

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115094.D
 Acq On : 21 Jun 2019 22:44
 Operator : HP/JU
 Sample : PB120753BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:56:44 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	241169	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	950502	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	479757	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	936812	20.00	ng	0.00
76) Chrysene-d12	13.74	240	682059	20.00	ng	0.00
87) Perylene-d12	15.11	264	771396	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1712795	109.60	ng	0.02
7) Phenol-d6	6.26	99	2104185	110.93	ng	0.00
23) Nitrobenzene-d5	7.18	82	1301251	84.22	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	609430	120.46	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2478774	87.76	ng	0.00
79) Terphenyl-d14	12.71	244	2649716	82.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	293412	39.781	ng	100
3) Pyridine	2.95	79	803705	38.661	ng	98
4) n-Nitrosodimethylamine	2.90	42	329493	40.431	ng	98
6) Aniline	6.28	93	716311	27.476	ng	95
8) 2-Chlorophenol	6.40	128	747651	42.545	ng	100
9) Benzaldehyde	6.15	77	116096	9.381	ng	98
10) Phenol	6.27	94	882911	39.736	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	677533	41.366	ng	99
12) 1,3-Dichlorobenzene	6.55	146	806479	41.352	ng	98
13) 1,4-Dichlorobenzene	6.63	146	813366	41.590	ng	99
14) 1,2-Dichlorobenzene	6.78	146	757808	41.843	ng	99
15) Benzyl Alcohol	6.76	79	579263	41.938	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	982665	41.366	ng	99
17) 2-Methylphenol	6.88	107	621654	42.857	ng	98
18) Hexachloroethane	7.13	117	291917	41.403	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	492067	40.519	ng	98
20) 3+4-Methylphenols	7.03	107	716405	42.773	ng	96
22) Acetophenone	7.02	105	983042	45.176	ng	# 98
24) Nitrobenzene	7.20	77	757792	44.517	ng	98
25) Isophorone	7.44	82	1400316	44.240	ng	99
26) 2-Nitrophenol	7.51	139	403995	48.058	ng	99
27) 2,4-Dimethylphenol	7.56	122	697107	50.648	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	877898	43.882	ng	98
29) 2,4-Dichlorophenol	7.75	162	651092	45.838	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	704398	44.896	ng	99
31) Naphthalene	7.92	128	2116646	45.365	ng	100
32) Benzoic acid	7.70	122	534347	54.387	ng	99
33) 4-Chloroaniline	7.97	127	520652	24.417	ng	100
34) Hexachlorobutadiene	8.05	225	373073	43.391	ng	99
35) Caprolactam	8.34	113	114512	23.979	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	648458	45.079	ng	100
37) 2-Methylnaphthalene	8.61	142	1460201	46.416	ng	99
38) 1-Methylnaphthalene	8.71	142	1388943	46.228	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	588441	43.405	ng	98

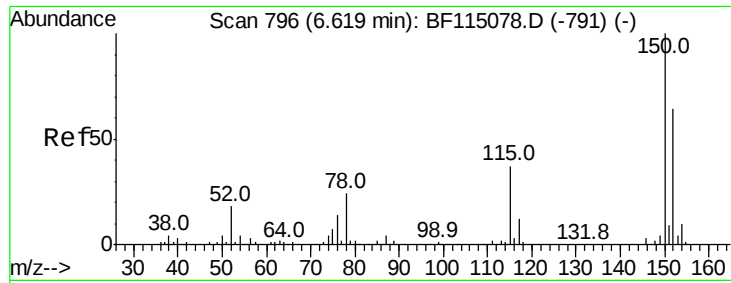
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	730618	90.886	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	469125	44.821	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	486448	45.131	ng	99
46) 1,1'-Biphenyl	9.08	154	1673786	43.603	ng	99
47) 2-Chloronaphthalene	9.10	162	1339518	43.019	ng	98
48) 2-Nitroaniline	9.19	65	393321	43.327	ng	96
49) Acenaphthylene	9.51	152	2115280	43.601	ng	99
50) Dimethylphthalate	9.38	163	1548049	43.858	ng	100
51) 2,6-Dinitrotoluene	9.44	165	368164	45.180	ng	93
52) Acenaphthene	9.68	154	1447610	47.685	ng	99
53) 3-Nitroaniline	9.60	138	281318	28.289	ng	97
54) 2,4-Dinitrophenol	9.70	184	388842	91.563	ng	92
55) Dibenzofuran	9.85	168	1858328	42.650	ng	100
56) 4-Nitrophenol	9.77	139	678966	85.165	ng	98
57) 2,4-Dinitrotoluene	9.84	165	491224	46.686	ng	94
58) Fluorene	10.20	166	1272819	43.683	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	417771	46.224	ng	99
60) Diethylphthalate	10.08	149	1563050	44.054	ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	616706	44.687	ng	97
62) 4-Nitroaniline	10.21	138	409931	41.091	ng	98
63) Azobenzene	10.35	77	1466412	44.249	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	228931	46.142	ng	79
66) n-Nitrosodiphenylamine	10.31	169	1309399	44.864	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	443097	43.625	ng	95
68) Hexachlorobenzene	10.74	284	476322	43.205	ng	93
69) Atrazine	10.84	200	411864	43.868	ng	100
70) Pentachlorophenol	10.93	266	571246	81.333	ng	96
71) Phenanthrene	11.15	178	2092329	41.482	ng	100
72) Anthracene	11.20	178	2195921	43.129	ng	99
73) Carbazole	11.35	167	1968364	43.294	ng	98
74) Di-n-butylphthalate	11.70	149	2337162	44.485	ng	99
75) Fluoranthene	12.32	202	2196252	43.641	ng	99
77) Benzidine	12.45	184	1032188	34.081	ng	99
78) Pyrene	12.55	202	2262689	43.167	ng	99
80) Butylbenzylphthalate	13.19	149	1064649	46.025	ng	94
81) Benzo(a)anthracene	13.73	228	2060453	42.102	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	578688	32.744	ng	99
83) Chrysene	13.77	228	1908928	42.581	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1378608	45.483	ng	99
85) Di-n-octyl phthalate	14.37	149	2388472	46.900	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2348770	44.277	ng	99
88) Benzo(b)fluoranthene	14.74	252	2185914	45.414	ng	99
89) Benzo(k)fluoranthene	14.77	252	1961735	45.448	ng	99
90) Benzo(a)pyrene	15.06	252	2069058	47.693	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	1938341	47.859	ng	99
92) Benzo(g,h,i)perylene	16.78	276	1972276	48.114	ng	97

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

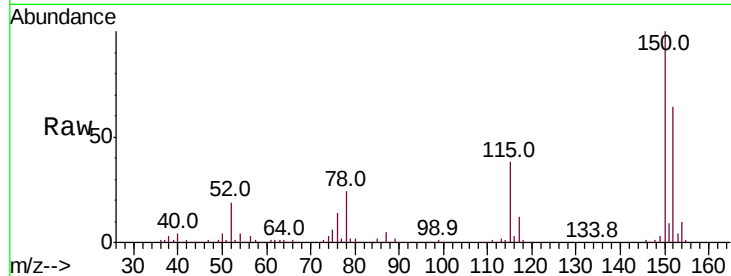


#1

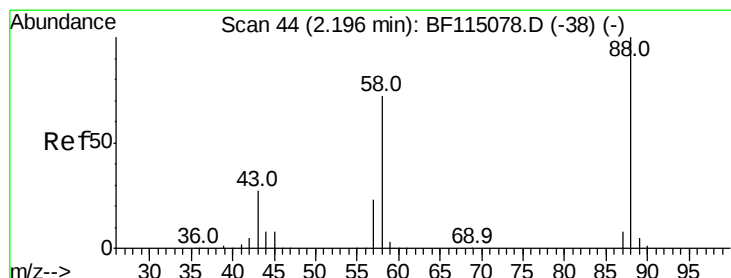
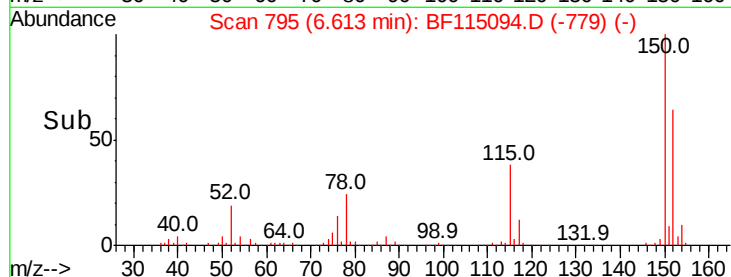
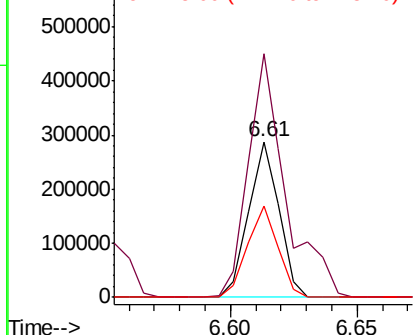
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 241169
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 58.7 46.1 69.1



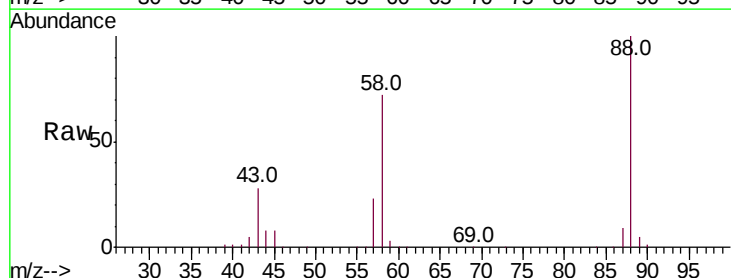
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



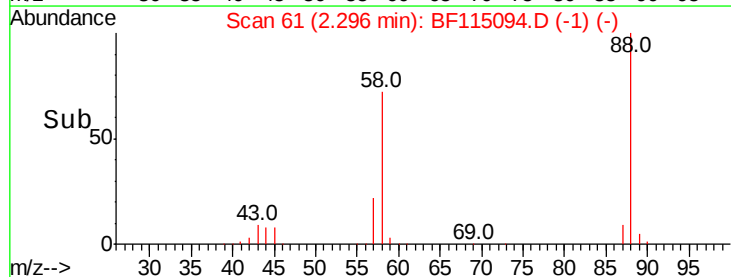
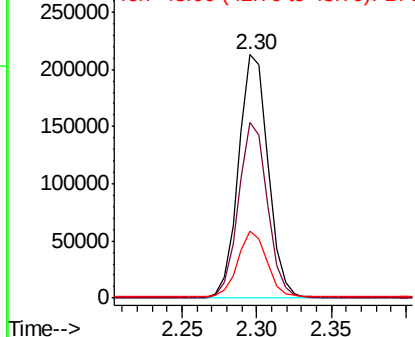
#2

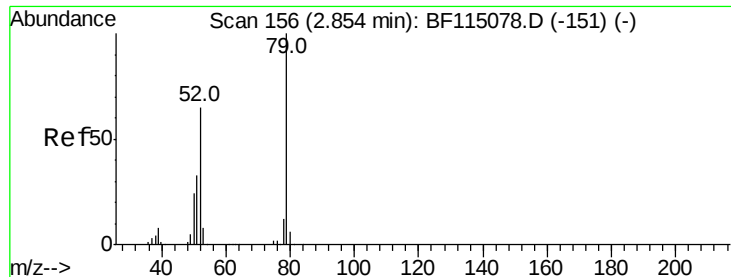
1,4-Dioxane
Concen: 39.781 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion: 88 Resp: 293412
Ion Ratio Lower Upper
88 100
58 70.4 56.1 84.1
43 26.5 21.3 31.9



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





#3

Pvridine

Concen: 38.661 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.09 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

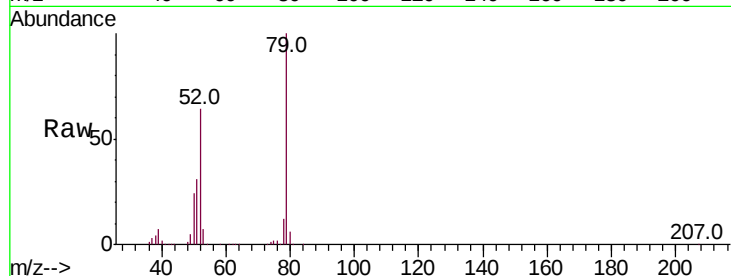
Tot Ion: 79 Resp: 803705

Ion Ratio Lower Upper

79 100

52 63.7 52.3 78.5

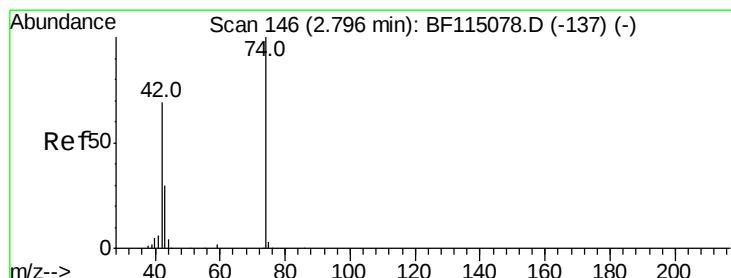
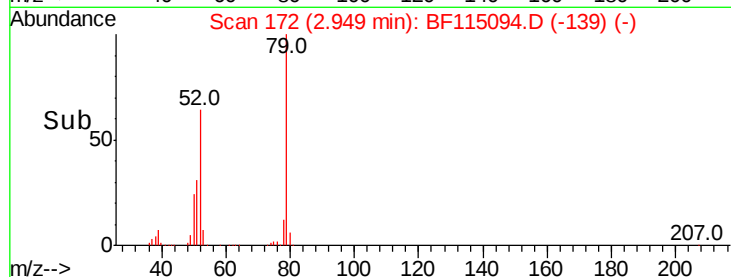
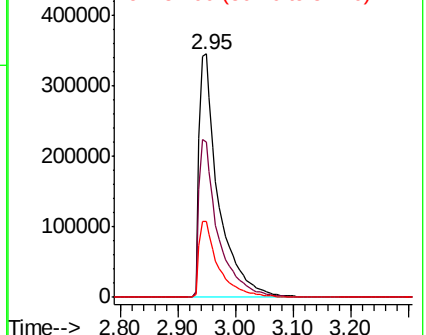
51 31.0 26.1 39.1



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: 40.431 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.10 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

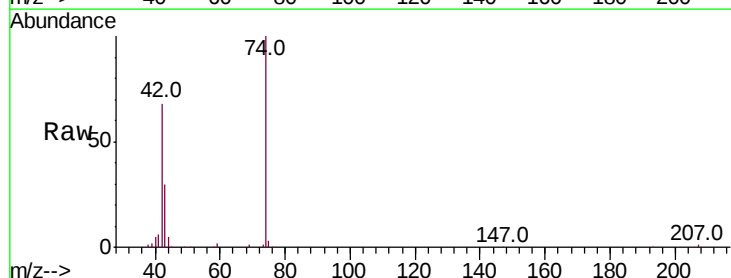
Tgt Ion: 42 Resp: 329493

Ion Ratio Lower Upper

42 100

74 147.8 116.6 175.0

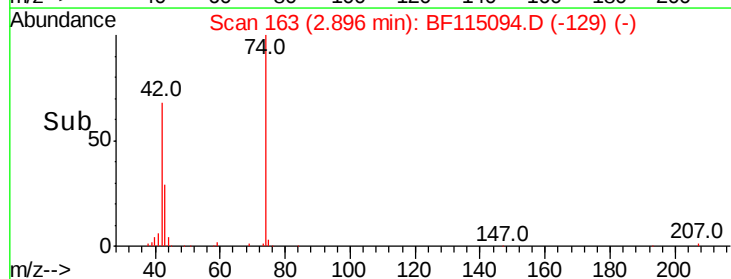
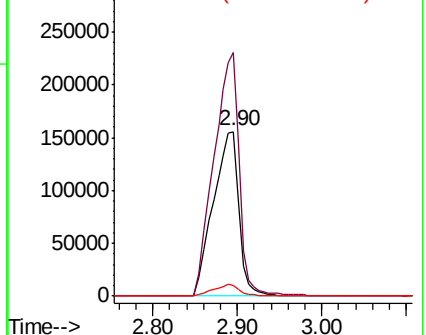
44 6.7 5.3 7.9

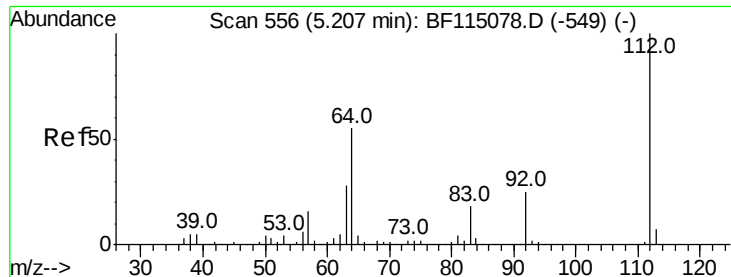


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.597 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

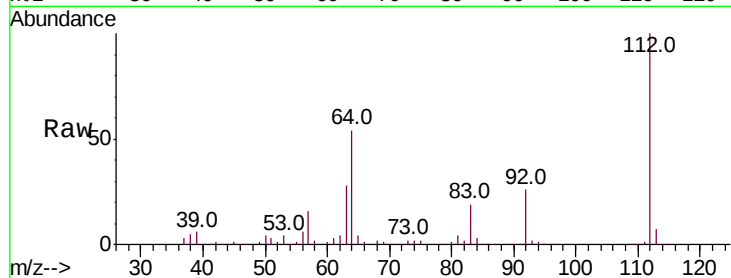
Tot Ion:112 Resp: 1712795

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.6

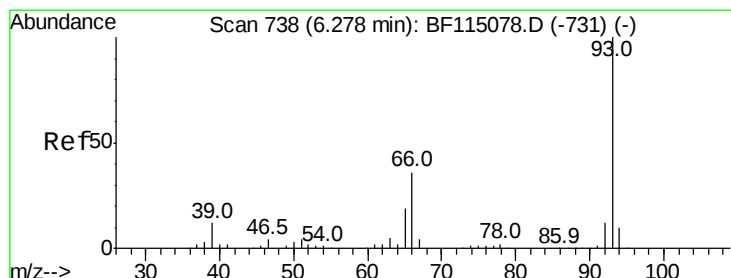
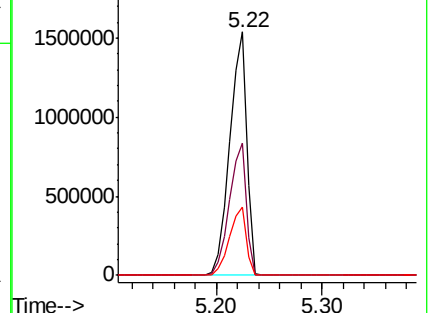
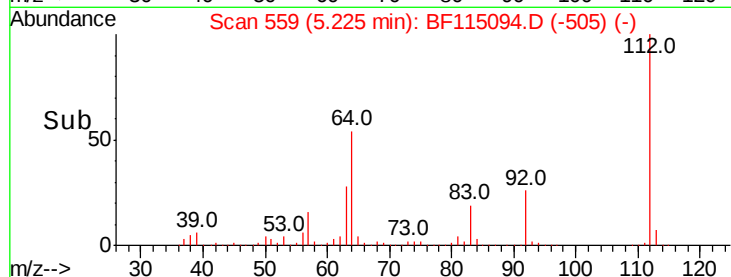
63 28.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.476 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

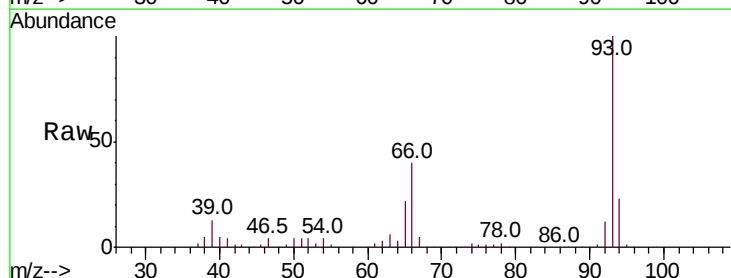
Tgt Ion: 93 Resp: 716311

Ion Ratio Lower Upper

93 100

66 40.2 30.0 45.0

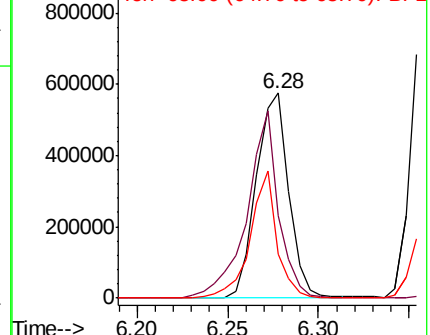
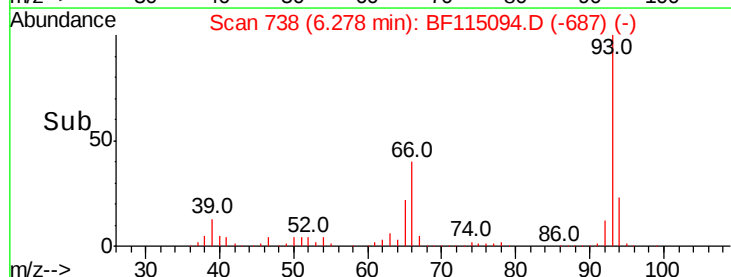
65 21.7 15.6 23.4

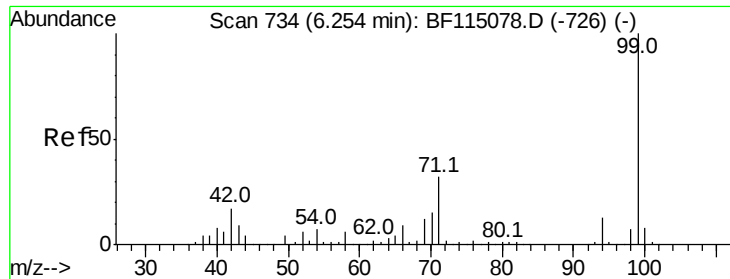


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.929 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

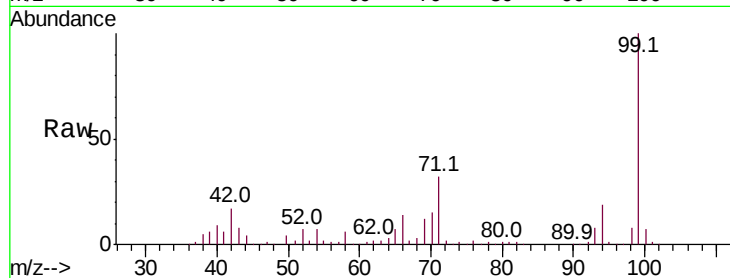
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2104185

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	32.2	25.5	38.3

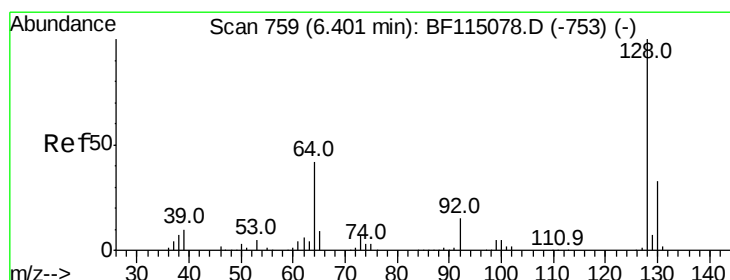
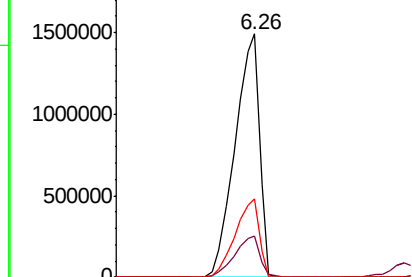
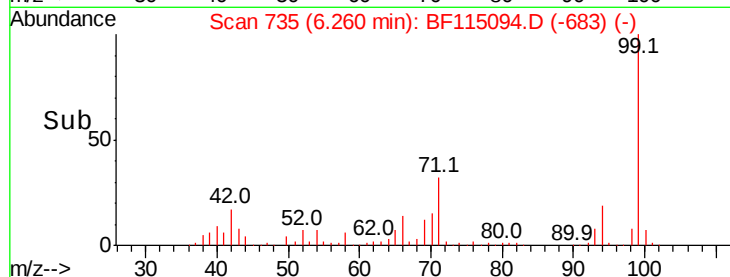


Abundance

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: 42.545 ng

RT: 6.40 min Scan# 759

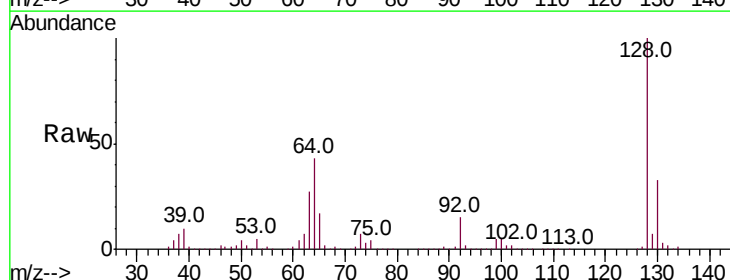
Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:128 Resp: 747651

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	42.9	22.9	62.9

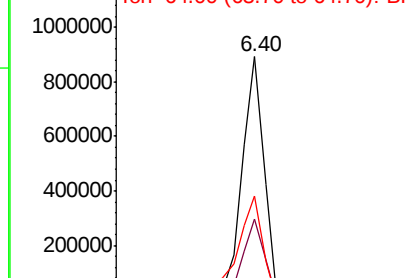
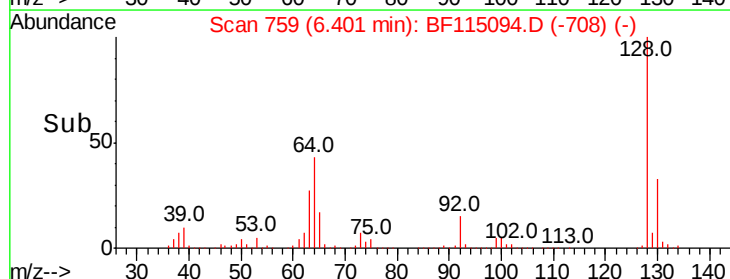


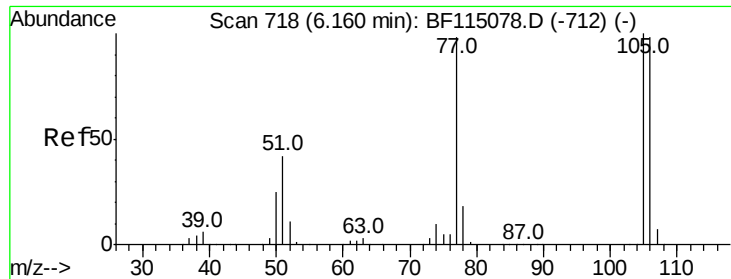
Abundance

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: 9.381 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampled :

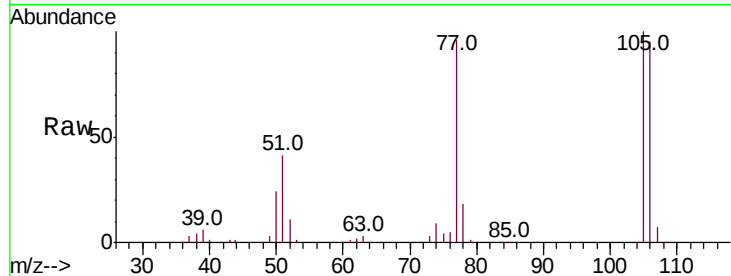
Tot Ion: 77 Resp: 116096

Ion Ratio Lower Upper

77 100

105 104.6 81.5 121.5

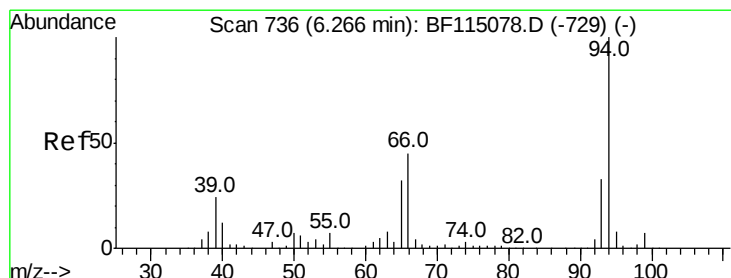
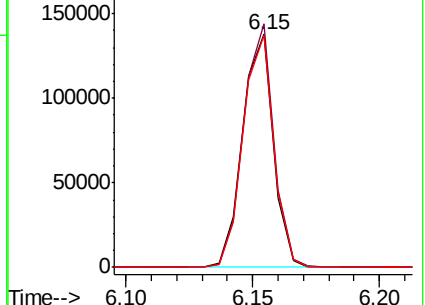
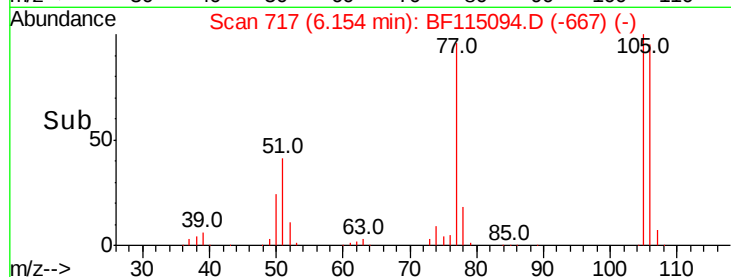
106 99.5 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.736 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

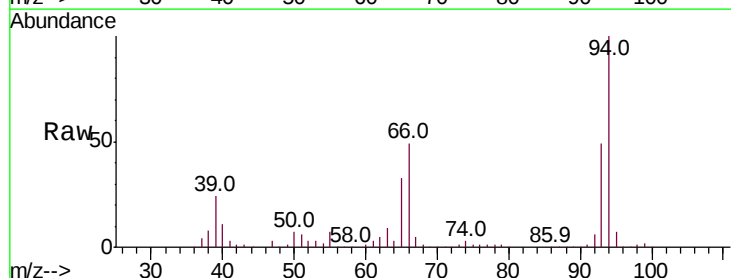
Tgt Ion: 94 Resp: 882911

Ion Ratio Lower Upper

94 100

65 33.3 11.9 51.9

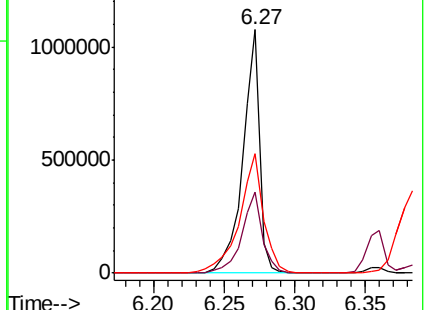
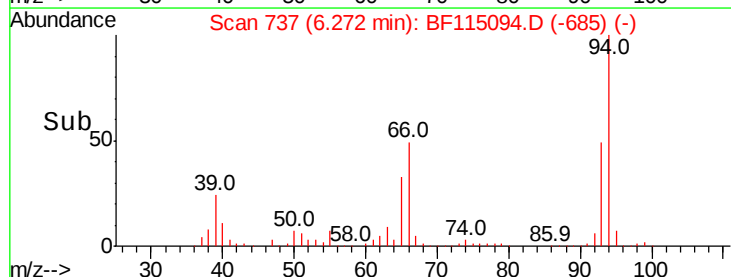
66 48.8 25.2 65.2

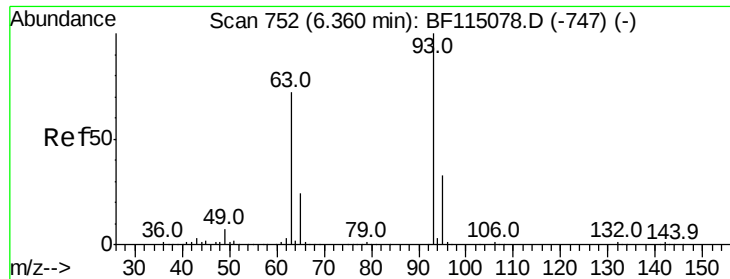


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

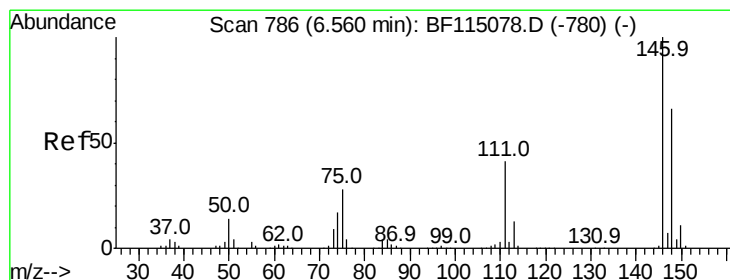
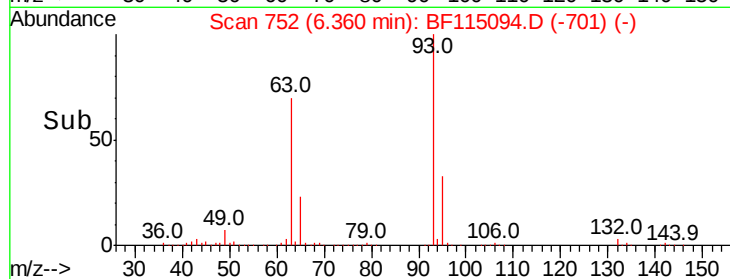
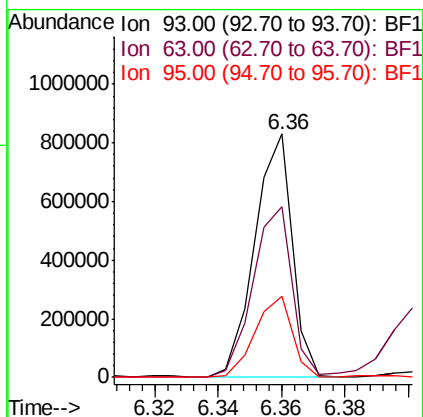
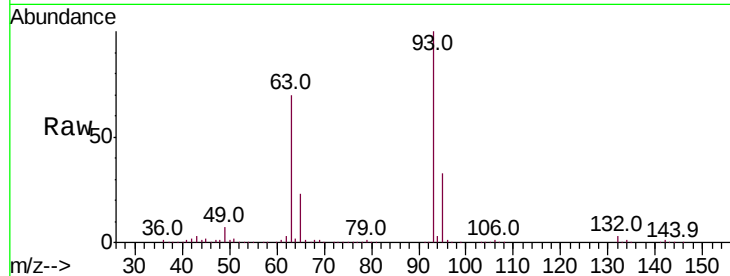




#11
bis(2-Chloroethyl)ether
Concen: 41.366 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

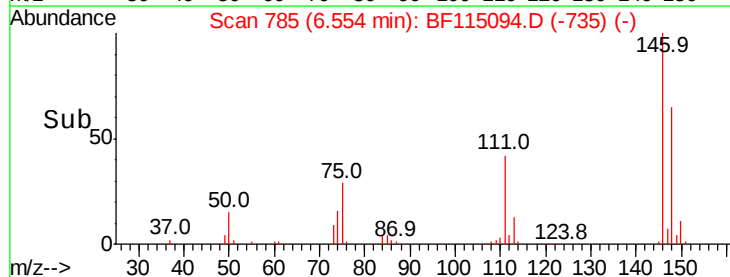
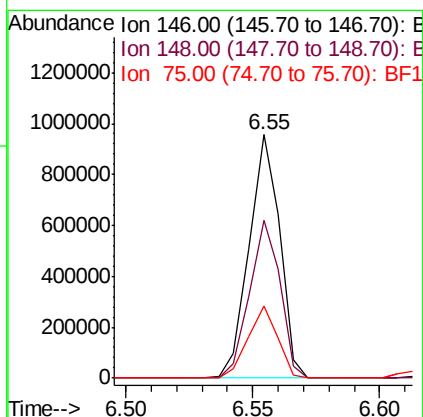
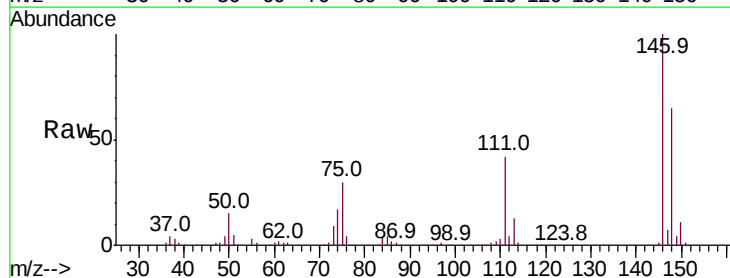
Instrument :
BNA_F
ClientSampleId :

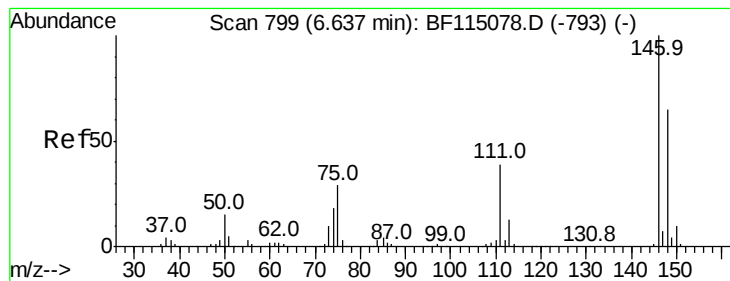
Tot Ion: 93 Resp: 677533
Ion Ratio Lower Upper
93 100
63 70.3 51.5 91.5
95 33.3 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.352 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion: 146 Resp: 806479
Ion Ratio Lower Upper
146 100
148 64.6 52.6 78.8
75 29.7 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 41.590 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

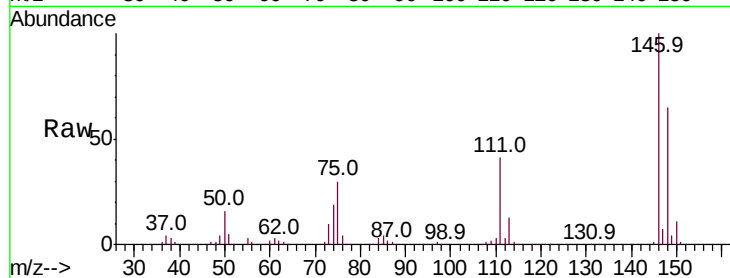
Tot Ion:146 Resp: 813366

Ion Ratio Lower Upper

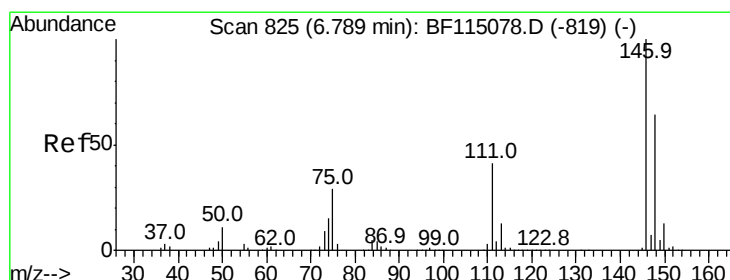
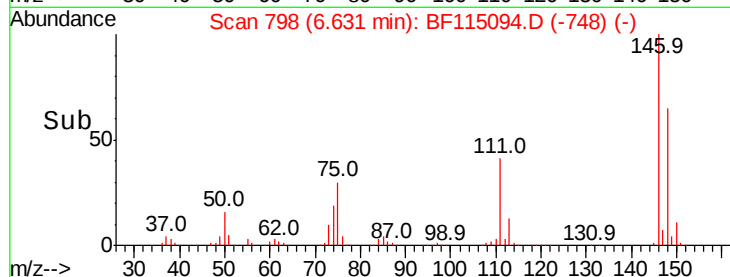
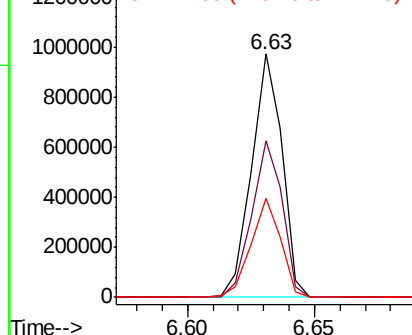
146 100

148 64.5 51.9 77.9

111 40.8 31.4 47.0



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



#14

1,2-Dichlorobenzene

Concen: 41.843 ng

RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

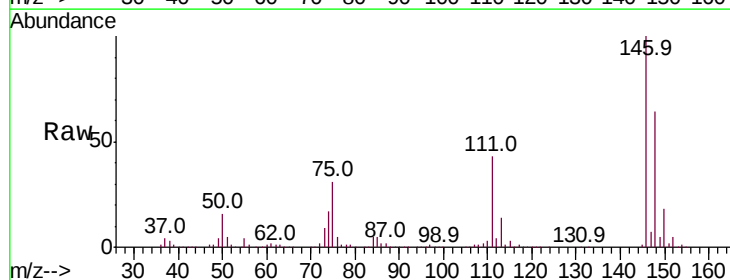
Tgt Ion:146 Resp: 757808

Ion Ratio Lower Upper

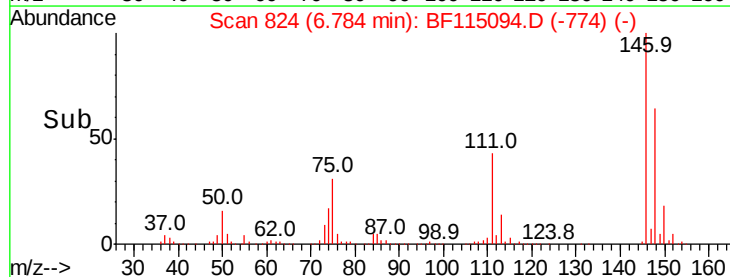
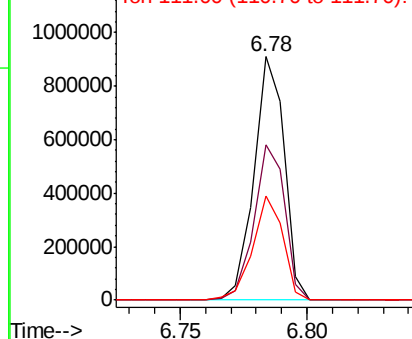
146 100

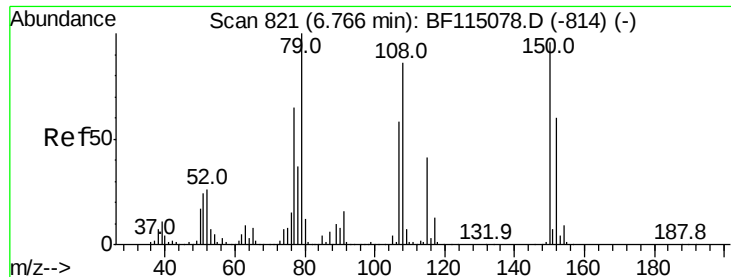
148 63.9 51.1 76.7

111 43.0 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: 41.938 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

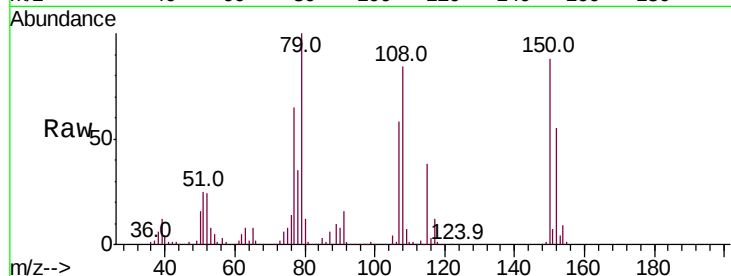
Tot Ion: 79 Resp: 579263

Ion Ratio Lower Upper

79 100

108 83.6 68.7 103.1

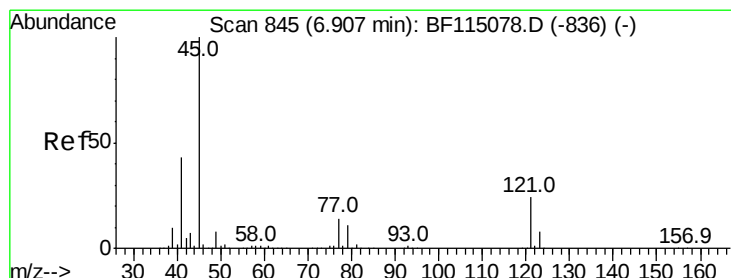
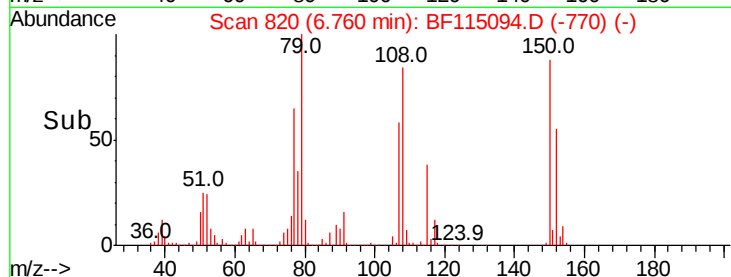
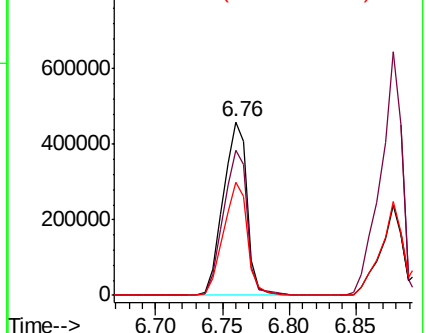
77 65.2 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.366 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

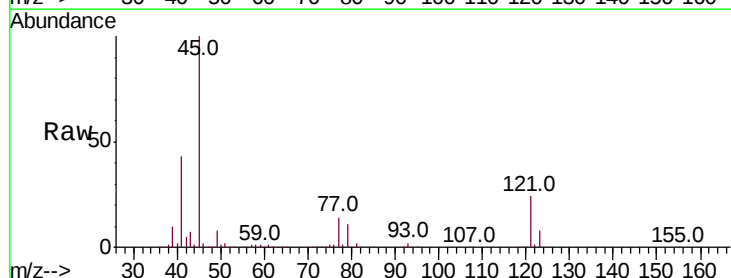
Tgt Ion: 45 Resp: 982665

Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.6

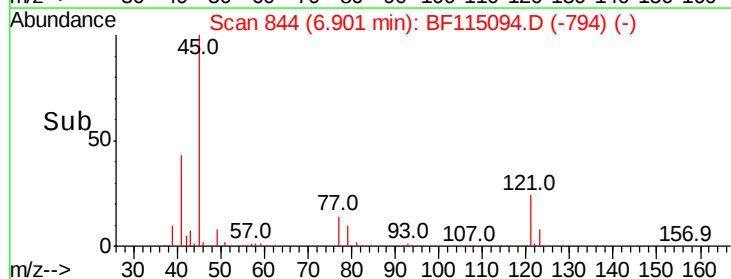
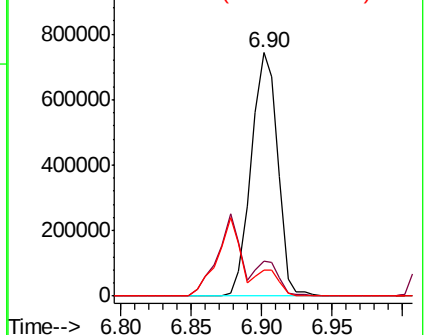
79 10.9 0.0 31.2

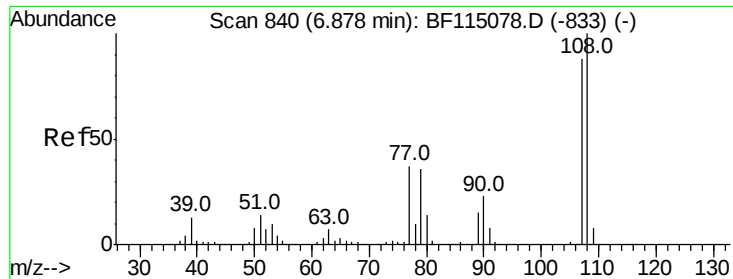


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

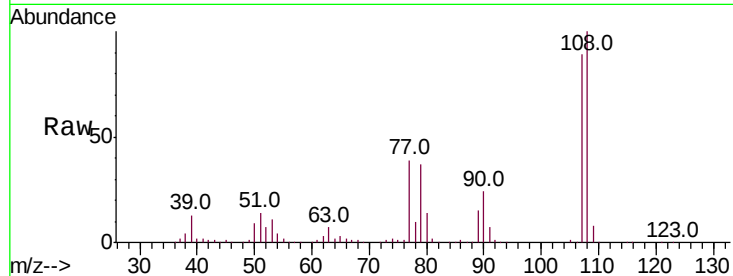




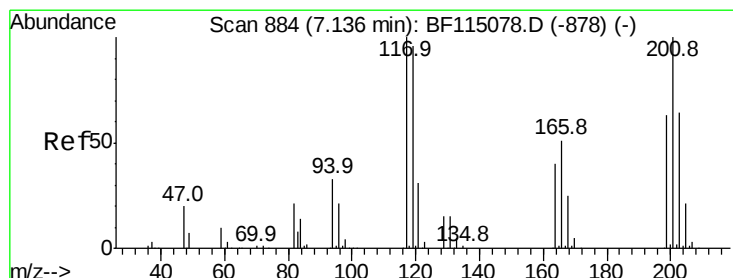
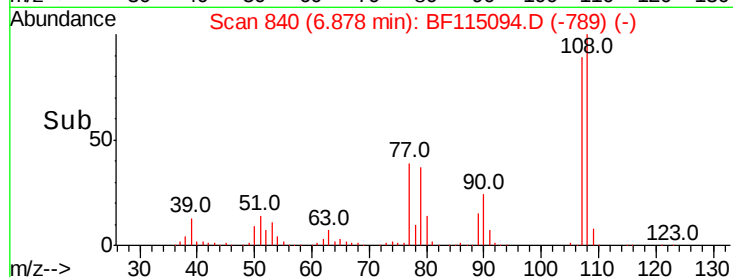
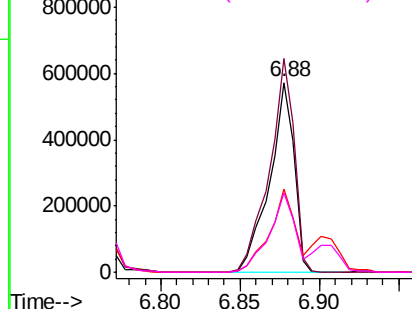
#17
2-Methylphenol
Concen: 42.857 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 621654
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 43.7 33.4 50.2
79 41.6 32.3 48.5

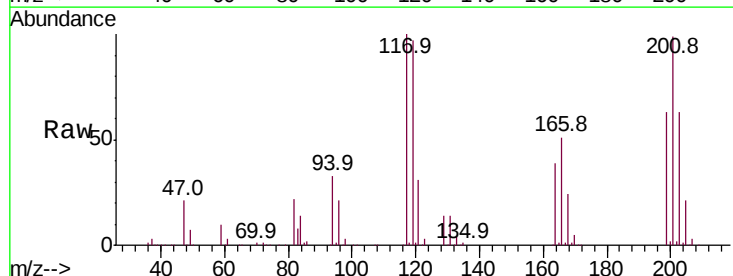


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

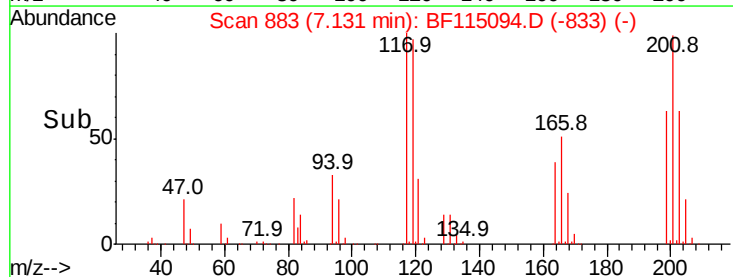
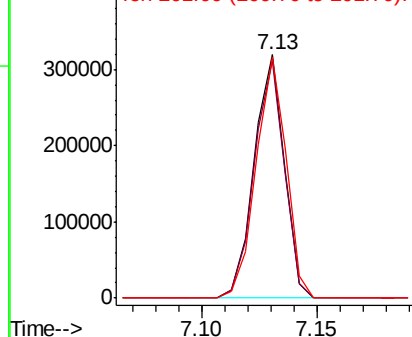


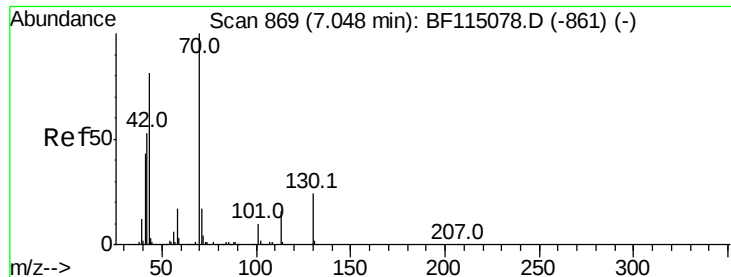
#18
Hexachloroethane
Concen: 41.403 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:117 Resp: 291917
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8
201 99.1 80.2 120.2



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

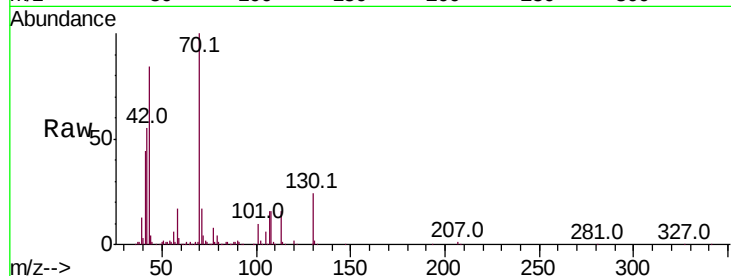




#19
n-Nitroso-di-n-propylamine
Concen: 40.519 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	492067
Ion	Ratio	Lower	Upper
70	100		
42	54.5	42.6	63.8
101	10.0	8.0	12.0
130	23.5	19.4	29.0



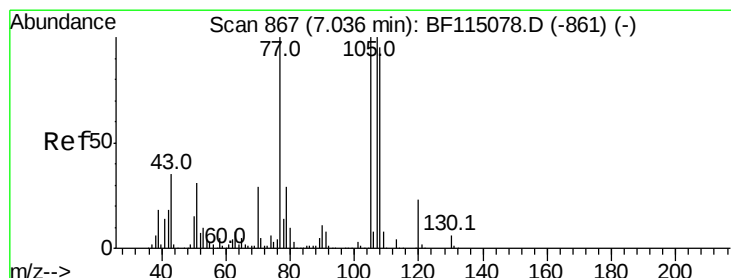
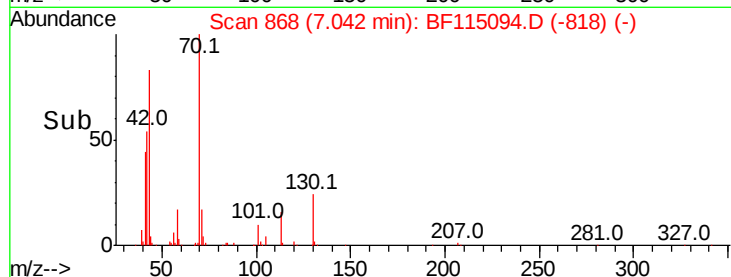
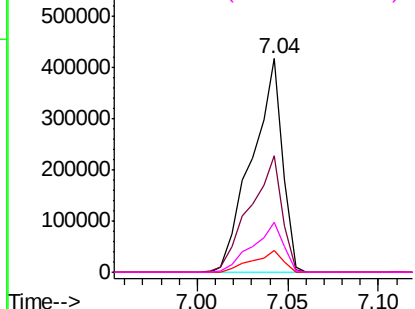
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.773 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:	107	Resp:	716405
Ion	Ratio	Lower	Upper
107	100		
108	89.4	75.5	115.5
77	100.7	80.2	120.2
79	27.1	9.5	49.5

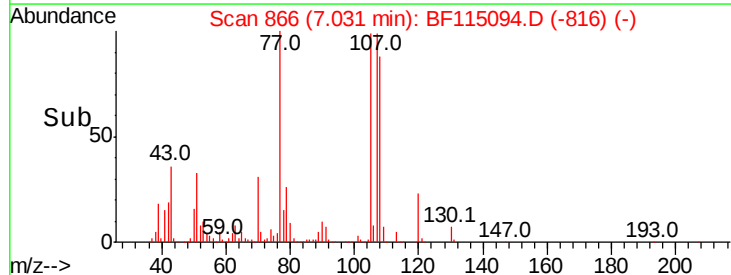
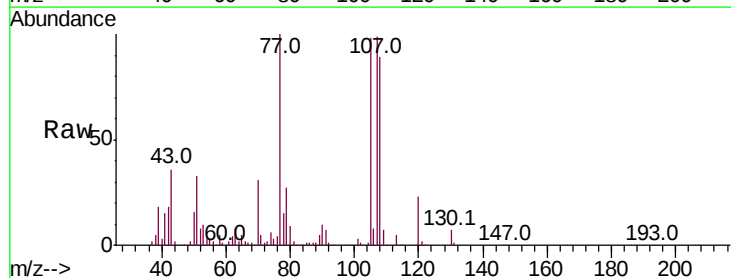
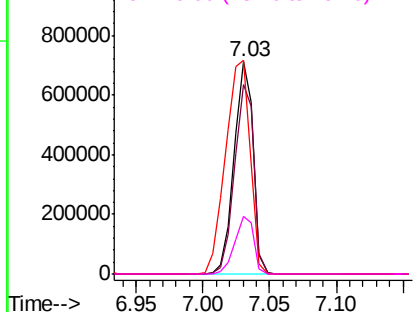
Abundance

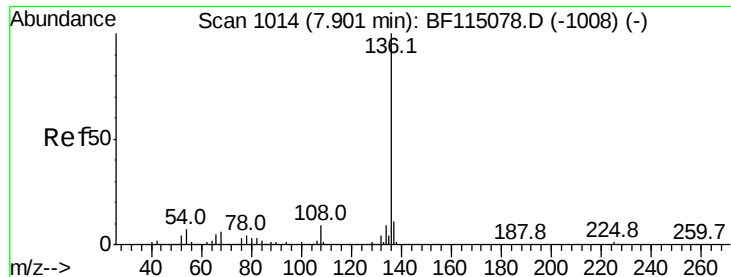
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 950502

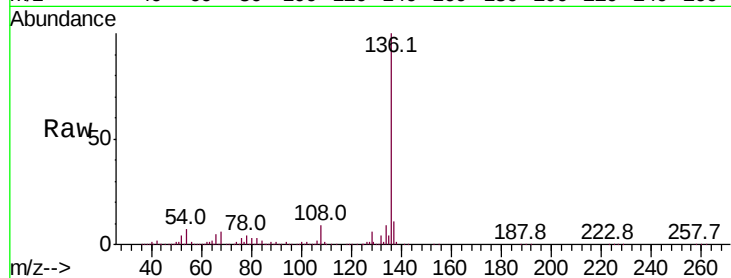
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 5.6 8.4

68 6.2 4.8 7.2

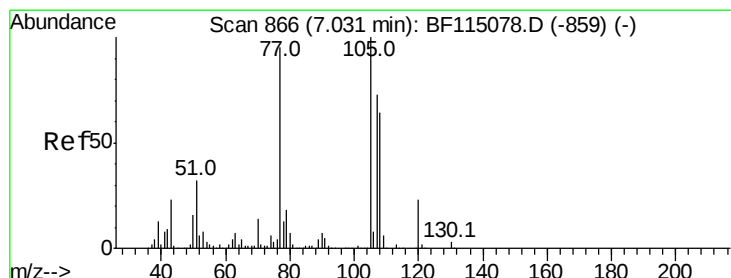
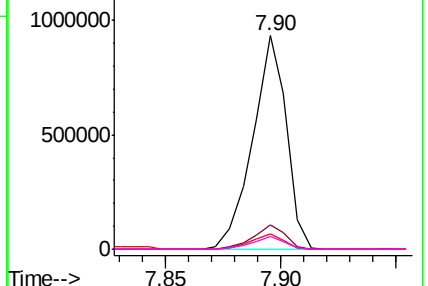
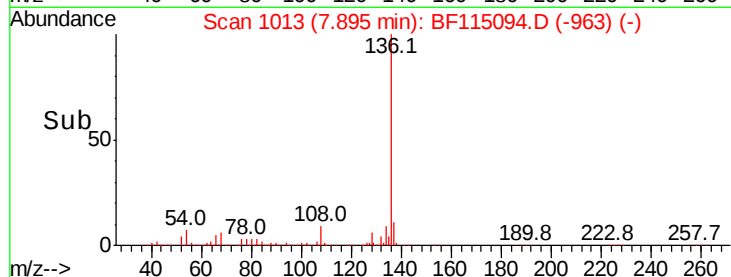


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 45.176 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:105 Resp: 983042

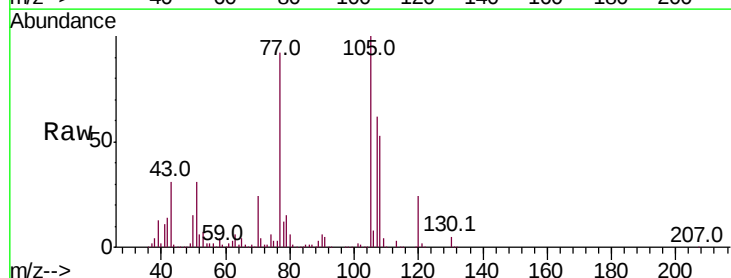
Ion Ratio Lower Upper

105 100

71 4.0 1.9 2.9#

51 30.6 25.8 38.8

120 23.6 18.5 27.7

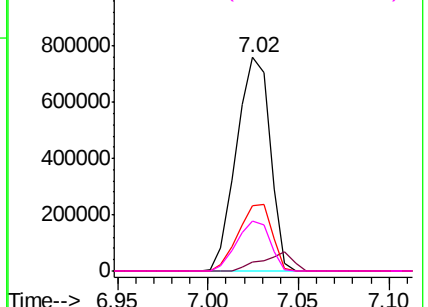
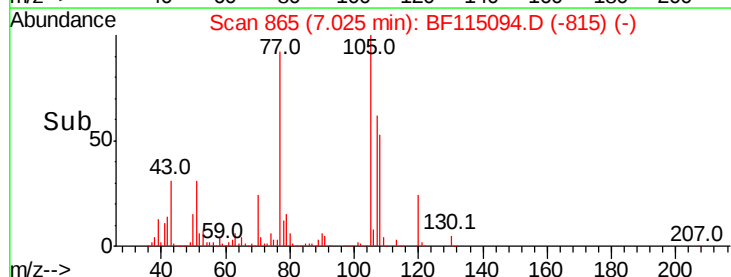


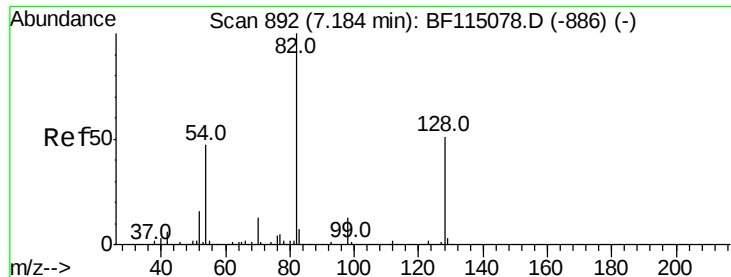
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

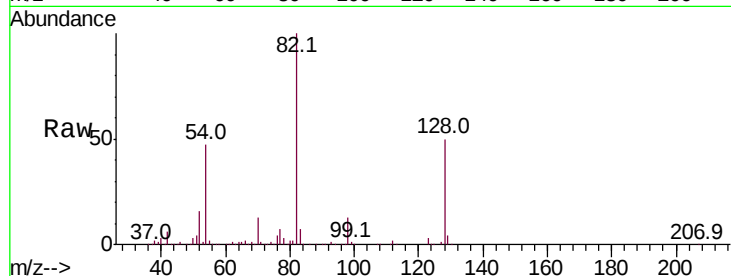




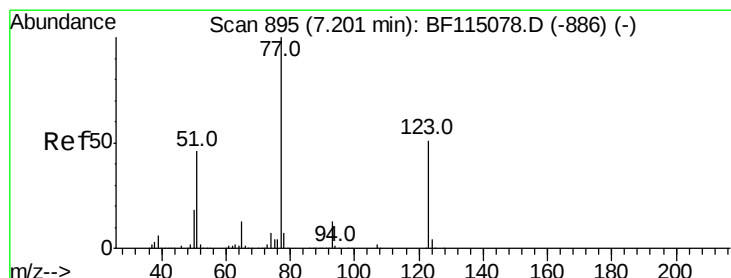
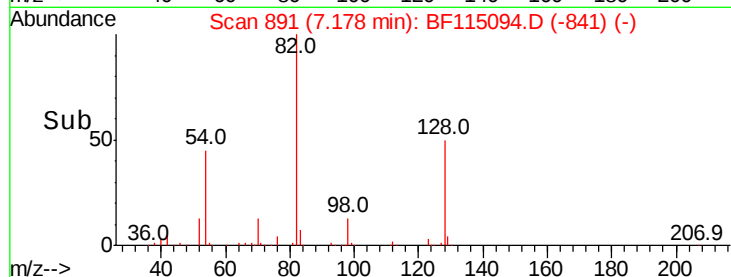
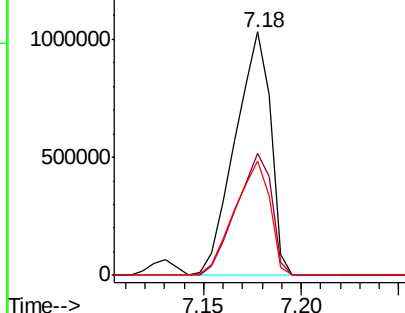
#23
Nitrobenzene-d5
Concen: 84.215 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1301251
Ion Ratio Lower Upper
82 100
128 50.0 40.4 60.6
54 46.8 37.5 56.3

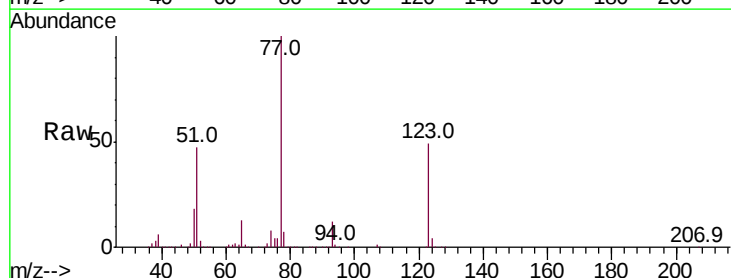


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

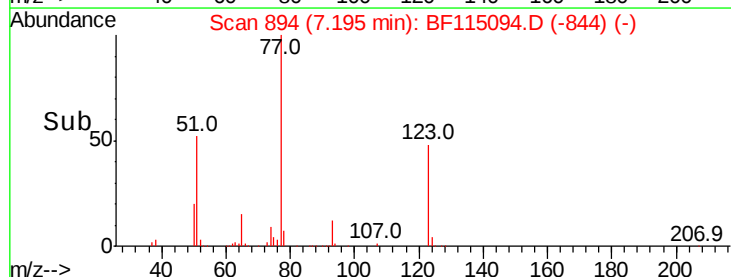
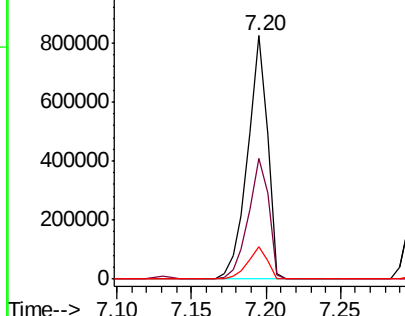


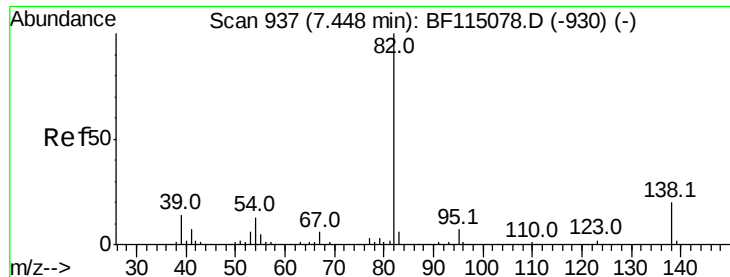
#24
Nitrobenzene
Concen: 44.517 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion: 77 Resp: 757792
Ion Ratio Lower Upper
77 100
123 49.3 41.0 61.6
65 13.2 10.5 15.7



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





#25

Isophorone

Concen: 44.240 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampled :

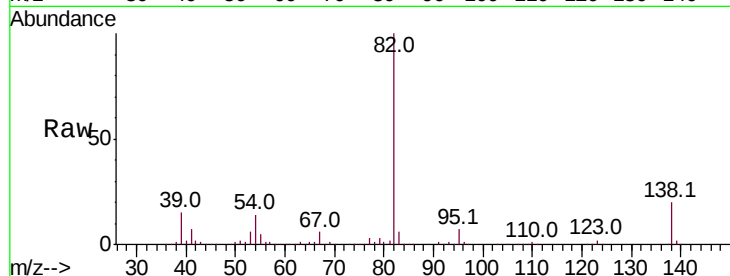
Tot Ion: 82 Resp: 1400316

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

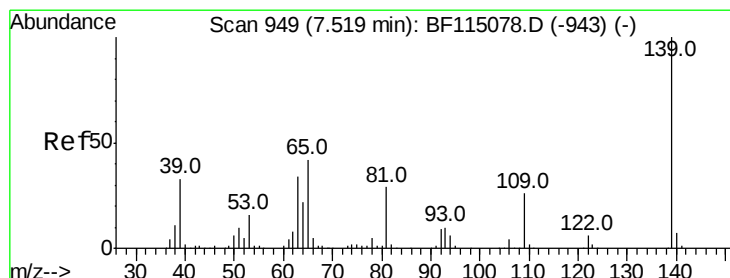
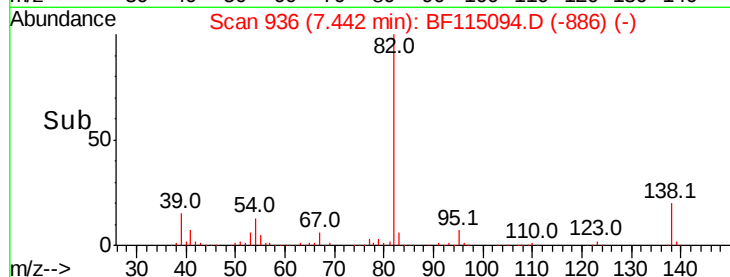
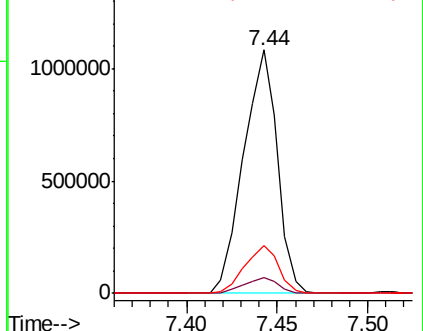
138 19.5 15.9 23.9



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: 48.058 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

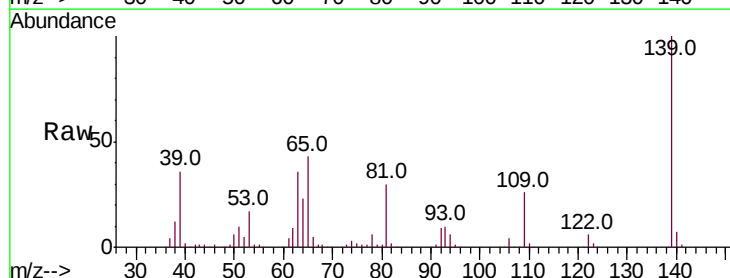
Tgt Ion: 139 Resp: 403995

Ion Ratio Lower Upper

139 100

109 25.9 20.4 30.6

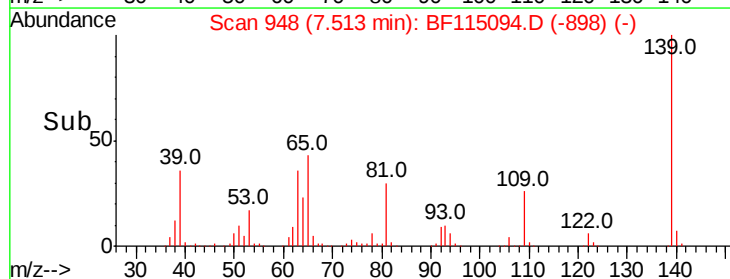
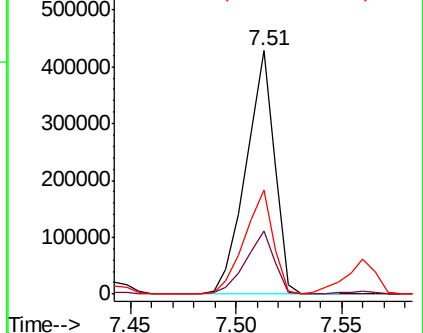
65 42.7 33.6 50.4

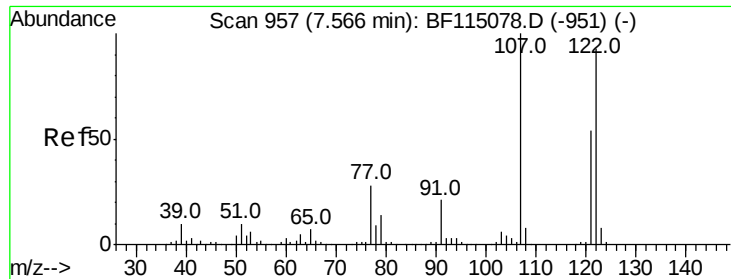


Abundance Ion 139.00 (138.70 to 139.70): BF115078.D (-943) (-)

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: 50.648 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampled :

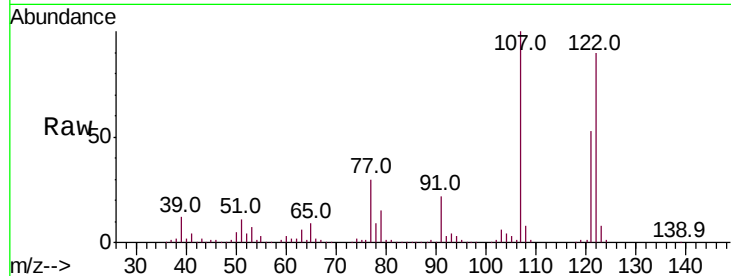
Tot Ion:122 Resp: 697107

Ion Ratio Lower Upper

122 100

107 110.9 85.8 128.6

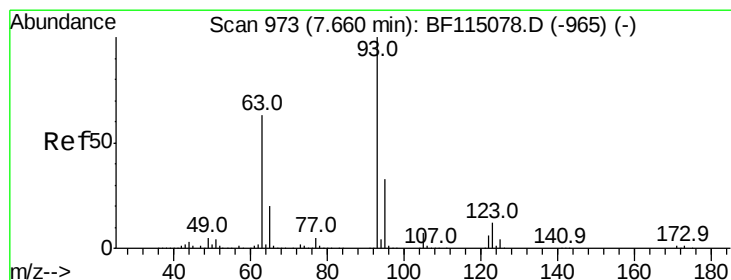
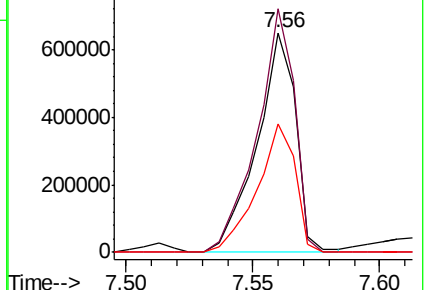
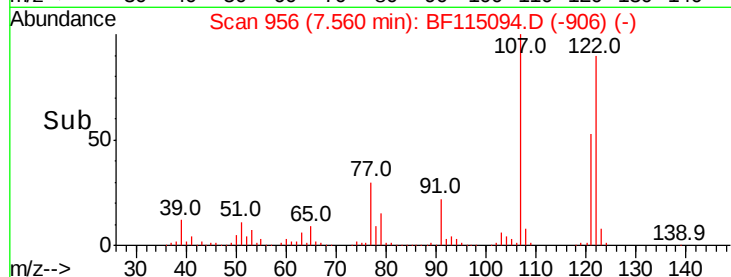
121 58.8 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.882 ng

RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

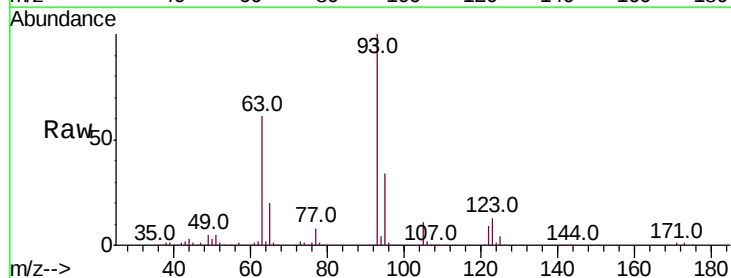
Tgt Ion: 93 Resp: 877898

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.4

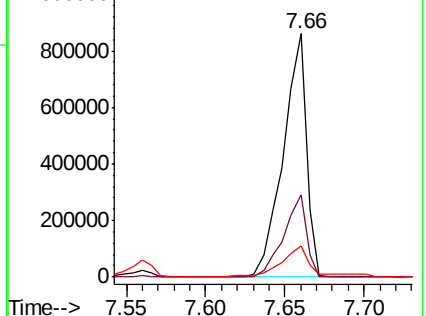
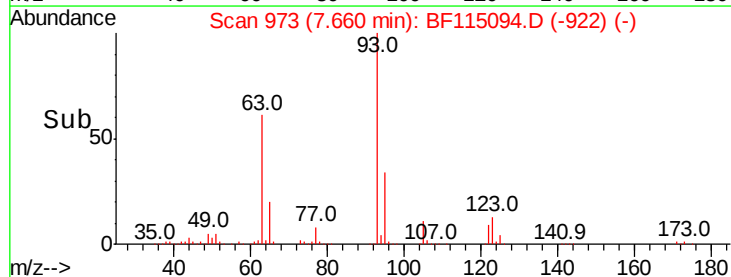
123 12.9 9.7 14.5

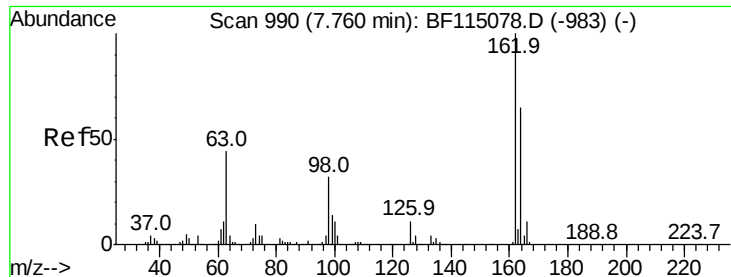


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

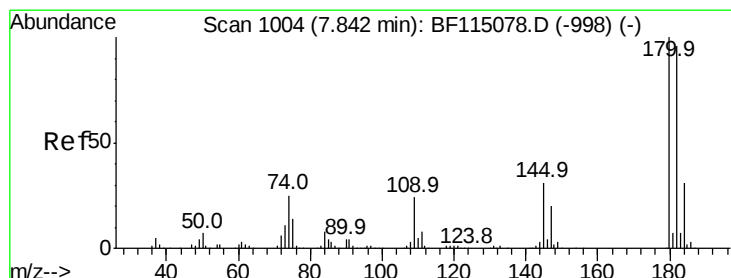
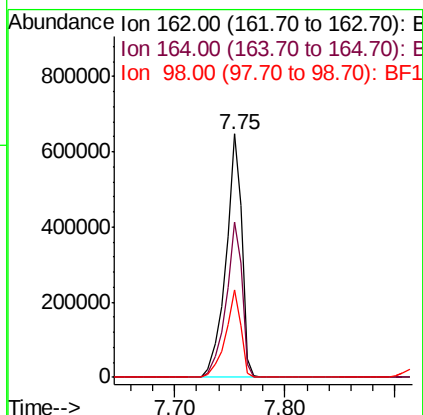
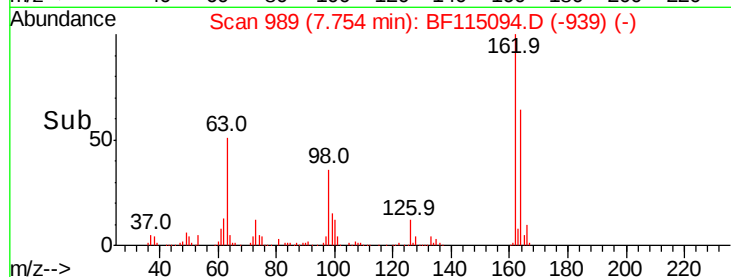
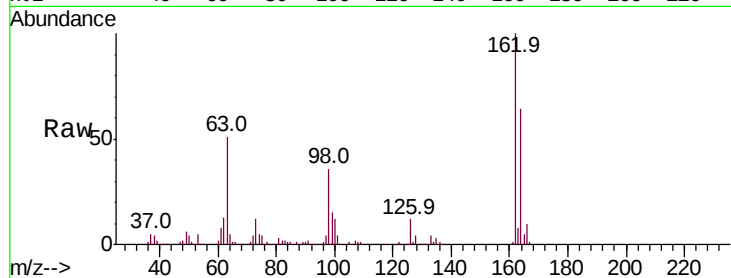




#29
2,4-Dichlorophenol
Concen: 45.838 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

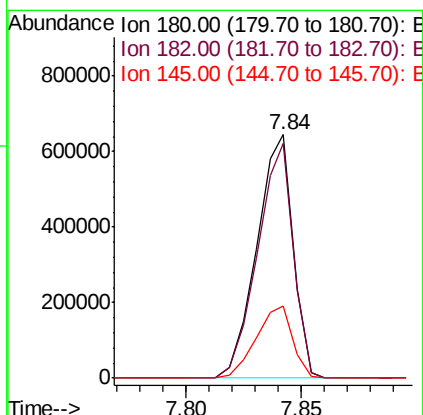
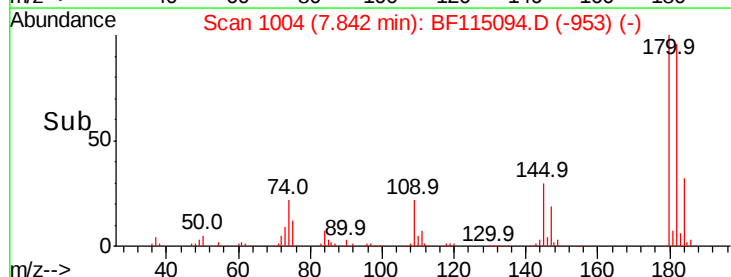
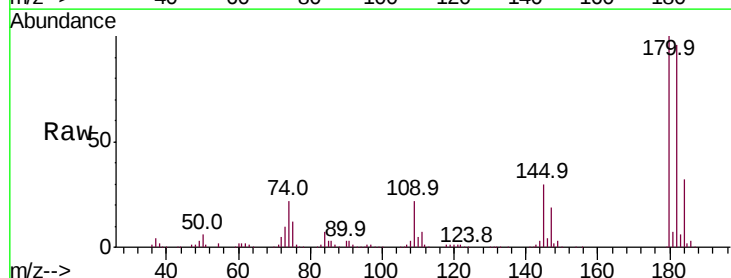
Instrument :
BNA_F
ClientSampleId :

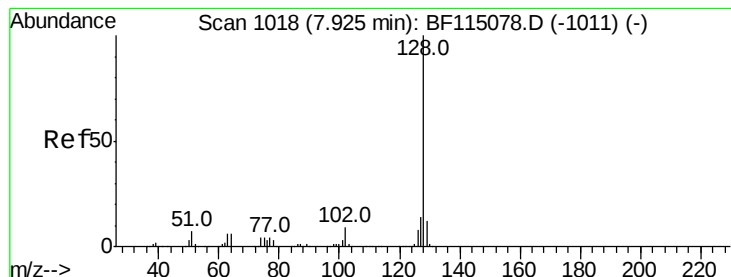
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.3	85.3
98	35.8	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 44.896 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	29.6	24.8	37.2





#31

Naphthalene

Concen: 45.365 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

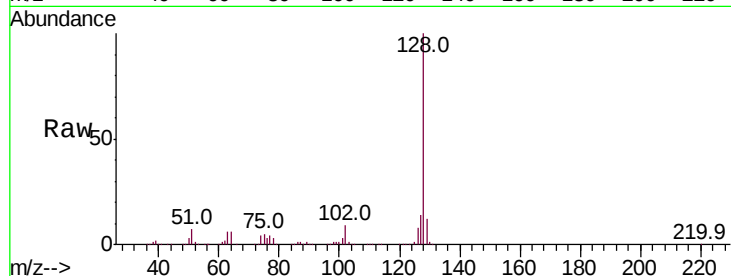
Tot Ion:128 Resp: 2116646

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

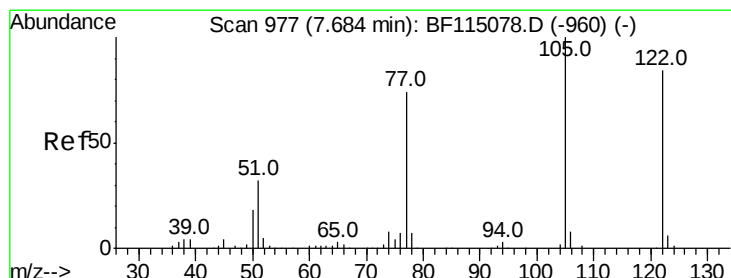
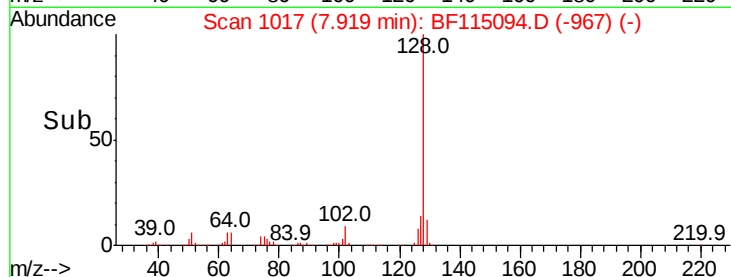
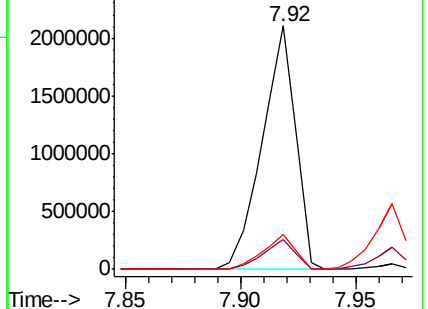
127 14.4 11.4 17.0



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: 54.387 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

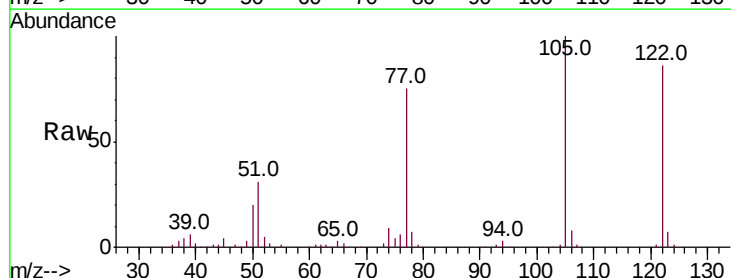
Tgt Ion:122 Resp: 534347

Ion Ratio Lower Upper

122 100

105 116.0 98.2 138.2

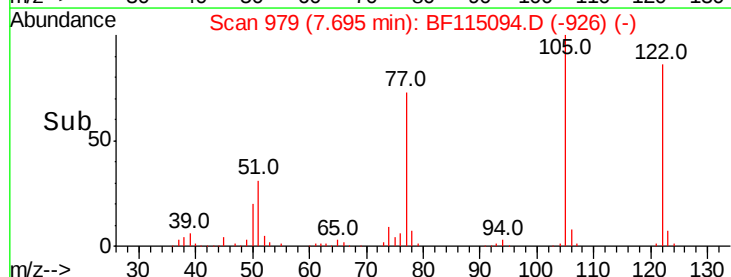
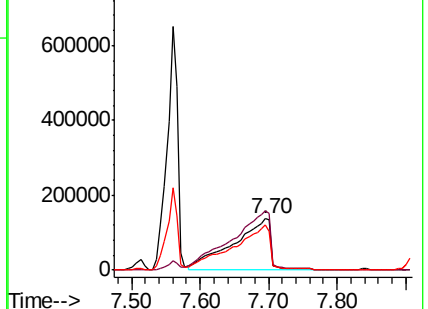
77 86.9 67.0 107.0

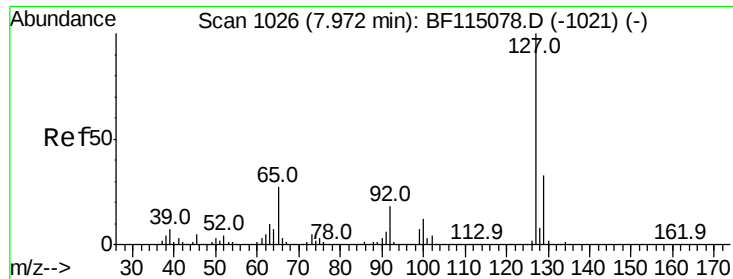


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

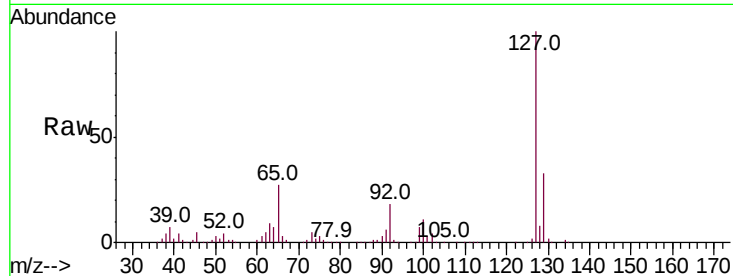




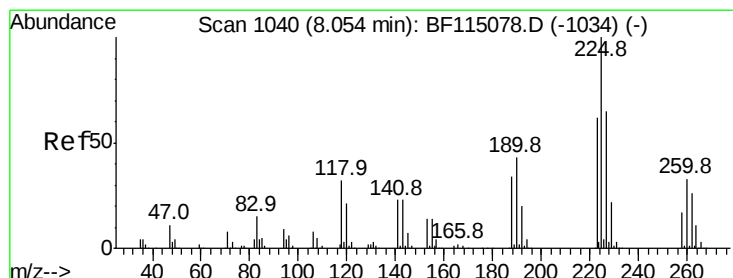
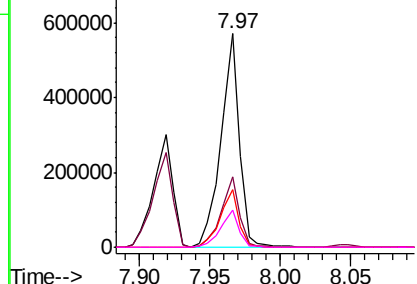
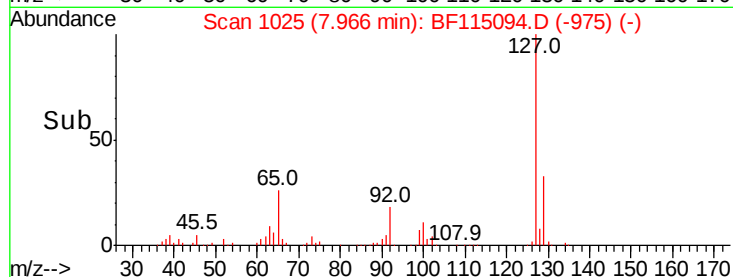
#33
4-Chloroaniline
Concen: 24.417 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	520652
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	26.8	21.4	32.2
92	17.6	14.1	21.1

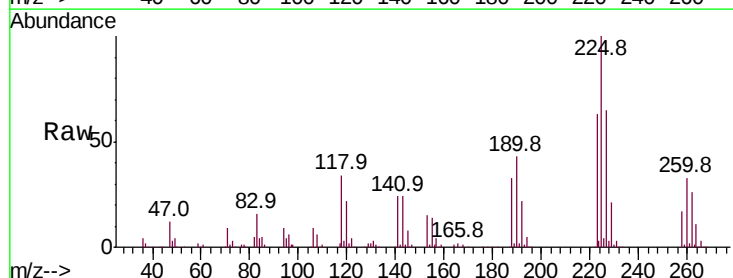


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

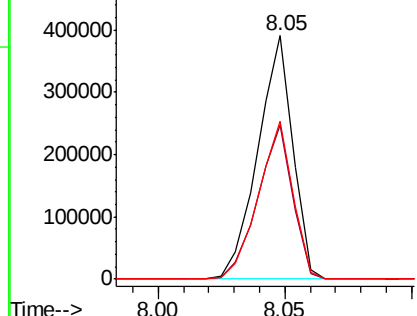
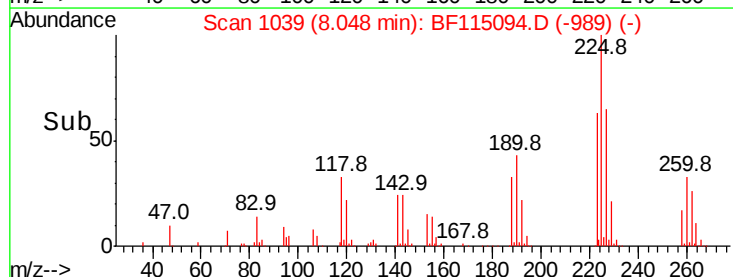


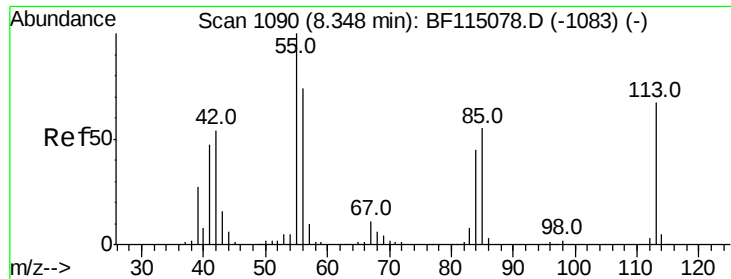
#34
Hexachlorobutadiene
Concen: 43.391 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:	225	Resp:	373073
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	64.9	51.8	77.8



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

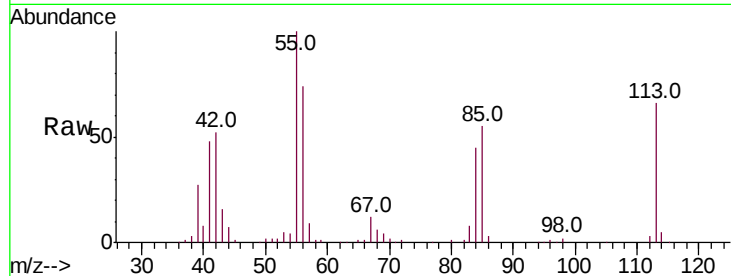




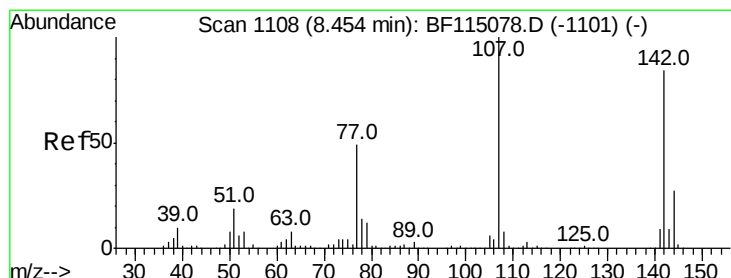
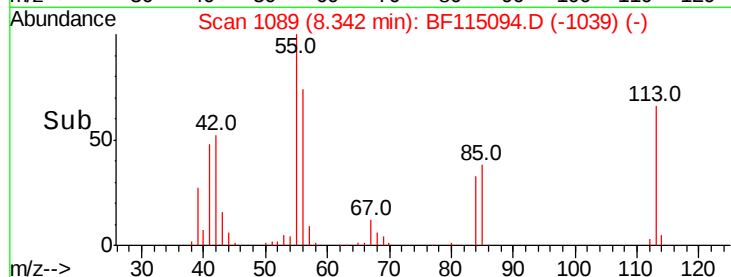
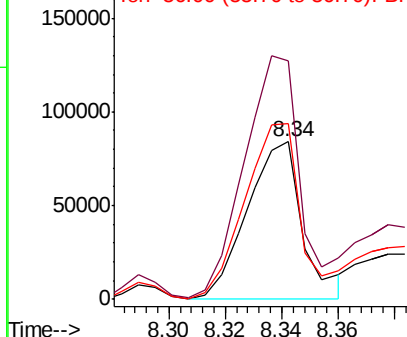
#35
Caprolactam
Concen: 23.979 ng
RT: 8.34 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 114512
Ion Ratio Lower Upper
113 100
55 151.5 130.2 170.2
56 111.8 91.6 131.6

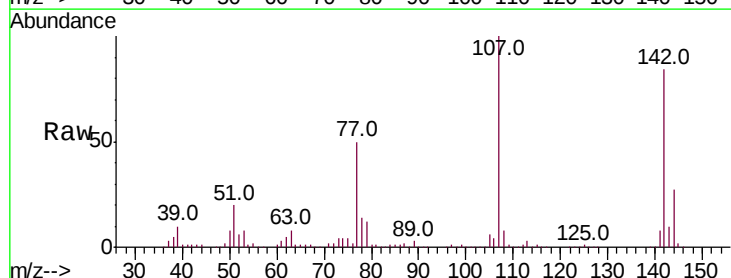


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

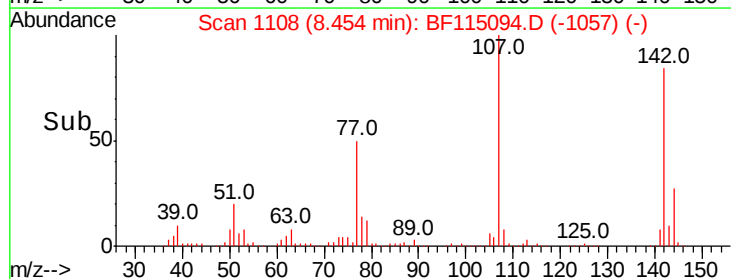
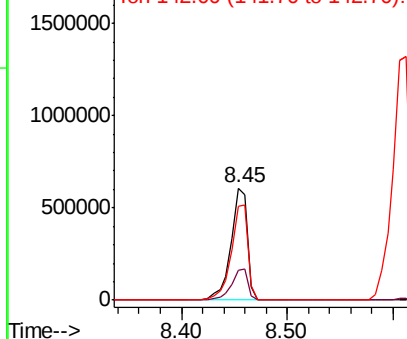


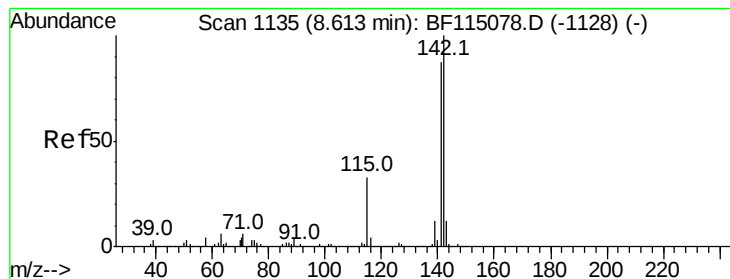
#36
4-Chloro-3-methylphenol
Concen: 45.079 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:107 Resp: 648458
Ion Ratio Lower Upper
107 100
144 27.1 21.7 32.5
142 83.9 67.0 100.4



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





#37

2-Methylnaphthalene

Concen: 46.416 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

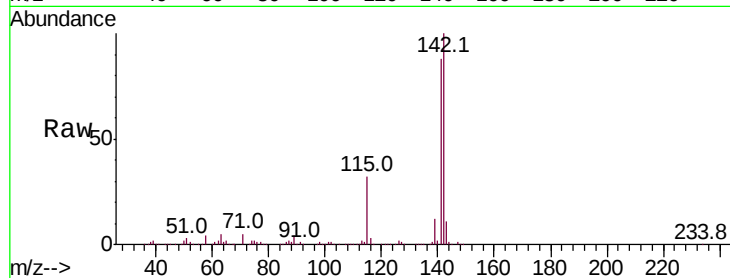
Tot Ion:142 Resp: 1460201

Ion Ratio Lower Upper

142 100

141 88.4 69.8 104.6

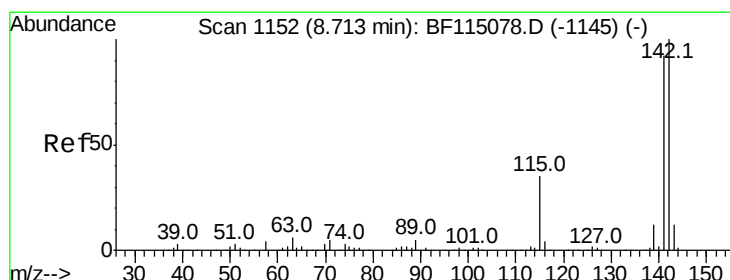
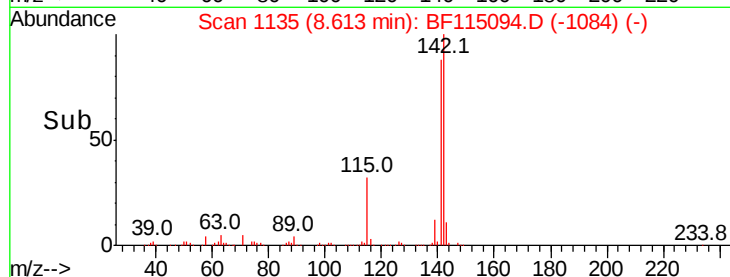
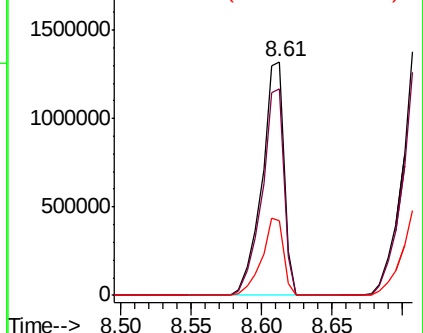
115 32.2 26.7 40.1



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: 46.228 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

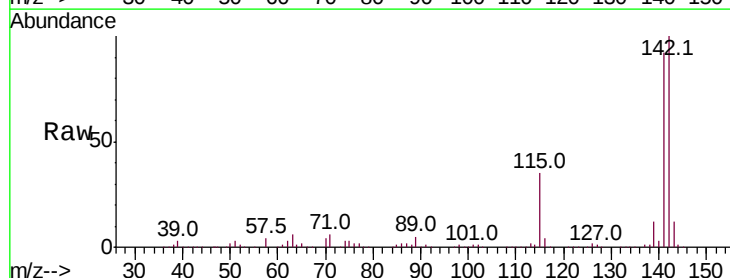
Tgt Ion:142 Resp: 1388943

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8

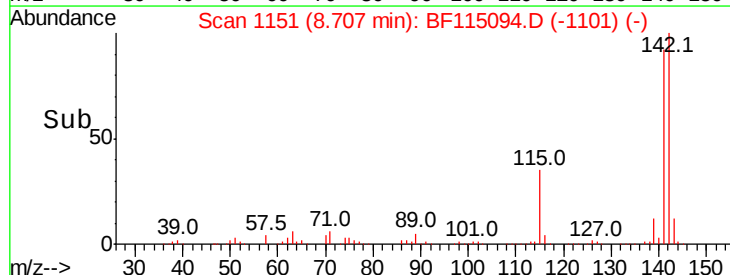
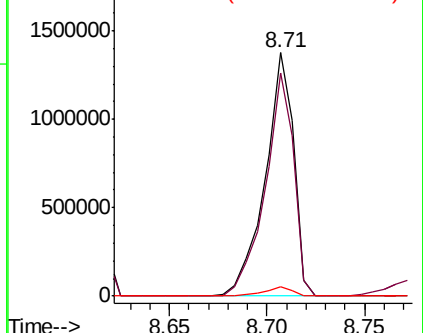
116 3.6 2.8 4.2

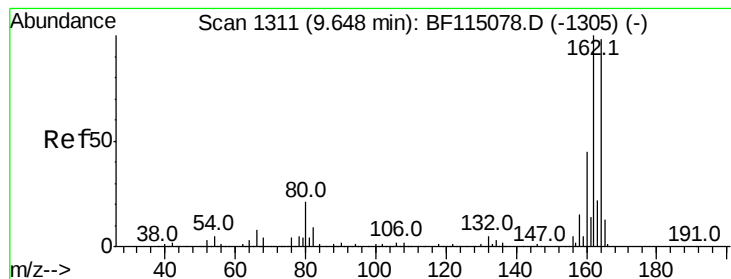


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

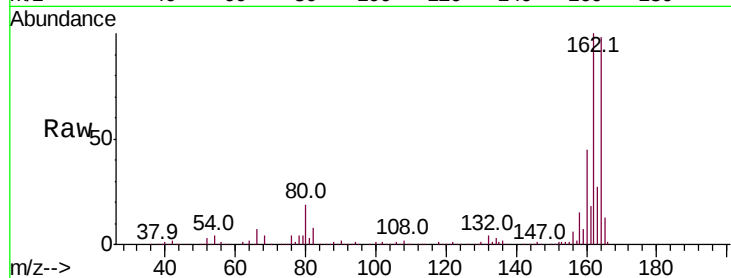
Tot Ion:164 Resp: 479757

Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

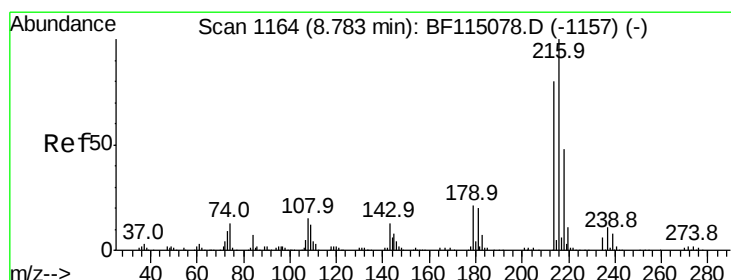
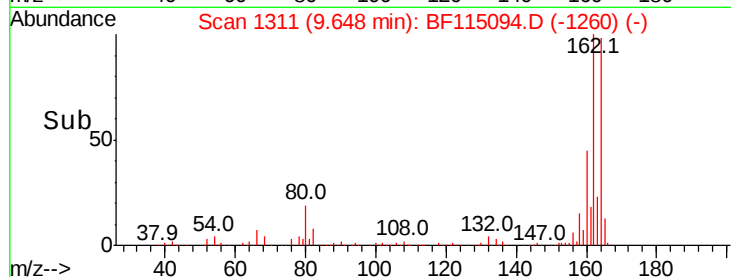
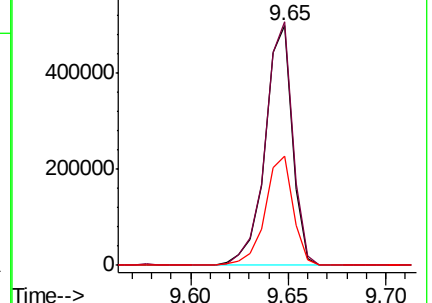
160 45.7 37.0 55.4



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: 43.405 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:216 Resp: 588441

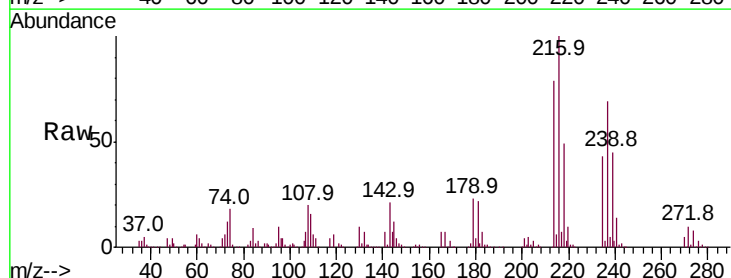
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 22.2 17.6 26.4

108 21.4 15.7 23.5

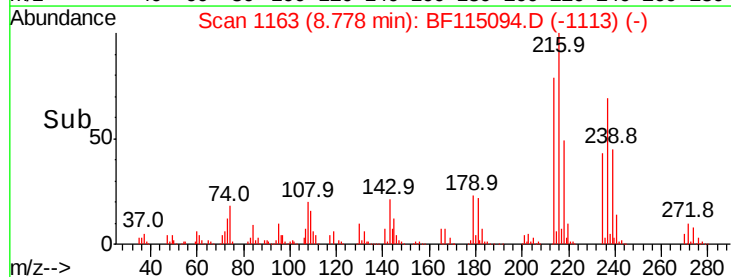
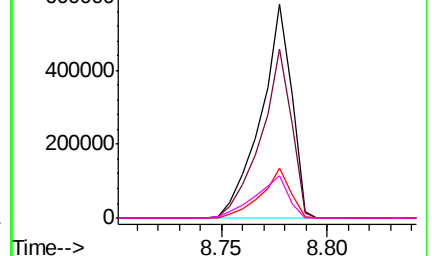


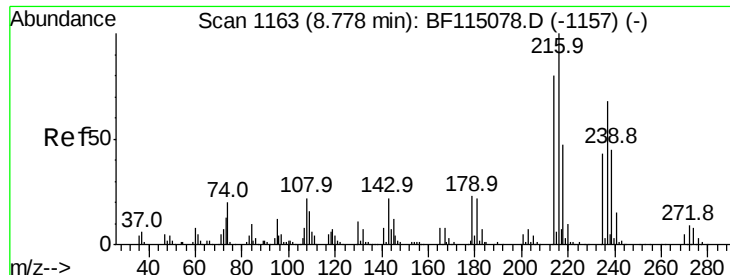
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.886 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

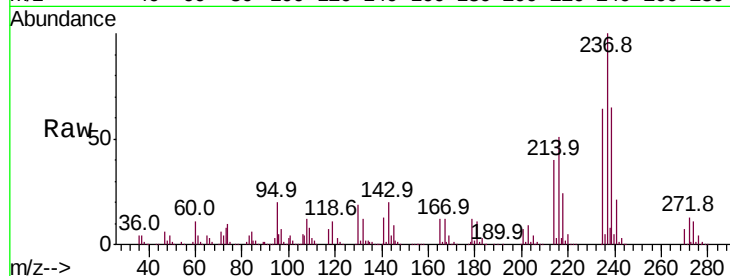
Tot Ion:237 Resp: 730618

Ion Ratio Lower Upper

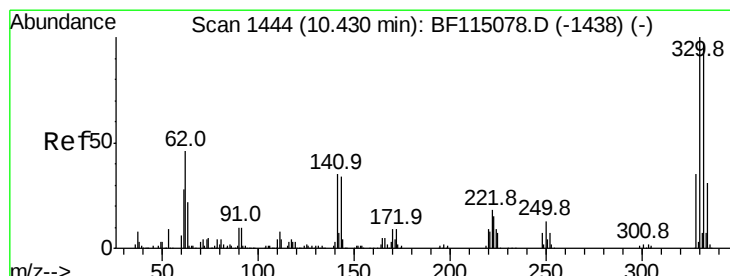
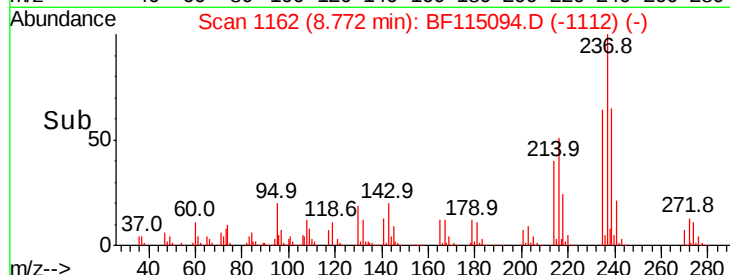
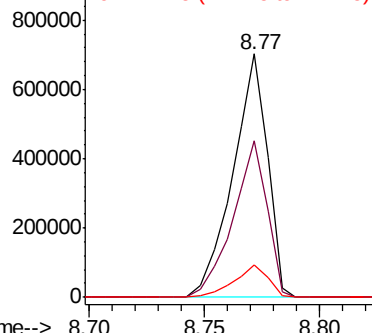
237 100

235 64.3 43.9 83.9

272 13.4 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: 120.460 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

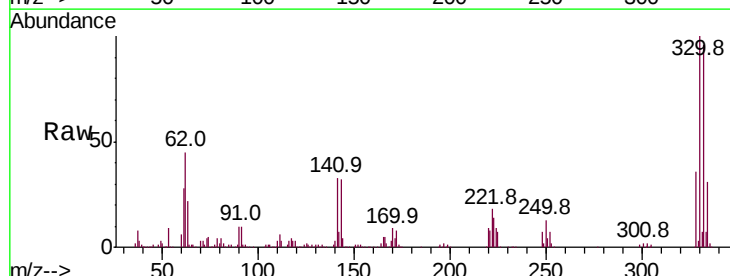
Tgt Ion:330 Resp: 609430

Ion Ratio Lower Upper

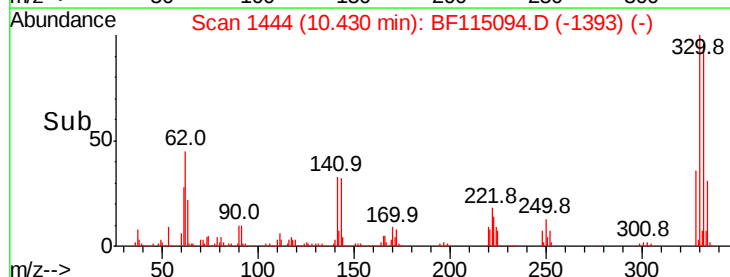
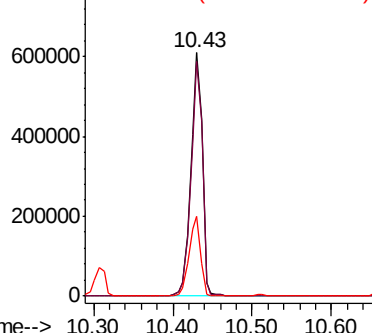
330 100

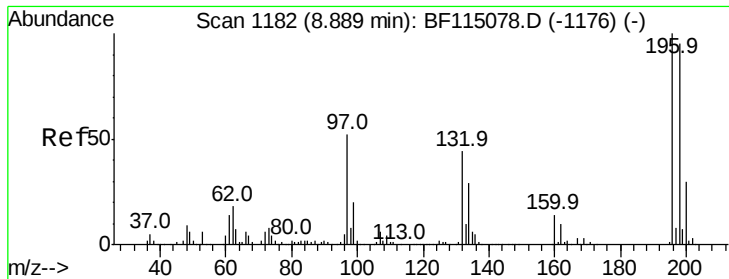
332 96.2 77.3 115.9

141 33.3 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

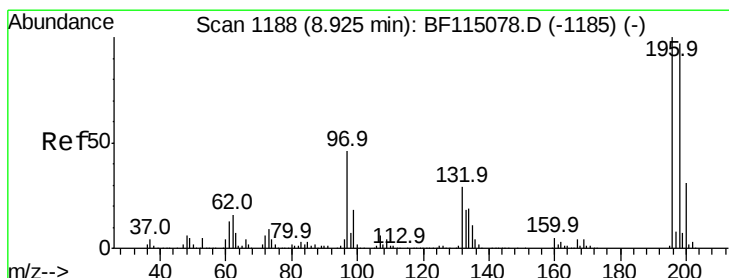
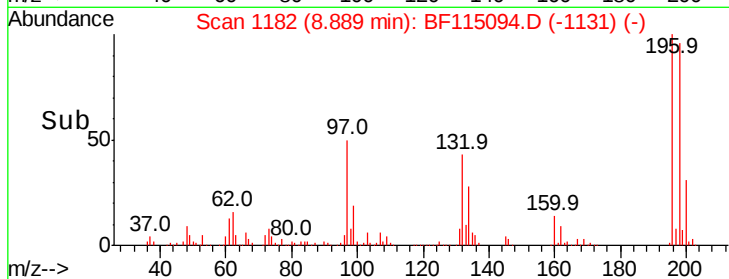
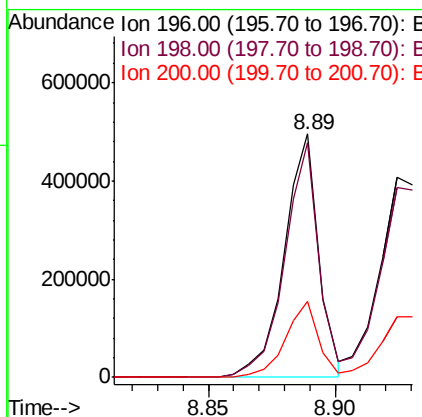
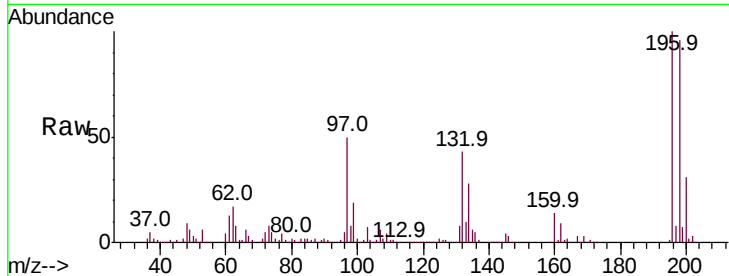




#43
 2,4,6-Trichlorophenol
 Concen: 44.821 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

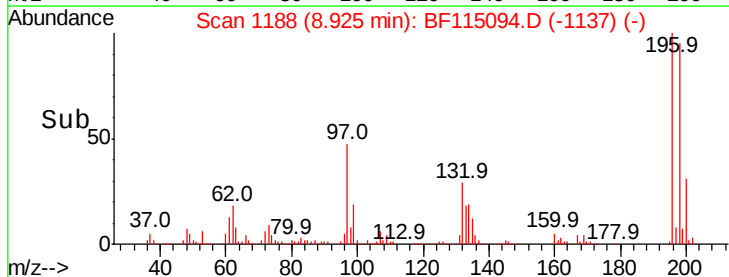
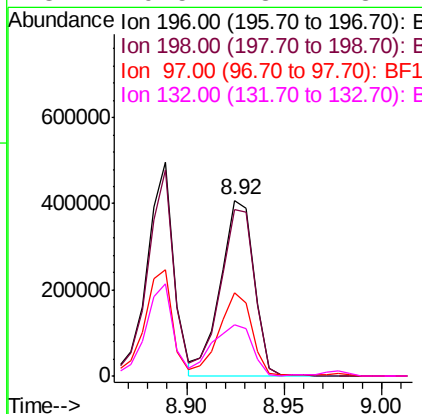
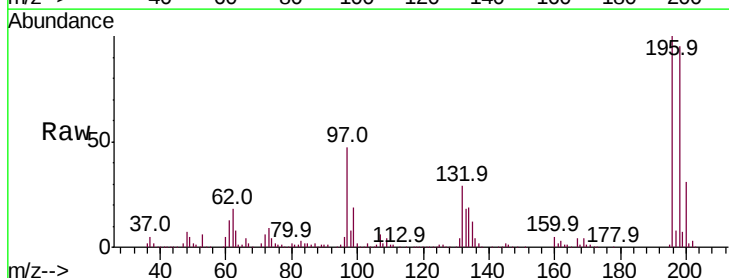
Instrument :
 BNA_F
 ClientSampleId :

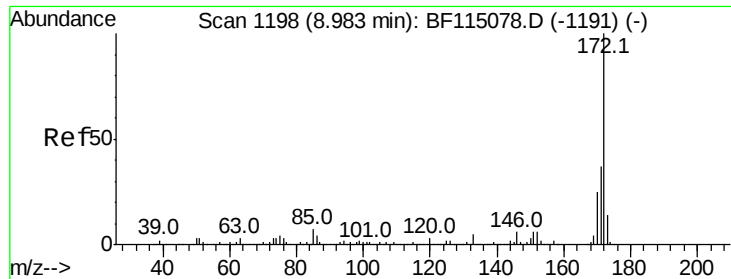
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
200	31.4	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.131 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.1	115.7
97	47.1	37.7	56.5
132	29.5	23.1	34.7



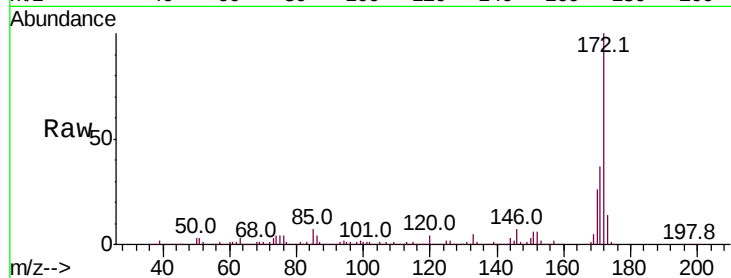


#45
 2-Fluorobiphenyl
 Concen: 87.763 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

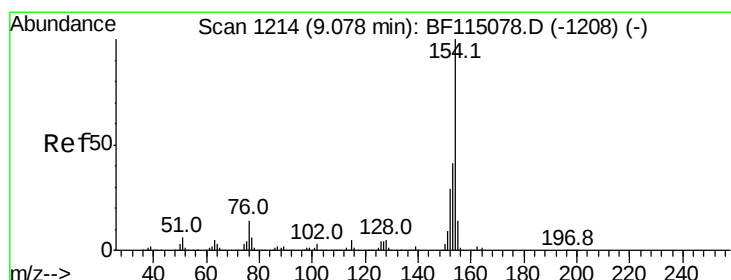
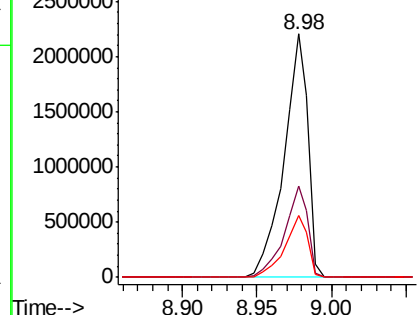
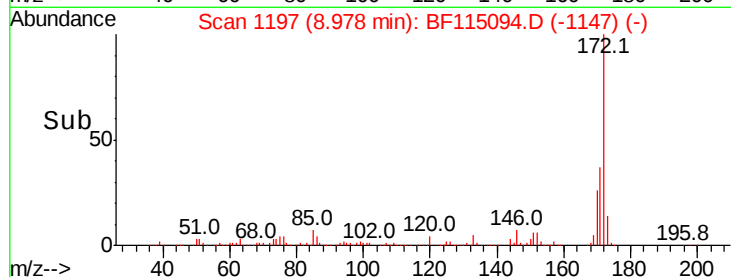
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2478774

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.6	20.3	30.5



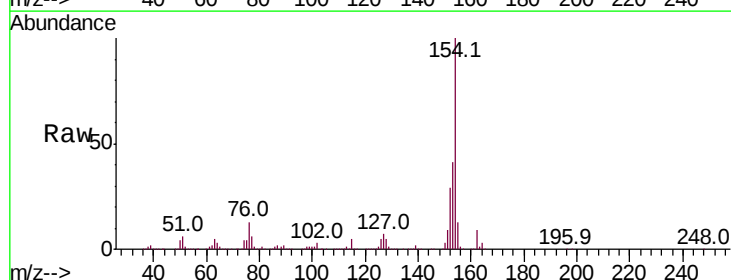
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



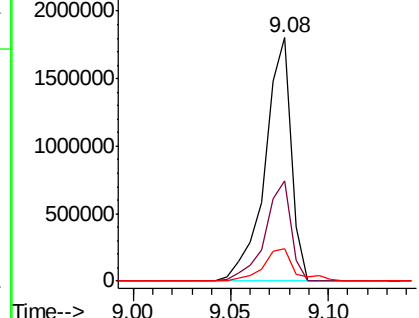
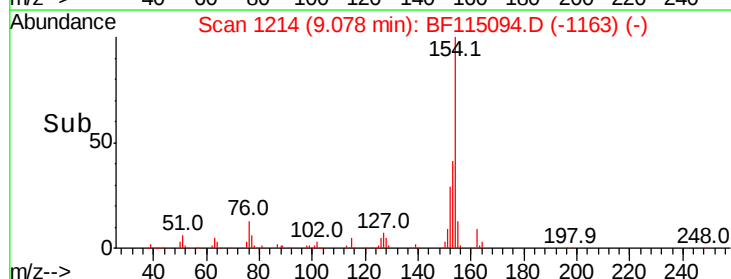
#46
 1,1'-Biphenyl
 Concen: 43.603 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

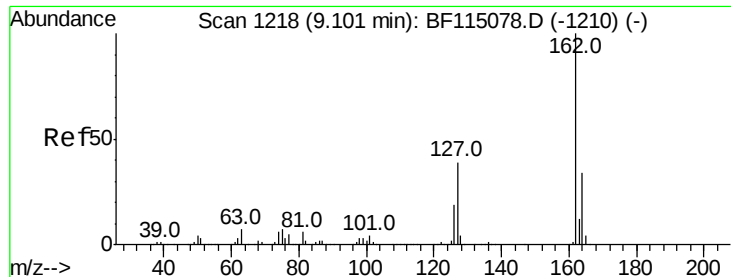
Tgt Ion:154 Resp: 1673786

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	13.1	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: 43.019 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

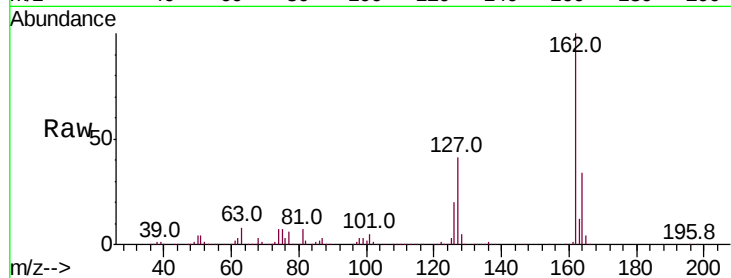
Tot Ion:162 Resp: 1339518

Ion Ratio Lower Upper

162 100

127 40.8 30.8 46.2

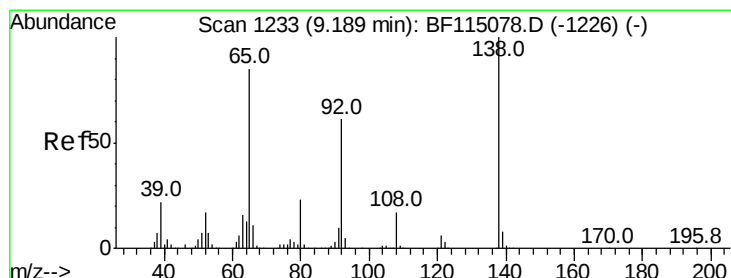
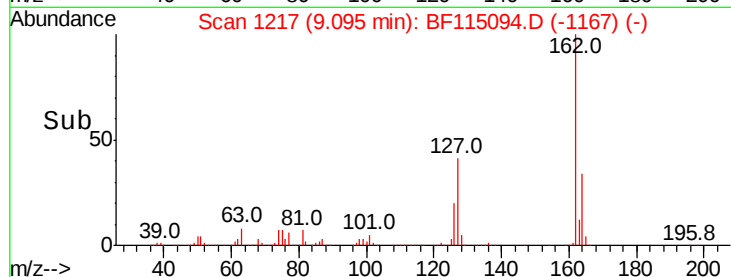
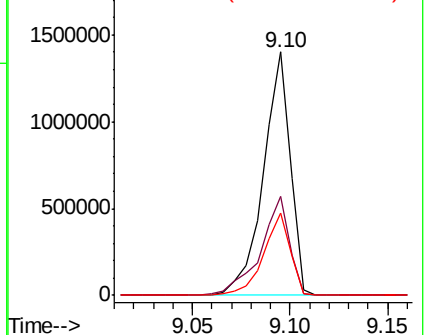
164 33.9 27.0 40.4



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: 43.327 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

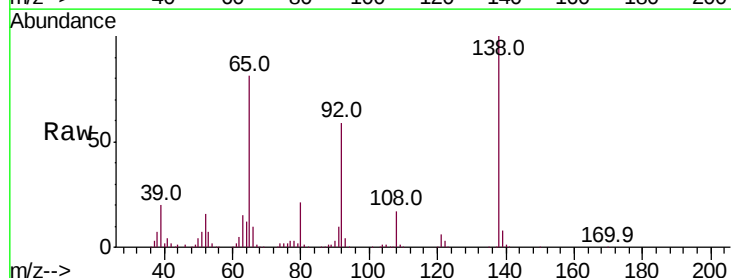
Tgt Ion: 65 Resp: 393321

Ion Ratio Lower Upper

65 100

92 72.7 57.4 86.2

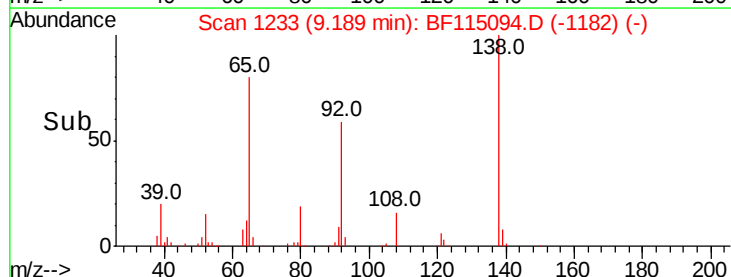
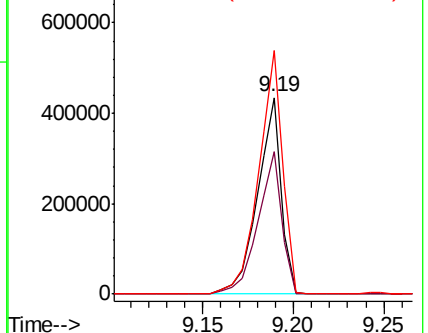
138 123.9 94.1 141.1

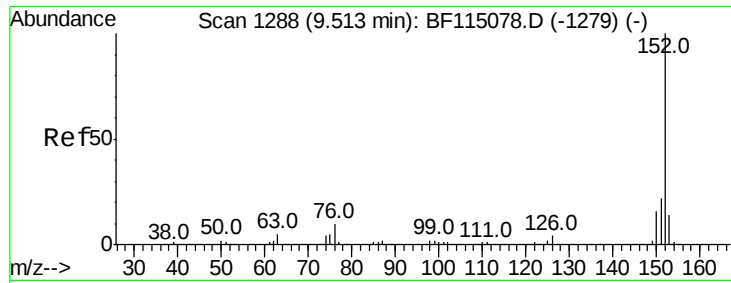


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

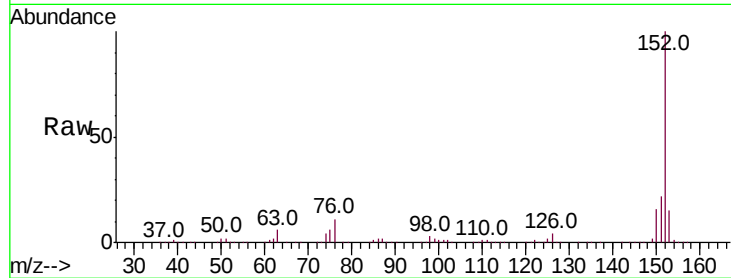




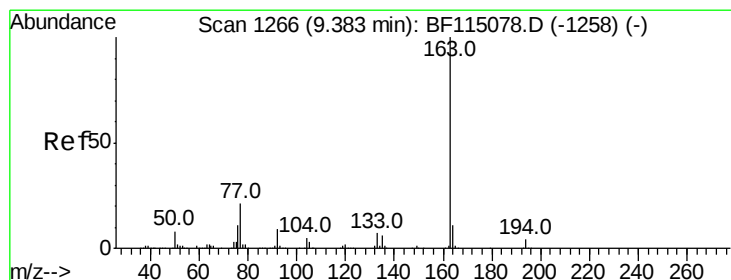
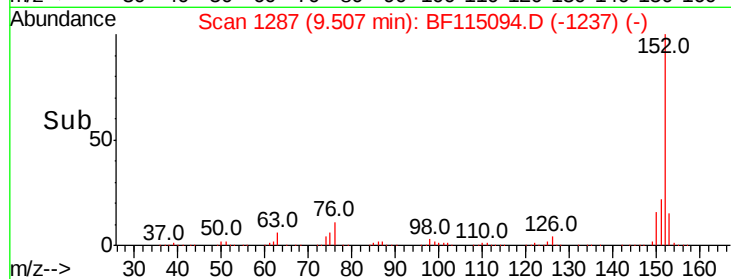
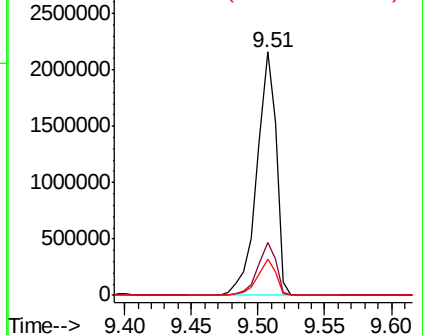
#49
Acenaphthylene
Concen: 43.601 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 2115280
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 14.7 11.0 16.6

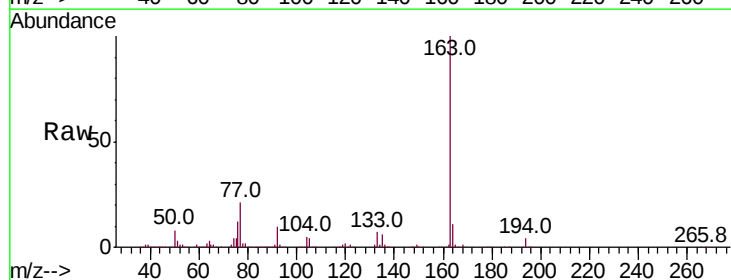


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

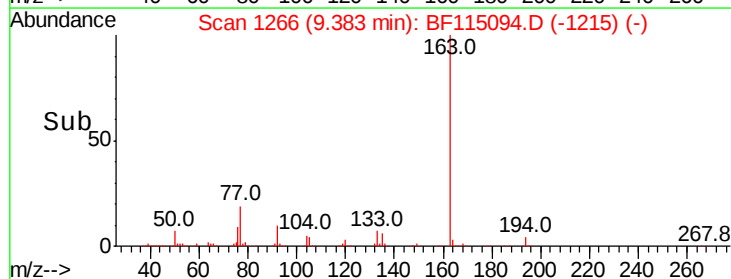
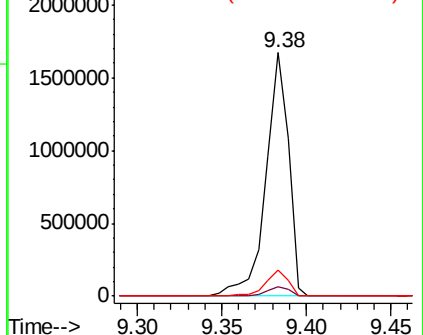


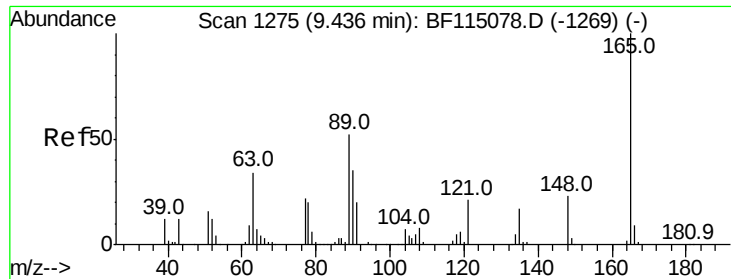
#50
Dimethylphthalate
Concen: 43.858 ng
RT: 9.38 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:163 Resp: 1548049
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.8 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

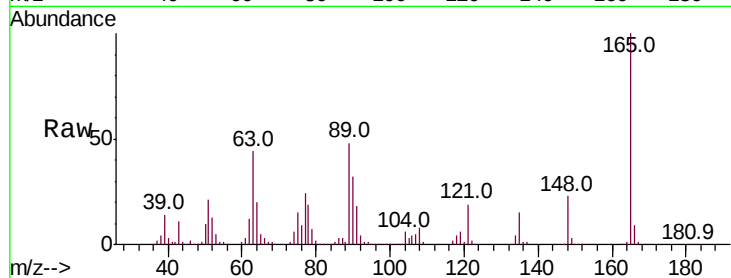




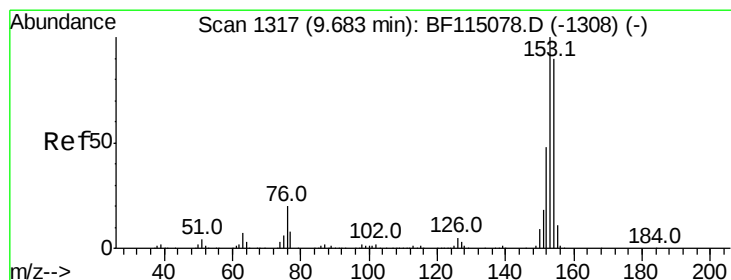
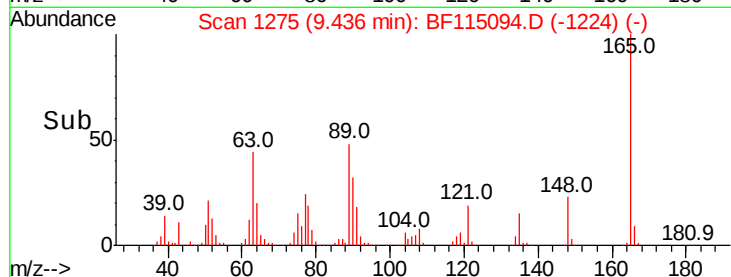
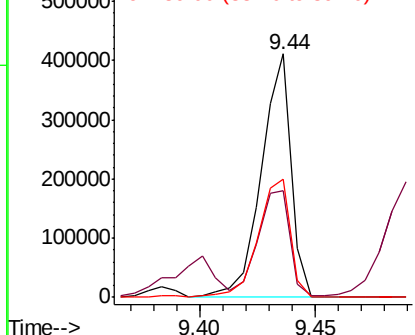
#51
2,6-Dinitrotoluene
Concen: 45.180 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 368164
Ion Ratio Lower Upper
165 100
63 43.7 39.4 59.2
89 48.4 42.0 63.0

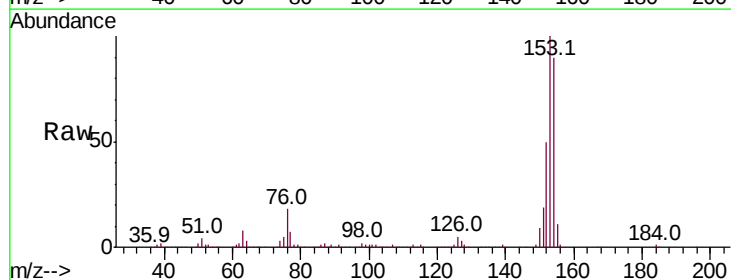


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

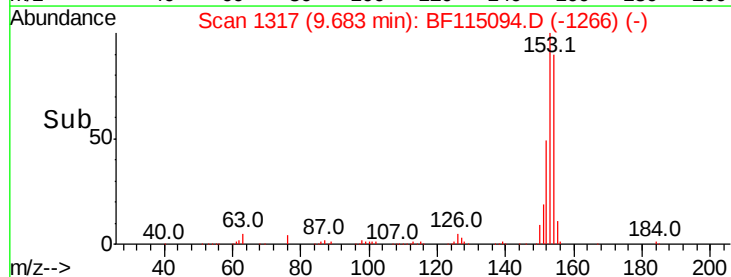
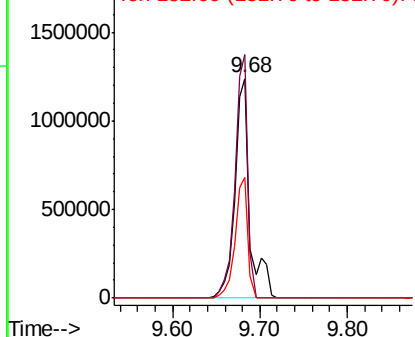


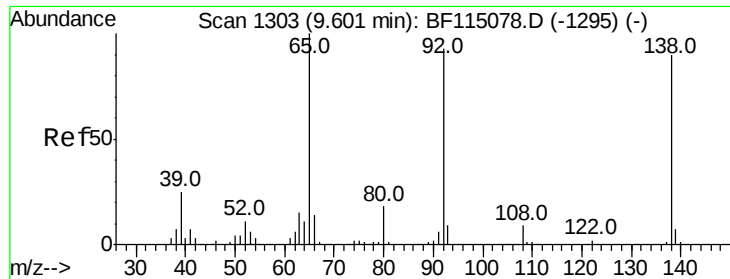
#52
Acenaphthene
Concen: 47.685 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:154 Resp: 1447610
Ion Ratio Lower Upper
154 100
153 111.0 88.7 133.1
152 54.9 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

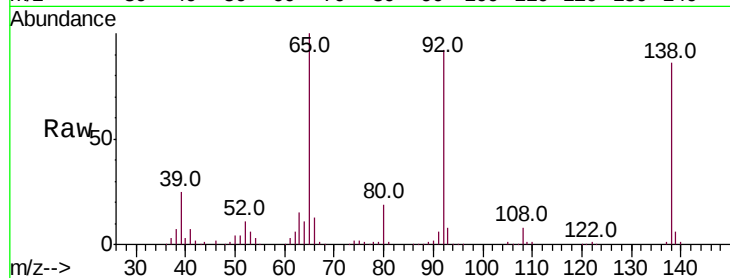




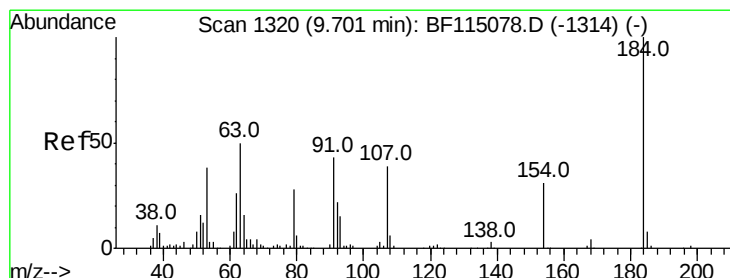
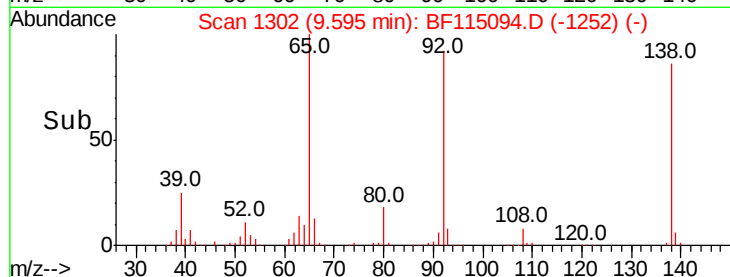
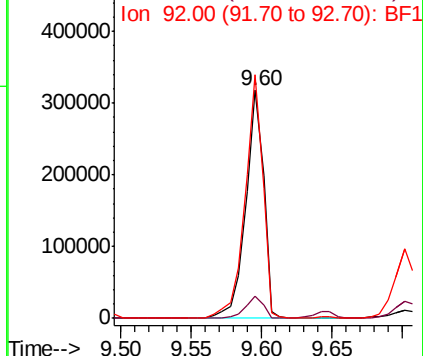
#53
 3-Nitroaniline
 Concen: 28.289 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 281318
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 106.9 82.9 124.3

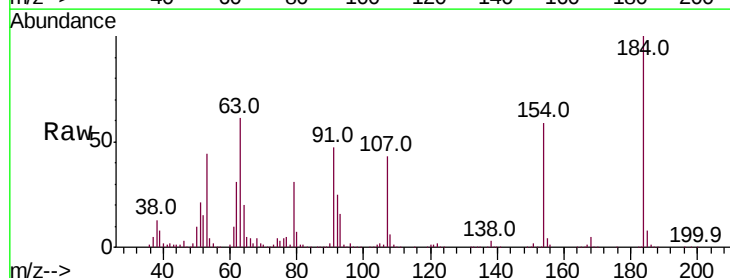


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

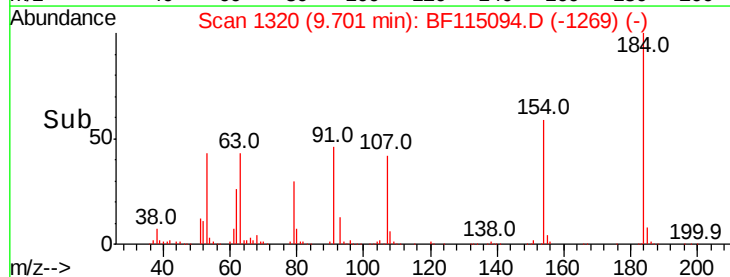
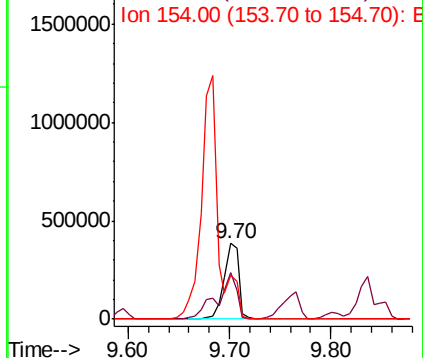


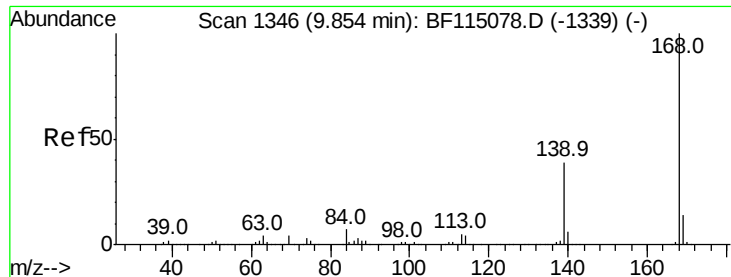
#54
 2,4-Dinitrophenol
 Concen: 91.563 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:184 Resp: 388842
 Ion Ratio Lower Upper
 184 100
 63 61.4 41.9 62.9
 154 58.8 44.7 67.1



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

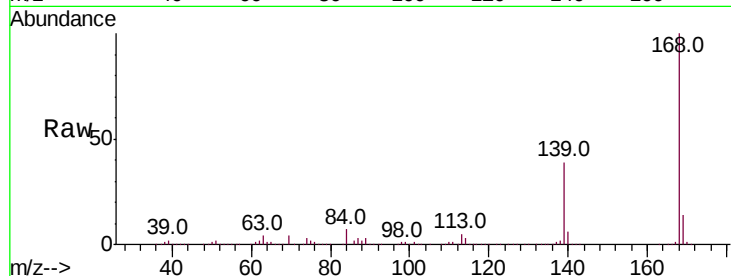




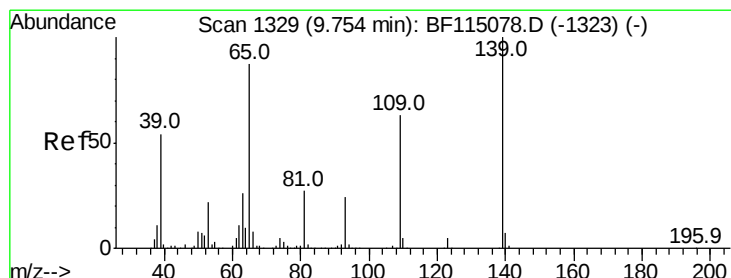
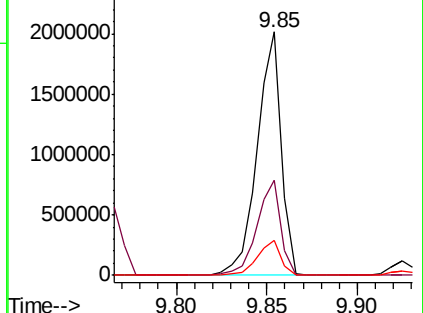
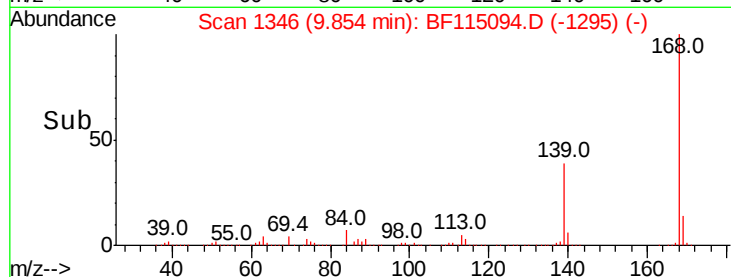
#55
Dibenzenofuran
Concen: 42.650 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1858328
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 14.2 11.3 16.9

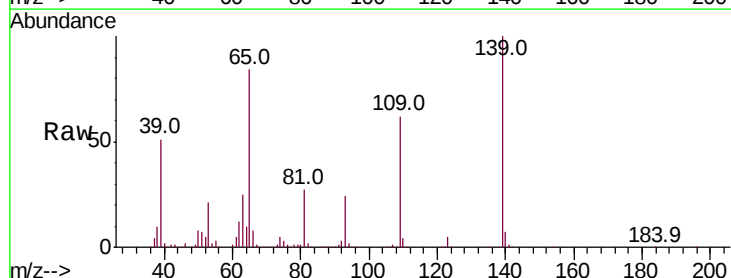


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

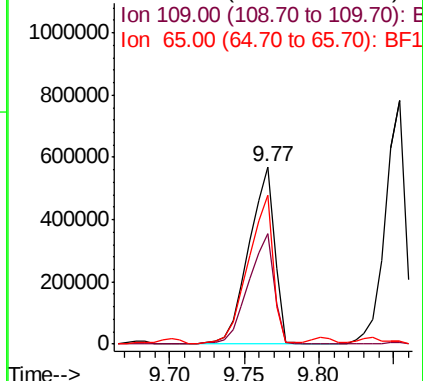
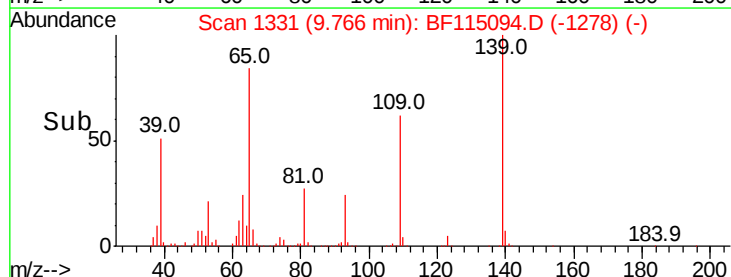


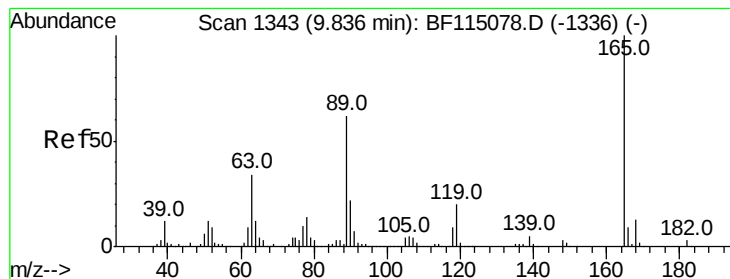
#56
4-Nitrophenol
Concen: 85.165 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:139 Resp: 678966
Ion Ratio Lower Upper
139 100
109 62.4 43.0 83.0
65 84.0 67.0 107.0



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





#57

2,4-Dinitrotoluene

Concen: 46.686 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 491224

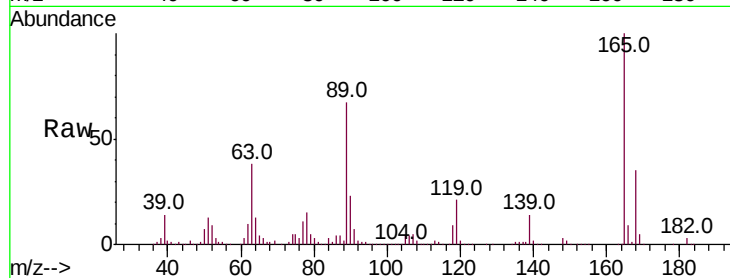
Ion Ratio Lower Upper

165 100

63 38.4 27.5 41.3

89 66.6 49.9 74.9

182 2.6 2.1 3.1

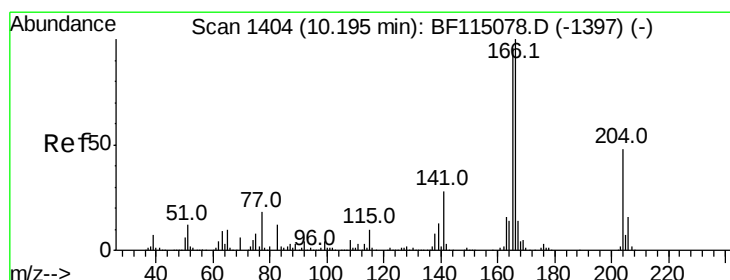
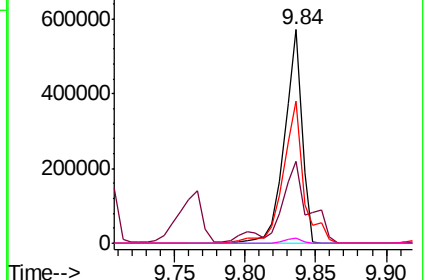
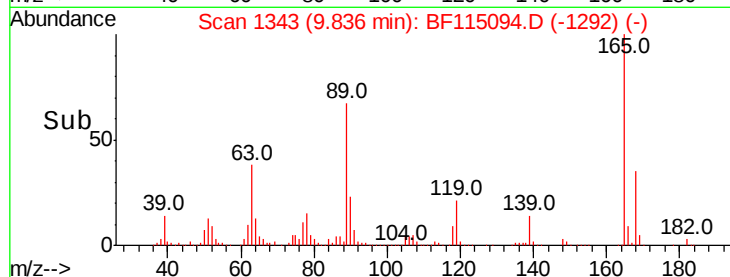


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.683 ng

RT: 10.20 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

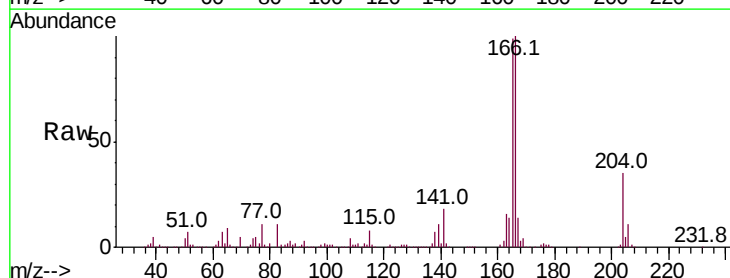
Tgt Ion:166 Resp: 1272819

Ion Ratio Lower Upper

166 100

165 98.6 76.5 114.7

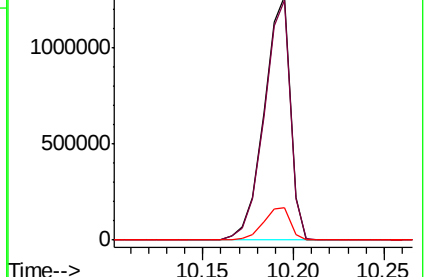
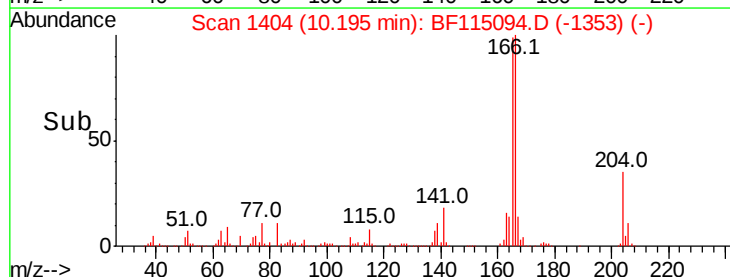
167 13.6 11.0 16.4

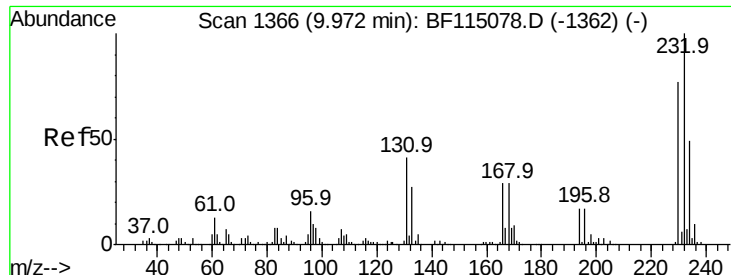


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

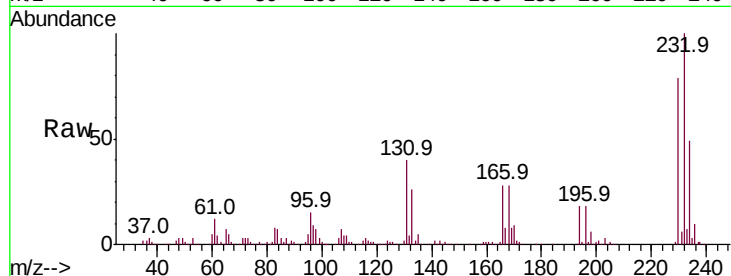




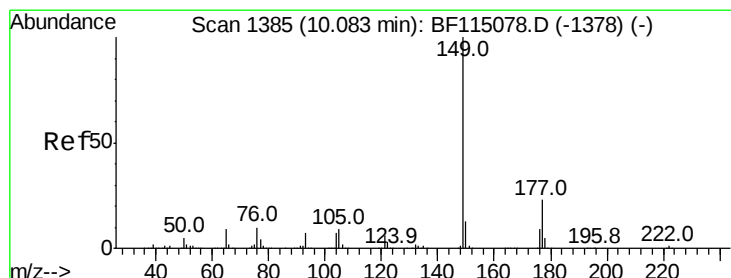
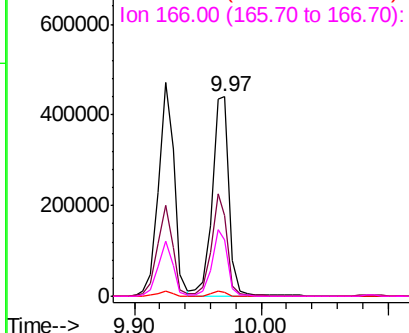
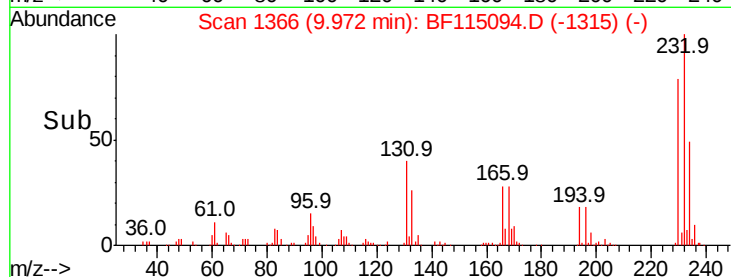
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.224 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	417771
Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.4	56.0
130	2.3	1.8	2.6
166	31.4	24.6	36.8

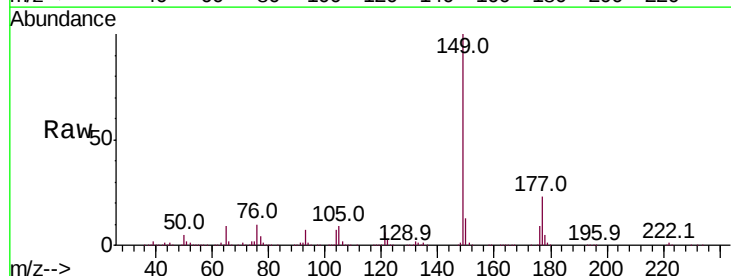


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

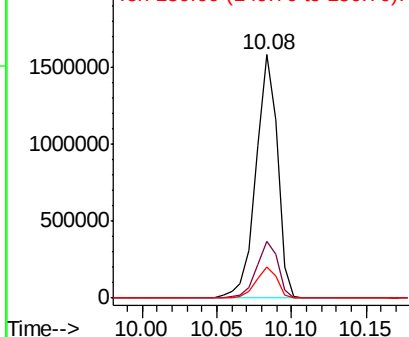
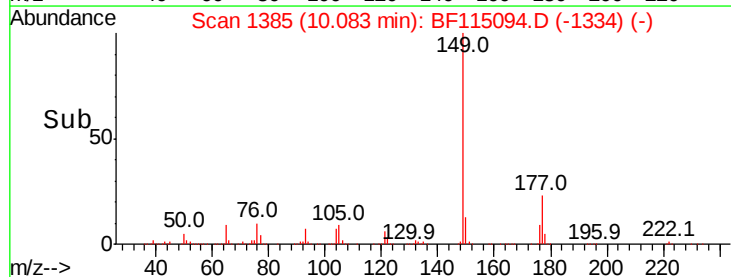


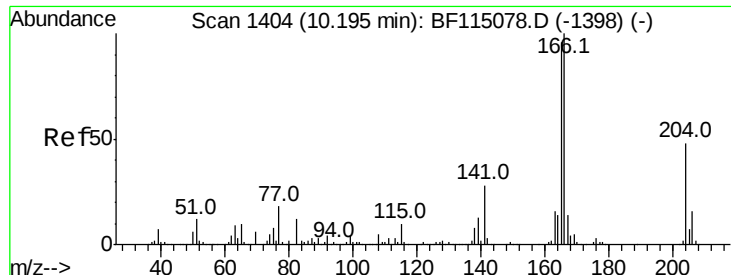
#60
 Diethylphthalate
 Concen: 44.054 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:	149	Resp:	1563050
Ion	Ratio	Lower	Upper
149	100		
177	23.3	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

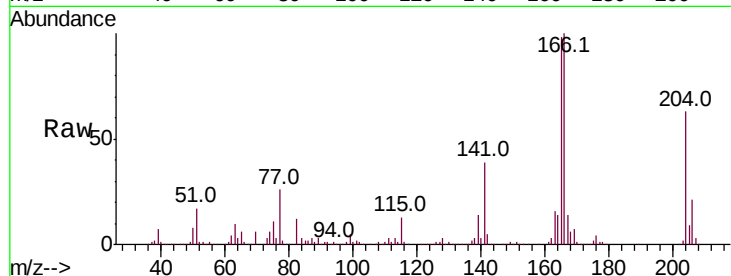




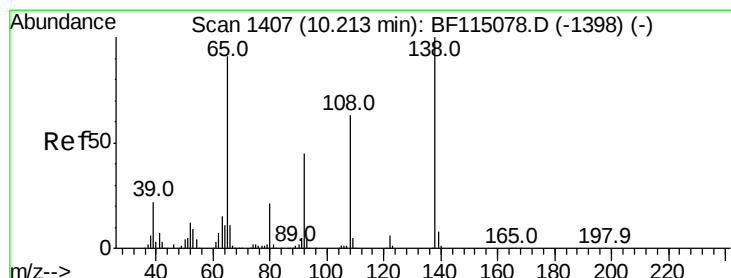
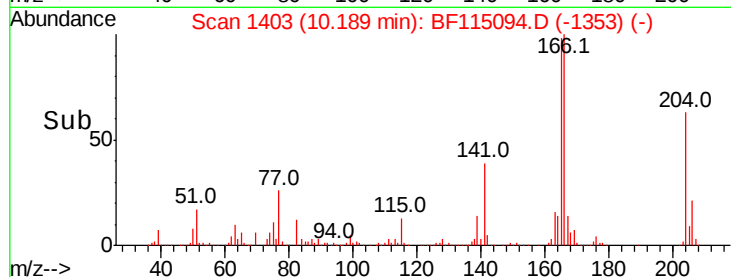
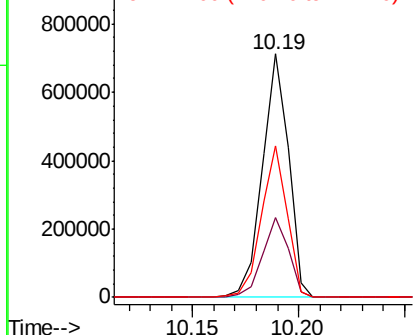
#61
 4-Chlorophenyl-phenylether
 Concen: 44.687 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 616706
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 40.0
 141 62.2 46.7 70.1

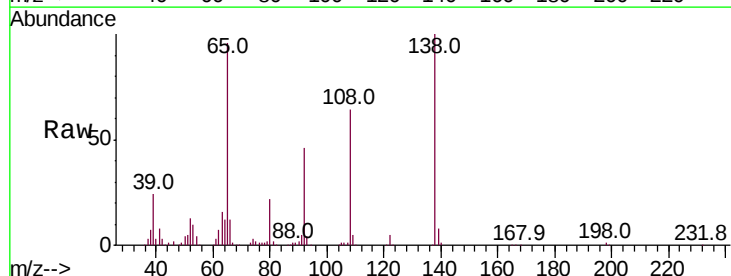


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

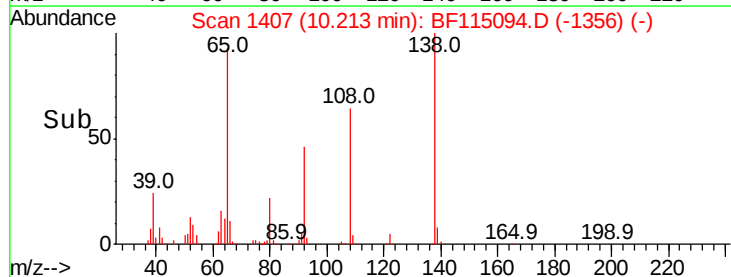
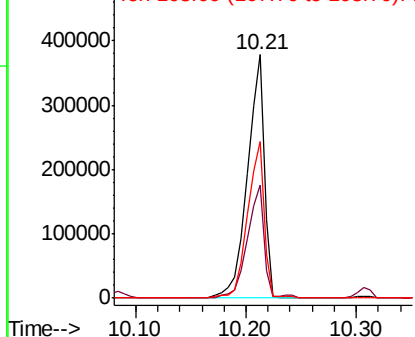


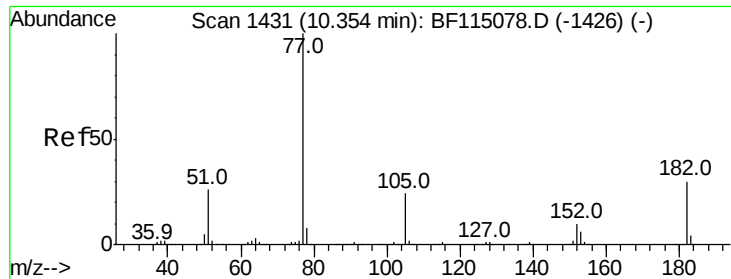
#62
 4-Nitroaniline
 Concen: 41.091 ng
 RT: 10.21 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:138 Resp: 409931
 Ion Ratio Lower Upper
 138 100
 92 46.2 24.8 64.8
 108 64.5 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

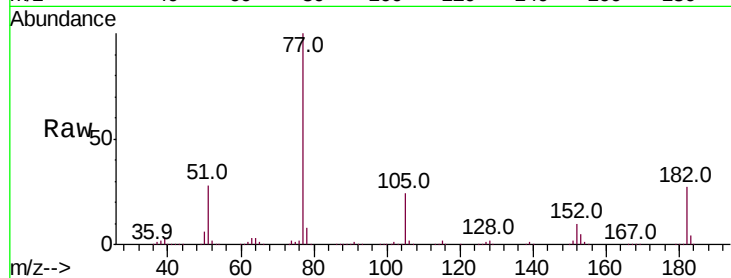




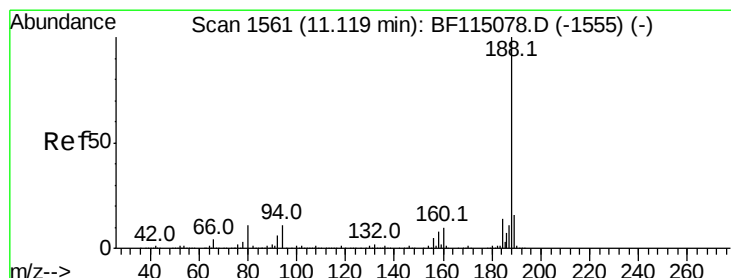
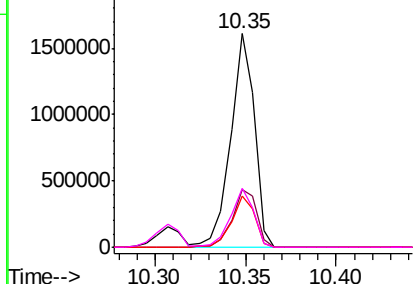
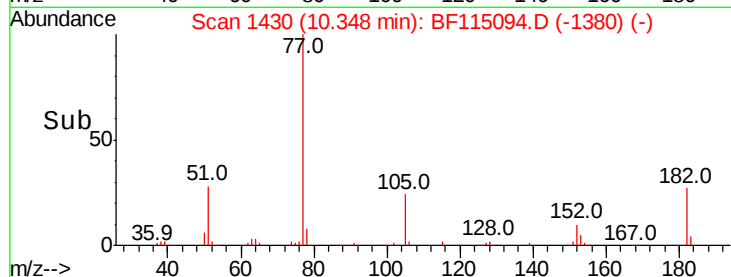
#63
Azobenzene
Concen: 44.249 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1466412
Ion Ratio Lower Upper
77 100
182 26.9 10.1 50.1
105 23.9 4.5 44.5
51 27.6 6.4 46.4

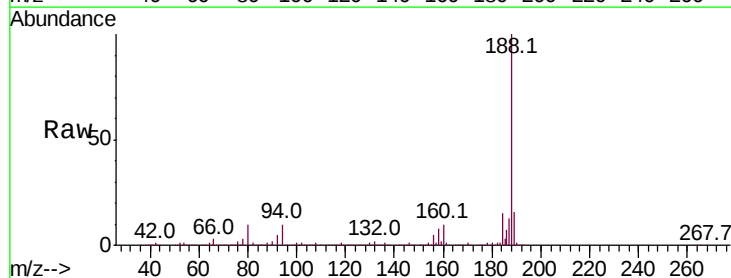


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

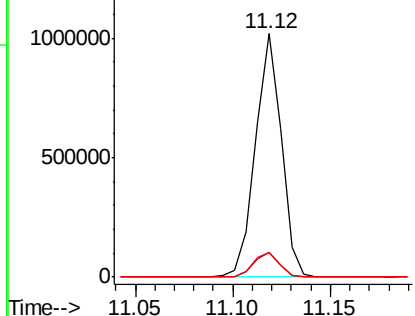
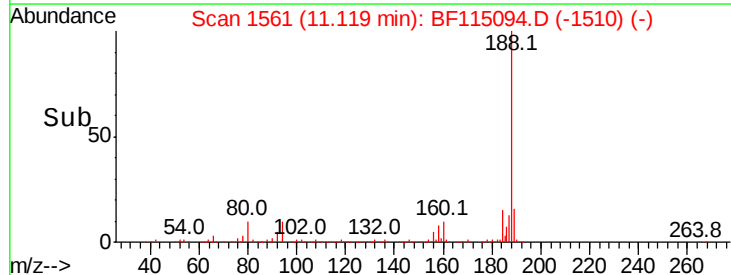


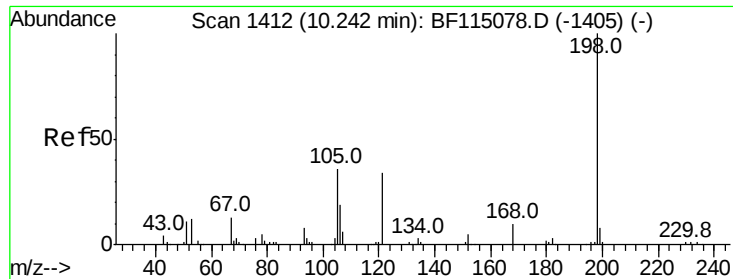
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion: 188 Resp: 936812
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.4 8.8 13.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.142 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

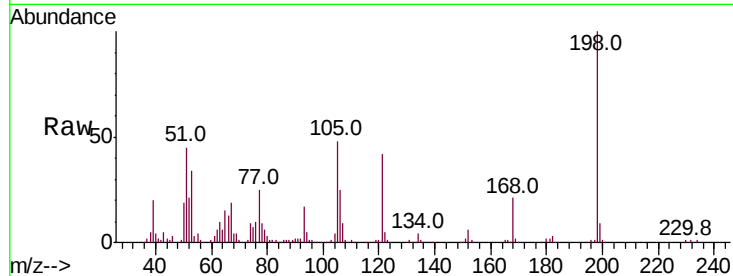
Tot Ion:198 Resp: 228931

Ion Ratio Lower Upper

198 100

51 44.8 11.0 51.0

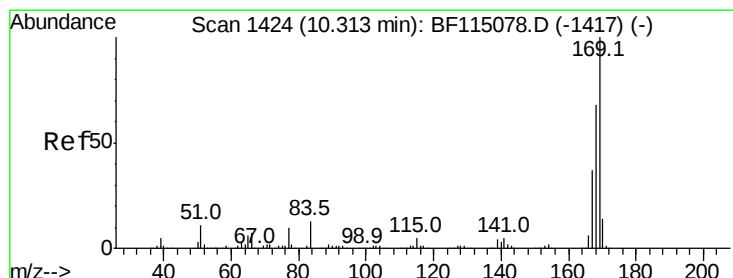
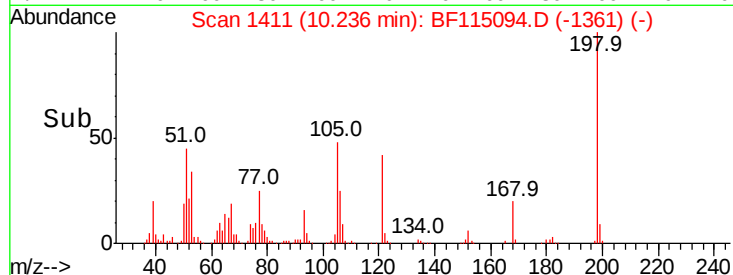
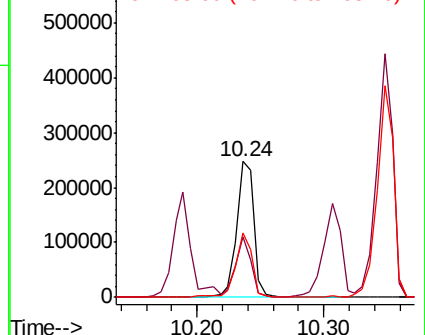
105 47.7 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.864 ng

RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

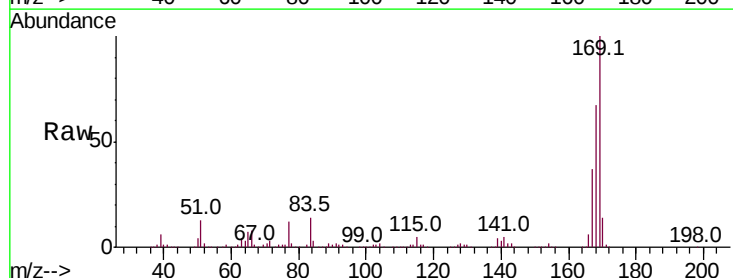
Tgt Ion:169 Resp: 1309399

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.4

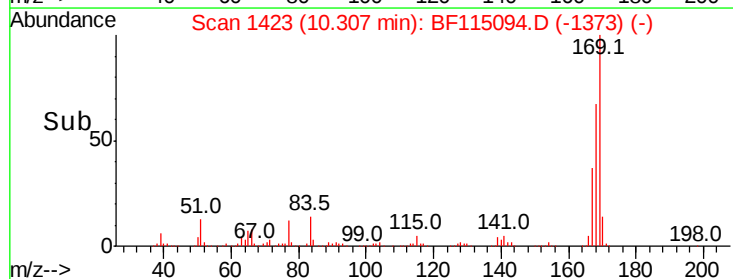
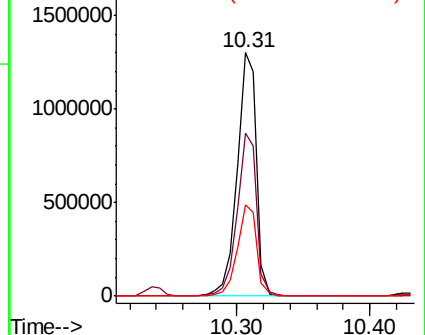
167 37.3 29.4 44.0

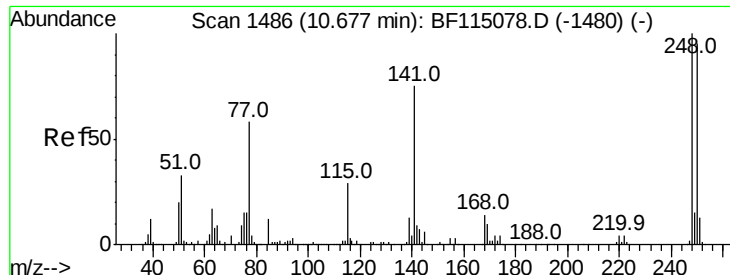


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.625 ng

RT: 10.68 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

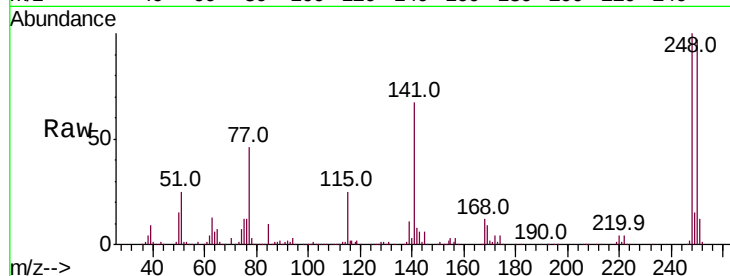
Tot Ion:248 Resp: 443097

Ion Ratio Lower Upper

248 100

250 97.1 76.2 114.2

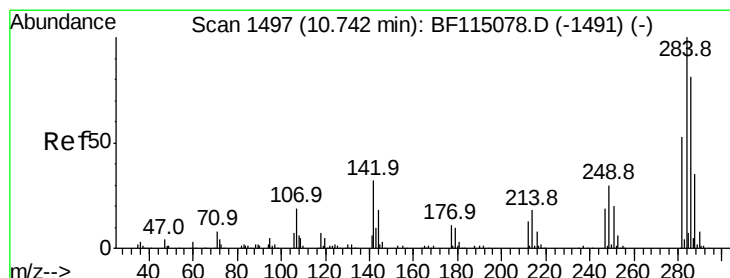
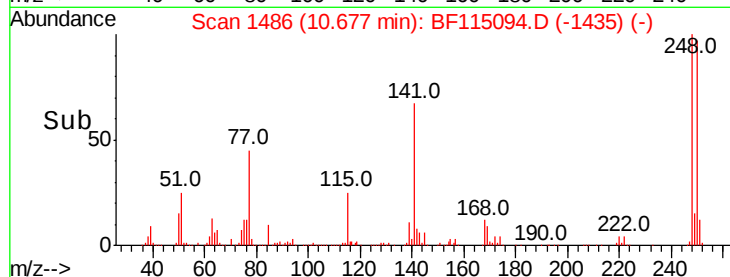
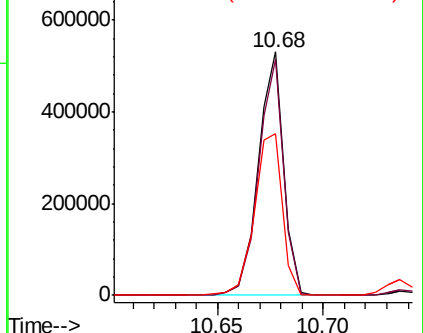
141 66.6 59.6 89.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.205 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

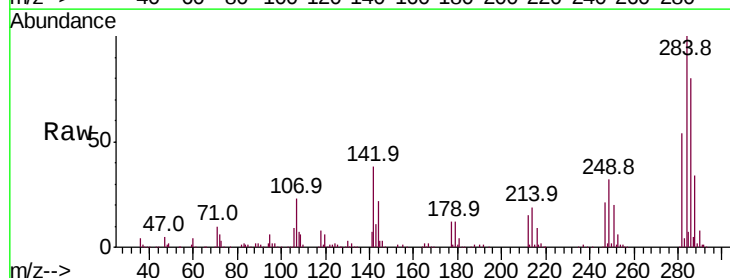
Tgt Ion:284 Resp: 476322

Ion Ratio Lower Upper

284 100

142 37.8 25.8 38.8

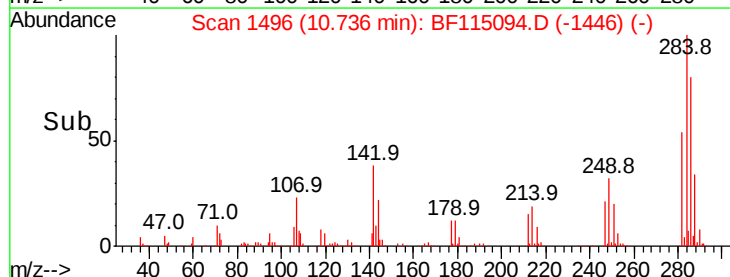
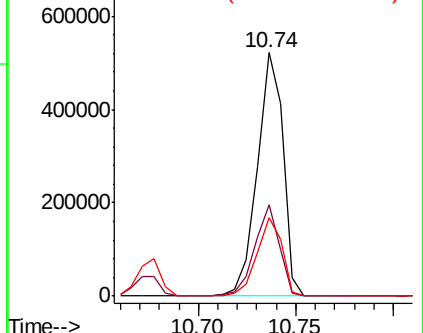
249 32.4 24.2 36.4

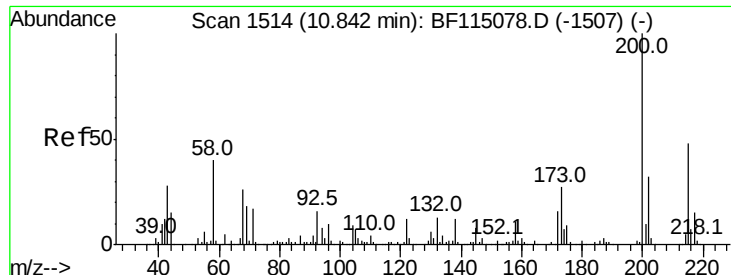


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

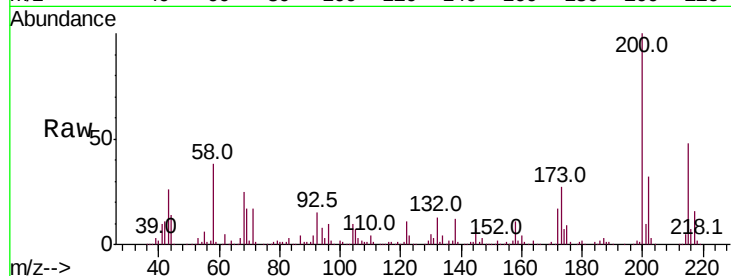




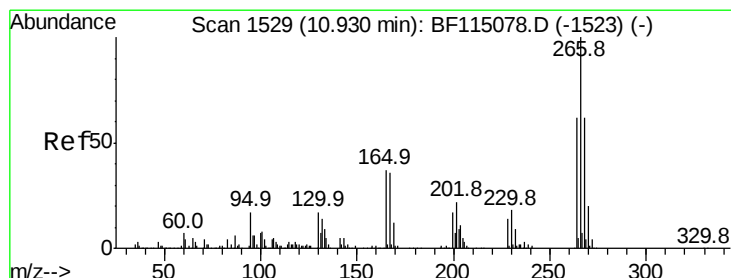
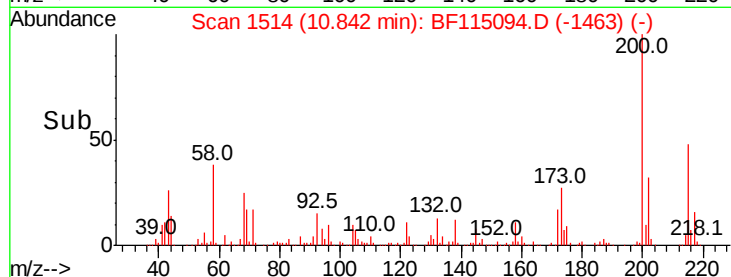
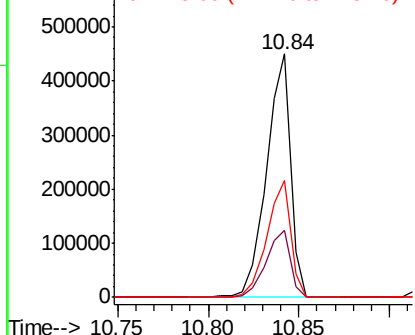
#69
Atrazine
Concen: 43.868 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	48.1	27.8	67.8

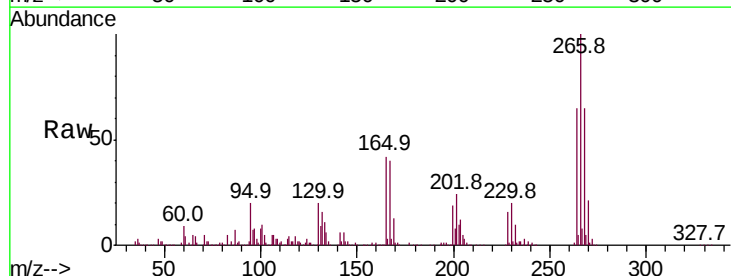


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

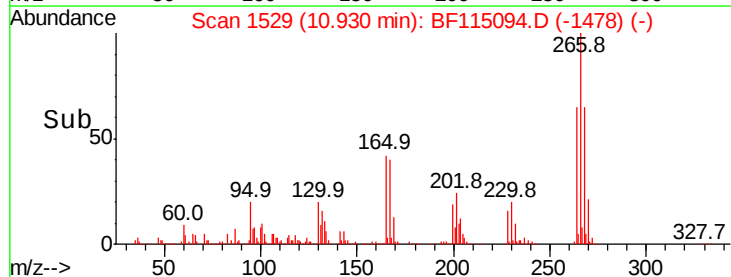
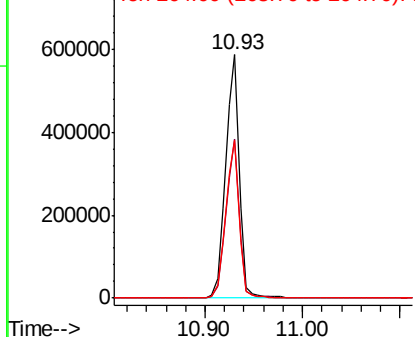


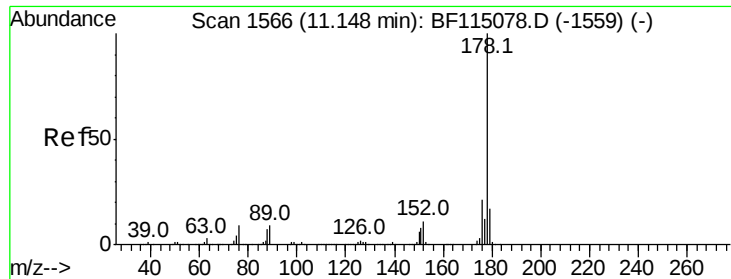
#70
Pentachlorophenol
Concen: 81.333 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	49.5	74.3
264	64.7	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

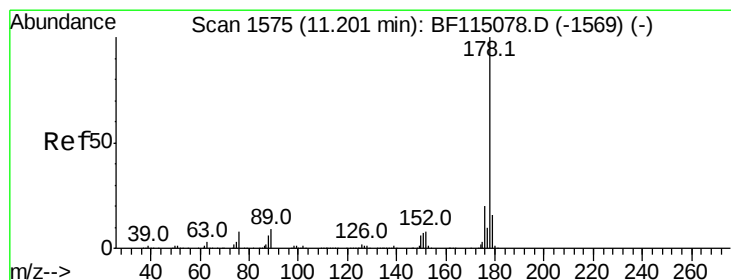
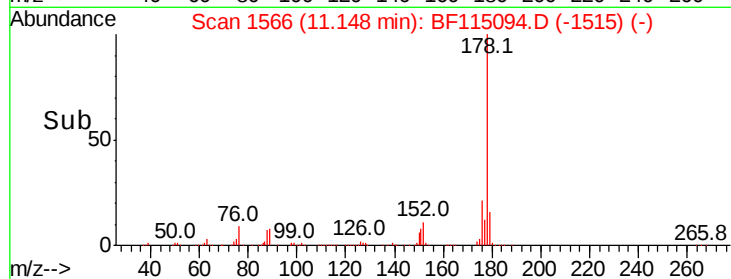
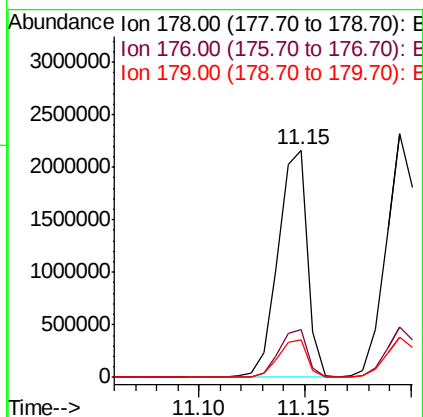
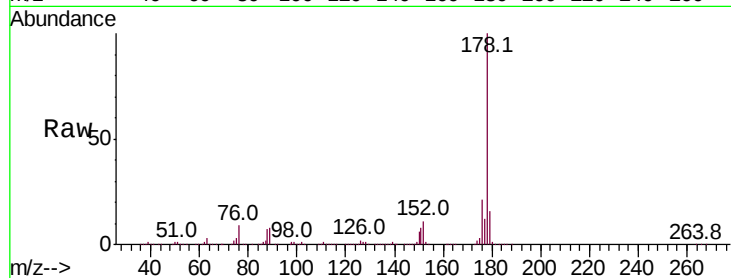




#71
Phenanthrene
Concen: 41.482 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

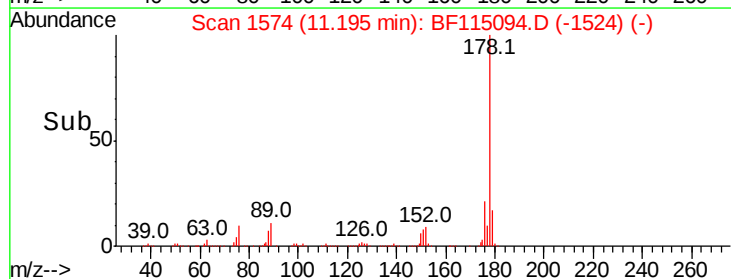
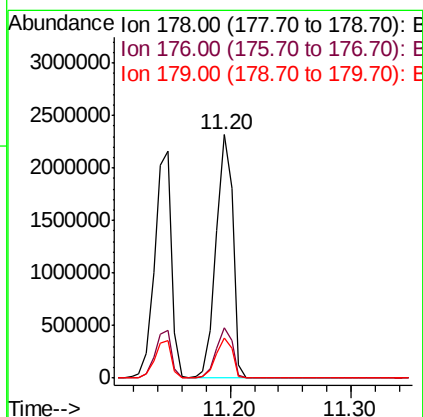
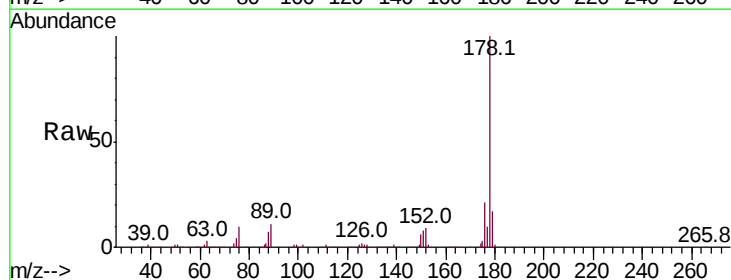
Instrument :
BNA_F
ClientSampleId :

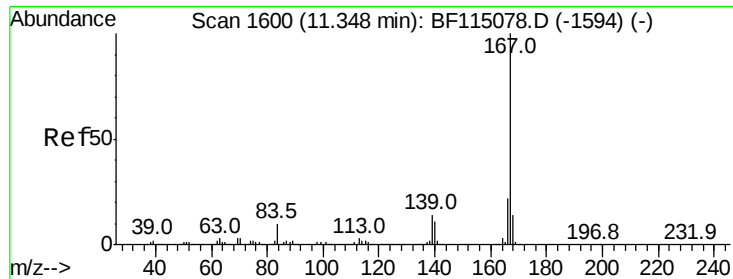
Tot Ion:178 Resp: 2092329
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.4 13.2 19.8



#72
Anthracene
Concen: 43.129 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:178 Resp: 2195921
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 16.7 12.9 19.3



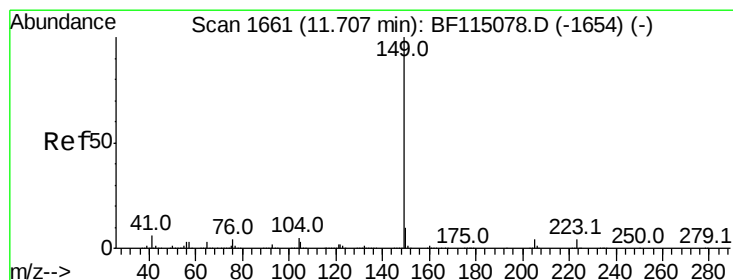
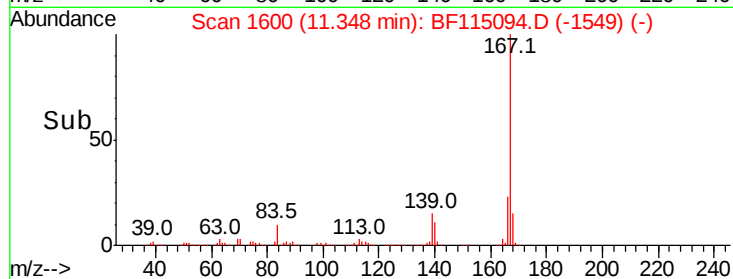
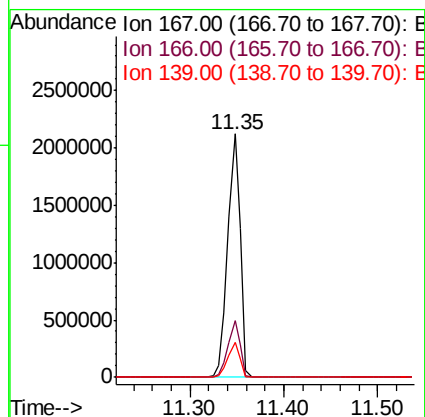
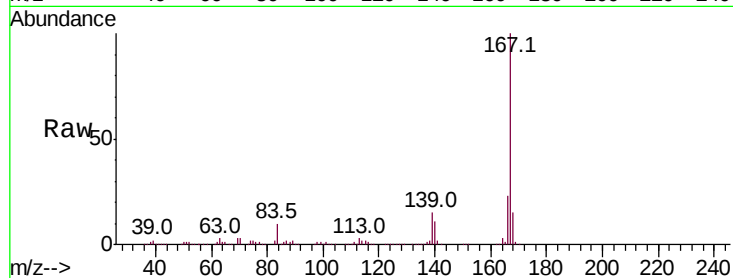


#73
 Carbazole
 Concen: 43.294 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1968364

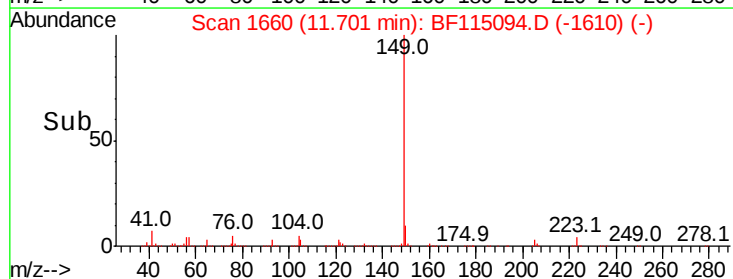
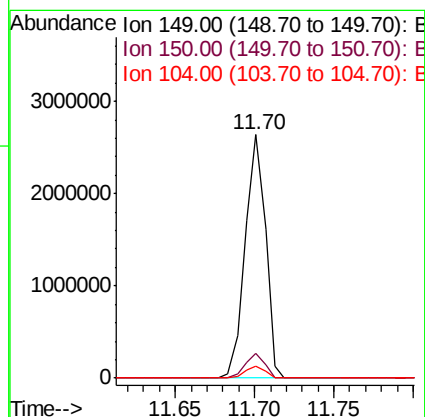
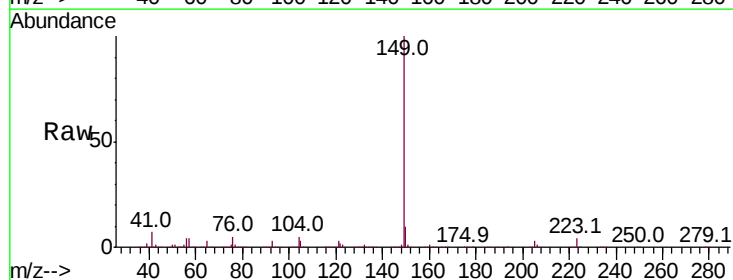
Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	14.6	11.1	16.7

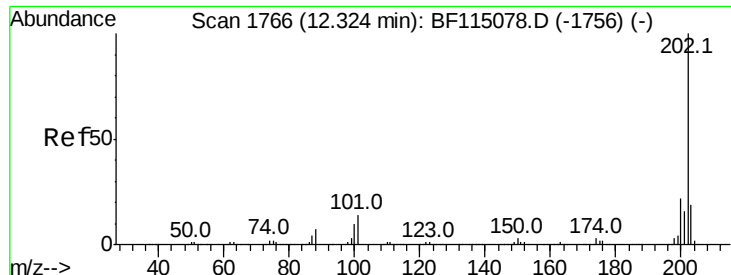


#74
 Di-n-butylphthalate
 Concen: 44.485 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:149 Resp: 2337162

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	3.7	5.5



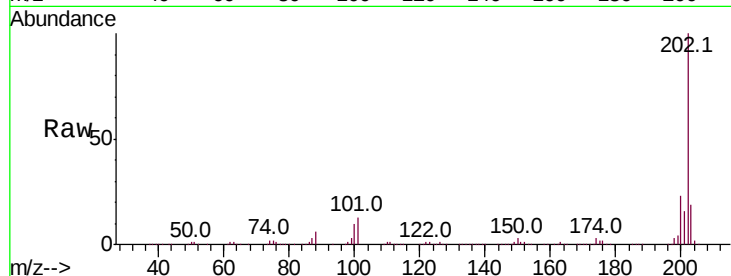


#75
 Fluoranthene
 Concen: 43.641 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

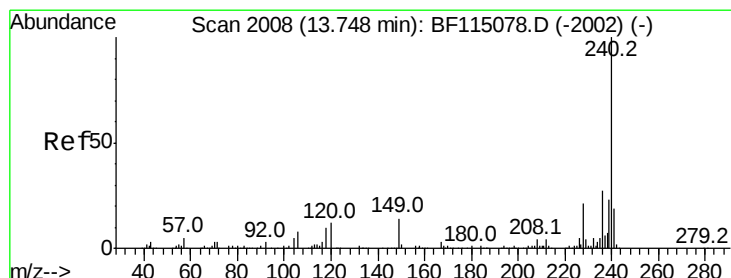
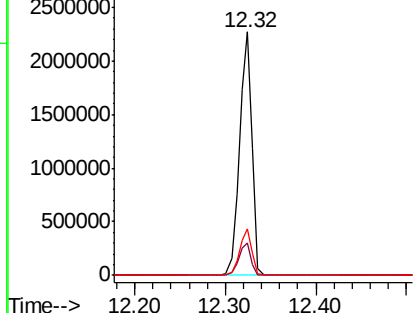
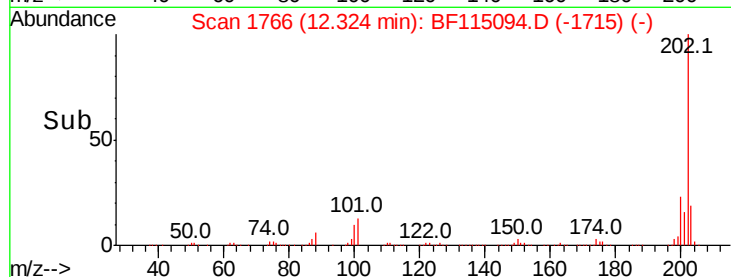
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2196252

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.0
203	19.2	0.0	38.8



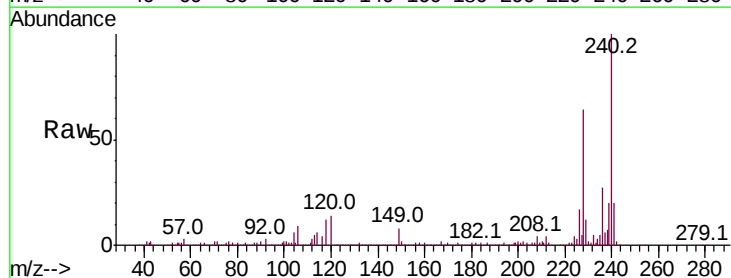
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



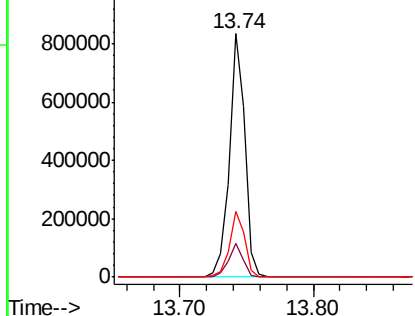
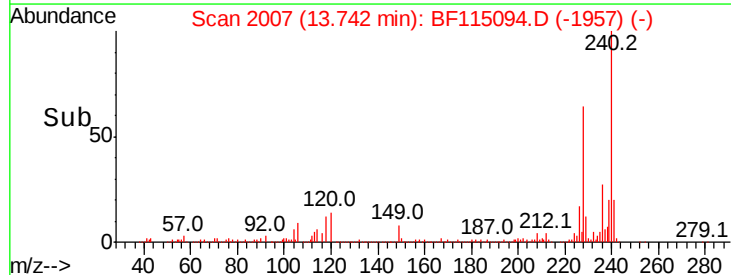
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

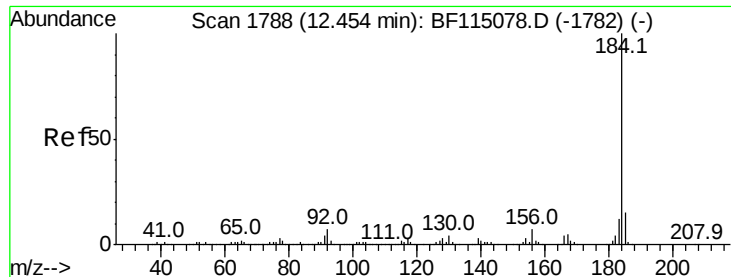
Tgt Ion:240 Resp: 682059

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.4	14.2
236	27.2	21.7	32.5



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





#77

Benzidine

Concen: 34.081 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

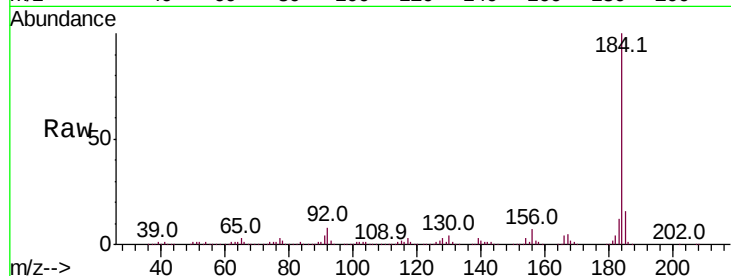
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1032188

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	12.0	9.6	14.4

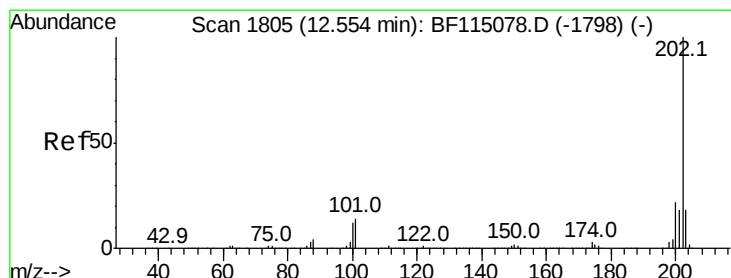
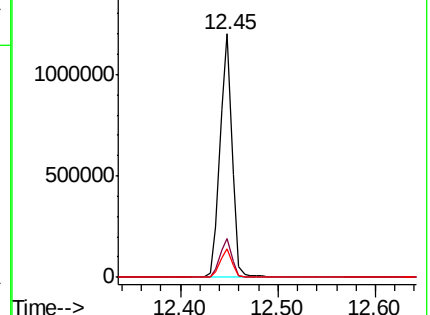
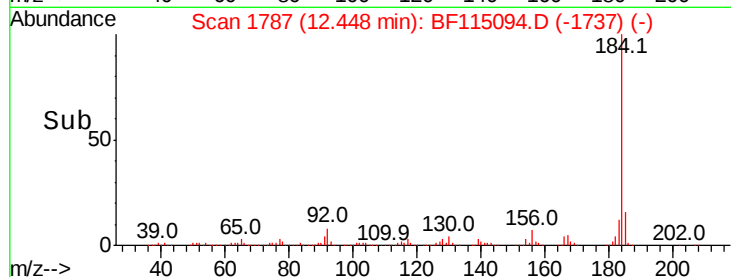


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.167 ng

RT: 12.55 min Scan# 1804

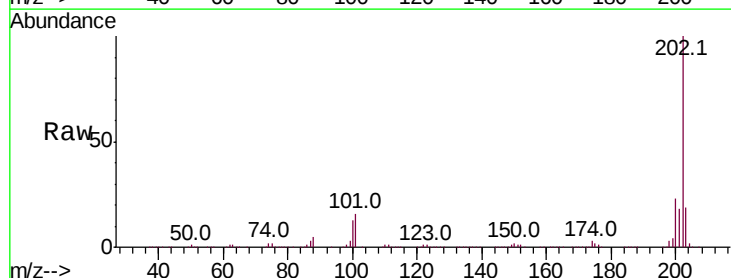
Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:202 Resp: 2262689

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.9	26.9
203	18.8	14.6	21.8

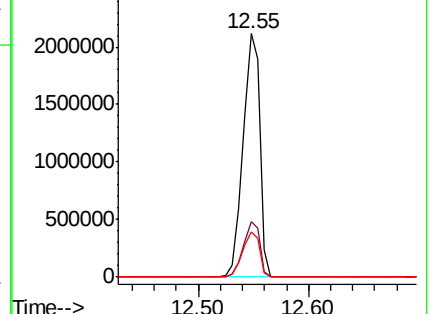
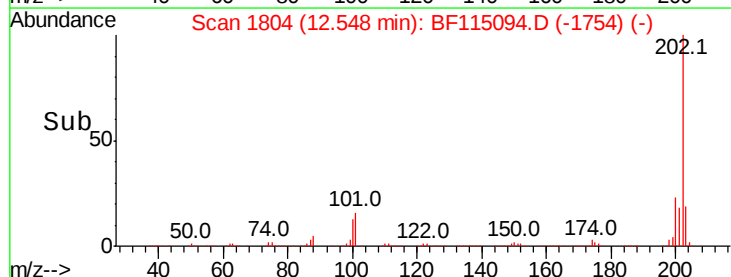


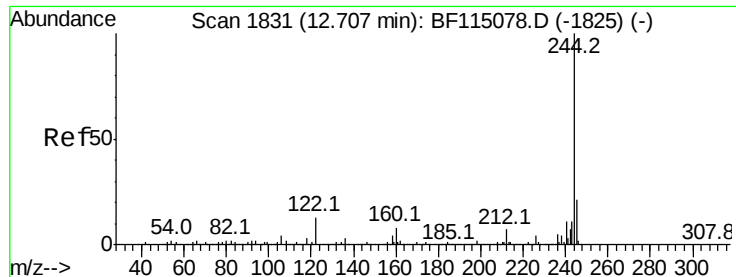
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

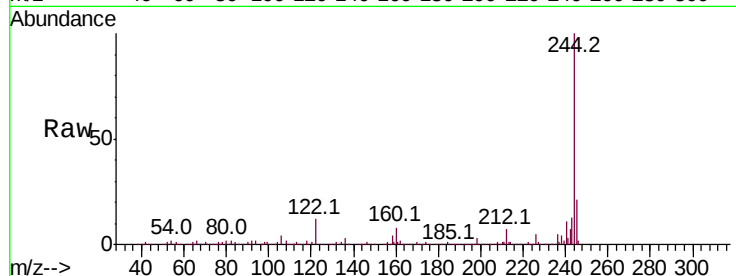




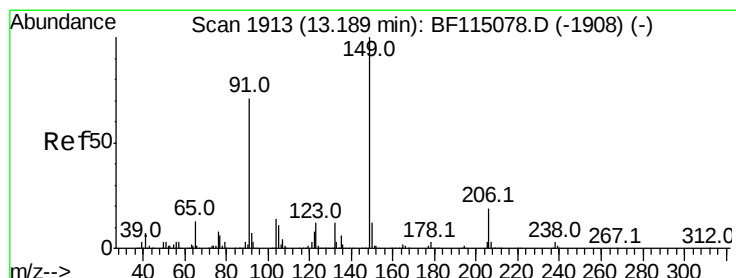
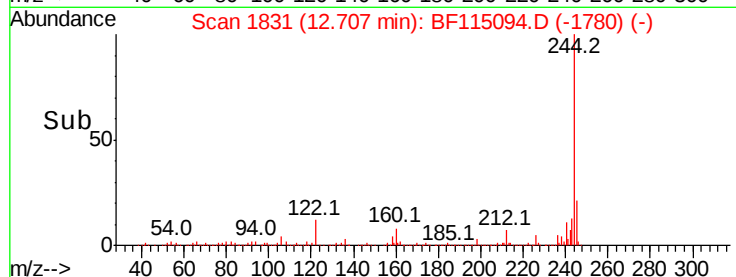
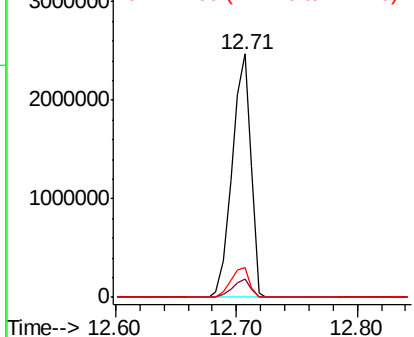
#79
 Terphenyl-d14
 Concen: 82.599 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2649716
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.4 10.4 15.6

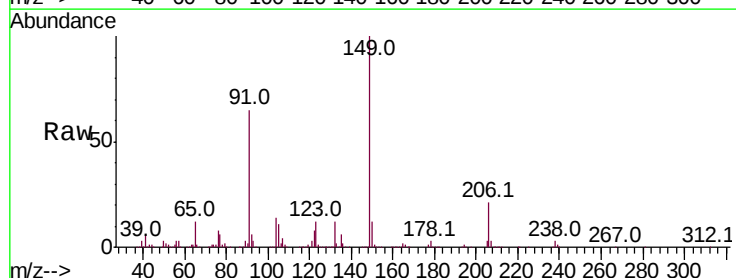


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

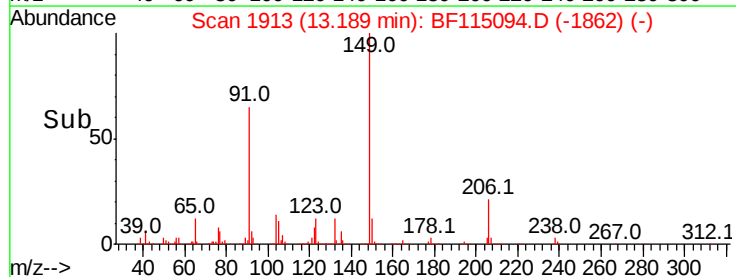
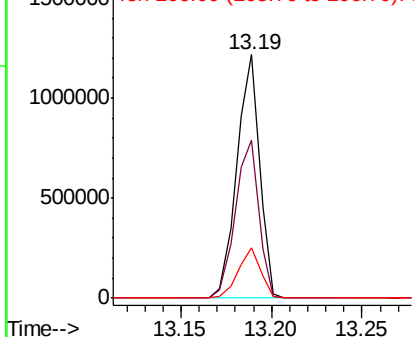


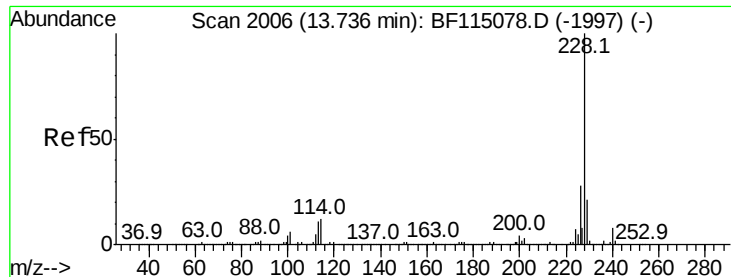
#80
 Butylbenzylphthalate
 Concen: 46.025 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:149 Resp: 1064649
 Ion Ratio Lower Upper
 149 100
 91 65.0 56.5 84.7
 206 20.9 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.102 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampled :

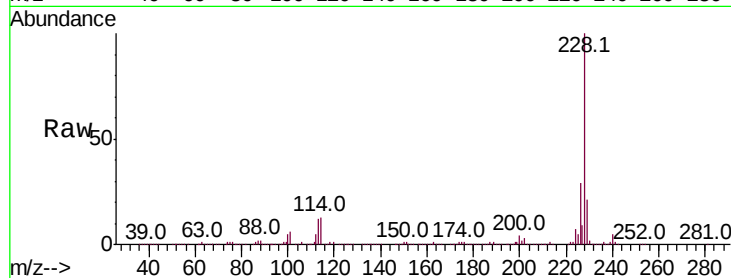
Tot Ion:228 Resp: 2060453

Ion Ratio Lower Upper

228 100

226 28.8 22.5 33.7

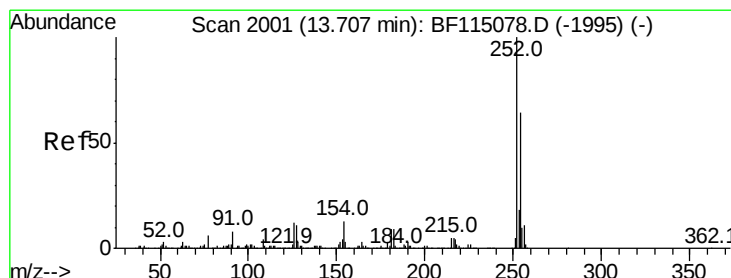
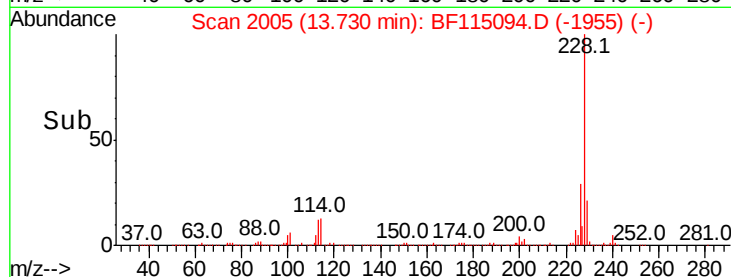
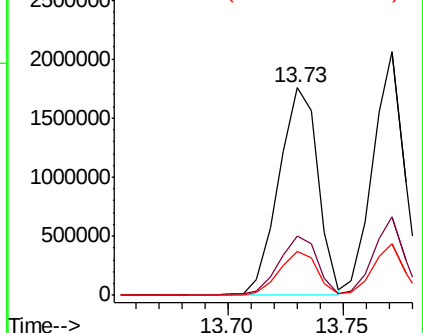
229 21.2 16.6 24.8



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: 32.744 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

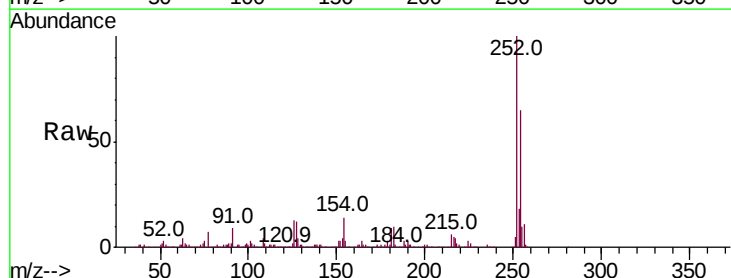
Tgt Ion:252 Resp: 578688

Ion Ratio Lower Upper

252 100

254 64.8 51.1 76.7

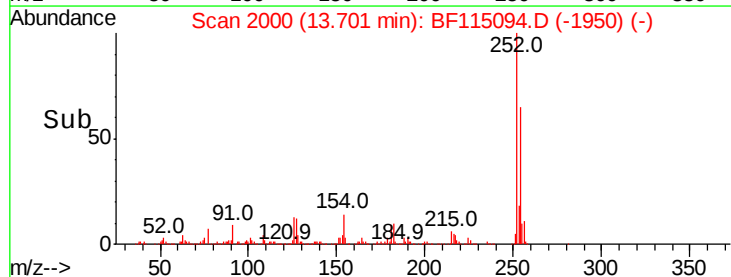
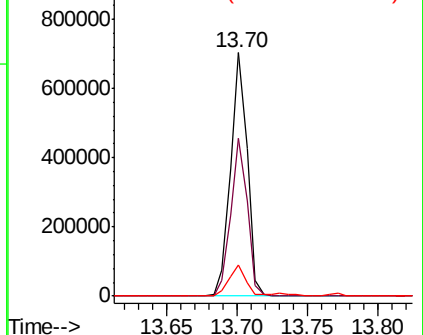
126 12.8 9.4 14.0

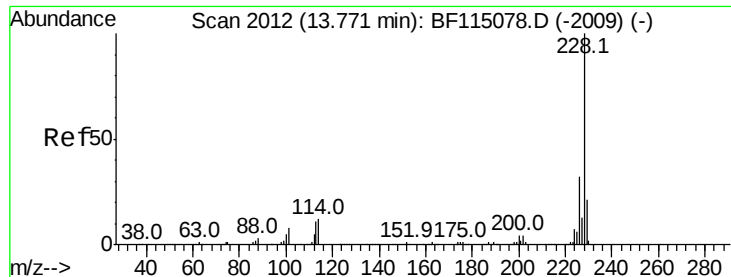


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.581 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampled :

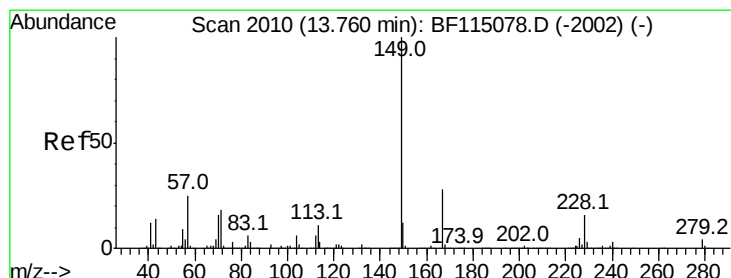
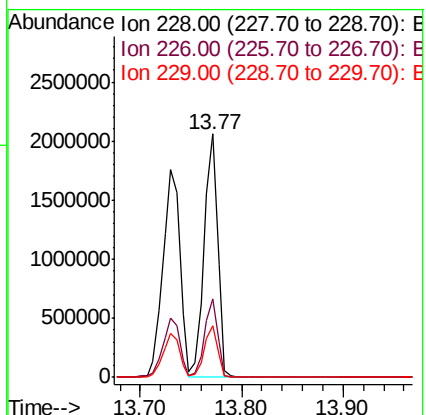
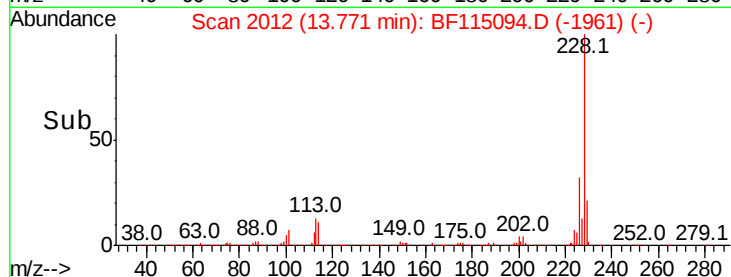
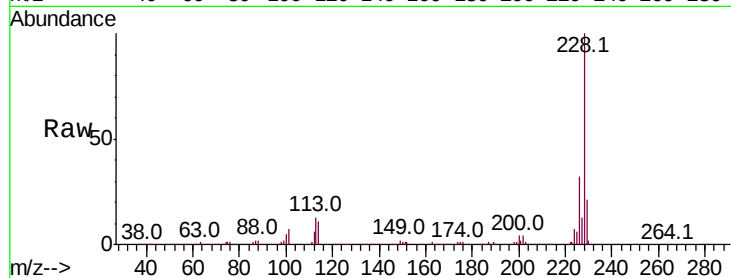
Tot Ion:228 Resp: 1908928

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.4	38.0
229	21.2	16.5	24.7

228 100

226 32.3 25.4 38.0

229 21.2 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.483 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

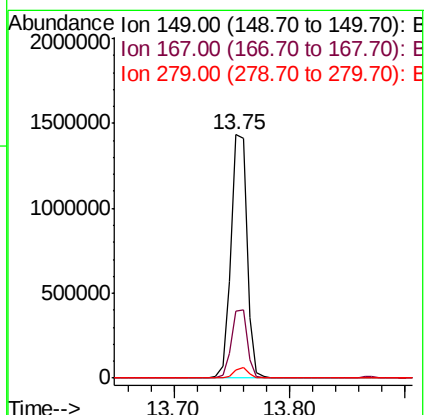
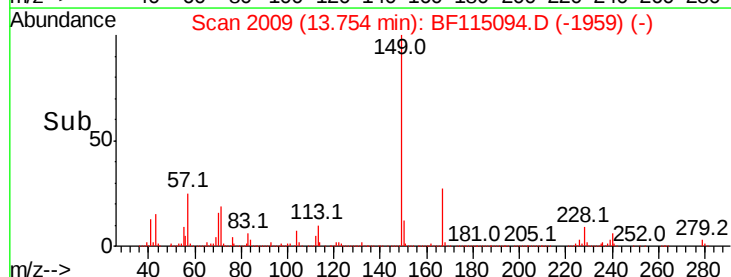
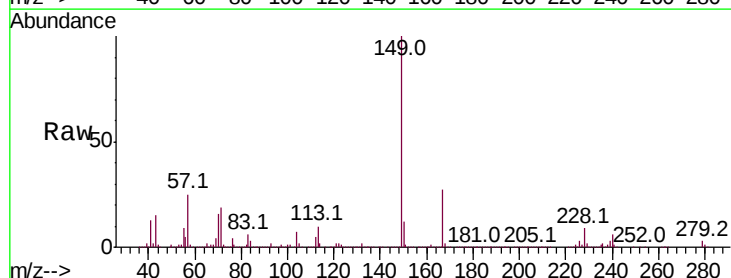
Tgt Ion:149 Resp: 1378608

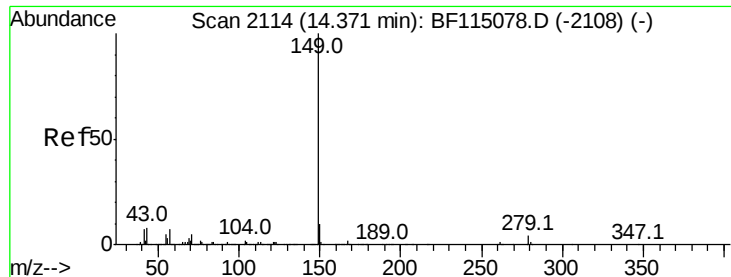
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	3.4	2.9	4.3

149 100

167 27.3 22.2 33.4

279 3.4 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.900 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

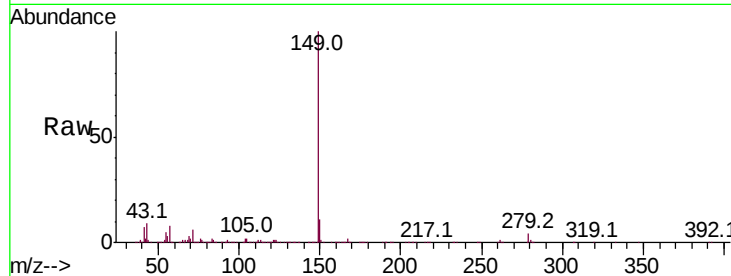
Tot Ion:149 Resp: 2388472

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

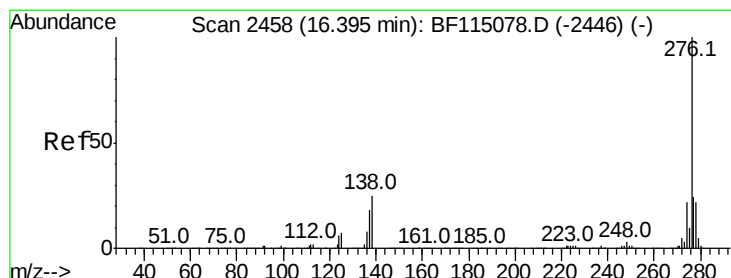
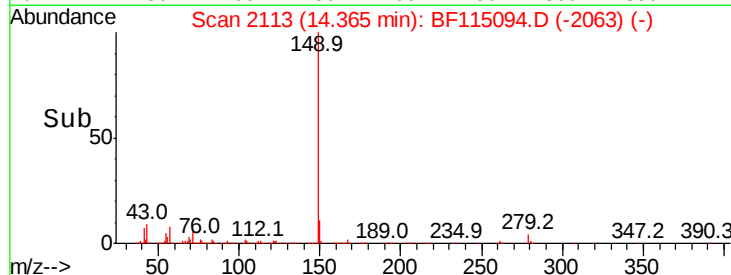
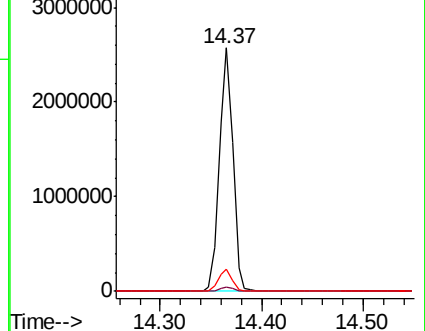
43 8.9 7.0 10.6



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: 44.277 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

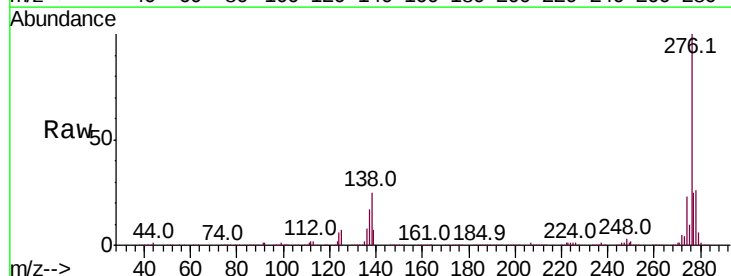
Tgt Ion:276 Resp: 2348770

Ion Ratio Lower Upper

276 100

138 29.1 23.2 34.8

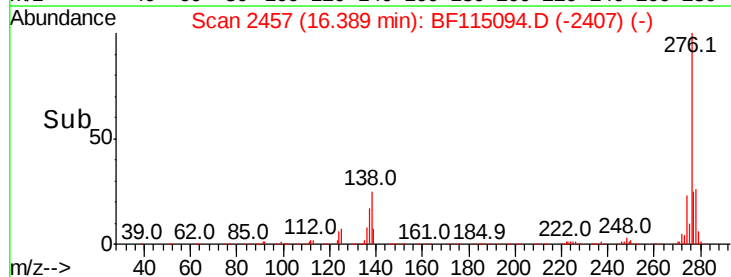
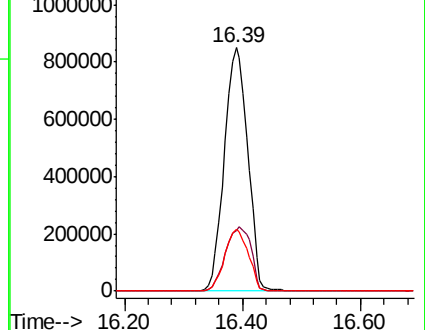
277 25.7 20.1 30.1

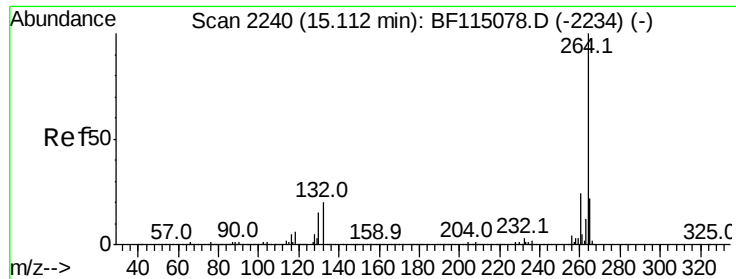


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



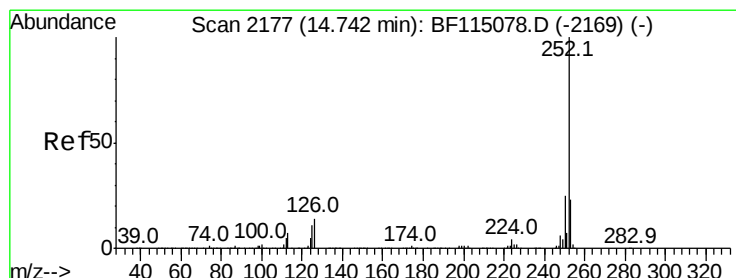
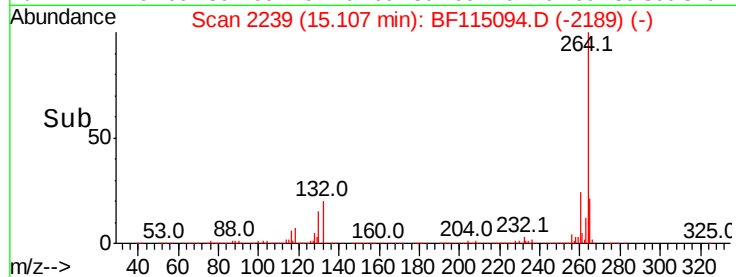
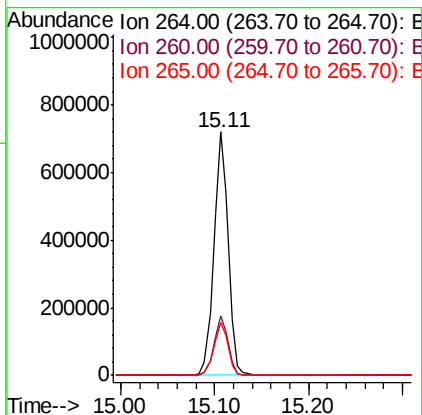
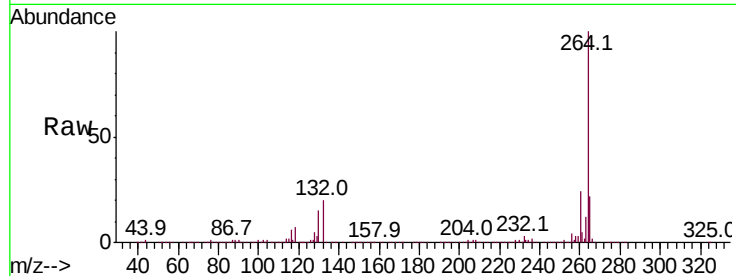


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 771396

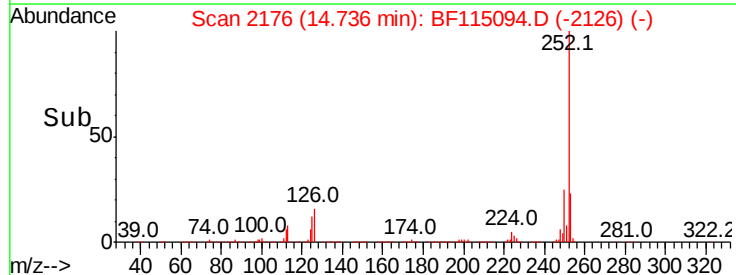
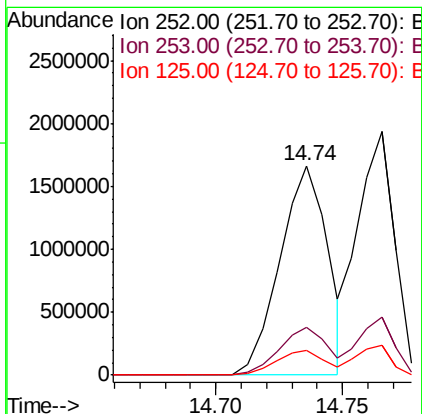
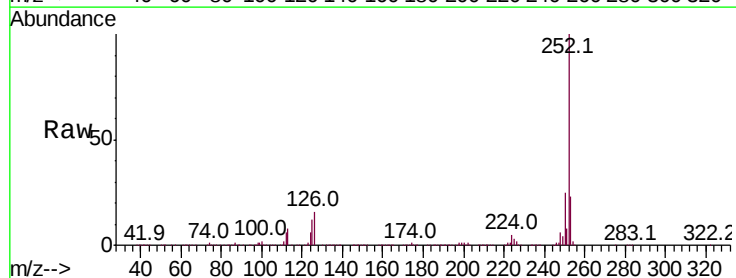
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.5	17.3	25.9

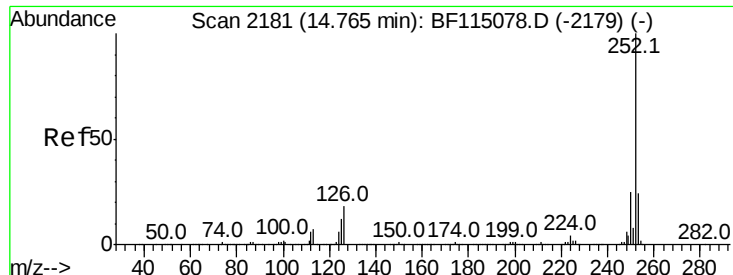


#88
Benzo(b)fluoranthene
Concen: 45.414 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:252 Resp: 2185914

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.5	8.7	13.1

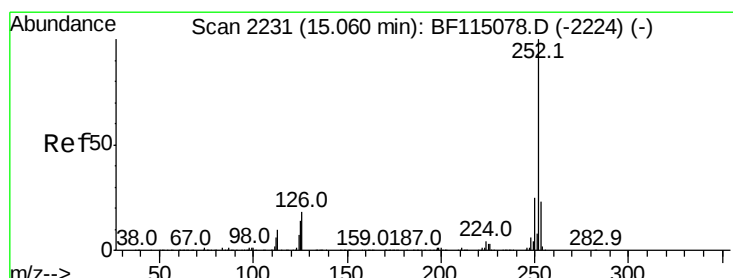
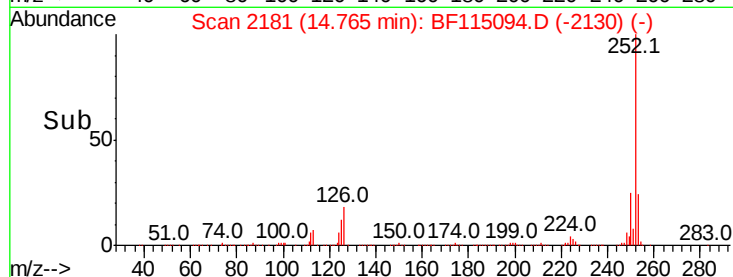
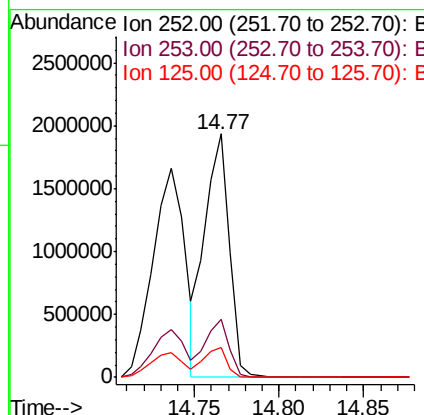
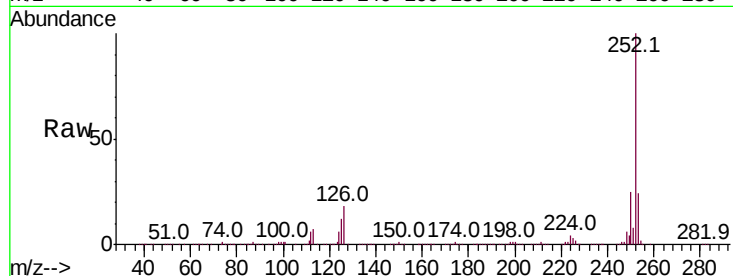




#89
Benzo(k)fluoranthene
Concen: 45.448 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

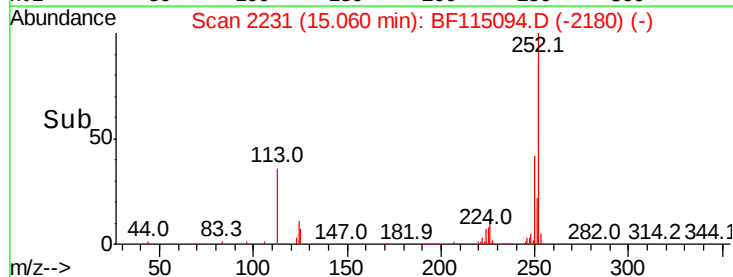
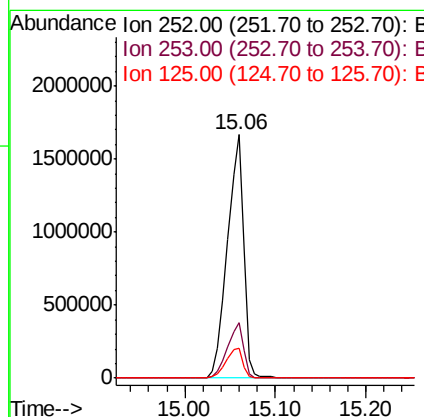
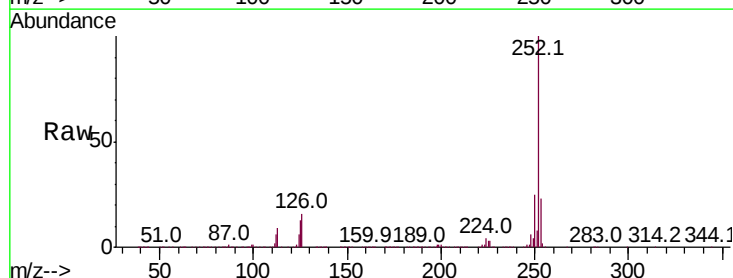
Instrument :
BNA_F
ClientSampled :

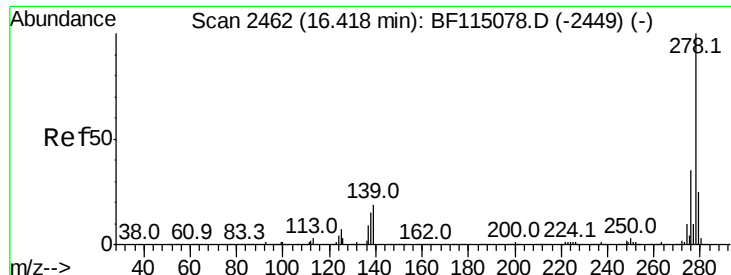
Tot Ion:252 Resp: 1961735
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 12.1 10.2 15.2



#90
Benzo(a)pyrene
Concen: 47.693 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:252 Resp: 2069058
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.5 10.9 16.3



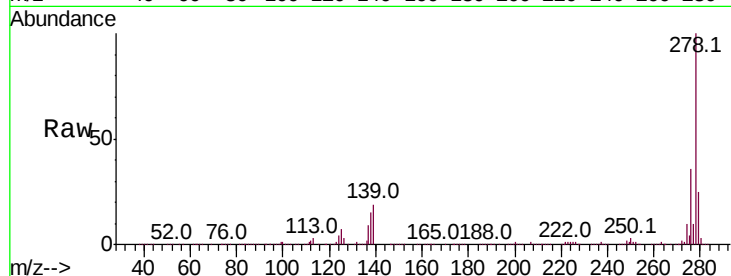


#91
 Dibenzo(a,h)anthracene
 Concen: 47.859 ng
 RT: 16.41 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

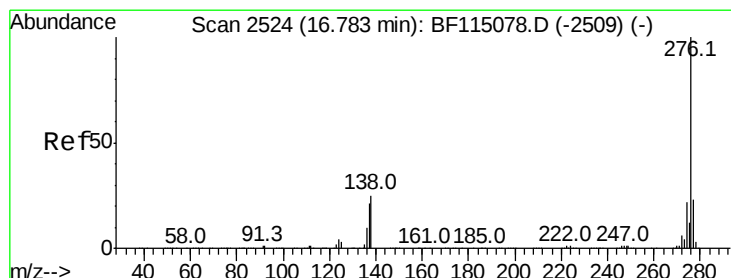
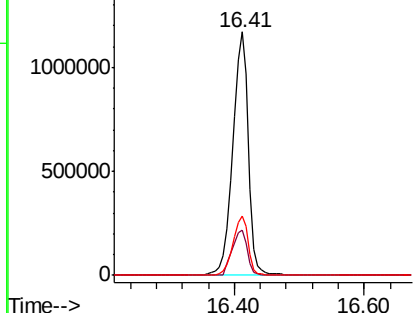
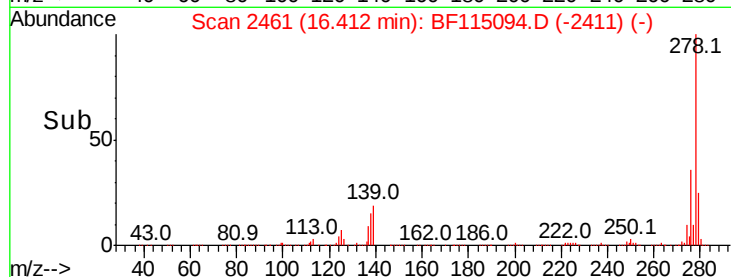
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:278 Resp: 1938341

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.4	23.2
279	24.6	19.9	29.9



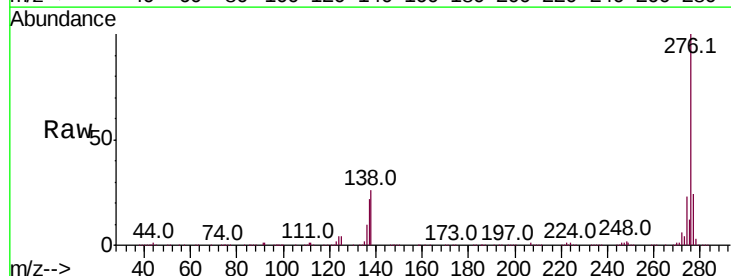
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 48.114 ng
 RT: 16.78 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:276 Resp: 1972276

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	26.0	19.8	29.6



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

