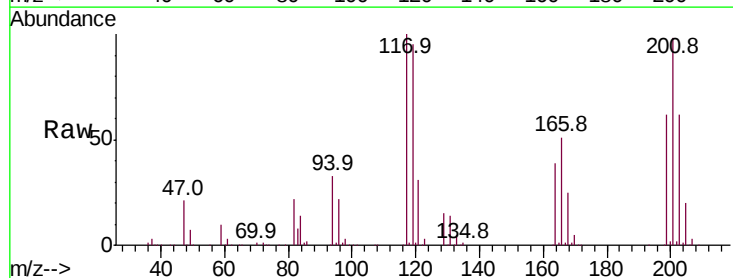


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

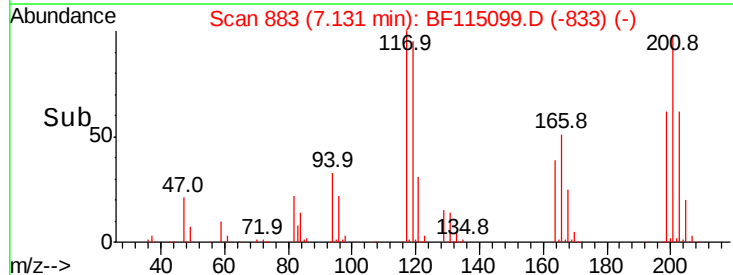
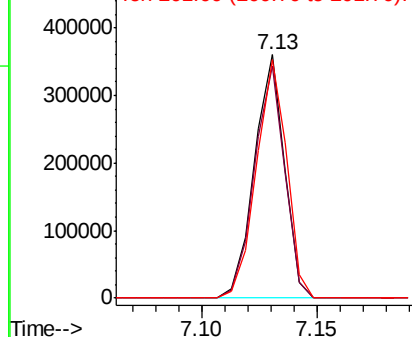


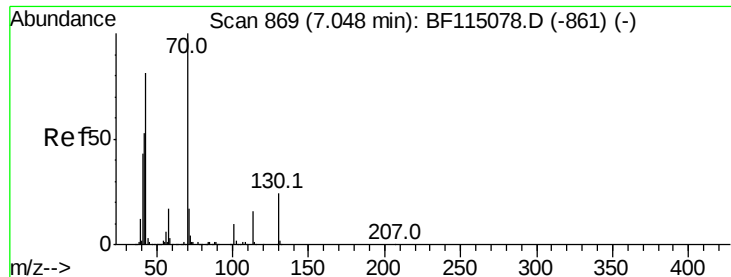
#18
Hexachloroethane
Concen: 39.210 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:117 Resp: 327525
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 98.0 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

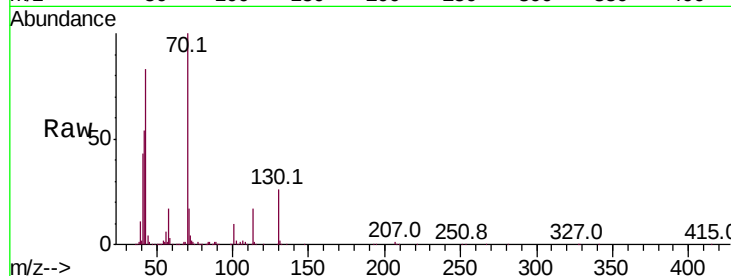




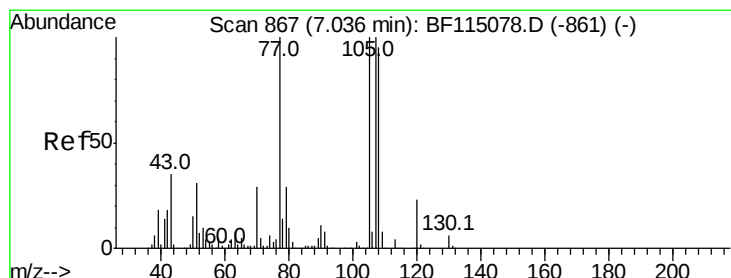
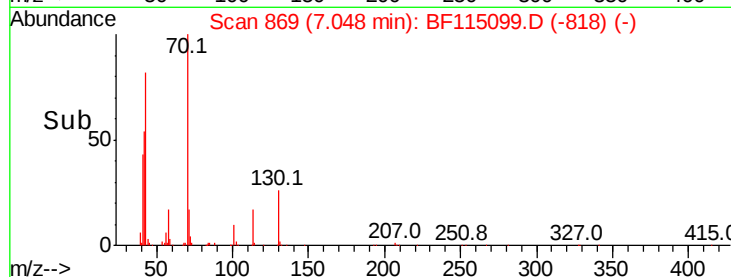
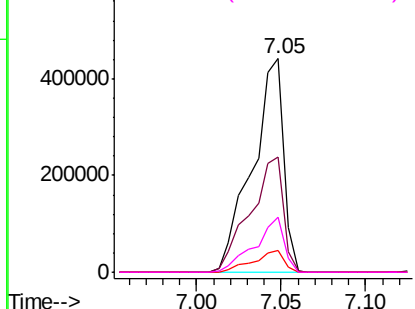
#19
n-Nitroso-di-n-propylamine
Concen: 39.498 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	568284
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.6	63.8
101	10.4	8.0	12.0
130	25.6	19.4	29.0

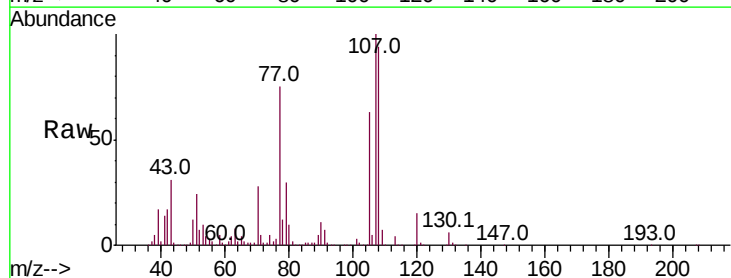


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

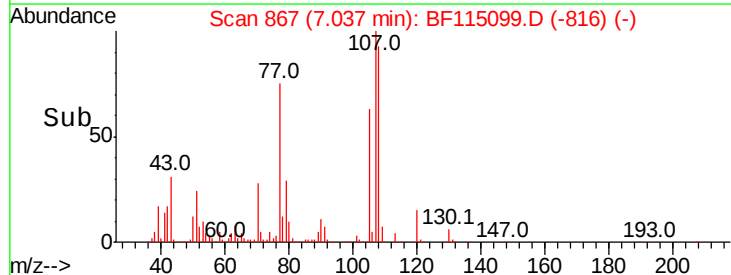
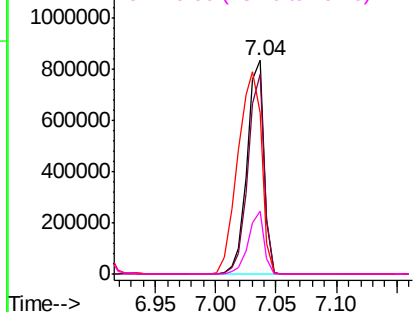


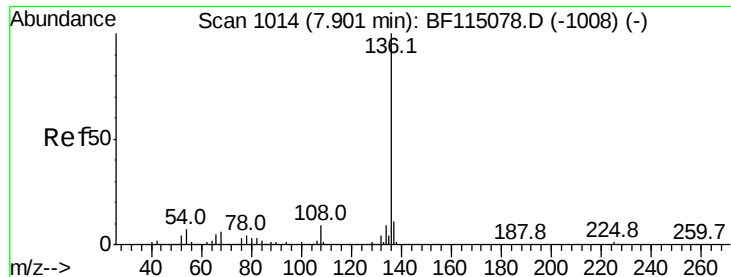
#20
3+4-Methylphenols
Concen: 41.577 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:	107	Resp:	825021
Ion	Ratio	Lower	Upper
107	100		
108	93.6	75.5	115.5
77	75.4	80.2	120.2#
79	29.6	9.5	49.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1131546

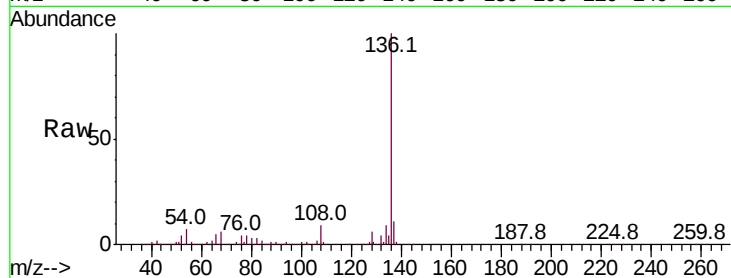
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.1	5.6	8.4
68	6.2	4.8	7.2

136 100

137 11.3 8.9 13.3

54 7.1 5.6 8.4

68 6.2 4.8 7.2

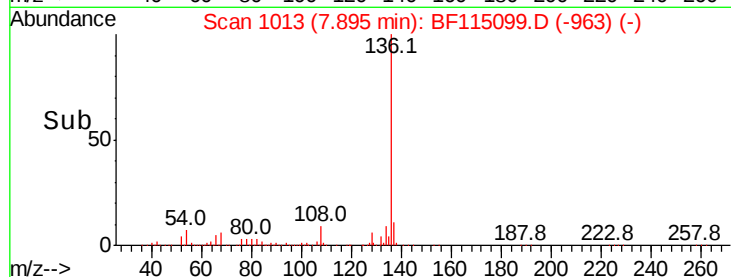


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

7.90

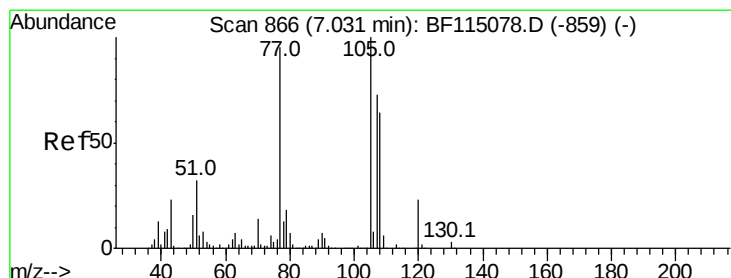
1500000

1000000

500000

0

7.85 7.90 7.95



#22

Acetophenone

Concen: 43.804 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion:105 Resp: 1134728

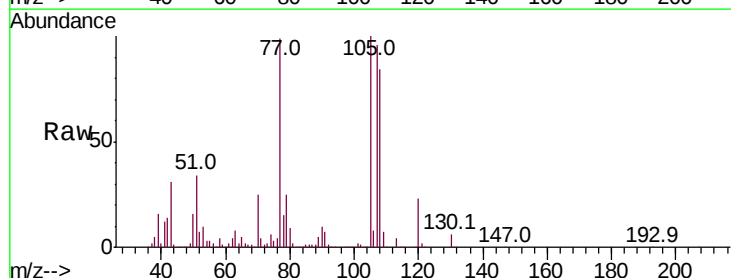
Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.9	2.9#
51	33.9	25.8	38.8
120	23.0	18.5	27.7

105 100

71 4.0 1.9 2.9#

51 33.9 25.8 38.8

120 23.0 18.5 27.7

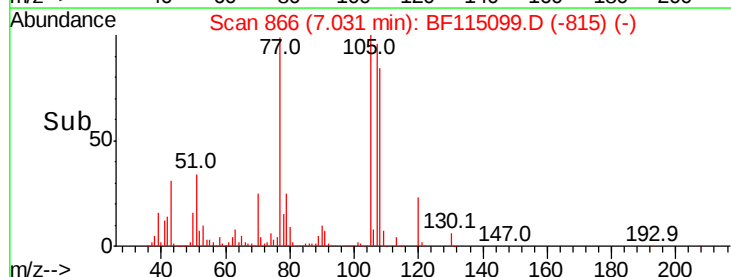


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

7.03

1200000

1000000

800000

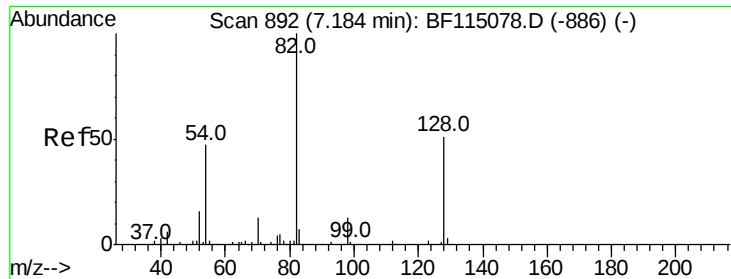
600000

400000

200000

0

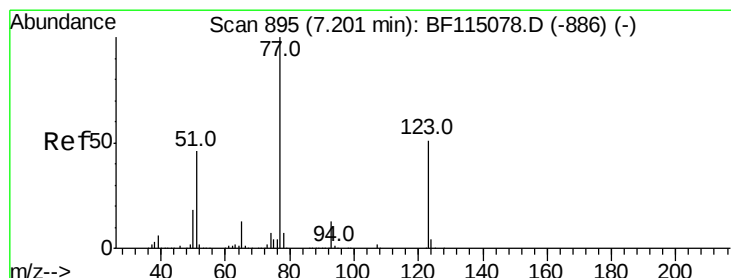
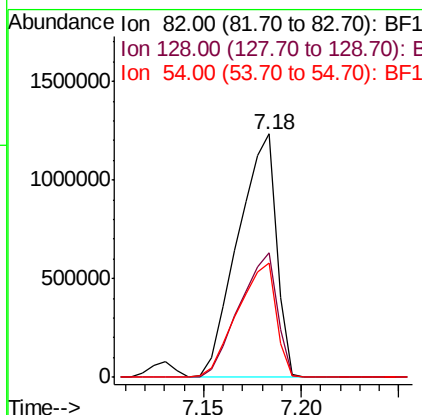
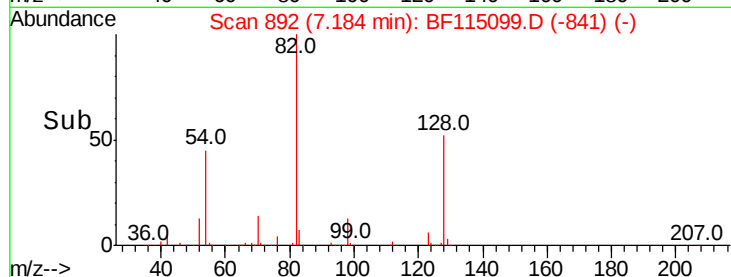
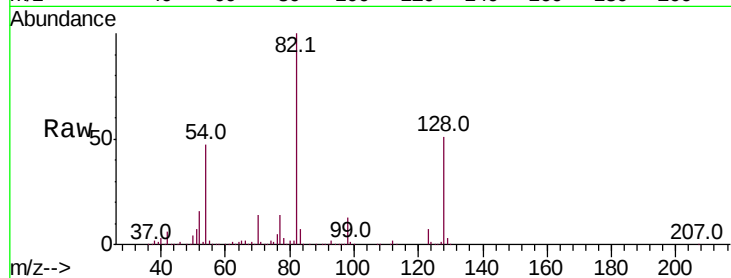
6.95 7.00 7.05 7.10



#23
 Nitrobenzene-d5
 Concen: 91.650 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

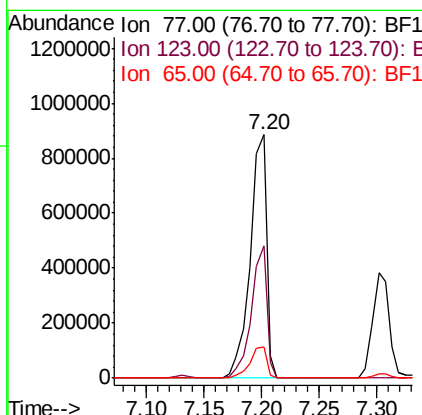
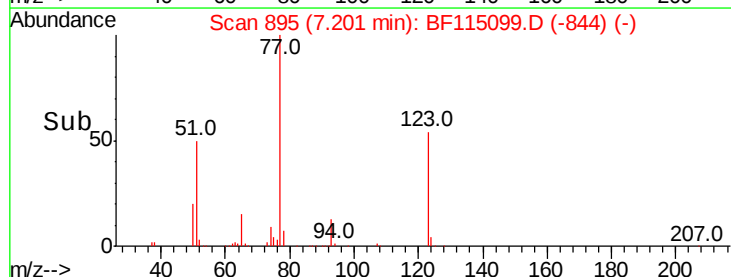
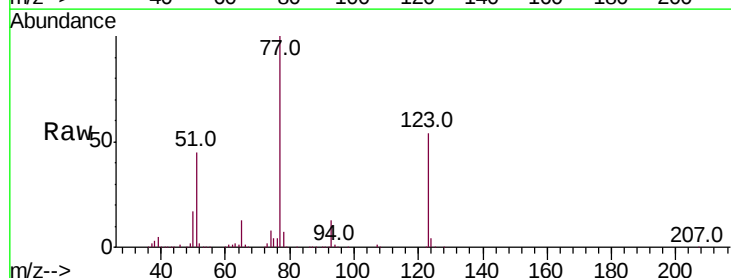
Instrument :
 BNA_F
 ClientSampleId :

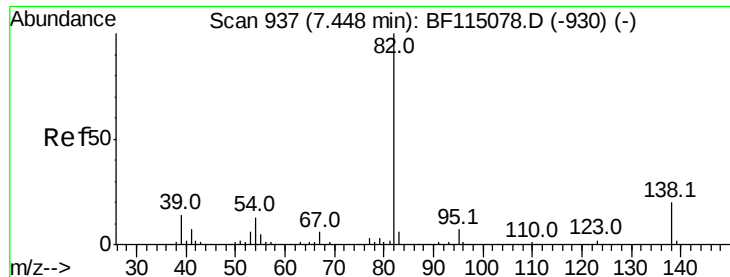
Tot Ion: 82 Resp: 1685853
 Ion Ratio Lower Upper
 82 100
 128 51.4 40.4 60.6
 54 46.8 37.5 56.3



#24
 Nitrobenzene
 Concen: 42.924 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion: 77 Resp: 869859
 Ion Ratio Lower Upper
 77 100
 123 54.2 41.0 61.6
 65 12.8 10.5 15.7





#25

Isophorone

Concen: 43.574 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampled :

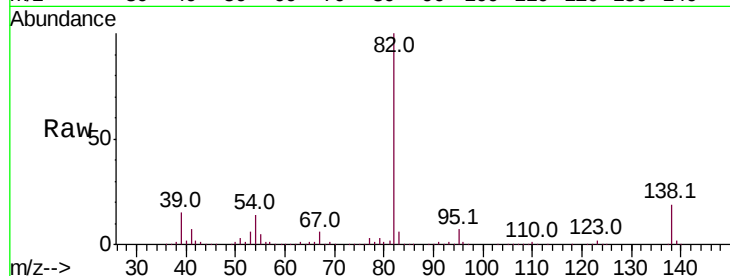
Tot Ion: 82 Resp: 1641965

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

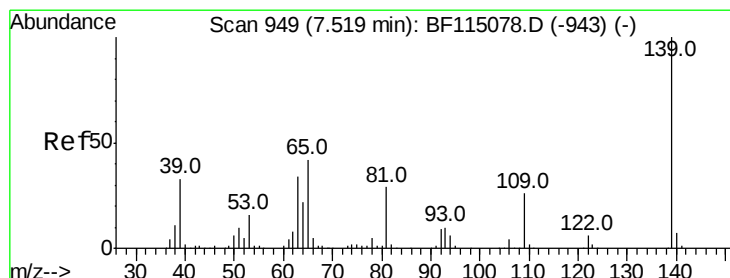
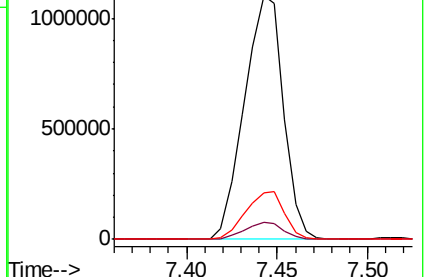
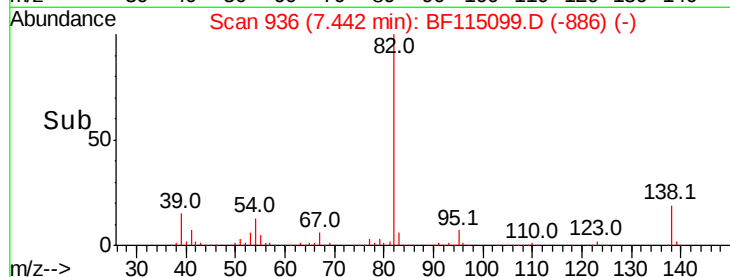
138 19.3 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF115078.D (-930) (-)

Ion 95.00 (94.70 to 95.70): BF115078.D (-930) (-)

Ion 138.00 (137.70 to 138.70): BF115078.D (-930) (-)



#26

2-Nitrophenol

Concen: 47.174 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

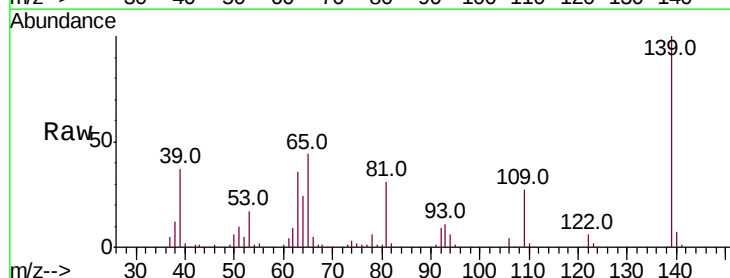
Tgt Ion:139 Resp: 472102

Ion Ratio Lower Upper

139 100

109 26.5 20.4 30.6

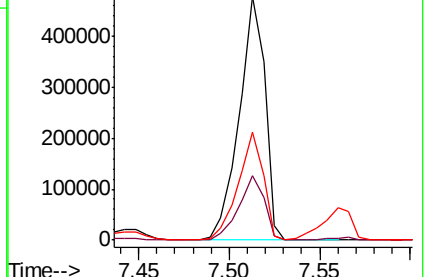
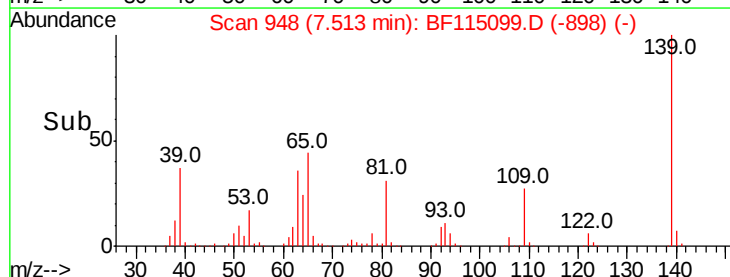
65 44.4 33.6 50.4

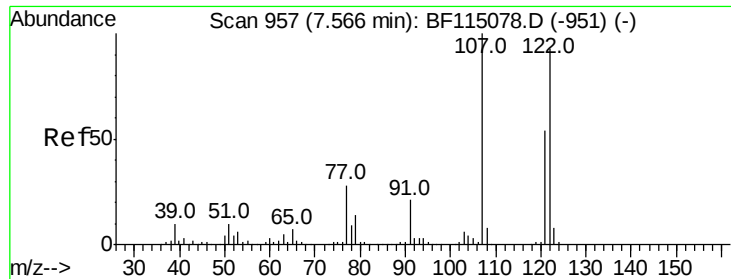


Abundance Ion 139.00 (138.70 to 139.70): BF115078.D (-943) (-)

Ion 109.00 (108.70 to 109.70): BF115078.D (-943) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-943) (-)





#27

2,4-Dimethylphenol

Concen: 48.830 ng

RT: 7.57 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

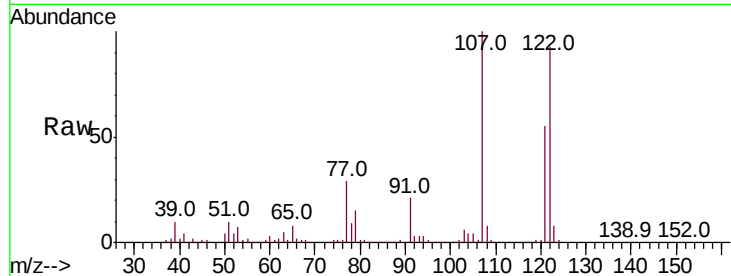
Tot Ion:122 Resp: 800101

Ion Ratio Lower Upper

122 100

107 107.0 85.8 128.6

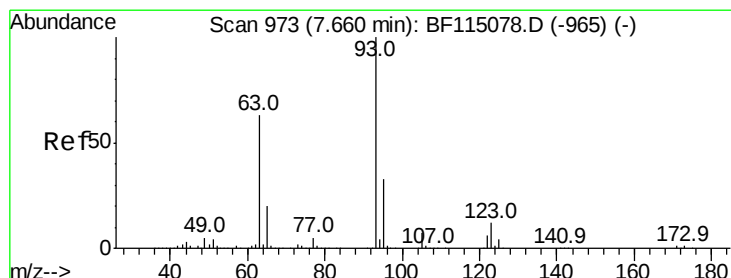
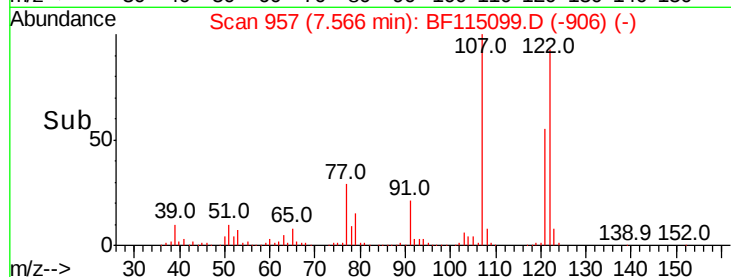
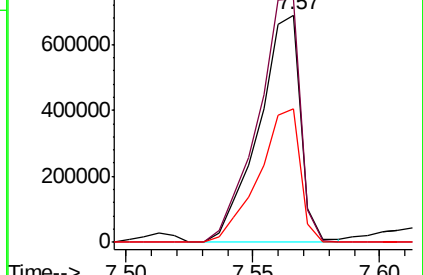
121 58.7 46.3 69.5



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: 42.866 ng

RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

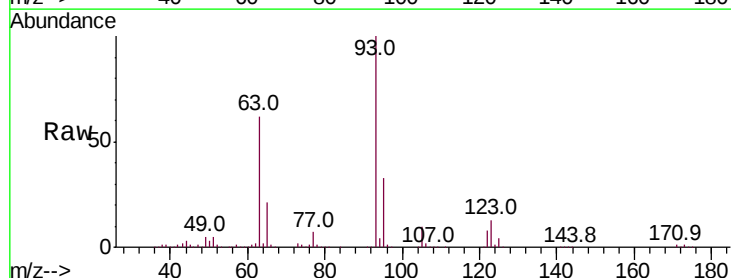
Tgt Ion: 93 Resp: 1020917

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

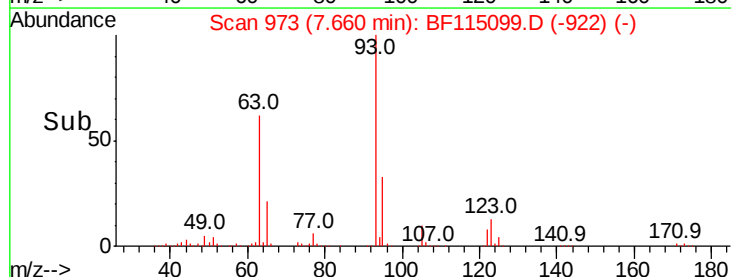
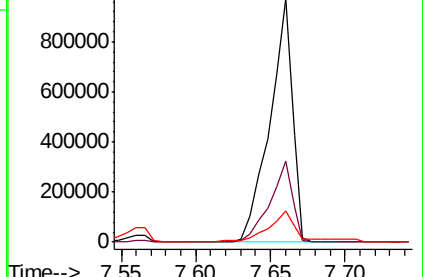
123 13.0 9.7 14.5

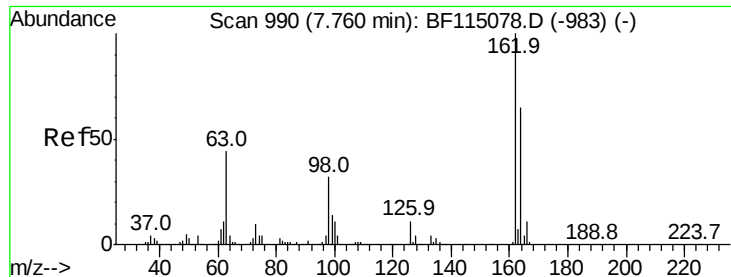


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

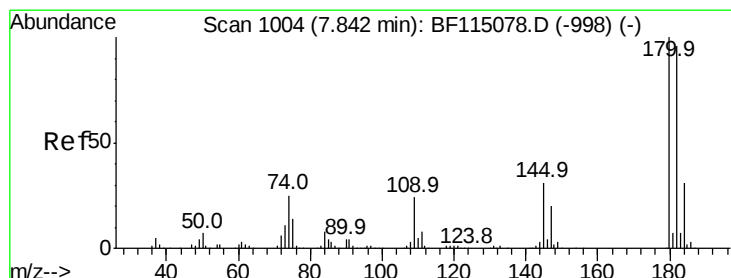
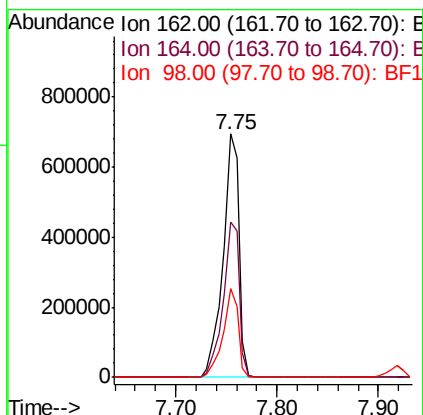
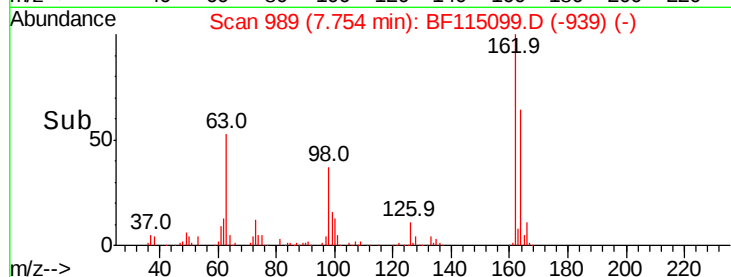
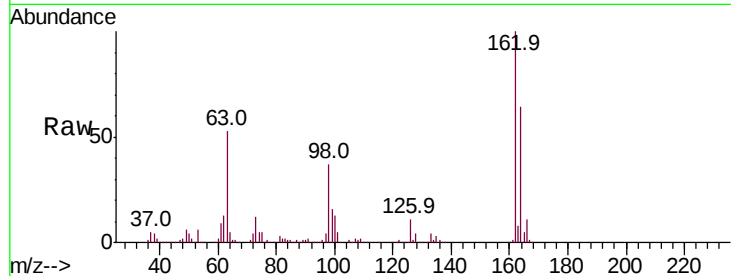




#29
 2,4-Dichlorophenol
 Concen: 44.685 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

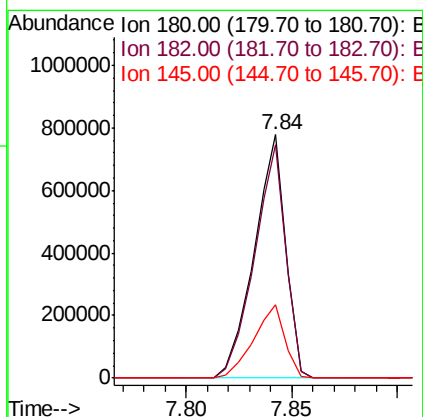
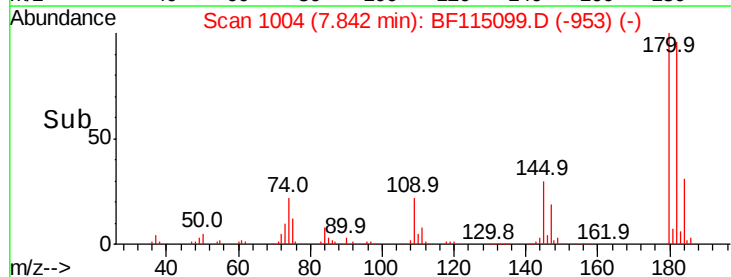
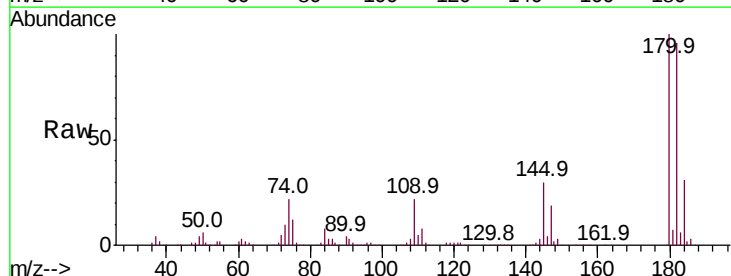
Instrument :
 BNA_F
 ClientSampled :

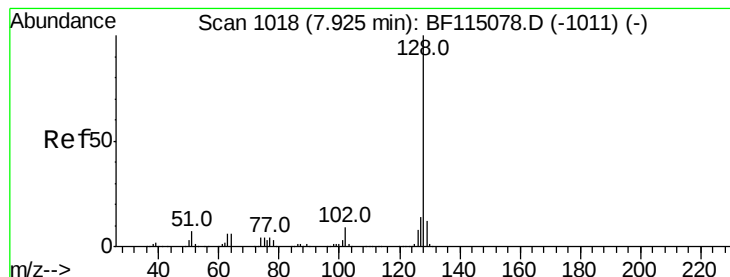
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	36.7	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.905 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	30.0	24.8	37.2





#31

Naphthalene

Concen: 43.465 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

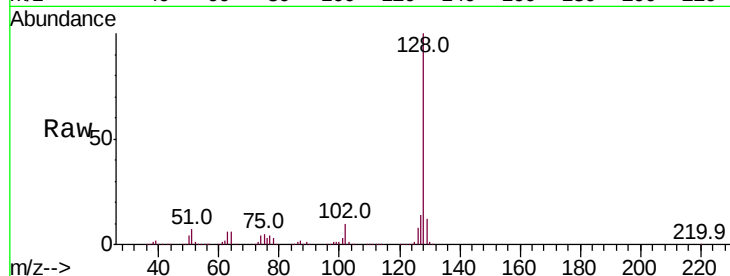
Tot Ion:128 Resp: 2414226

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

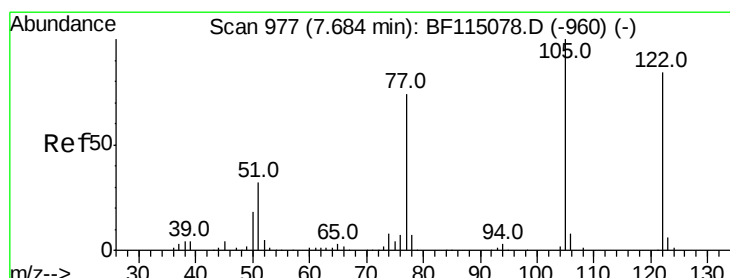
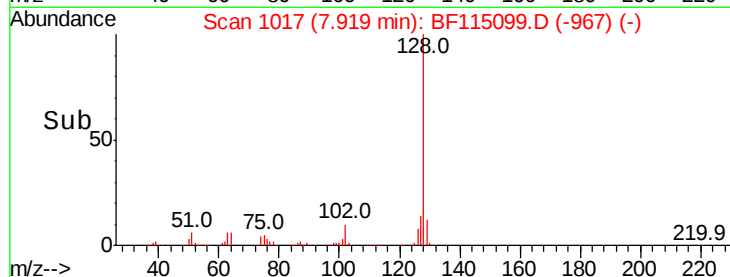
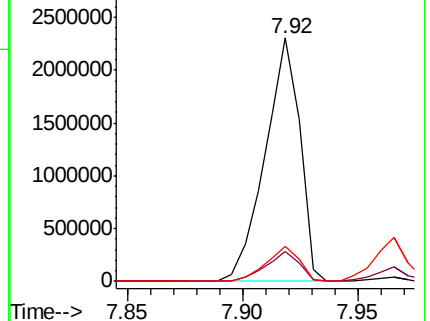
127 14.4 11.4 17.0



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: 53.258 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

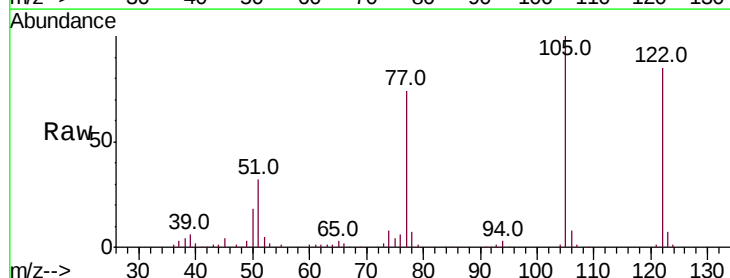
Tgt Ion:122 Resp: 622915

Ion Ratio Lower Upper

122 100

105 118.2 98.2 138.2

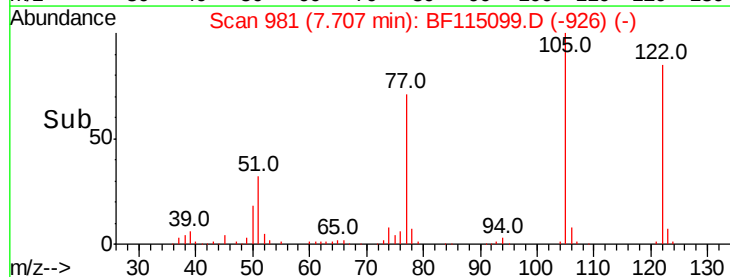
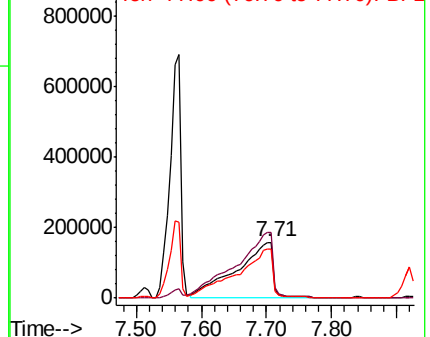
77 87.3 67.0 107.0

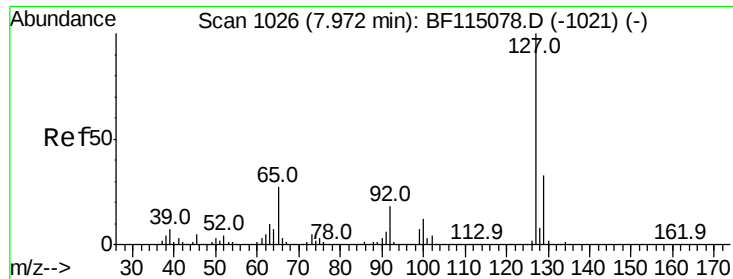


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

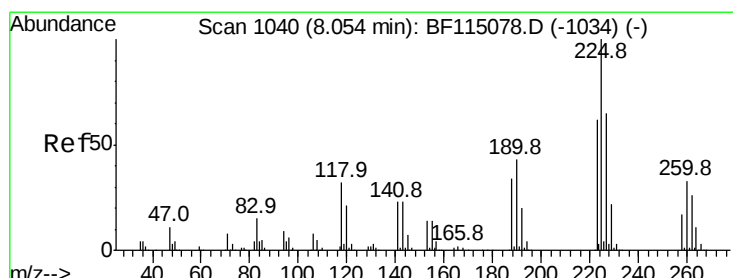
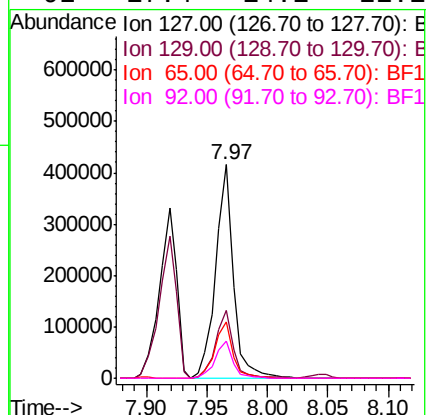
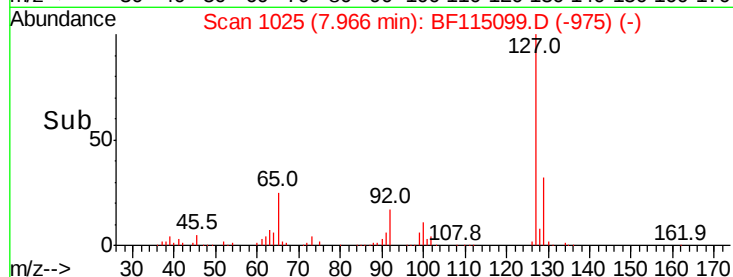
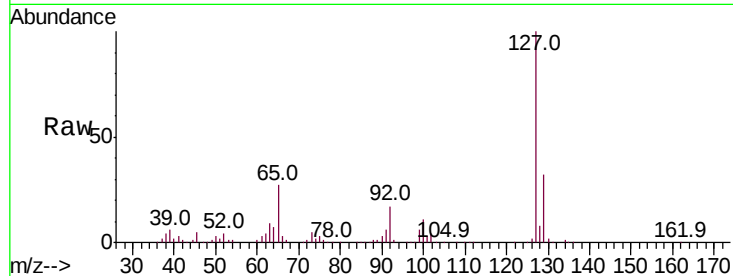




#33
4-Chloroaniline
Concen: 16.461 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

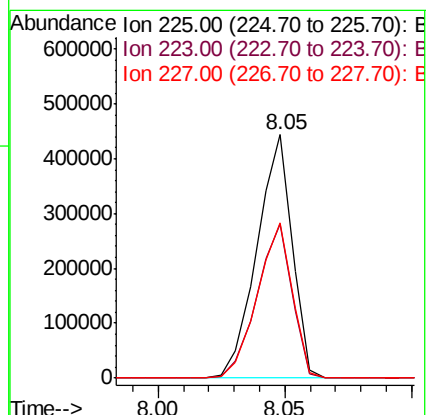
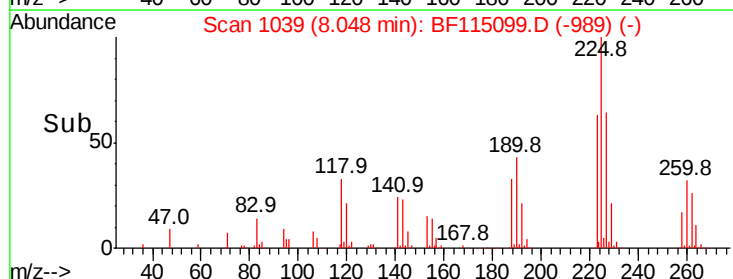
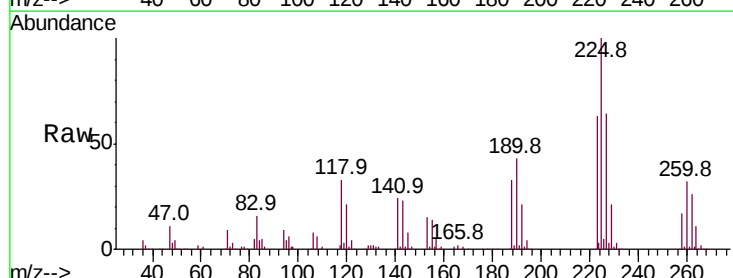
Instrument :
BNA_F
ClientSampleId :

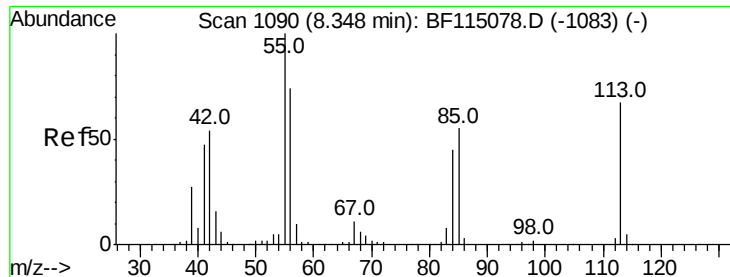
Tot Ion:	127	Resp:	417860
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	26.5	21.4	32.2
92	17.4	14.1	21.1



#34
Hexachlorobutadiene
Concen: 41.844 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:	225	Resp:	428297
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	64.0	51.8	77.8

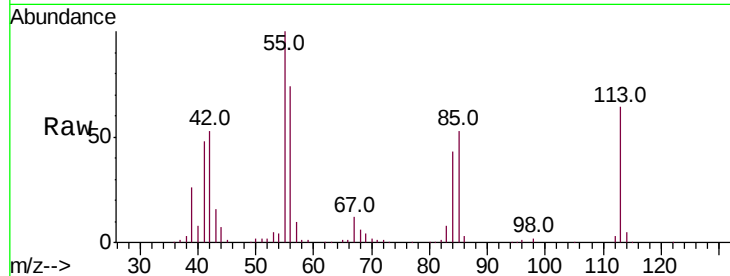




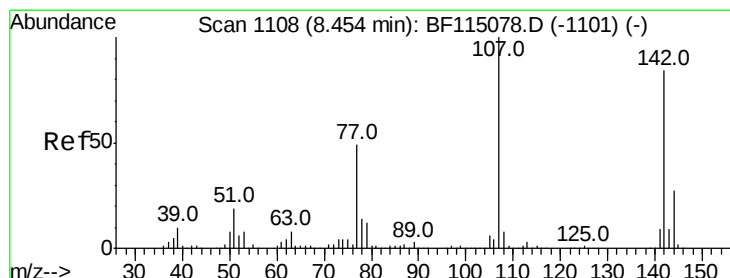
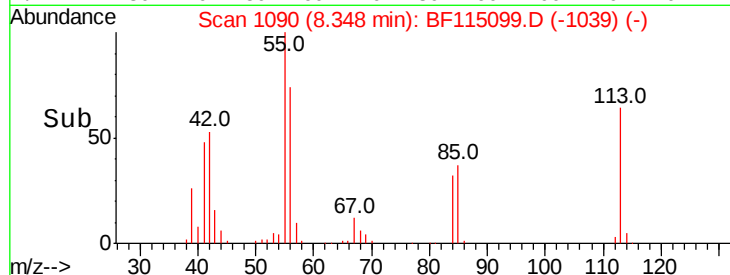
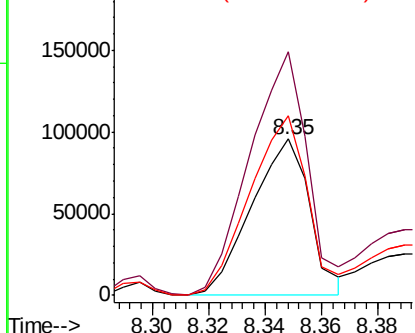
#35
 Caprolactam
 Concen: 24.092 ng
 RT: 8.35 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 136970
 Ion Ratio Lower Upper
 113 100
 55 155.7 130.2 170.2
 56 114.7 91.6 131.6

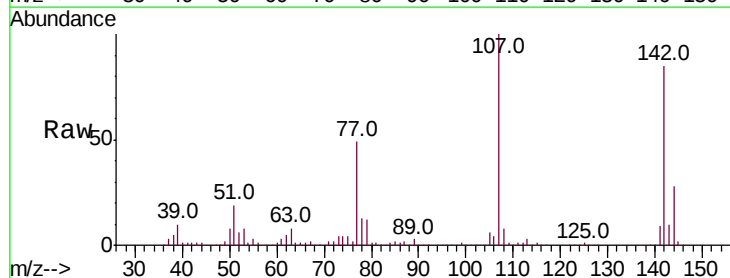


Abundance Ion 113.00 (112.70 to 113.70): E
 200000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

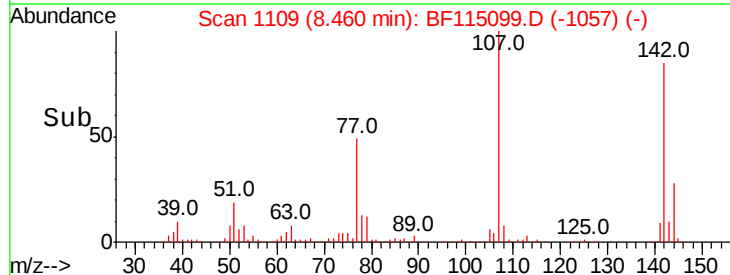
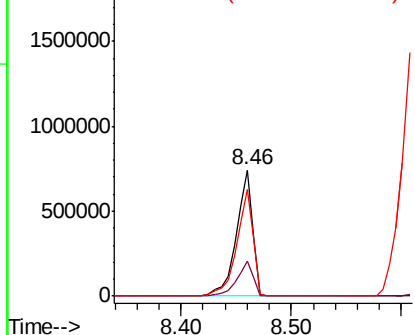


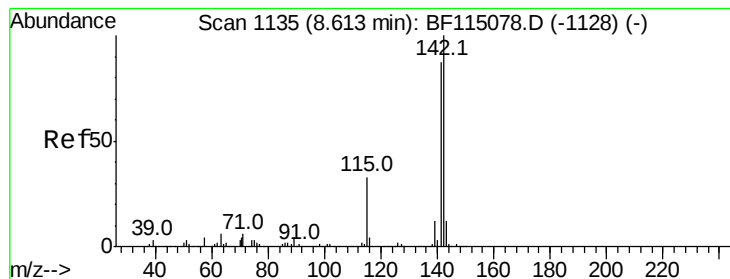
#36
 4-Chloro-3-methylphenol
 Concen: 44.807 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:107 Resp: 767319
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.7 32.5
 142 84.8 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 2000000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.631 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

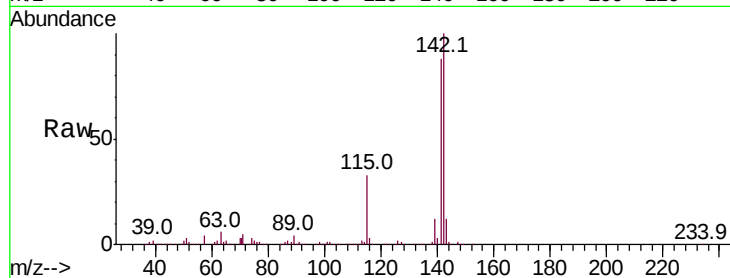
Tot Ion:142 Resp: 1671480

Ion Ratio Lower Upper

142 100

141 87.7 69.8 104.6

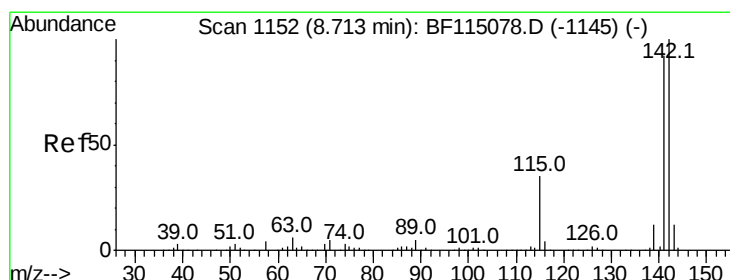
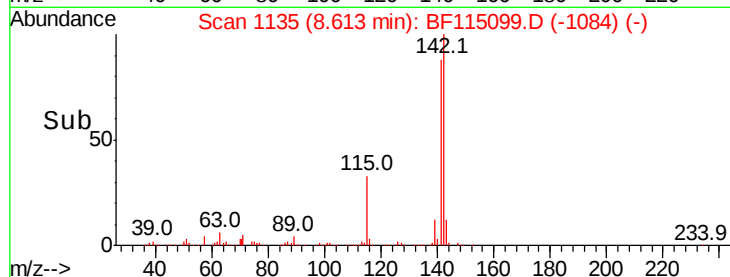
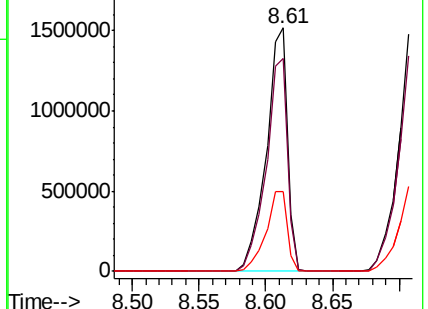
115 33.0 26.7 40.1



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: 44.865 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

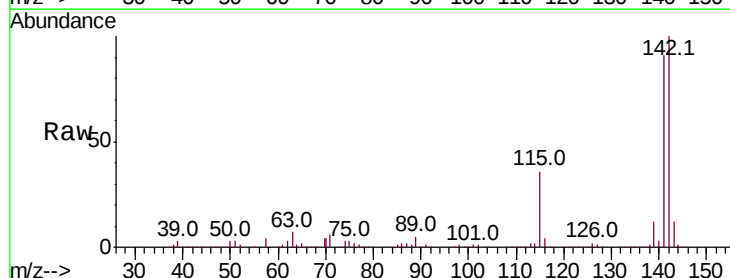
Tgt Ion:142 Resp: 1604737

Ion Ratio Lower Upper

142 100

141 91.1 73.8 110.8

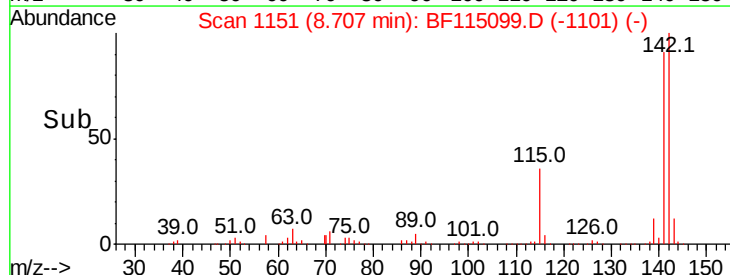
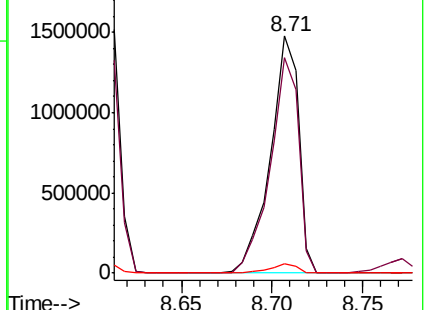
116 3.8 2.8 4.2

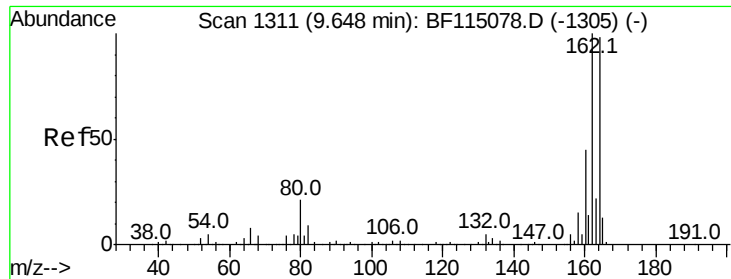


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

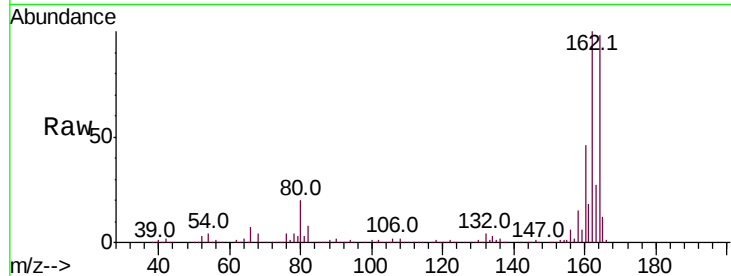




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	46.9	37.0	55.4

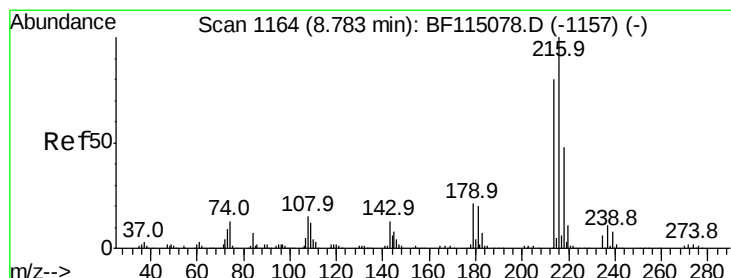
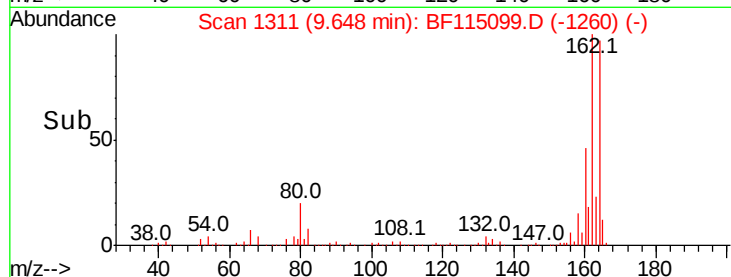
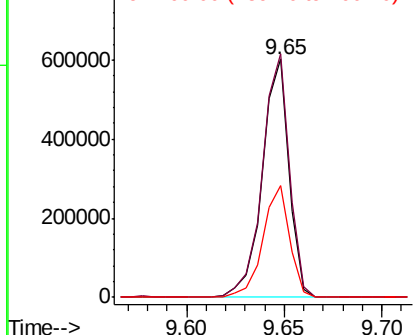


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.876 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	22.4	17.6	26.4
108	20.8	15.7	23.5

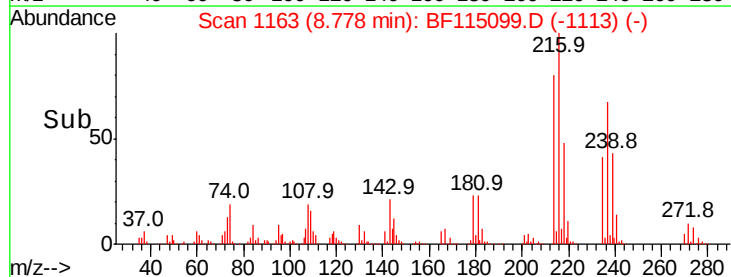
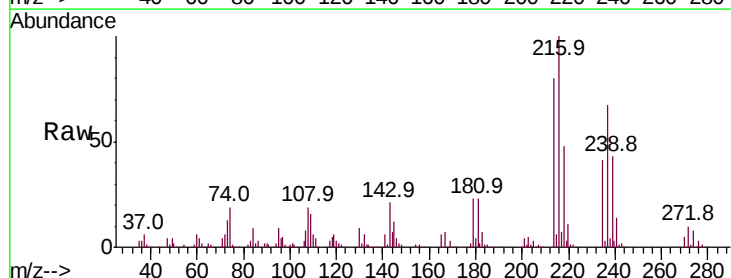
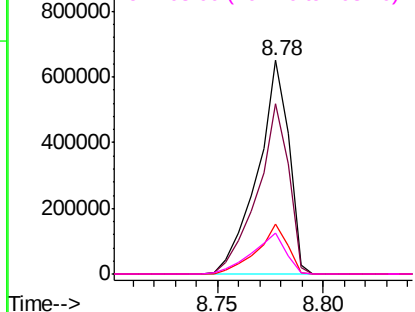
Abundance

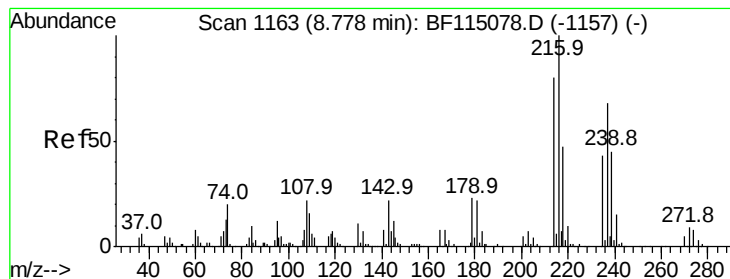
Ion 216.00 (215.70 to 216.70): E

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: 78.797 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampled :

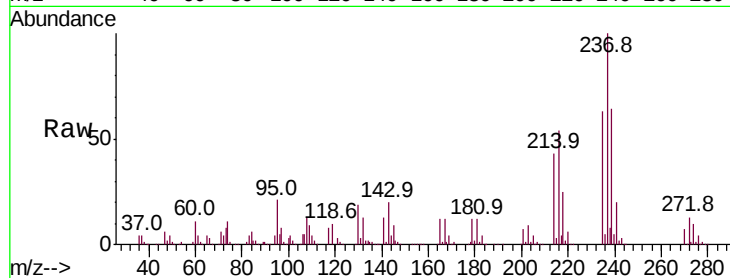
Tot Ion:237 Resp: 750980

Ion Ratio Lower Upper

237 100

235 63.3 43.9 83.9

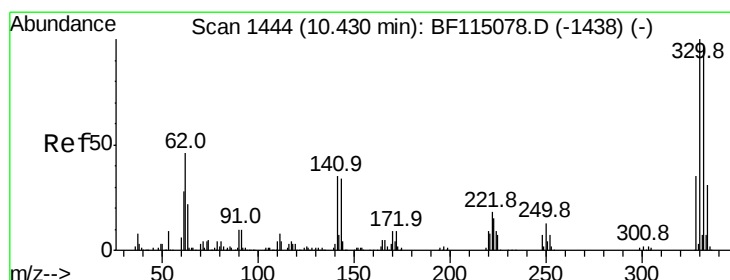
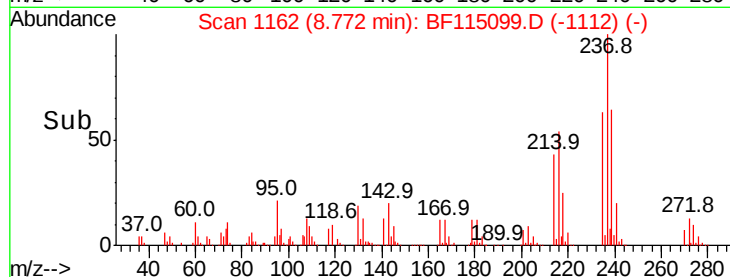
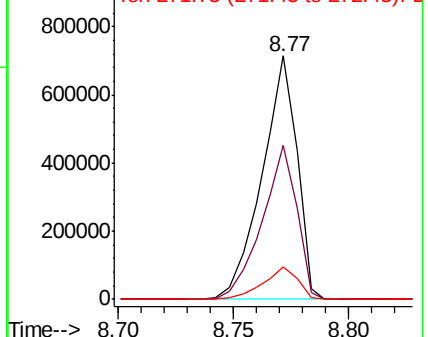
272 13.1 0.0 33.8



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: 130.066 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

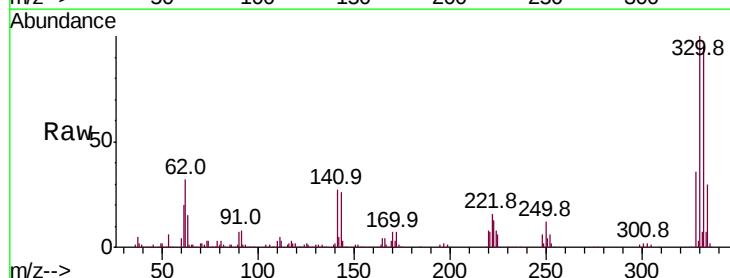
Tgt Ion:330 Resp: 780129

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

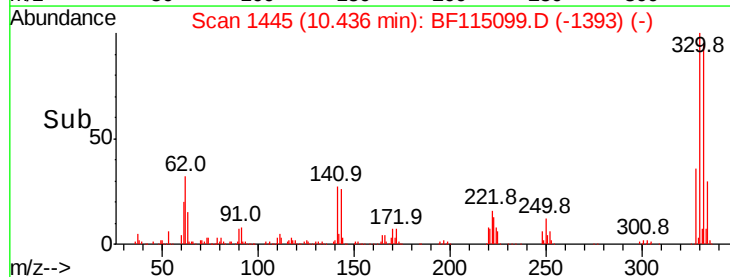
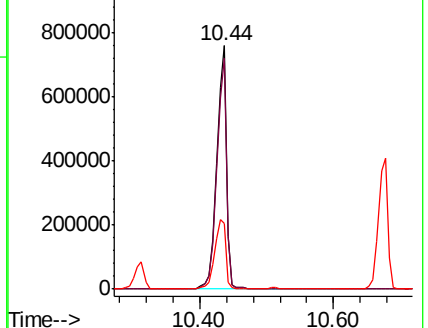
141 32.6 28.2 42.2

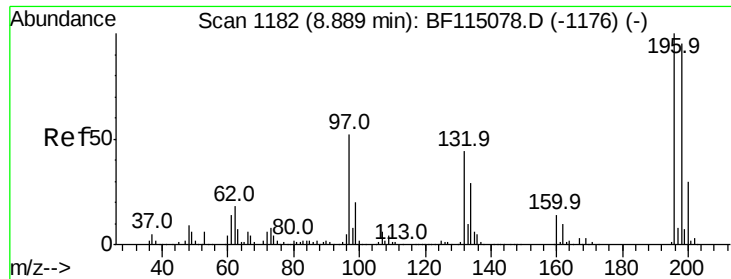


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

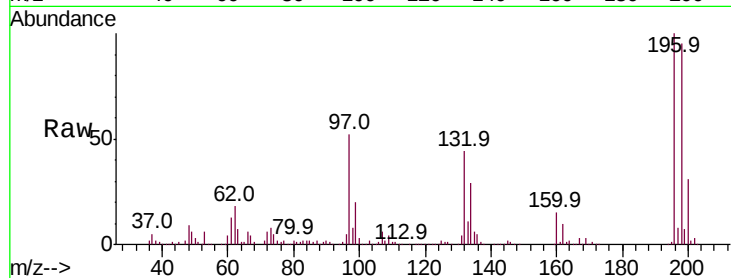




#43
 2,4,6-Trichlorophenol
 Concen: 46.041 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	571309
Ion Ratio	100	Lower	Upper
196	100		
198	95.4	76.3	114.5
200	31.1	24.2	36.4

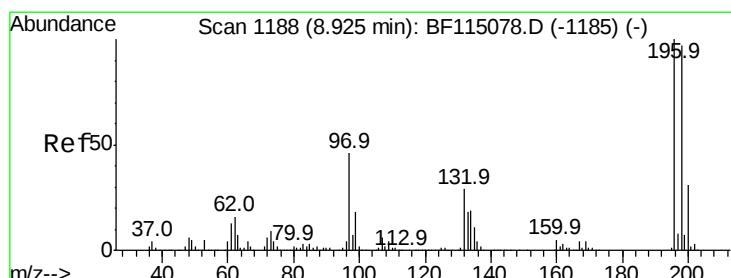
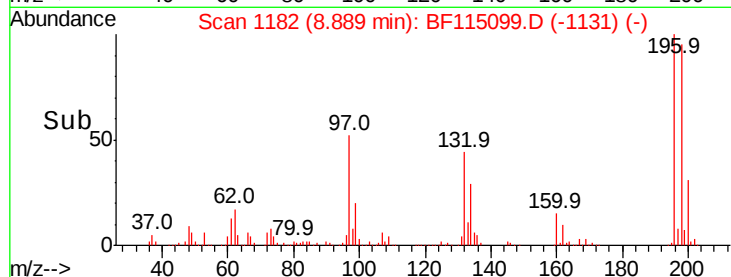
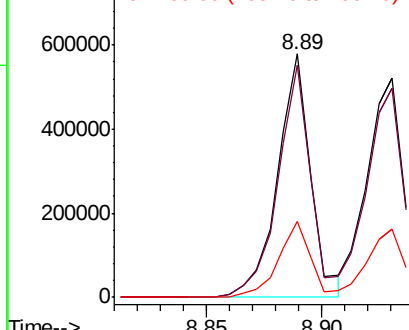


Abundance

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: 43.956 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	196	Resp	561699
Ion Ratio	100	Lower	Upper
196	100		
198	95.4	77.1	115.7
97	43.9	37.7	56.5
132	27.6	23.1	34.7

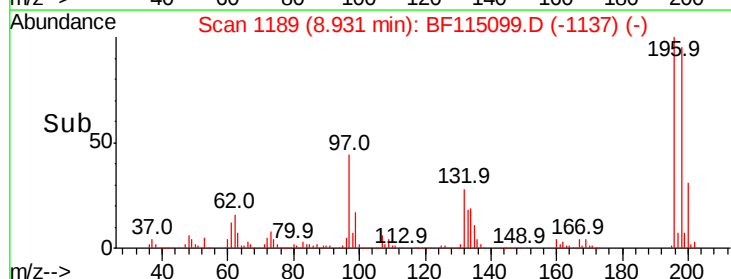
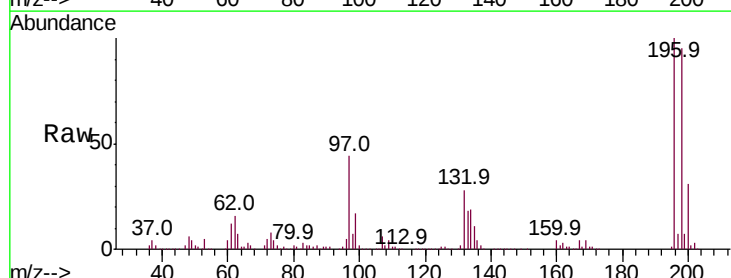
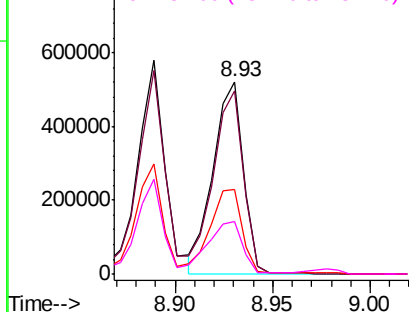
Abundance

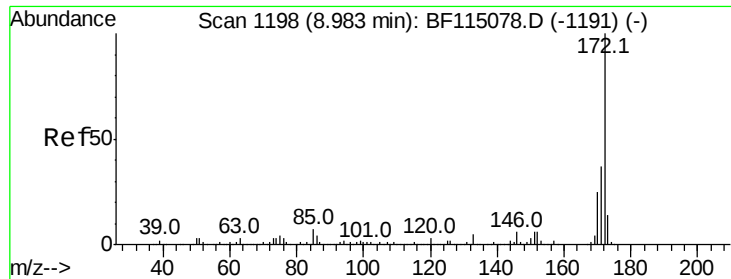
Ion 196.00 (195.70 to 196.70): E

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

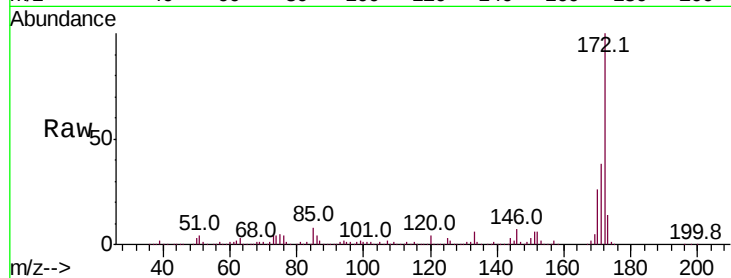




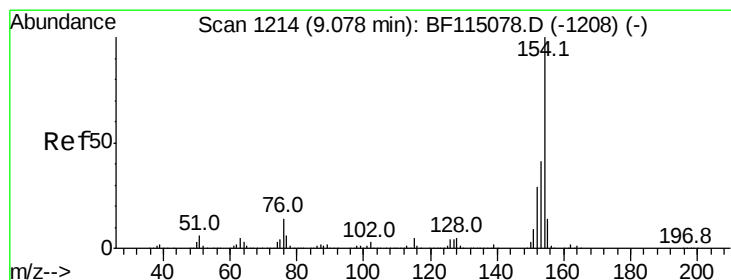
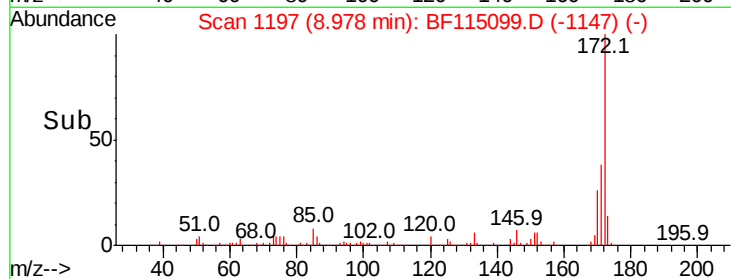
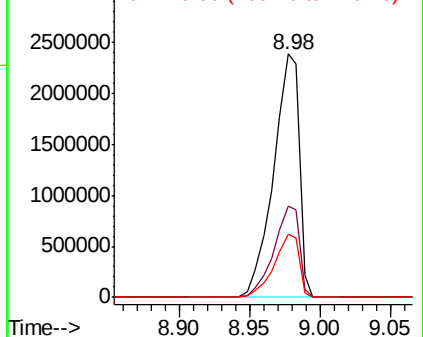
#45
2-Fluorobiphenyl
Concen: 91.222 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3054525
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.7 20.3 30.5

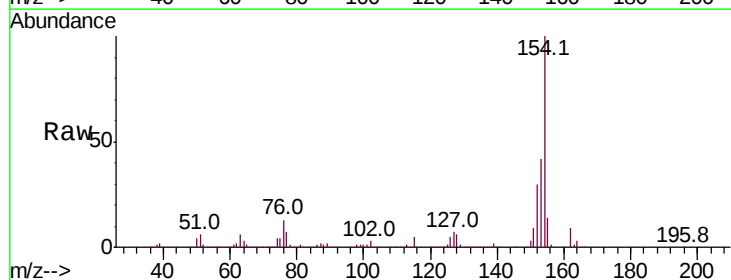


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

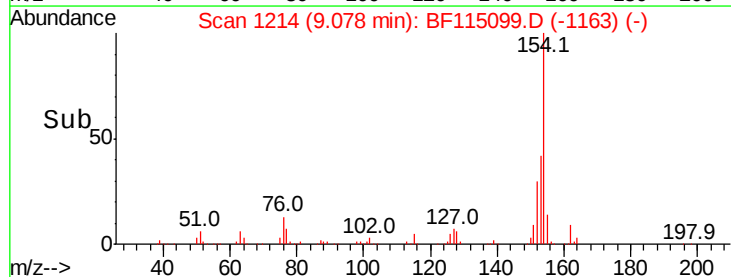
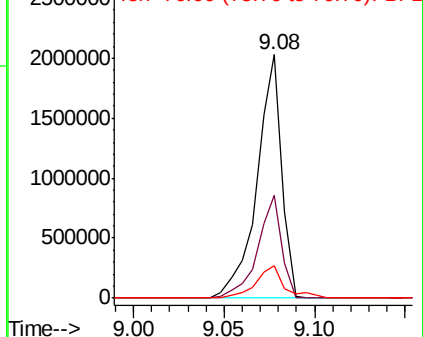


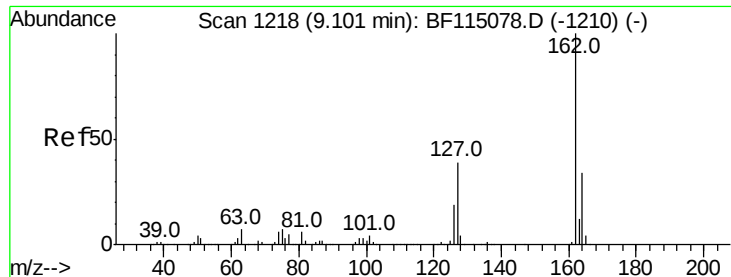
#46
1,1'-Biphenyl
Concen: 42.202 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:154 Resp: 1920620
Ion Ratio Lower Upper
154 100
153 42.0 20.9 60.9
76 13.2 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 42.098 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

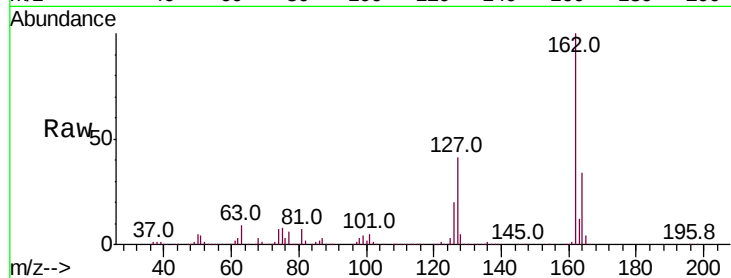
Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1554096

Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.8	46.2
164	34.0	27.0	40.4

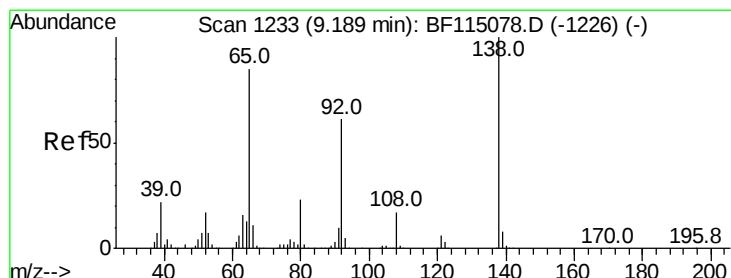
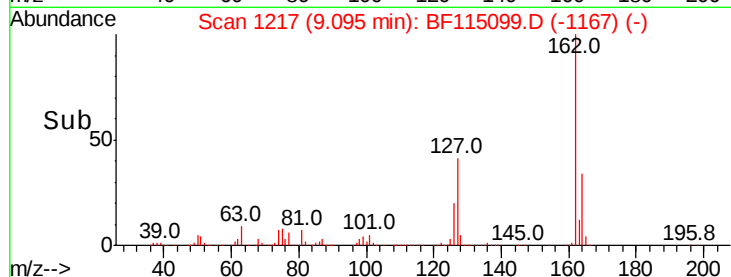
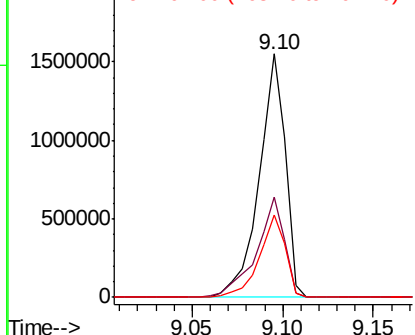


Abundance

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: 43.371 ng

RT: 9.19 min Scan# 1233

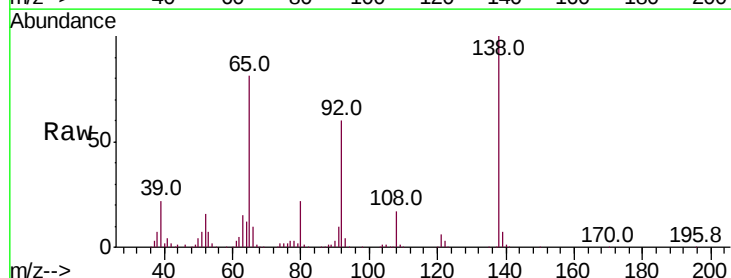
Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion: 65 Resp: 466783

Ion	Ratio	Lower	Upper
65	100		
92	73.6	57.4	86.2
138	123.4	94.1	141.1

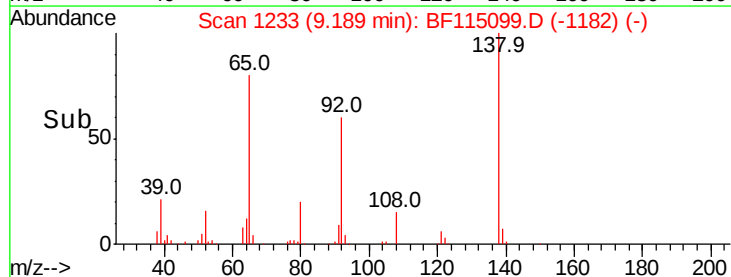
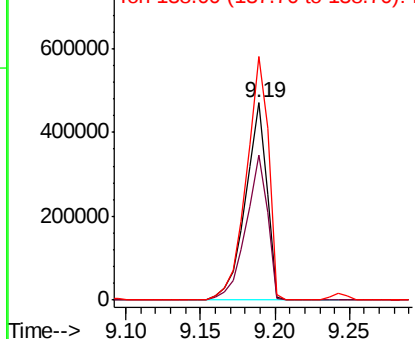


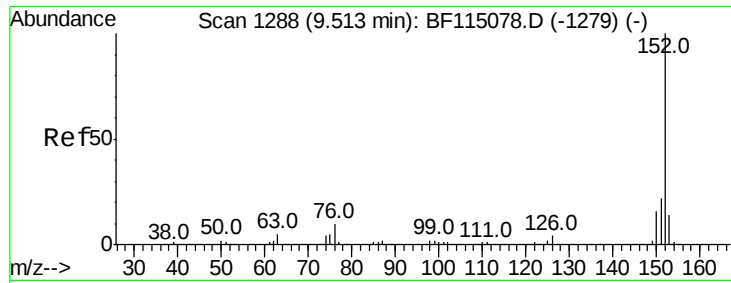
Abundance

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: 42.007 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampled :

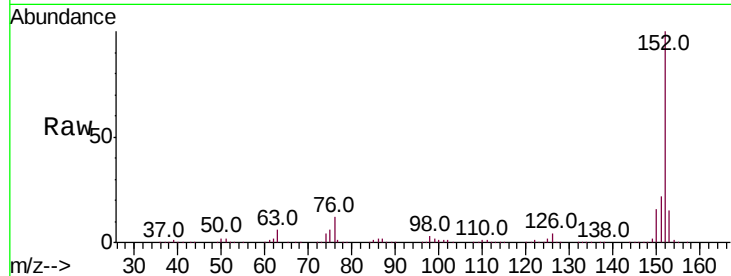
Tot Ion:152 Resp: 2416094

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

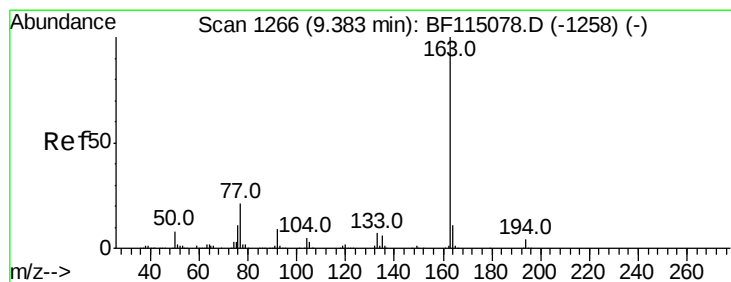
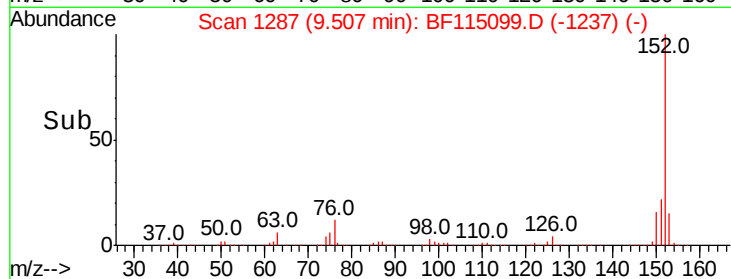
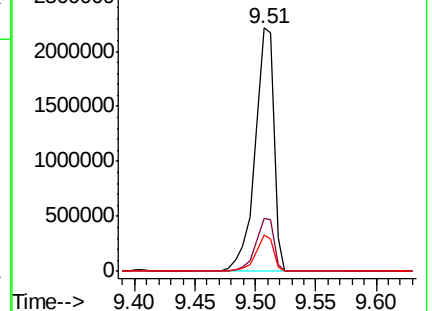
153 14.9 11.0 16.6



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: 42.979 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

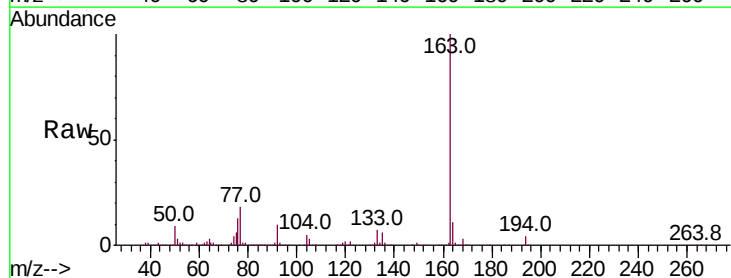
Tgt Ion:163 Resp: 1798521

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

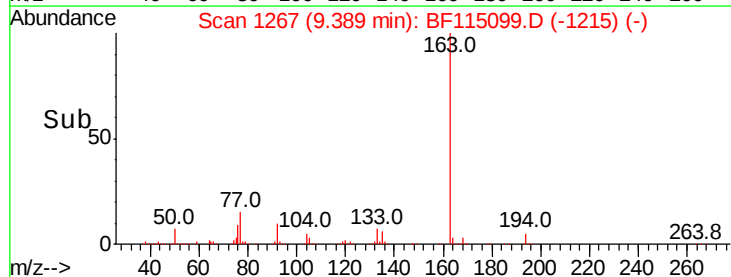
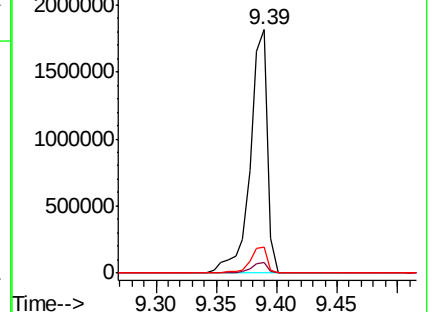
164 10.6 8.6 13.0

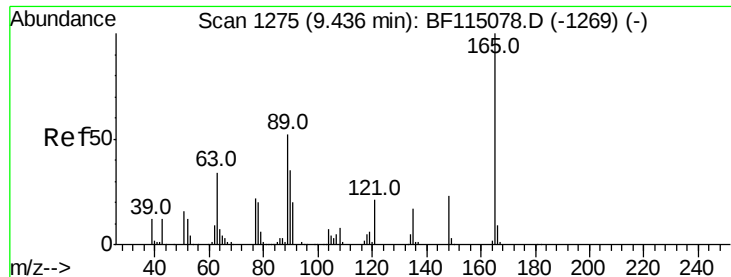


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.774 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

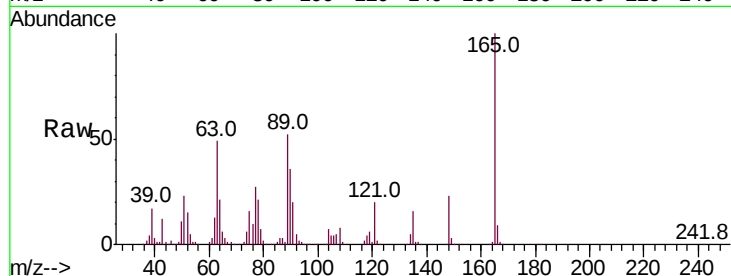
Tot Ion:165 Resp: 432562

Ion Ratio Lower Upper

165 100

63 48.7 39.4 59.2

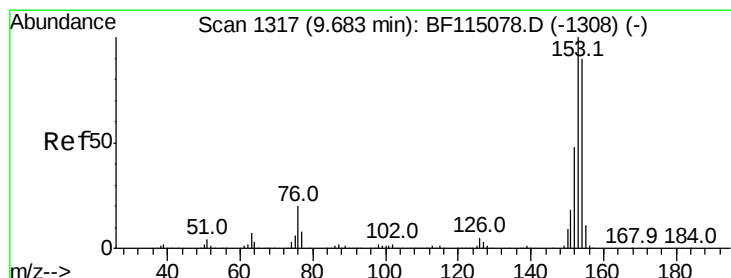
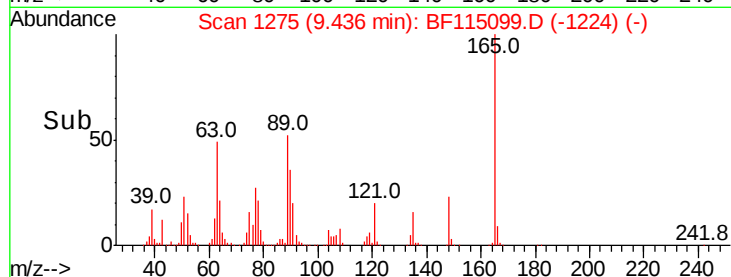
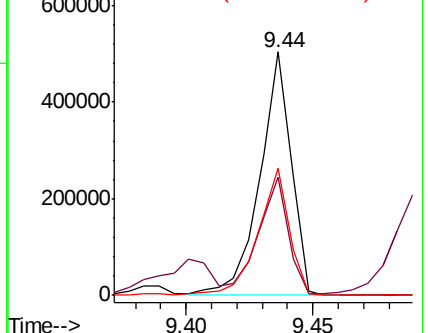
89 52.3 42.0 63.0



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: 46.406 ng

RT: 9.68 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

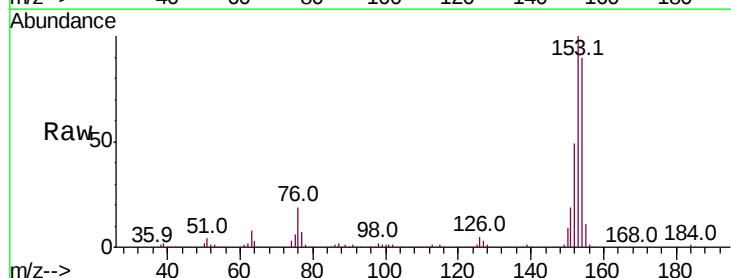
Tgt Ion:154 Resp: 1670184

Ion Ratio Lower Upper

154 100

153 111.2 88.7 133.1

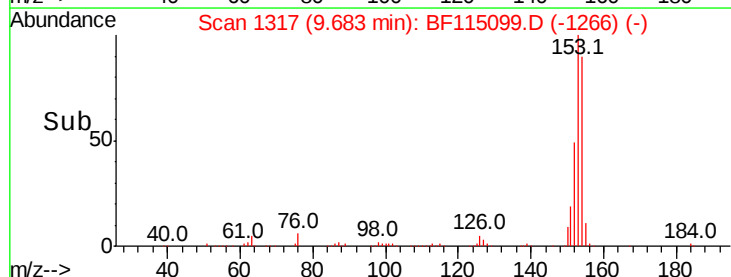
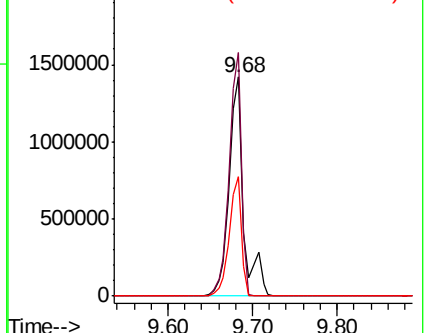
152 54.6 42.6 64.0

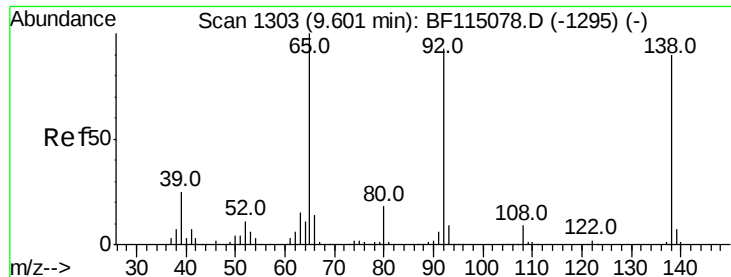


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

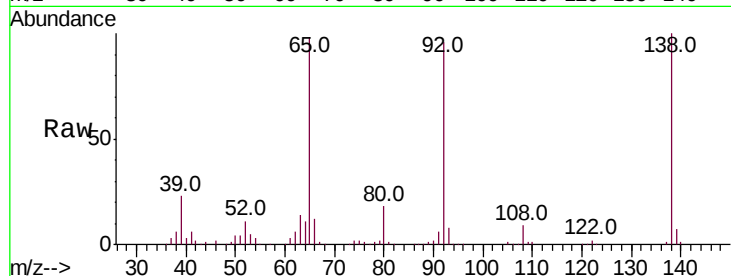




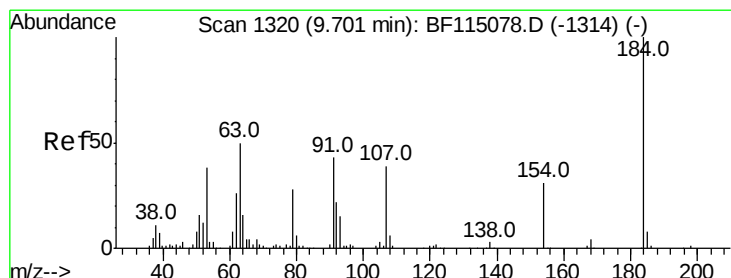
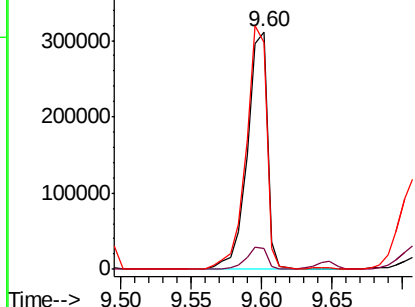
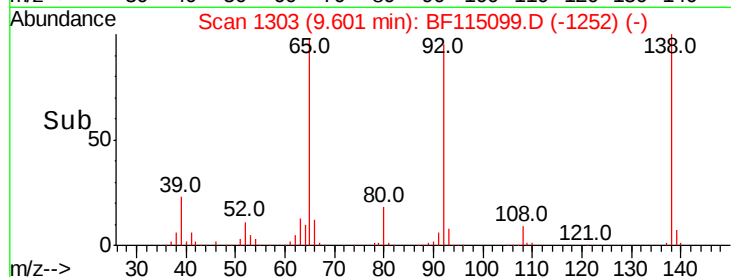
#53
3-Nitroaniline
Concen: 26.366 ng
RT: 9.60 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 310841
Ion Ratio Lower Upper
138 100
108 9.0 7.8 11.6
92 95.9 82.9 124.3

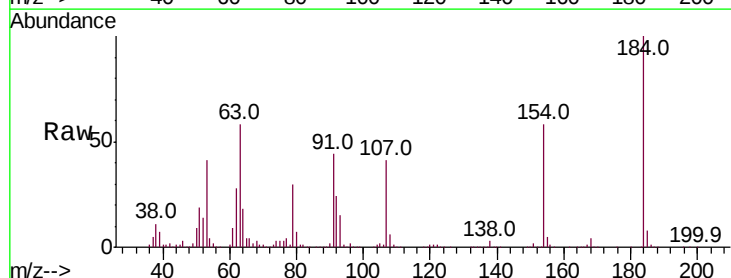


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

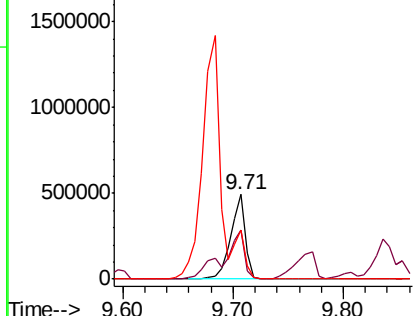
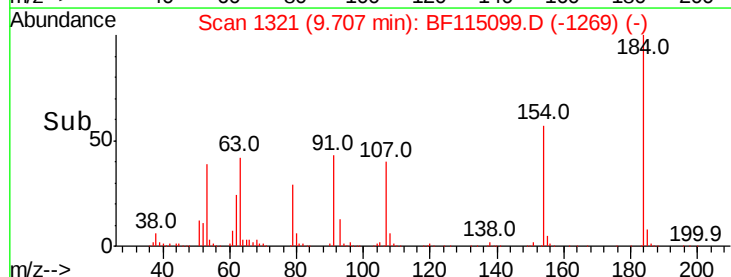


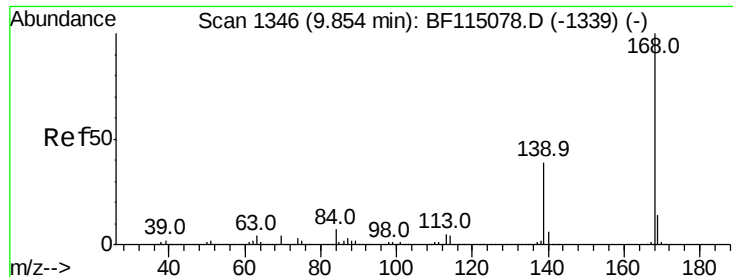
#54
2,4-Dinitrophenol
Concen: 90.798 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:184 Resp: 456803
Ion Ratio Lower Upper
184 100
63 57.5 41.9 62.9
154 57.5 44.7 67.1



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





#55

Dibenzofuran

Concen: 41.049 ng

RT: 9.85 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

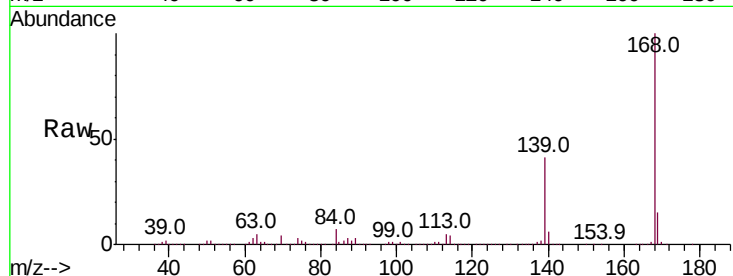
Tot Ion:168 Resp: 2120435

Ion Ratio Lower Upper

168 100

139 40.5 31.1 46.7

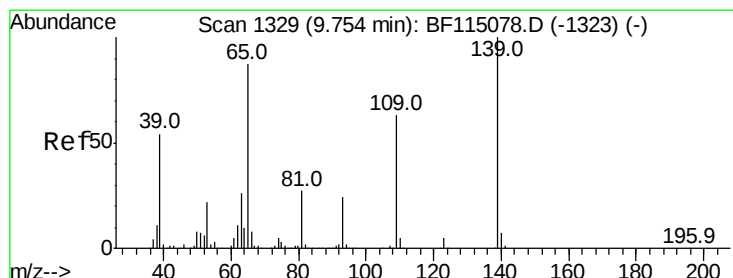
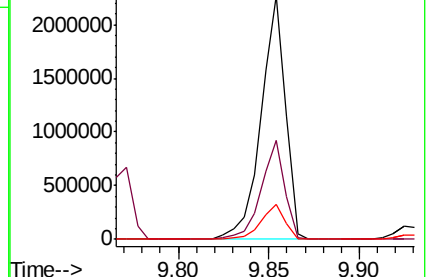
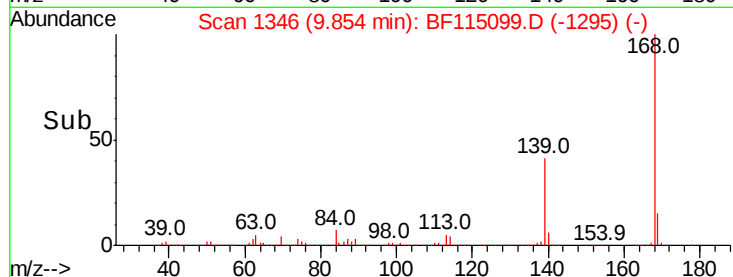
169 14.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.211 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

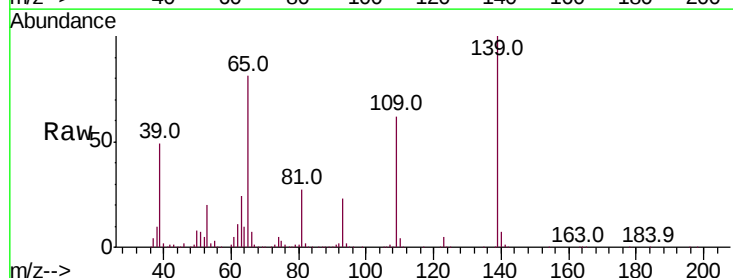
Tgt Ion:139 Resp: 805387

Ion Ratio Lower Upper

139 100

109 62.0 43.0 83.0

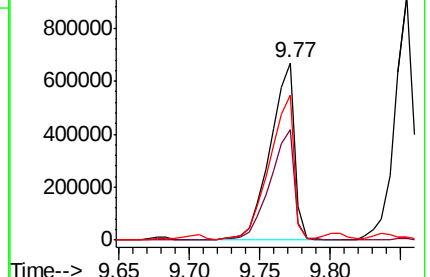
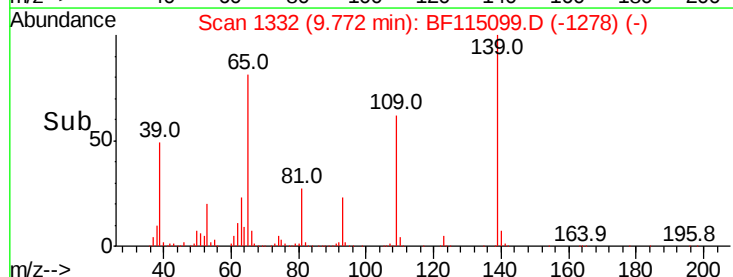
65 81.4 67.0 107.0

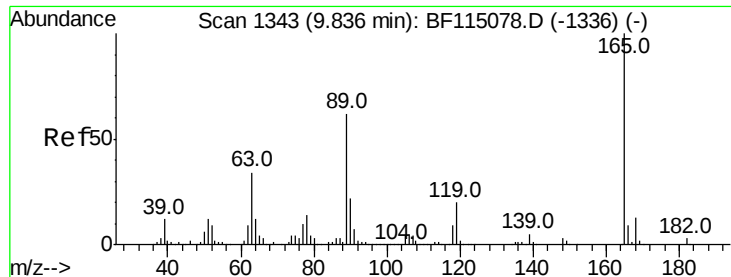


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

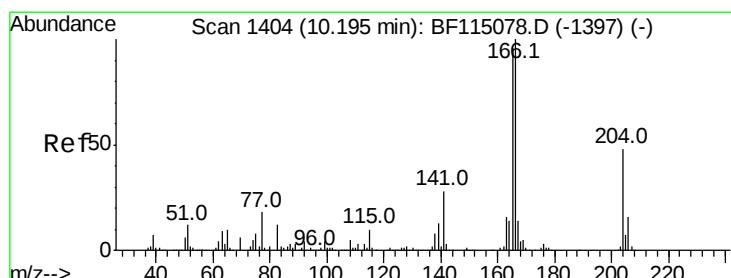
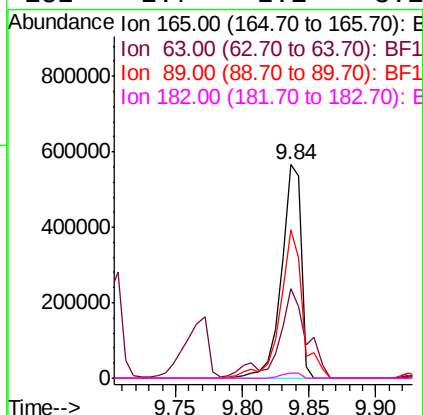
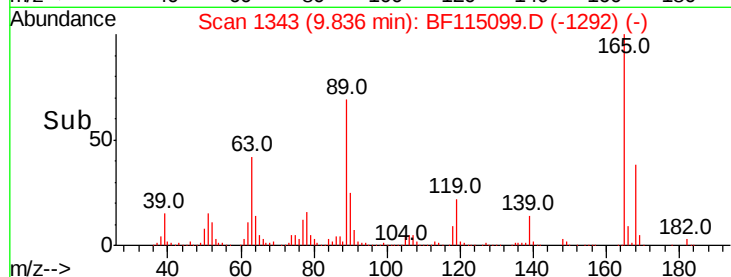
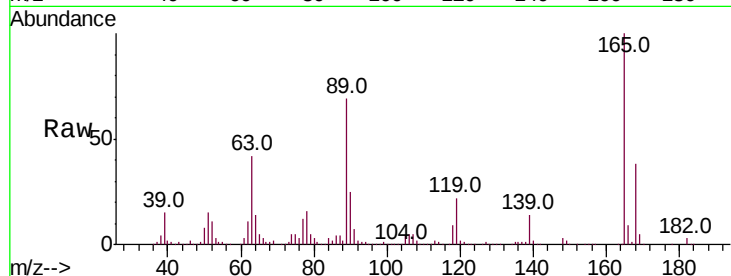




#57
2,4-Dinitrotoluene
Concen: 47.254 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

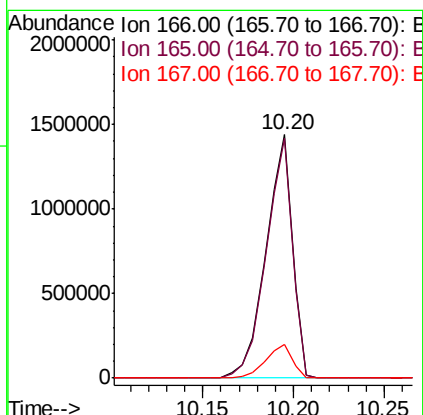
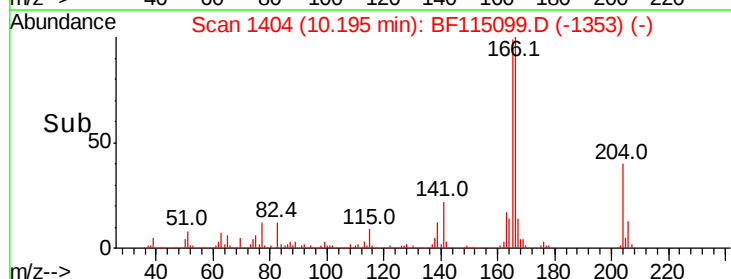
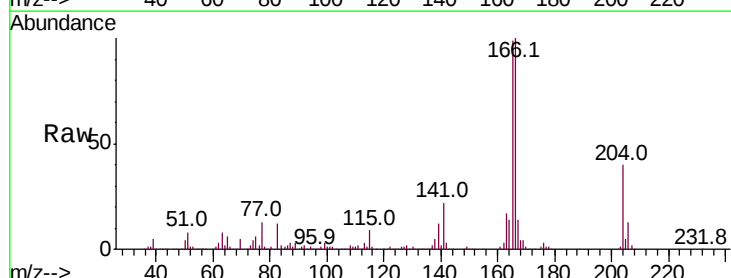
Instrument :
BNA_F
ClientSampleId :

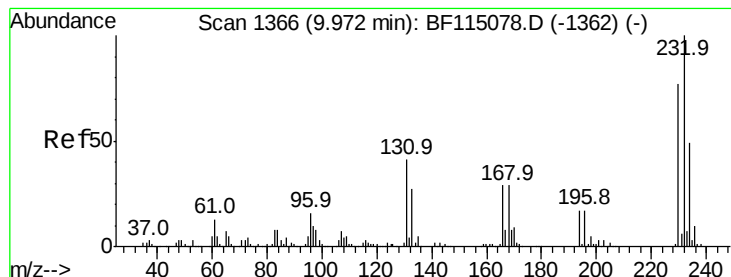
Tot Ion:165 Resp: 589458
Ion Ratio Lower Upper
165 100
63 41.8 27.5 41.3#
89 69.4 49.9 74.9
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.041 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:166 Resp: 1460794
Ion Ratio Lower Upper
166 100
165 98.6 76.5 114.7
167 14.0 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.108 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 494047

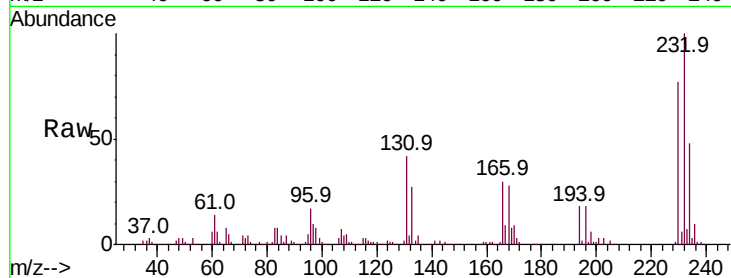
Ion Ratio Lower Upper

232 100

131 47.0 37.4 56.0

130 2.2 1.8 2.6

166 30.3 24.6 36.8

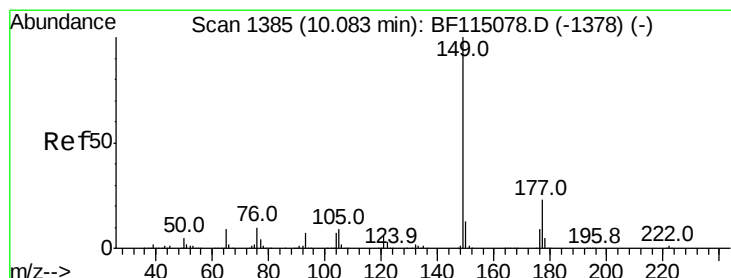
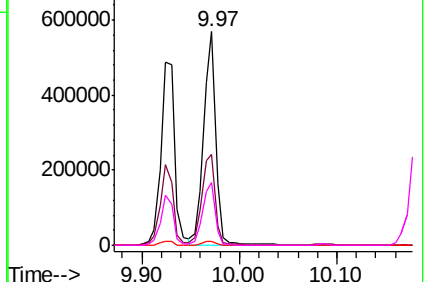
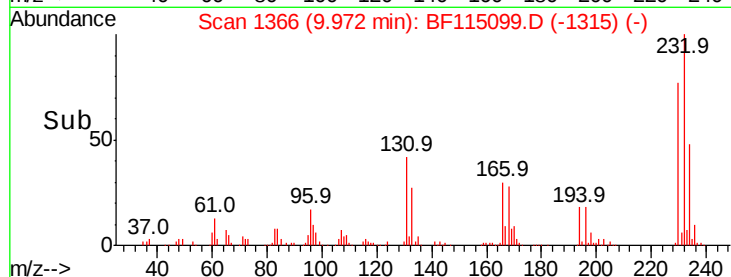


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.000 ng

RT: 10.09 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

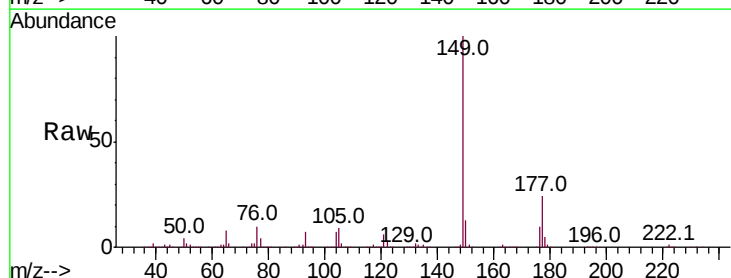
Tgt Ion:149 Resp: 1808762

Ion Ratio Lower Upper

149 100

177 24.1 18.7 28.1

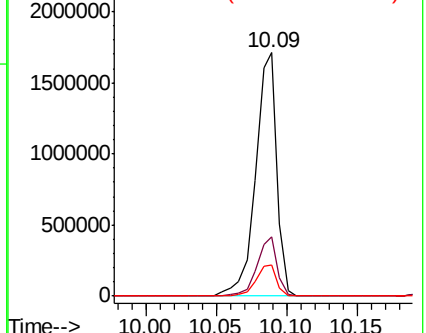
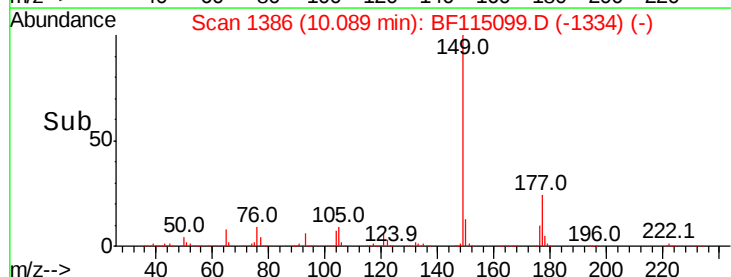
150 12.9 10.4 15.6

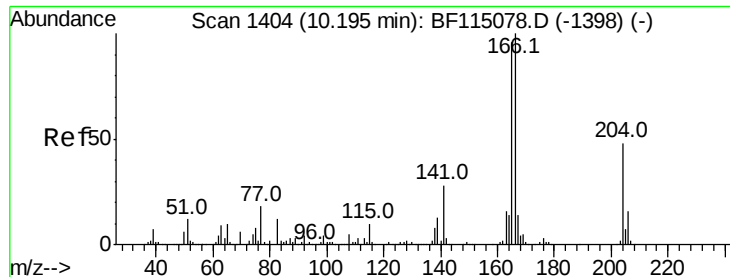


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

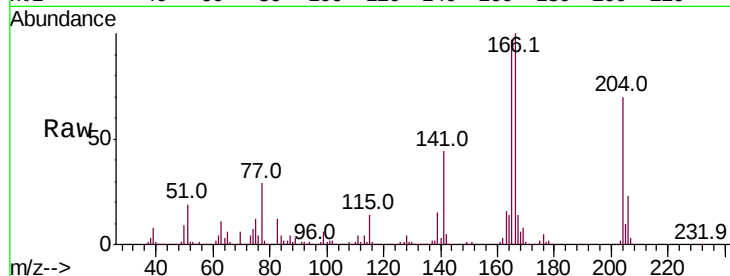




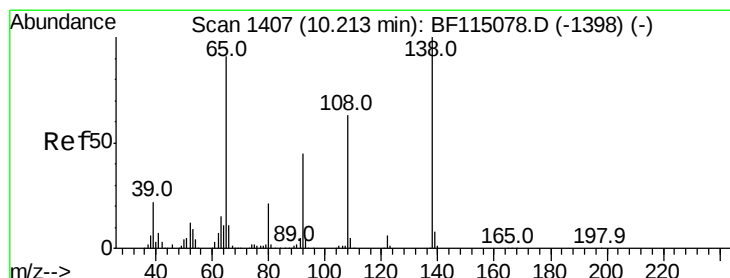
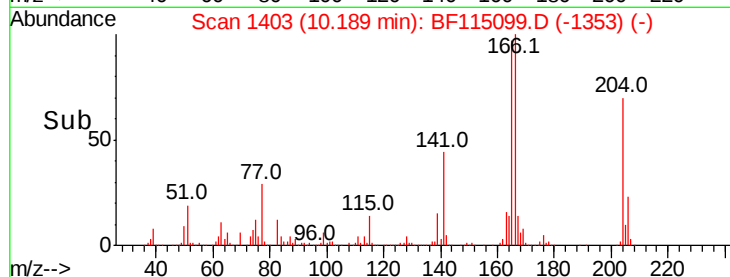
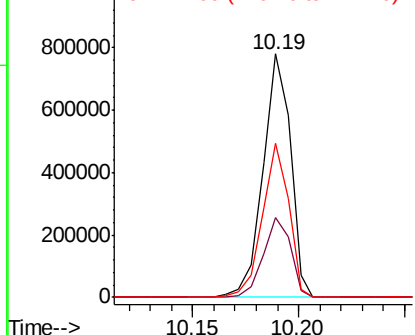
#61
4-Chlorophenyl-phenylether
Concen: 42.962 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 707196
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 63.1 46.7 70.1

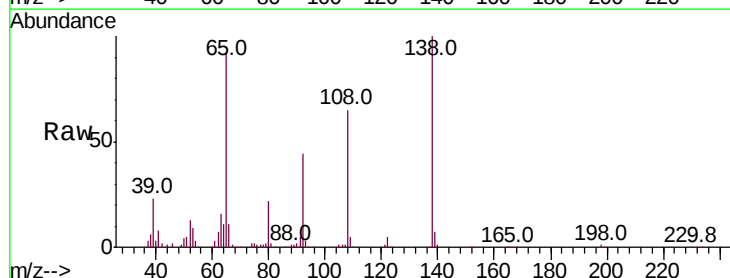


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

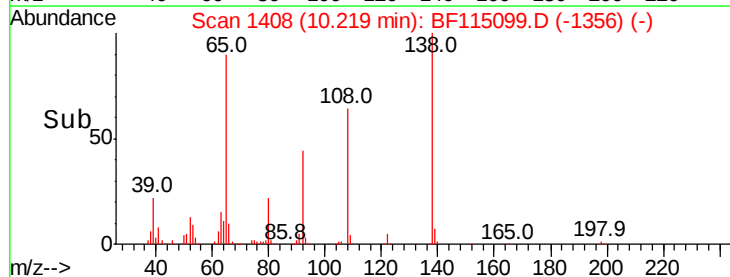
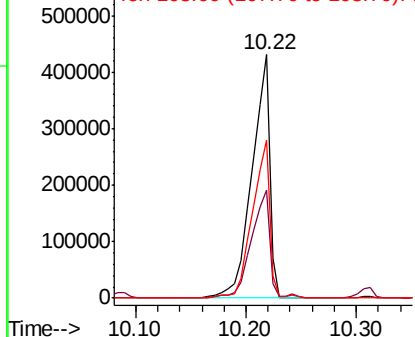


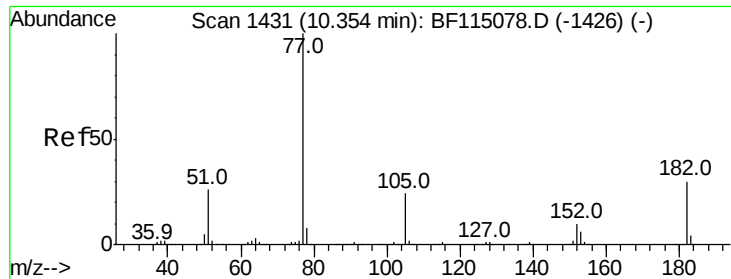
#62
4-Nitroaniline
Concen: 41.409 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:138 Resp: 489752
Ion Ratio Lower Upper
138 100
92 44.5 24.8 64.8
108 64.6 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

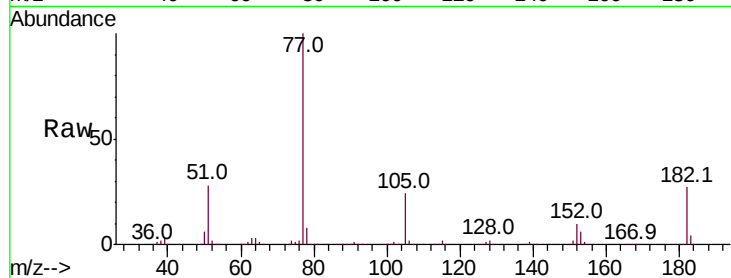




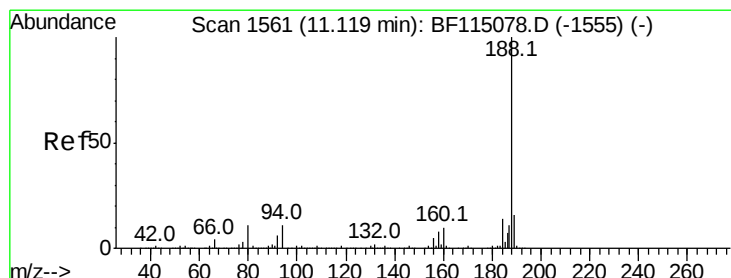
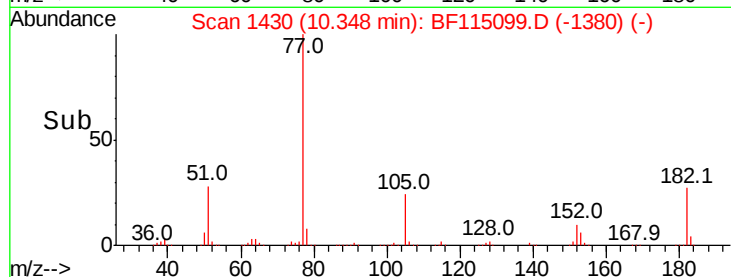
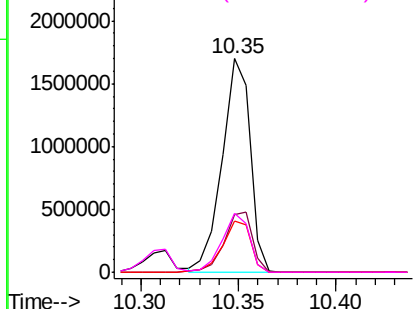
#63
Azobenzene
Concen: 43.091 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1693001
Ion Ratio Lower Upper
77 100
182 27.2 10.1 50.1
105 23.9 4.5 44.5
51 27.7 6.4 46.4

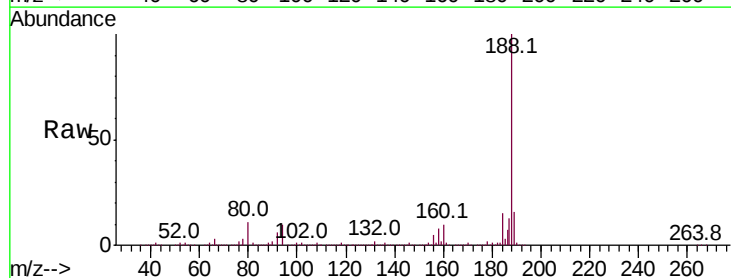


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

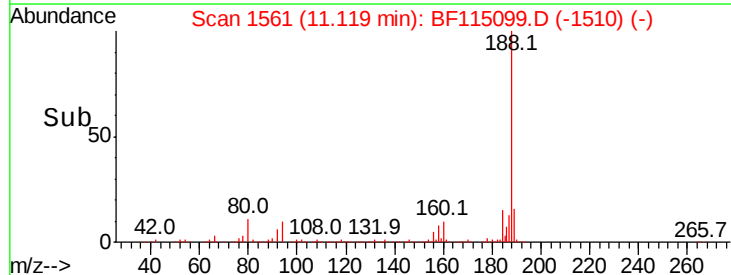
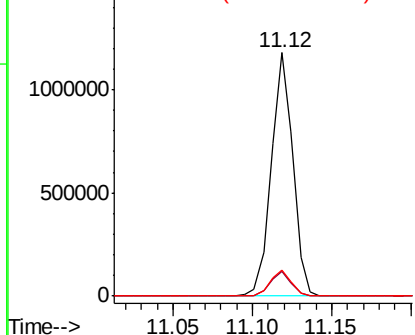


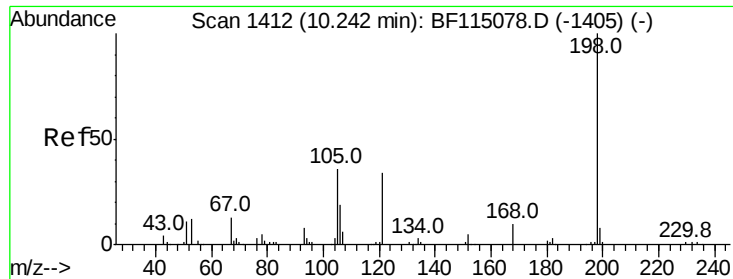
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion: 188 Resp: 1123683
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.5 8.8 13.2



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

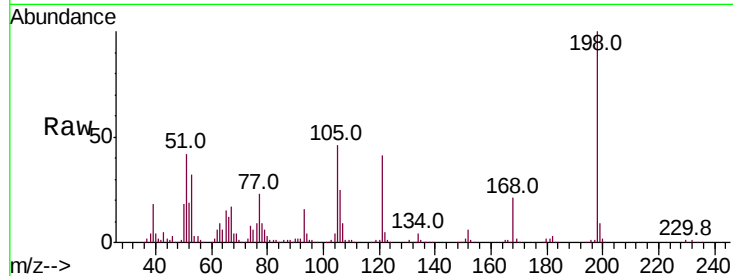




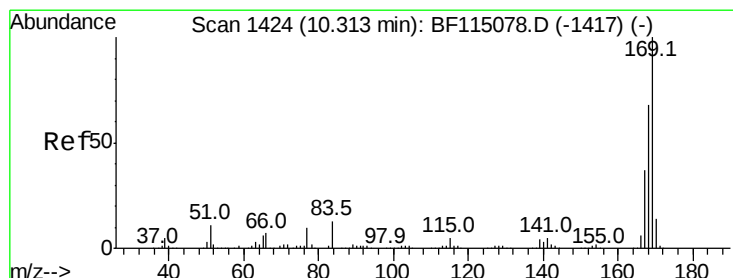
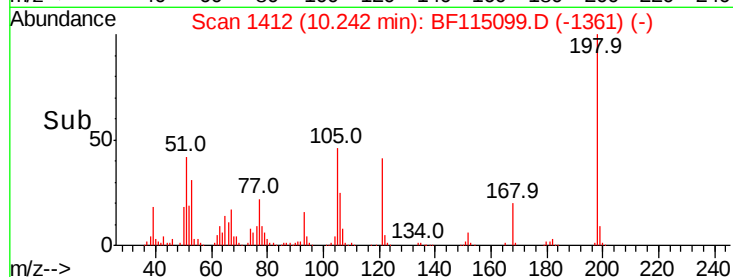
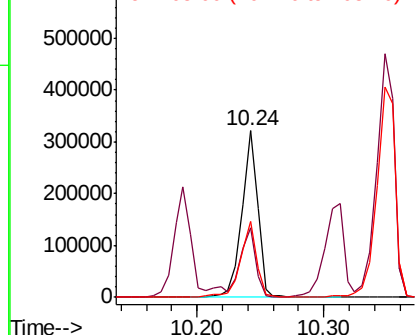
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.424 ng
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 276483
 Ion Ratio Lower Upper
 198 100
 51 41.7 11.0 51.0
 105 45.9 17.3 57.3

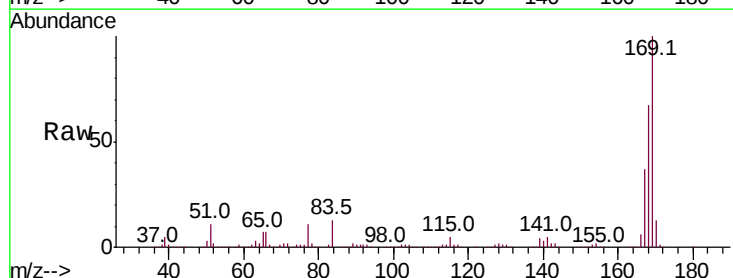


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

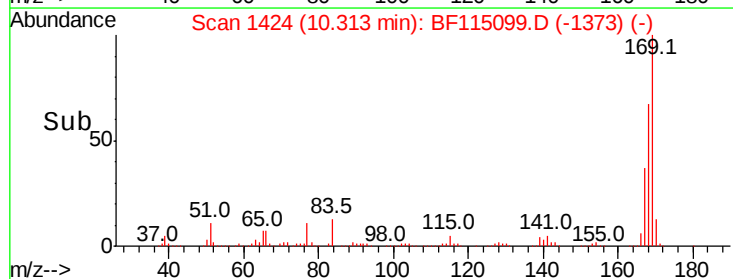
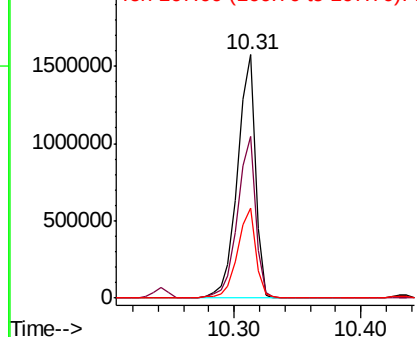


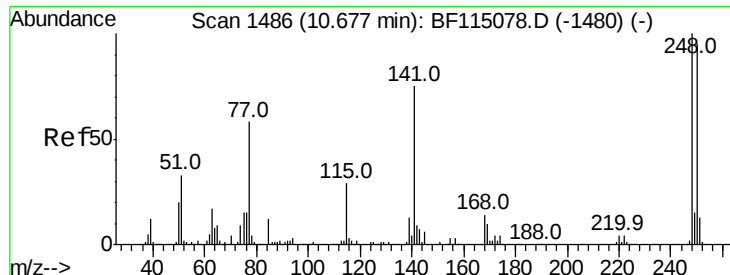
#66
 n-Nitrosodiphenylamine
 Concen: 43.402 ng
 RT: 10.31 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:169 Resp: 1519423
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.2 81.4
 167 37.2 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

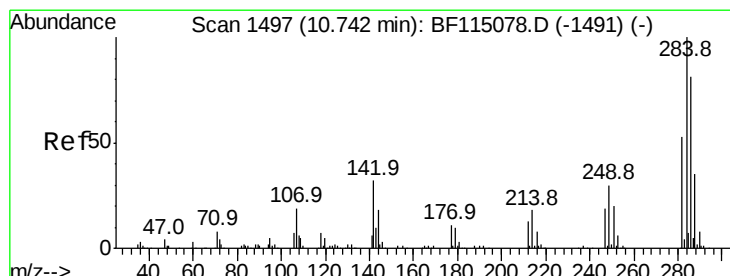
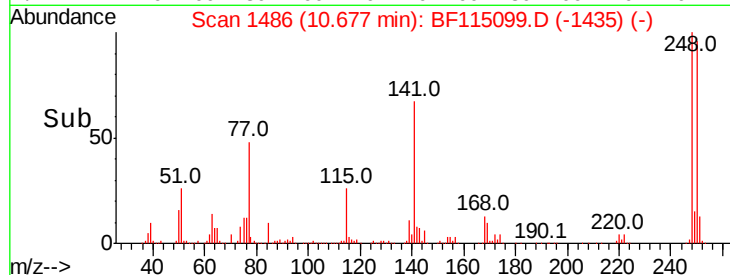
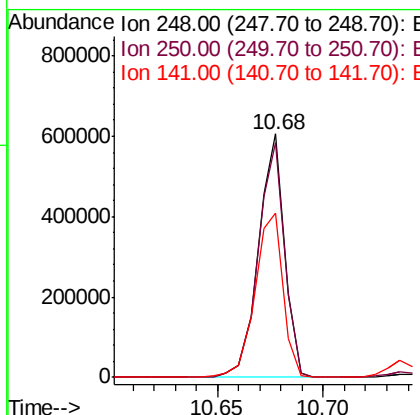
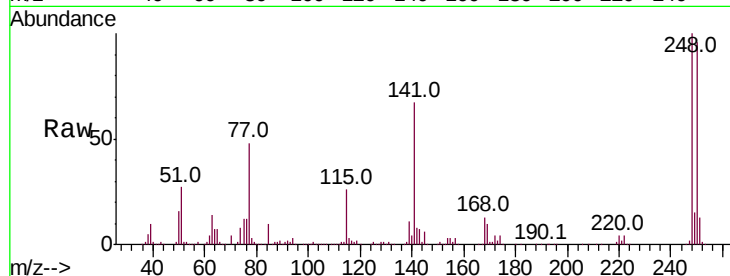




#67
 4-Bromophenyl-phenylether
 Concen: 42.852 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

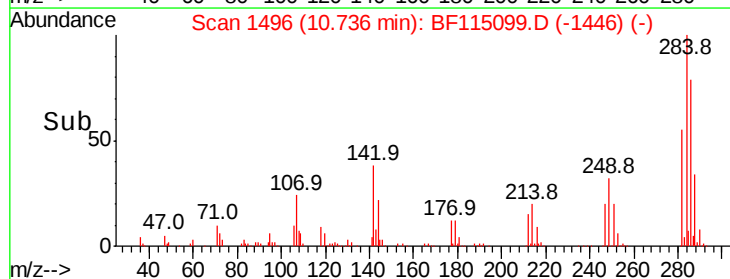
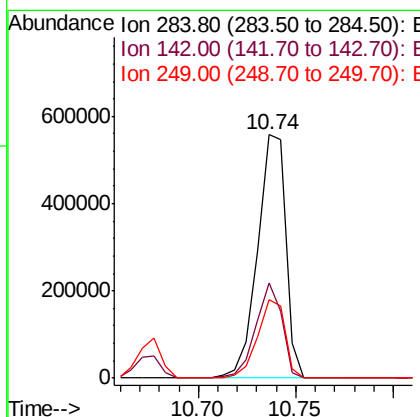
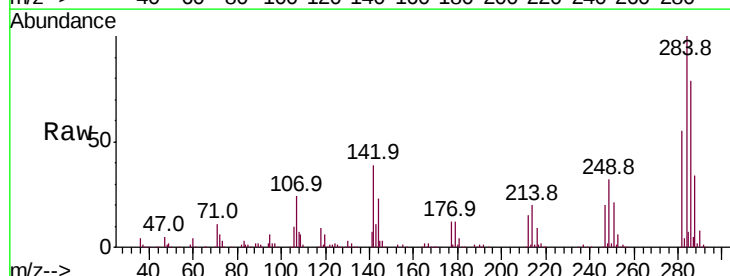
Instrument :
 BNA_F
 ClientSampleId :

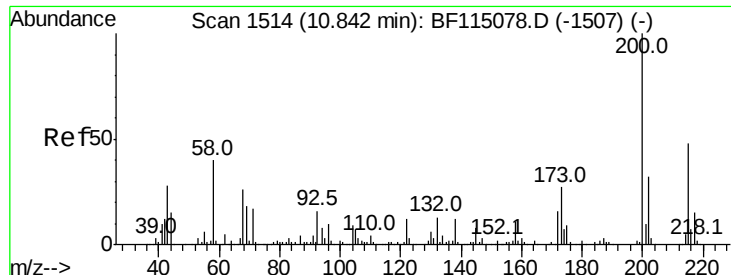
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.2	114.2
141	67.4	59.6	89.4



#68
 Hexachlorobenzene
 Concen: 42.455 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	25.8	38.8#
249	32.2	24.2	36.4

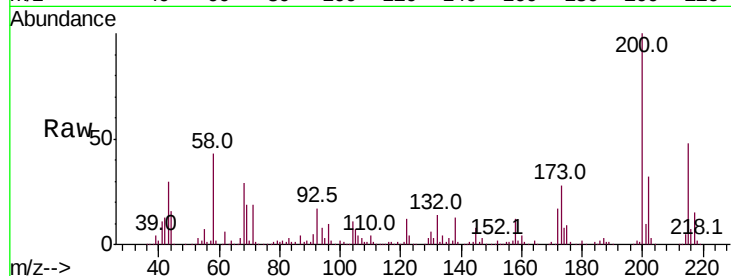




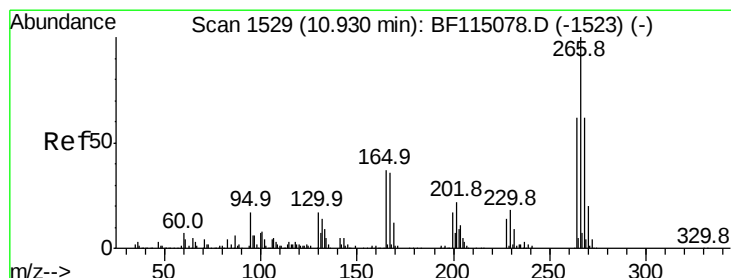
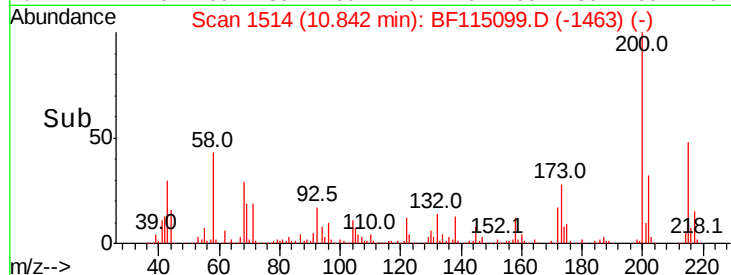
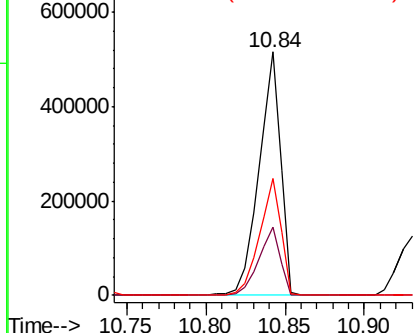
#69
Atrazine
Concen: 43.792 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.4	47.4
215	47.9	27.8	67.8

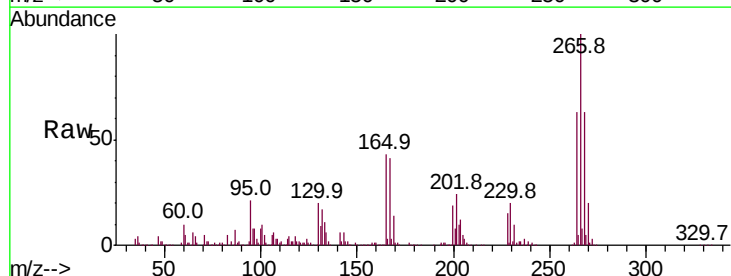


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

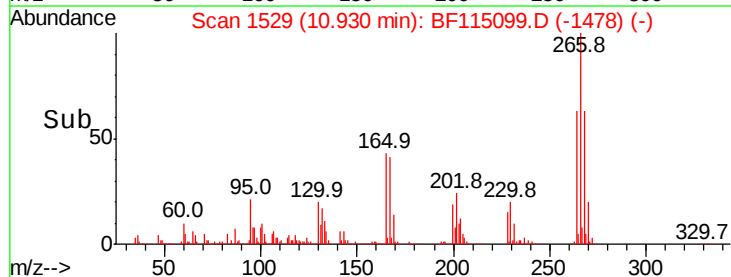
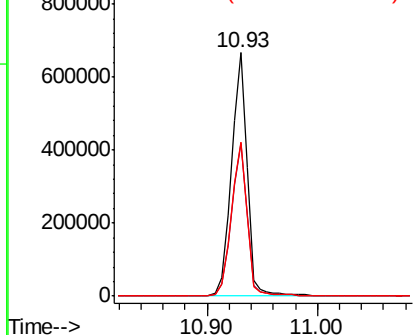


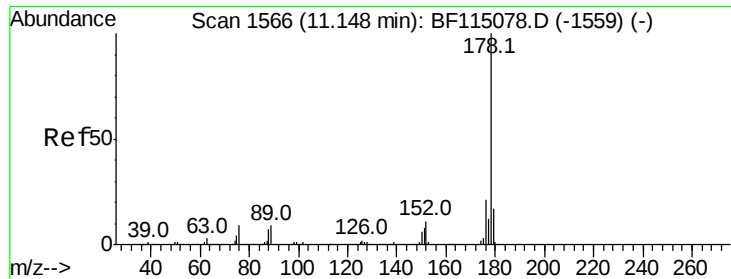
#70
Pentachlorophenol
Concen: 79.739 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.5	74.3
264	63.4	49.3	73.9



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

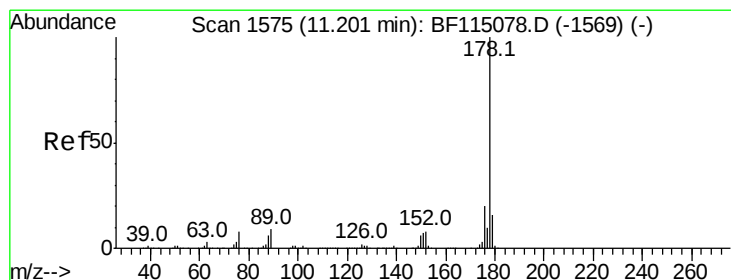
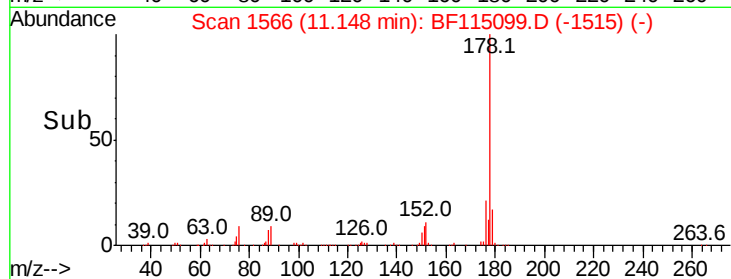
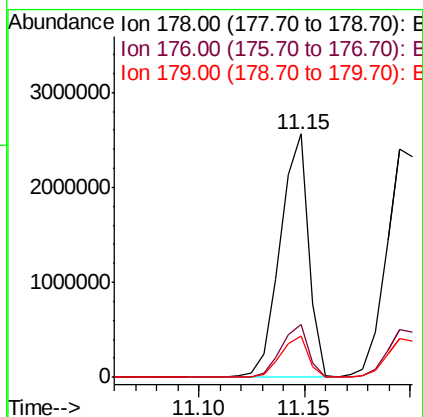
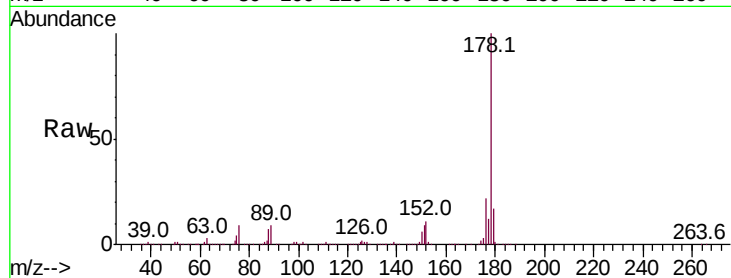




#71
Phenanthrene
Concen: 39.925 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

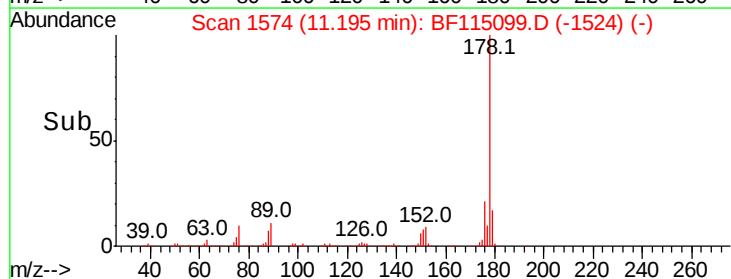
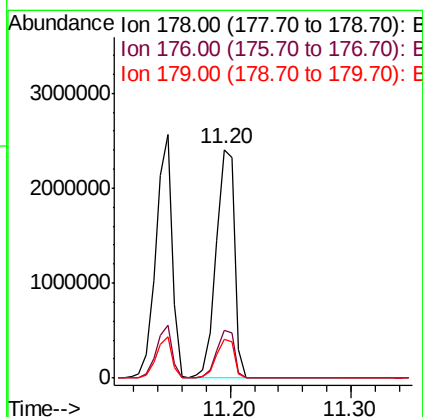
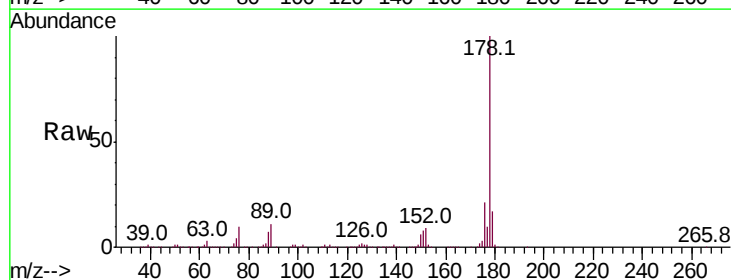
Instrument :
BNA_F
ClientSampleId :

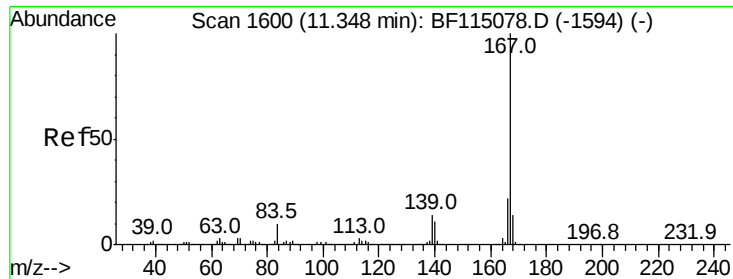
Tot Ion:178 Resp: 2415494
Ion Ratio Lower Upper
178 100
176 21.6 16.9 25.3
179 16.9 13.2 19.8



#72
Anthracene
Concen: 40.944 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:178 Resp: 2500486
Ion Ratio Lower Upper
178 100
176 20.9 16.1 24.1
179 17.1 12.9 19.3



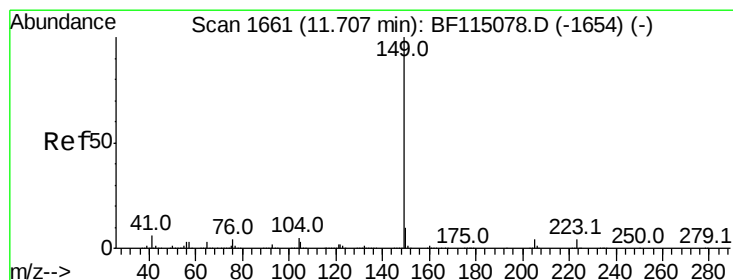
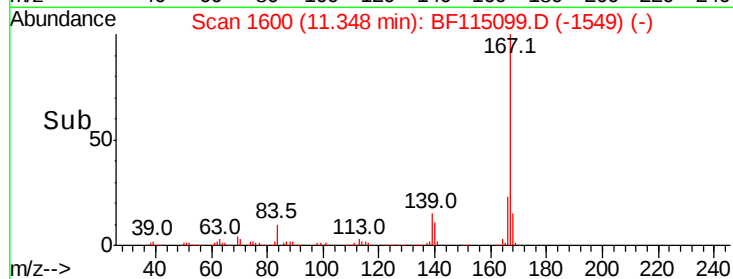
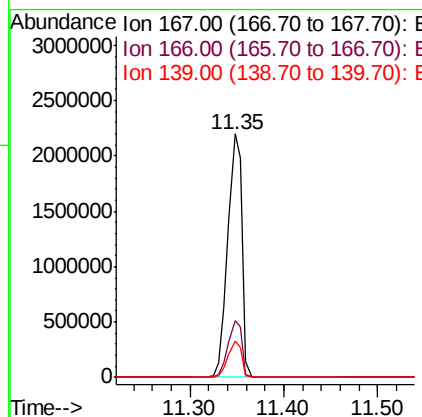
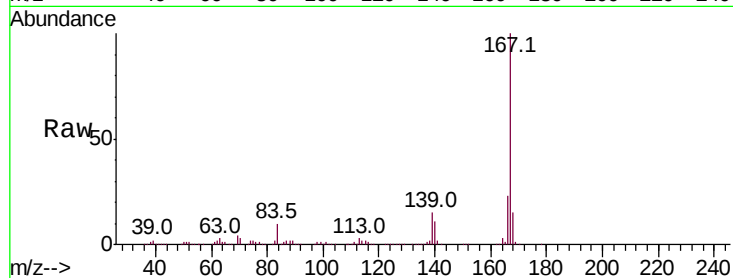


#73
 Carbazole
 Concen: 42.629 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2324771

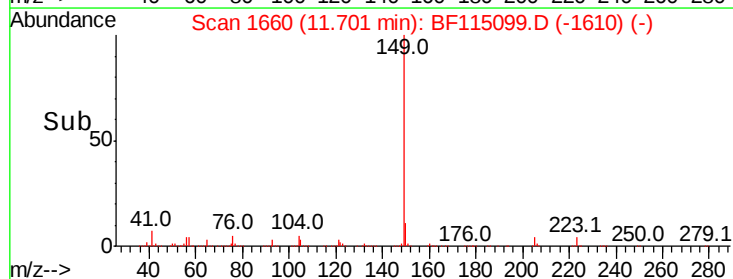
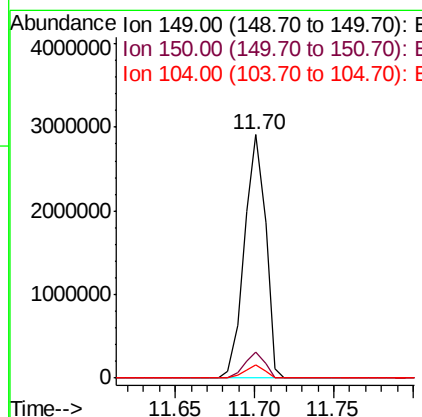
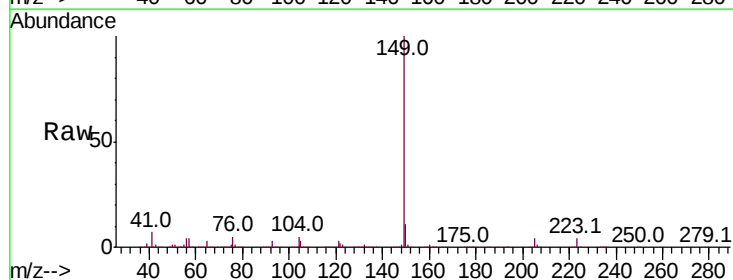
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.8	11.1	16.7

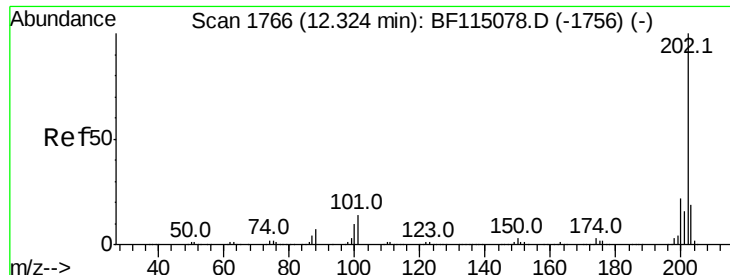


#74
 Di-n-butylphthalate
 Concen: 42.619 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:149 Resp: 2685756

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.8
104	5.3	3.7	5.5

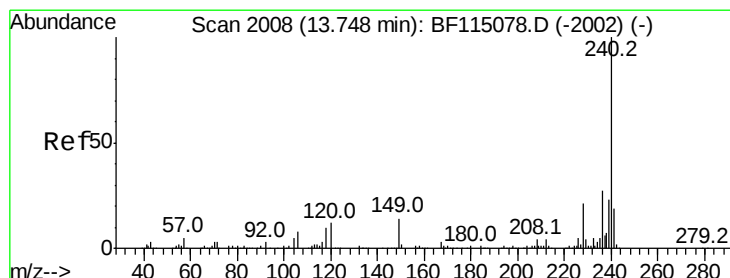
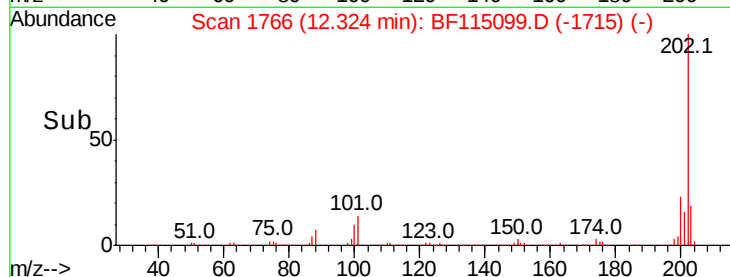
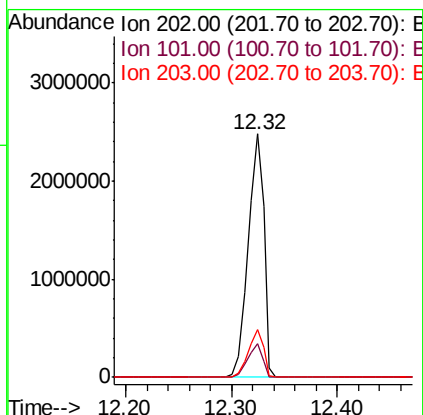
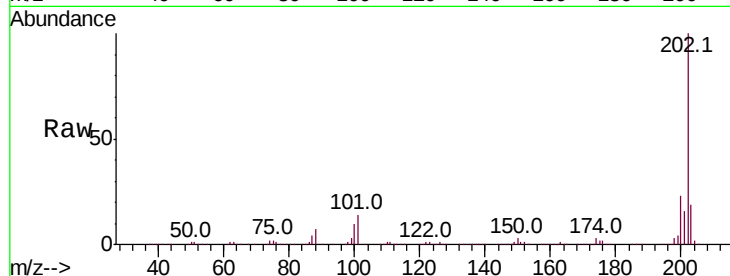




#75
 Fluoranthene
 Concen: 42.482 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

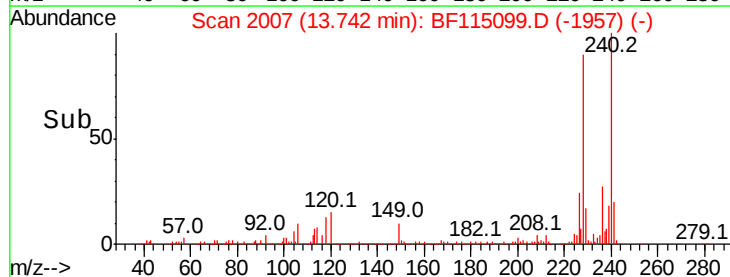
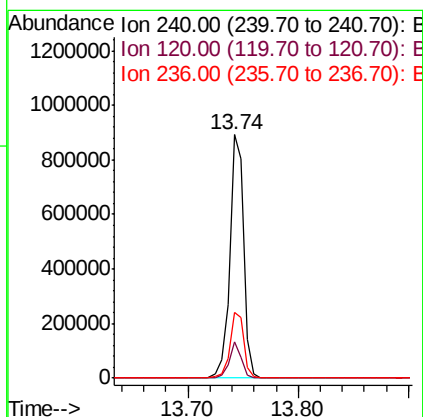
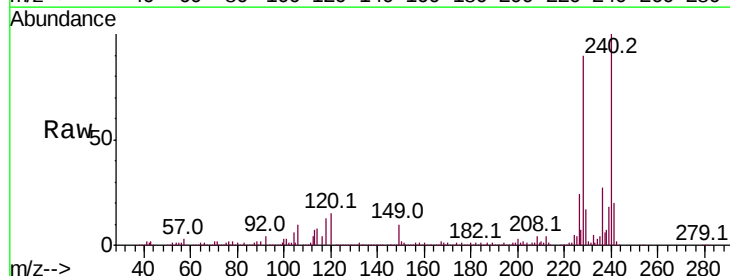
Instrument :
 BNA_F
 ClientSampleId :

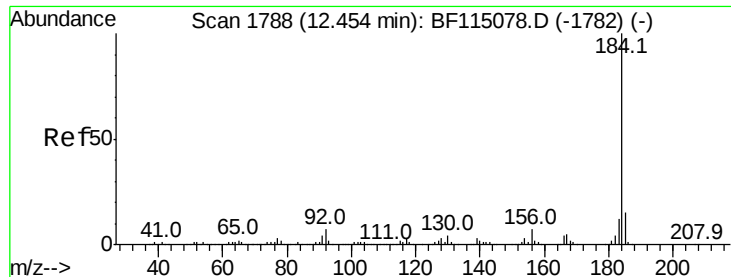
Tot Ion:202 Resp: 2564374
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.0
 203 19.4 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:240 Resp: 782271
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.4 14.2#
 236 27.2 21.7 32.5





#77

Benzidine

Concen: 16.093 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

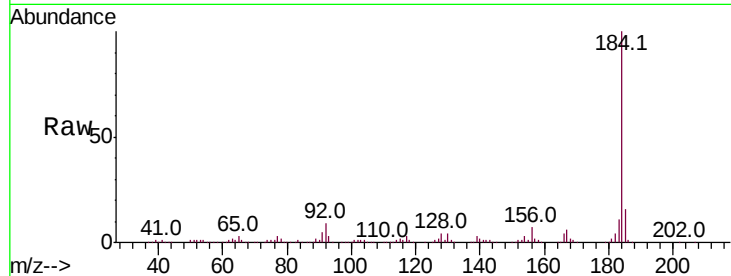
Tot Ion:184 Resp: 559005

Ion Ratio Lower Upper

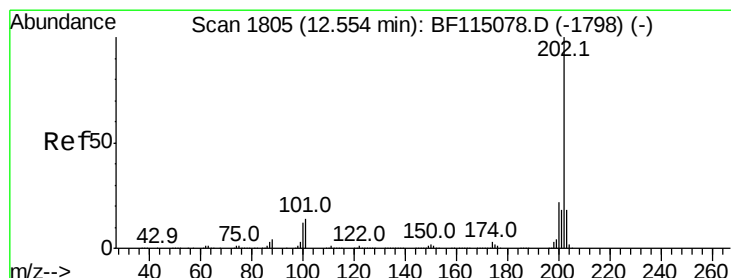
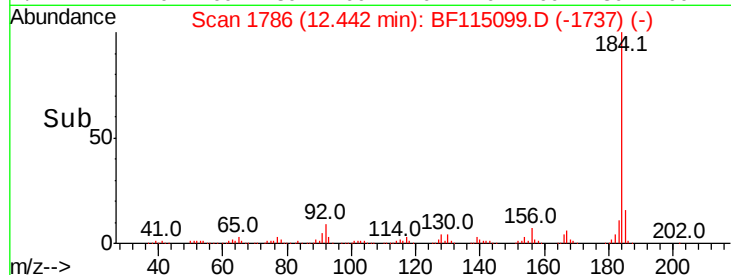
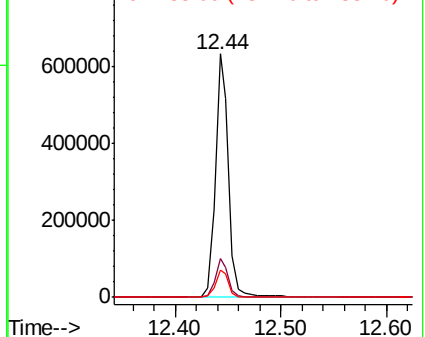
184 100

185 16.0 12.2 18.2

183 11.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.917 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

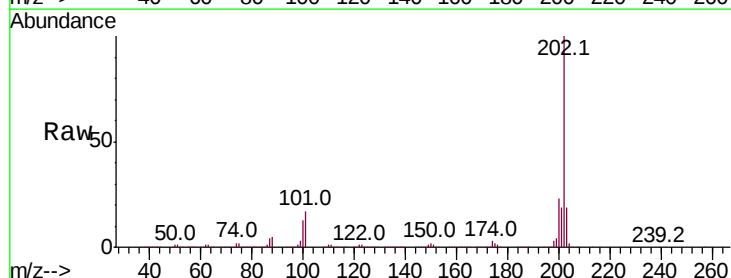
Tgt Ion:202 Resp: 2580082

Ion Ratio Lower Upper

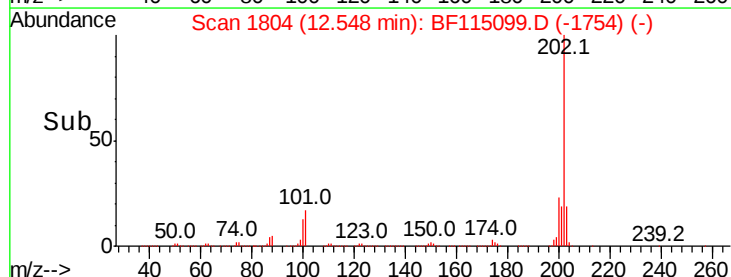
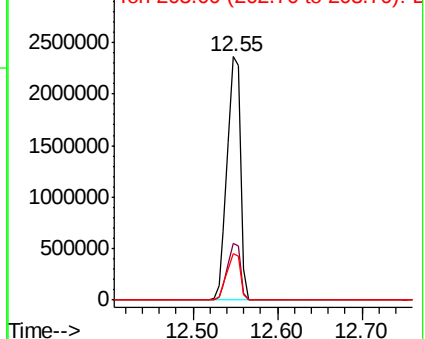
202 100

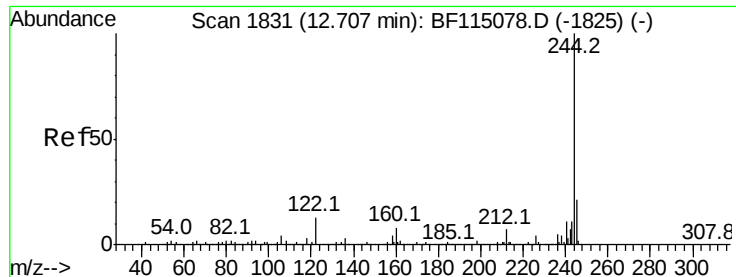
200 23.1 17.9 26.9

203 19.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.818 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

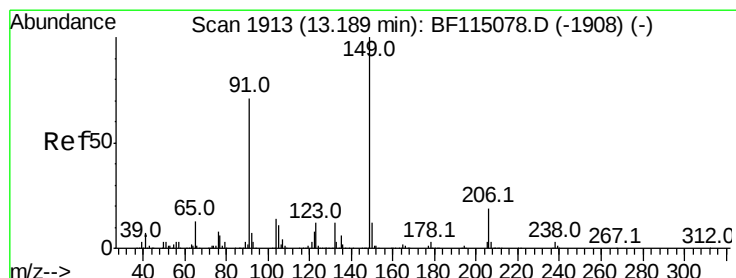
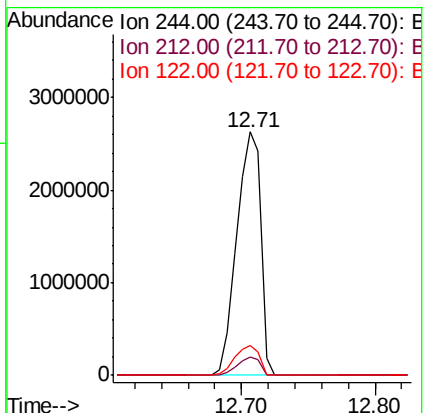
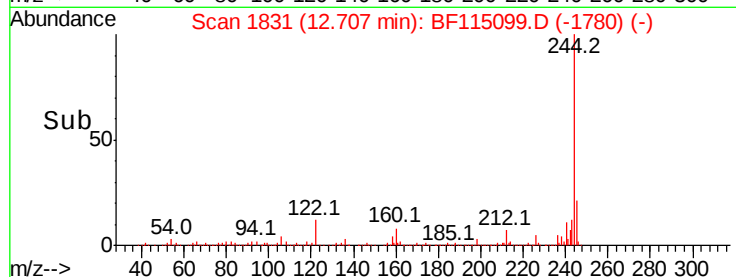
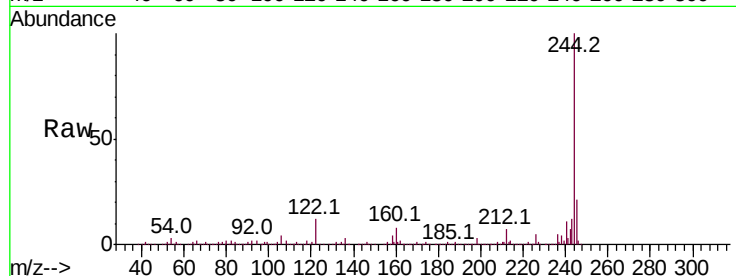
Tot Ion:244 Resp: 3267862

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 12.1 10.4 15.6



#80

Butylbenzylphthalate

Concen: 46.312 ng

RT: 13.19 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

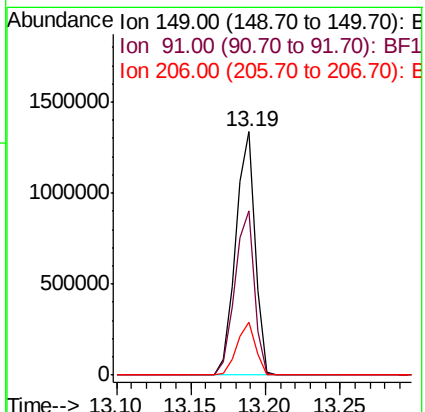
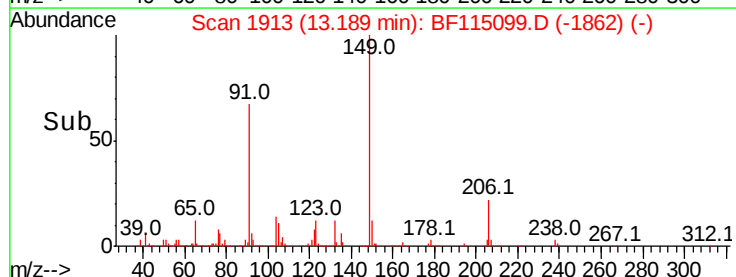
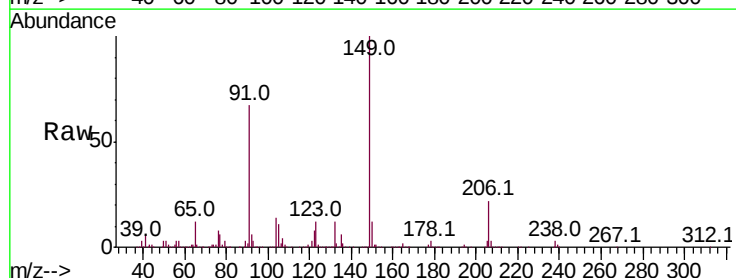
Tgt Ion:149 Resp: 1228686

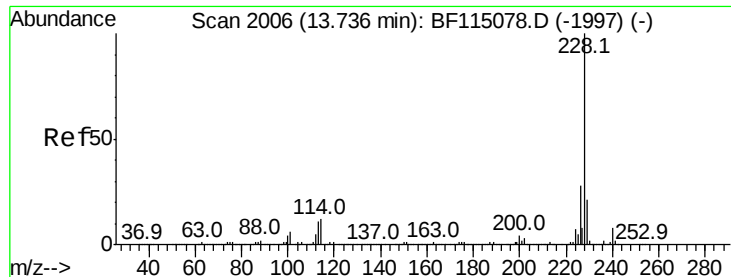
Ion Ratio Lower Upper

149 100

91 67.3 56.5 84.7

206 21.5 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.141 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

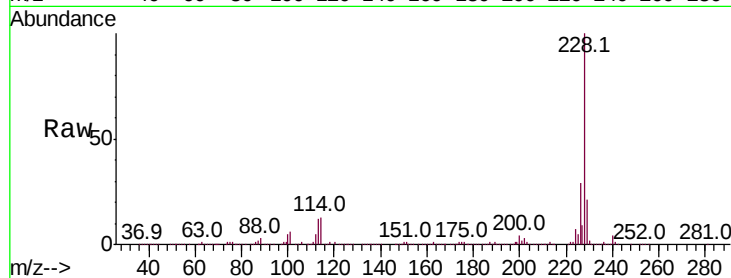
Tot Ion:228 Resp: 2365418

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

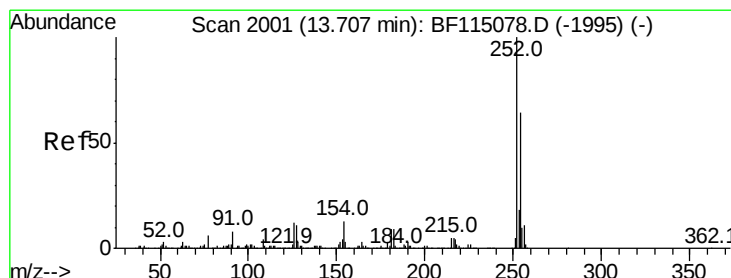
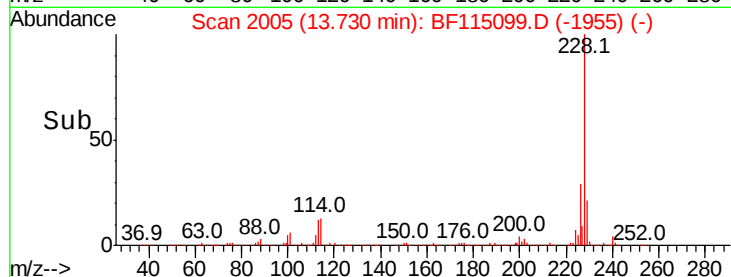
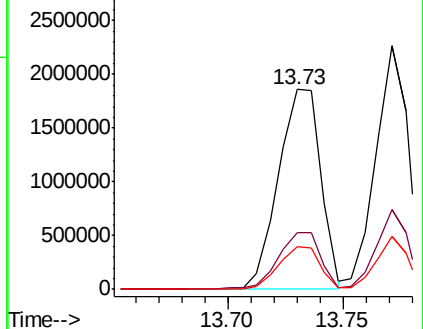
229 21.2 16.6 24.8



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: 28.883 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

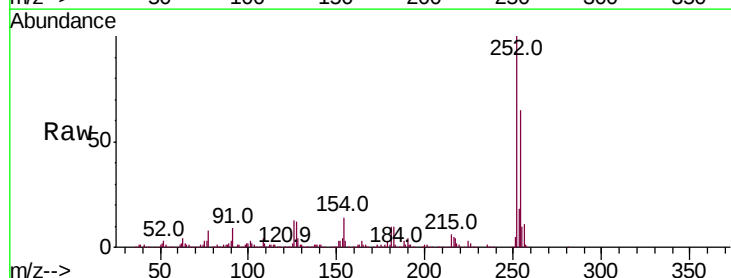
Tgt Ion:252 Resp: 585450

Ion Ratio Lower Upper

252 100

254 65.1 51.1 76.7

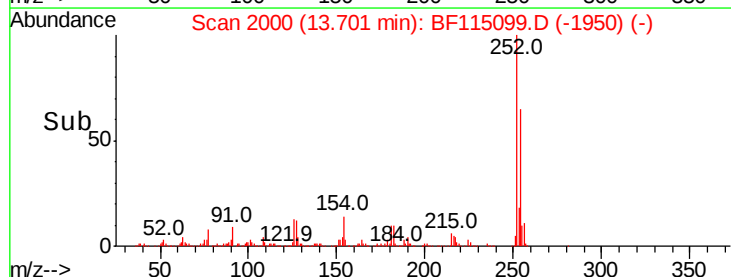
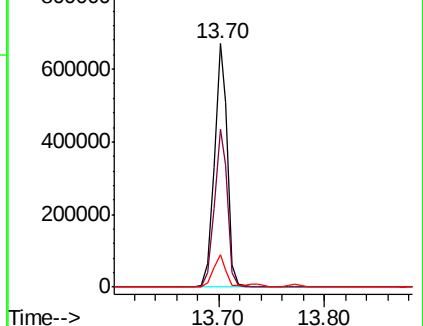
126 13.5 9.4 14.0

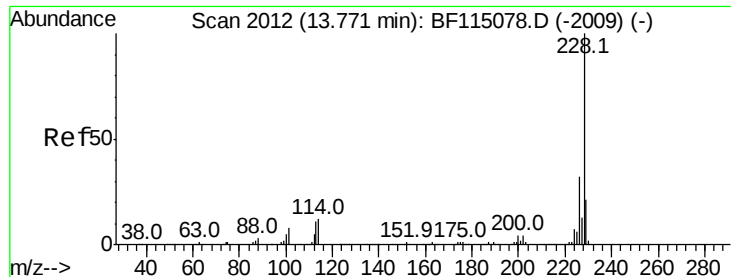


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.532 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

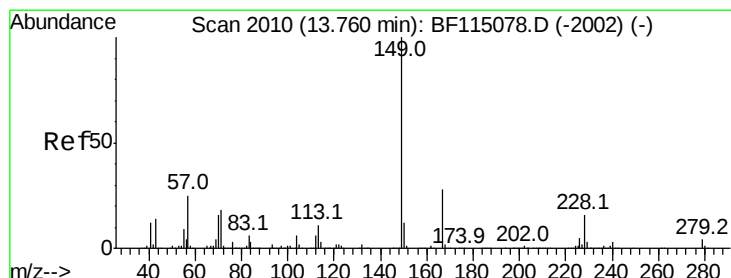
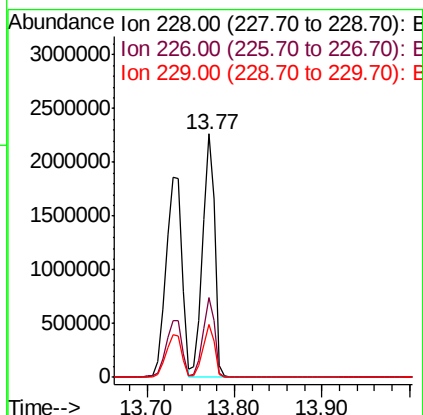
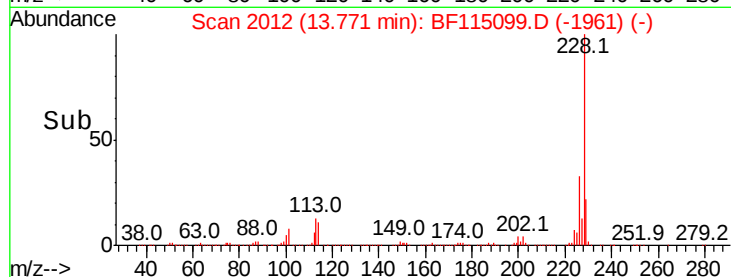
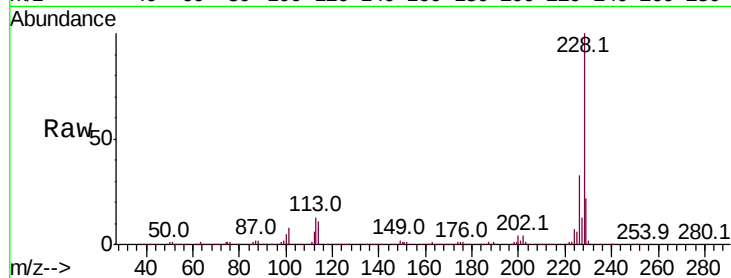
Tot Ion:228 Resp: 2186844

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

229 21.6 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.506 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

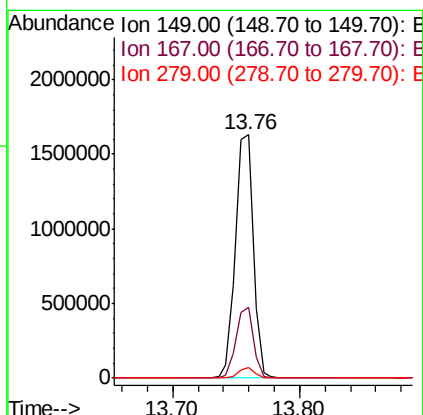
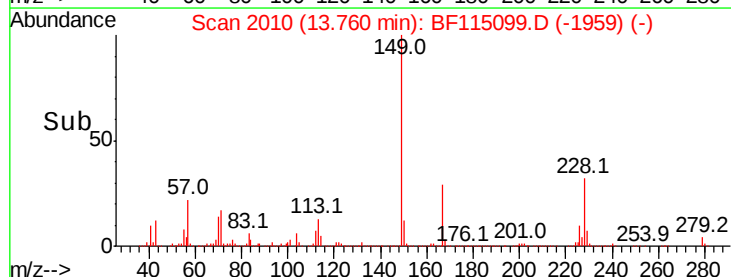
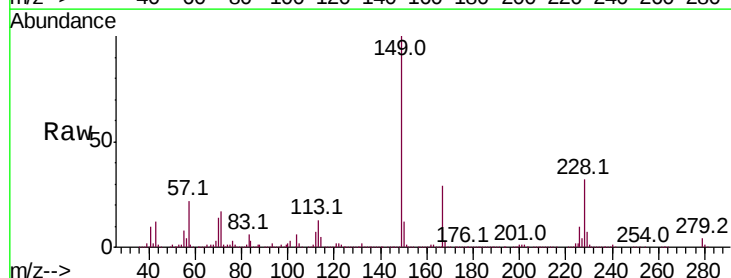
Tgt Ion:149 Resp: 1581956

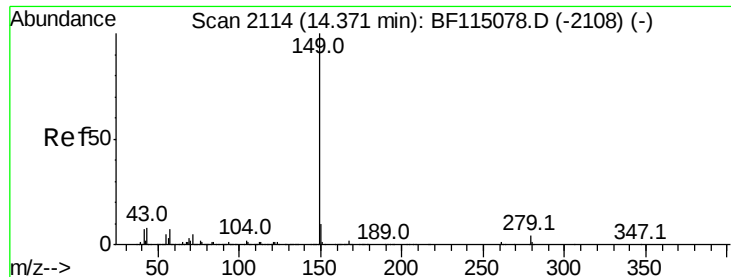
Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

279 4.5 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 46.062 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

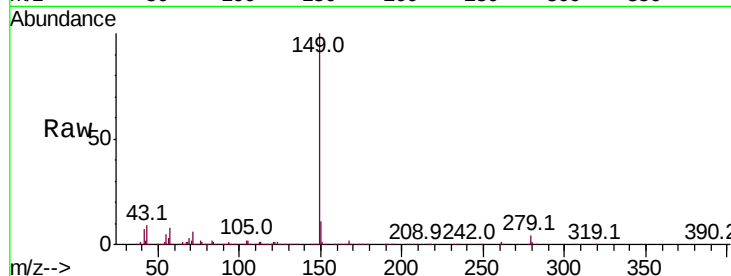
Tot Ion:149 Resp: 2690424

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

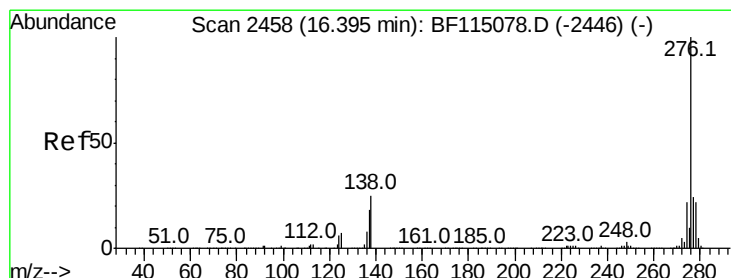
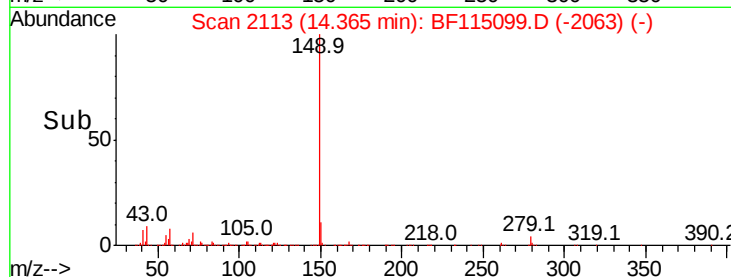
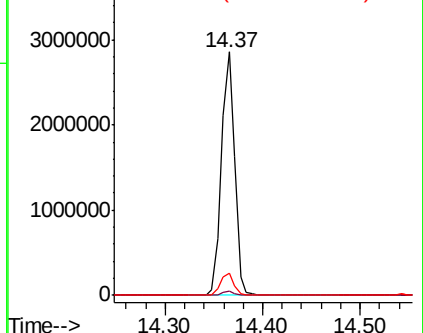
43 8.9 7.0 10.6



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: 44.691 ng

RT: 16.39 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

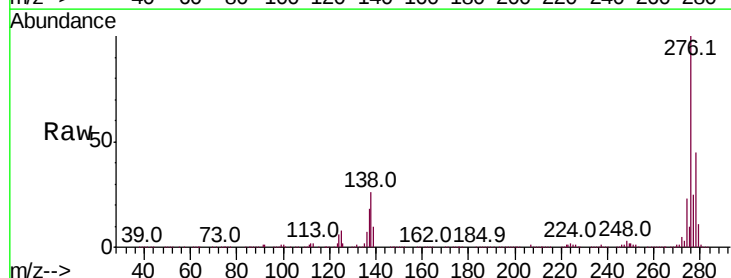
Tgt Ion:276 Resp: 2719041

Ion Ratio Lower Upper

276 100

138 28.9 23.2 34.8

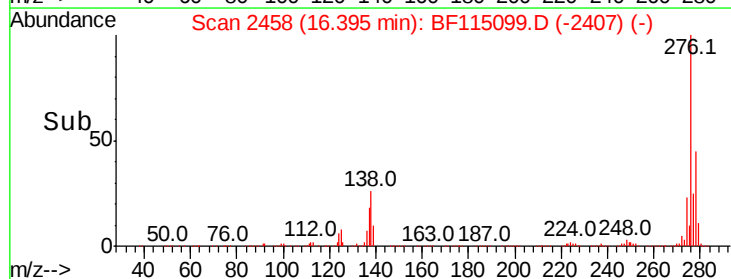
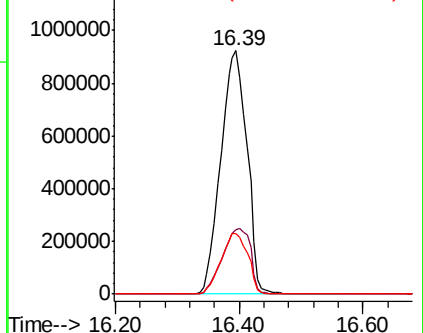
277 25.8 20.1 30.1

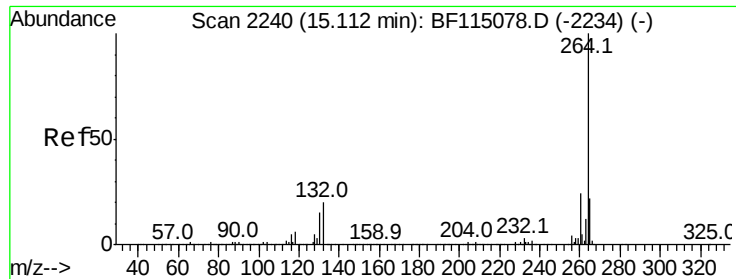


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

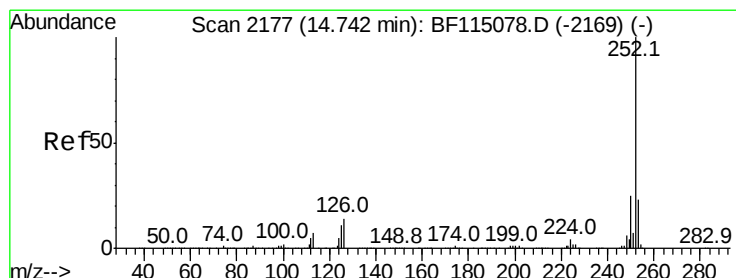
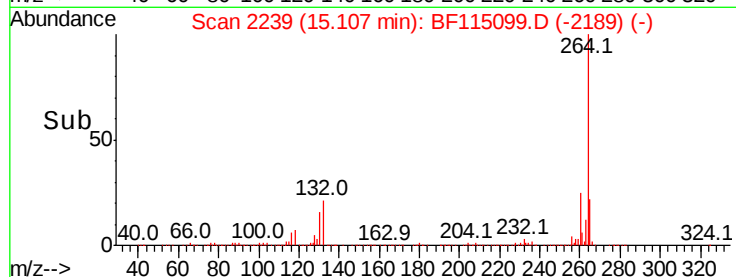
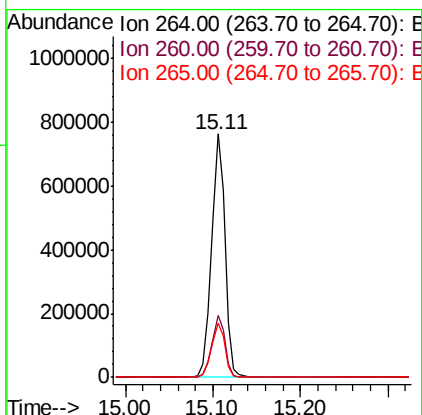
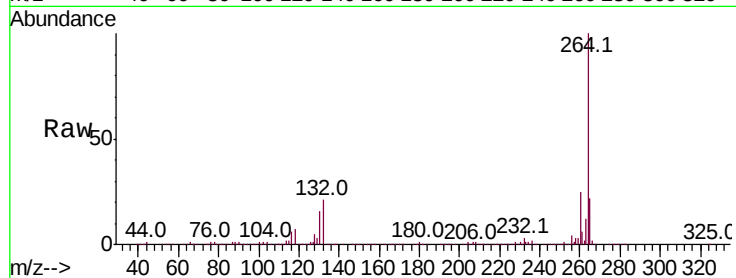




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

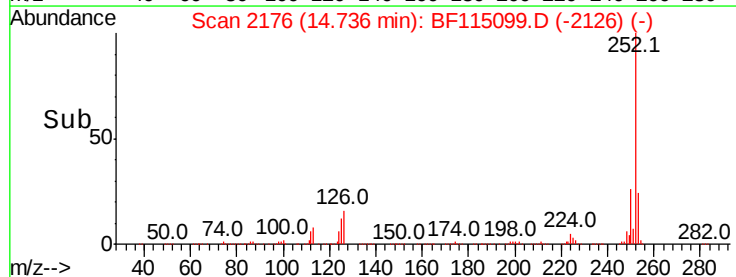
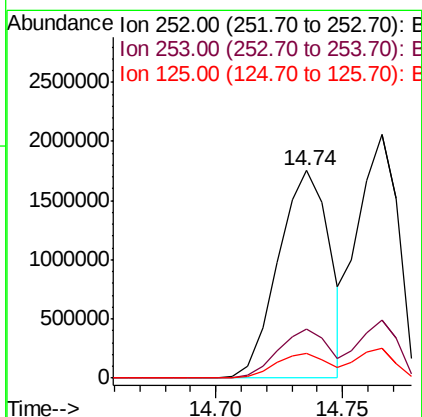
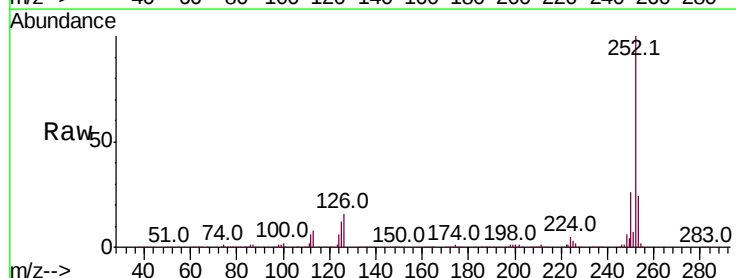
Instrument :
BNA_F
ClientSampleId :

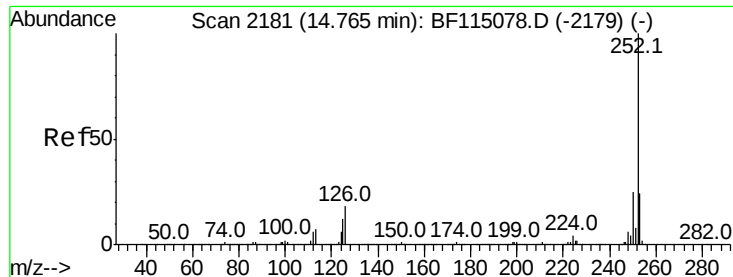
Tot Ion:264 Resp: 820194
Ion Ratio Lower Upper
264 100
260 25.2 19.6 29.4
265 22.0 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 48.479 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:252 Resp: 2481048
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 11.8 8.7 13.1

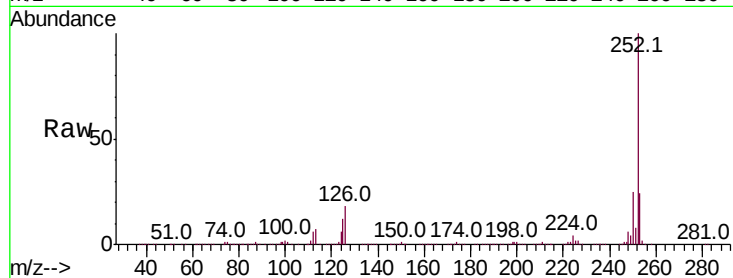




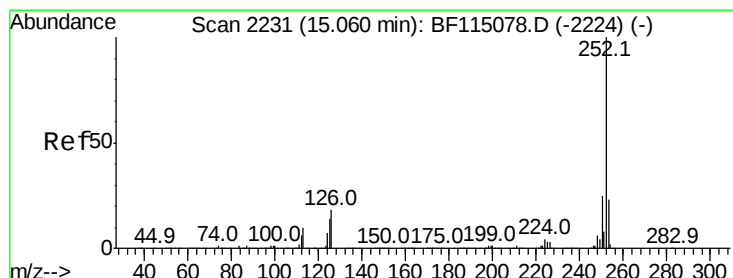
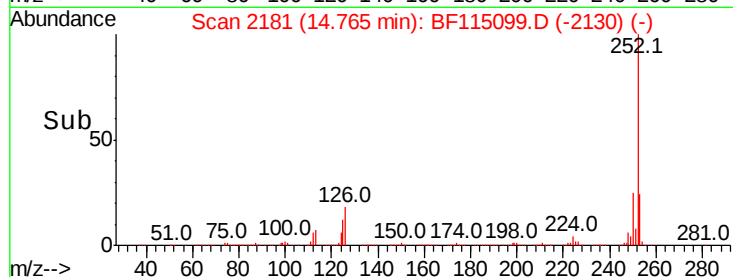
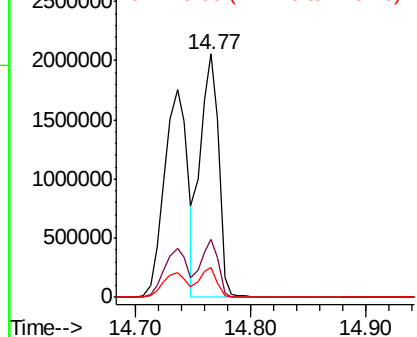
#89
Benzo(k)fluoranthene
Concen: 49.904 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2290364
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 12.3 10.2 15.2

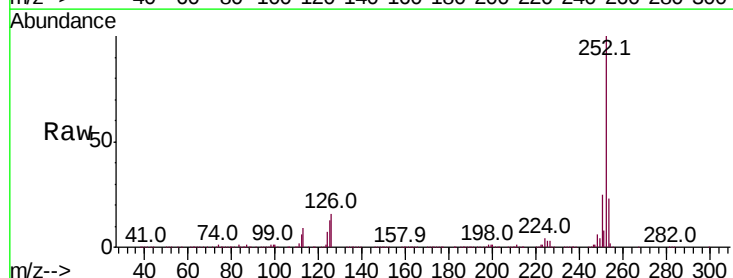


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

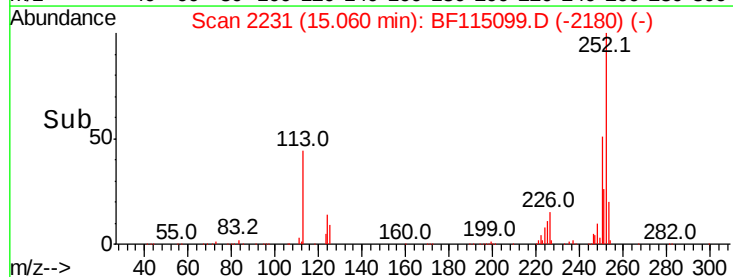
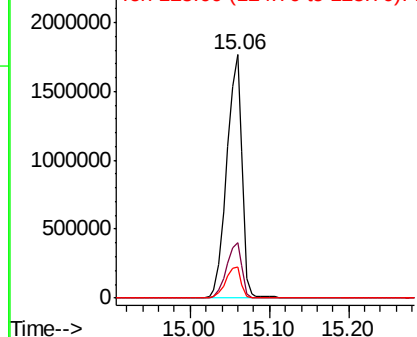


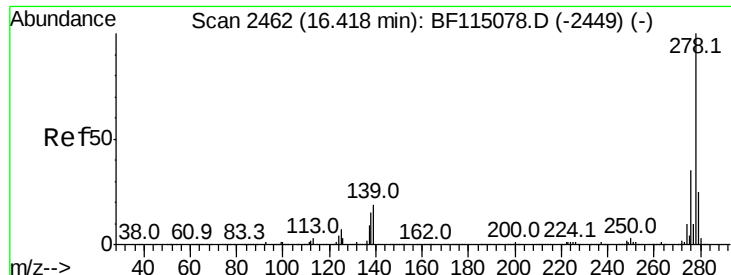
#90
Benzo(a)pyrene
Concen: 50.839 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:252 Resp: 2345083
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 12.6 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

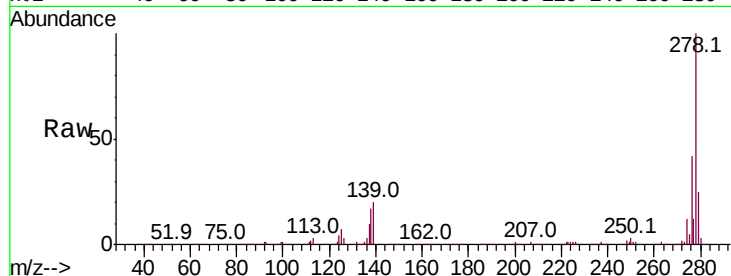




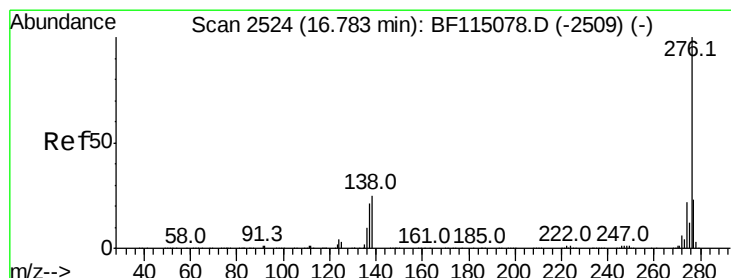
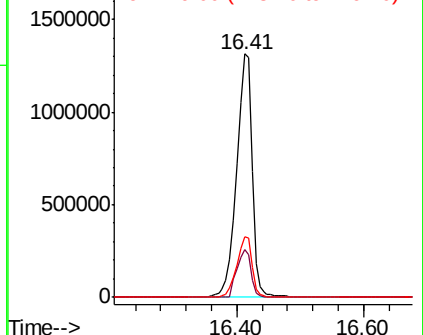
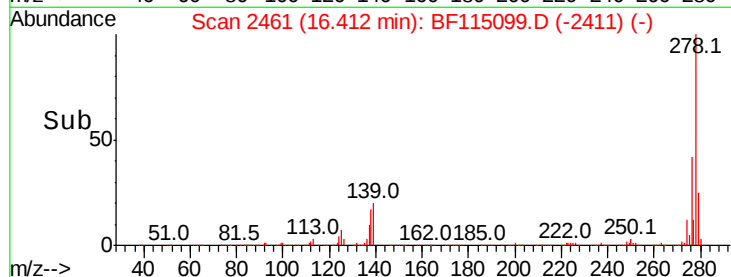
#91
 Dibenzo(a,h)anthracene
 Concen: 51.114 ng
 RT: 16.41 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:278 Resp: 2201124
 Ion Ratio Lower Upper
 278 100
 139 19.5 15.4 23.2
 279 25.0 19.9 29.9

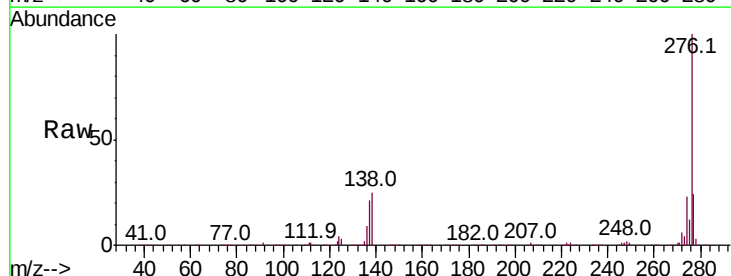


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 52.603 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:276 Resp: 2292657
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.6 28.0
 138 25.1 19.8 29.6



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

