

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111315.D
 Acq On : 12 Dec 2018 10:42
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 11:44:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	350041	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1458788	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	674466	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1144356	20.00	ng	0.00
76) Chrysene-d12	13.95	240	806611	20.00	ng	0.00
87) Perylene-d12	15.39	264	626810	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1062482	47.93	ng	0.00
7) Phenol-d6	6.43	99	1446601	52.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	1334233	51.30	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	316826	53.03	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2327944	54.45	ng	0.00
79) Terphenyl-d14	12.90	244	1856318	55.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	256292	22.533	ng	99
3) Pyridine	3.26	79	659530	21.827	ng	98
4) n-Nitrosodimethylamine	3.19	42	294252	22.840	ng	93
6) Aniline	6.45	93	894463	24.352	ng	99
8) 2-Chlorophenol	6.58	128	659774	26.184	ng	95
9) Benzaldehyde	6.34	77	456892	26.724	ng	99
10) Phenol	6.44	94	827173	25.679	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	632225	25.378	ng	97
12) 1,3-Dichlorobenzene	6.73	146	712570	26.319	ng	98
13) 1,4-Dichlorobenzene	6.81	146	724119	26.488	ng	99
14) 1,2-Dichlorobenzene	6.96	146	677146	26.557	ng	98
15) Benzyl Alcohol	6.93	79	557235	25.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1245344	26.700	ng	99
17) 2-Methylphenol	7.05	107	531830	25.852	ng	97
18) Hexachloroethane	7.31	117	269645	25.907	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	473142	25.638	ng	97
20) 3+4-Methylphenols	7.20	107	645213	26.369	ng	94
22) Acetophenone	7.20	105	869123	26.038	ng	# 94
24) Nitrobenzene	7.37	77	683956	25.267	ng	96
25) Isophorone	7.62	82	1108887	25.032	ng	99
26) 2-Nitrophenol	7.69	139	342212	25.445	ng	96
27) 2,4-Dimethylphenol	7.73	122	523089	25.170	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	774750	25.256	ng	99
29) 2,4-Dichlorophenol	7.93	162	539511	25.388	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	555457	26.536	ng	98
31) Naphthalene	8.10	128	1783848	28.018	ng	97
32) Benzoic acid	7.84	122	440958	25.658	ng	96
33) 4-Chloroaniline	8.15	127	768988	25.147	ng	97
34) Hexachlorobutadiene	8.22	225	307465	26.610	ng	98
35) Caprolactam	8.51	113	178465	23.700	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	565825	26.006	ng	98
37) 2-Methylnaphthalene	8.79	142	1155926	27.346	ng	98
38) 1-Methylnaphthalene	8.89	142	1105203	26.699	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	500883	26.689	ng	98

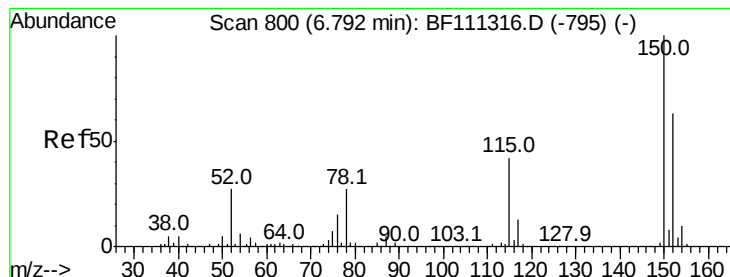
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	268607	25.132	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	351698	24.966	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	374410	25.514	nq	99
46) 1,1'-Biphenyl	9.26	154	1539495	27.153	nq	94
47) 2-Chloronaphthalene	9.27	162	1165602	26.412	nq	96
48) 2-Nitroaniline	9.37	65	374098	24.850	nq	94
49) Acenaphthylene	9.69	152	1693545	26.434	nq	96
50) Dimethylphthalate	9.55	163	1248602	25.090	nq	99
51) 2,6-Dinitrotoluene	9.61	165	282737	25.726	nq	# 88
52) Acenaphthene	9.86	154	1052122	26.169	nq	97
53) 3-Nitroaniline	9.78	138	339731	25.044	nq	92
54) 2,4-Dinitrophenol	9.88	184	96565	22.235	nq	100
55) Dibenzofuran	10.03	168	1533799	28.042	nq	97
56) 4-Nitrophenol	9.94	139	244533	23.145	nq	90
57) 2,4-Dinitrotoluene	10.01	165	363846	26.855	nq	92
58) Fluorene	10.38	166	1089822	25.748	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	291213	26.180	nq	99
60) Diethylphthalate	10.25	149	1297547	27.348	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	543863	25.879	nq	97
62) 4-Nitroaniline	10.39	138	320095	24.938	nq	98
63) Azobenzene	10.53	77	1278451	25.954	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	158554	25.678	nq	95
66) n-Nitrosodiphenylamine	10.49	169	1069027	27.443	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	336486	26.846	nq	96
68) Hexachlorobenzene	10.93	284	342014	26.824	nq	# 92
69) Atrazine	11.02	200	310455	26.208	nq	97
70) Pentachlorophenol	11.12	266	236676	25.588	nq	96
71) Phenanthrene	11.34	178	1543191	26.736	nq	96
72) Anthracene	11.39	178	1597604	26.456	nq	95
73) Carbazole	11.54	167	1631397	25.836	nq	96
74) Di-n-butylphthalate	11.88	149	1893228	29.171	nq	97
75) Fluoranthene	12.53	202	1518600	28.801	nq	96
77) Benzidine	12.64	184	389511	16.263	nq	99
78) Pyrene	12.75	202	1562660	27.110	nq	96
80) Butylbenzylphthalate	13.37	149	748599	24.865	nq	99
81) Benzo(a)anthracene	13.94	228	1167563	25.946	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	462162	25.057	nq	98
83) Chrysene	13.98	228	1167168	25.159	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	923735	25.821	nq	98
85) Di-n-octyl phthalate	14.55	149	1553412	25.906	nq	98
86) Indeno(1,2,3-cd)pyrene	16.80	276	806938	21.548	nq	98
88) Benzo(b)fluoranthene	14.97	252	942408	27.187	nq	98
89) Benzo(k)fluoranthene	15.00	252	949033	29.120	nq	99
90) Benzo(a)pyrene	15.33	252	862998	27.035	nq	98
91) Dibenzo(a,h)anthracene	16.82	278	674224	26.891	nq	98
92) Benzo(g,h,i)perylene	17.22	276	667539	26.597	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

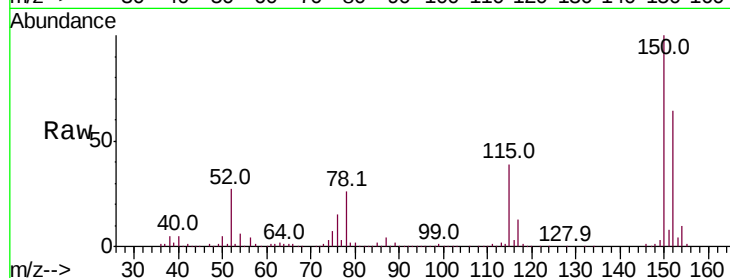
Tot Ion:152 Resp: 350041

Ion Ratio Lower Upper

152 100

150 155.1 126.6 189.8

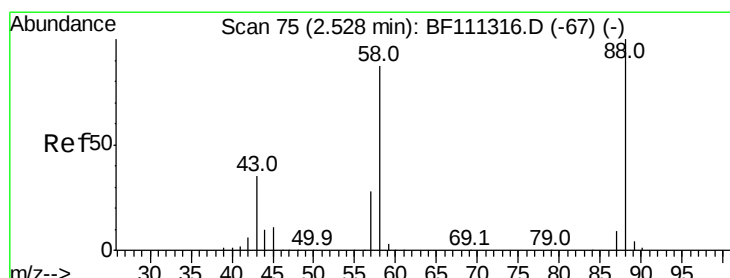
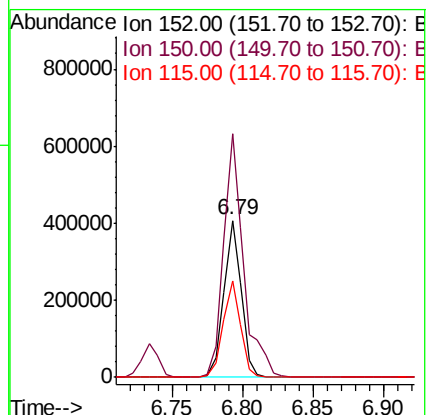
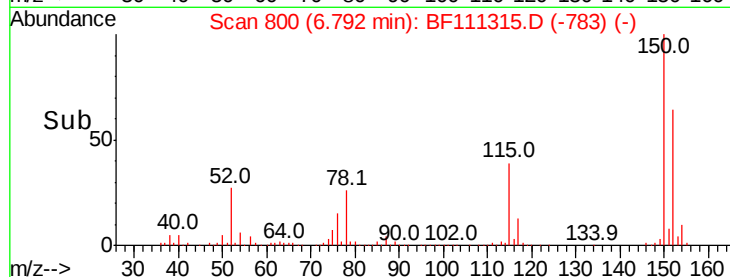
115 61.2 50.7 76.1



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: 22.533 ng

RT: 2.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

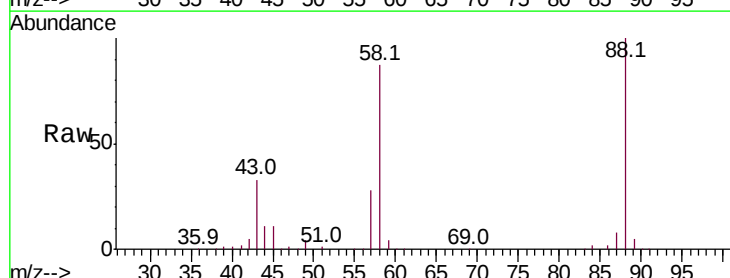
Tgt Ion: 88 Resp: 256292

Ion Ratio Lower Upper

88 100

58 86.1 68.9 103.3

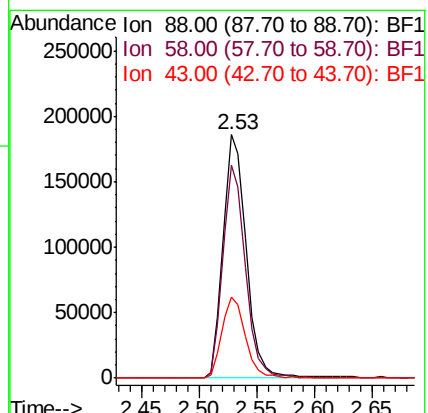
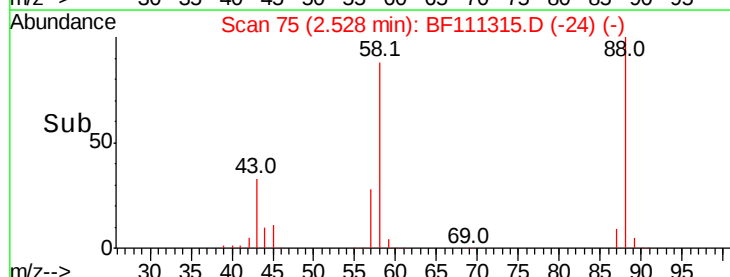
43 34.5 25.8 38.6

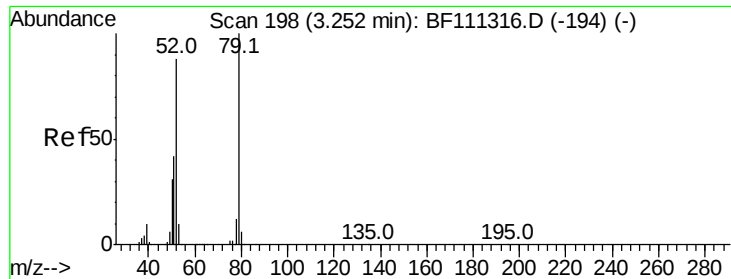


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 21.827 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

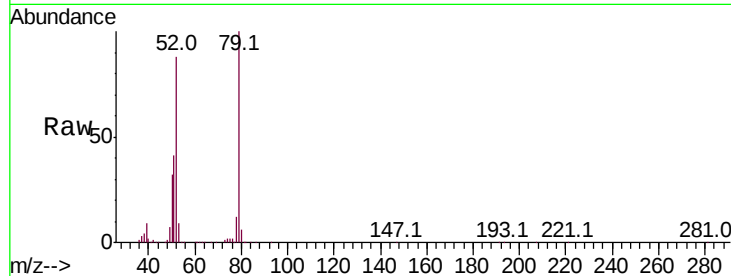
Tot Ion: 79 Resp: 659530

Ion Ratio Lower Upper

79 100

52 88.3 68.3 102.5

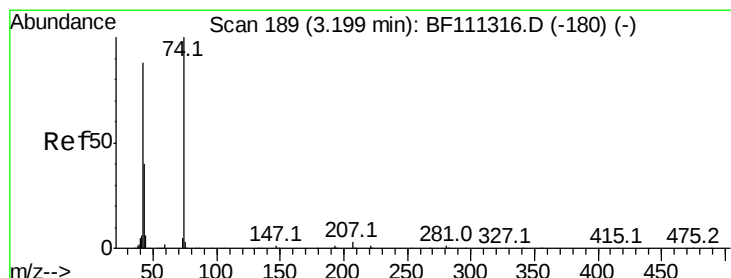
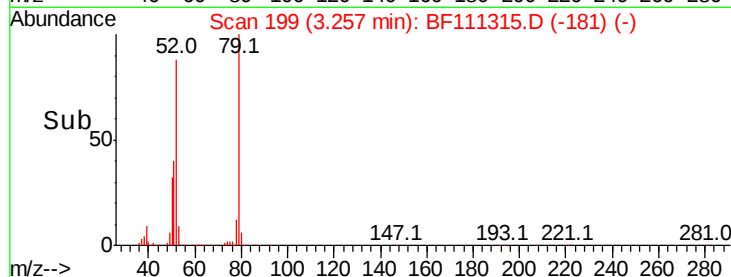
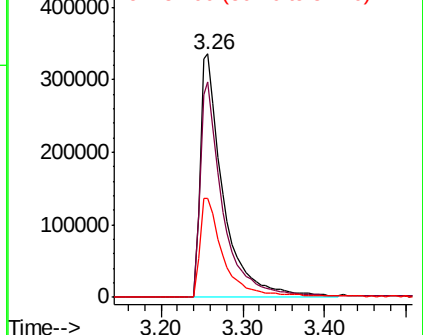
51 40.6 32.6 49.0



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: 22.840 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

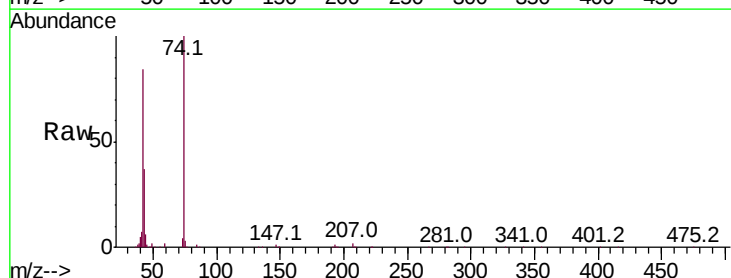
Tgt Ion: 42 Resp: 294252

Ion Ratio Lower Upper

42 100

74 118.7 101.5 152.3

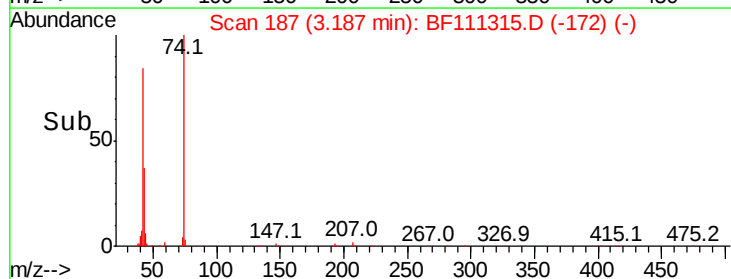
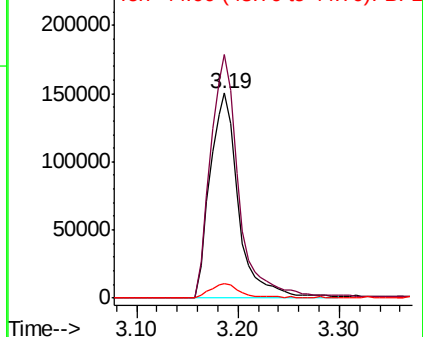
44 7.2 6.0 9.0

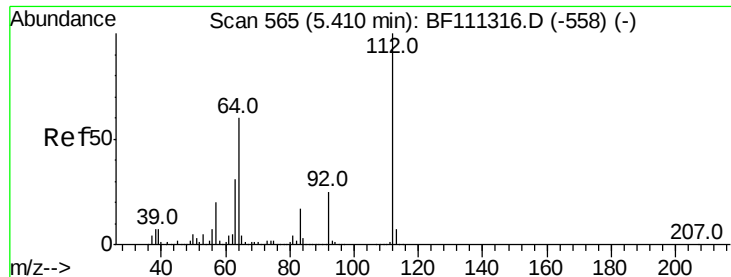


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 47.930 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampled :

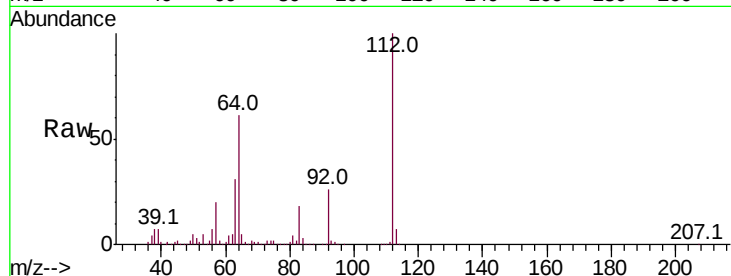
Tot Ion:112 Resp: 1062482

Ion Ratio Lower Upper

112 100

64 60.5 51.8 77.6

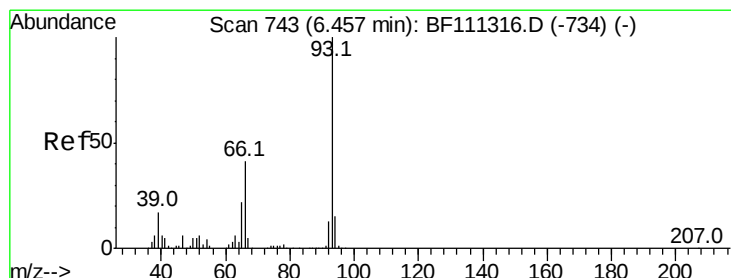
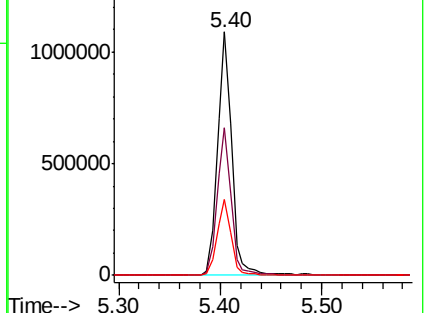
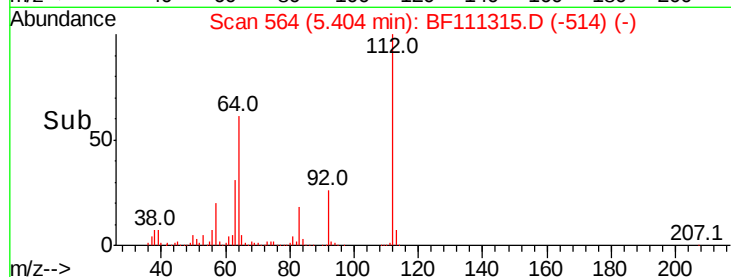
63 31.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.352 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

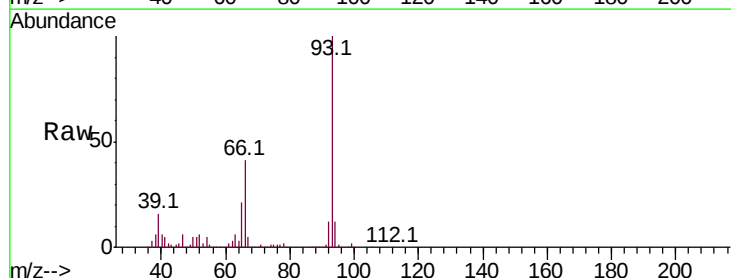
Tgt Ion: 93 Resp: 894463

Ion Ratio Lower Upper

93 100

66 40.9 33.2 49.8

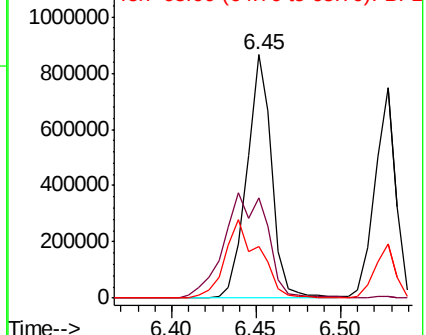
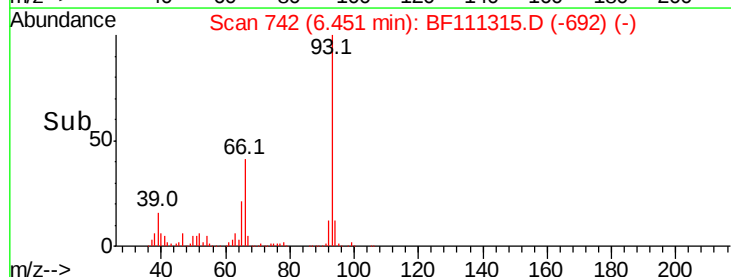
65 21.0 17.0 25.4

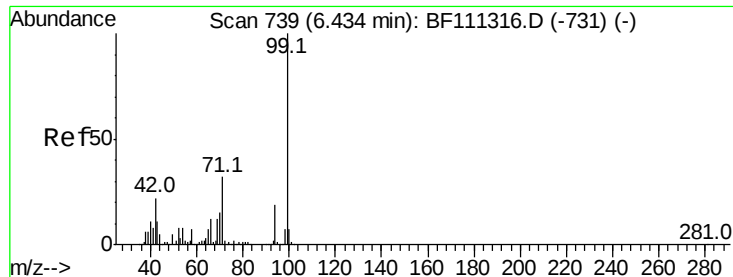


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 52.511 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

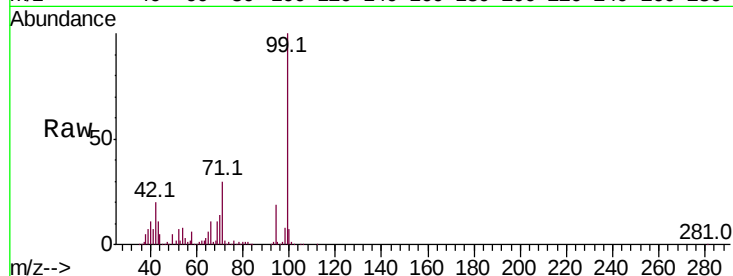
Tot Ion: 99 Resp: 1446601

Ion Ratio Lower Upper

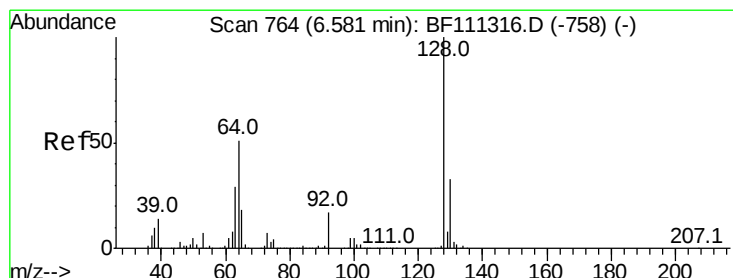
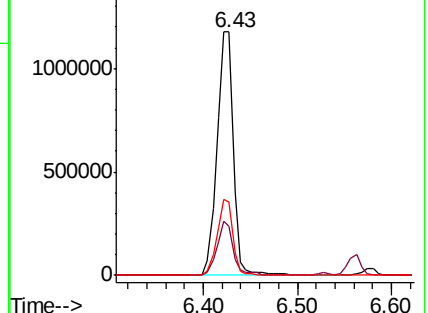
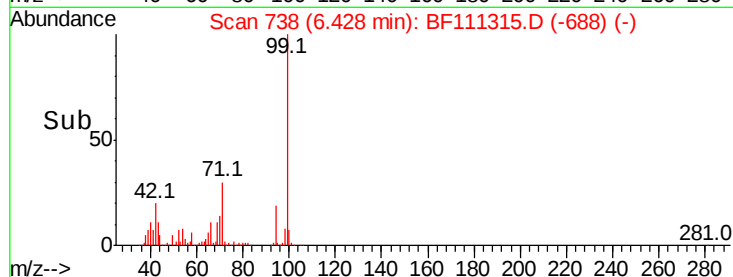
99 100

42 20.0 17.4 26.0

71 29.9 26.1 39.1



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: 26.184 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

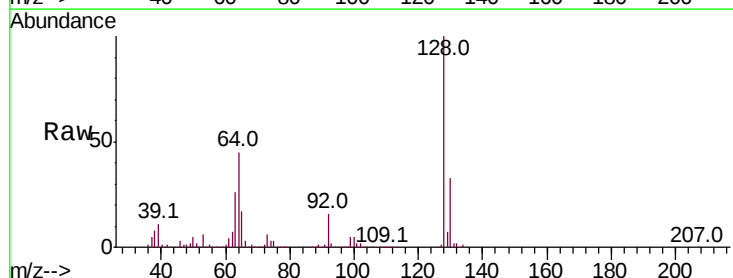
Tgt Ion: 128 Resp: 659774

Ion Ratio Lower Upper

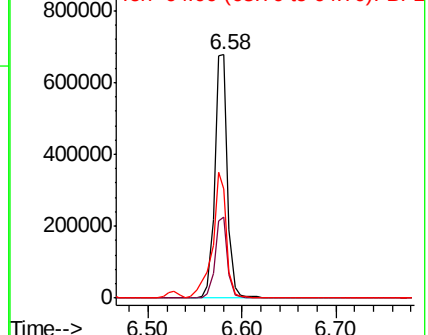
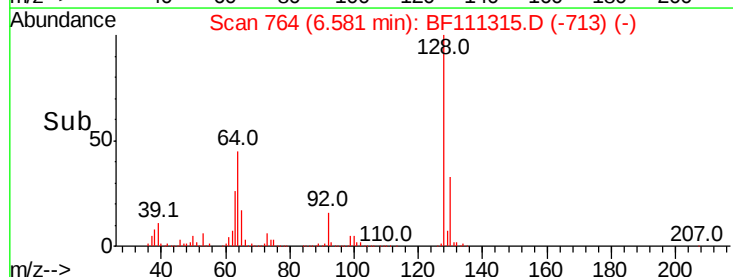
128 100

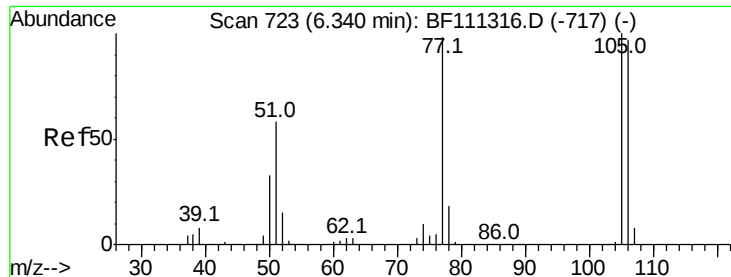
130 33.1 12.7 52.7

64 45.0 30.0 70.0



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: 26.724 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

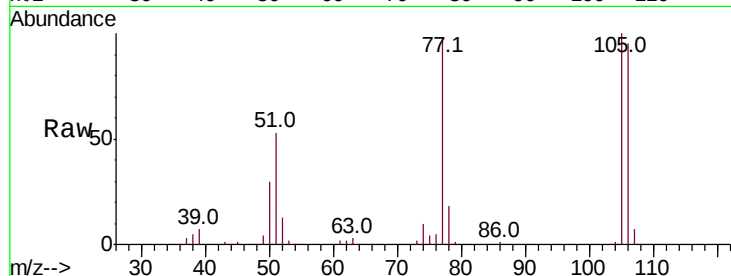
Tot Ion: 77 Resp: 456892

Ion Ratio Lower Upper

77 100

105 102.3 81.4 121.4

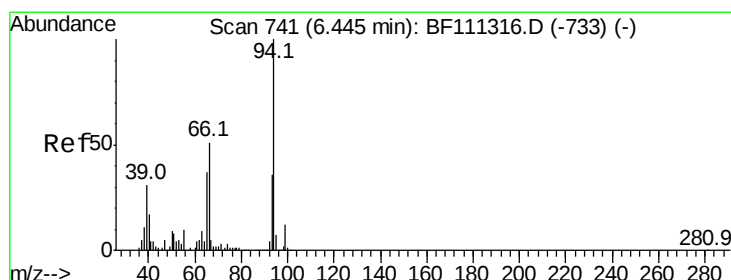
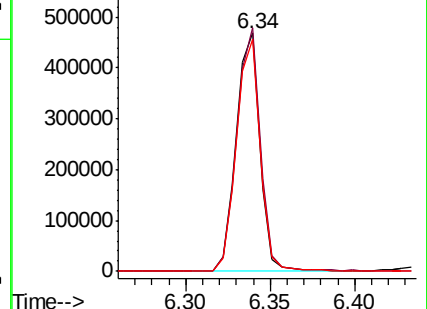
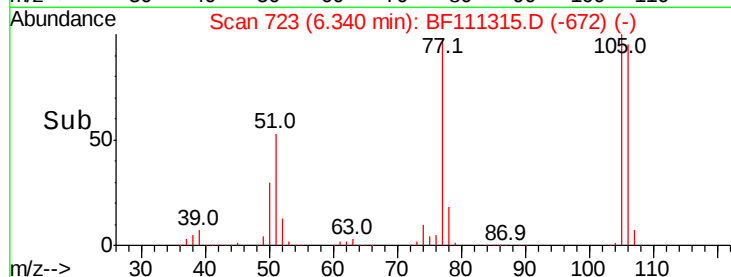
106 97.3 77.9 117.9



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: 25.679 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

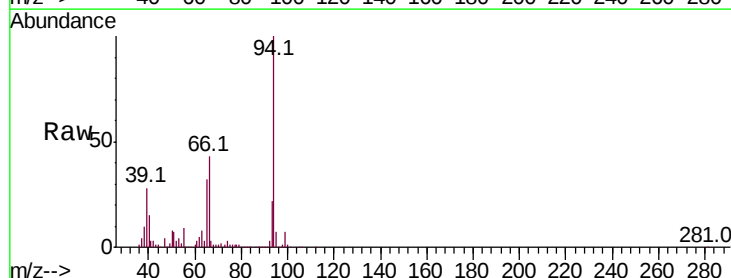
Tgt Ion: 94 Resp: 827173

Ion Ratio Lower Upper

94 100

65 31.6 11.7 51.7

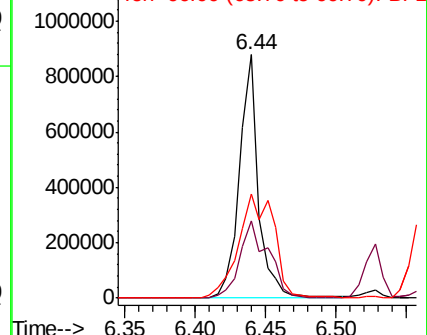
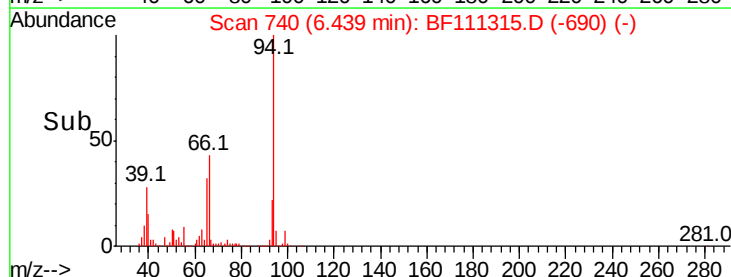
66 42.8 21.0 61.0

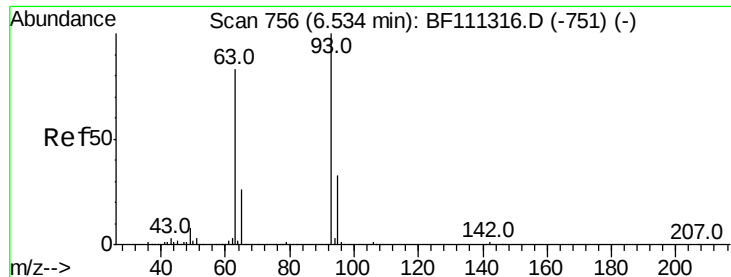


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 25.378 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

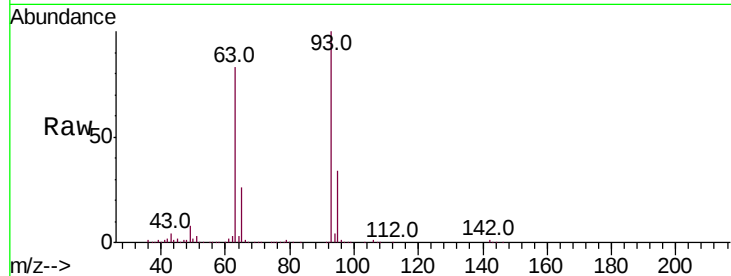
Tot Ion: 93 Resp: 632225

Ion Ratio Lower Upper

93 100

63 83.0 60.0 100.0

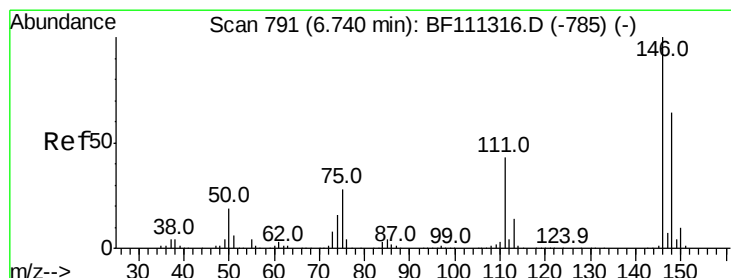
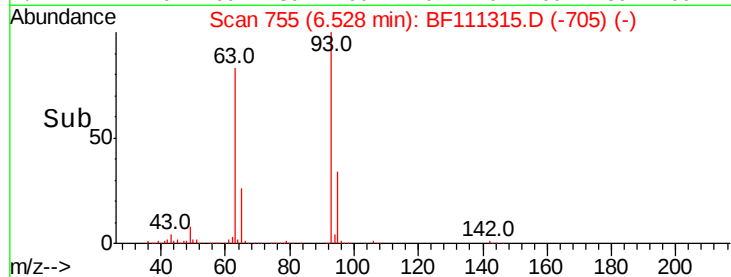
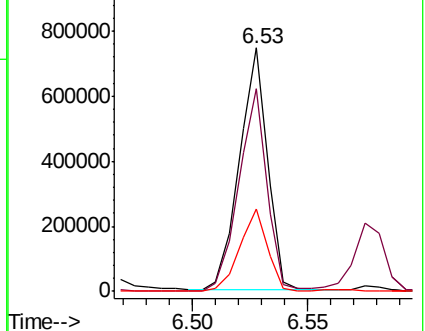
95 33.8 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 26.319 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

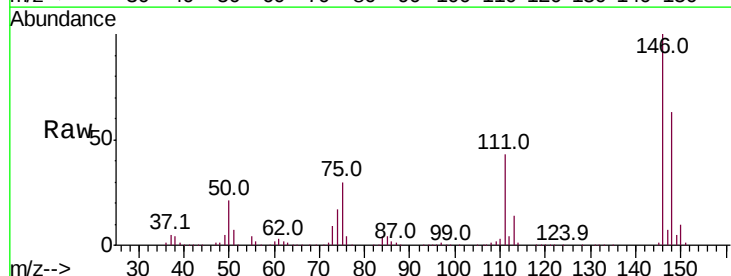
Tgt Ion: 146 Resp: 712570

Ion Ratio Lower Upper

146 100

148 63.4 52.1 78.1

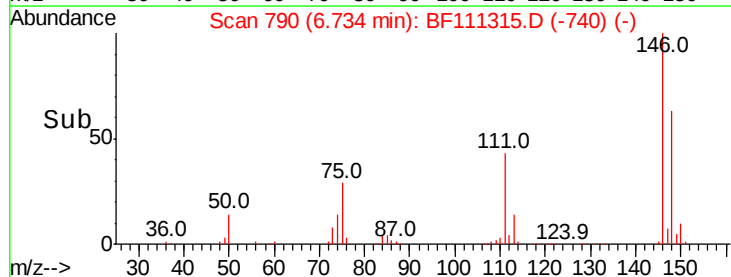
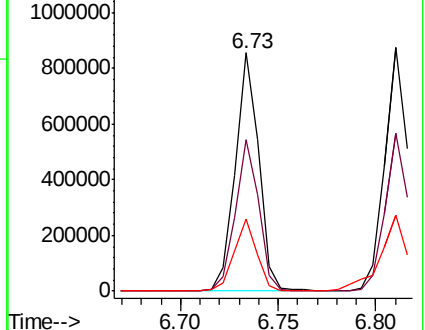
75 30.2 23.9 35.9

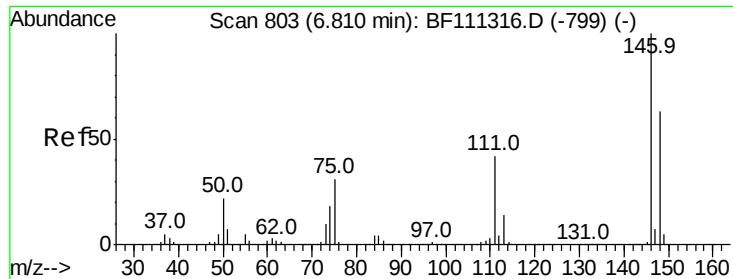


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

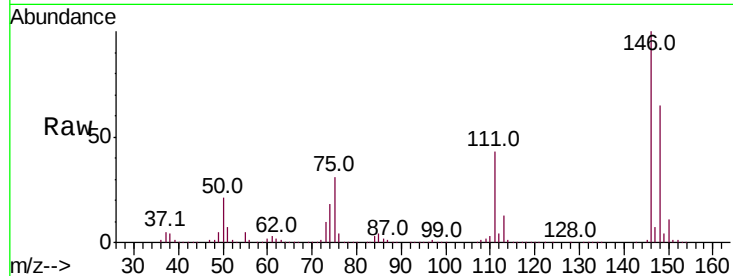




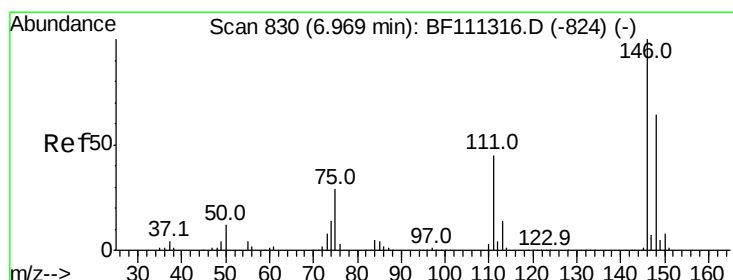
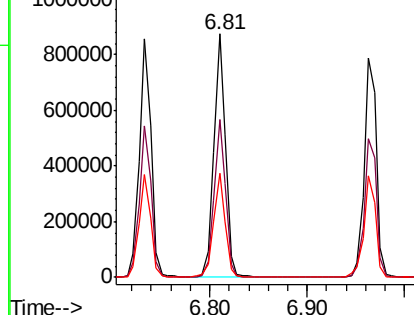
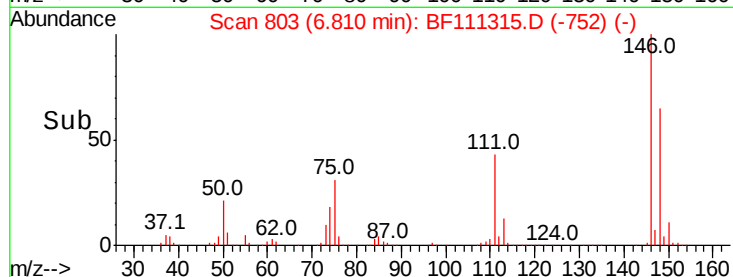
#13
 1,4-Dichlorobenzene
 Concen: 26.488 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 724119
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.8 79.2
 111 42.6 33.4 50.0

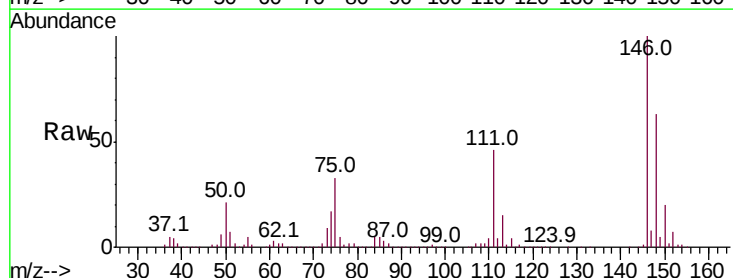


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

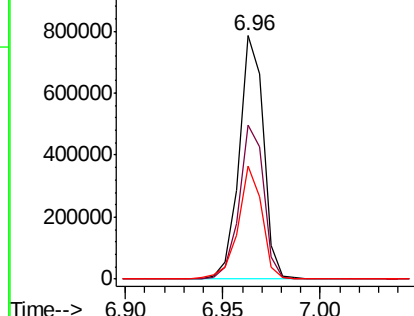
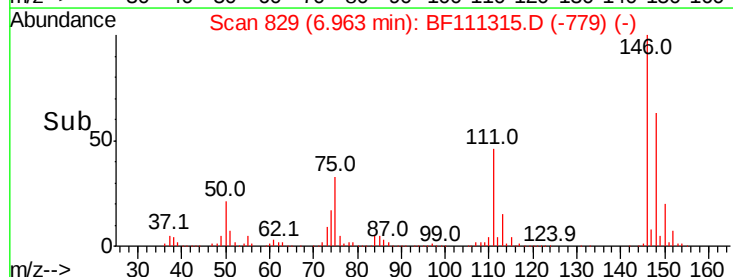


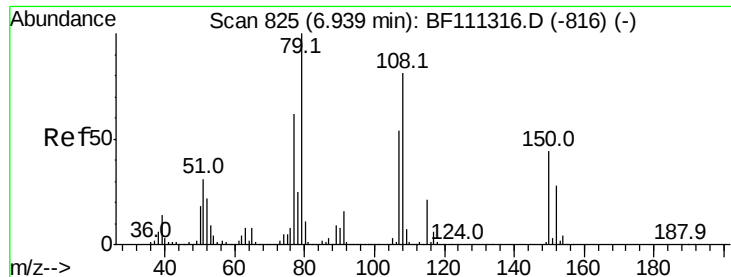
#14
 1,2-Dichlorobenzene
 Concen: 26.557 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Tgt Ion:146 Resp: 677146
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.9 77.9
 111 46.4 36.2 54.4



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: 25.560 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

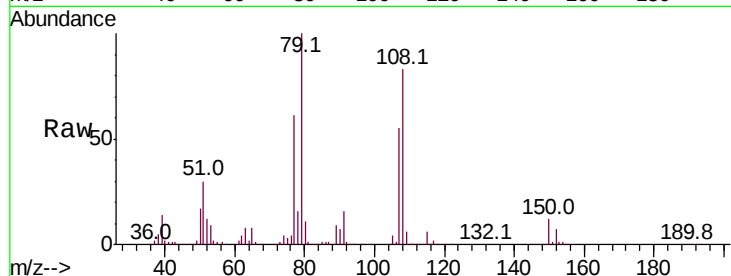
Tot Ion: 79 Resp: 557235

Ion Ratio Lower Upper

79 100

108 82.7 69.4 104.2

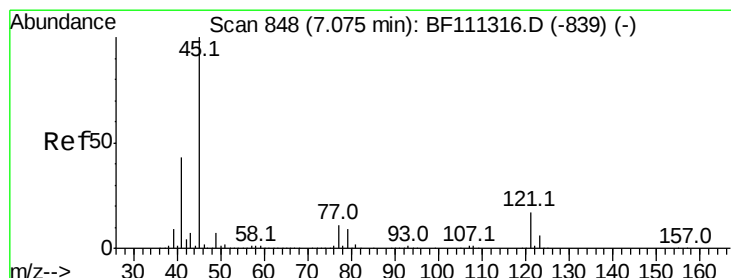
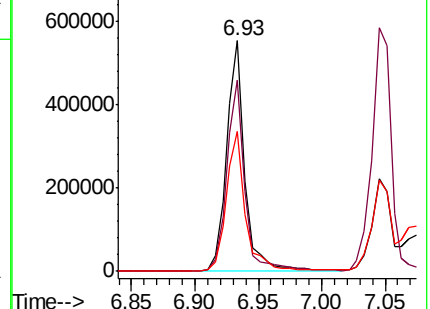
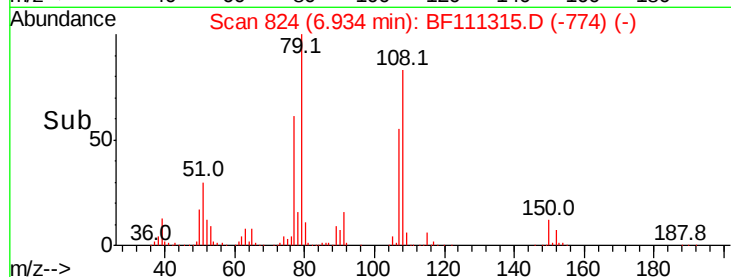
77 60.8 49.7 74.5



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: 26.700 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

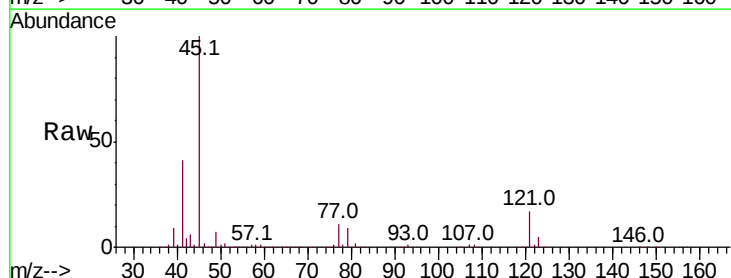
Tgt Ion: 45 Resp: 1245344

Ion Ratio Lower Upper

45 100

77 11.3 0.0 31.5

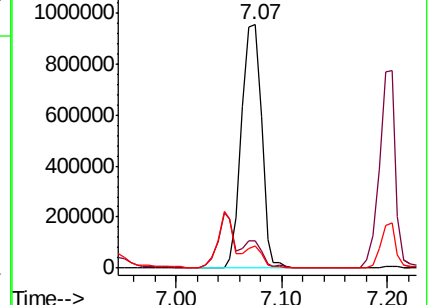
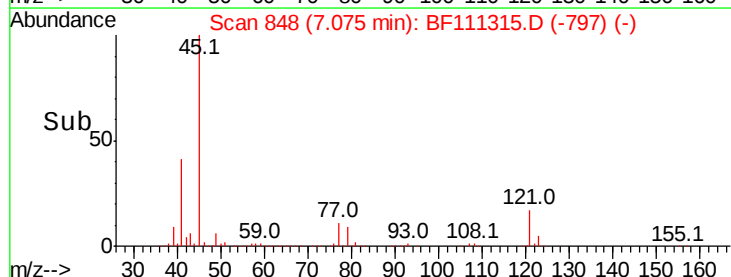
79 9.2 0.0 28.9

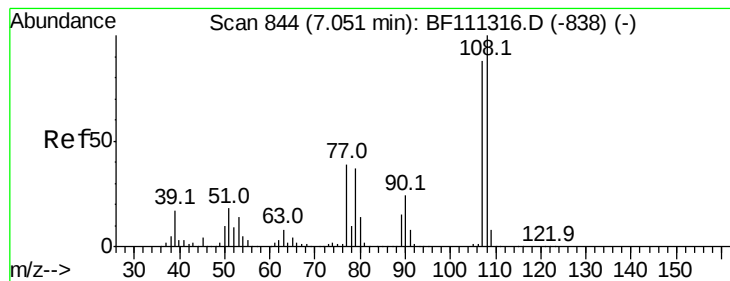


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

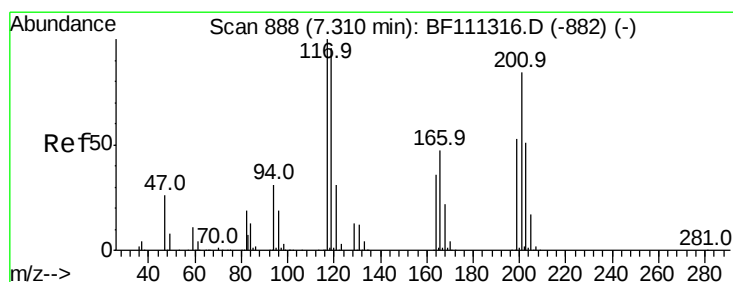
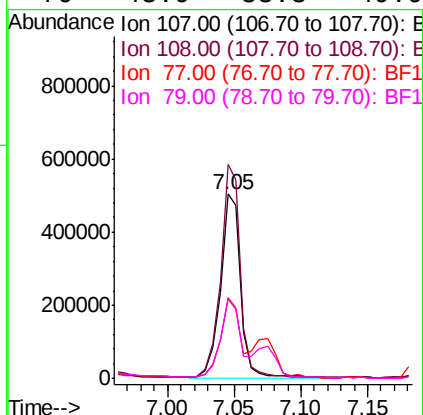
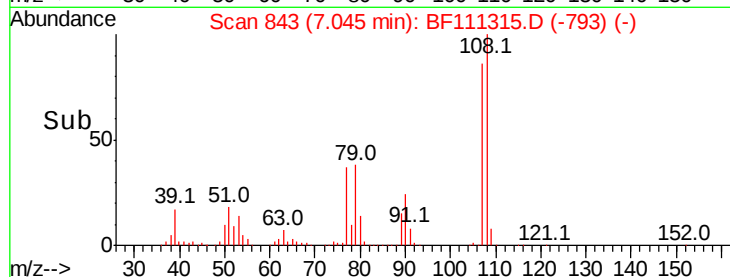
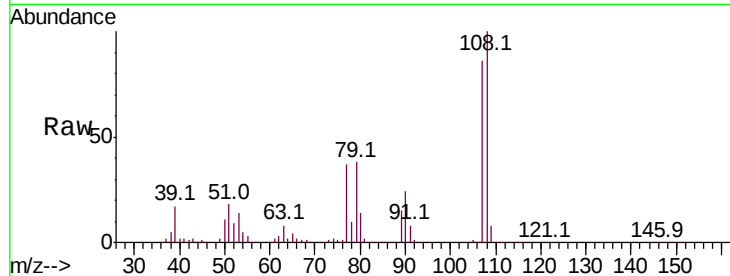




#17
2-Methylphenol
Concen: 25.852 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

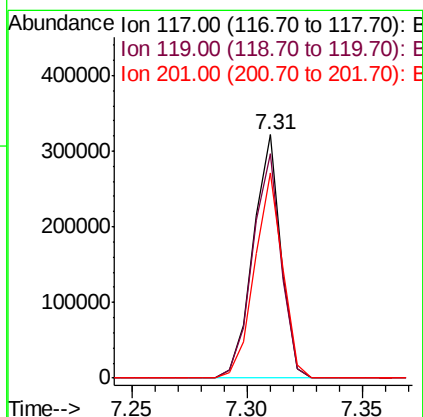
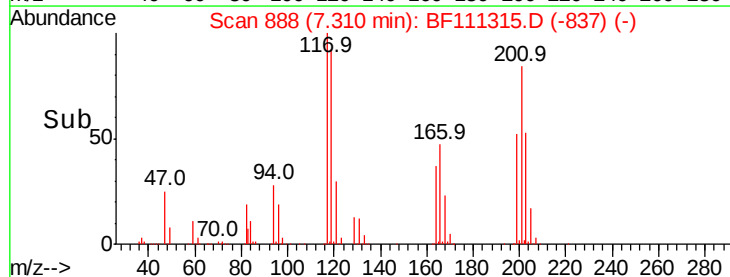
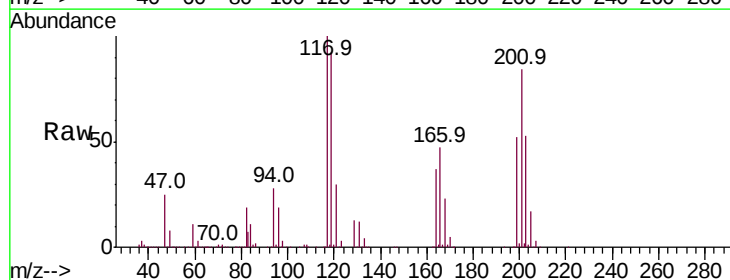
Instrument :
BNA_F
ClientSampleId :

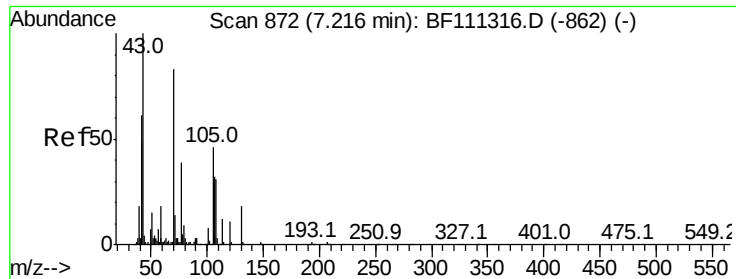
Tot Ion:	107	Resp:	531830
Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.0	136.4
77	43.4	33.5	50.3
79	43.9	33.3	49.9



#18
Hexachloroethane
Concen: 25.907 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:	117	Resp:	269645
Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.4	113.0
201	84.2	62.4	93.6

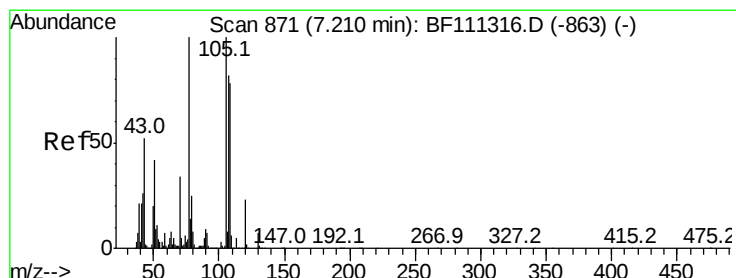
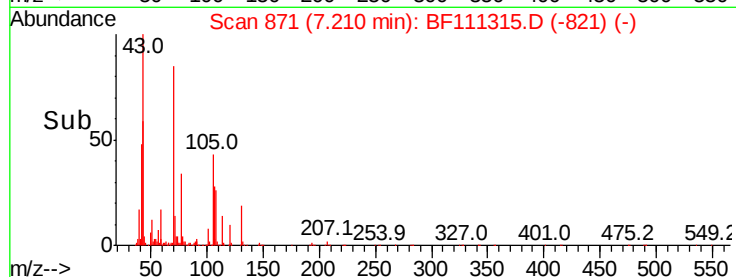
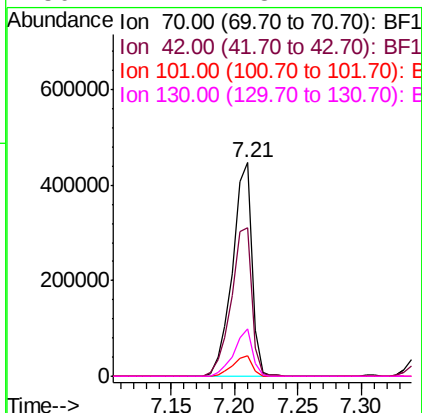
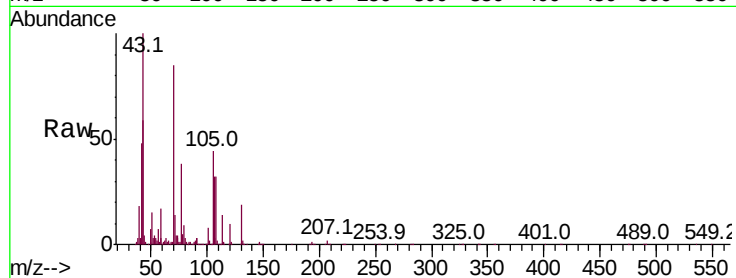




#19
n-Nitroso-di-n-propylamine
Concen: 25.638 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

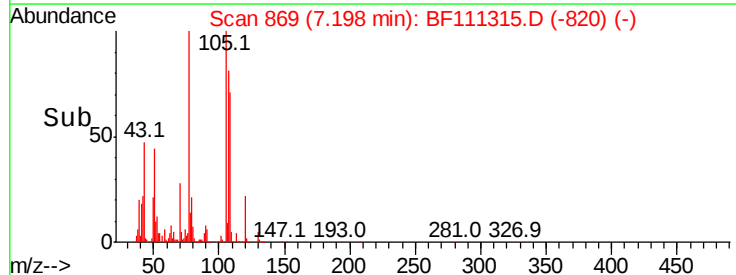
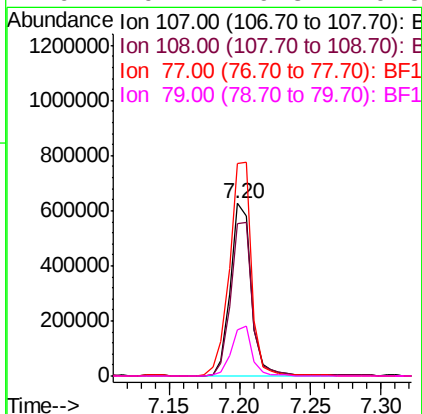
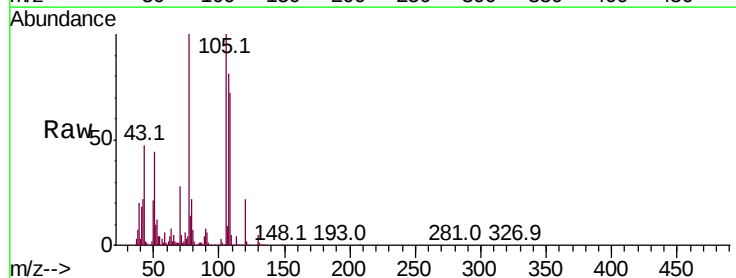
Instrument :
BNA_F
ClientSampleId :

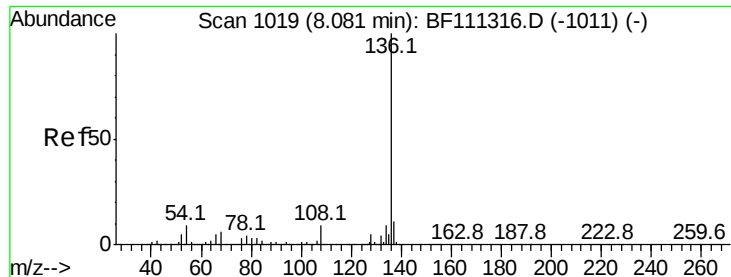
Tot Ion:	70	Resp:	473142
Ion	Ratio	Lower	Upper
70	100		
42	69.3	53.2	79.8
101	9.9	8.2	12.4
130	22.2	18.1	27.1



#20
3+4-Methylphenols
Concen: 26.369 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:	107	Resp:	645213
Ion	Ratio	Lower	Upper
107	100		
108	88.0	72.1	112.1
77	123.0	94.1	134.1
79	26.7	9.8	49.8

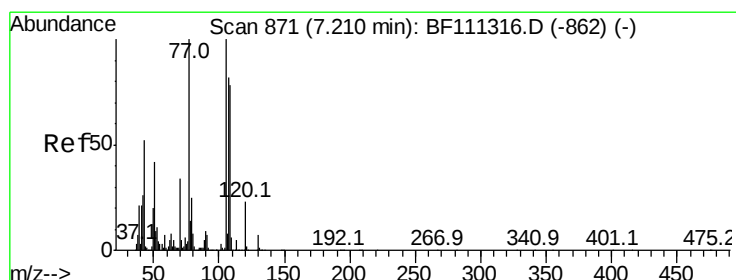
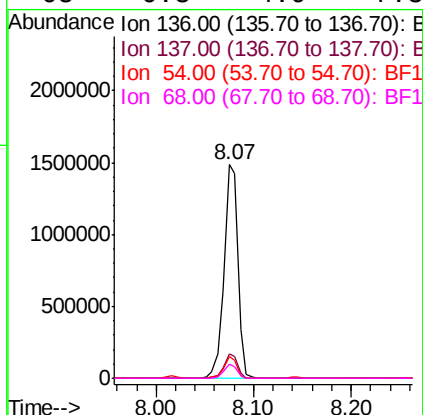
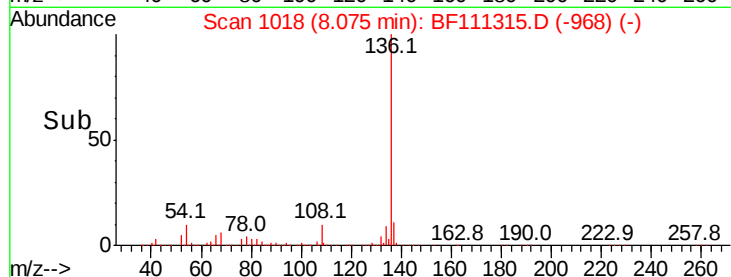
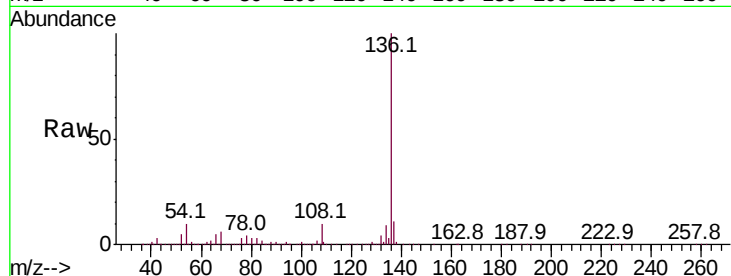




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

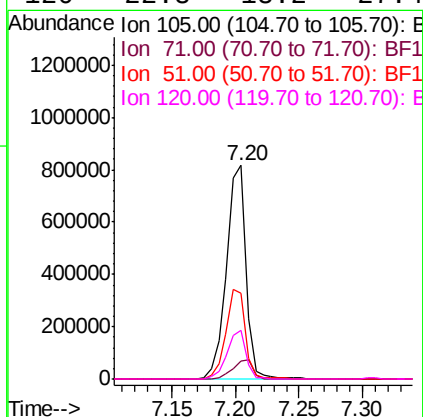
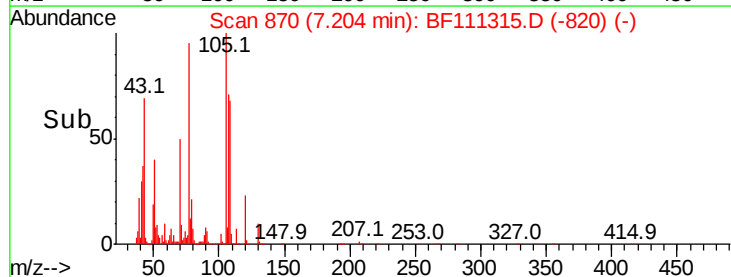
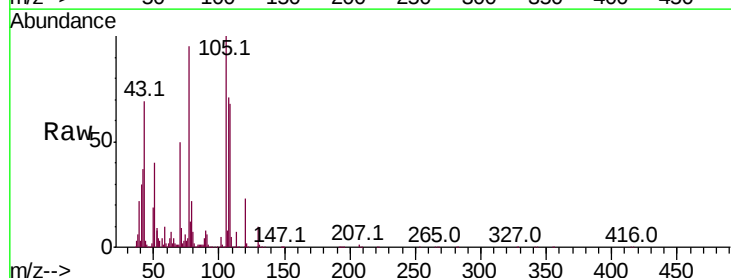
Instrument :
BNA_F
ClientSampleId :

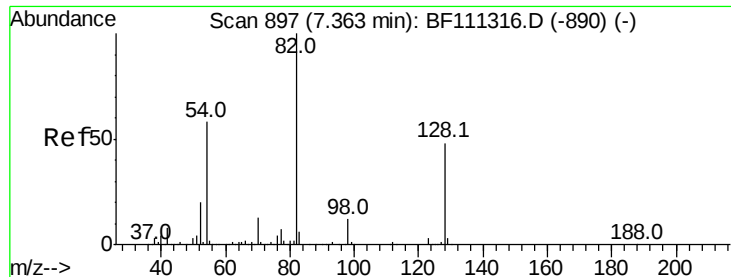
Tot Ion:	136	Resp:	1458788
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	7.7	11.5
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 26.038 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:	105	Resp:	869123
Ion	Ratio	Lower	Upper
105	100		
71	8.6	3.1	4.7#
51	40.1	36.6	54.8
120	22.8	18.2	27.4

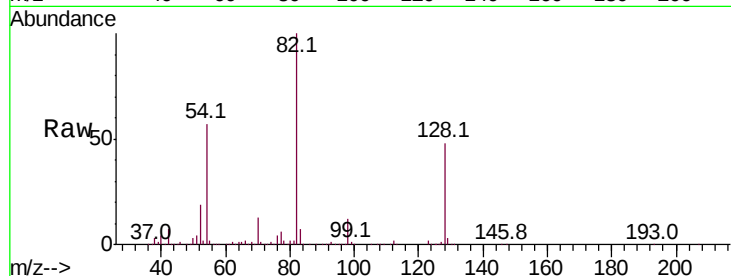




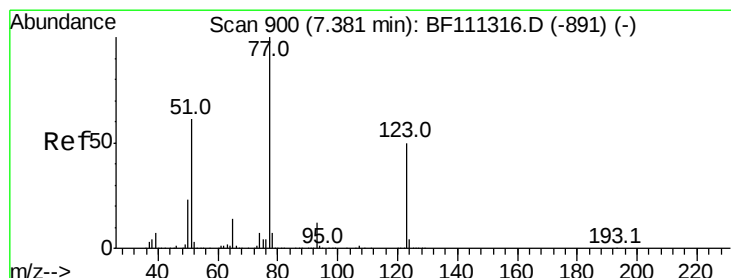
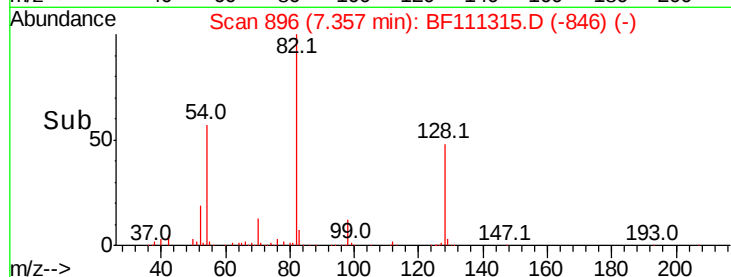
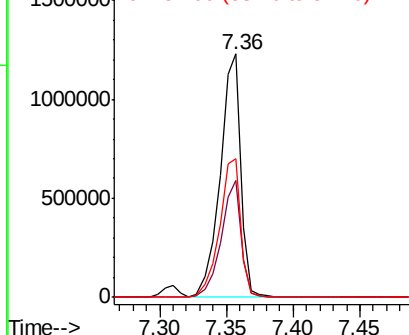
#23
Nitrobenzene-d5
Concen: 51.300 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1334233
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.2
54 57.0 47.6 71.4

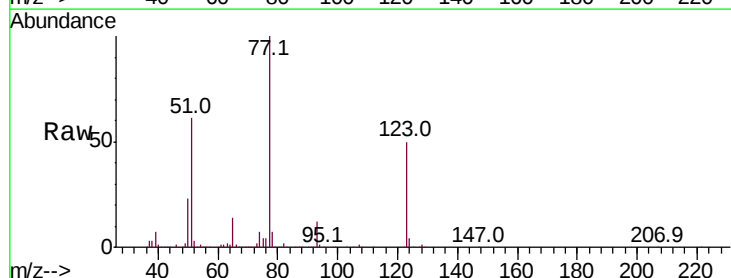


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

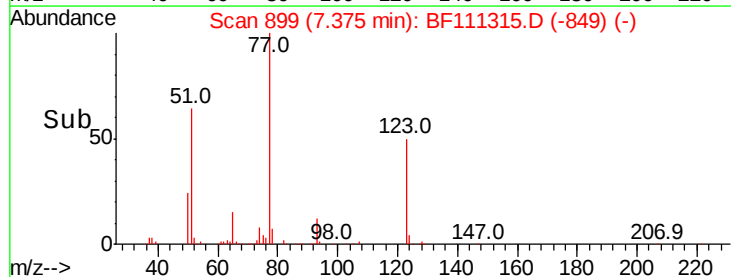
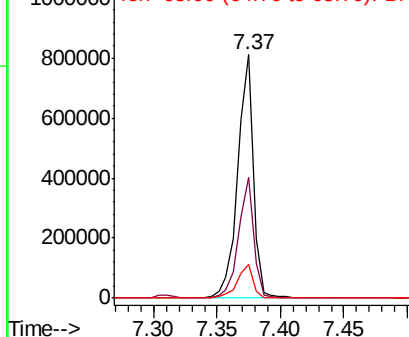


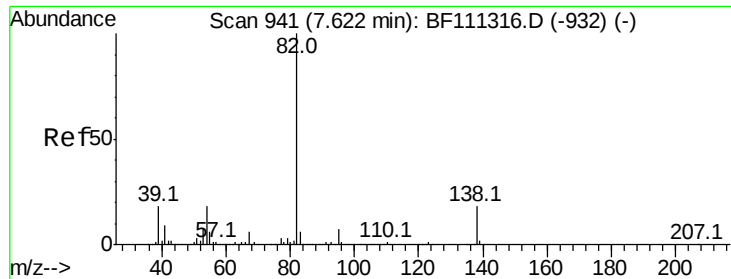
#24
Nitrobenzene
Concen: 25.267 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion: 77 Resp: 683956
Ion Ratio Lower Upper
77 100
123 49.8 37.2 55.8
65 13.9 11.5 17.3



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: 25.032 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

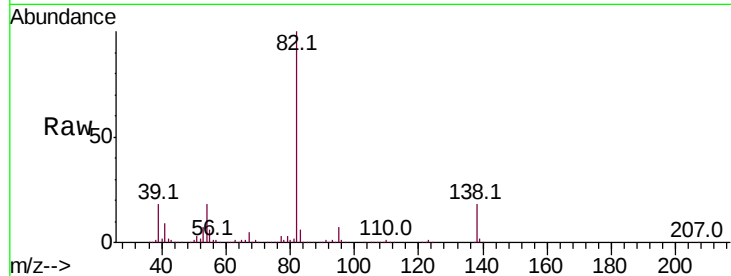
Tot Ion: 82 Resp: 1108887

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

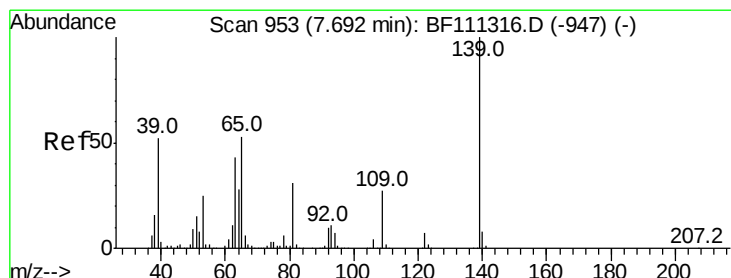
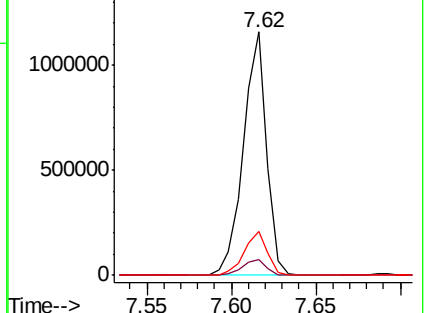
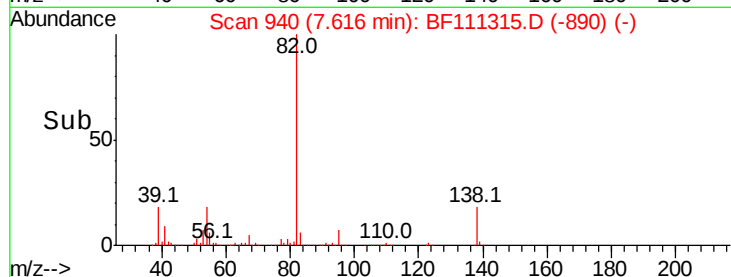
138 18.3 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 25.445 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

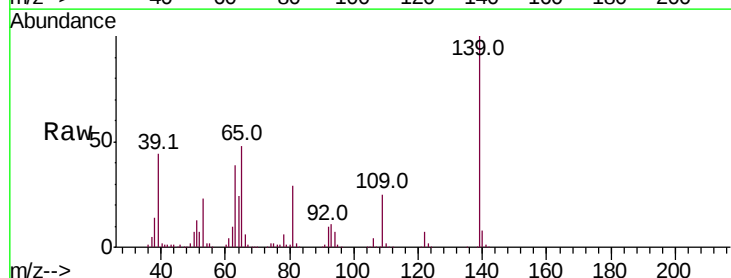
Tgt Ion: 139 Resp: 342212

Ion Ratio Lower Upper

139 100

109 24.6 20.2 30.4

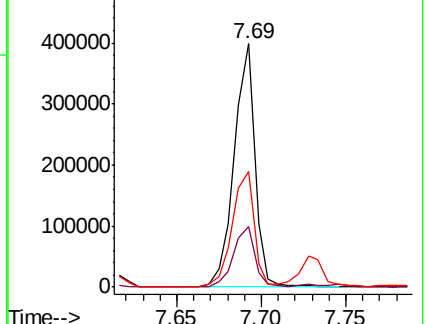
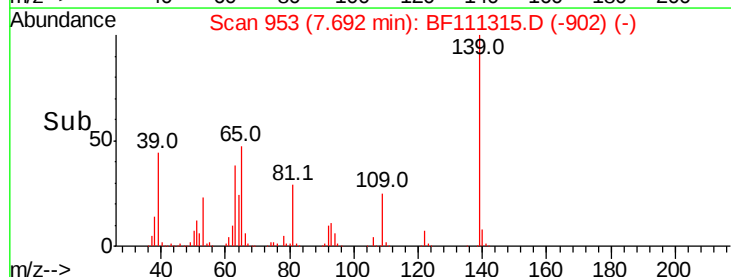
65 47.6 40.7 61.1

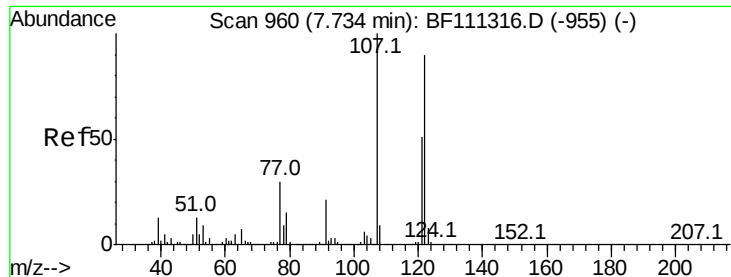


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

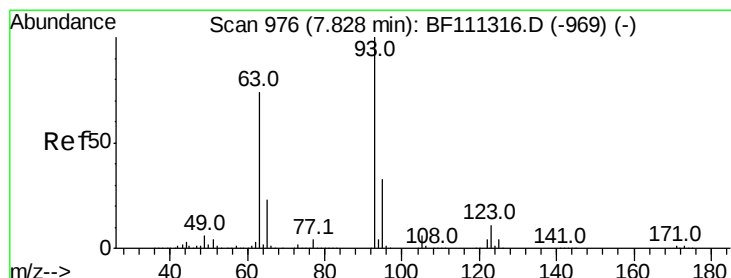
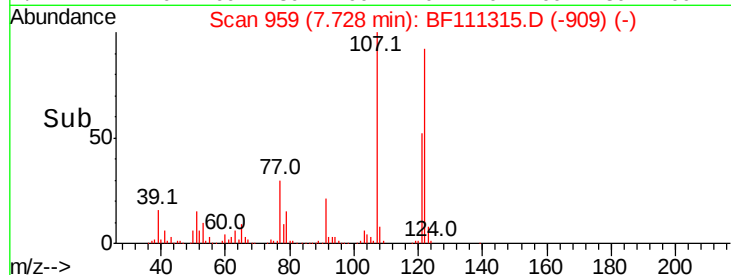
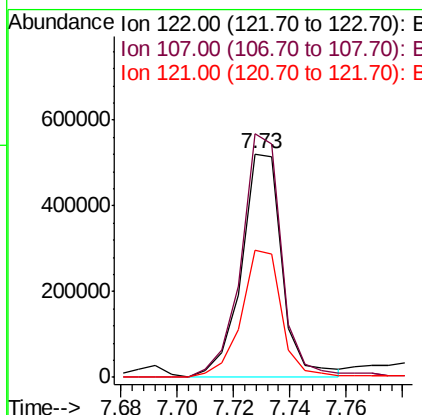
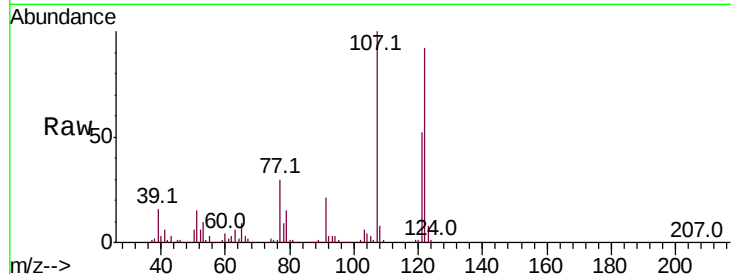




#27
2,4-Dimethylphenol
Concen: 25.170 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

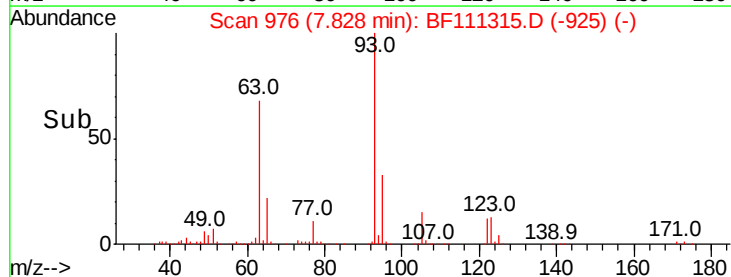
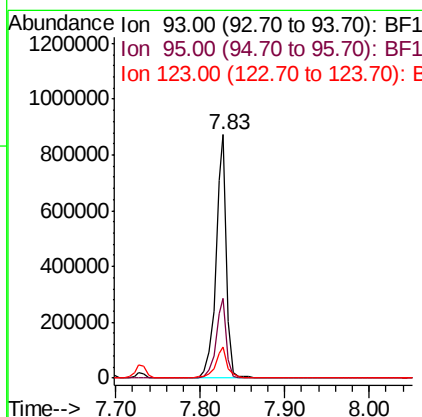
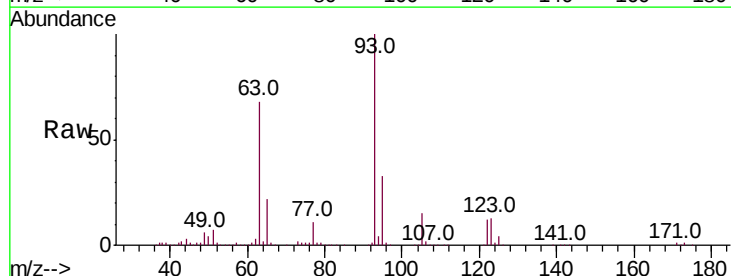
Instrument :
BNA_F
ClientSampled :

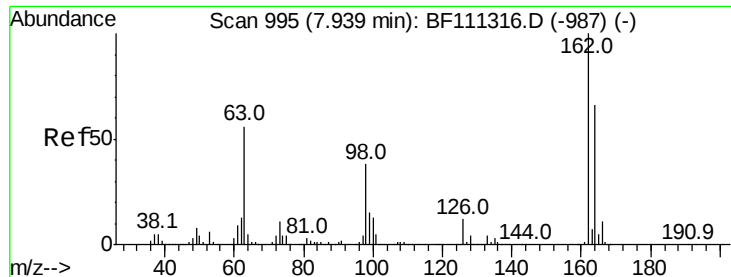
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	85.5	128.3
121	56.8	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 25.256 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	12.6	9.9	14.9

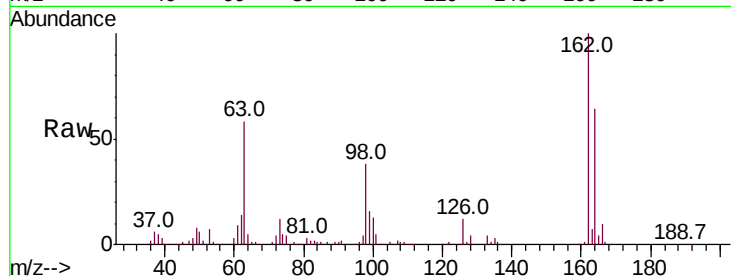




#29
2,4-Dichlorophenol
Concen: 25.388 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.4	84.4
98	38.0	20.3	60.3

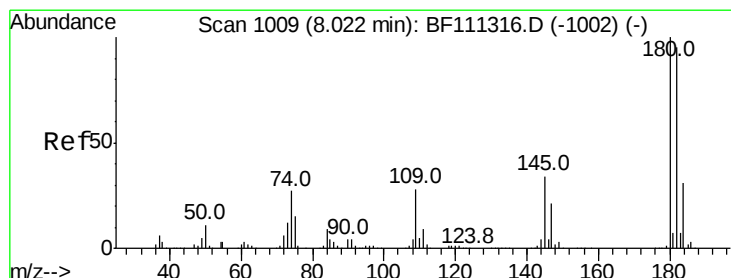
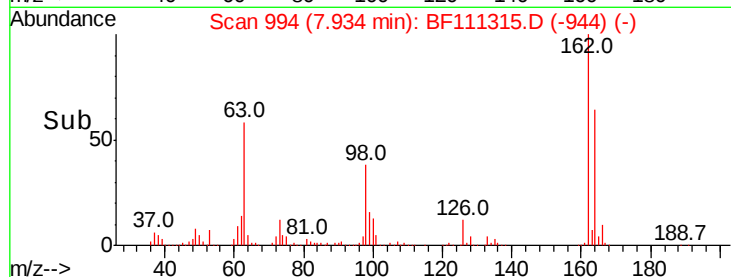
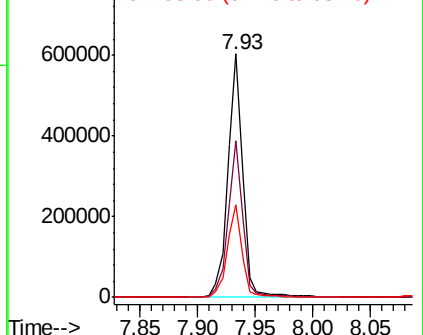


Abundance

Ion 162.00 (161.70 to 162.70): E

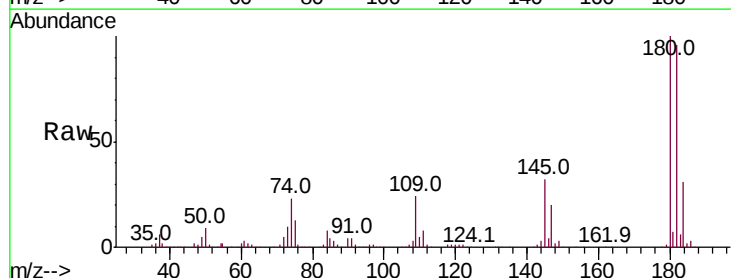
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 26.536 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.6	113.4
145	32.1	26.7	40.1

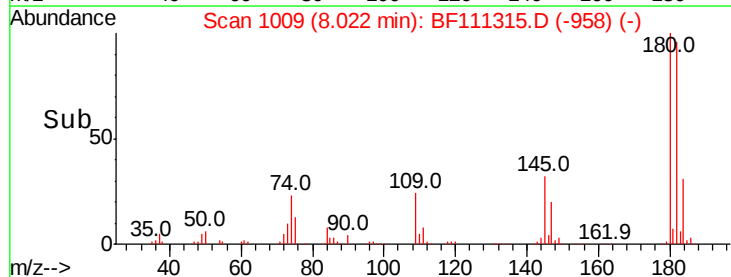
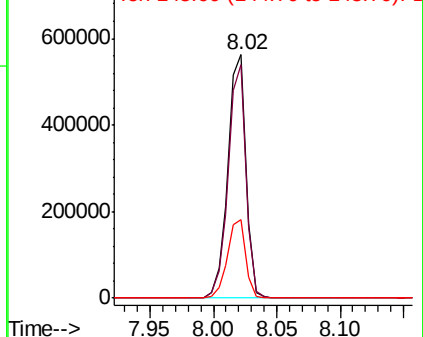


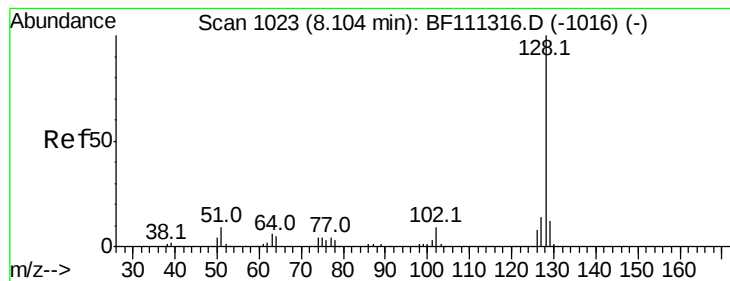
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.018 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampled :

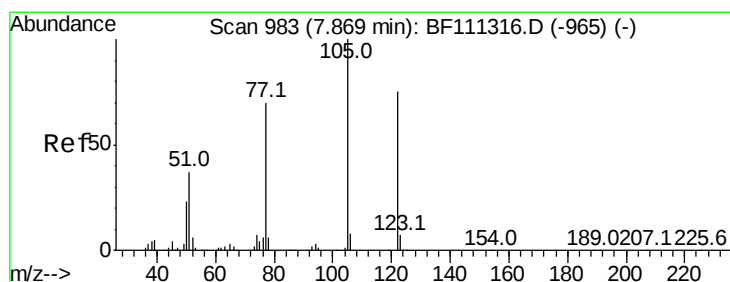
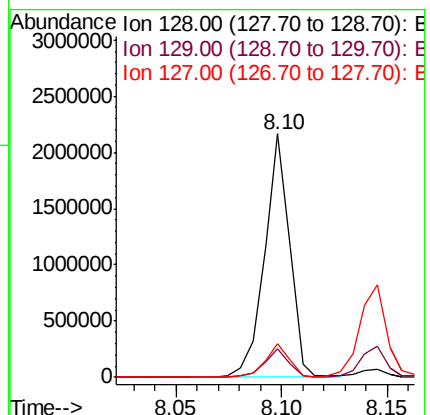
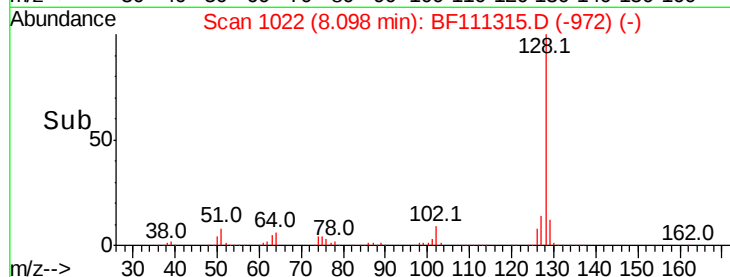
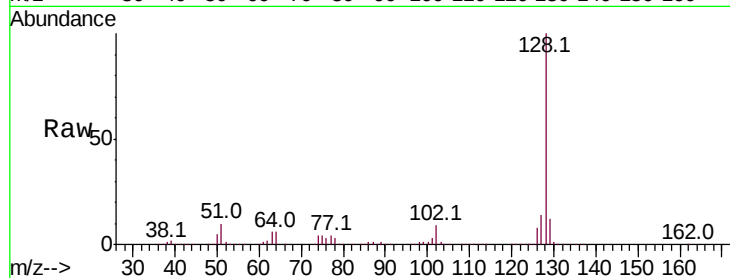
Tot Ion:128 Resp: 1783848

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

127 13.6 12.0 18.0



#32

Benzoic acid

Concen: 25.658 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

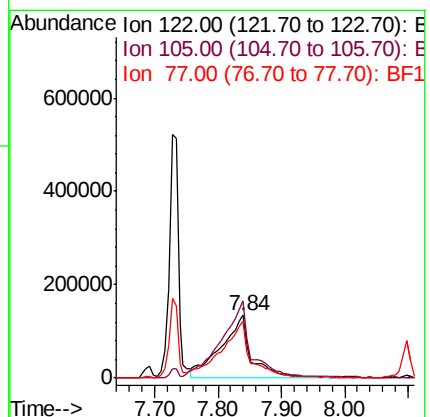
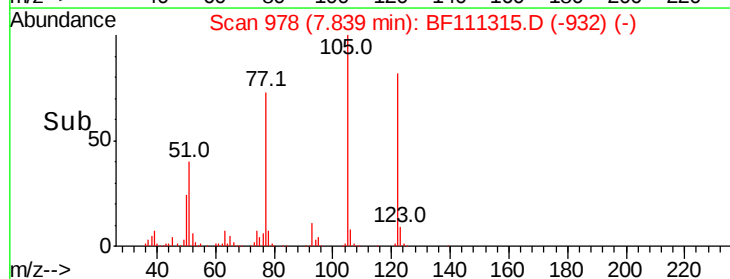
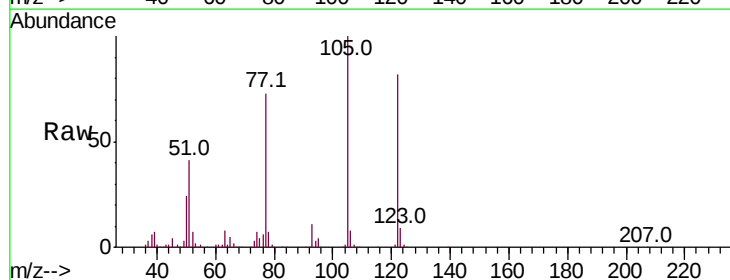
Tgt Ion:122 Resp: 440958

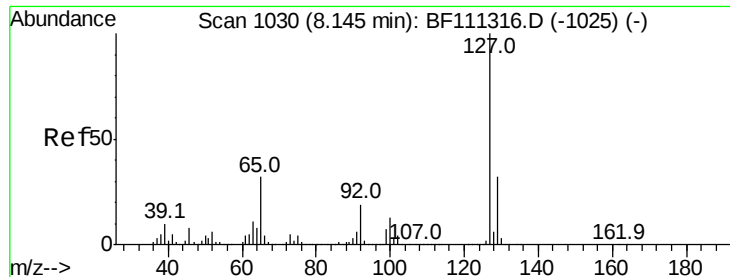
Ion Ratio Lower Upper

122 100

105 122.2 97.0 137.0

77 89.5 65.7 105.7

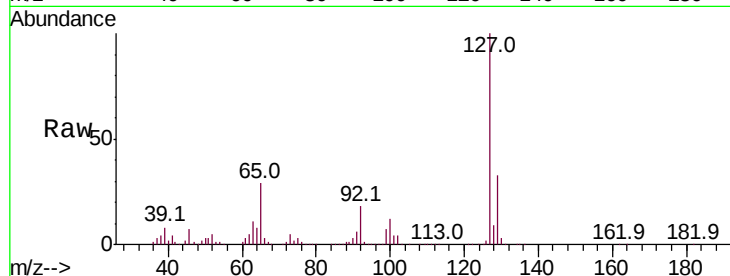




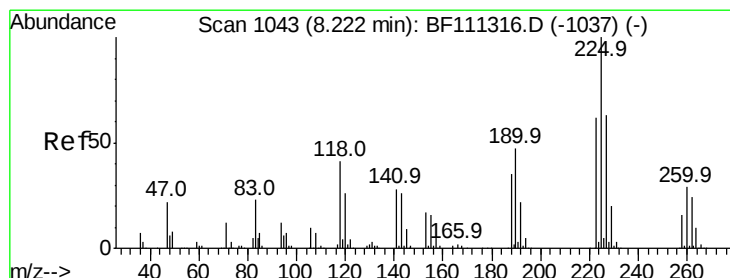
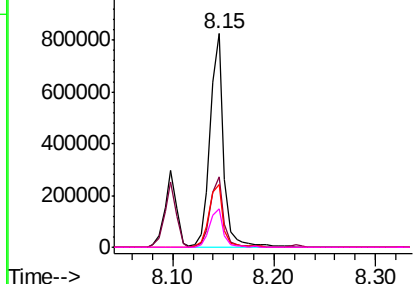
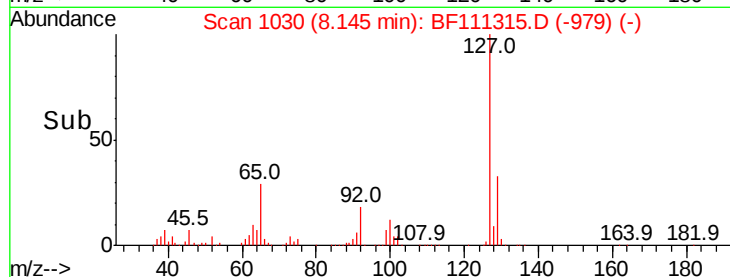
#33
4-Chloroaniline
Concen: 25.147 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	768988
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	29.4	25.7	38.5
92	17.7	15.4	23.2

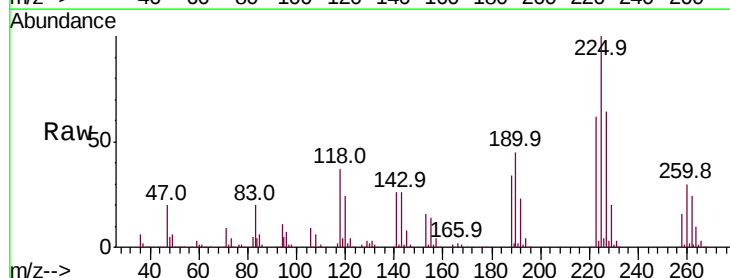


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

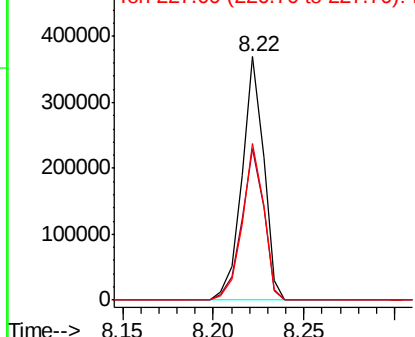
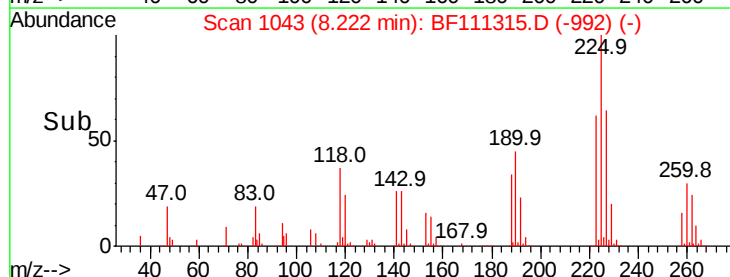


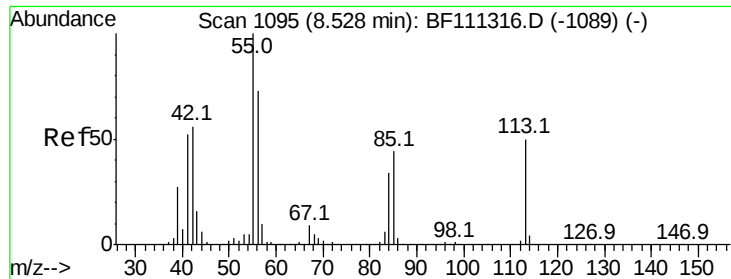
#34
Hexachlorobutadiene
Concen: 26.610 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:	225	Resp:	307465
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	64.3	52.6	78.8



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

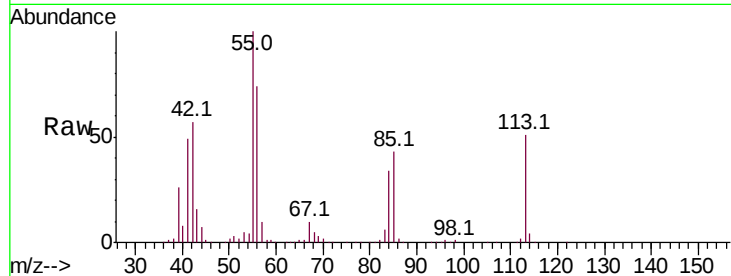




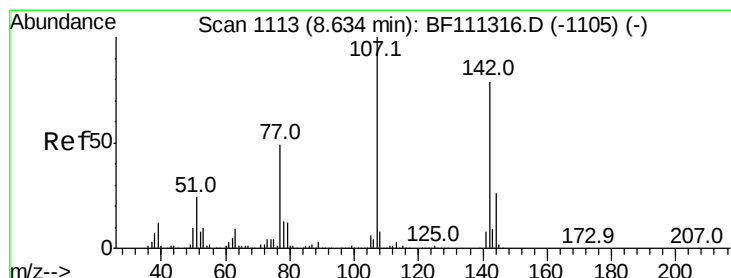
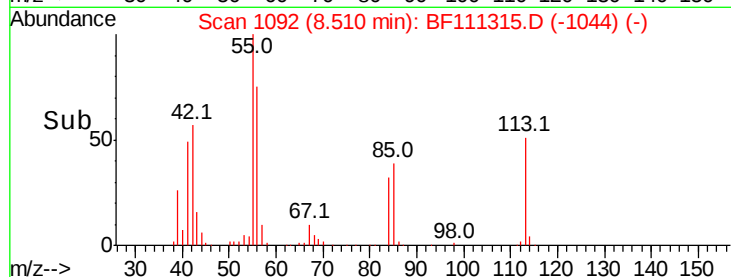
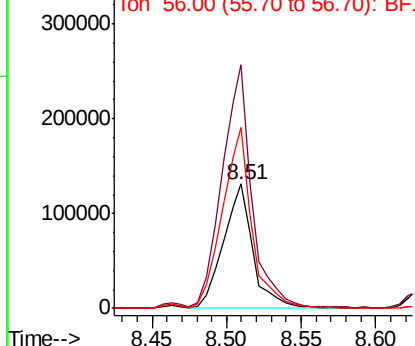
#35
Caprolactam
Concen: 23.700 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 178465
Ion Ratio Lower Upper
113 100
55 196.3 184.1 224.1
56 146.0 126.0 166.0

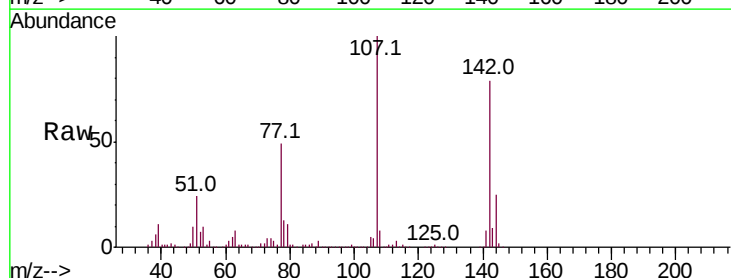


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

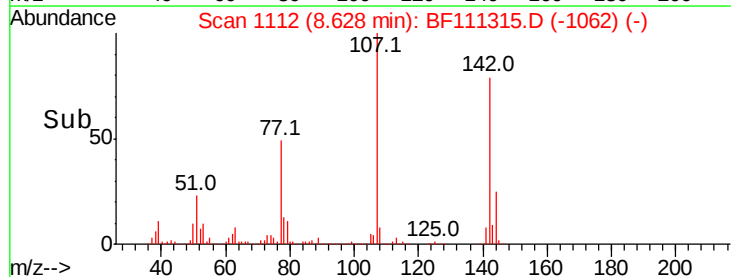
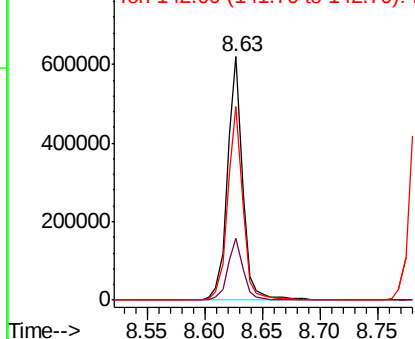


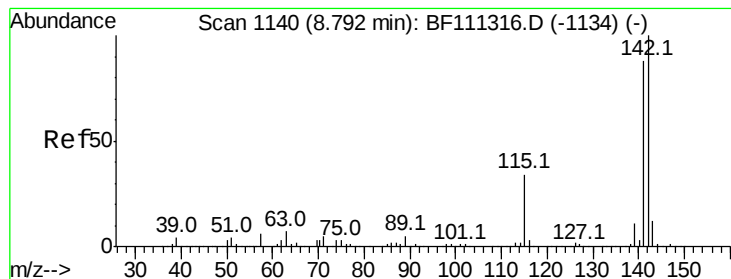
#36
4-Chloro-3-methylphenol
Concen: 26.006 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:107 Resp: 565825
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.6
142 79.5 62.3 93.5



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

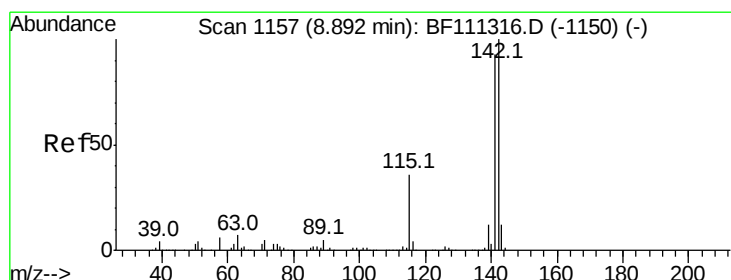
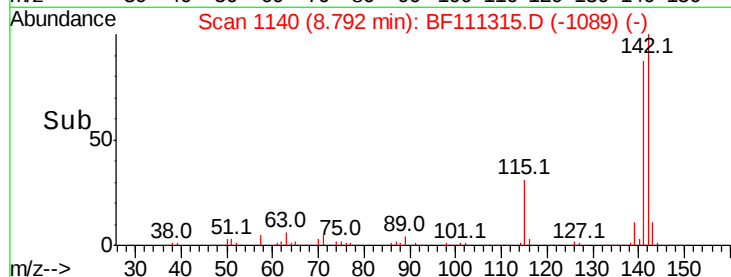
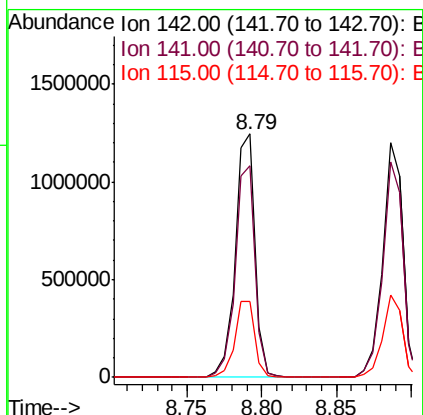
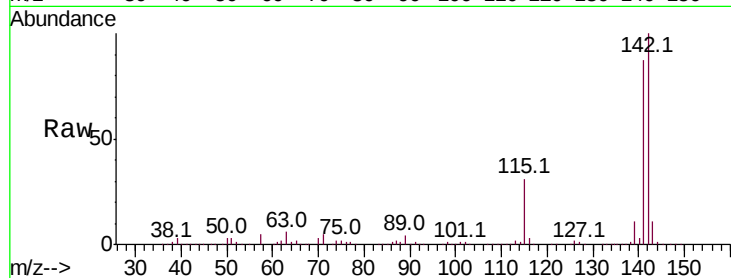




#37
2-Methylnaphthalene
Concen: 27.346 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

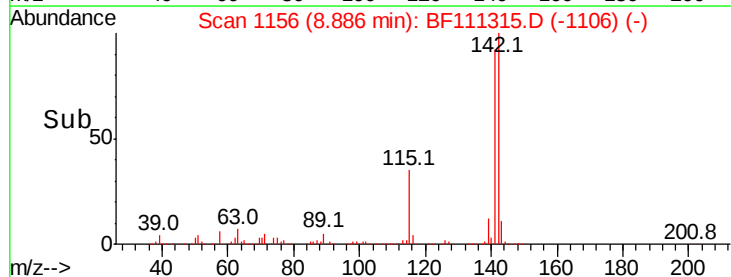
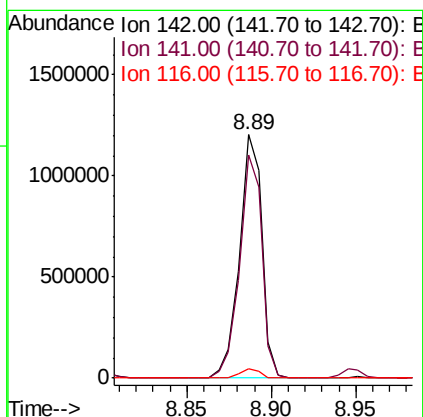
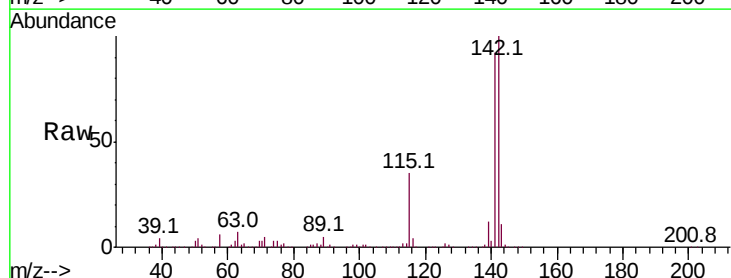
Instrument :
BNA_F
ClientSampleId :

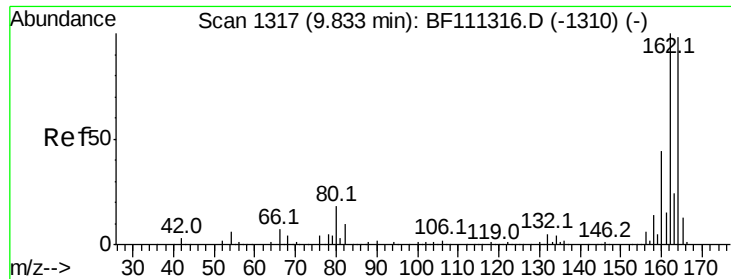
Tot Ion:142 Resp: 1155926
Ion Ratio Lower Upper
142 100
141 86.9 70.6 105.8
115 31.3 27.0 40.6



#38
1-Methylnaphthalene
Concen: 26.699 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:142 Resp: 1105203
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4
116 3.6 2.9 4.3

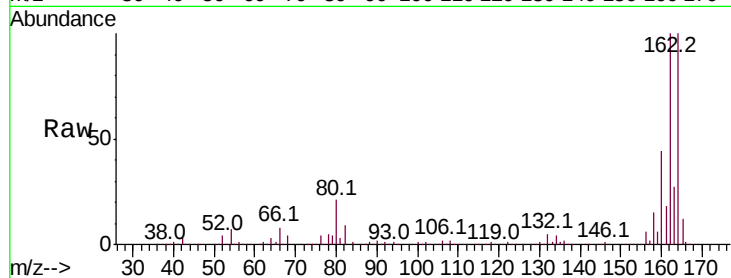




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	44.0	35.7	53.5

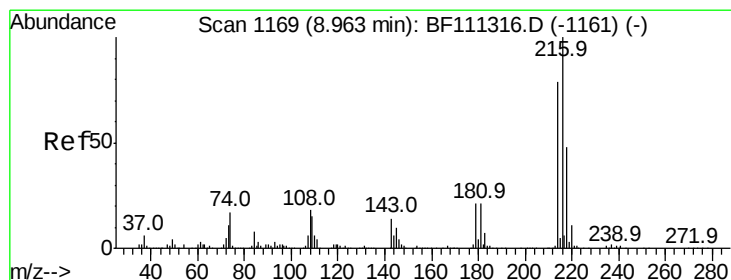
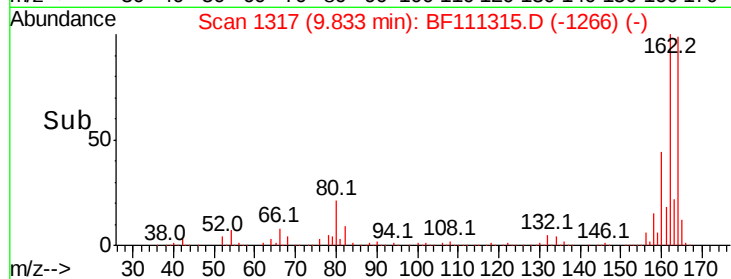
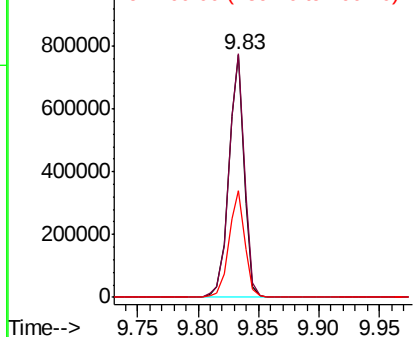


Abundance

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: 26.689 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	22.0	17.9	26.9
108	21.6	18.4	27.6

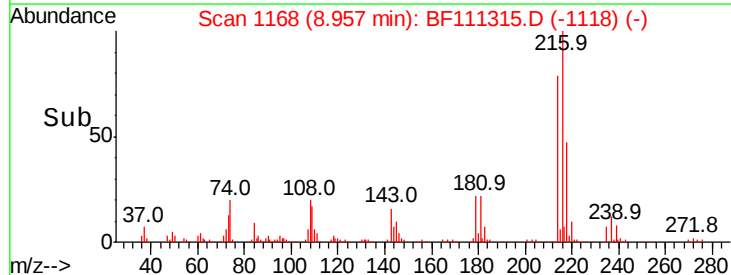
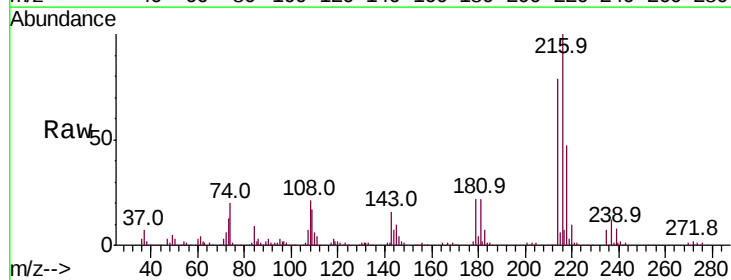
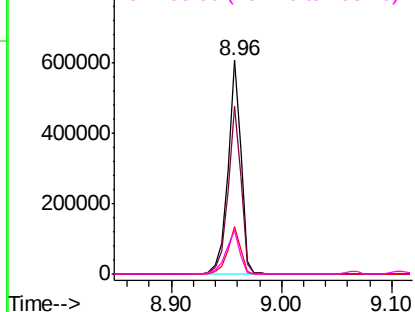
Abundance

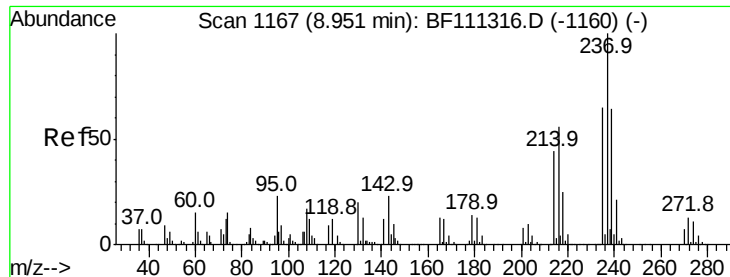
Ion 216.00 (215.70 to 216.70): E

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: 25.132 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampled :

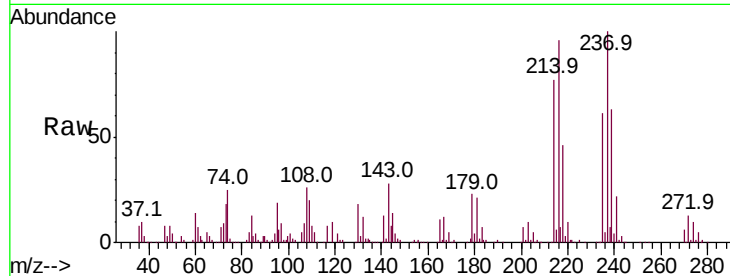
Tot Ion:237 Resp: 268607

Ion Ratio Lower Upper

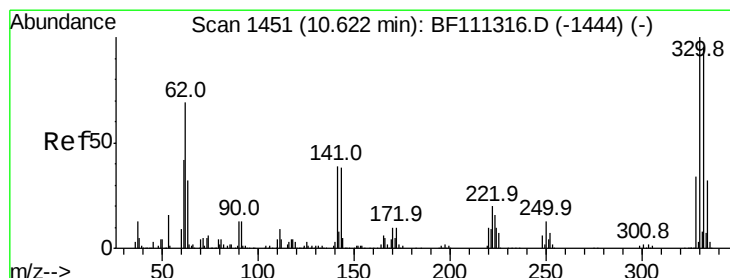
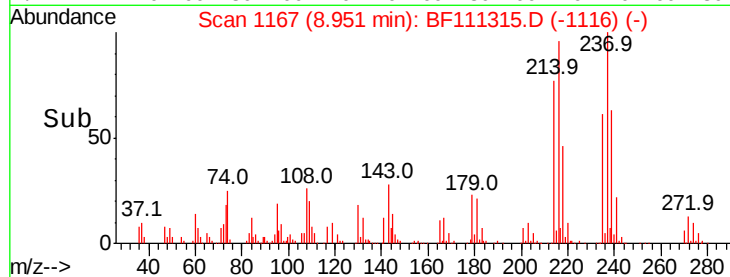
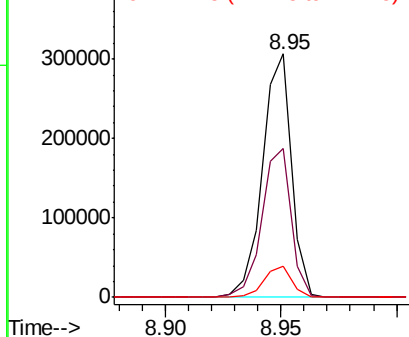
237 100

235 61.2 43.1 83.1

272 13.0 0.0 33.0



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: 53.030 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

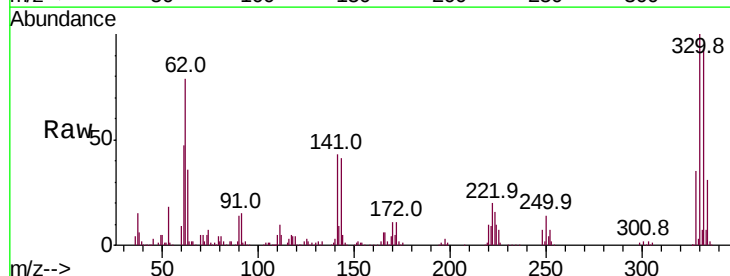
Tgt Ion:330 Resp: 316826

Ion Ratio Lower Upper

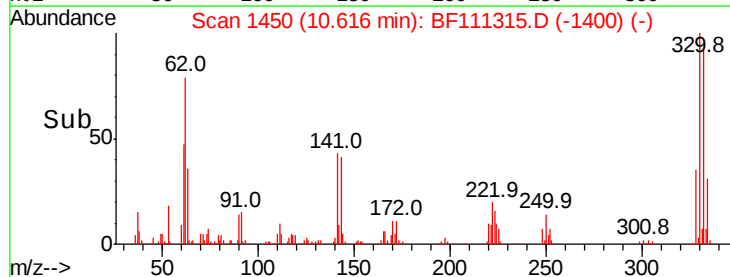
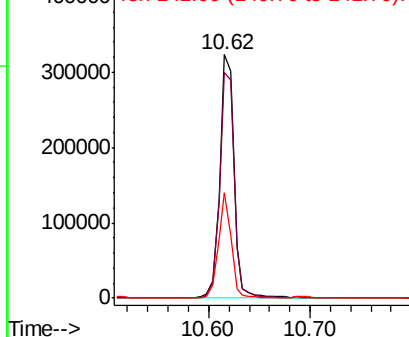
330 100

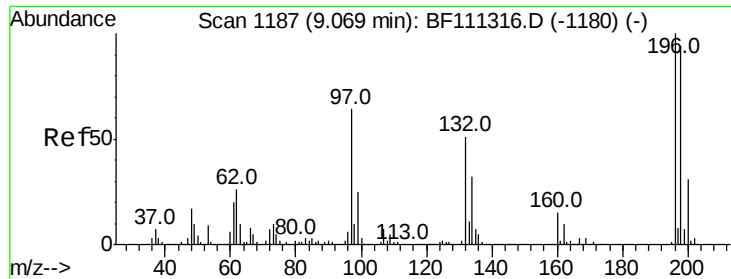
332 94.0 76.0 114.0

141 38.7 31.0 46.6



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

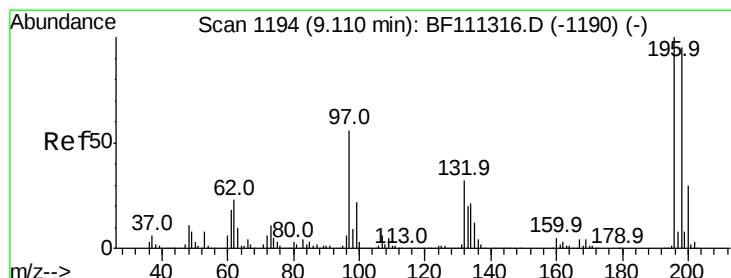
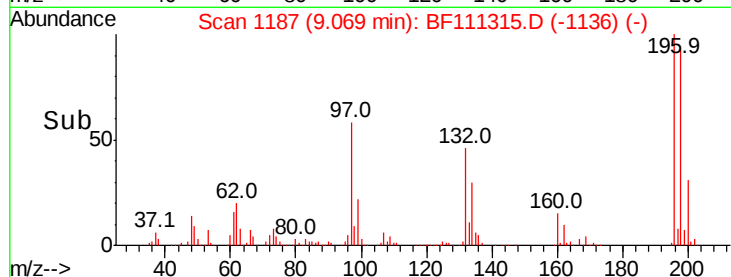
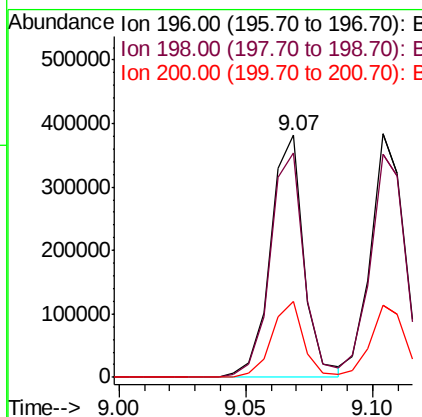
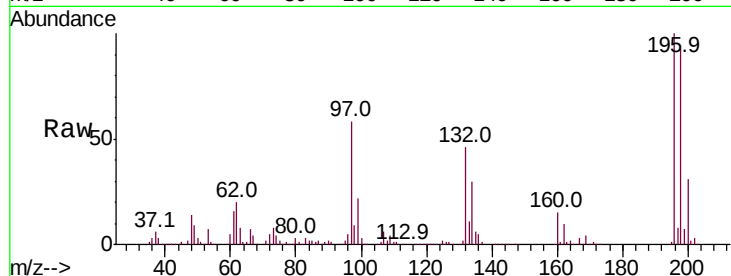




#43
 2,4,6-Trichlorophenol
 Concen: 24.966 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

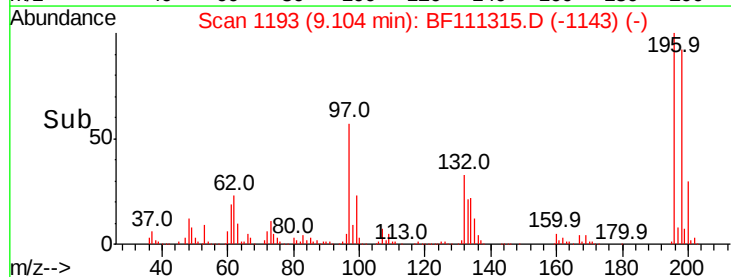
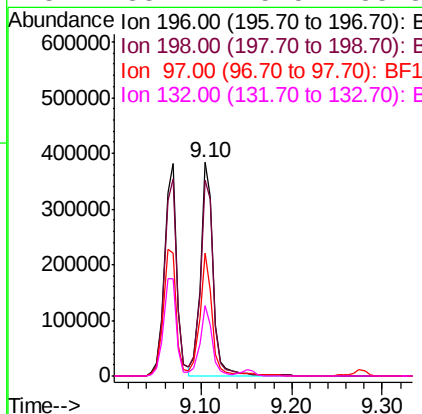
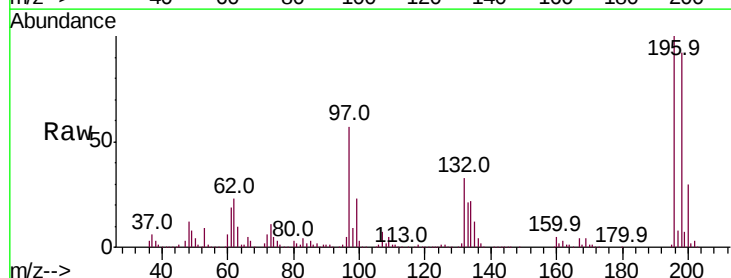
Instrument :
 BNA_F
 ClientSampleId :

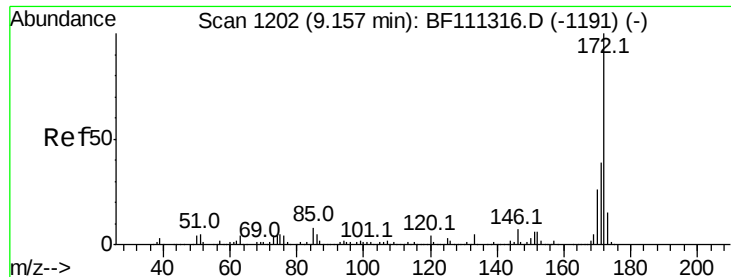
Tot Ion:196	Resp:	351698	
Ion Ratio	Lower	Upper	
196	100		
198	92.7	76.3	114.5
200	31.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 25.514 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Tgt	Ion:196	Resp:	374410
Ion	Ratio	Lower	Upper
196	100		
198	91.6	72.9	109.3
97	57.5	45.3	67.9
132	33.1	25.5	38.3

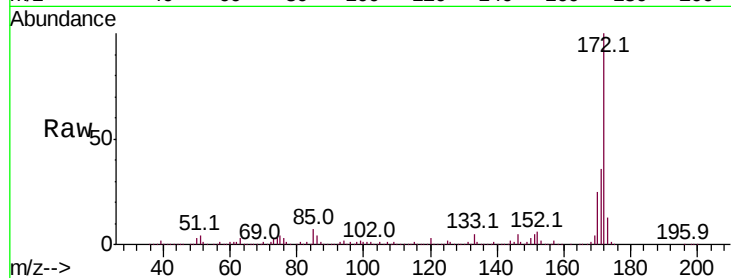




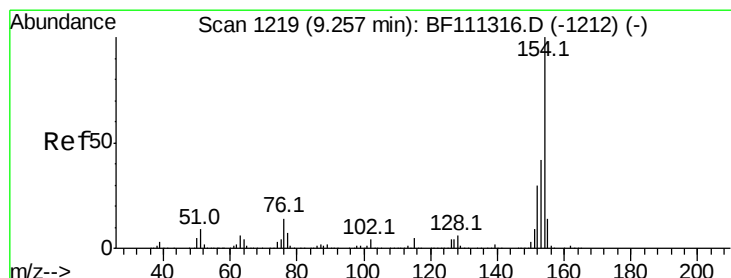
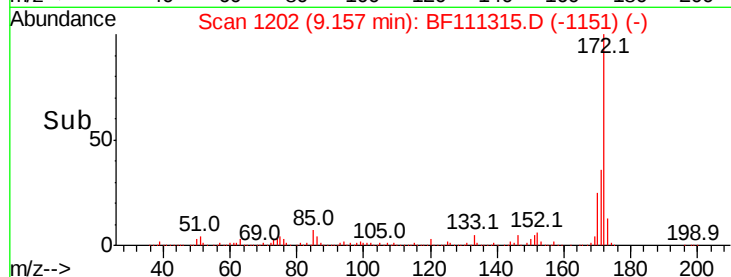
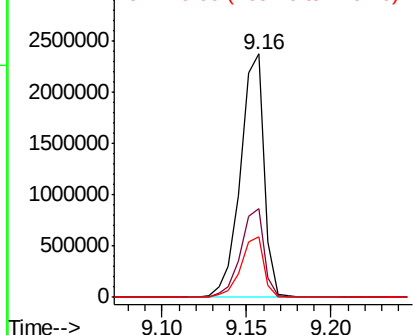
#45
2-Fluorobiphenyl
Concen: 54.446 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2327944
Ion Ratio Lower Upper
172 100
171 36.5 33.0 49.4
170 24.8 22.3 33.5

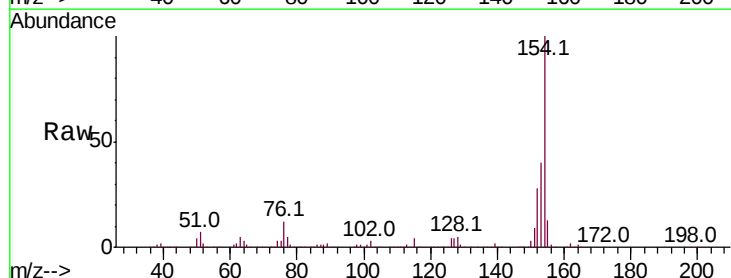


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

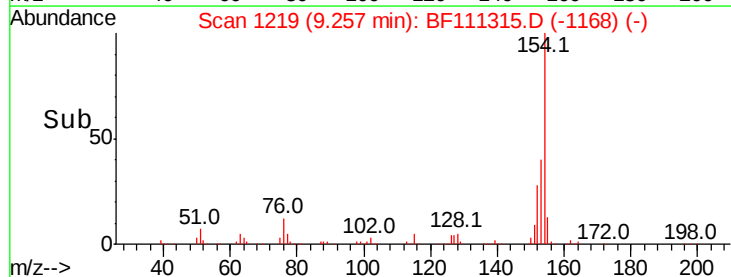
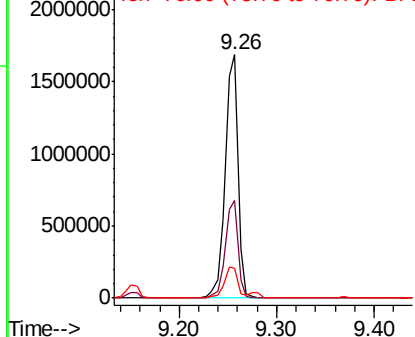


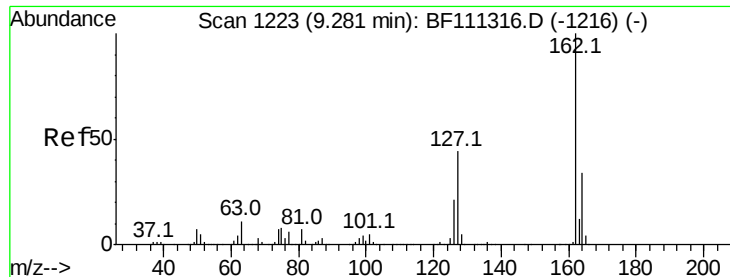
#46
1,1'-Biphenyl
Concen: 27.153 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:154 Resp: 1539495
Ion Ratio Lower Upper
154 100
153 40.0 23.7 63.7
76 12.0 0.0 35.0



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

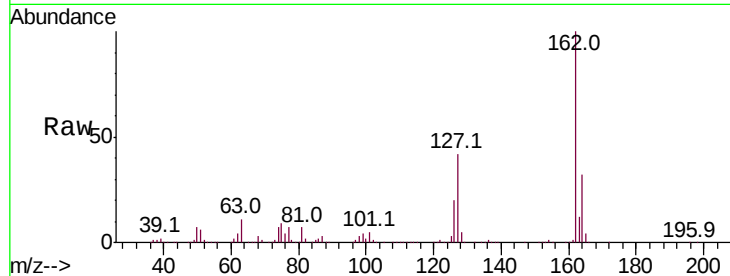




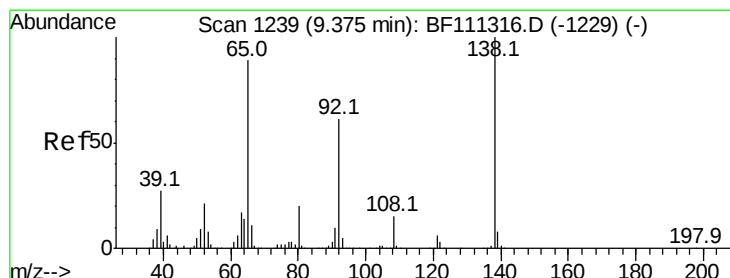
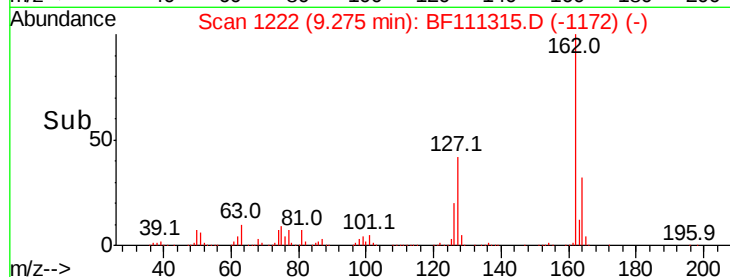
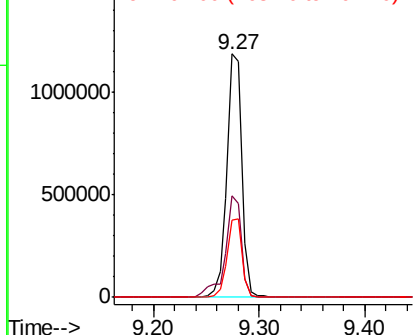
#47
 2-Chloronaphthalene
 Concen: 26.412 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1165602
 Ion Ratio Lower Upper
 162 100
 127 41.8 35.0 52.4
 164 31.9 28.4 42.6

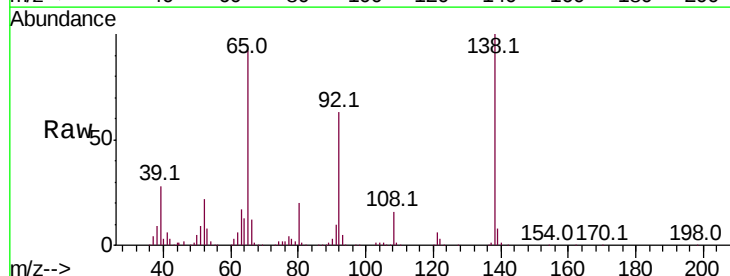


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

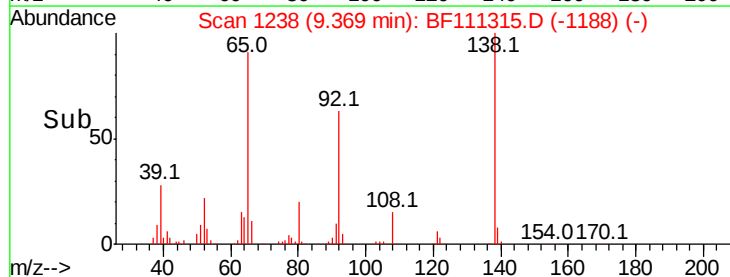
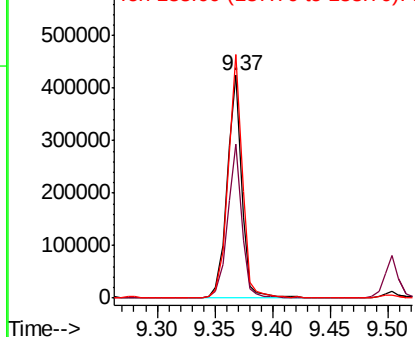


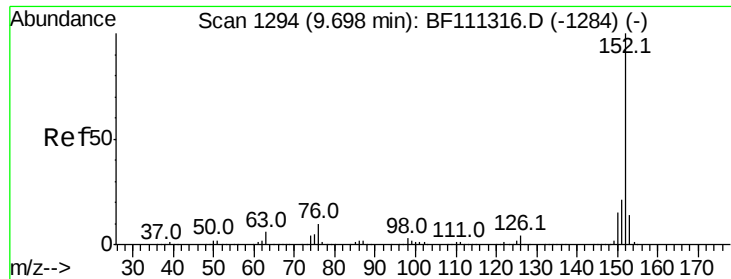
#48
 2-Nitroaniline
 Concen: 24.850 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Tgt Ion: 65 Resp: 374098
 Ion Ratio Lower Upper
 65 100
 92 68.9 53.5 80.3
 138 109.2 80.9 121.3



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: 26.434 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampled :

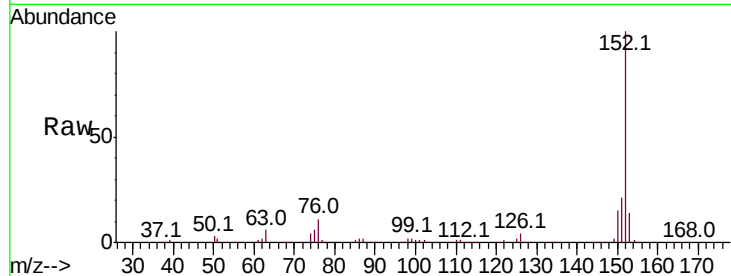
Tot Ion:152 Resp: 1693545

Ion Ratio Lower Upper

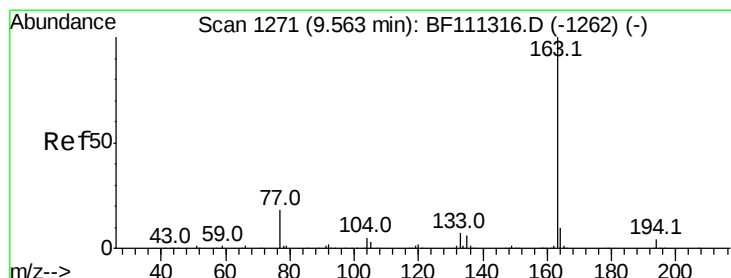
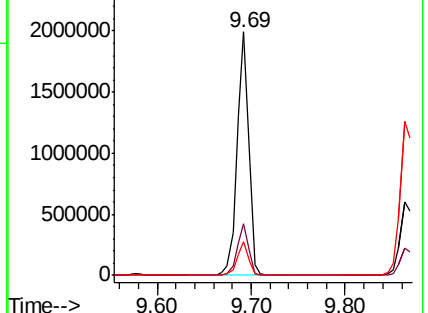
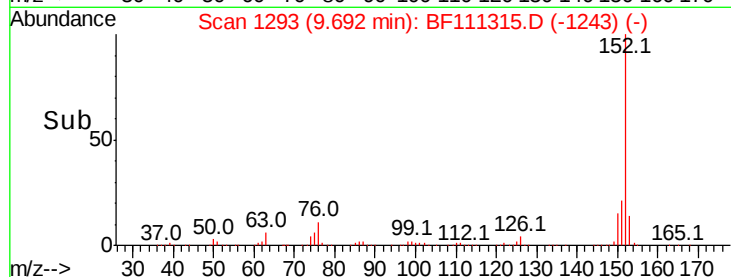
152 100

151 21.0 18.0 27.0

153 13.7 12.3 18.5



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: 25.090 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

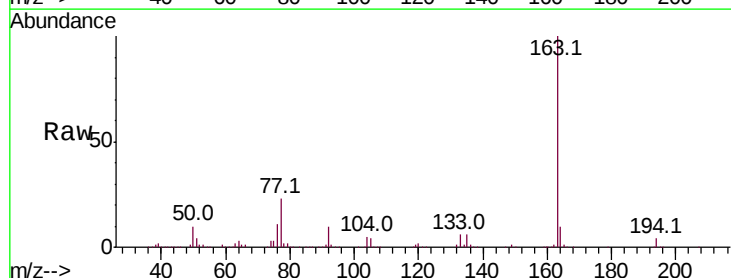
Tgt Ion:163 Resp: 1248602

Ion Ratio Lower Upper

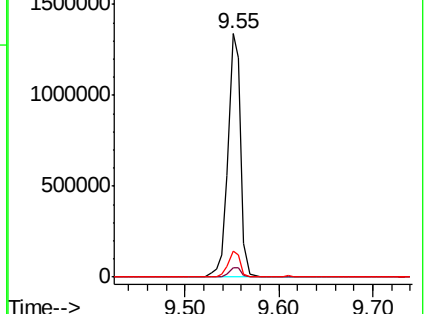
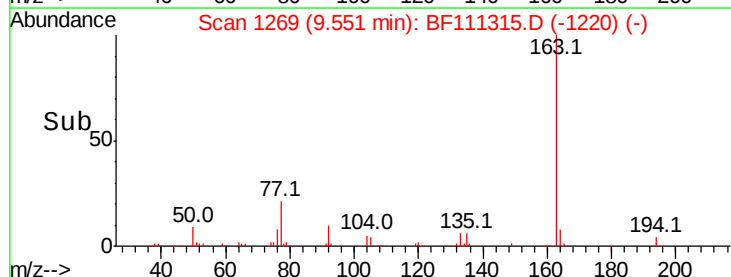
163 100

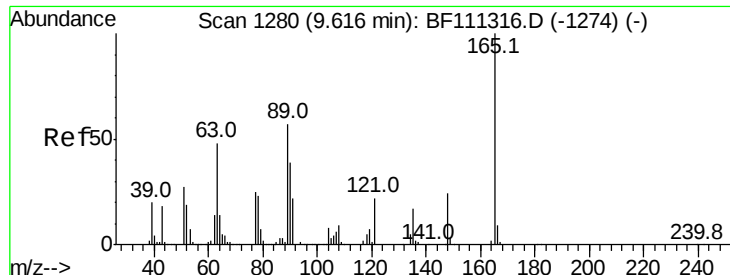
194 3.7 3.0 4.6

164 10.4 8.9 13.3



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

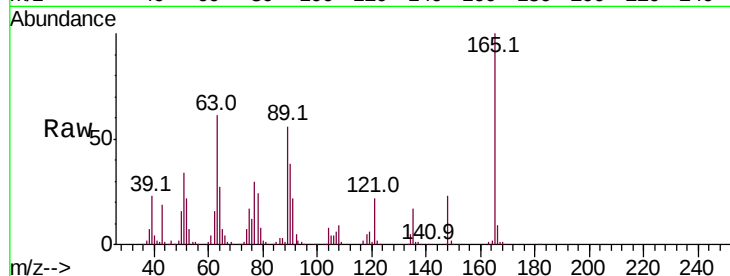




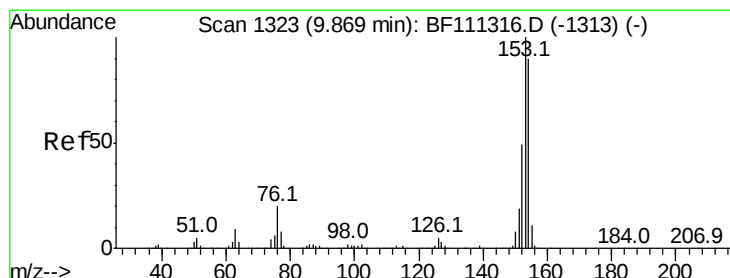
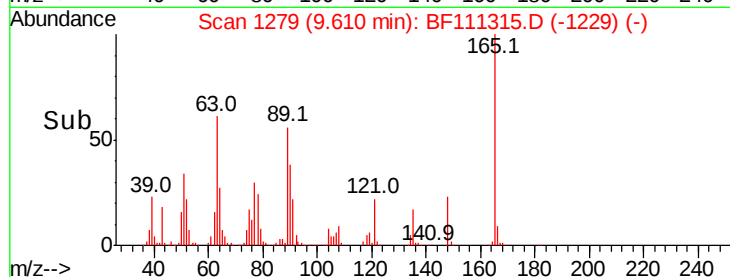
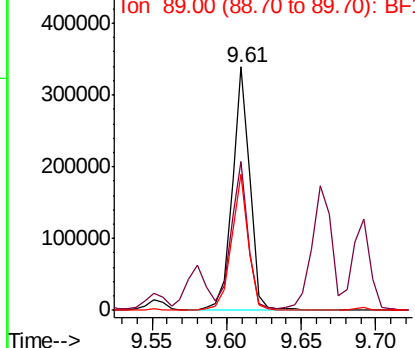
#51
 2,6-Dinitrotoluene
 Concen: 25.726 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 282737
 Ion Ratio Lower Upper
 165 100
 63 61.3 40.5 60.7#
 89 56.0 40.0 60.0

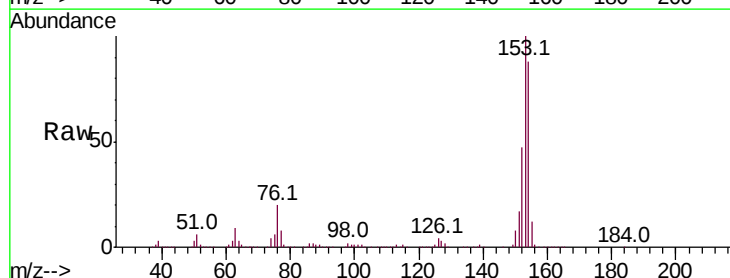


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

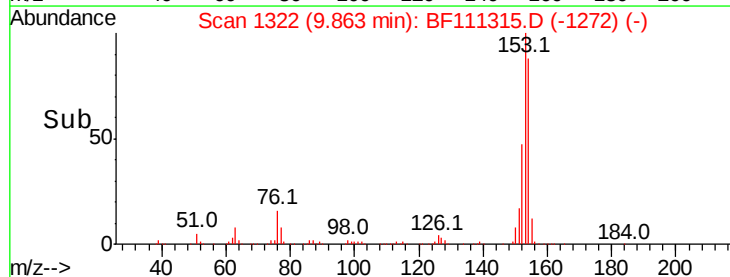
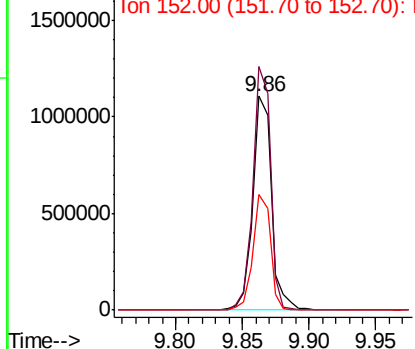


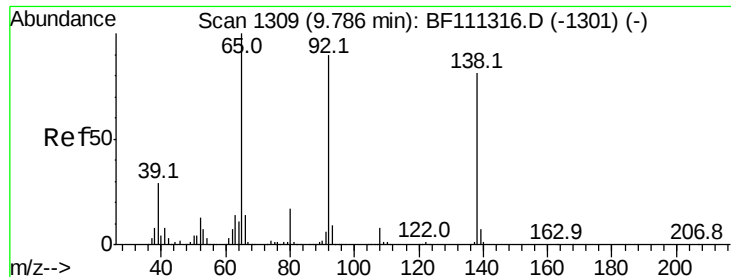
#52
 Acenaphthene
 Concen: 26.169 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Tgt Ion:154 Resp: 1052122
 Ion Ratio Lower Upper
 154 100
 153 113.8 87.8 131.8
 152 53.8 43.4 65.2



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

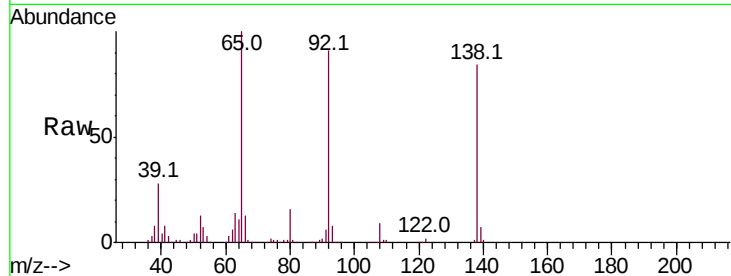




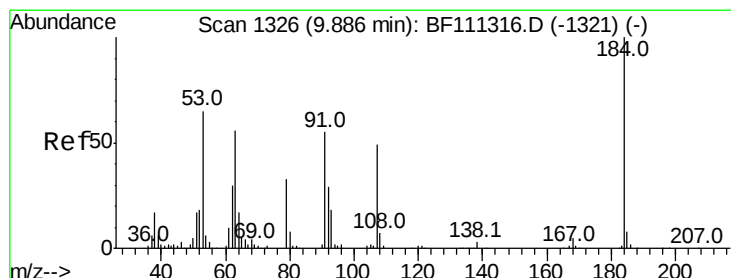
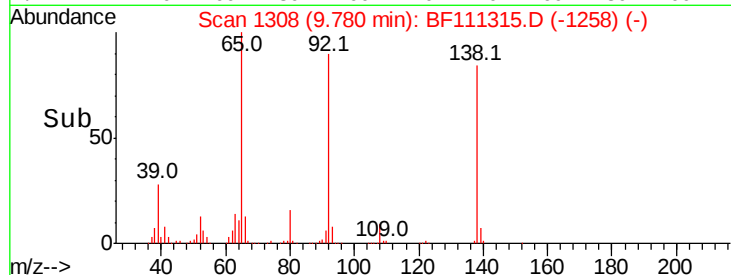
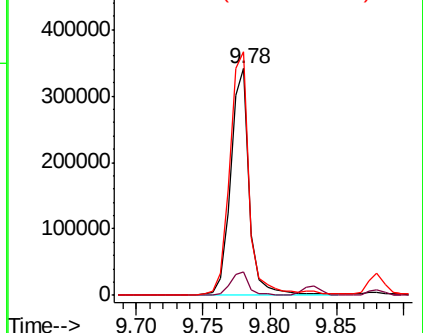
#53
3-Nitroaniline
Concen: 25.044 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 339731
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 107.5 93.4 140.2

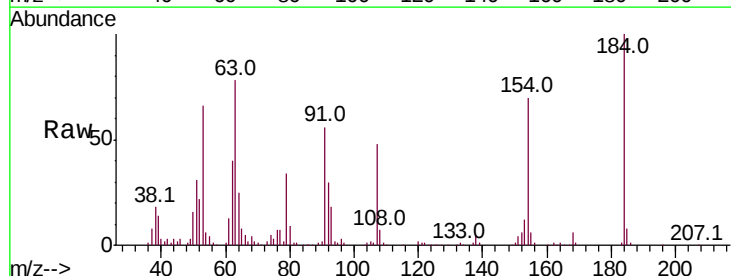


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

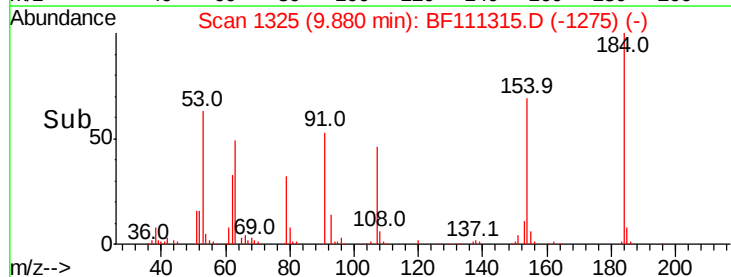
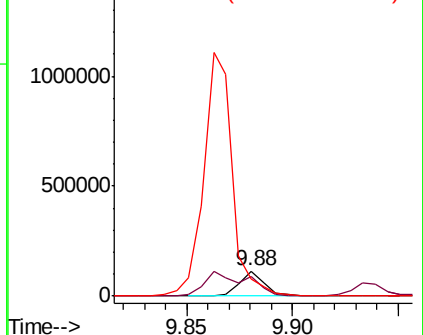


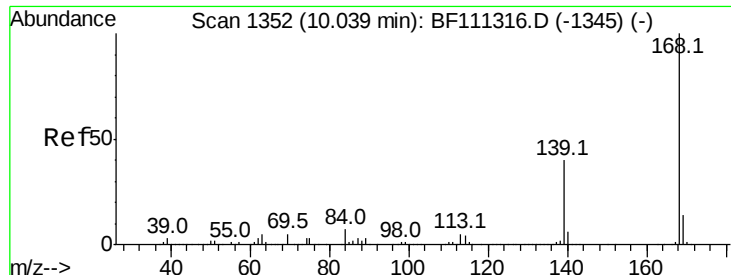
#54
2,4-Dinitrophenol
Concen: 22.235 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:184 Resp: 96565
Ion Ratio Lower Upper
184 100
63 77.9 62.3 93.5
154 69.7 56.2 84.2



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

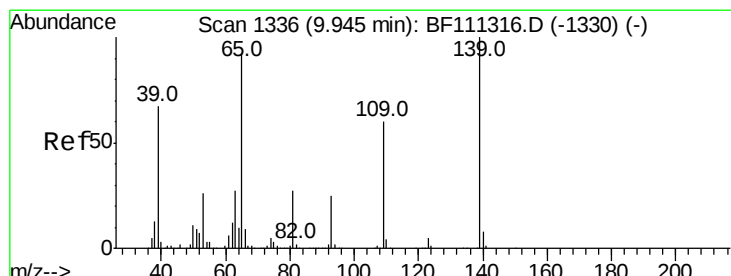
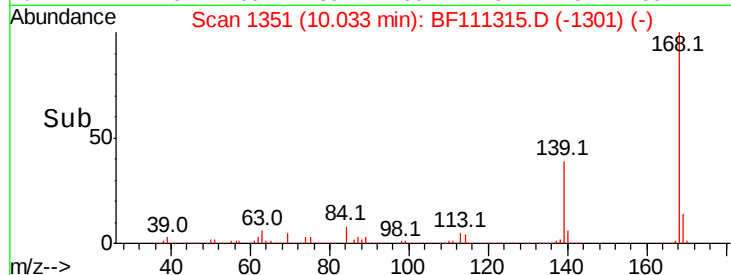
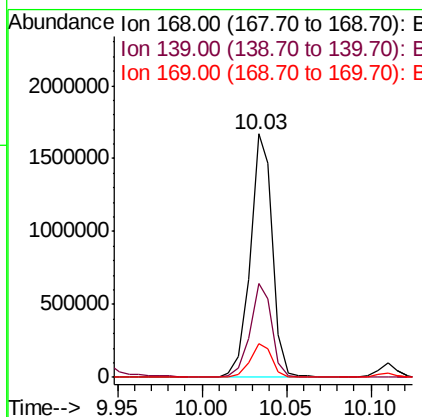
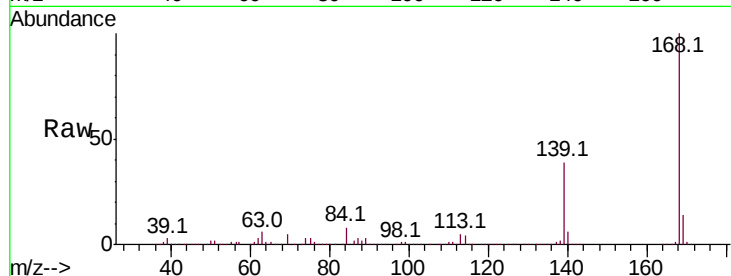




#55
Dibenzenofuran
Concen: 28.042 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

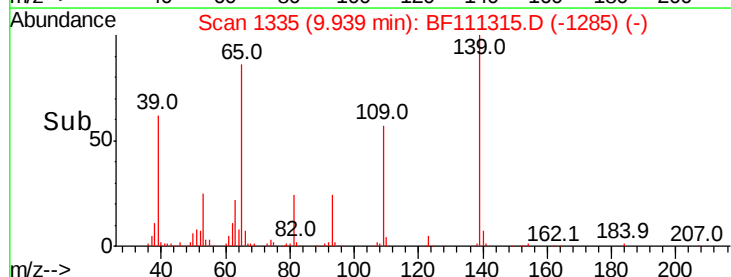
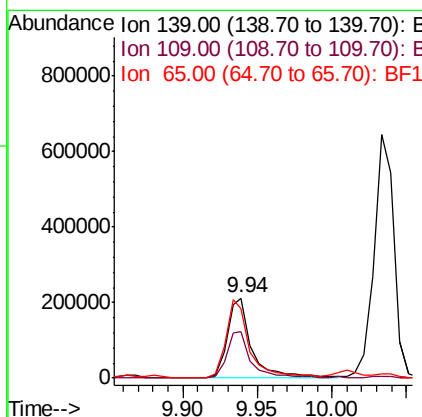
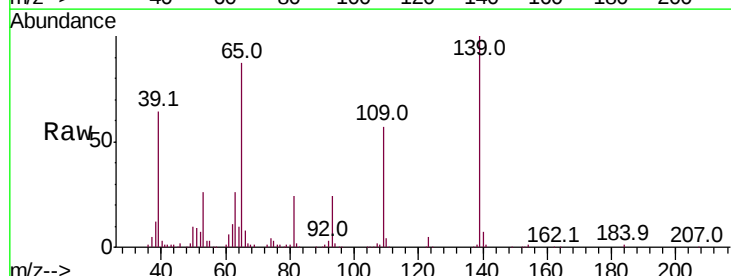
Instrument :
BNA_F
ClientSampleId :

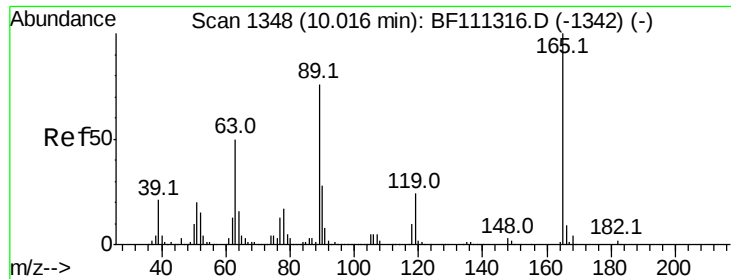
Tot Ion:168 Resp: 1533799
Ion Ratio Lower Upper
168 100
139 38.6 32.6 49.0
169 13.8 11.8 17.6



#56
4-Nitrophenol
Concen: 23.145 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:139 Resp: 244533
Ion Ratio Lower Upper
139 100
109 57.2 41.8 81.8
65 86.5 79.6 119.6

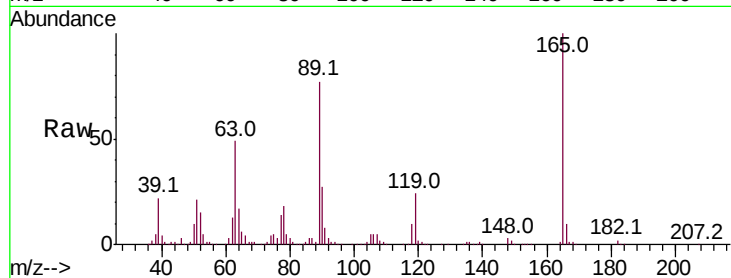




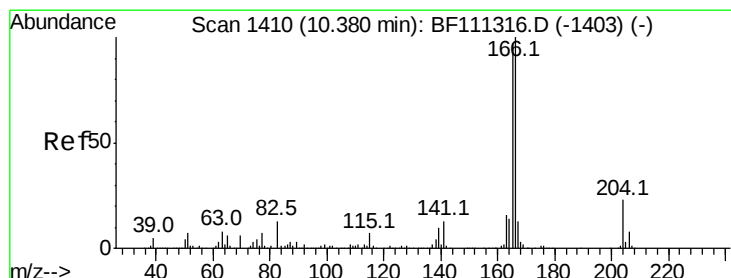
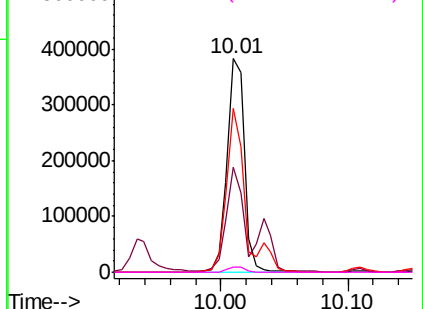
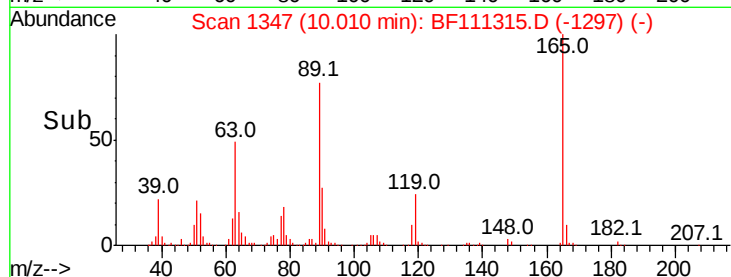
#57
2,4-Dinitrotoluene
Concen: 26.855 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 363846
Ion Ratio Lower Upper
165 100
63 49.3 34.6 52.0
89 76.9 56.2 84.4
182 2.4 1.8 2.6

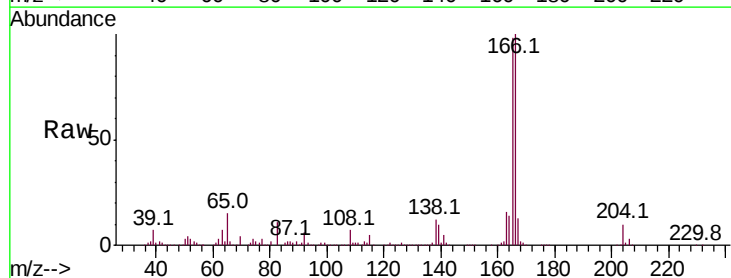


Abundance Ion 165.00 (164.70 to 165.70): E
600000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

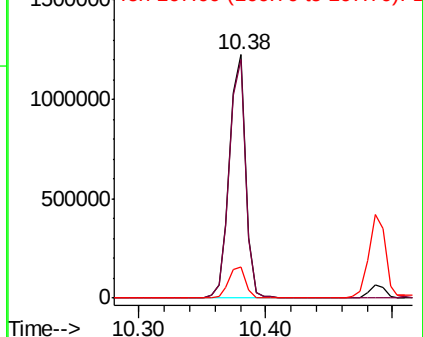
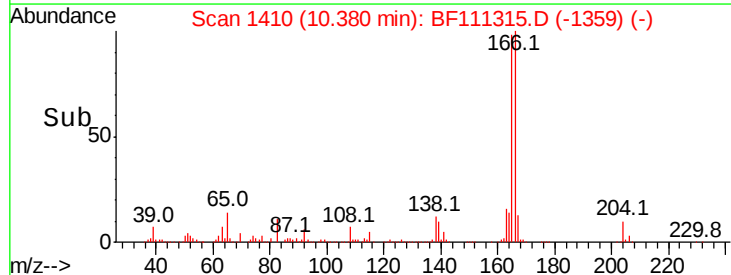


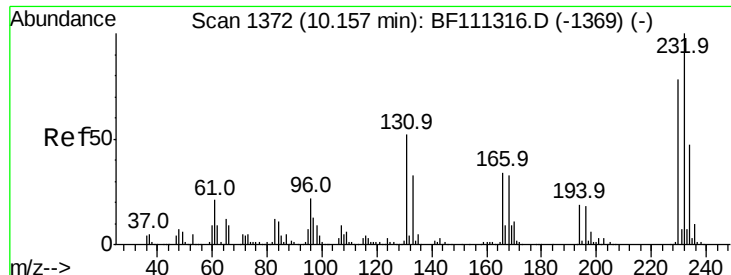
#58
Fluorene
Concen: 25.748 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:166 Resp: 1089822
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
1500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

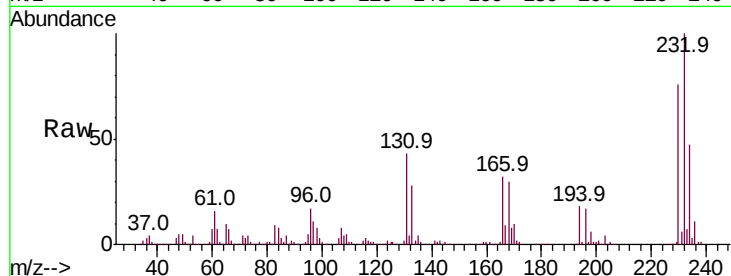




#59
2,3,4,6-Tetrachlorophenol
Concen: 26.180 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.4	40.9	61.3
130	2.6	2.0	3.0
166	33.9	26.8	40.2



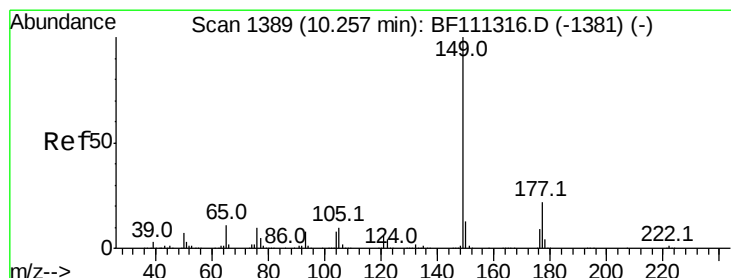
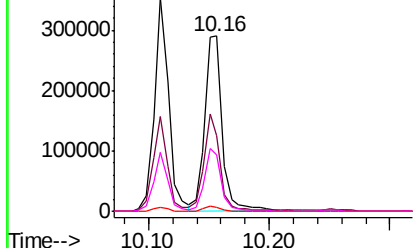
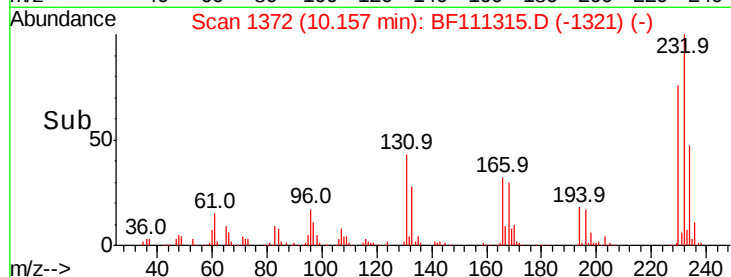
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

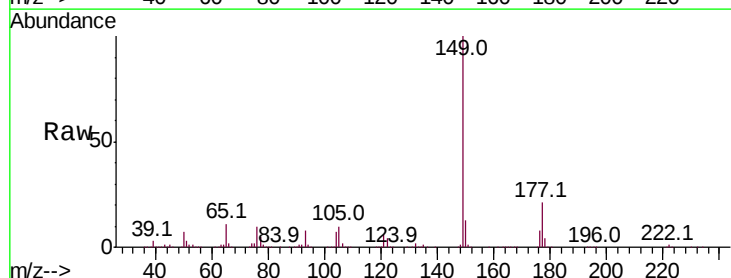
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 27.348 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.3	27.5
150	12.5	10.6	15.8

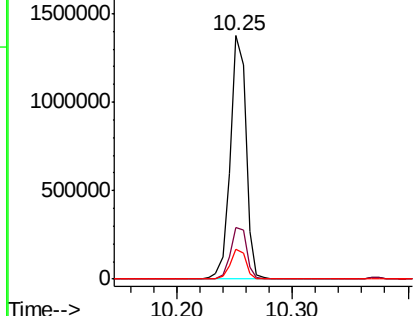
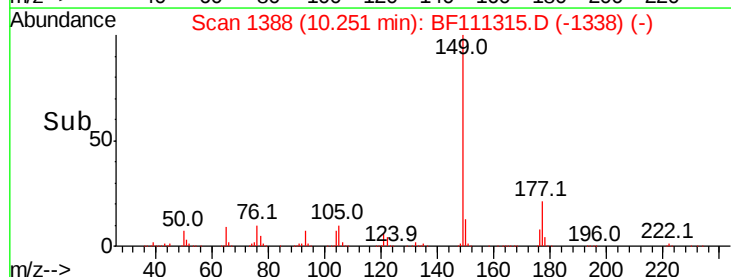


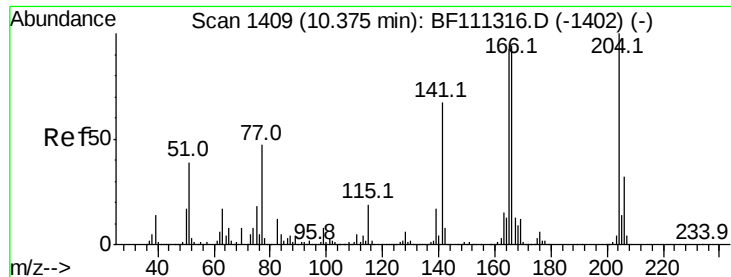
Abundance

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

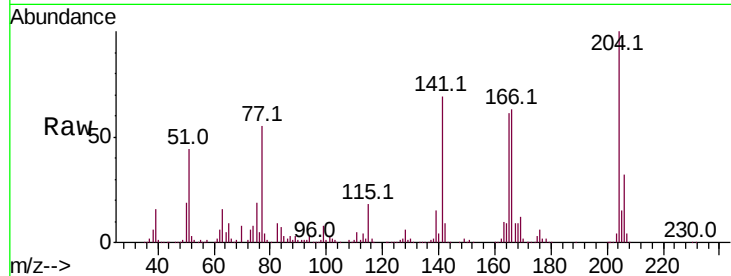




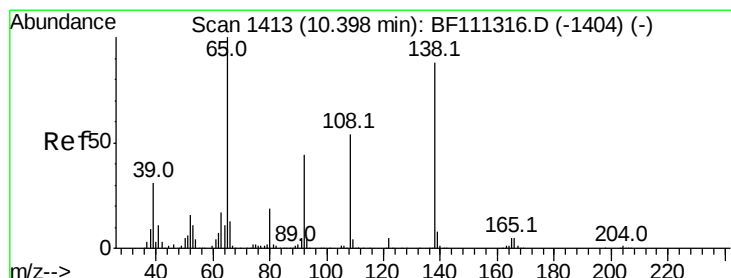
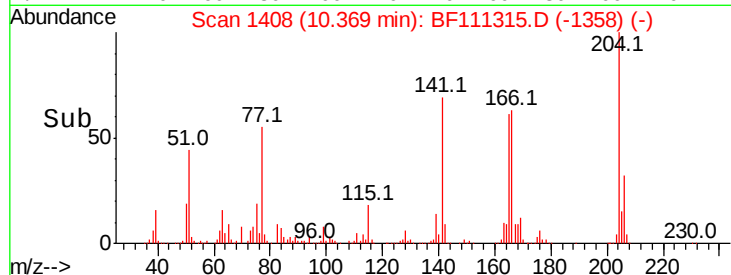
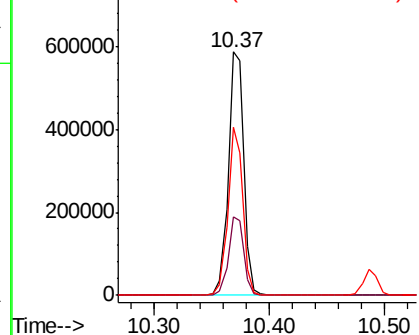
#61
4-Chlorophenyl-phenylether
Concen: 25.879 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 543863
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 69.1 52.6 78.8

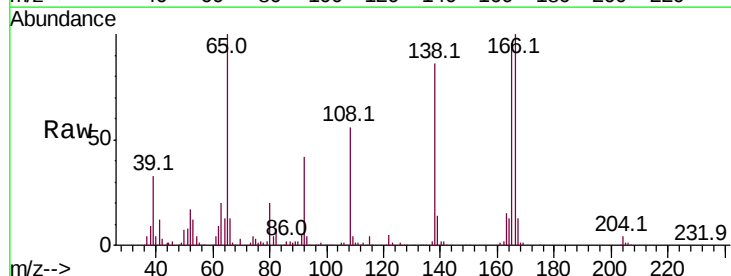


Abundance Ion 204.00 (203.70 to 204.70): E
800000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

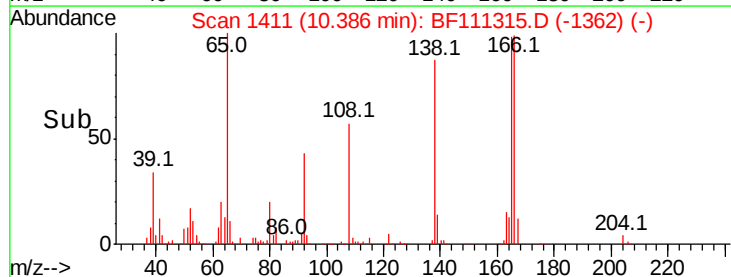
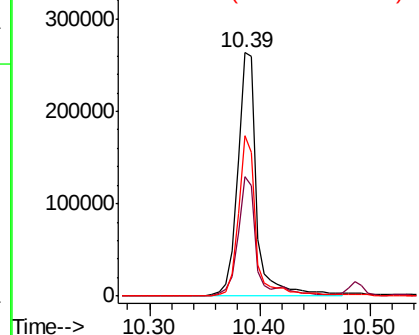


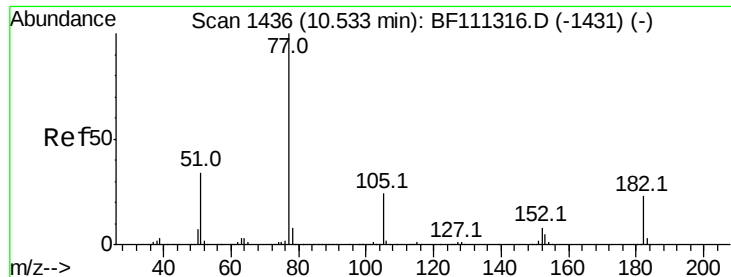
#62
4-Nitroaniline
Concen: 24.938 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:138 Resp: 320095
Ion Ratio Lower Upper
138 100
92 49.2 29.9 69.9
108 65.7 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
300000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 25.954 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1278451

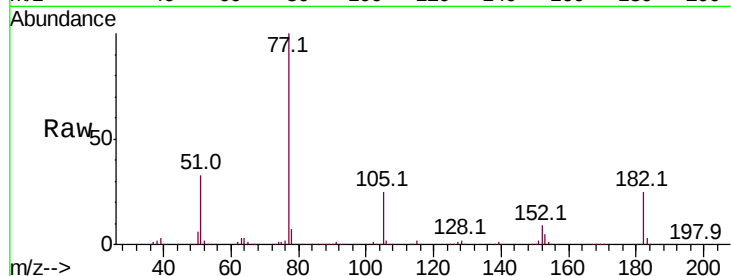
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.9	44.9
105	24.5	6.0	46.0
51	32.8	14.7	54.7

77 100

182 25.4 4.9 44.9

105 24.5 6.0 46.0

51 32.8 14.7 54.7

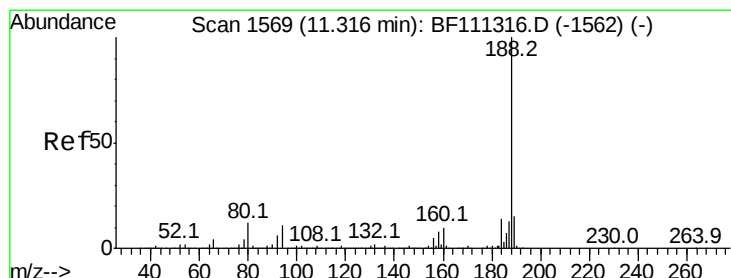
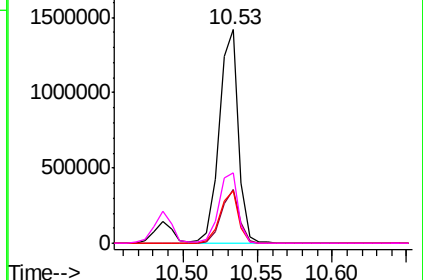
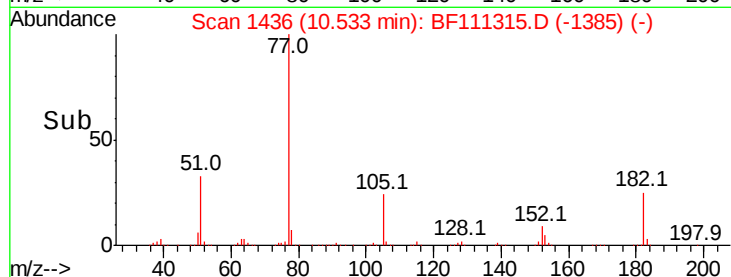


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

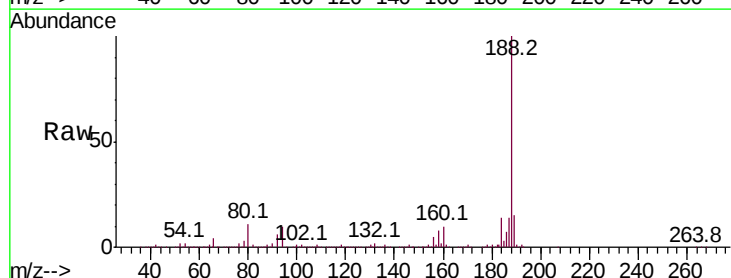
Tgt Ion: 188 Resp: 1144356

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.6	14.4
80	11.0	9.8	14.6

188 100

94 10.3 9.6 14.4

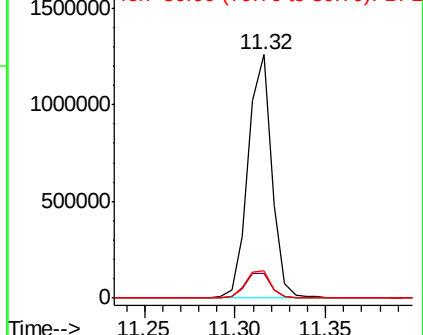
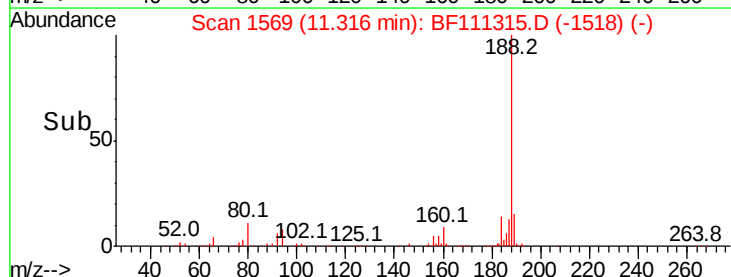
80 11.0 9.8 14.6

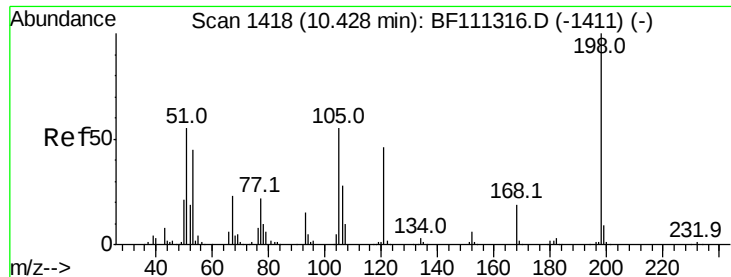


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 25.678 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

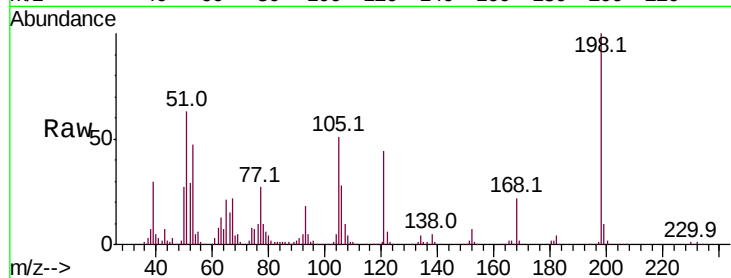
Tot Ion:198 Resp: 158554

Ion Ratio Lower Upper

198 100

51 63.1 48.0 88.0

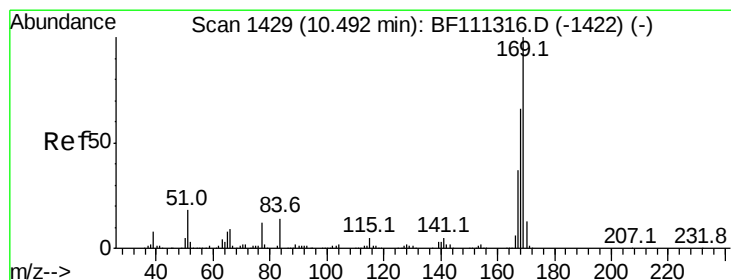
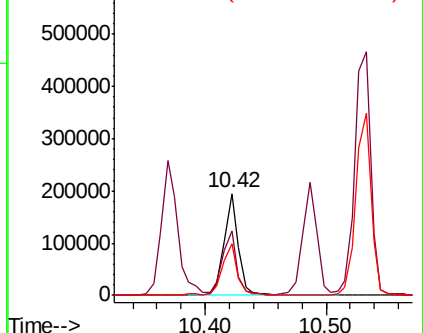
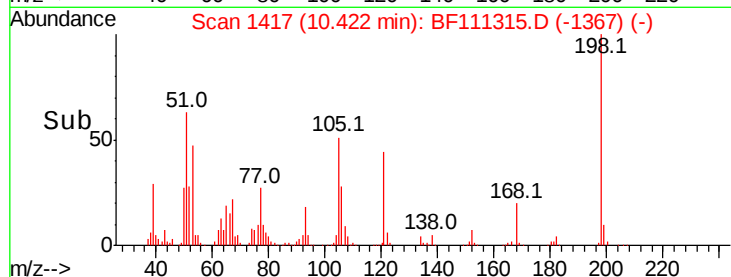
105 51.0 34.0 74.0



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: 27.443 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

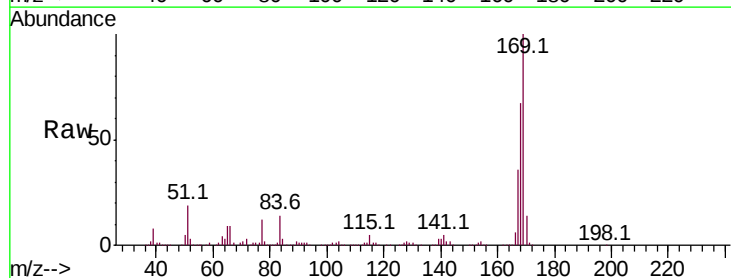
Tgt Ion:169 Resp: 1069027

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

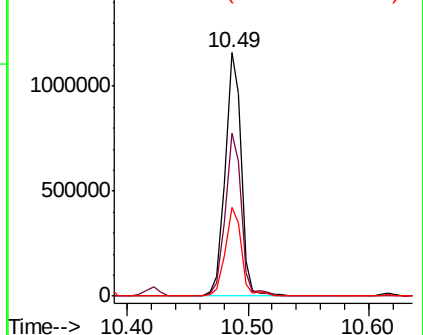
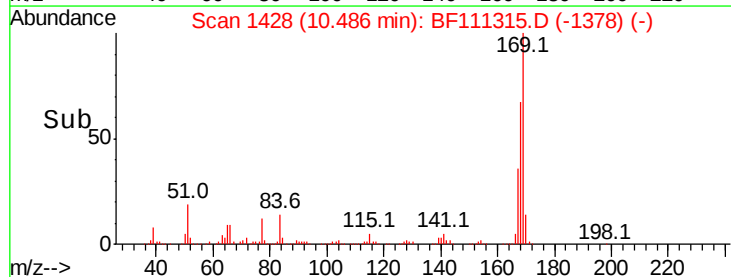
167 36.5 30.5 45.7

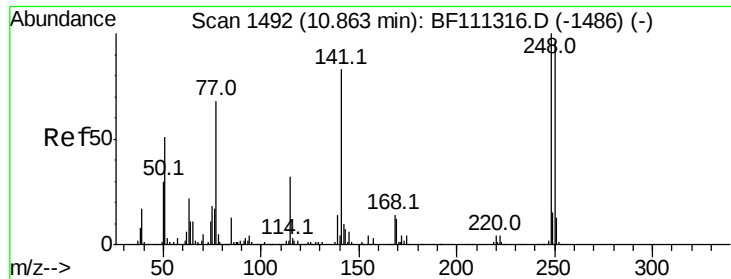


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

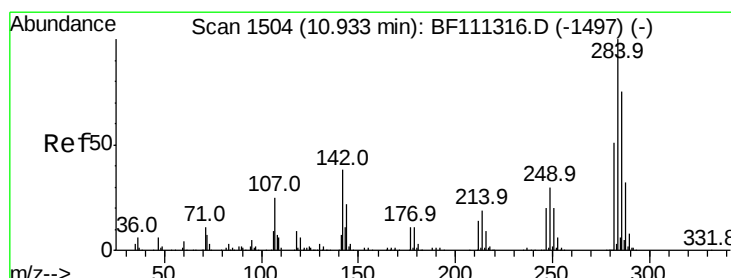
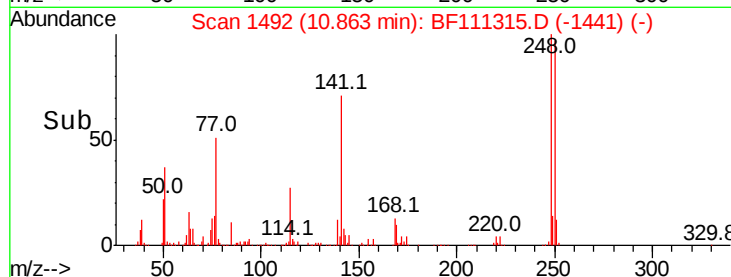
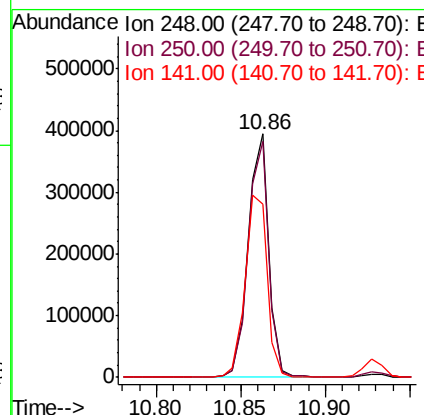
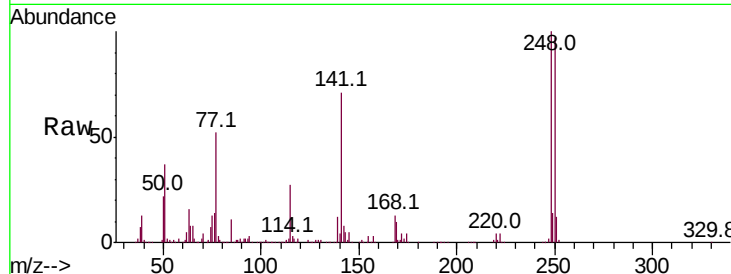




#67
4-Bromophenyl-phenylether
Concen: 26.846 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

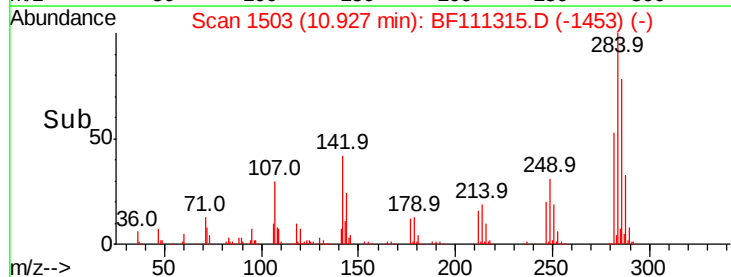
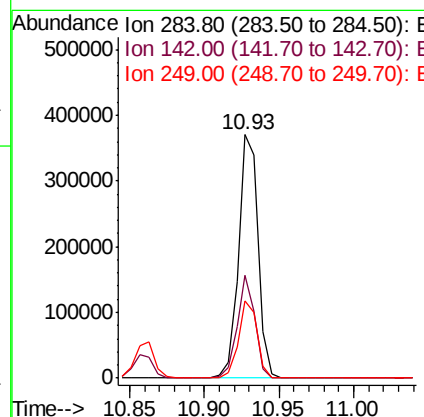
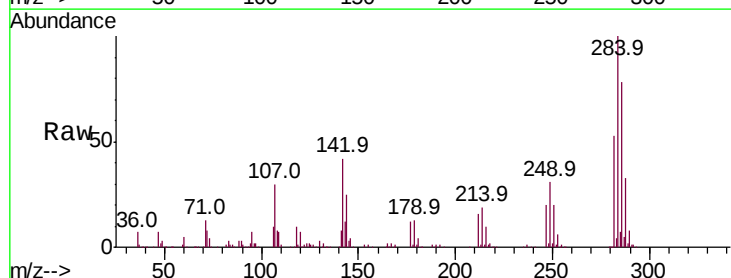
Instrument :
BNA_F
ClientSampled :

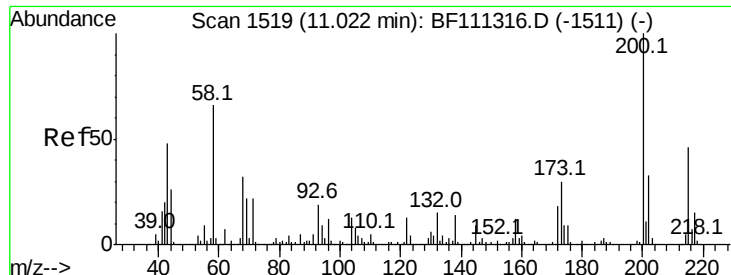
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.4
141	70.9	63.0	94.6



#68
Hexachlorobenzene
Concen: 26.824 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.0	27.4	41.2#
249	31.5	24.4	36.6

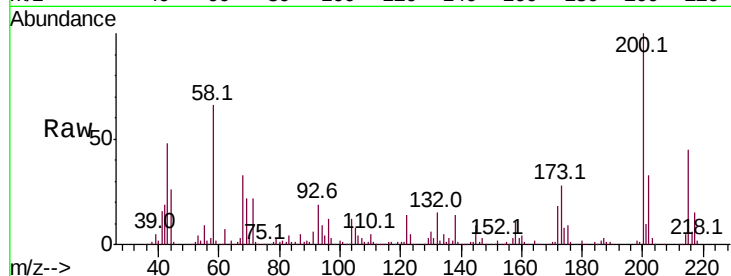




#69
Atrazine
Concen: 26.208 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	10.1	50.1
215	45.5	26.9	66.9

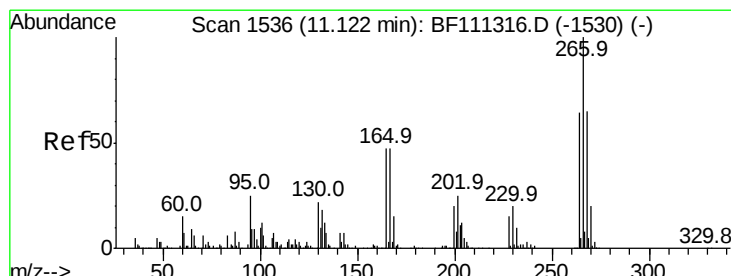
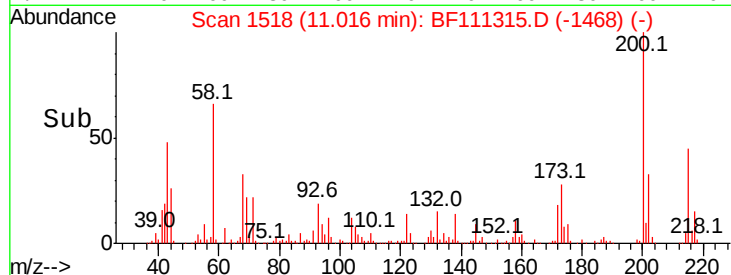
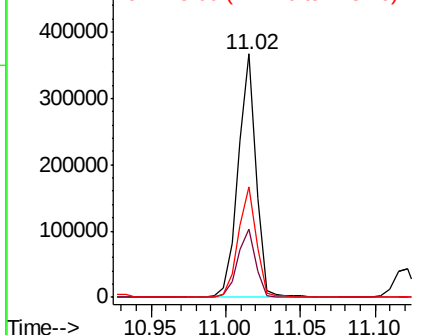


Abundance

Ion 200.00 (199.70 to 200.70): E

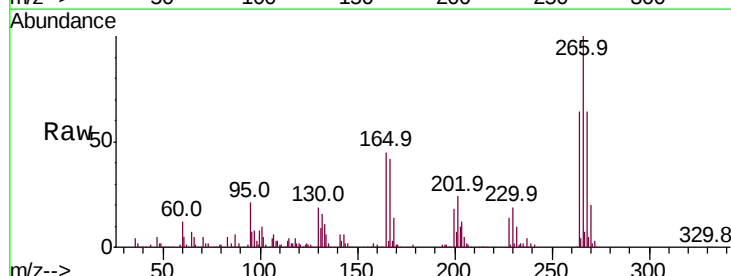
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 25.588 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	47.9	71.9
264	63.6	49.1	73.7

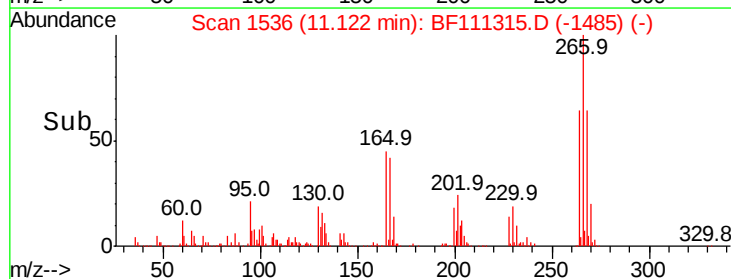
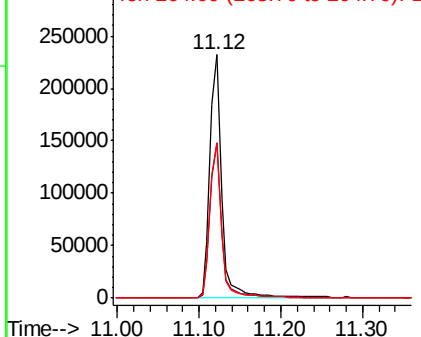


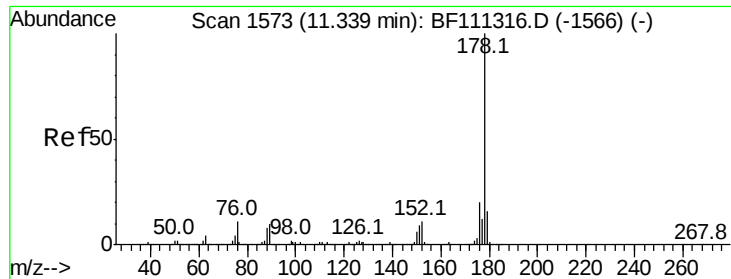
Abundance

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: 26.736 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

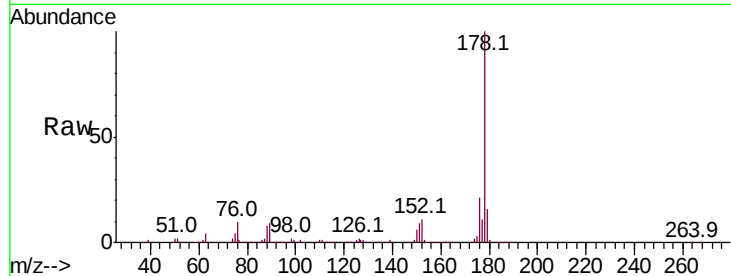
Tot Ion:178 Resp: 1543191

Ion Ratio Lower Upper

178 100

176 20.7 18.1 27.1

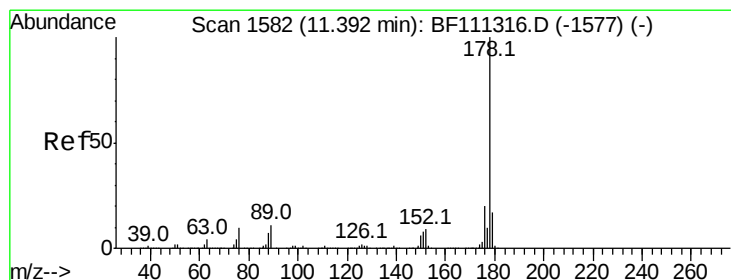
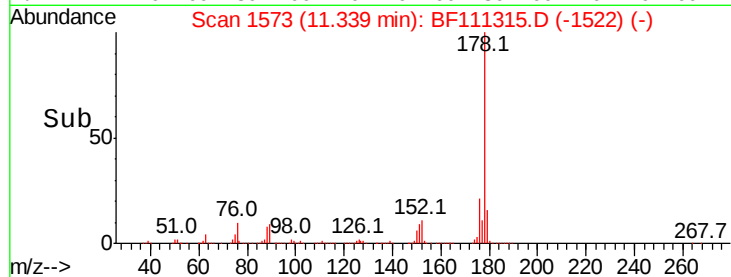
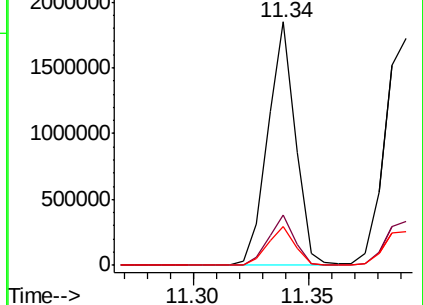
179 15.9 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 26.456 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

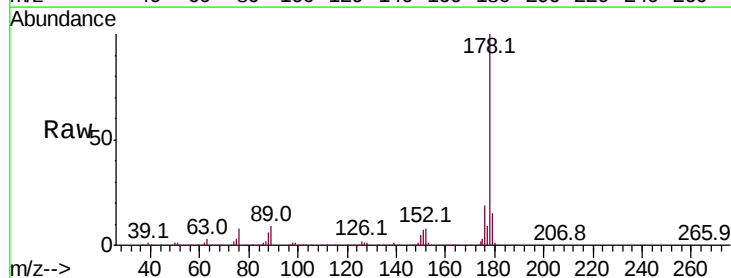
Tgt Ion:178 Resp: 1597604

Ion Ratio Lower Upper

178 100

176 19.1 17.2 25.8

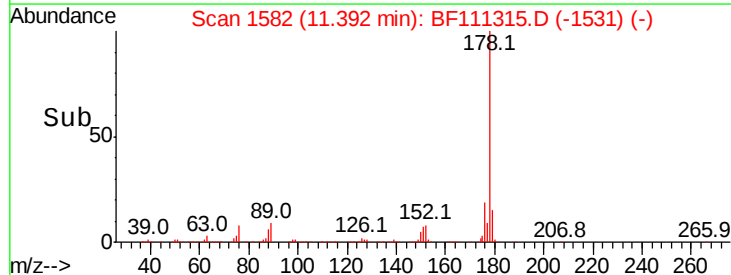
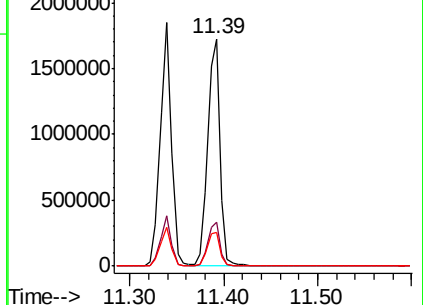
179 15.1 13.8 20.8

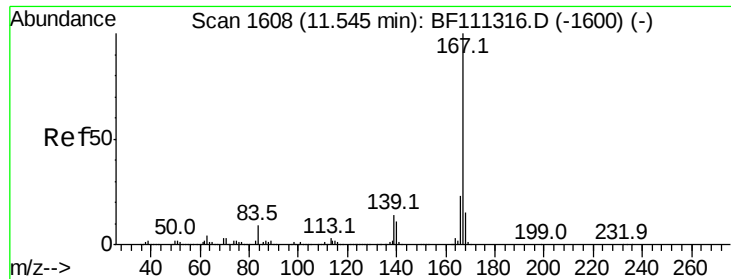


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



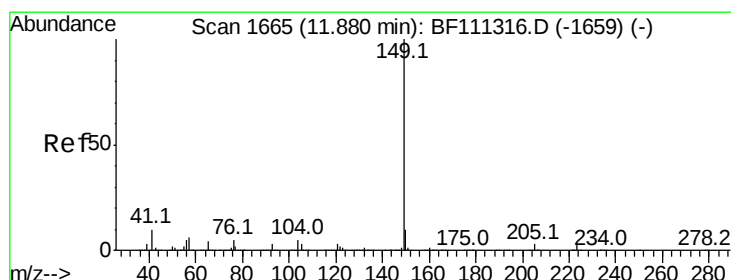
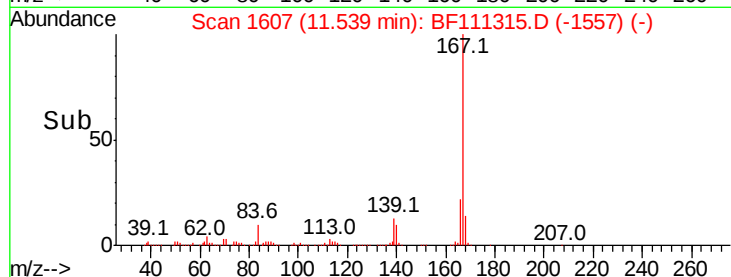
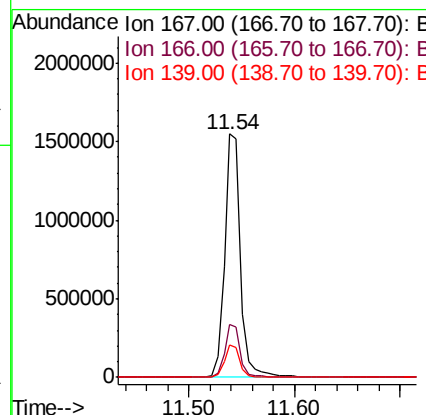
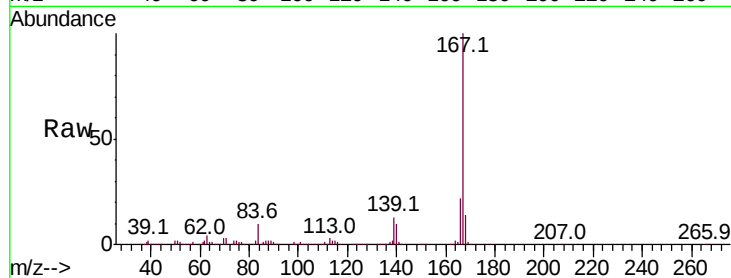


#73
 Carbazole
 Concen: 25.836 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1631397

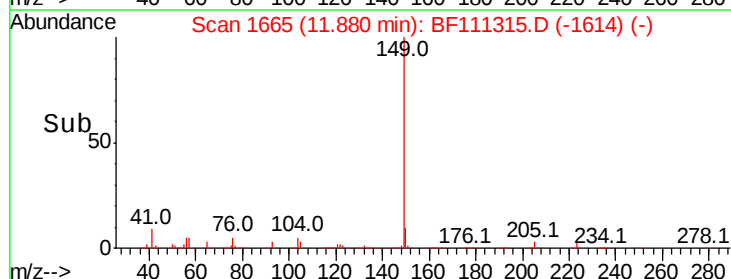
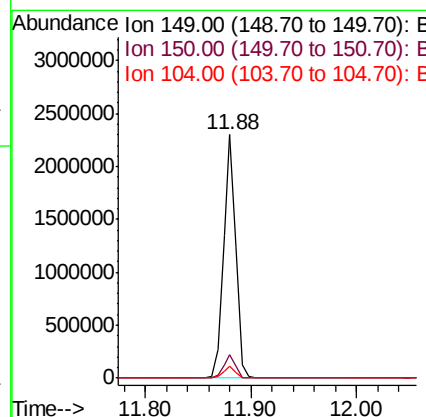
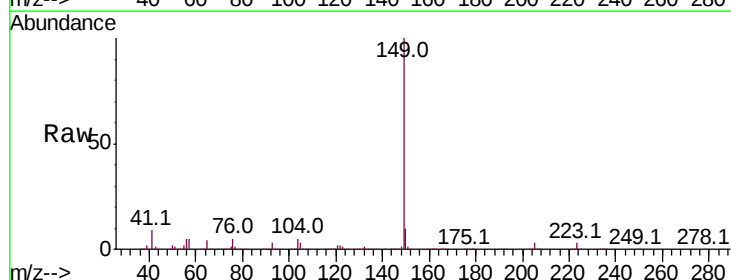
Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	13.5	11.9	17.9

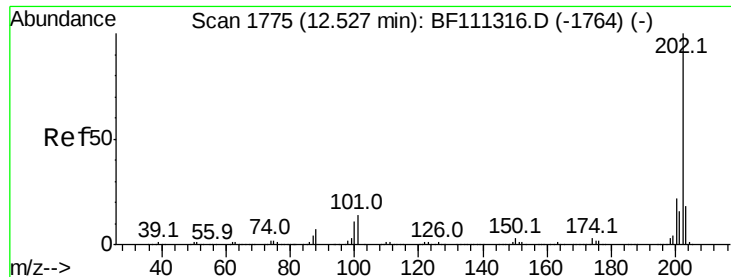


#74
 Di-n-butylphthalate
 Concen: 29.171 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Tgt Ion:149 Resp: 1893228

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.8	13.2
104	4.8	4.5	6.7

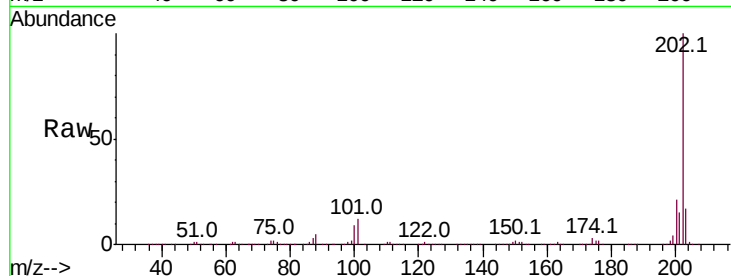




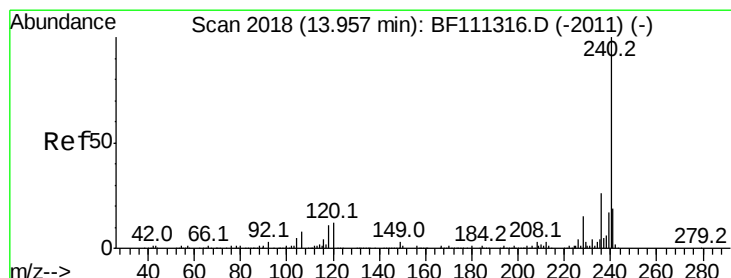
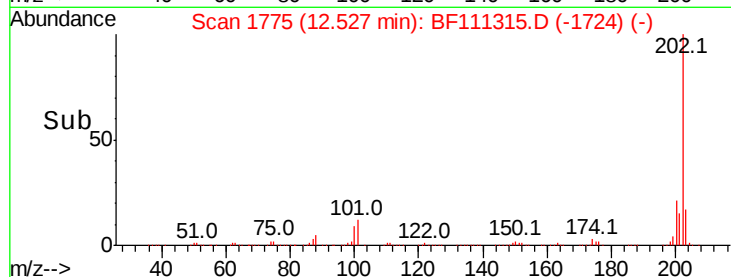
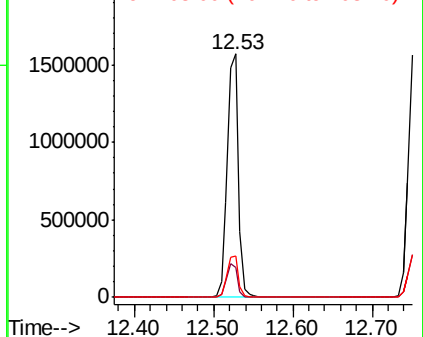
#75
 Fluoranthene
 Concen: 28.801 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1518600
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 33.8
 203 17.0 0.0 38.6

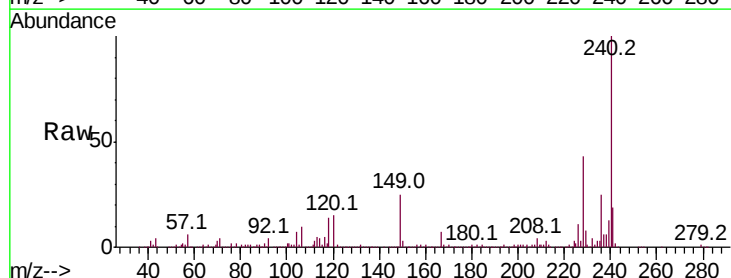


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

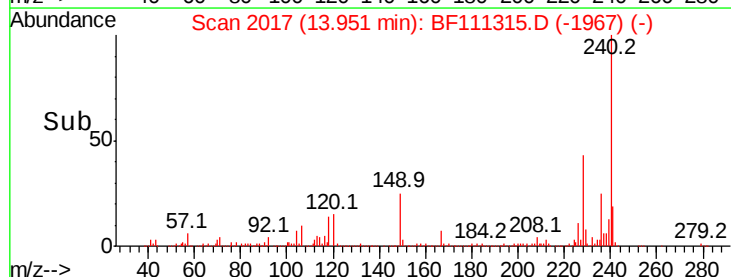
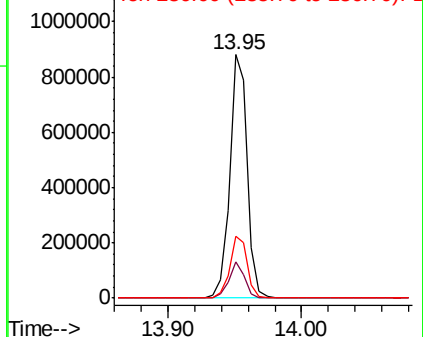


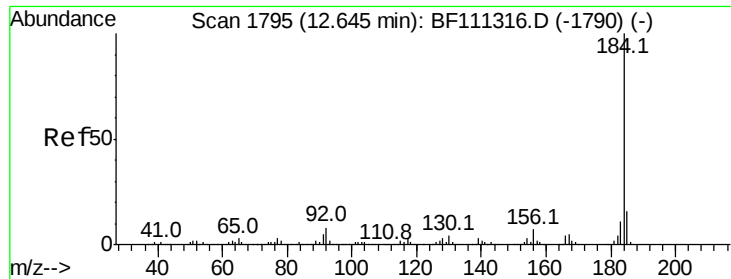
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111315.D
 Acq: 12 Dec 2018 10:42

Tgt Ion:240 Resp: 806611
 Ion Ratio Lower Upper
 240 100
 120 15.1 12.2 18.2
 236 25.5 20.2 30.2



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: 16.263 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

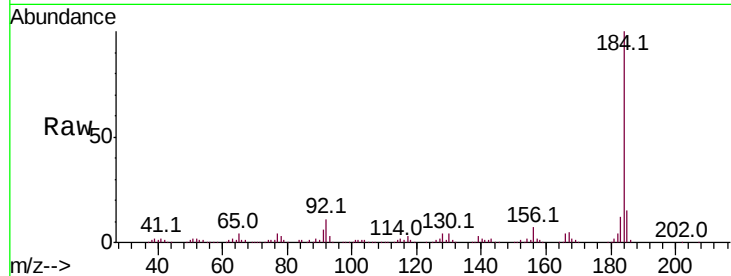
Tot Ion:184 Resp: 389511

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

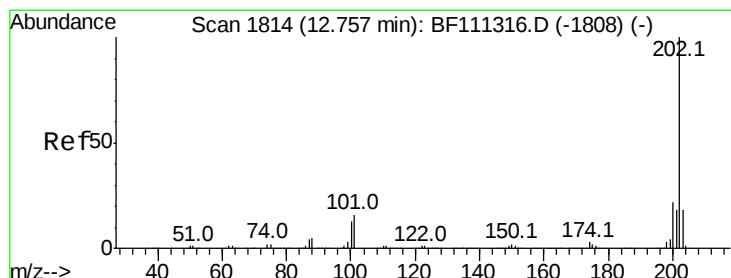
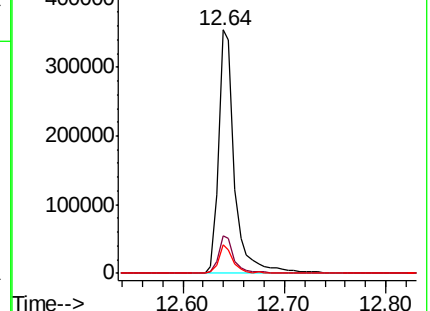
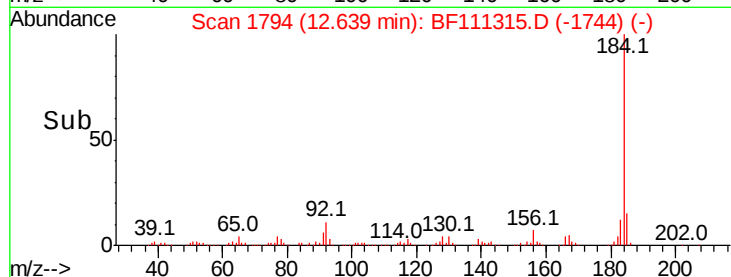
183 11.6 9.3 13.9



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: 27.110 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

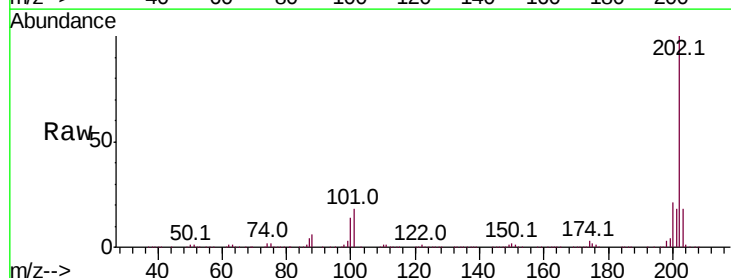
Tgt Ion:202 Resp: 1562660

Ion Ratio Lower Upper

202 100

200 21.4 19.0 28.4

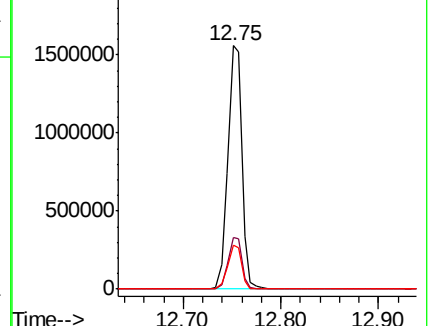
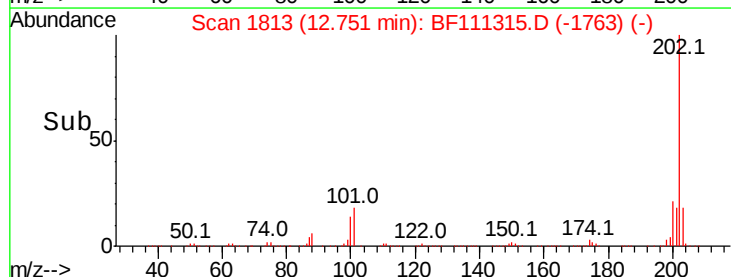
203 17.9 15.2 22.8

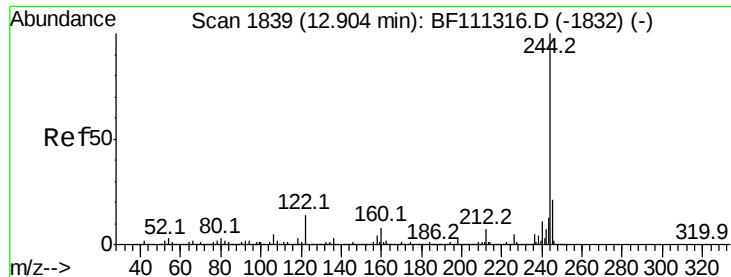


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 55.202 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampled :

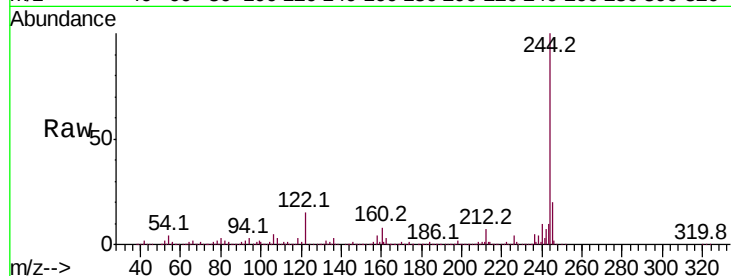
Tot Ion:244 Resp: 1856318

Ion Ratio Lower Upper

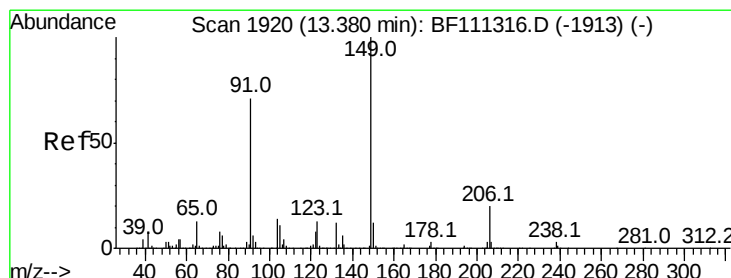
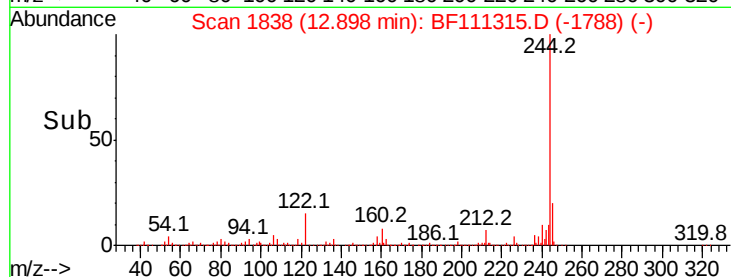
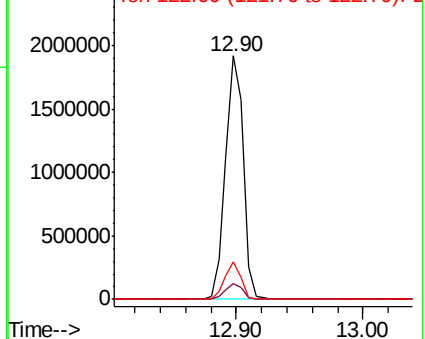
244 100

212 6.6 5.7 8.5

122 15.2 13.1 19.7



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: 24.865 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

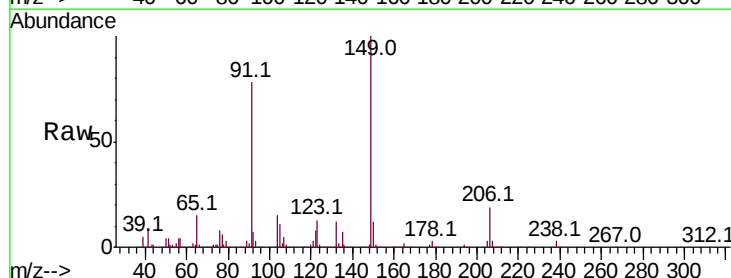
Tgt Ion:149 Resp: 748599

Ion Ratio Lower Upper

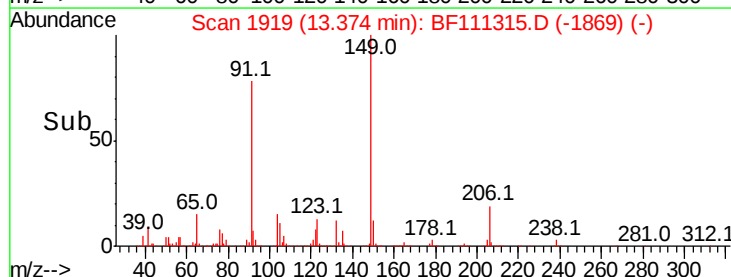
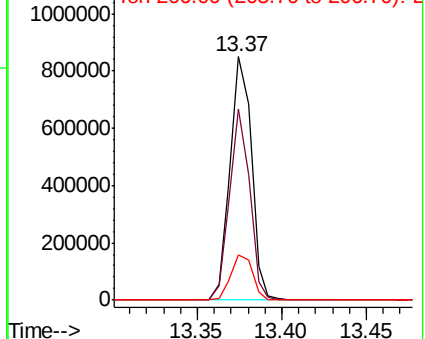
149 100

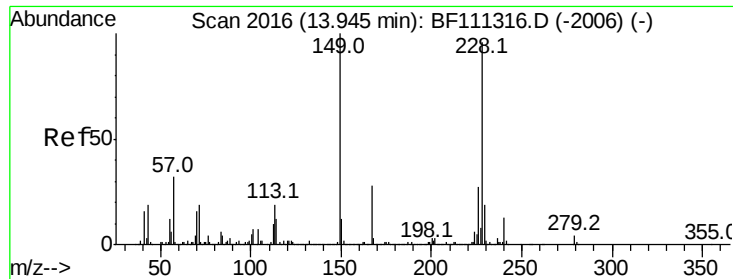
91 78.4 63.8 95.6

206 18.6 15.1 22.7



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: 25.946 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

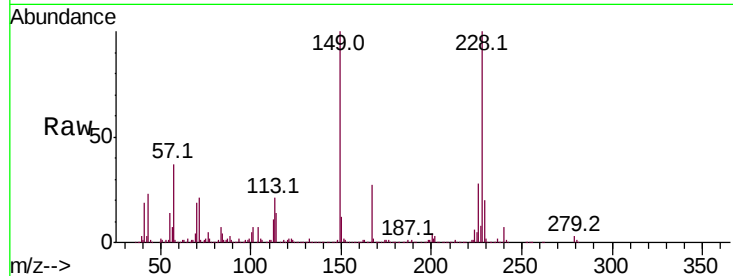
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1167563

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	20.1	16.3	24.5

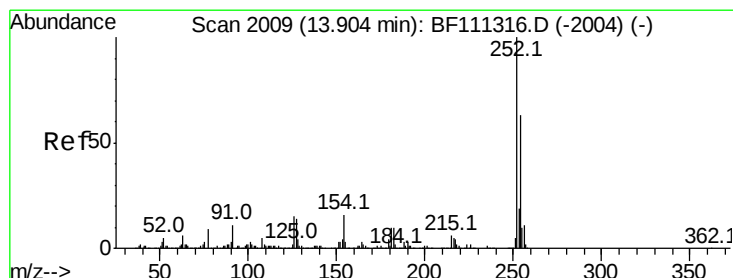
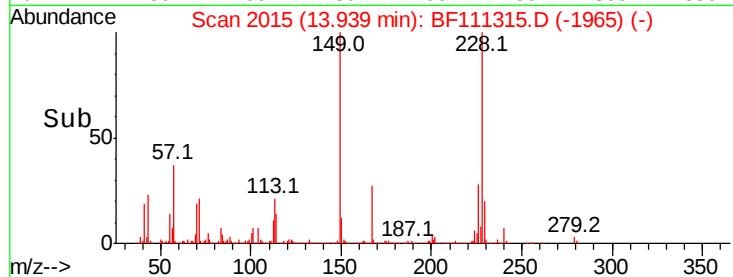
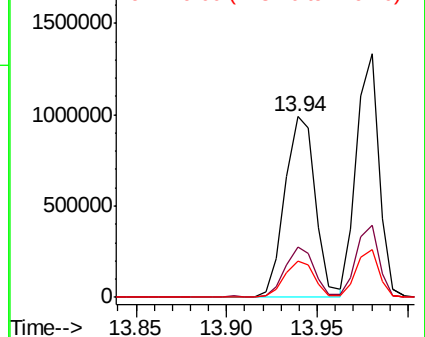


Abundance

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: 25.057 ng

RT: 13.90 min Scan# 2009

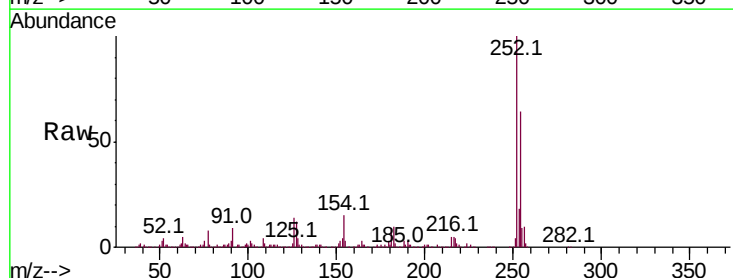
Delta R.T. -0.00 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Tgt Ion:252 Resp: 462162

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.7	79.1
126	13.6	11.1	16.7

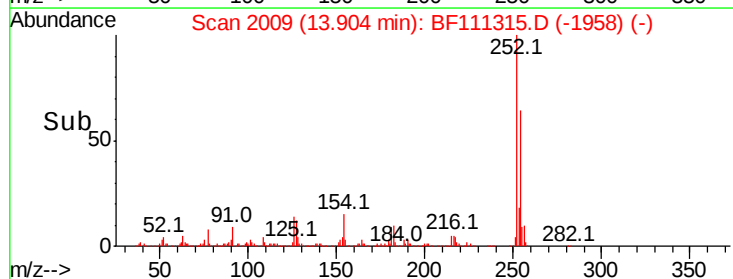
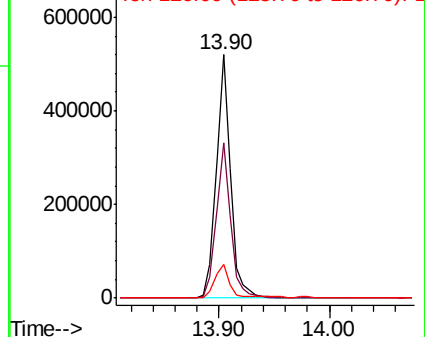


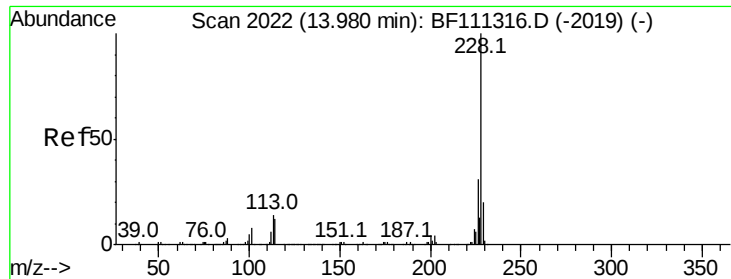
Abundance

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

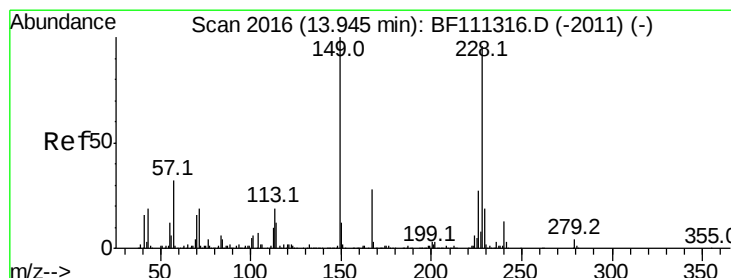
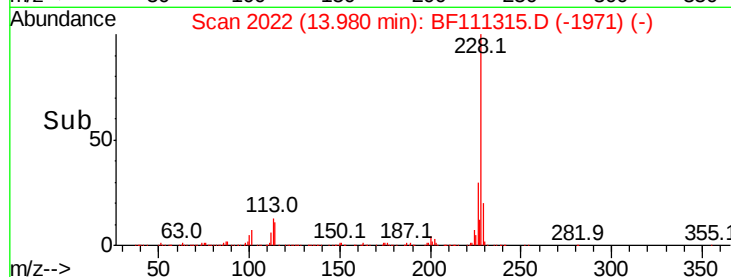
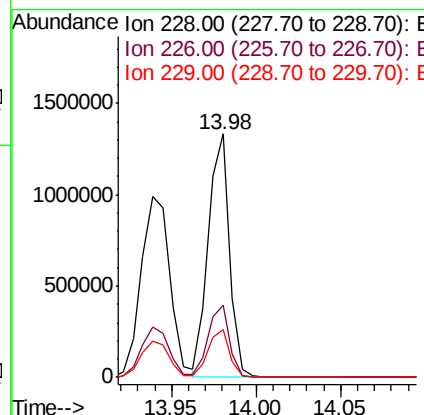
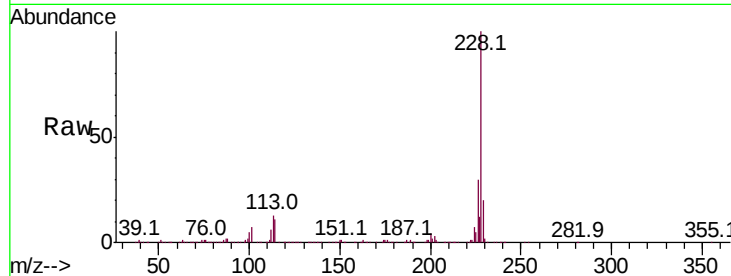




#83
Chrysene
Concen: 25.159 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

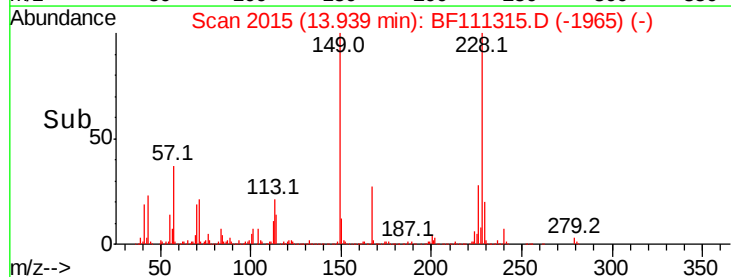
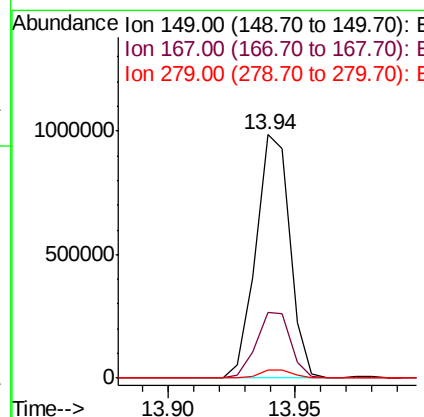
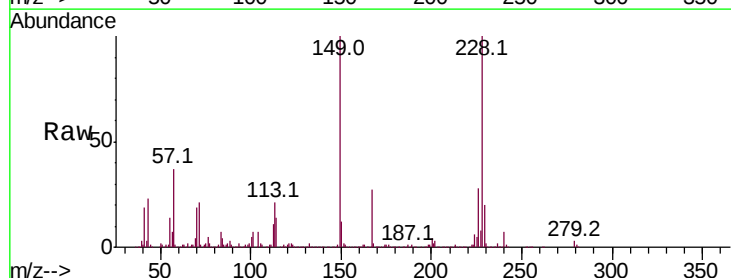
Instrument :
BNA_F
ClientSampleId :

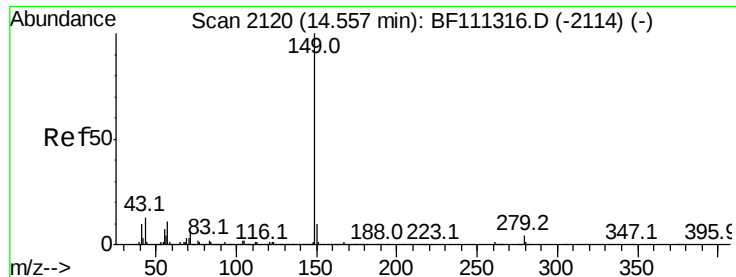
Tot Ion:228 Resp: 1167168
Ion Ratio Lower Upper
228 100
226 29.8 25.3 37.9
229 19.7 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.821 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:149 Resp: 923735
Ion Ratio Lower Upper
149 100
167 26.9 22.5 33.7
279 3.1 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 25.906 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

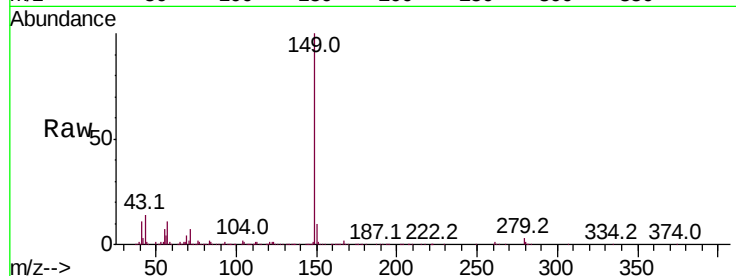
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1553412

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.9	10.9	16.3

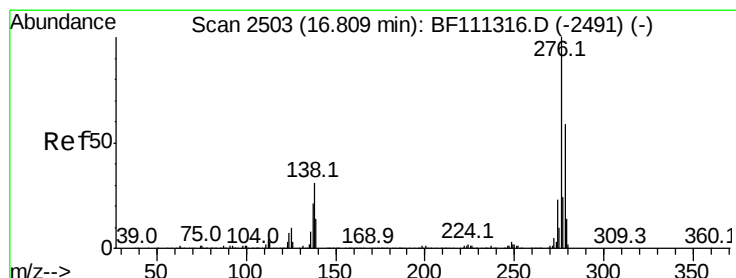
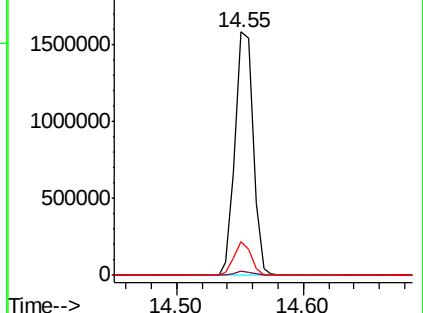
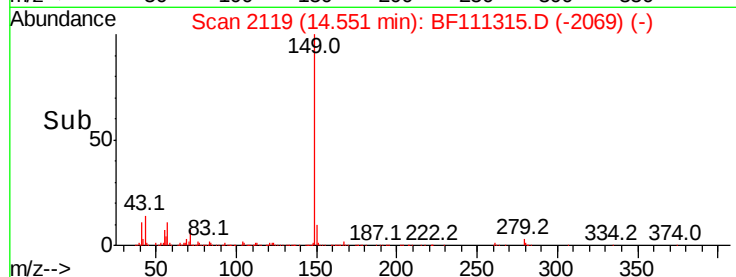


Abundance

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: 21.548 ng

RT: 16.80 min Scan# 2501

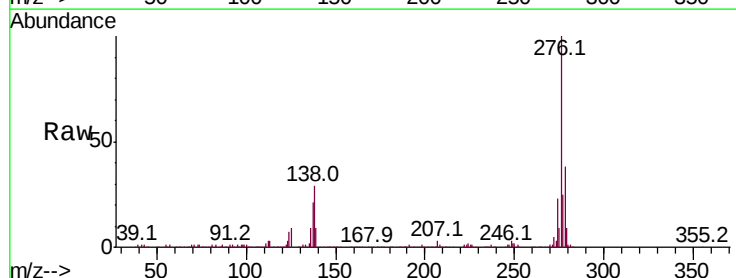
Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Tgt Ion:276 Resp: 806938

Ion	Ratio	Lower	Upper
276	100		
138	32.5	27.8	41.6
277	25.3	20.1	30.1

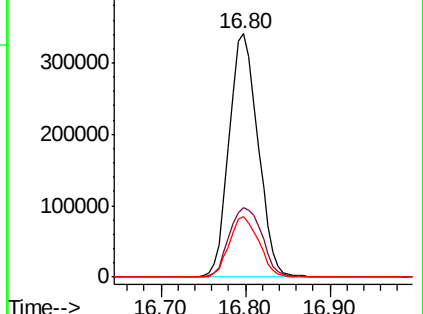
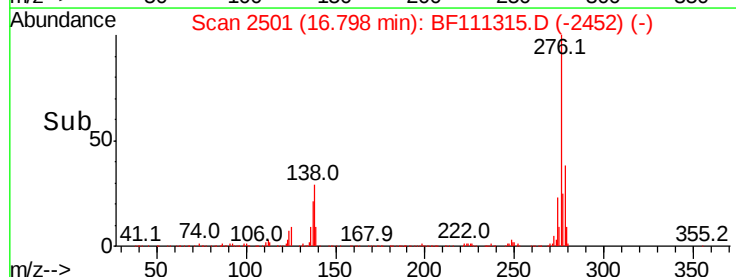


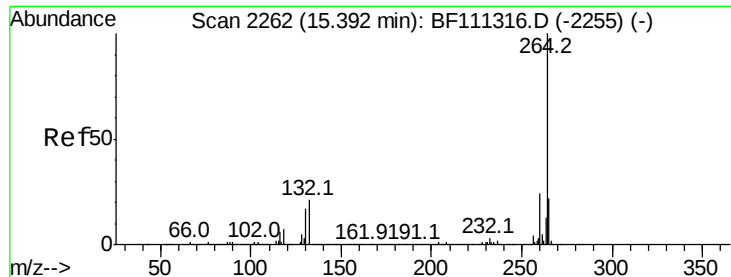
Abundance

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: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

Instrument :

BNA_F

ClientSampleId :

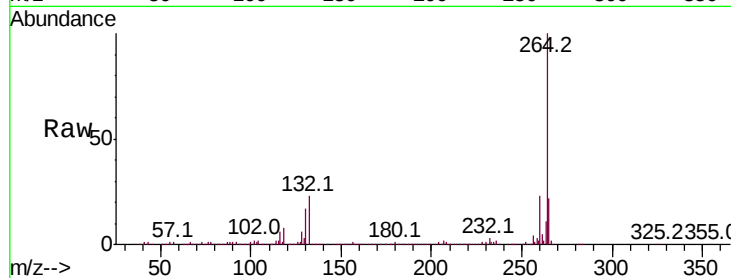
Tot Ion:264 Resp: 626810

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

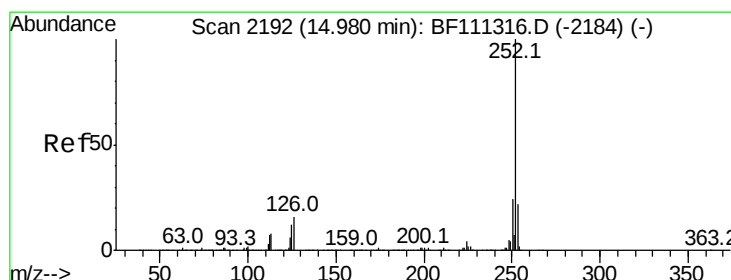
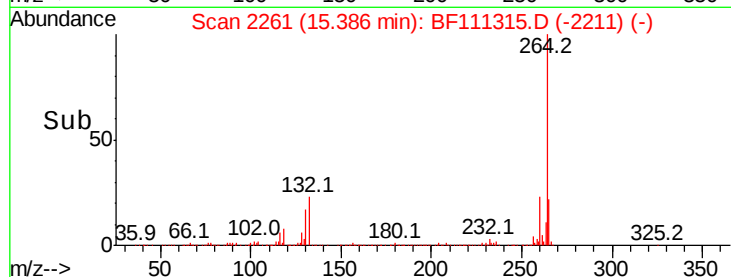
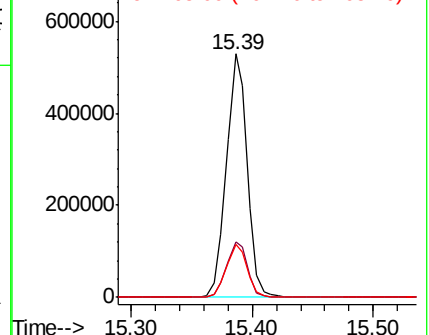
265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 27.187 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF111315.D

Acq: 12 Dec 2018 10:42

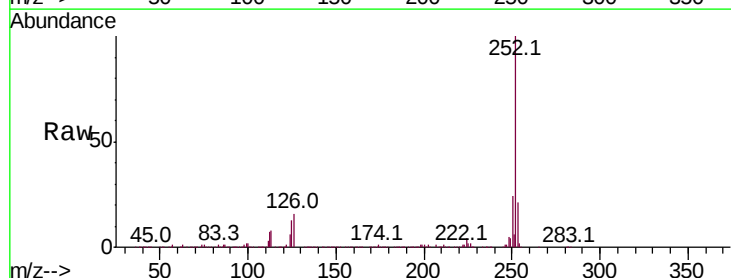
Tgt Ion:252 Resp: 942408

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.2

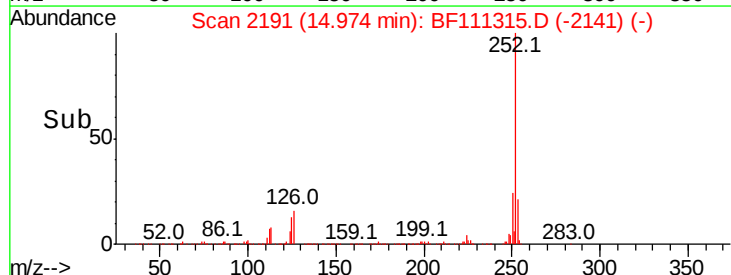
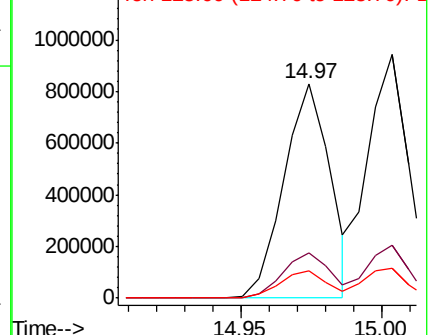
125 12.8 10.4 15.6

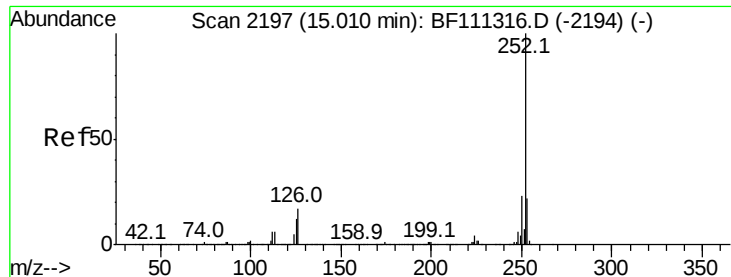


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

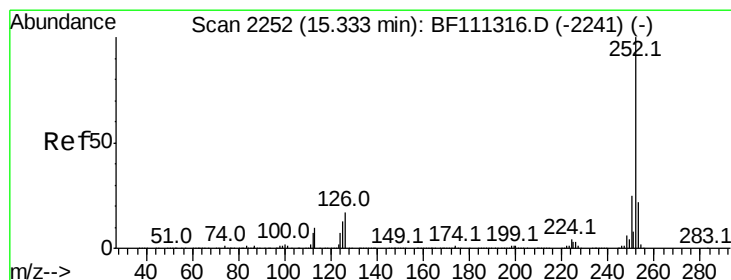
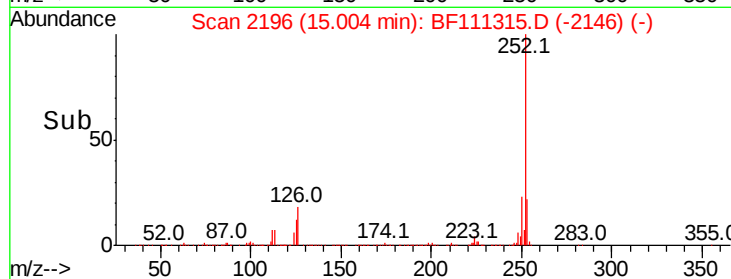
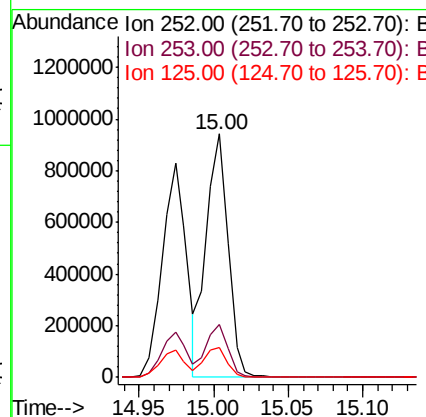
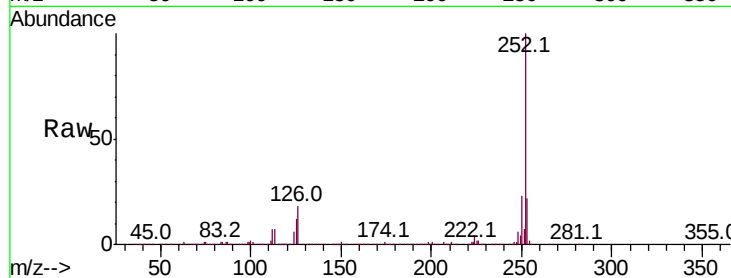




#89
Benzo(k)fluoranthene
Concen: 29.120 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

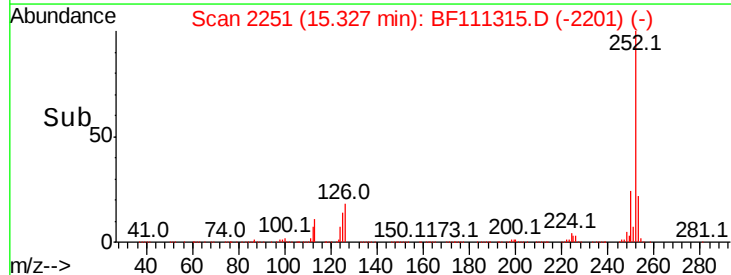
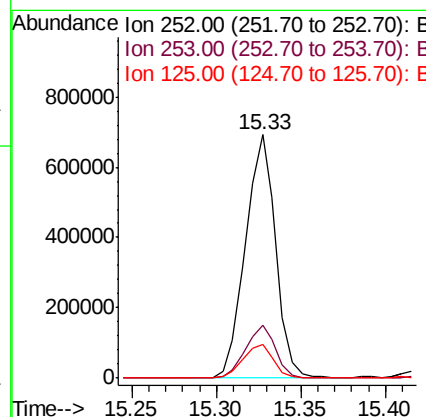
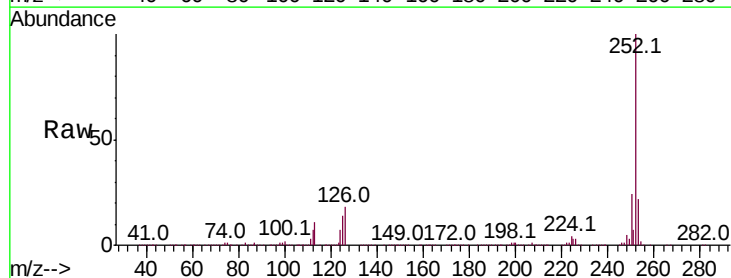
Instrument :
BNA_F
ClientSampleId :

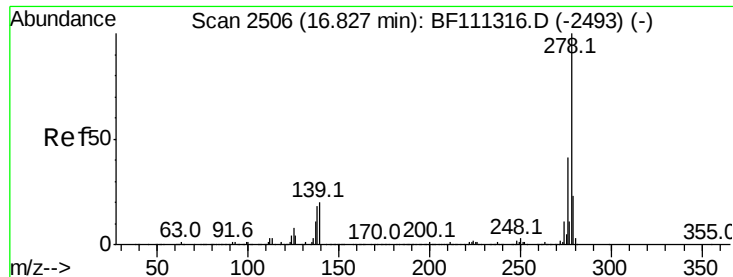
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.2	9.8	14.8



#90
Benzo(a)pyrene
Concen: 27.035 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	14.1	12.3	18.5

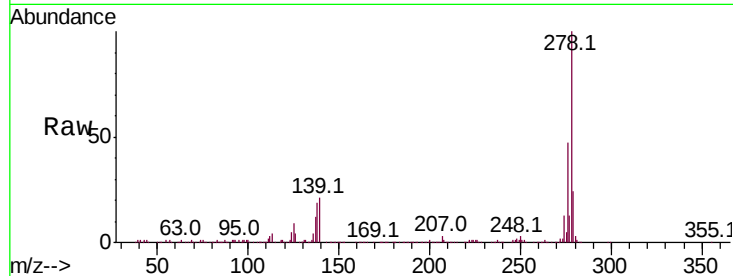




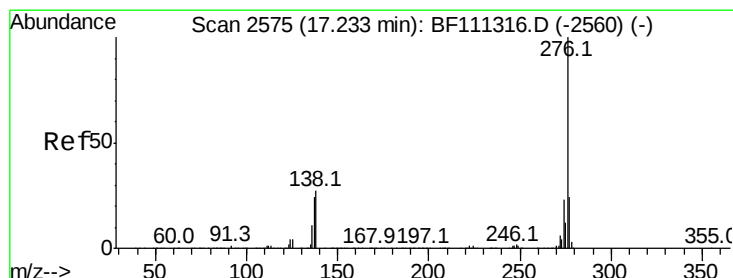
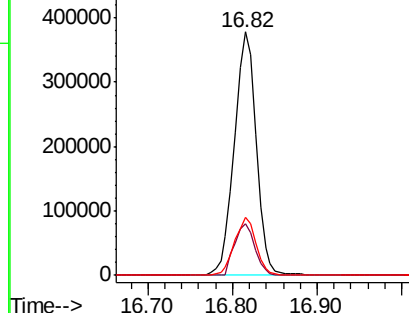
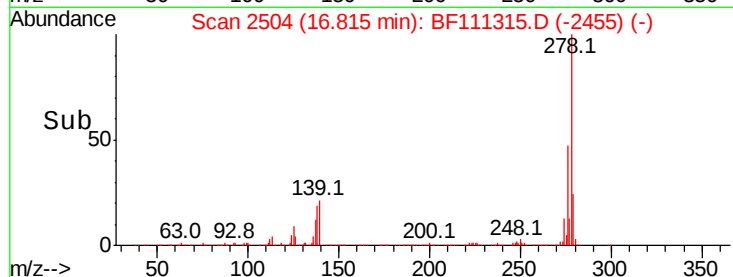
#91
Dibenzo(a,h)anthracene
Concen: 26.891 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 674224
Ion Ratio Lower Upper
278 100
139 21.3 18.2 27.4
279 24.0 19.0 28.6

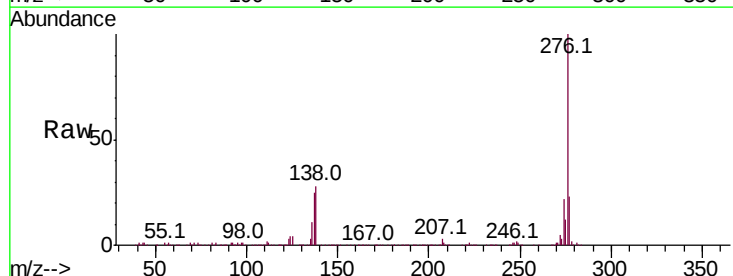


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 26.597 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF111315.D
Acq: 12 Dec 2018 10:42

Tgt Ion:276 Resp: 667539
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 27.5 24.9 37.3



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

