

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111313.D
 Acq On : 12 Dec 2018 9:47
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 11:43:05 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	323600	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1350079	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	655206	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1173447	20.00	ng	0.00
76) Chrysene-d12	13.95	240	941309	20.00	ng	0.00
87) Perylene-d12	15.39	264	832842	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	96716	4.72	ng	0.00
7) Phenol-d6	6.42	99	139353	5.47	ng	-0.02
23) Nitrobenzene-d5	7.35	82	122302	5.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.61	330	31271	5.39	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	258619	6.23	ng	0.00
79) Terphenyl-d14	12.89	244	230959	5.89	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	26166	2.489	ng	91
3) Pyridine	3.29	79	41134	1.473	ng	95
4) n-Nitrosodimethylamine	3.18	42	22076	1.854	ng	# 79
6) Aniline	6.45	93	64385	1.896	ng	96
8) 2-Chlorophenol	6.57	128	63352	2.720	ng	93
9) Benzaldehyde	6.33	77	50002	3.164	ng	96
10) Phenol	6.43	94	77261	2.594	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	60085	2.609	ng	98
12) 1,3-Dichlorobenzene	6.73	146	67541	2.699	ng	96
13) 1,4-Dichlorobenzene	6.81	146	68996	2.730	ng	97
14) 1,2-Dichlorobenzene	6.96	146	65982	2.799	ng	95
15) Benzyl Alcohol	6.93	79	50573	2.509	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	116423	2.700	ng	98
17) 2-Methylphenol	7.04	107	48310	2.540	ng	99
18) Hexachloroethane	7.30	117	24476	2.544	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	46668	2.735	ng	97
20) 3+4-Methylphenols	7.19	107	64509	2.852	ng	# 78
22) Acetophenone	7.19	105	90176	2.919	ng	# 87
24) Nitrobenzene	7.36	77	64244	2.564	ng	99
25) Isophorone	7.60	82	106329	2.594	ng	97
26) 2-Nitrophenol	7.69	139	26061	2.094	ng	97
27) 2,4-Dimethylphenol	7.73	122	47090	2.448	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	74624	2.629	ng	97
29) 2,4-Dichlorophenol	7.93	162	48692	2.476	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	53516	2.762	ng	96
31) Naphthalene	8.09	128	182199	3.092	ng	96
32) Benzoic acid	7.77	122	25863	1.626	ng	92
33) 4-Chloroaniline	8.14	127	58075	2.052	ng	96
34) Hexachlorobutadiene	8.22	225	29842	2.791	ng	91
35) Caprolactam	8.46	113	16716	2.399	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	54091	2.686	ng	93
37) 2-Methylnaphthalene	8.79	142	112812	2.884	ng	99
38) 1-Methylnaphthalene	8.89	142	112383	2.934	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	50013	2.743	ng	98

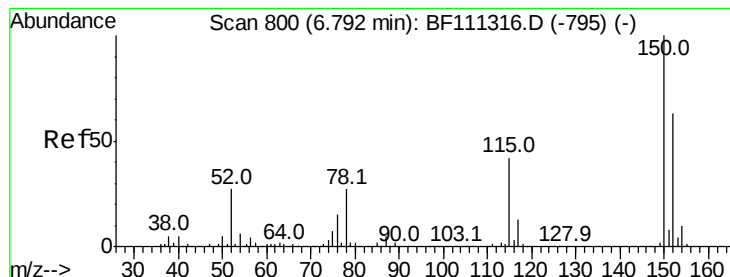
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111313.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	21696	2.090	ng	93
43) 2,4,6-Trichlorophenol	9.06	196	34273	2.504	ng	97
44) 2,4,5-Trichlorophenol	9.10	196	33554	2.354	ng	90
46) 1,1'-Biphenyl	9.25	154	160558	2.915	ng	95
47) 2-Chloronaphthalene	9.27	162	115445	2.693	ng	97
48) 2-Nitroaniline	9.36	65	32215	2.203	ng	95
49) Acenaphthylene	9.69	152	177540	2.853	ng	94
50) Dimethylphthalate	9.55	163	130766	2.705	ng	97
51) 2,6-Dinitrotoluene	9.60	165	24167	2.264	ng	98
52) Acenaphthene	9.86	154	108860	2.787	ng	98
53) 3-Nitroaniline	9.77	138	29953	2.273	ng	96
54) 2,4-Dinitrophenol	9.87	184	4297	1.018	ng	# 43
55) Dibenzofuran	10.03	168	163702	3.081	ng	92
56) 4-Nitrophenol	9.93	139	19046	1.856	ng	92
57) 2,4-Dinitrotoluene	10.00	165	29670	2.254	ng	# 90
58) Fluorene	10.37	166	125285	3.047	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	28304	2.619	ng	# 98
60) Diethylphthalate	10.25	149	219005	4.752	ng	96
61) 4-Chlorophenyl-phenylether	10.37	204	61352	3.005	ng	94
62) 4-Nitroaniline	10.37	138	29482	2.364	ng	99
63) Azobenzene	10.53	77	133961	2.799	ng	95
65) 4,6-Dinitro-2-methylphenol	10.41	198	8884	1.403	ng	96
66) n-Nitrosodiphenylamine	10.48	169	112425	2.815	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	33888	2.637	ng	100
68) Hexachlorobenzene	10.93	284	35193	2.692	ng	98
69) Atrazine	11.00	200	34632	2.851	ng	97
70) Pentachlorophenol	11.12	266	17547	1.850	ng	# 83
71) Phenanthrene	11.33	178	174530	2.949	ng	92
72) Anthracene	11.39	178	177352	2.864	ng	94
73) Carbazole	11.54	167	178656	2.759	ng	94
74) Di-n-butylphthalate	11.88	149	207211	3.114	ng	96
75) Fluoranthene	12.52	202	171140	3.165	ng	97
77) Benzidine	12.64	184	23932	0.856	ng	95
78) Pyrene	12.52	202	171140	2.544	ng	95
80) Butylbenzylphthalate	13.37	149	83408	2.374	ng	95
81) Benzo(a)anthracene	13.94	228	144476	2.751	ng	95
82) 3,3'-Dichlorobenzidine	13.90	252	53652	2.493	ng	96
83) Chrysene	13.97	228	142040	2.624	ng	94
84) Bis(2-ethylhexyl)phthalate	13.94	149	111167	2.663	ng	99
85) Di-n-octyl phthalate	14.55	149	182077	2.602	ng	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	105602	2.416	ng	98
88) Benzo(b)fluoranthene	14.97	252	122940	2.669	ng	99
89) Benzo(k)fluoranthene	15.00	252	127217	2.938	ng	97
90) Benzo(a)pyrene	15.33	252	117509	2.771	ng	95
91) Dibenzo(a,h)anthracene	16.81	278	91051	2.733	ng	98
92) Benzo(g,h,i)perylene	17.22	276	83894	2.516	ng	93

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

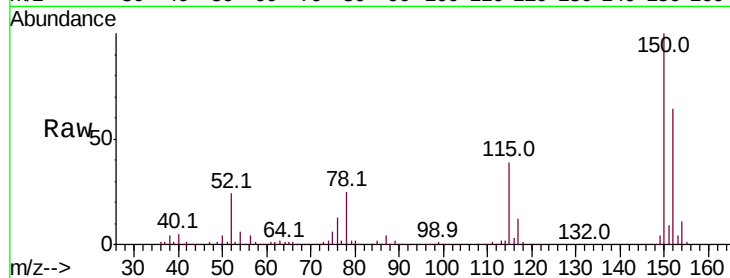


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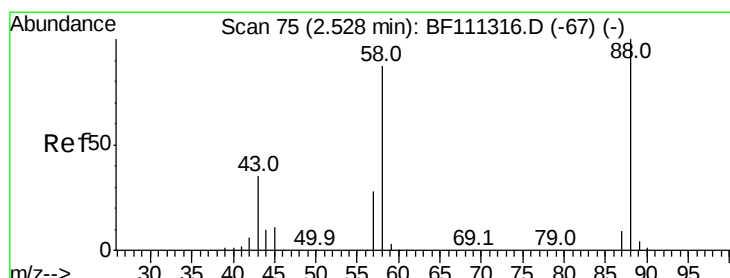
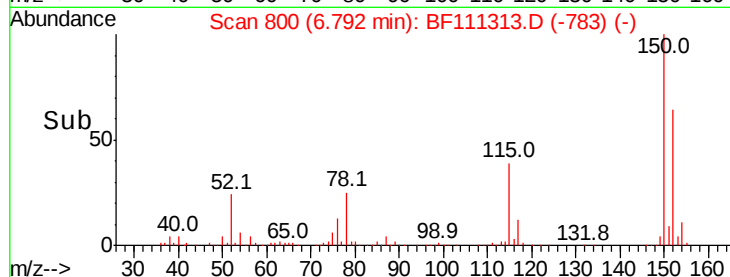
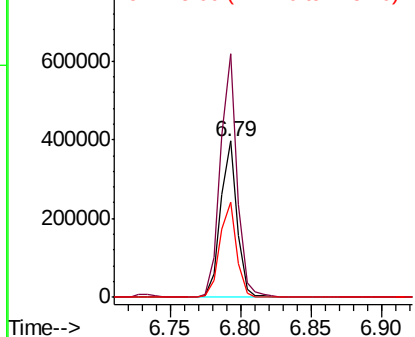
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 323600
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 60.6 50.7 76.1



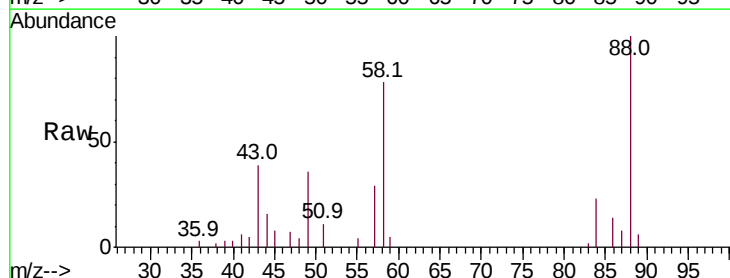
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



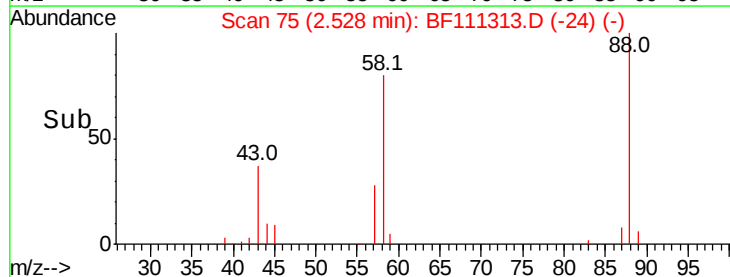
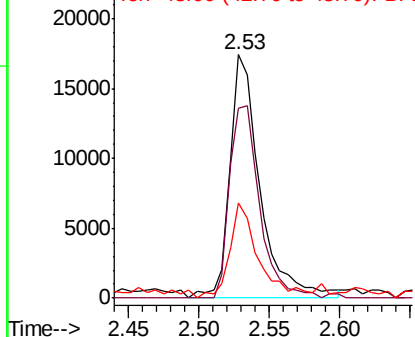
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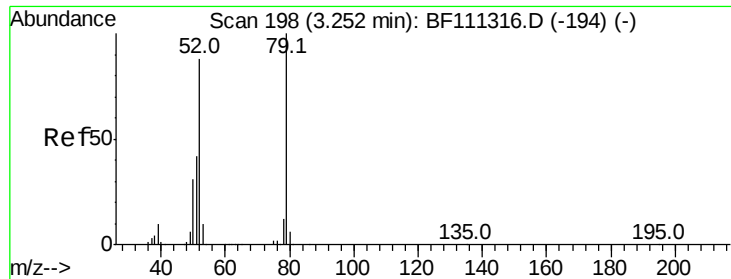
1,4-Dioxane
Concen: 2.489 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.00 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion: 88 Resp: 26166
Ion Ratio Lower Upper
88 100
58 78.2 68.9 103.3
43 37.5 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: 1.473 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.04 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

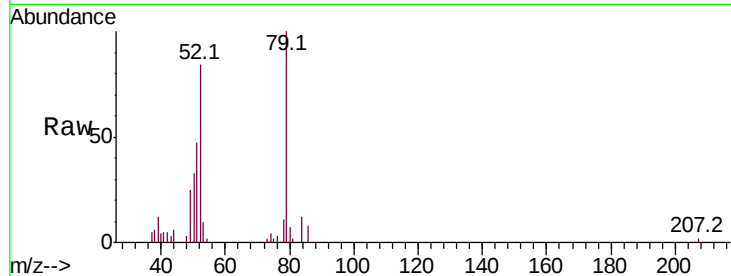
Tot Ion: 79 Resp: 41134

Ion Ratio Lower Upper

79 100

52 83.5 68.3 102.5

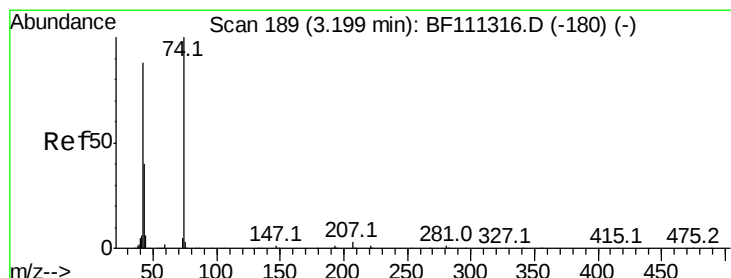
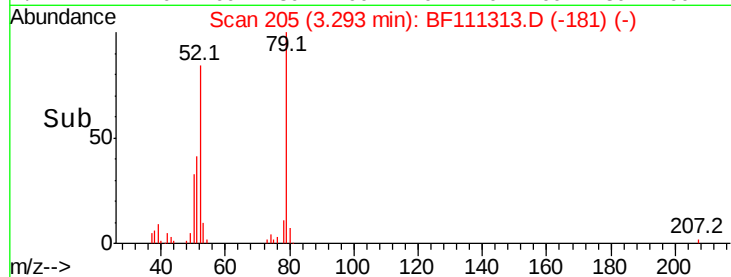
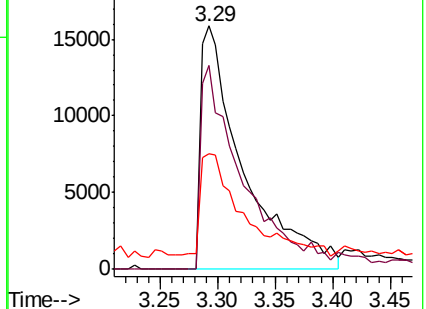
51 47.3 32.6 49.0



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: 1.854 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

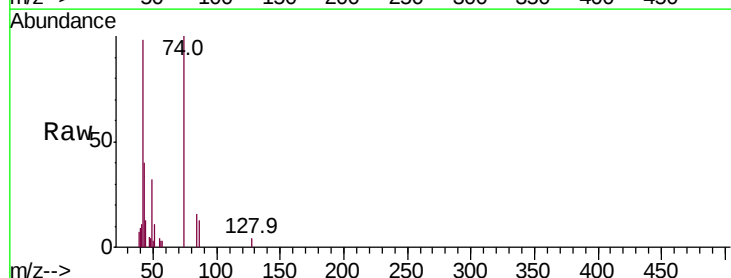
Tgt Ion: 42 Resp: 22076

Ion Ratio Lower Upper

42 100

74 102.4 101.5 152.3

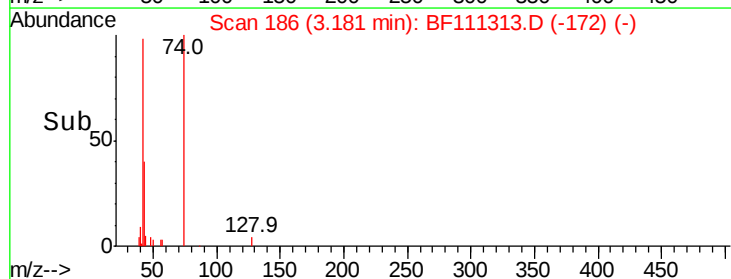
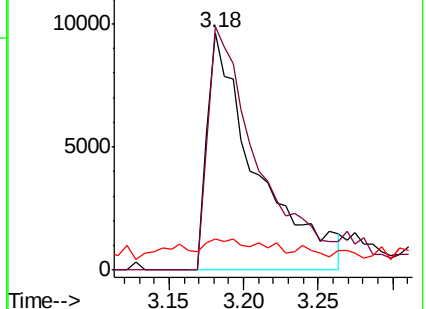
44 13.0 6.0 9.0#

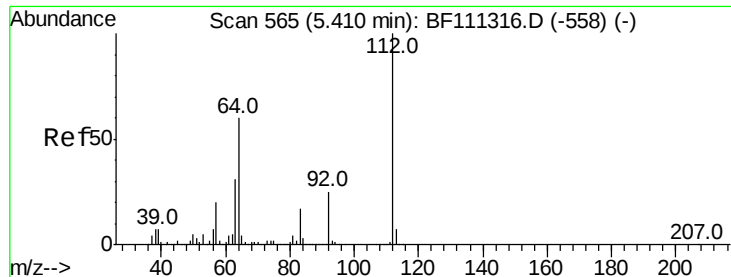


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 4.719 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

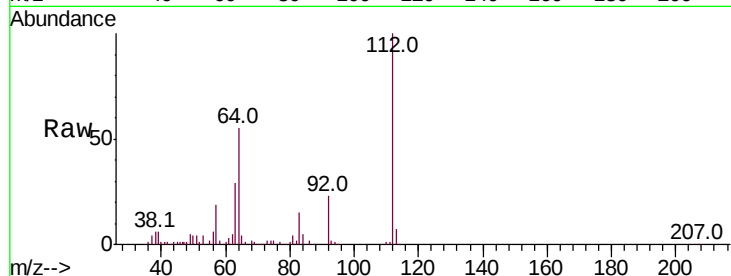
Tot Ion:112 Resp: 96716

Ion Ratio Lower Upper

112 100

64 55.3 51.8 77.6

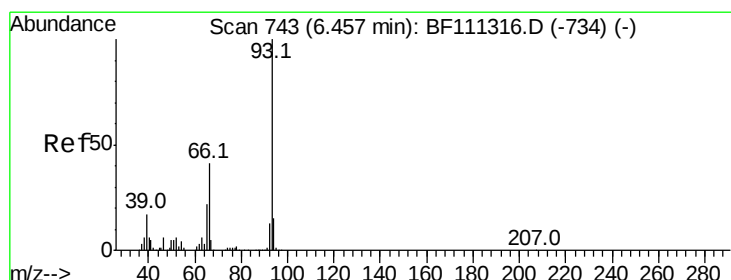
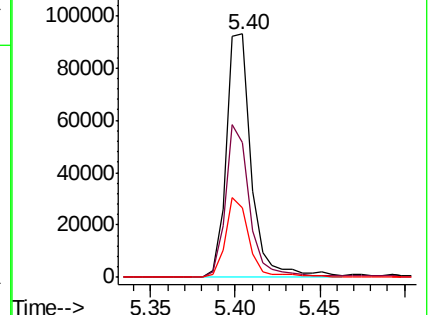
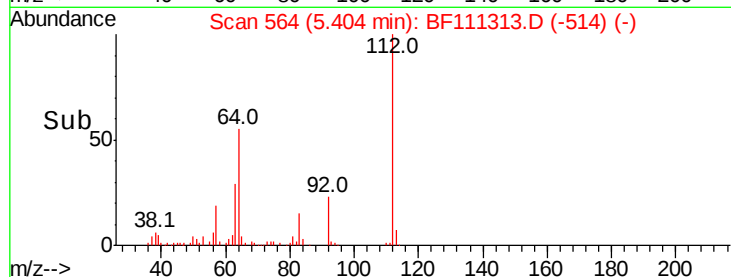
63 28.8 26.8 40.2



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: 1.896 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

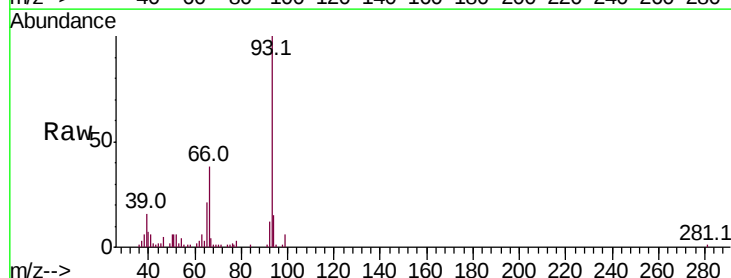
Tgt Ion: 93 Resp: 64385

Ion Ratio Lower Upper

93 100

66 38.3 33.2 49.8

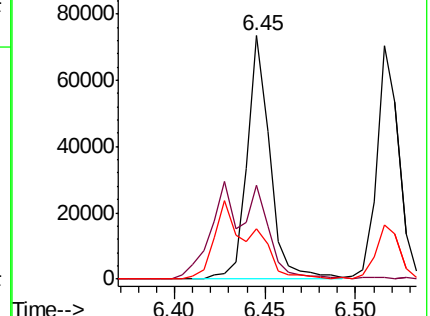
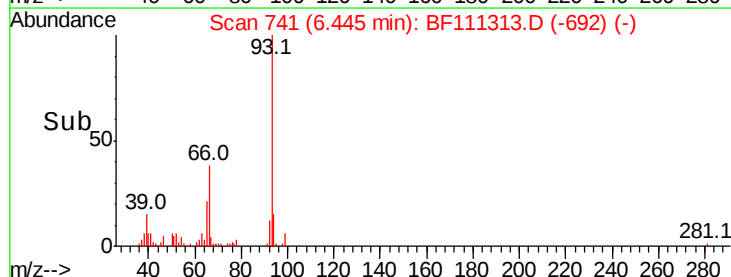
65 20.6 17.0 25.4

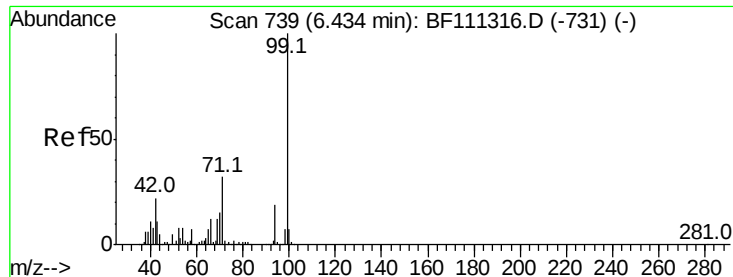


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 5.472 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

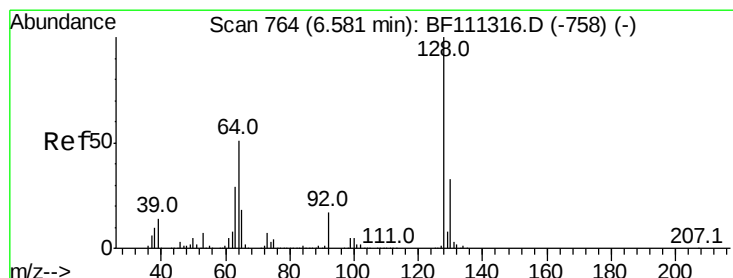
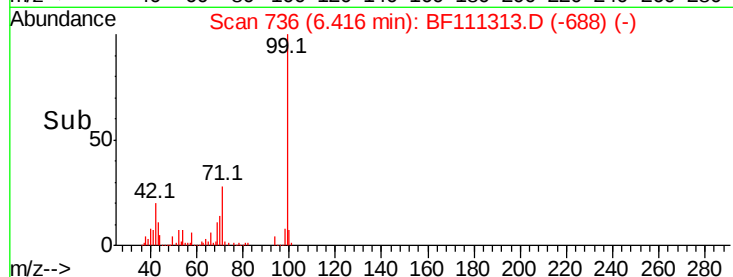
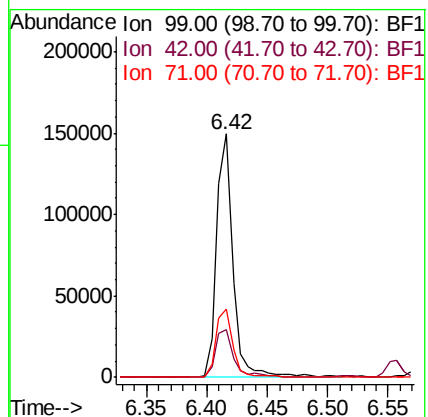
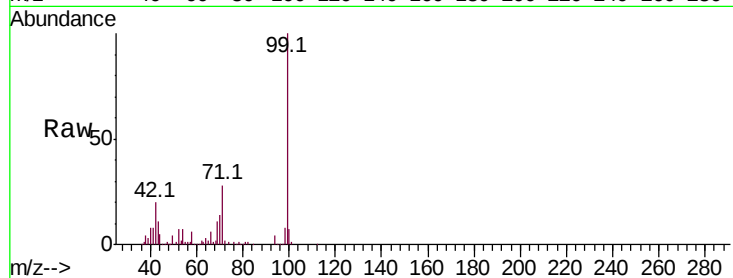
Tot Ion: 99 Resp: 139353

Ion Ratio Lower Upper

99 100

42 19.6 17.4 26.0

71 27.8 26.1 39.1



#8

2-Chlorophenol

Concen: 2.720 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

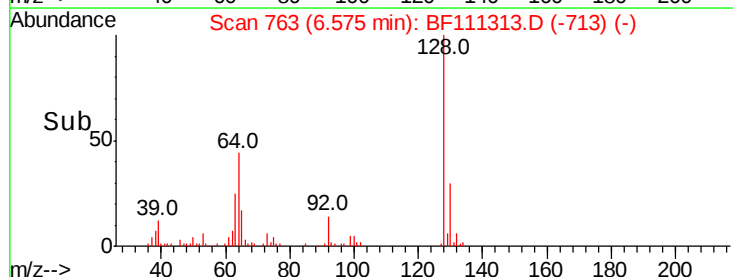
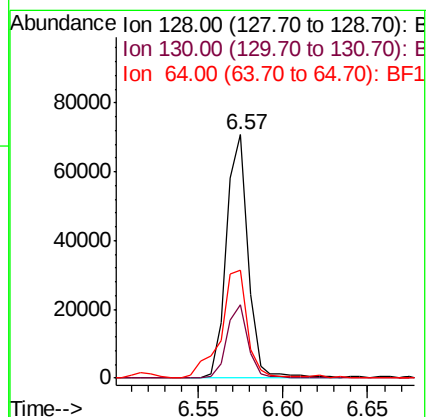
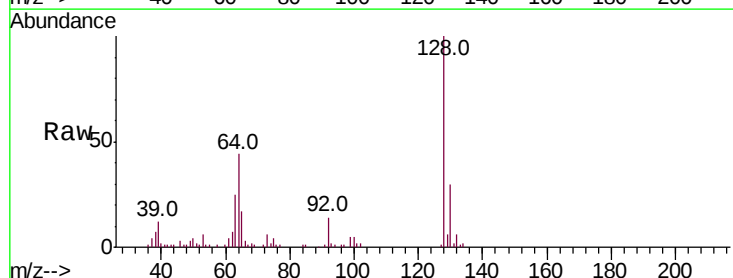
Tgt Ion: 128 Resp: 63352

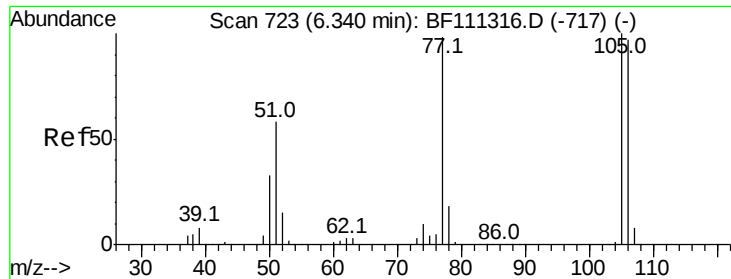
Ion Ratio Lower Upper

128 100

130 30.3 12.7 52.7

64 44.4 30.0 70.0

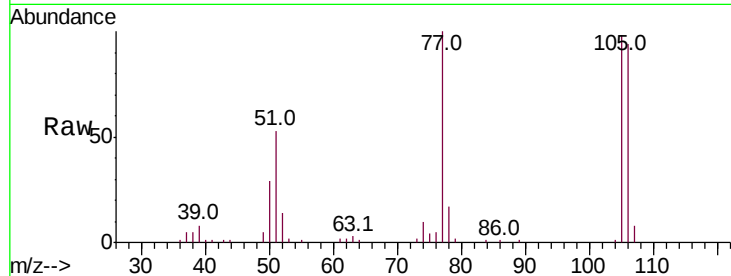




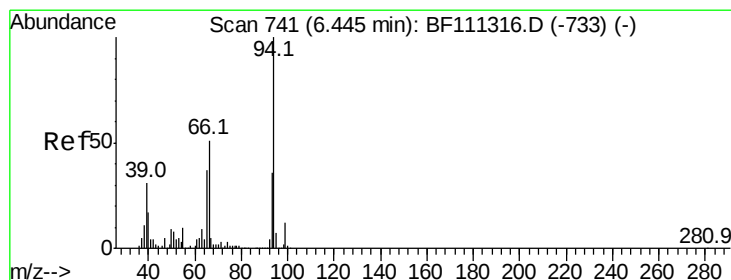
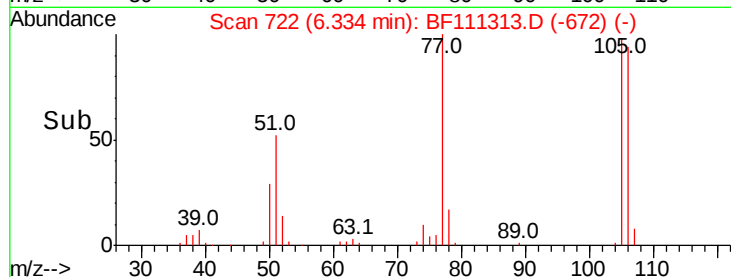
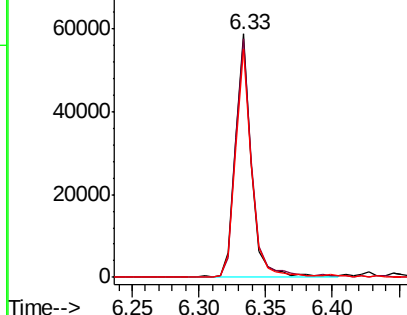
#9
Benzaldehyde
Concen: 3.164 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 50002
Ion Ratio Lower Upper
77 100
105 97.7 81.4 121.4
106 93.9 77.9 117.9

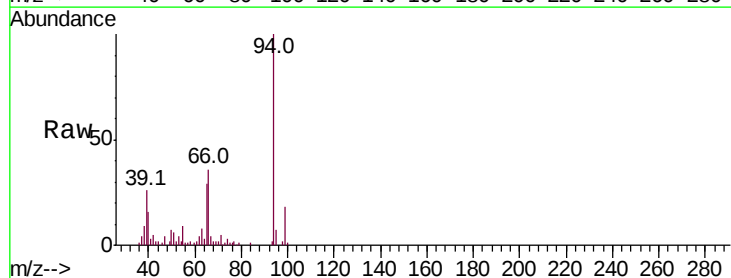


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

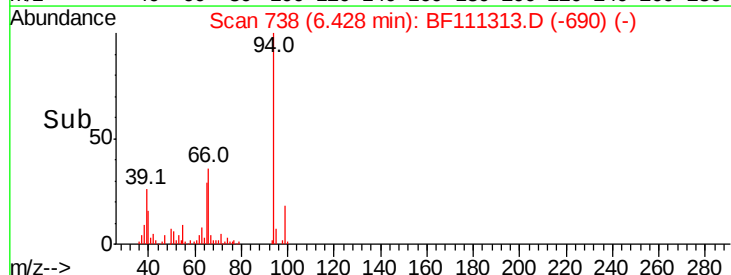
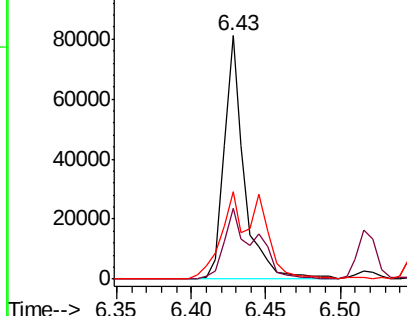


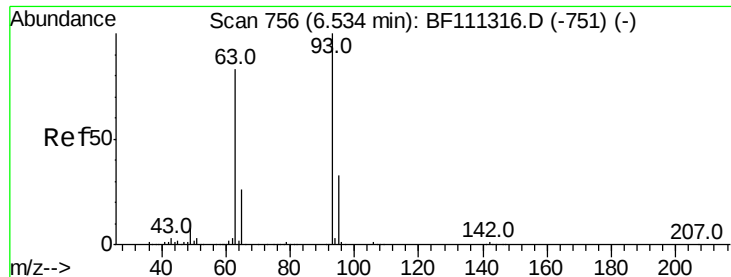
#10
Phenol
Concen: 2.594 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion: 94 Resp: 77261
Ion Ratio Lower Upper
94 100
65 29.0 11.7 51.7
66 36.2 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

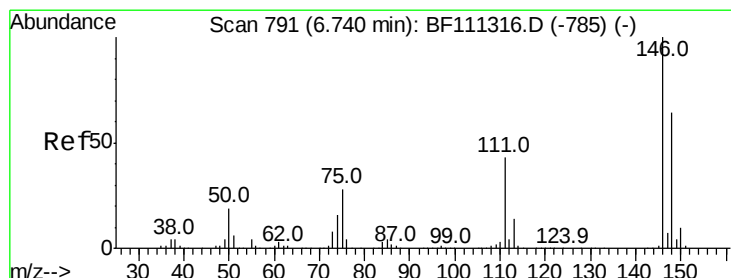
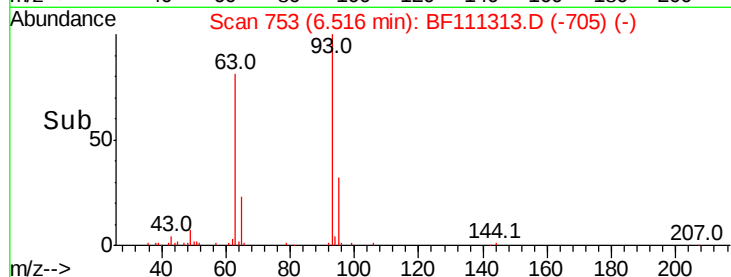
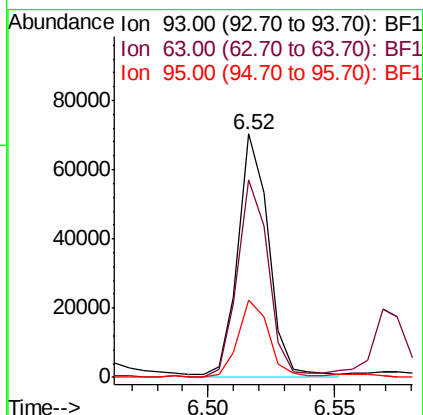
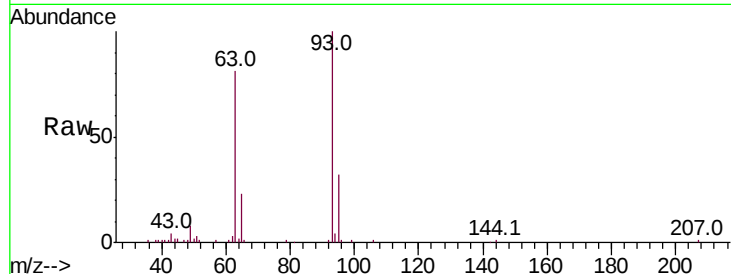




#11
bis(2-Chloroethyl)ether
Concen: 2.609 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

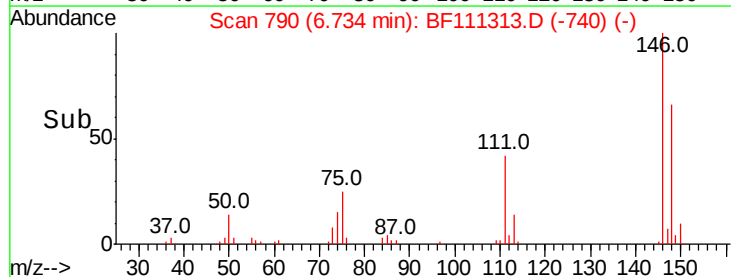
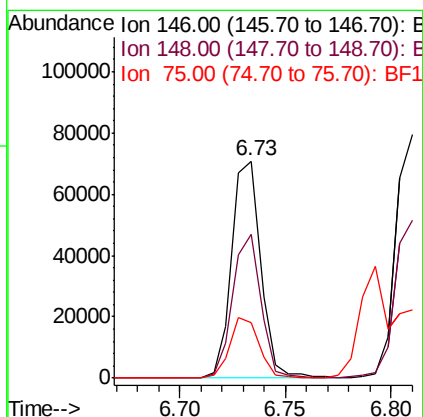
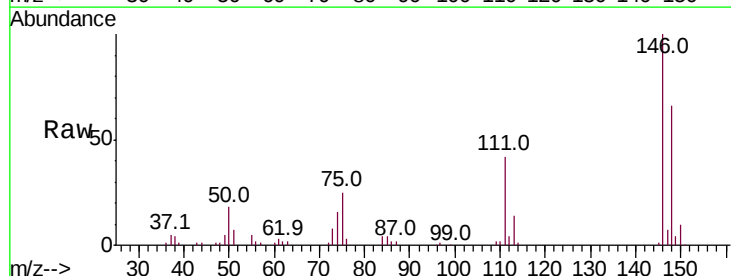
Instrument :
BNA_F
ClientSampleId :

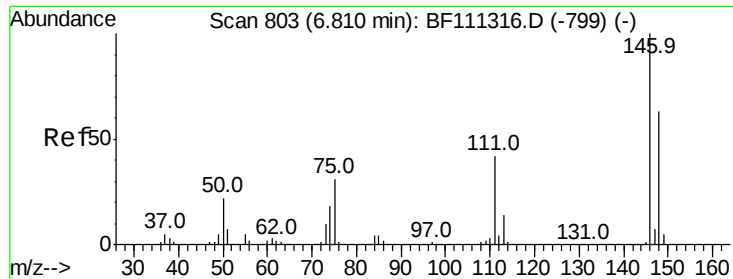
Tot Ion: 93 Resp: 60085
Ion Ratio Lower Upper
93 100
63 81.3 60.0 100.0
95 31.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 2.699 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion: 146 Resp: 67541
Ion Ratio Lower Upper
146 100
148 66.4 52.1 78.1
75 25.4 23.9 35.9

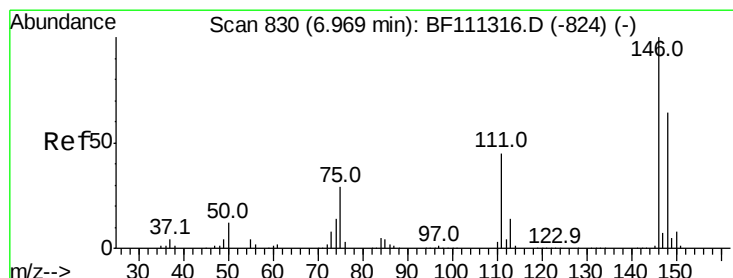
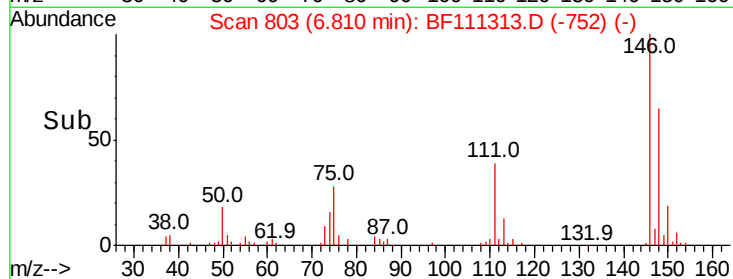
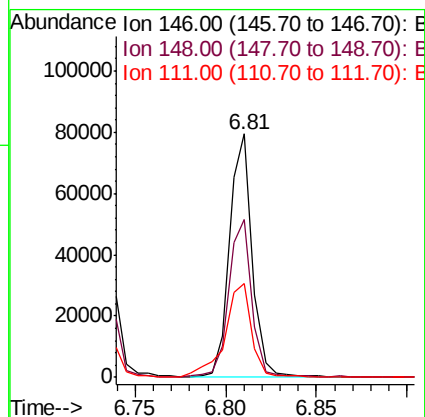
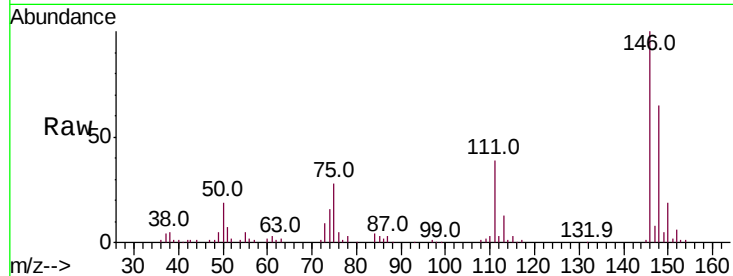




#13
 1,4-Dichlorobenzene
 Concen: 2.730 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

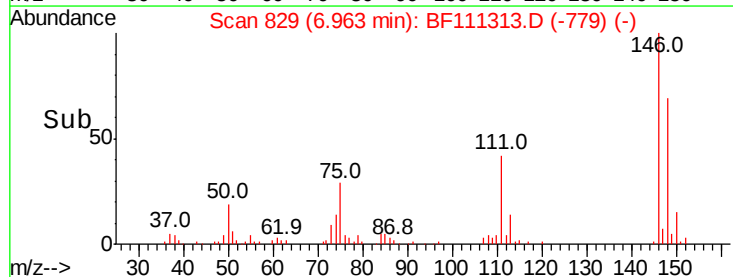
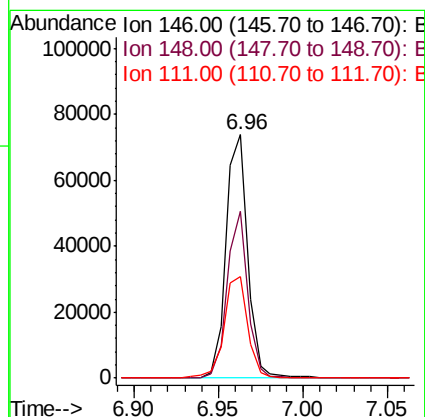
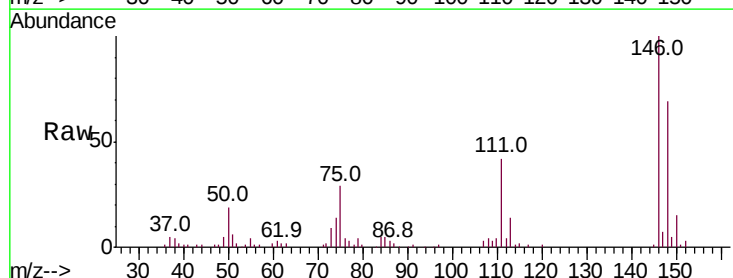
Instrument :
 BNA_F
 ClientSampled :

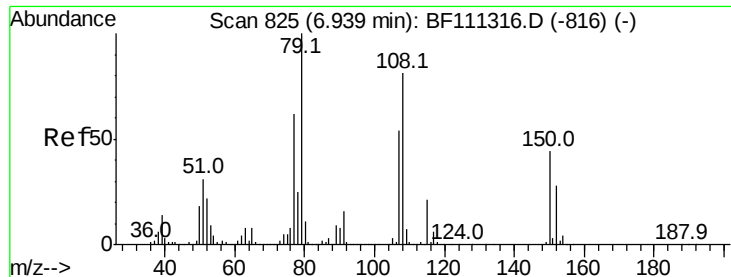
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.8	79.2
111	38.5	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 2.799 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.8	51.9	77.9
111	41.6	36.2	54.4





#15

Benzyl Alcohol

Concen: 2.509 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

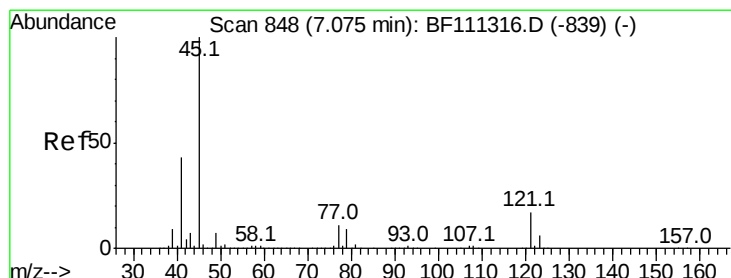
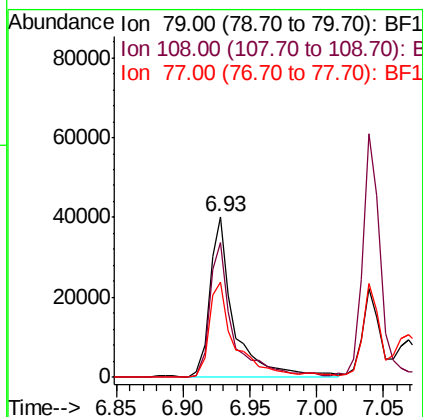
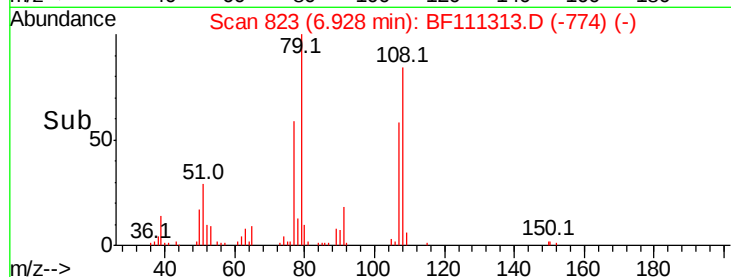
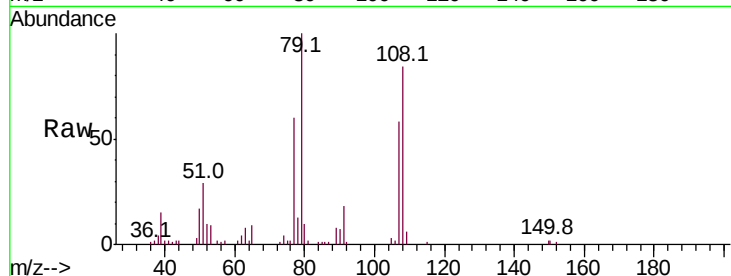
Tot Ion: 79 Resp: 50573

Ion Ratio Lower Upper

79 100

108 83.5 69.4 104.2

77 59.6 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.700 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

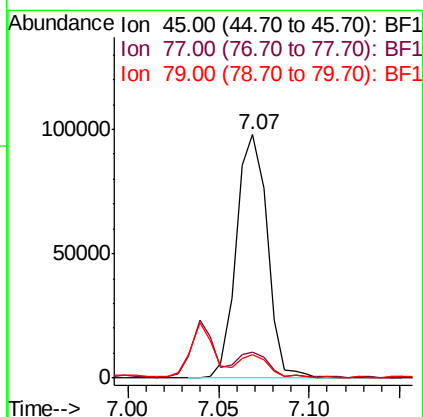
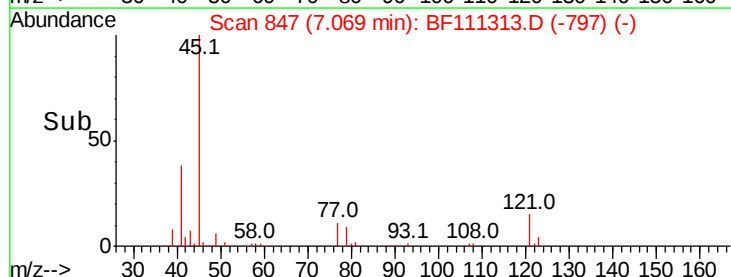
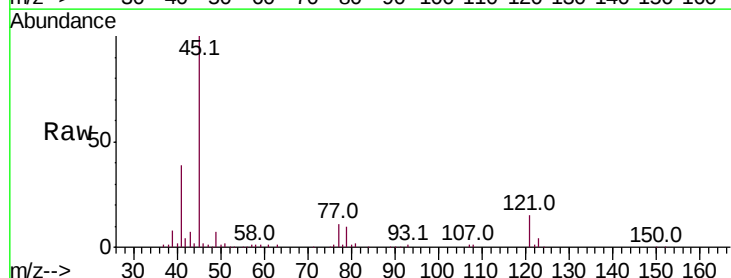
Tgt Ion: 45 Resp: 116423

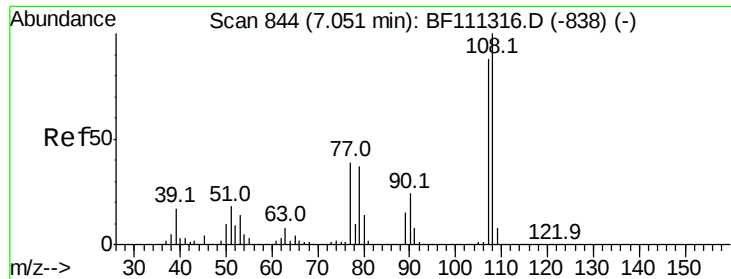
Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.5

79 9.5 0.0 28.9

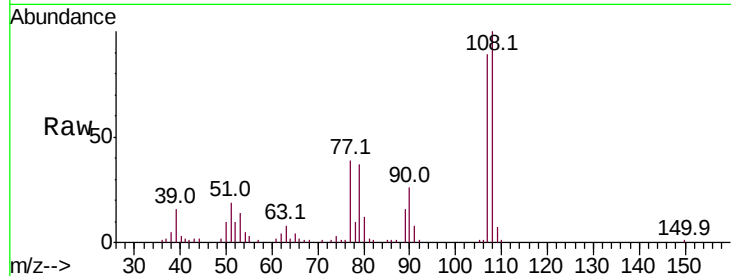




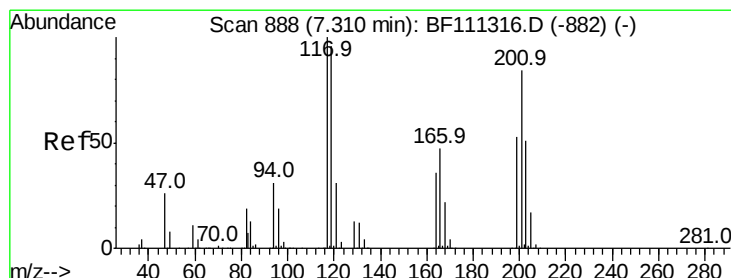
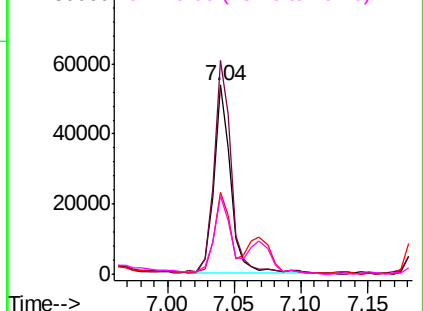
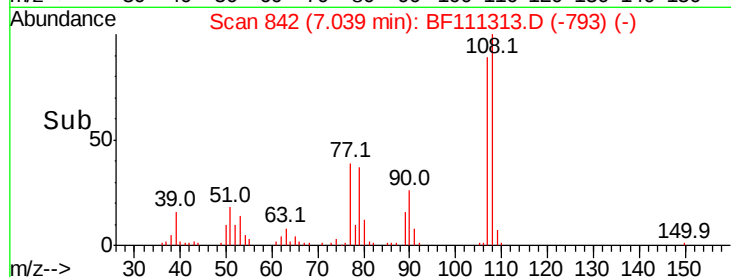
#17
2-Methylphenol
Concen: 2.540 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	48310
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.0	136.4
77	43.6	33.5	50.3
79	41.2	33.3	49.9

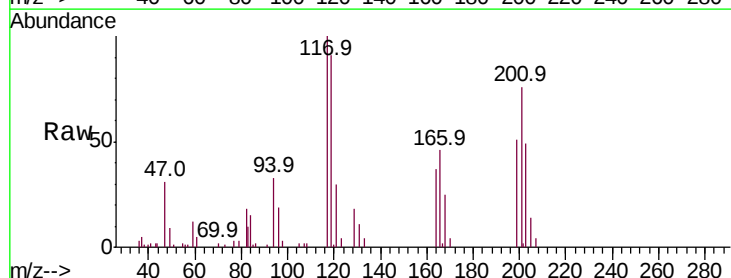


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

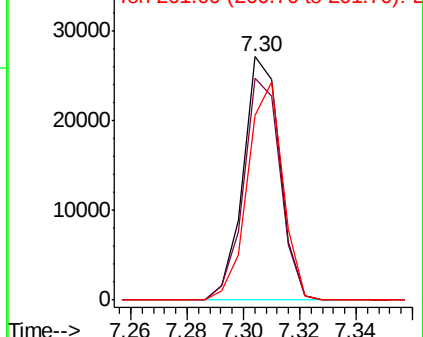
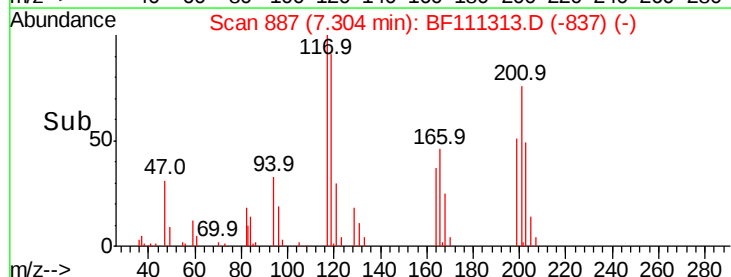


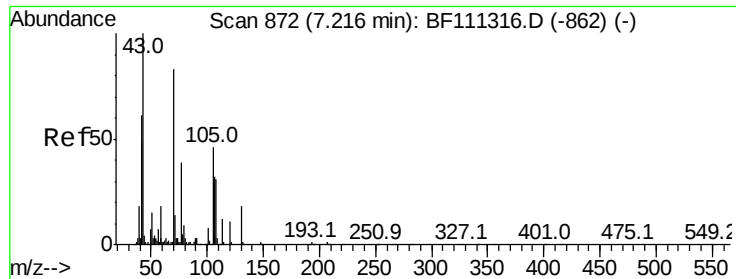
#18
Hexachloroethane
Concen: 2.544 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:	117	Resp:	24476
Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.4	113.0
201	76.0	62.4	93.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

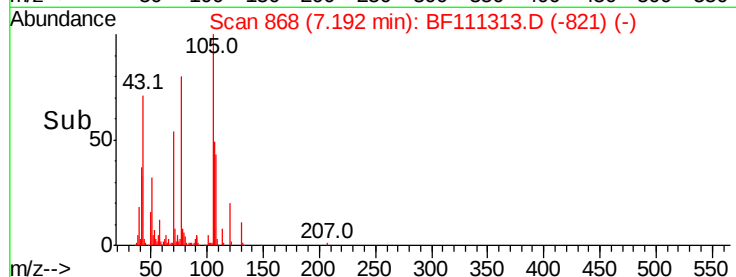
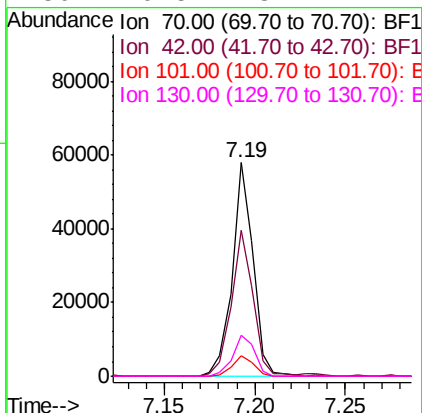
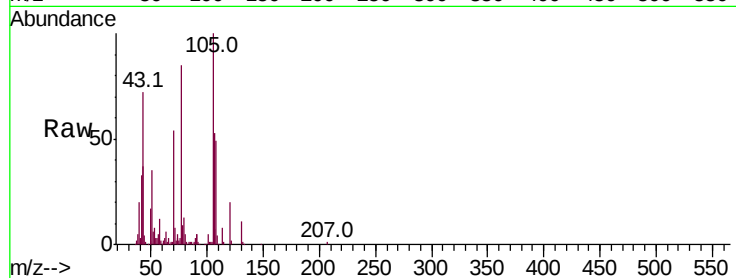




#19
n-Nitroso-di-n-propylamine
Concen: 2.735 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

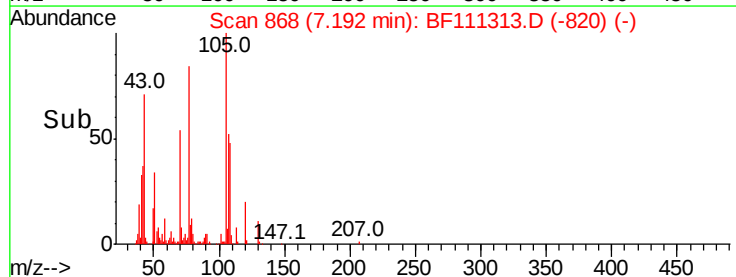
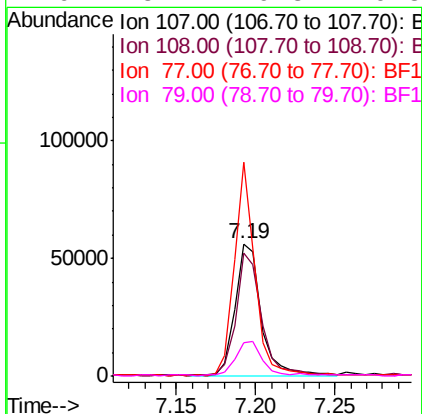
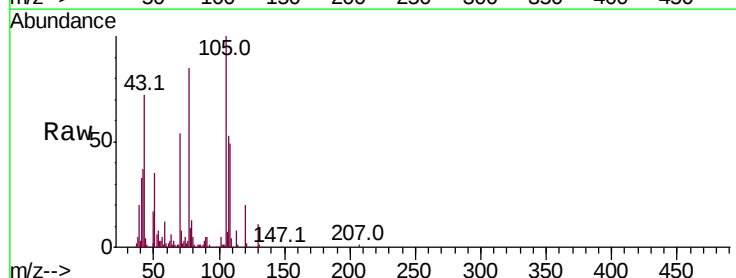
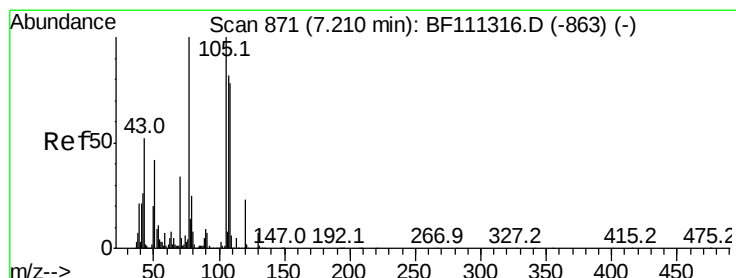
Instrument :
BNA_F
ClientSampled :

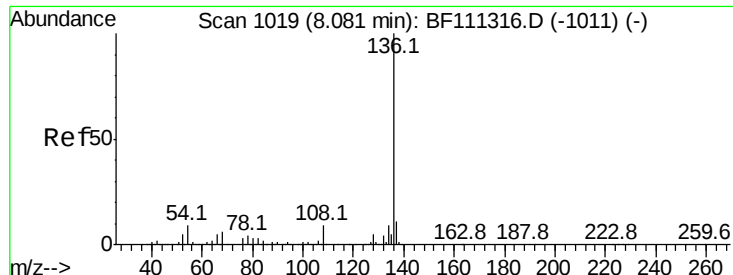
Tot Ion:	70	Resp:	46668
Ion	Ratio	Lower	Upper
70	100		
42	68.4	53.2	79.8
101	9.4	8.2	12.4
130	19.5	18.1	27.1



#20
3+4-Methylphenols
Concen: 2.852 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:	107	Resp:	64509
Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.1	112.1
77	161.2	94.1	134.1#
79	25.4	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: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1350079

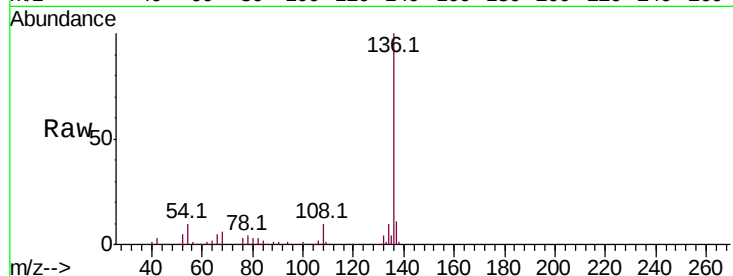
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.7 7.7 11.5

68 5.9 4.9 7.3

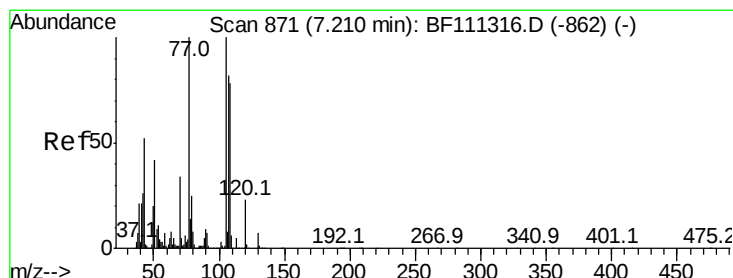
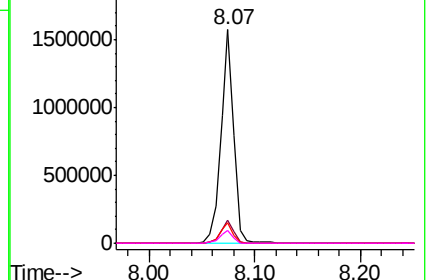
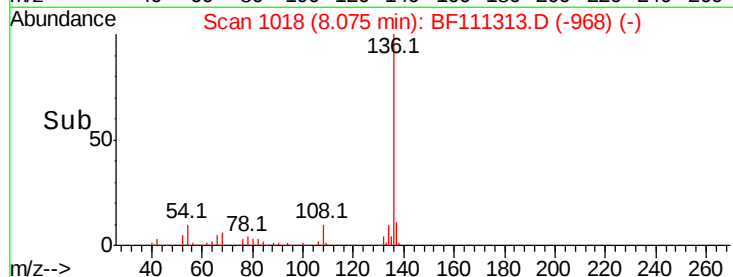


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 2.919 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Tgt Ion:105 Resp: 90176

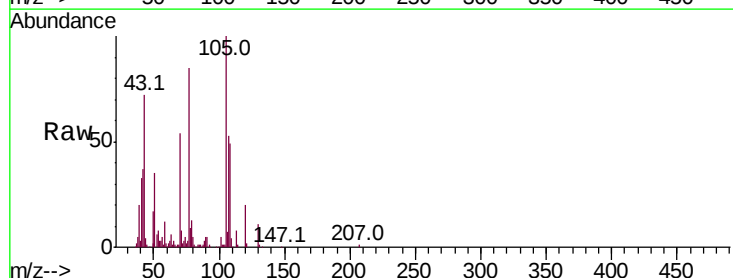
Ion Ratio Lower Upper

105 100

71 8.4 3.1 4.7#

51 34.7 36.6 54.8#

120 20.3 18.2 27.4

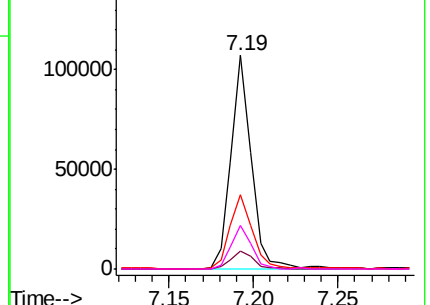
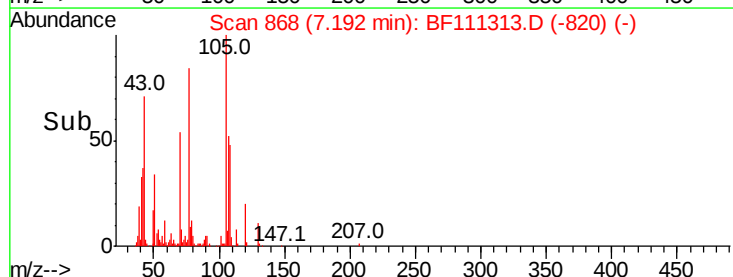


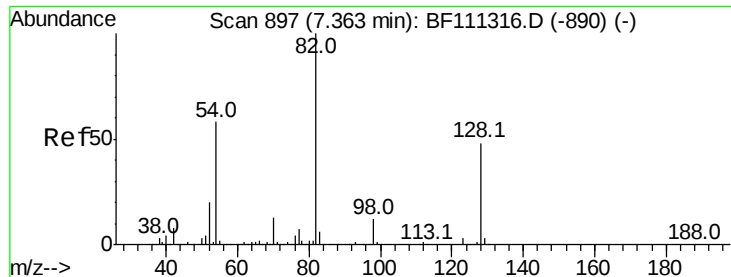
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 5.081 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

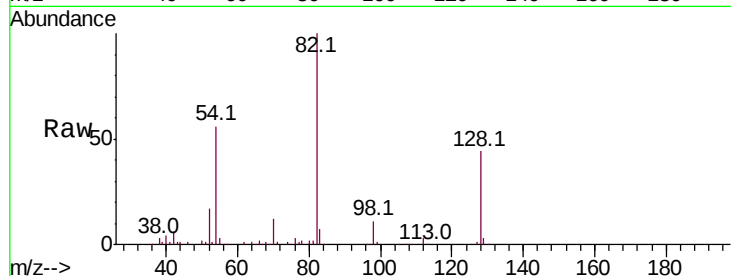
Tot Ion: 82 Resp: 122302

Ion Ratio Lower Upper

82 100

128 44.3 37.4 56.2

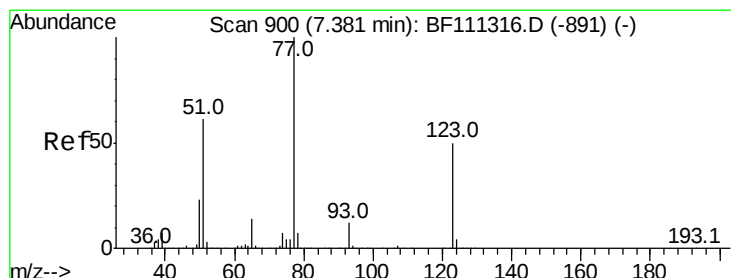
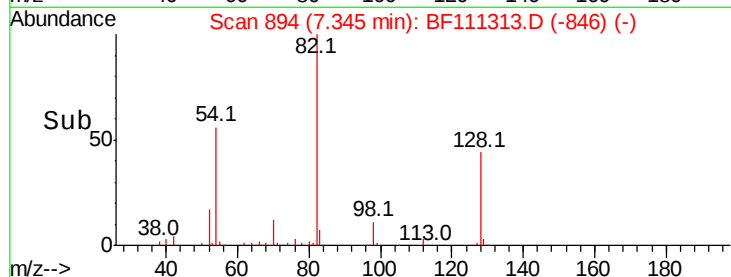
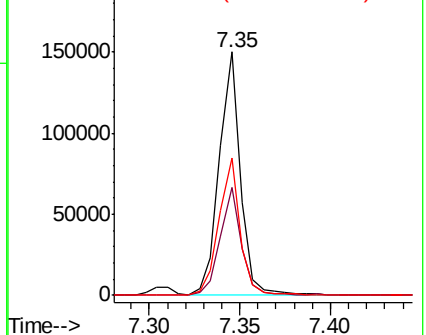
54 56.2 47.6 71.4



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: 2.564 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

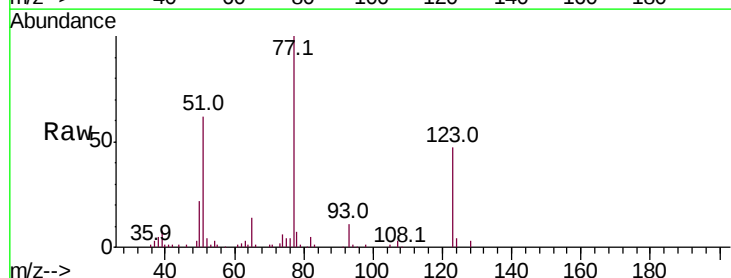
Tgt Ion: 77 Resp: 64244

Ion Ratio Lower Upper

77 100

123 47.1 37.2 55.8

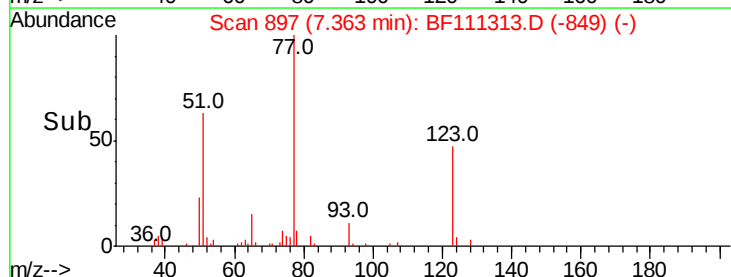
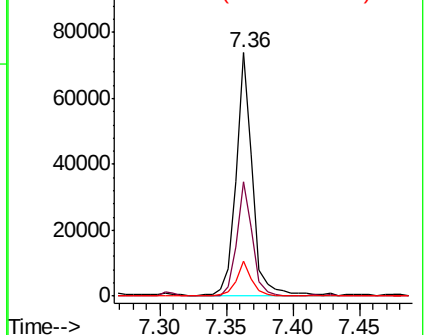
65 14.2 11.5 17.3

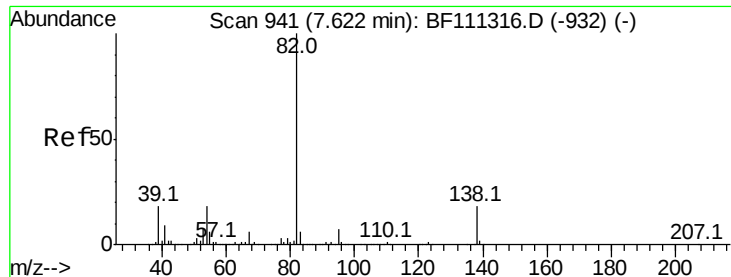


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 2.594 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

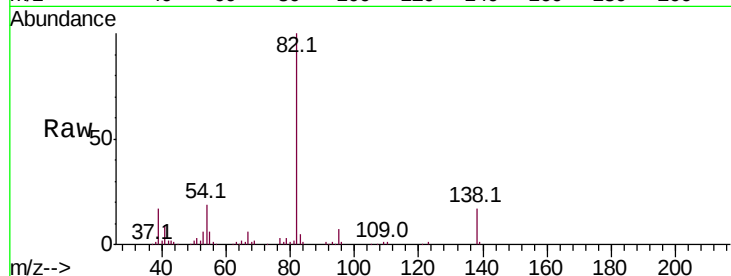
Tot Ion: 82 Resp: 106329

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

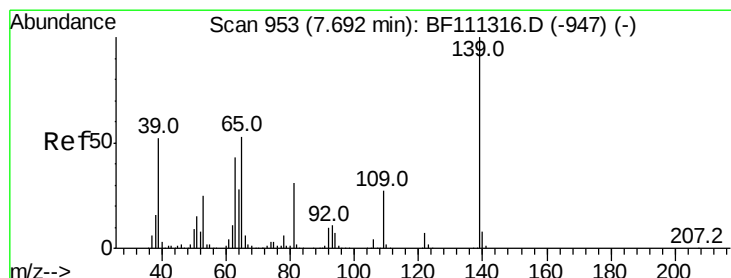
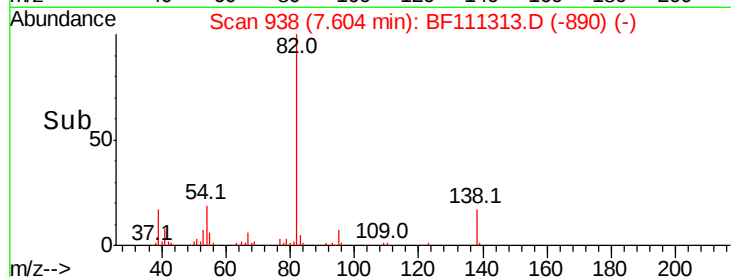
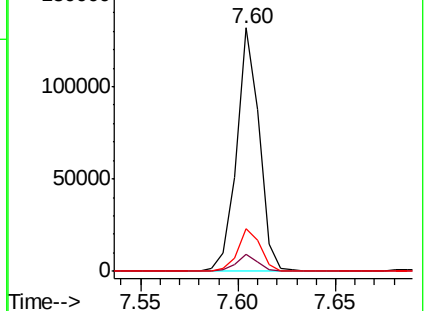
138 17.4 15.1 22.7



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: 2.094 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

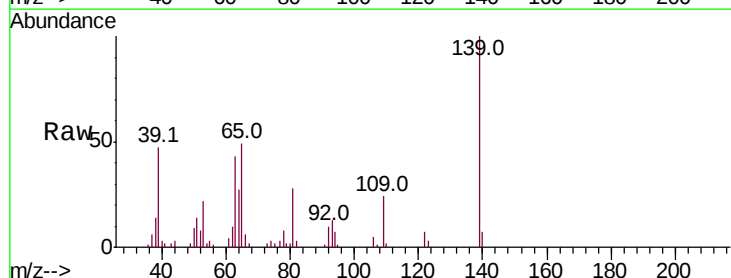
Tgt Ion: 139 Resp: 26061

Ion Ratio Lower Upper

139 100

109 24.3 20.2 30.4

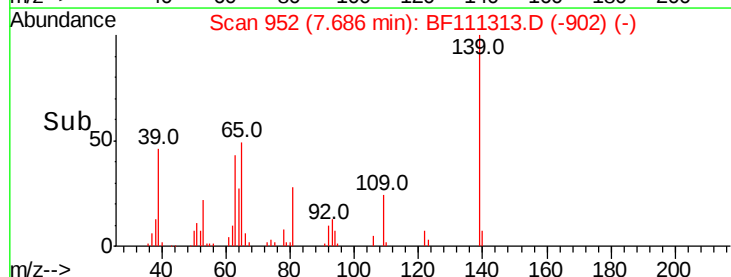
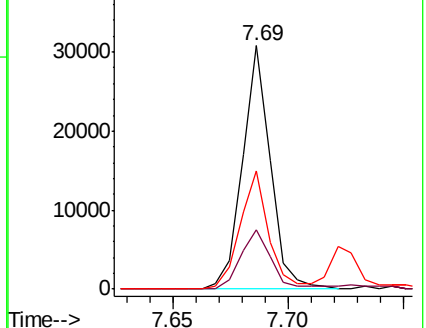
65 48.8 40.7 61.1

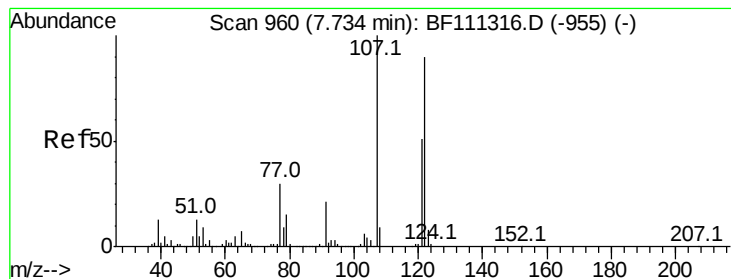


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.448 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

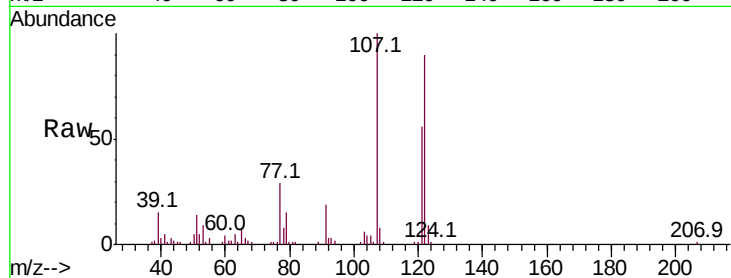
Tot Ion:122 Resp: 47090

Ion Ratio Lower Upper

122 100

107 111.7 85.5 128.3

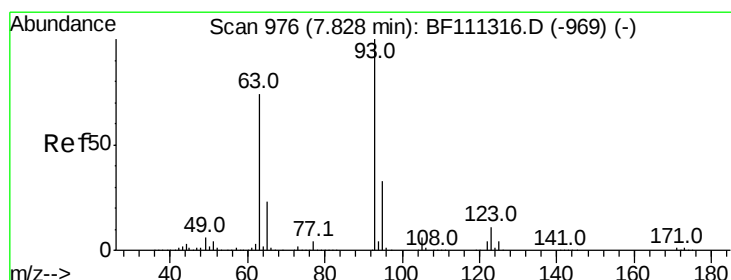
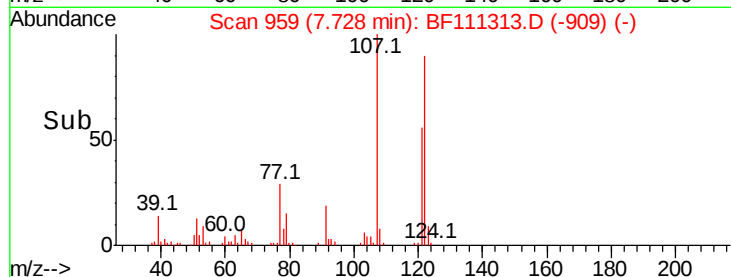
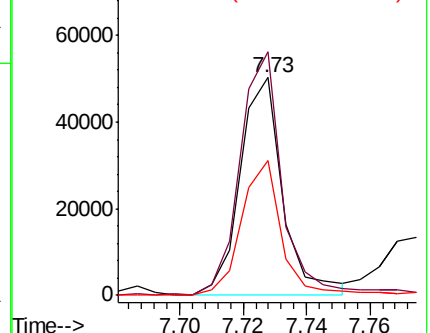
121 62.0 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.629 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

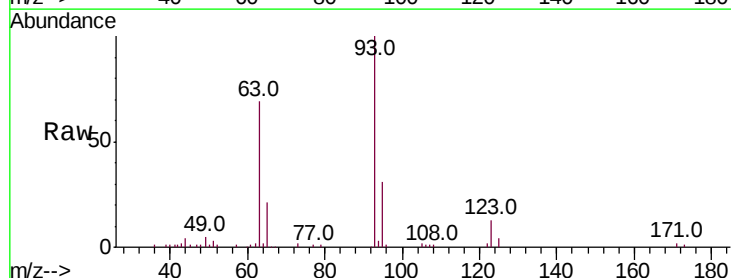
Tgt Ion: 93 Resp: 74624

Ion Ratio Lower Upper

93 100

95 31.4 27.1 40.7

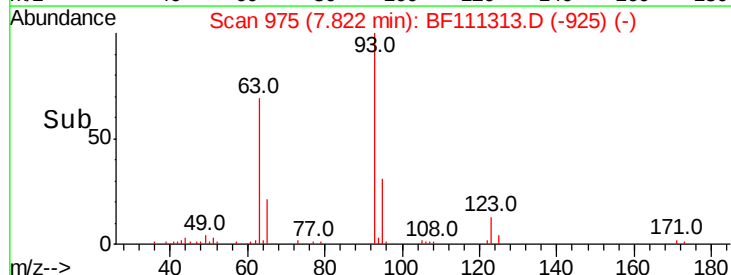
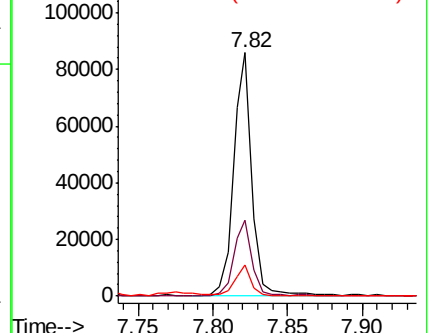
123 12.5 9.9 14.9

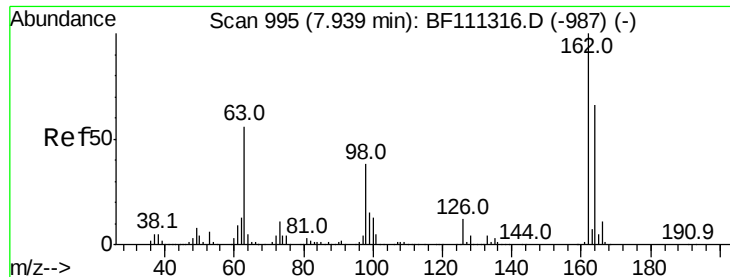


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

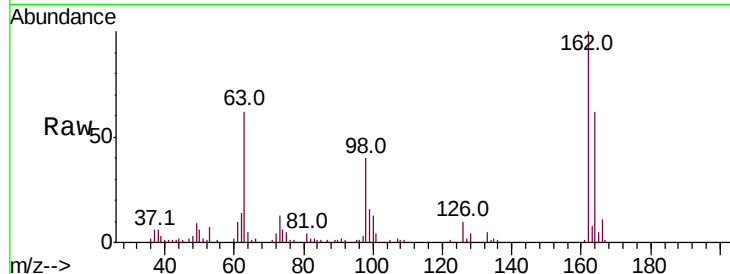




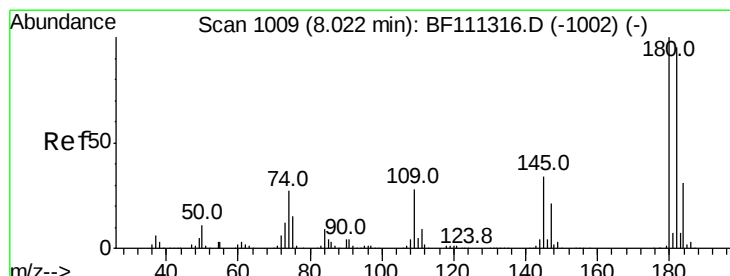
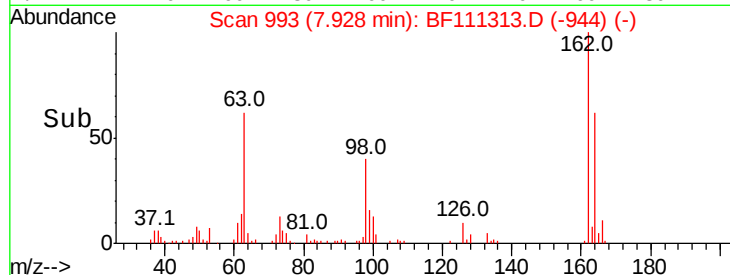
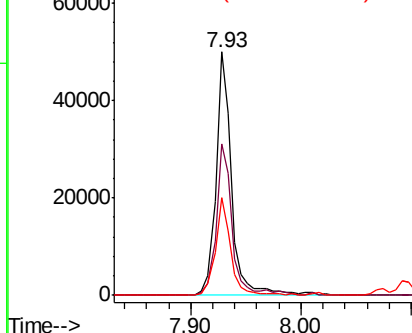
#29
2,4-Dichlorophenol
Concen: 2.476 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 48692
Ion Ratio Lower Upper
162 100
164 62.0 44.4 84.4
98 40.1 20.3 60.3

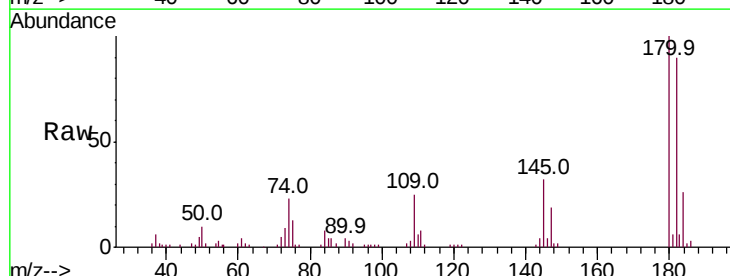


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

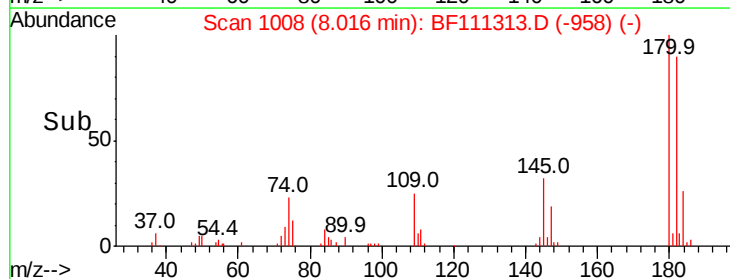
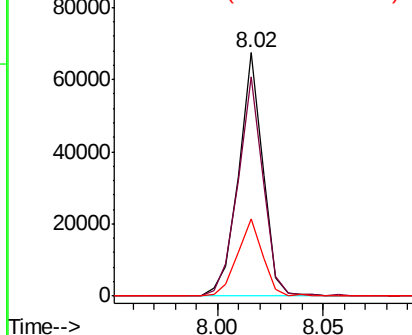


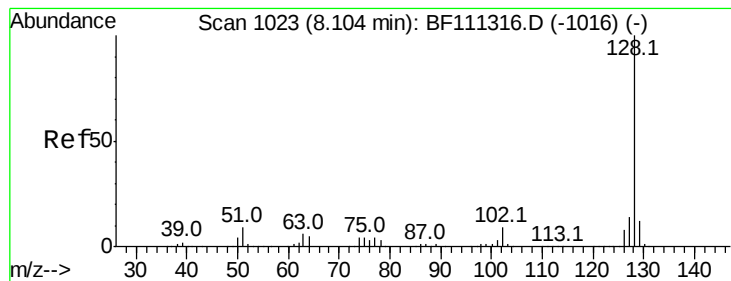
#30
1,2,4-Trichlorobenzene
Concen: 2.762 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:180 Resp: 53516
Ion Ratio Lower Upper
180 100
182 89.8 75.6 113.4
145 31.7 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: 3.092 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

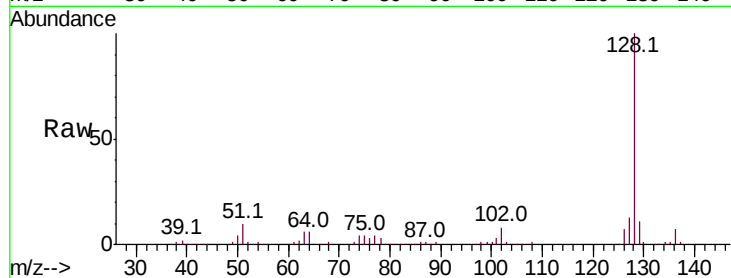
Tot Ion:128 Resp: 182199

Ion Ratio Lower Upper

128 100

129 10.7 9.8 14.8

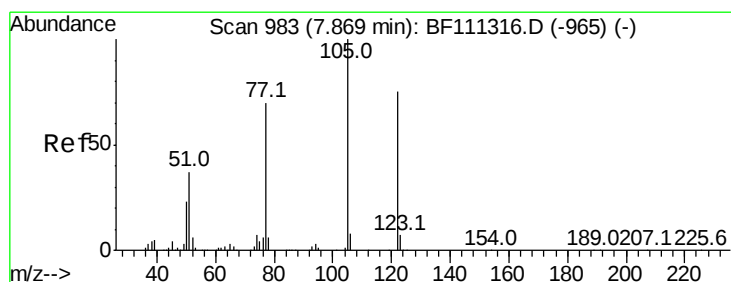
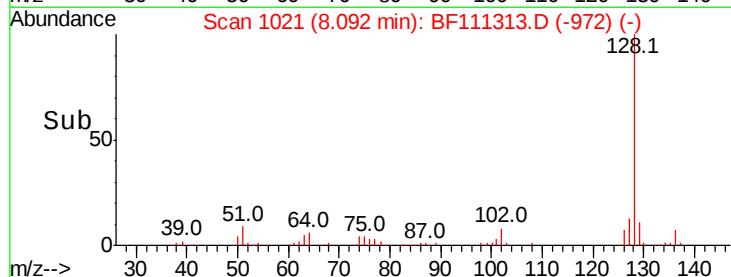
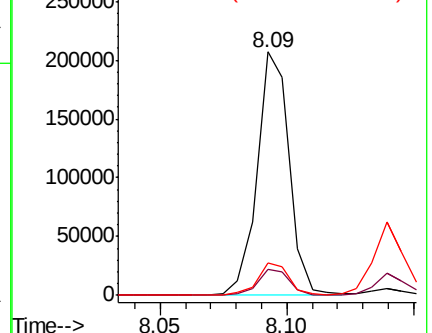
127 13.5 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1.626 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.09 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

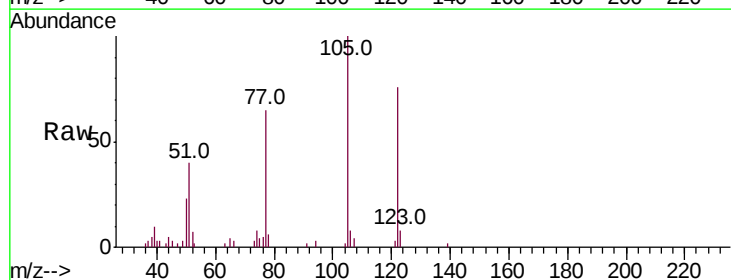
Tgt Ion:122 Resp: 25863

Ion Ratio Lower Upper

122 100

105 131.3 97.0 137.0

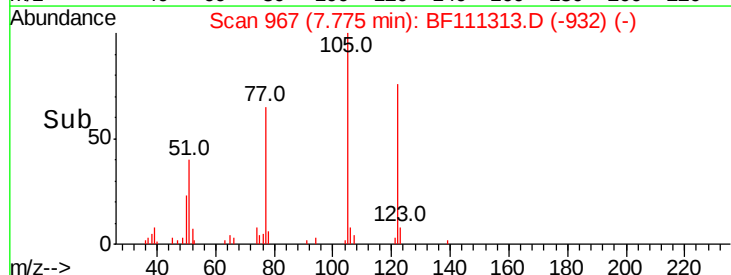
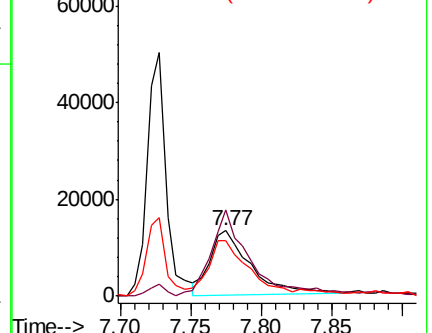
77 85.3 65.7 105.7

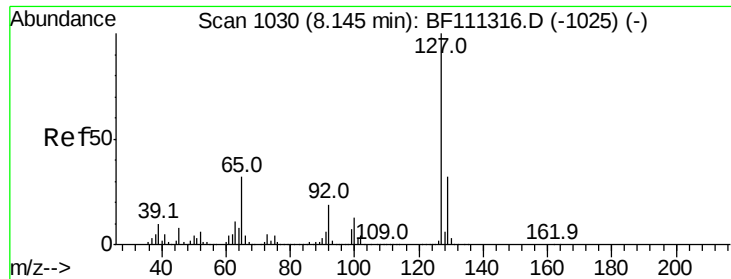


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

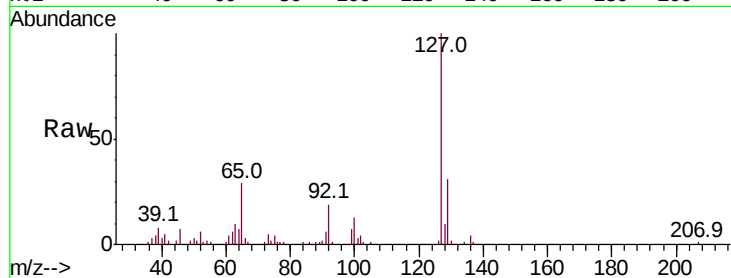




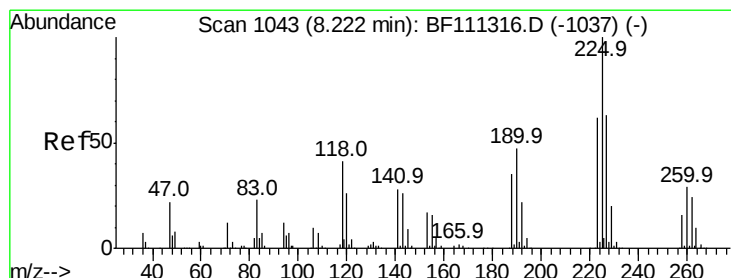
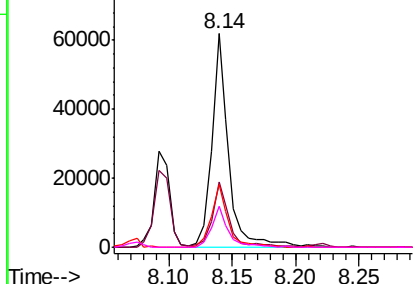
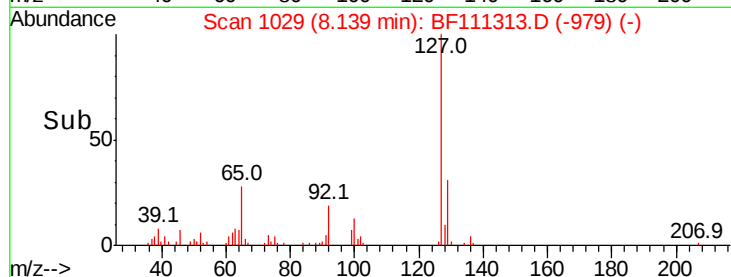
#33
4-Chloroaniline
Concen: 2.052 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	58075
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.6	39.8
65	29.3	25.7	38.5
92	18.9	15.4	23.2

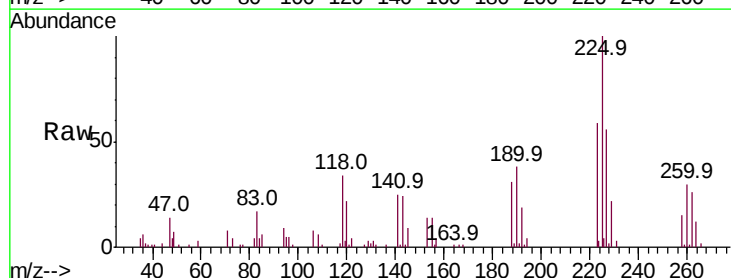


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

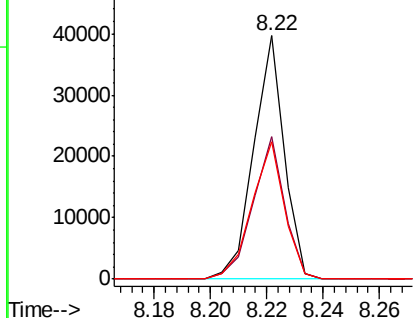
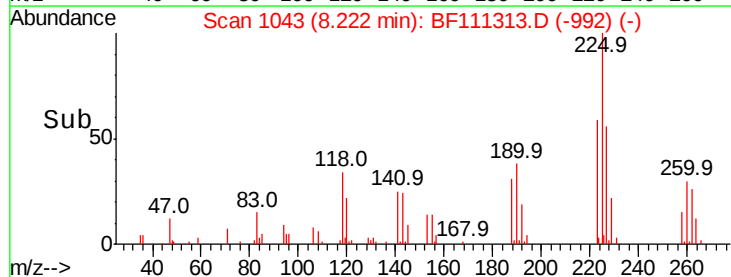


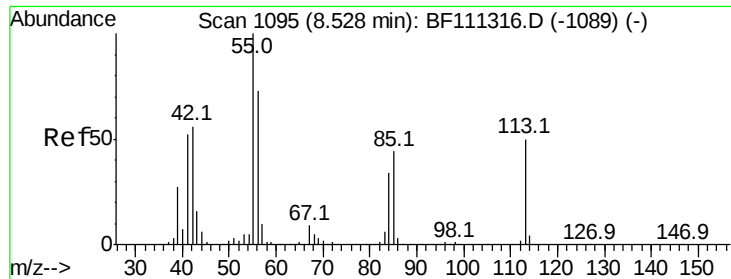
#34
Hexachlorobutadiene
Concen: 2.791 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:	225	Resp:	29842
Ion	Ratio	Lower	Upper
225	100		
223	58.6	50.7	76.1
227	56.2	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

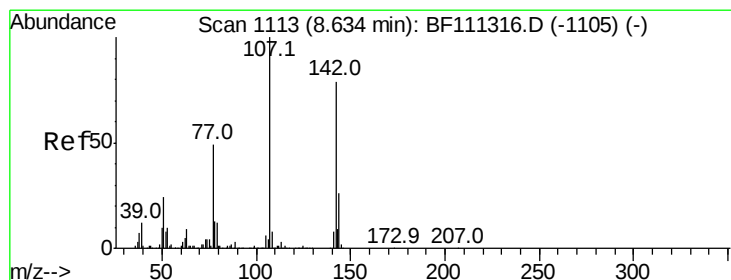
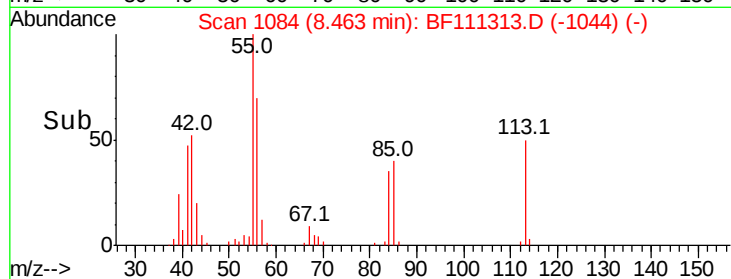
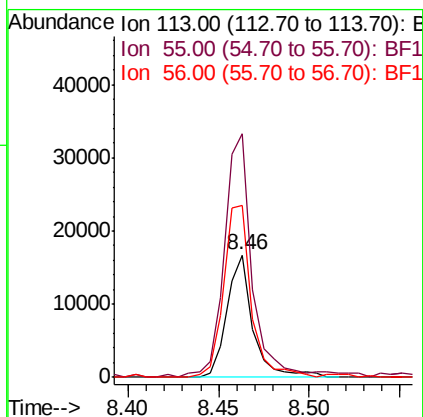
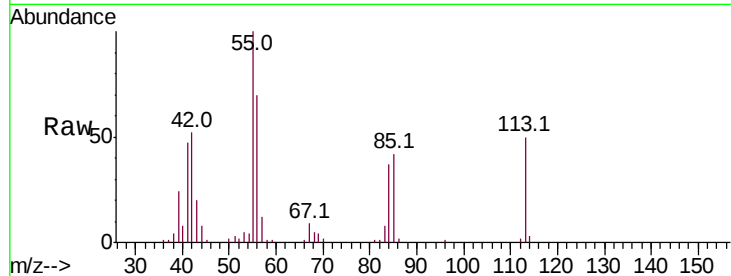




#35
 Caprolactam
 Concen: 2.399 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

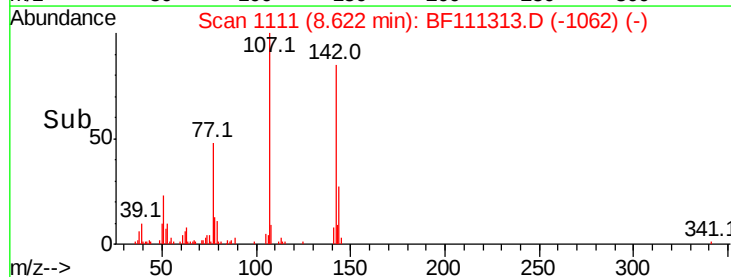
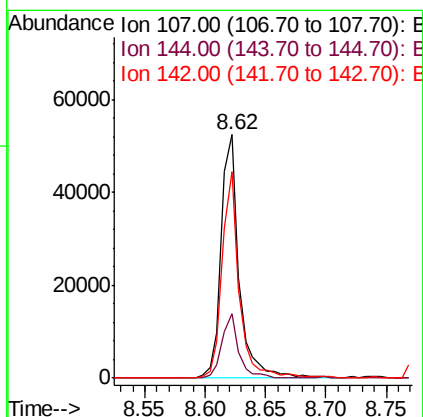
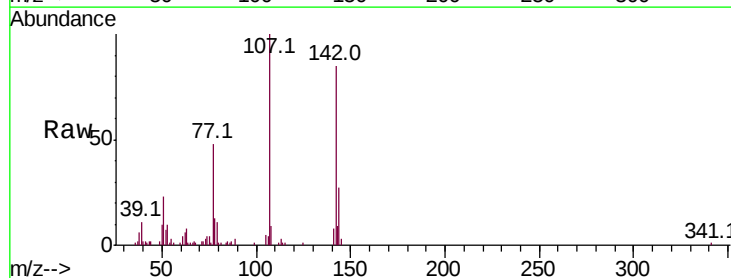
Instrument :
 BNA_F
 ClientSampleId :

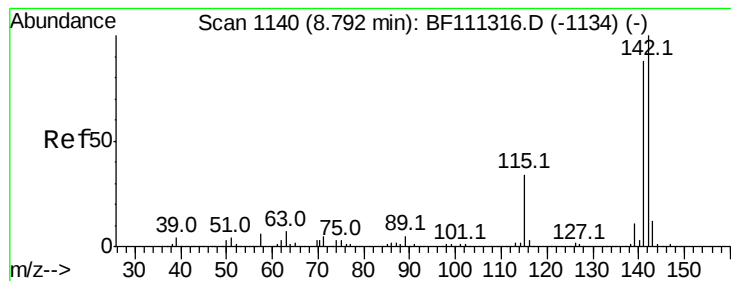
Tot Ion:113 Resp: 16716
 Ion Ratio Lower Upper
 113 100
 55 199.2 184.1 224.1
 56 140.3 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 2.686 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion:107 Resp: 54091
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.8 29.6
 142 84.8 62.3 93.5





#37

2-Methylnaphthalene

Concen: 2.884 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

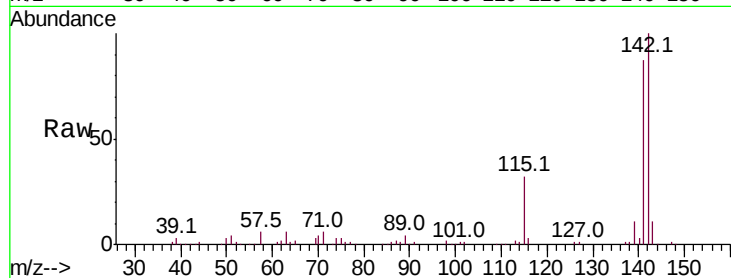
Tot Ion:142 Resp: 112812

Ion Ratio Lower Upper

142 100

141 87.4 70.6 105.8

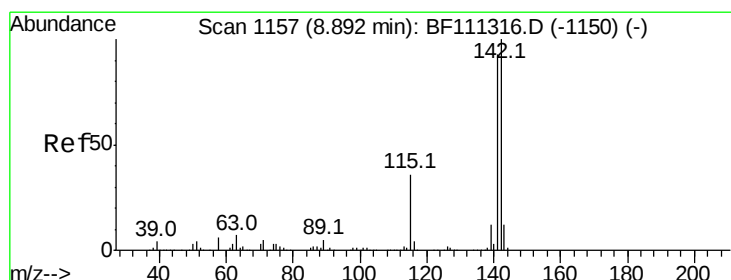
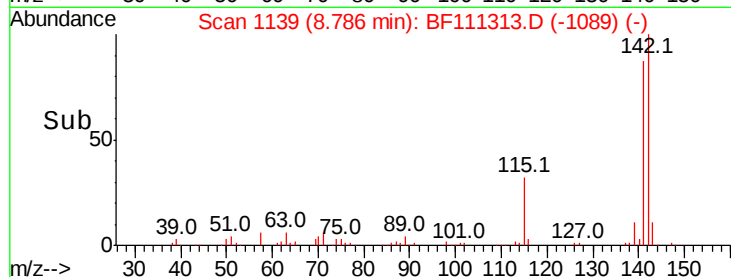
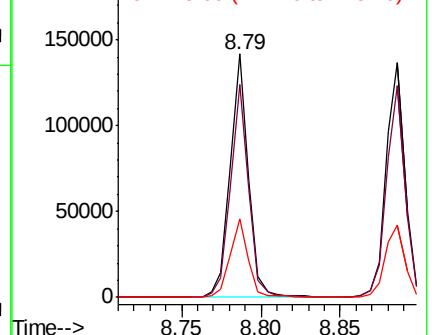
115 32.4 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.934 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

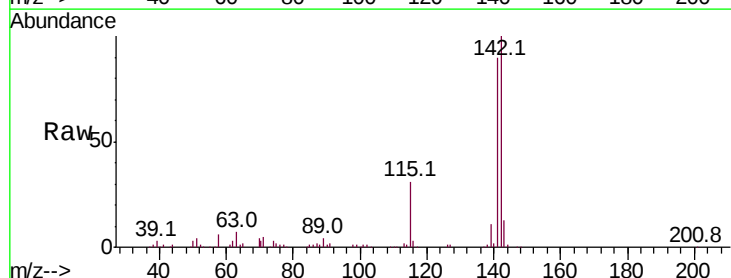
Tgt Ion:142 Resp: 112383

Ion Ratio Lower Upper

142 100

141 90.2 74.2 111.4

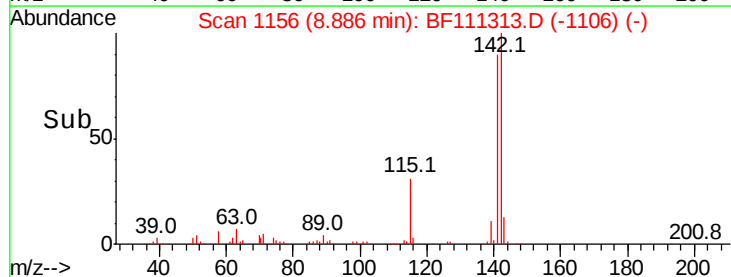
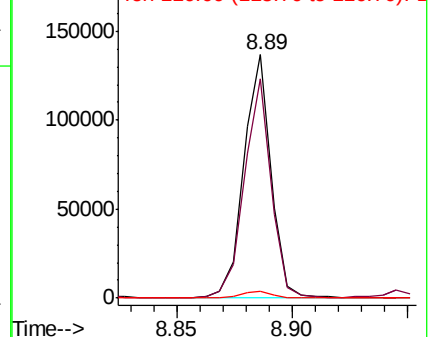
116 3.0 2.9 4.3

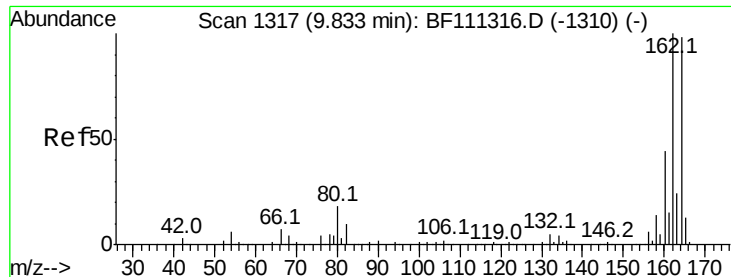


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

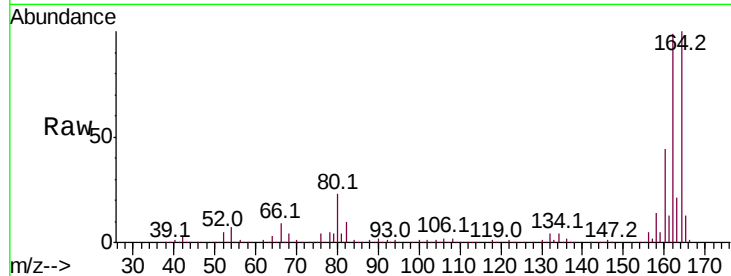




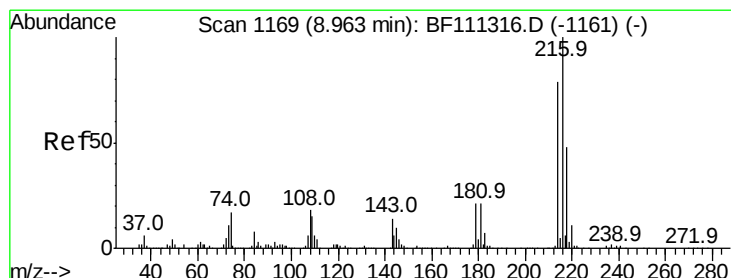
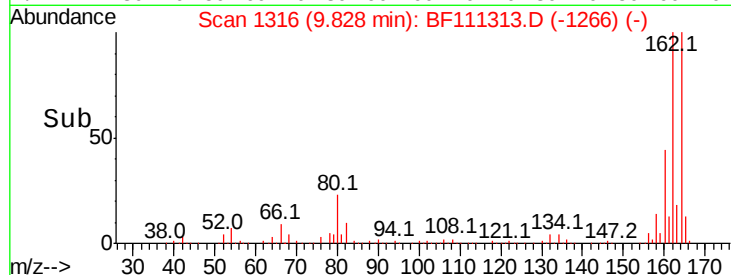
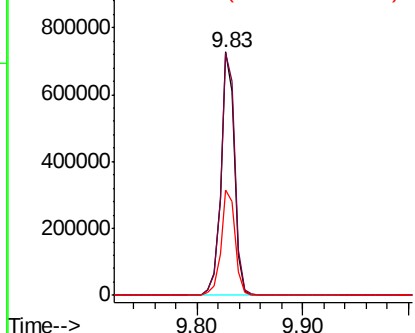
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 655206
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 43.5 35.7 53.5

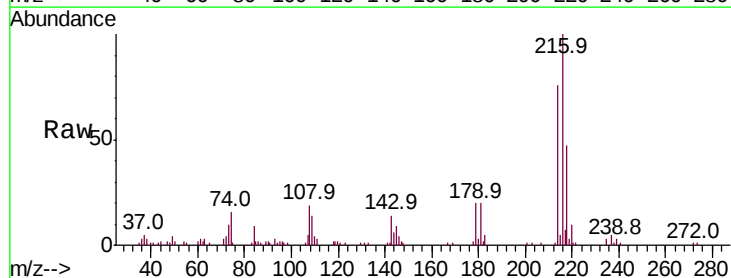


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

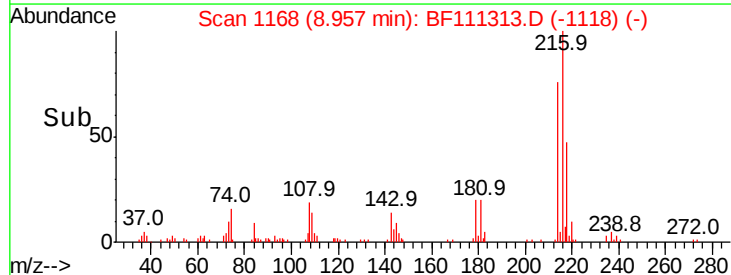
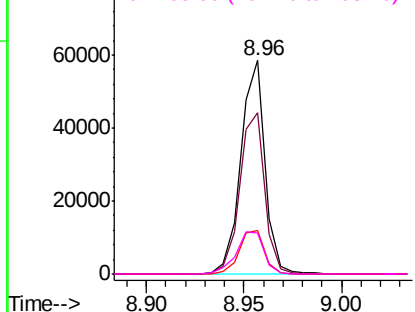


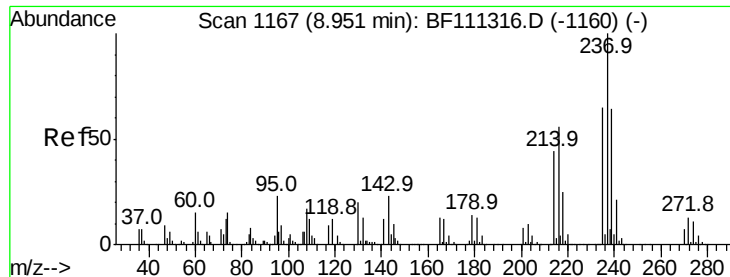
#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.743 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:216 Resp: 50013
Ion Ratio Lower Upper
216 100
214 78.1 63.8 95.8
179 21.7 17.9 26.9
108 22.7 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: 2.090 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

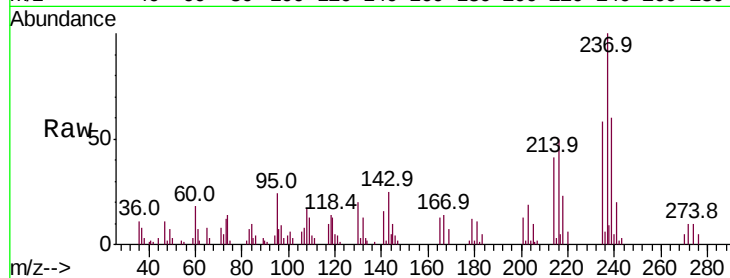
Tot Ion:237 Resp: 21696

Ion Ratio Lower Upper

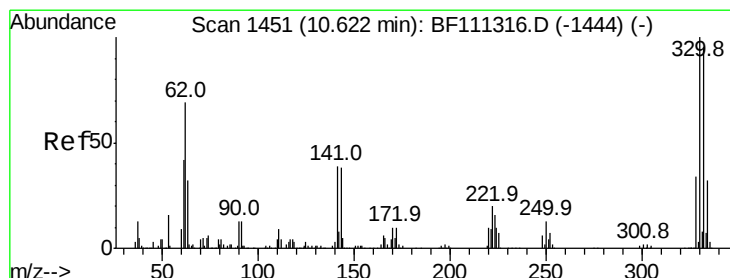
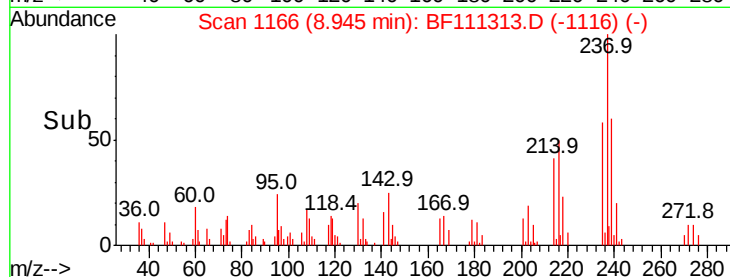
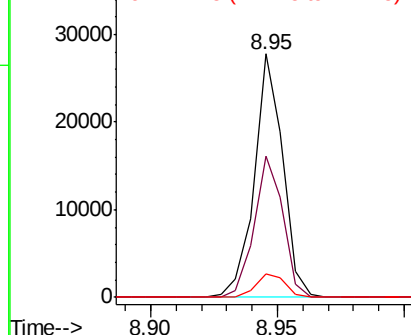
237 100

235 57.9 43.1 83.1

272 9.6 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: 5.388 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

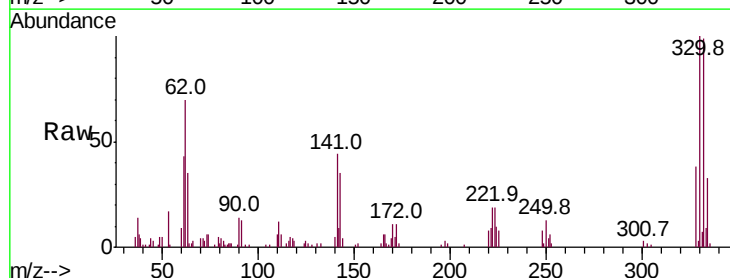
Tgt Ion:330 Resp: 31271

Ion Ratio Lower Upper

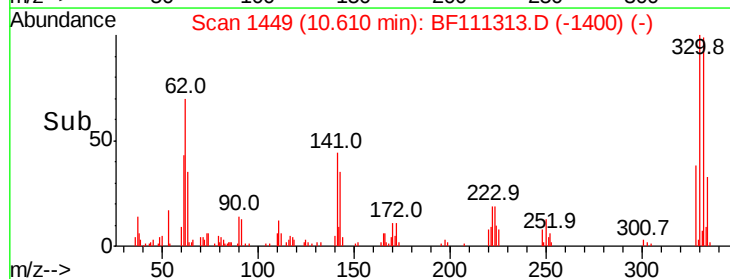
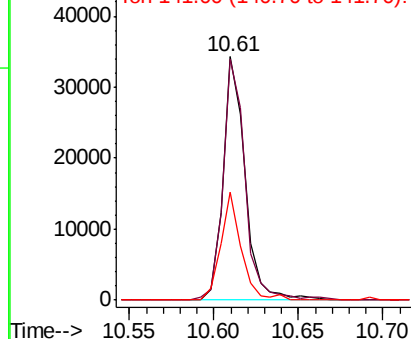
330 100

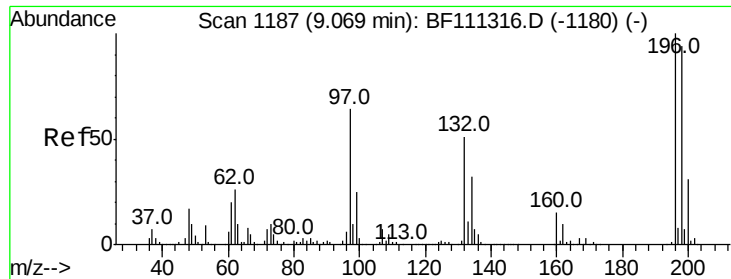
332 99.6 76.0 114.0

141 41.2 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

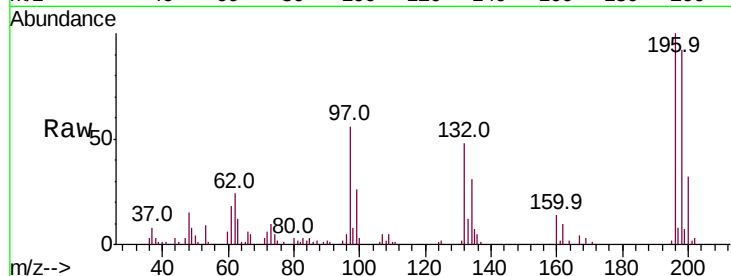




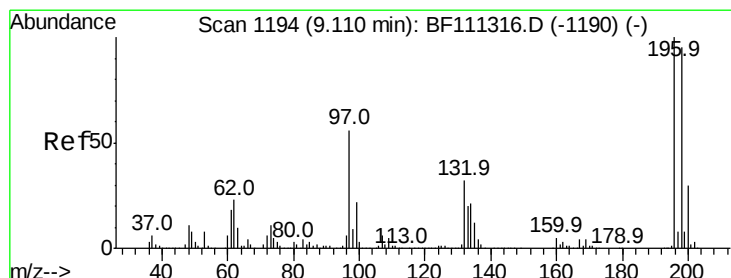
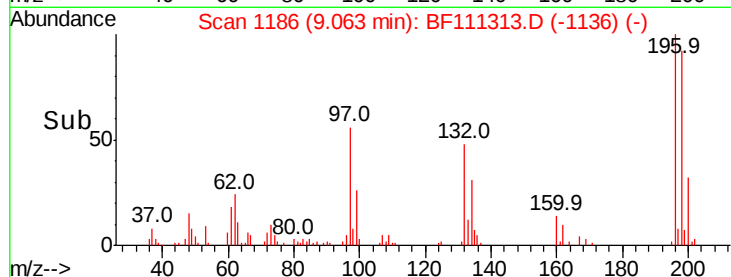
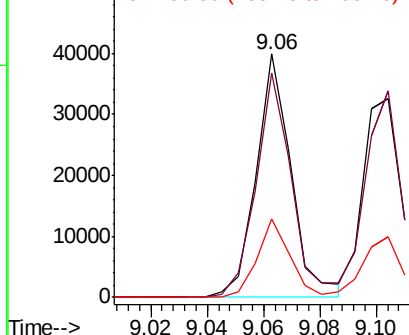
#43
 2,4,6-Trichlorophenol
 Concen: 2.504 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 34273
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.3 114.5
 200 32.5 24.9 37.3

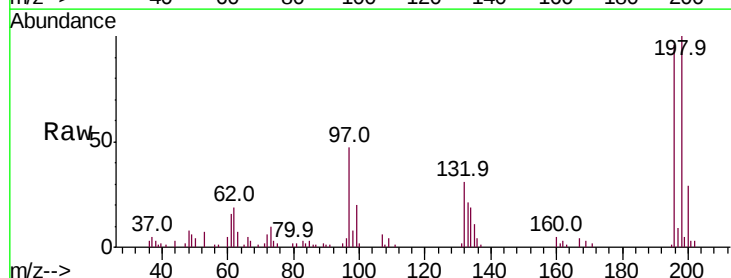


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

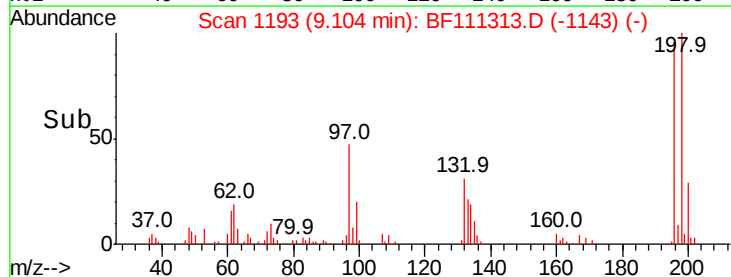
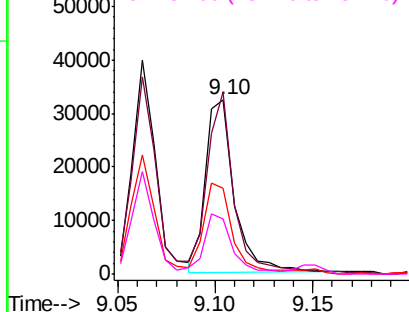


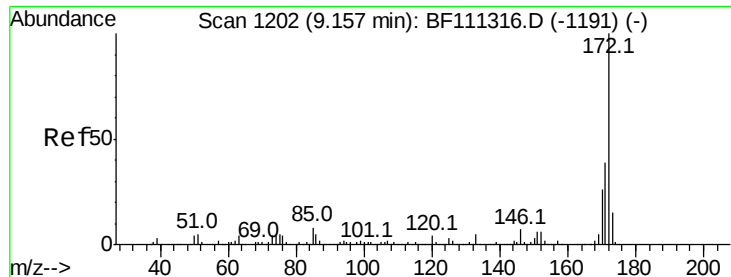
#44
 2,4,5-Trichlorophenol
 Concen: 2.354 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion:196 Resp: 33554
 Ion Ratio Lower Upper
 196 100
 198 103.9 72.9 109.3
 97 49.3 45.3 67.9
 132 31.9 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

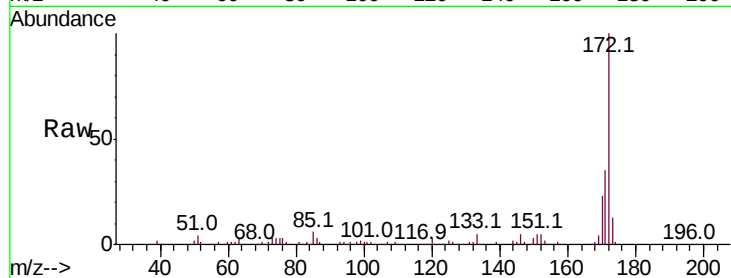




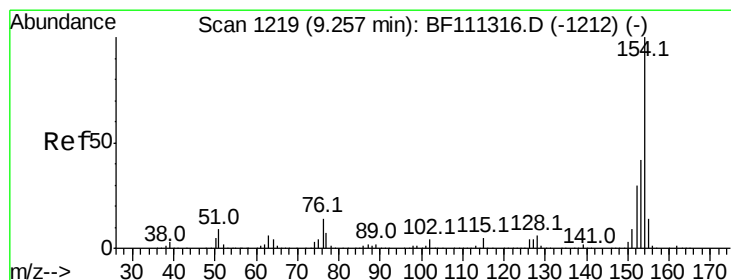
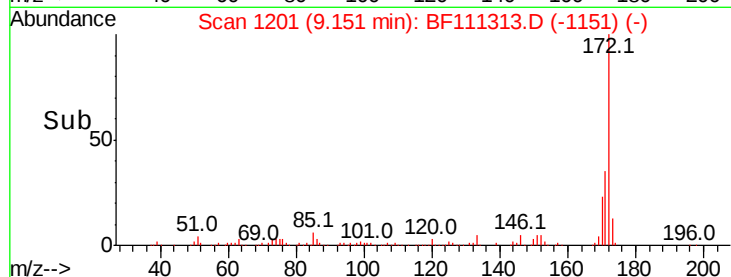
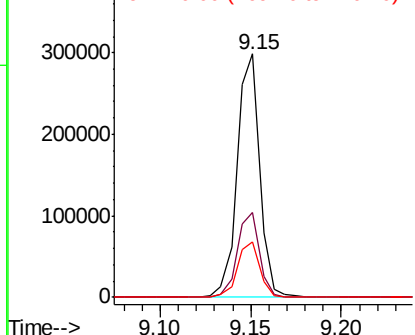
#45
2-Fluorobiphenyl
Concen: 6.226 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	33.0	49.4
170	22.9	22.3	33.5

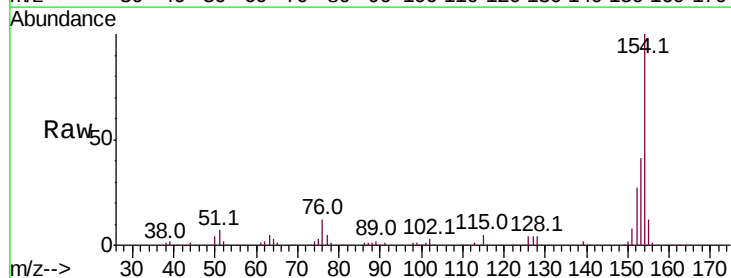


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

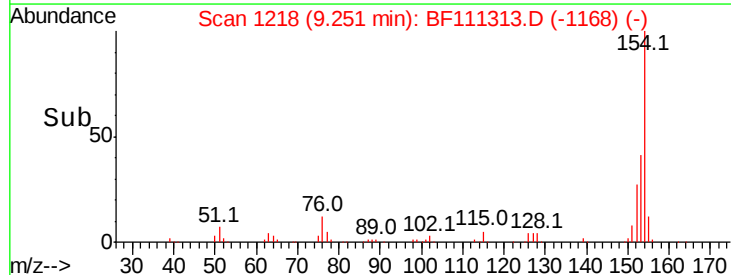
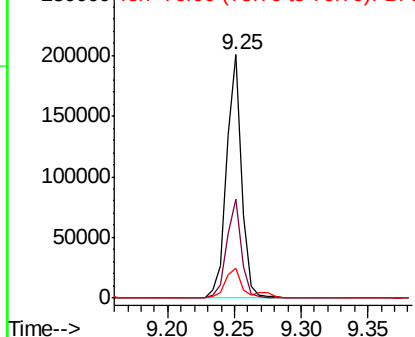


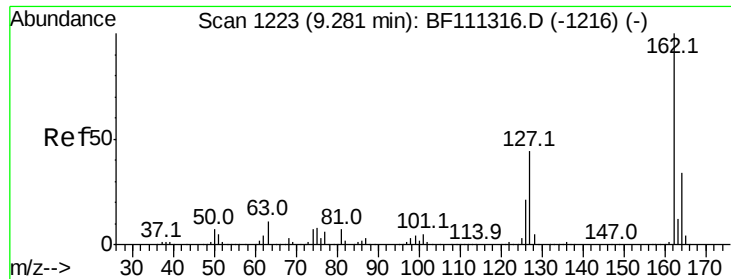
#46
1,1'-Biphenyl
Concen: 2.915 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.7	63.7
76	12.2	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

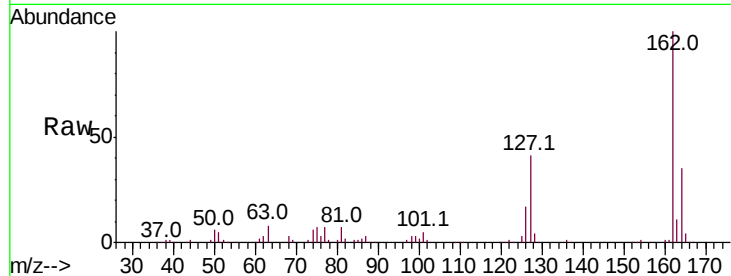




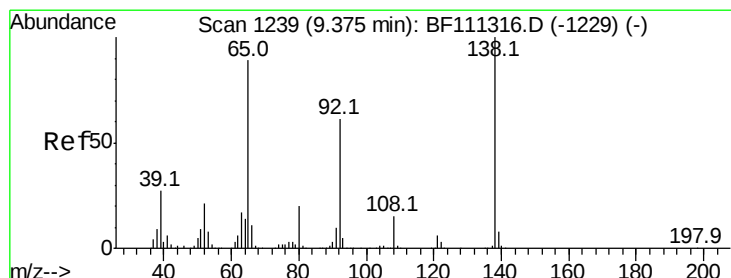
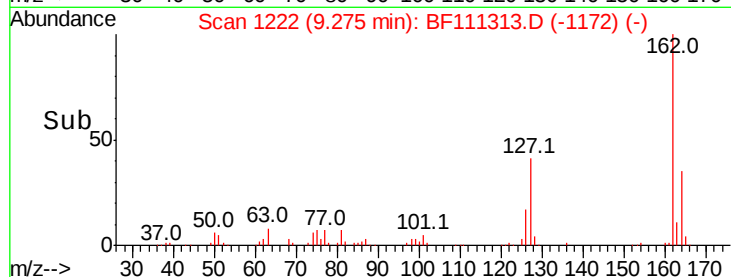
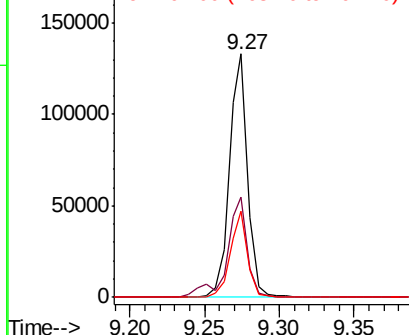
#47
 2-Chloronaphthalene
 Concen: 2.693 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	35.0	52.4
164	35.2	28.4	42.6

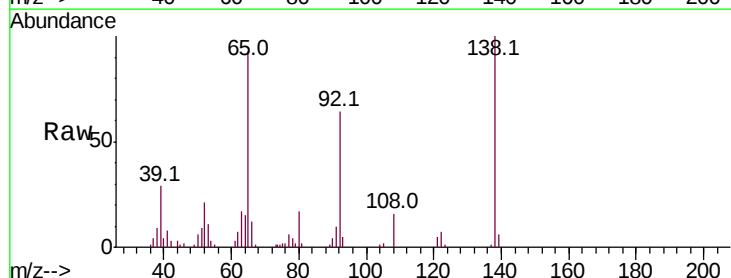


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

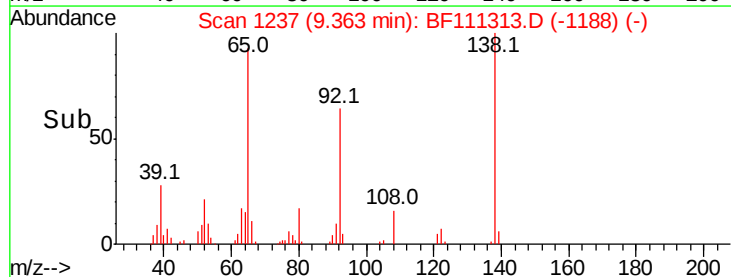
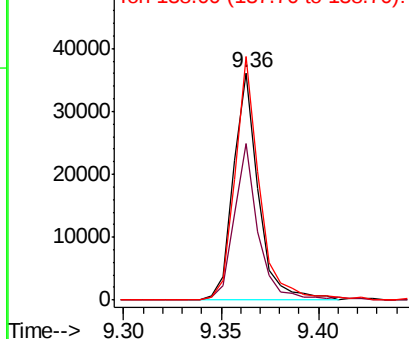


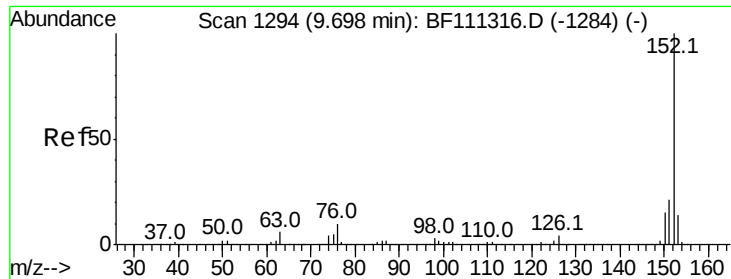
#48
 2-Nitroaniline
 Concen: 2.203 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.5	80.3
138	107.2	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: 2.853 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampled :

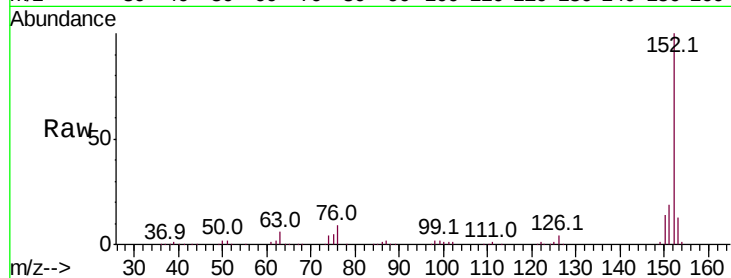
Tot Ion:152 Resp: 177540

Ion Ratio Lower Upper

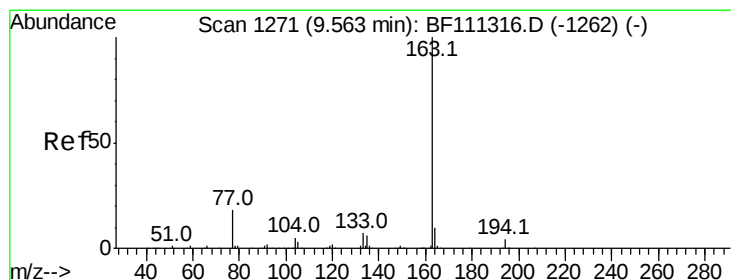
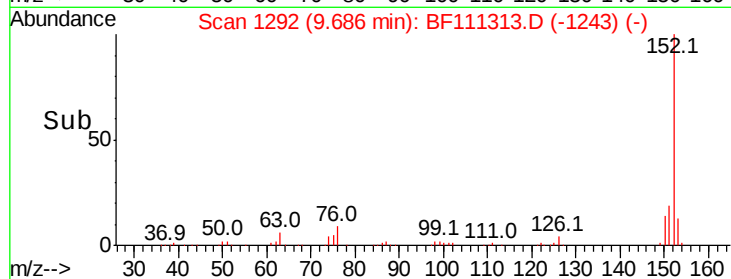
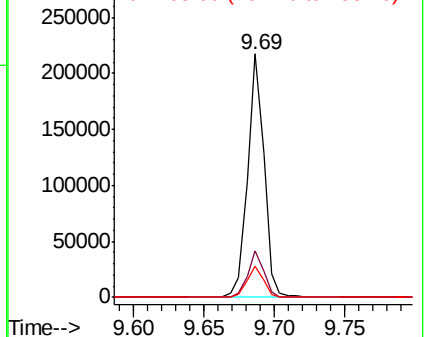
152 100

151 19.2 18.0 27.0

153 12.9 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: 2.705 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

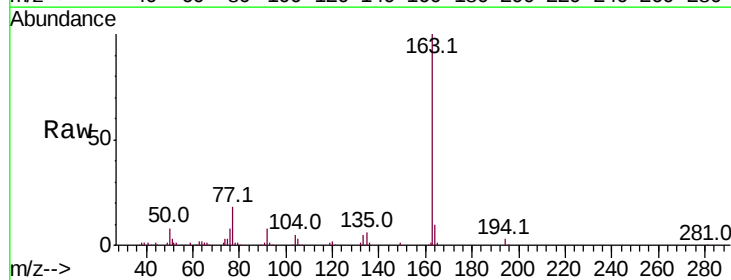
Tgt Ion:163 Resp: 130766

Ion Ratio Lower Upper

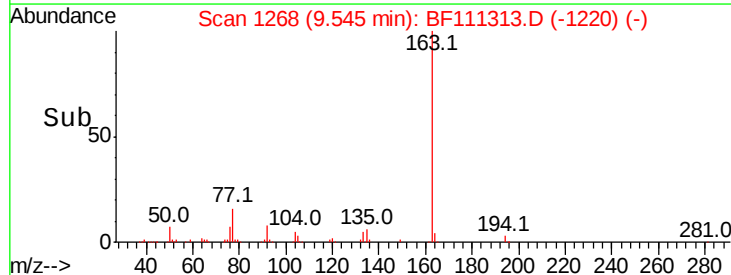
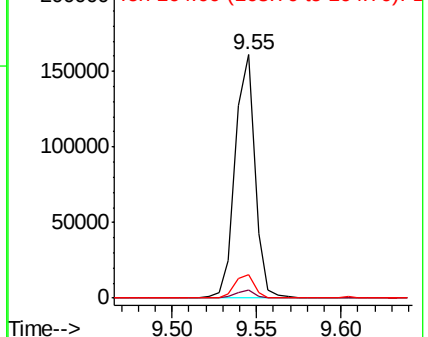
163 100

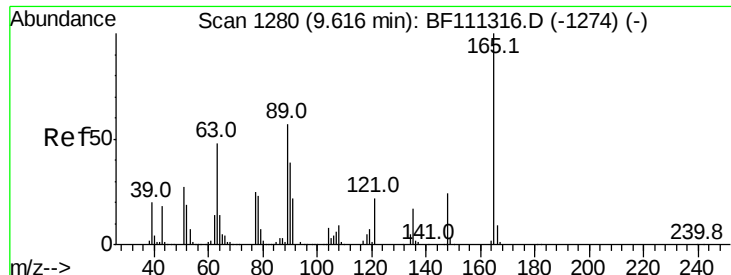
194 3.3 3.0 4.6

164 9.5 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

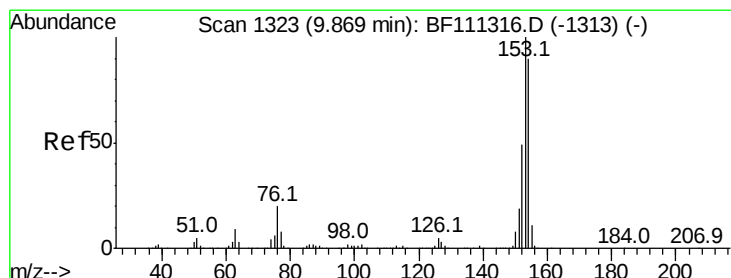
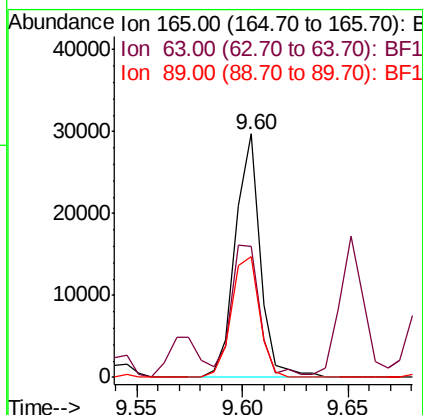
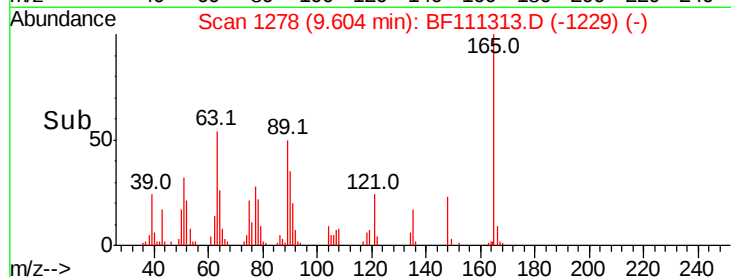
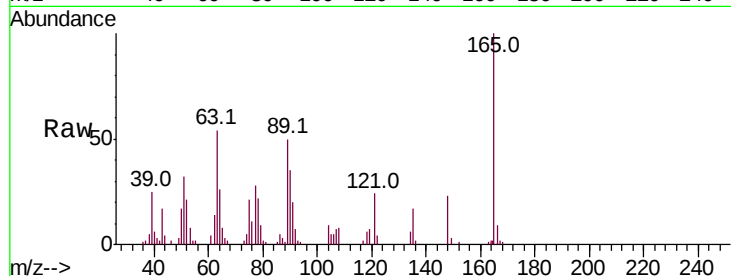




#51
2,6-Dinitrotoluene
Concen: 2.264 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

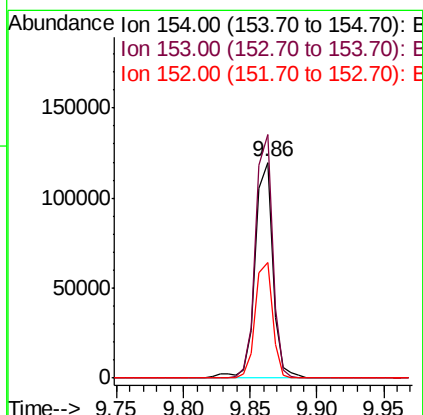
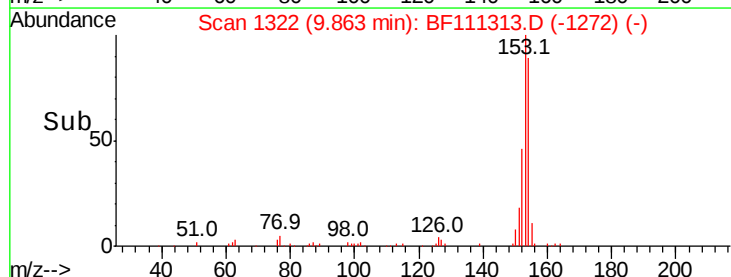
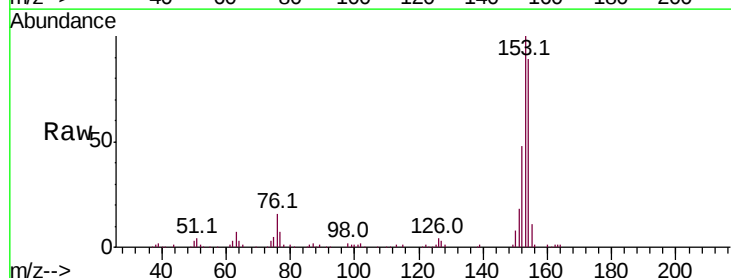
Instrument :
BNA_F
ClientSampleId :

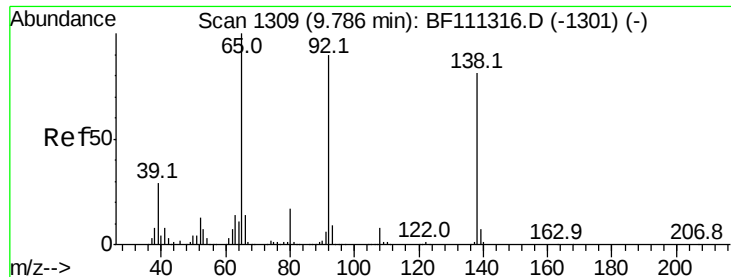
Tot Ion:165 Resp: 24167
Ion Ratio Lower Upper
165 100
63 53.6 40.5 60.7
89 49.7 40.0 60.0



#52
Acenaphthene
Concen: 2.787 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:154 Resp: 108860
Ion Ratio Lower Upper
154 100
153 112.9 87.8 131.8
152 53.7 43.4 65.2

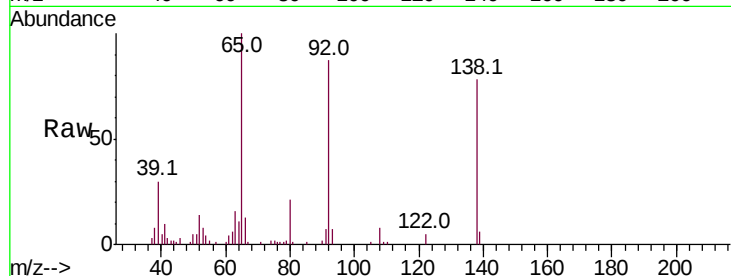




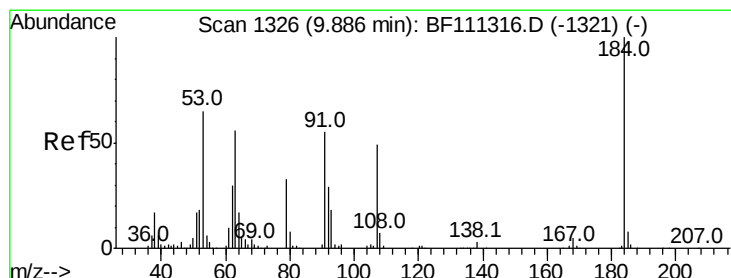
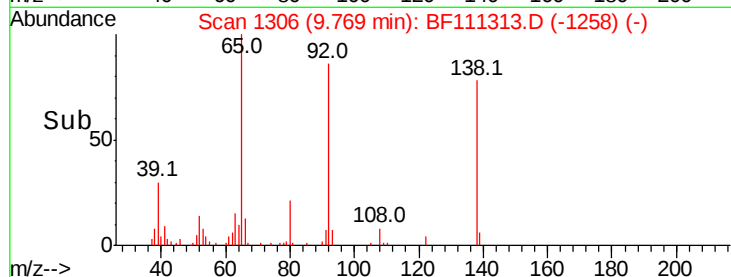
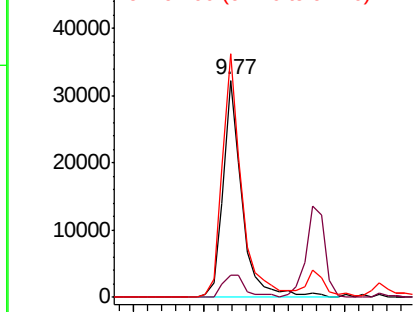
#53
3-Nitroaniline
Concen: 2.273 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 29953
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.4
92 112.3 93.4 140.2

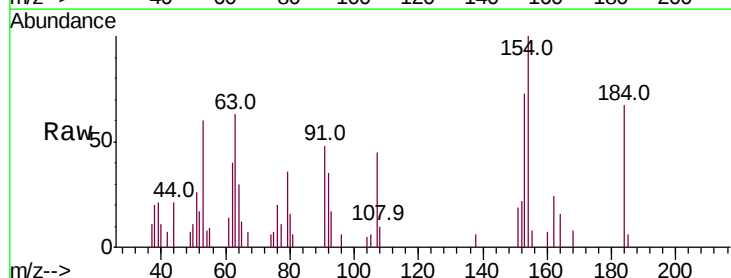


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

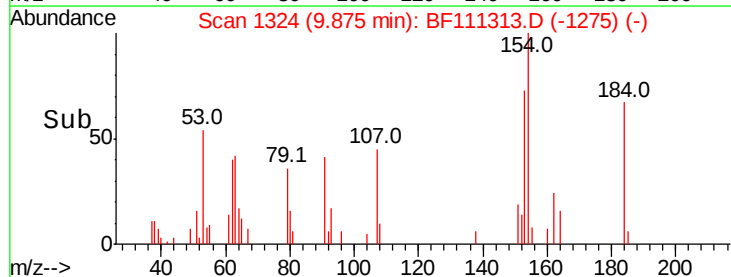
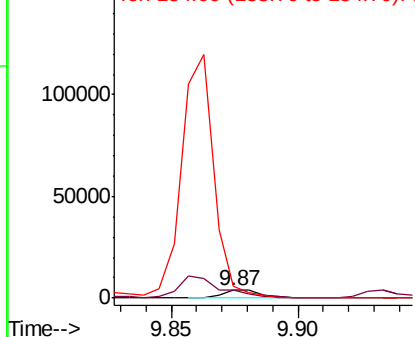


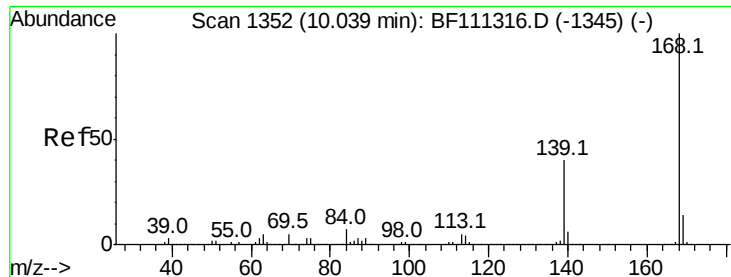
#54
2,4-Dinitrophenol
Concen: 1.018 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:184 Resp: 4297
Ion Ratio Lower Upper
184 100
63 95.3 62.3 93.5#
154 150.1 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

Dibenzofuran

Concen: 3.081 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

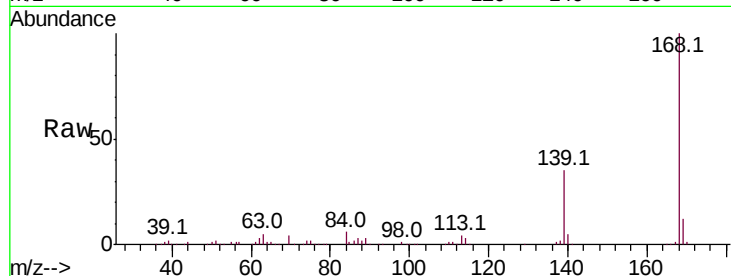
Tot Ion:168 Resp: 163702

Ion Ratio Lower Upper

168 100

139 35.1 32.6 49.0

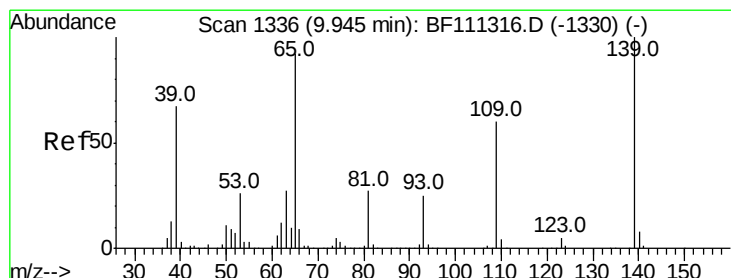
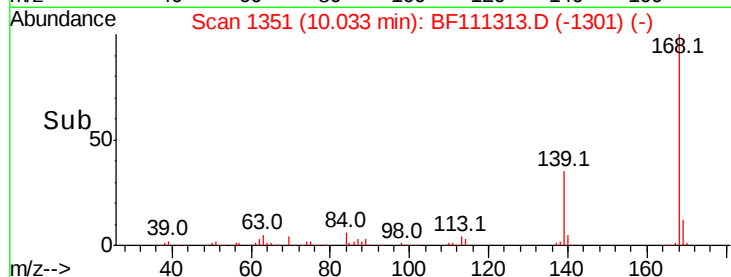
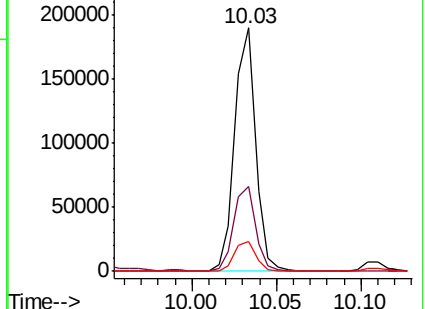
169 12.2 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 1.856 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

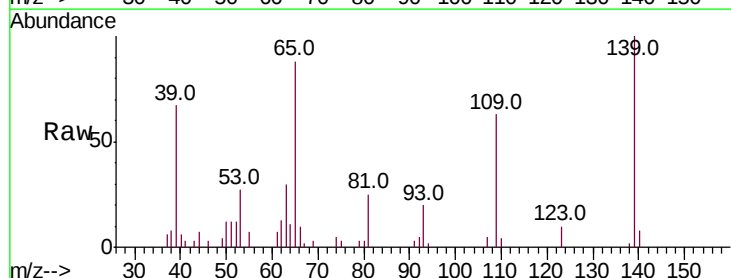
Tgt Ion:139 Resp: 19046

Ion Ratio Lower Upper

139 100

109 63.1 41.8 81.8

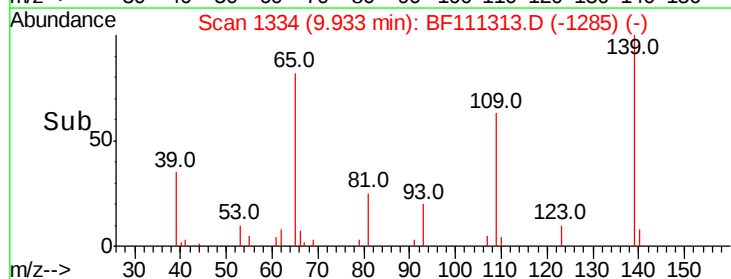
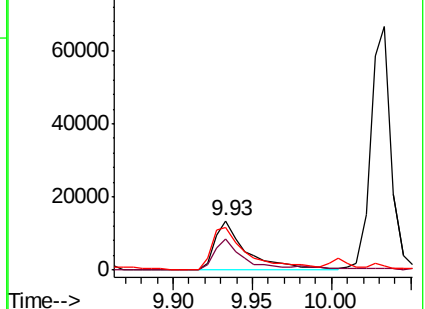
65 87.8 79.6 119.6

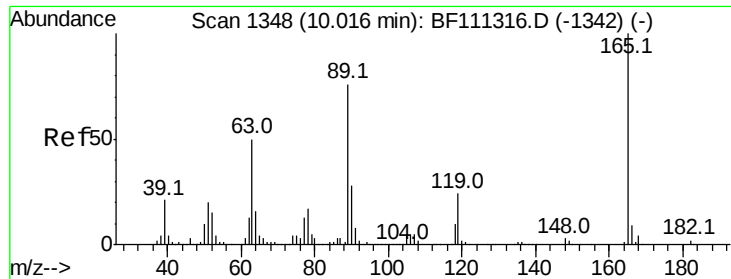


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

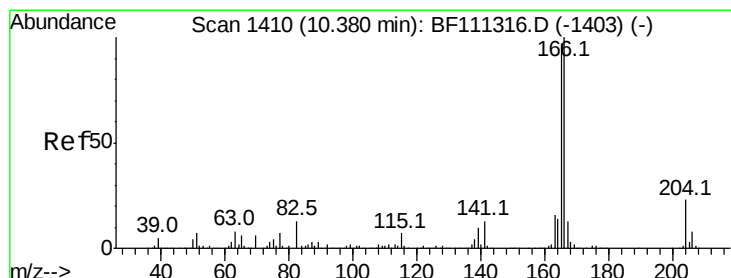
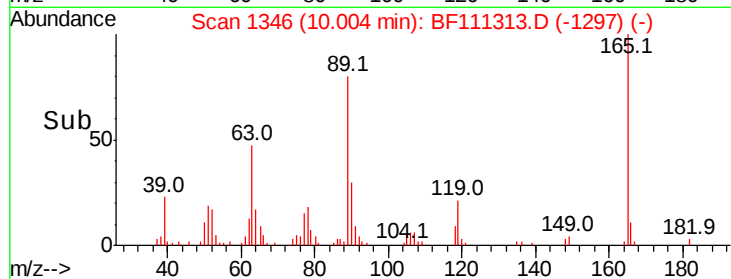
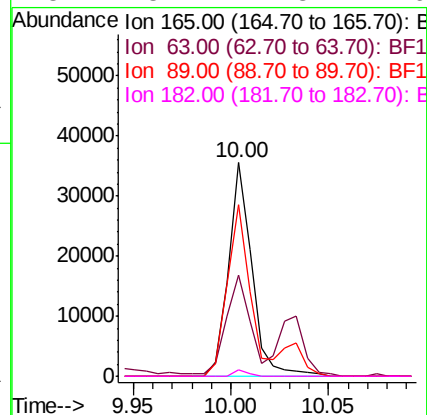
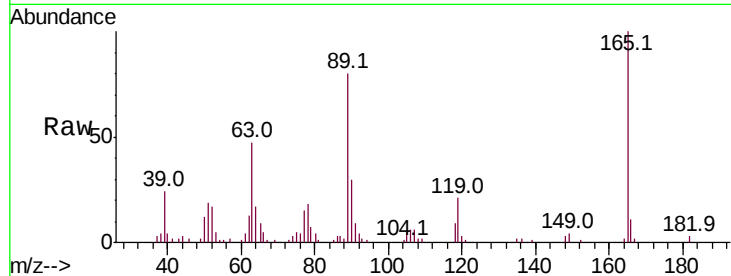




#57
2,4-Dinitrotoluene
Concen: 2.254 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

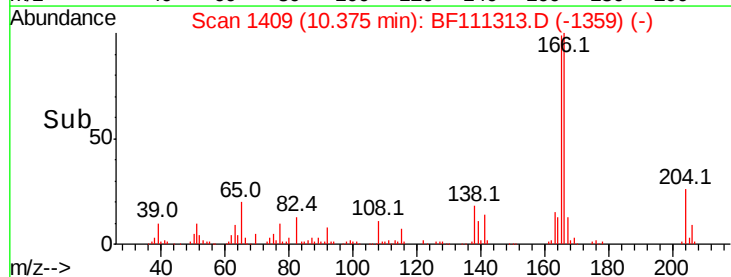
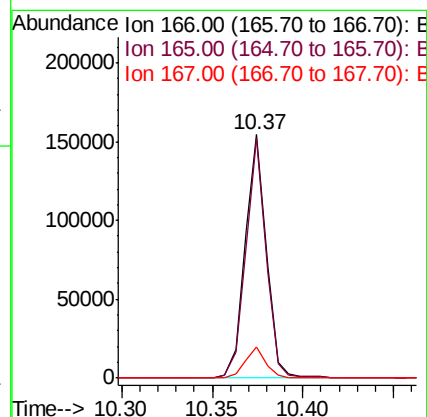
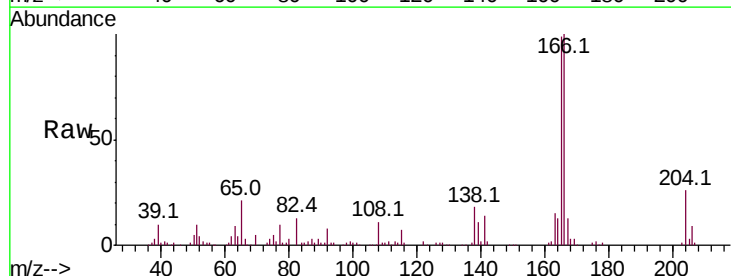
Instrument :
BNA_F
ClientSampleId :

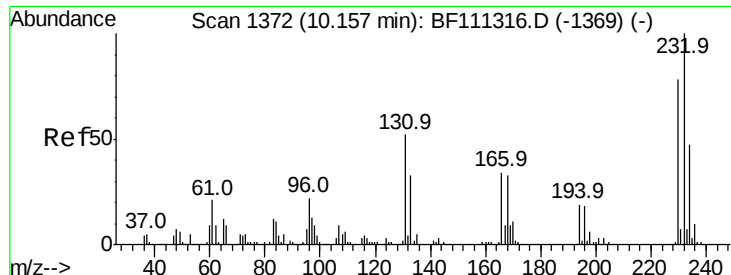
Tot Ion:165 Resp: 29670
Ion Ratio Lower Upper
165 100
63 47.3 34.6 52.0
89 80.4 56.2 84.4
182 3.1 1.8 2.6#



#58
Fluorene
Concen: 3.047 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:166 Resp: 125285
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 12.7 11.2 16.8

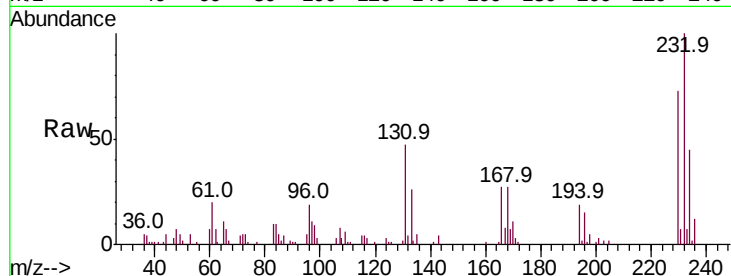




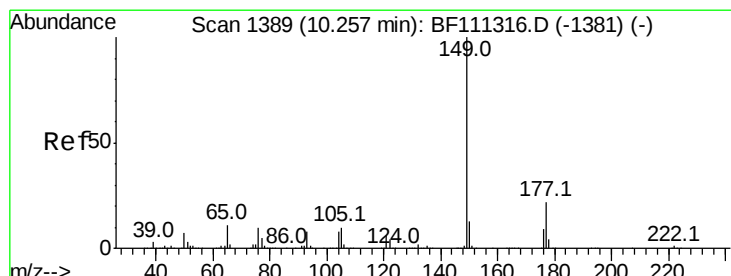
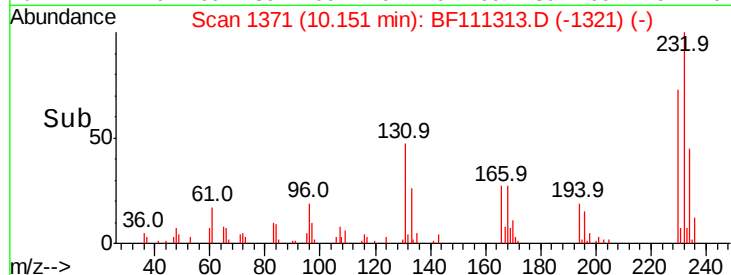
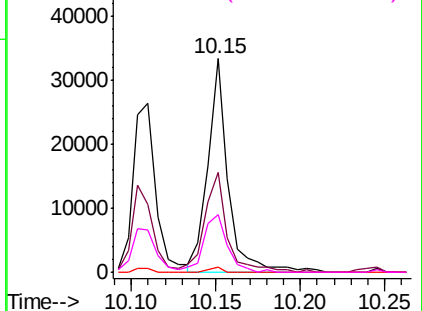
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.619 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	28304
Ion	Ratio	Lower	Upper
232	100		
131	51.4	40.9	61.3
130	1.3	2.0	3.0#
166	31.5	26.8	40.2

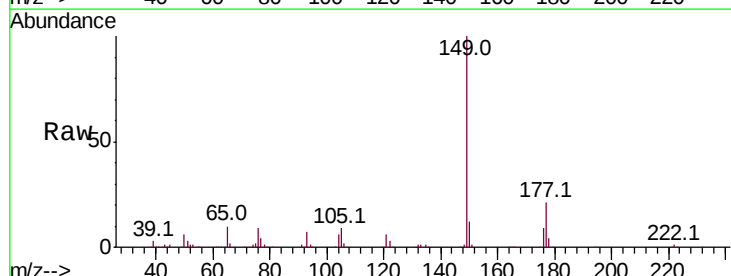


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

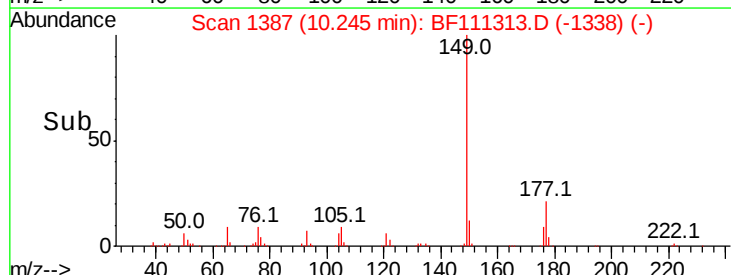
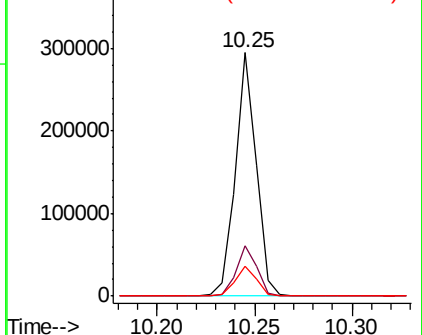


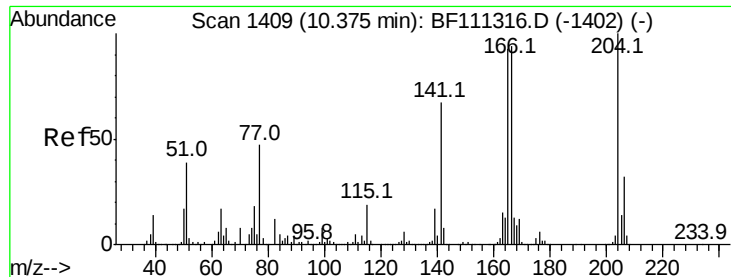
#60
 Diethylphthalate
 Concen: 4.752 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion:	149	Resp:	219005
Ion	Ratio	Lower	Upper
149	100		
177	20.5	18.3	27.5
150	12.3	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

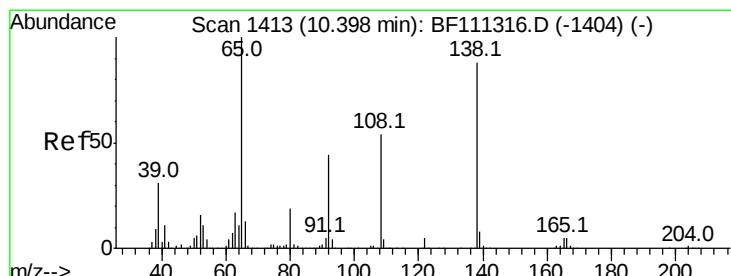
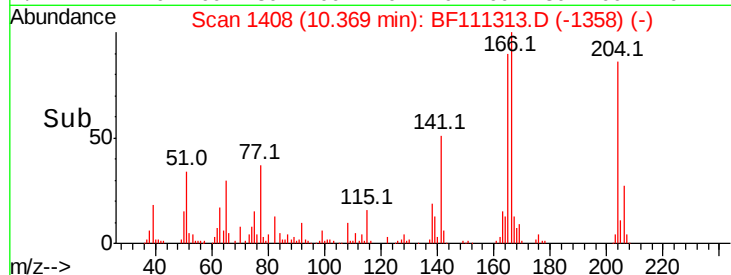
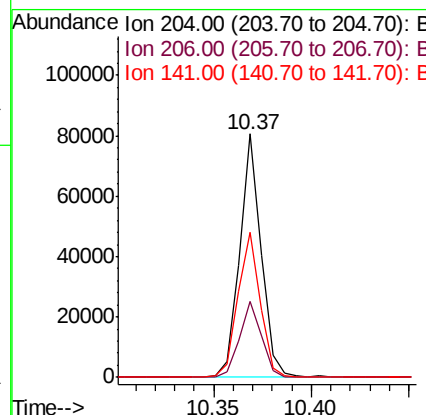
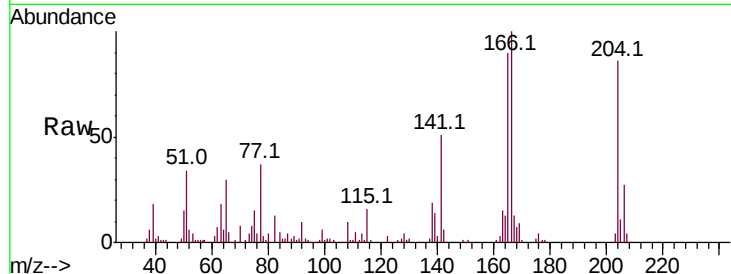




#61
 4-Chlorophenyl-phenylether
 Concen: 3.005 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

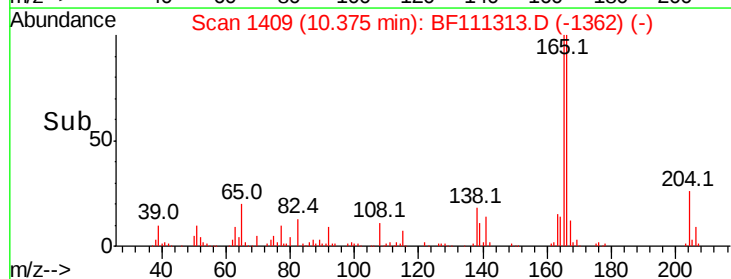
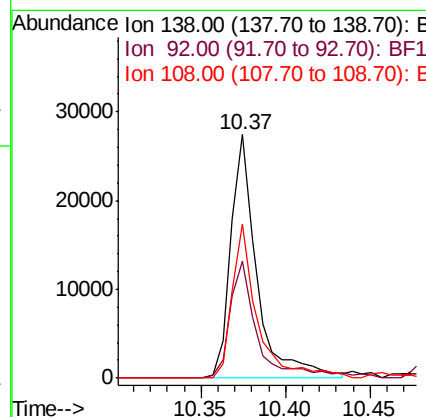
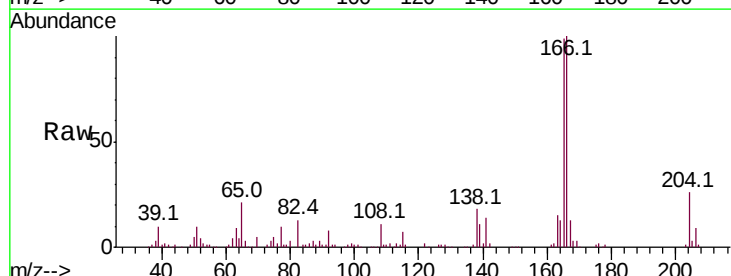
Instrument :
 BNA_F
 ClientSampled :

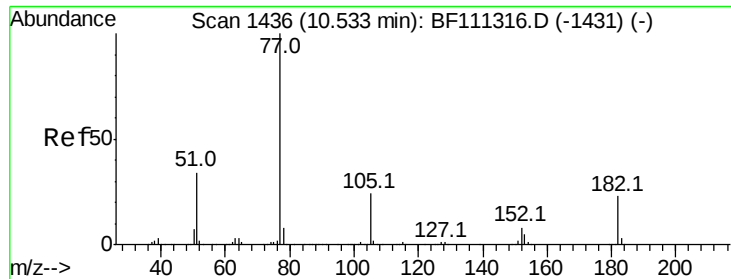
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.6	39.8
141	59.4	52.6	78.8



#62
 4-Nitroaniline
 Concen: 2.364 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	29.9	69.9
108	63.1	43.2	83.2





#63

Azobenzene

Concen: 2.799 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 133961

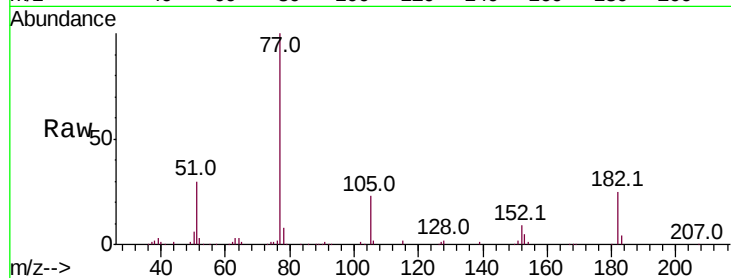
Ion Ratio Lower Upper

77 100

182 24.6 4.9 44.9

105 23.3 6.0 46.0

51 30.5 14.7 54.7

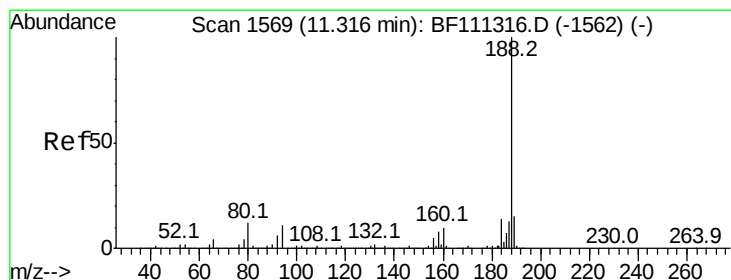
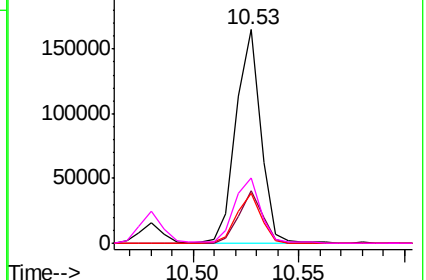
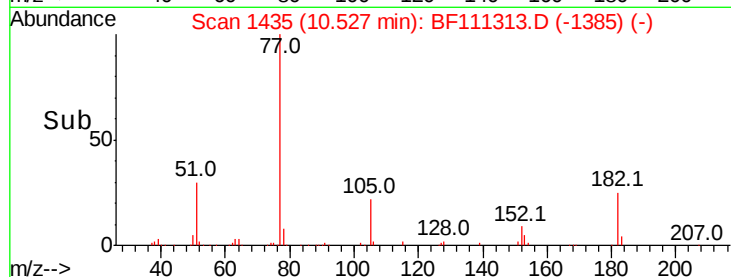


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

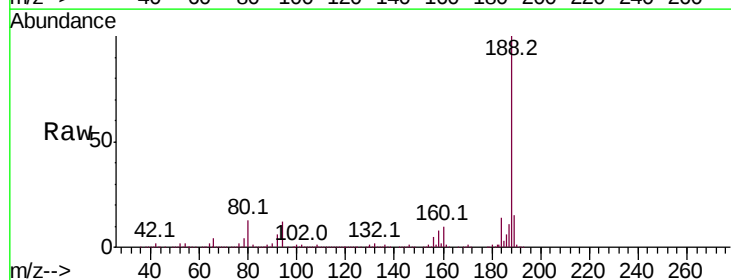
Tgt Ion: 188 Resp: 1173447

Ion Ratio Lower Upper

188 100

94 12.0 9.6 14.4

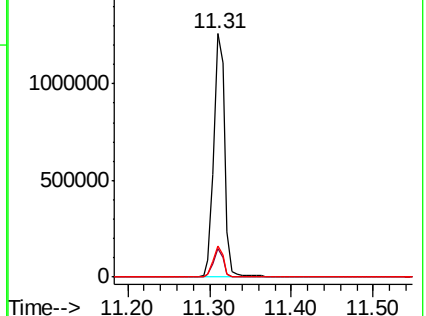
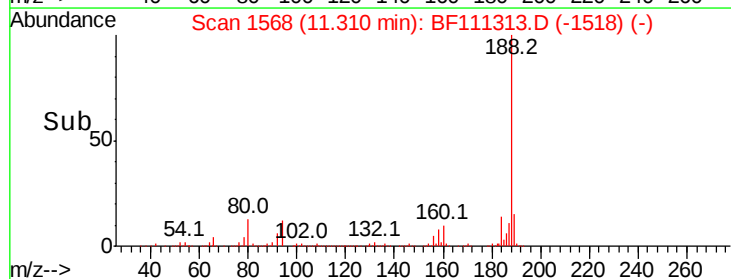
80 12.8 9.8 14.6

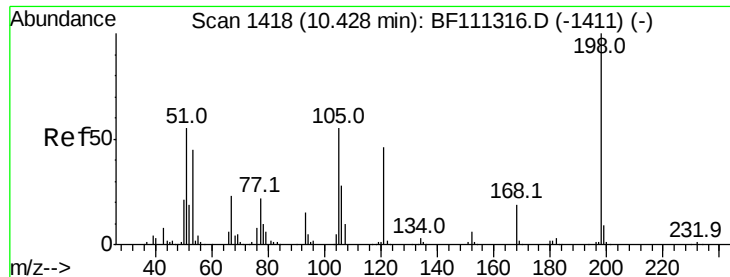


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

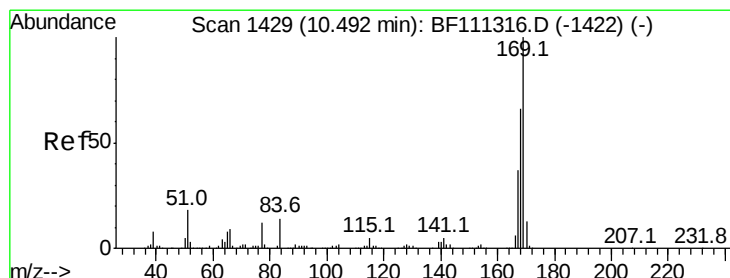
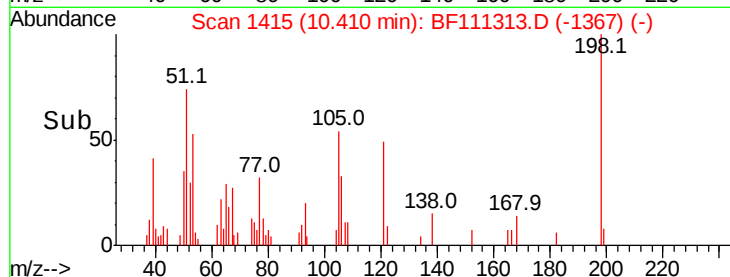
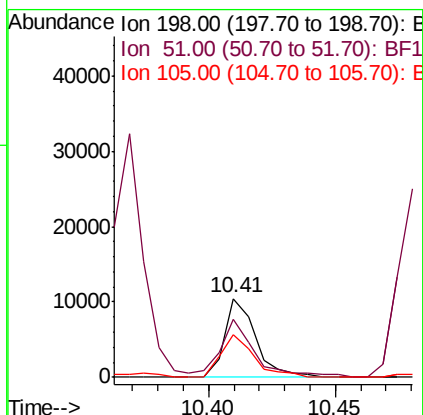
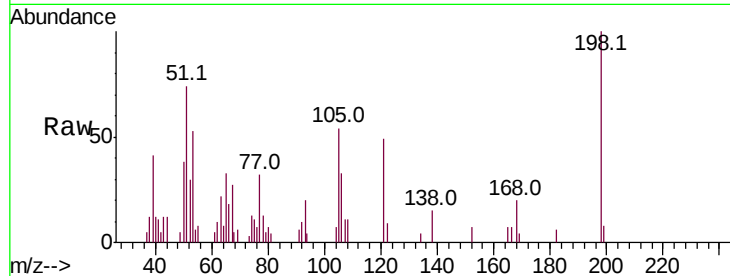




#65
4,6-Dinitro-2-methylphenol
Concen: 1.403 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

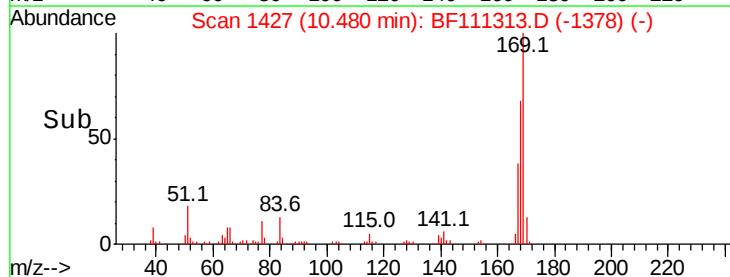
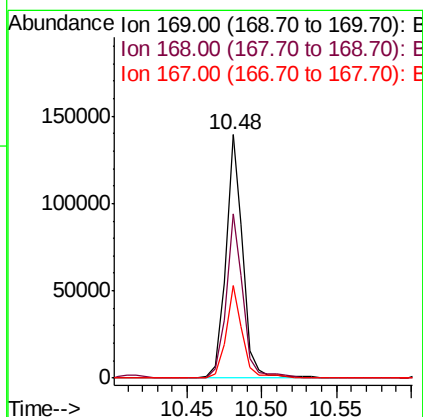
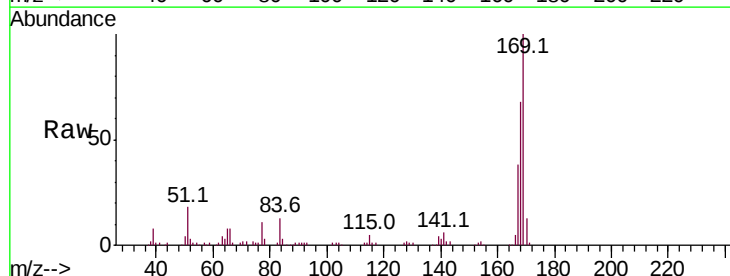
Instrument :
BNA_F
ClientSampled :

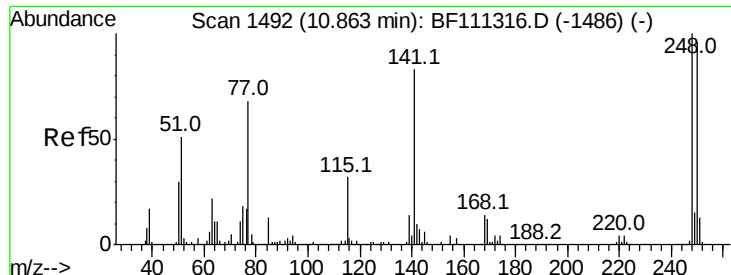
Tot Ion:198 Resp: 8884
Ion Ratio Lower Upper
198 100
51 73.6 48.0 88.0
105 53.5 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 2.815 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:169 Resp: 112425
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 38.2 30.5 45.7

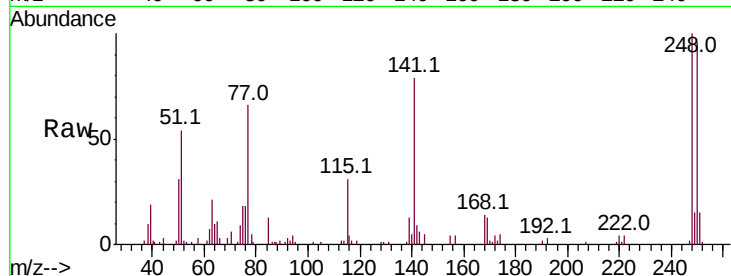




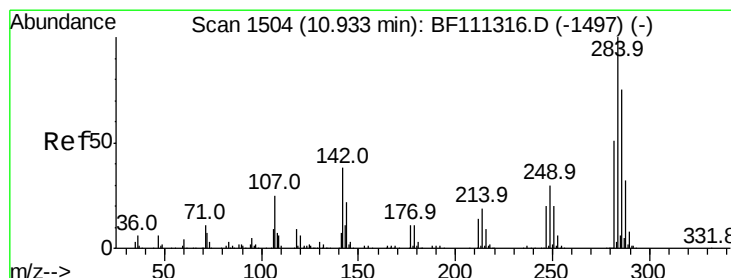
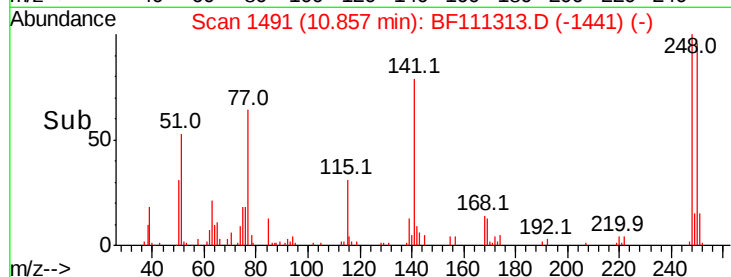
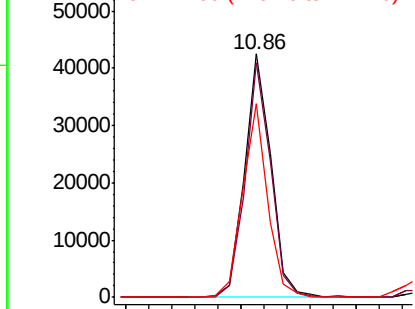
#67
 4-Bromophenyl-phenylether
 Concen: 2.637 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 33888
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.0 115.4
 141 79.3 63.0 94.6

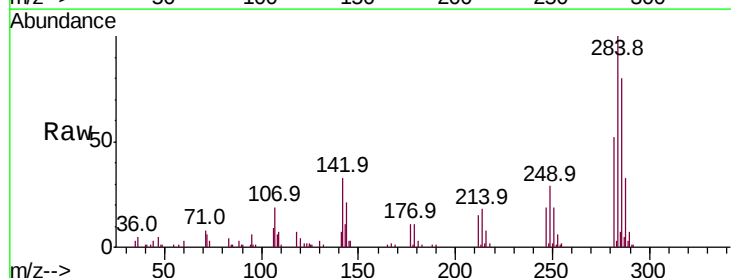


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

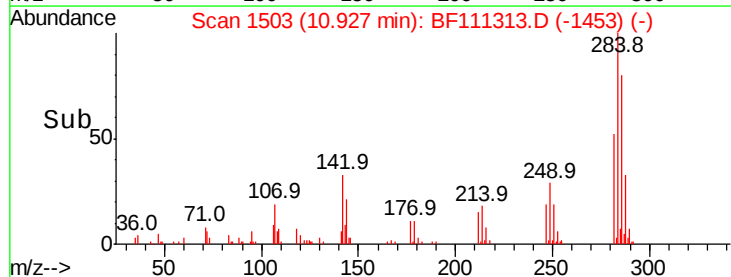
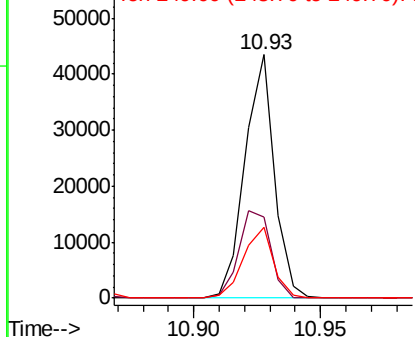


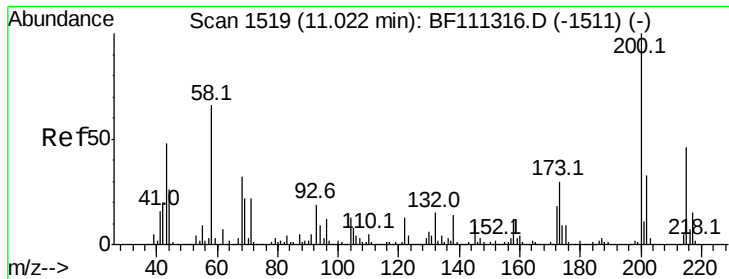
#68
 Hexachlorobenzene
 Concen: 2.692 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion:284 Resp: 35193
 Ion Ratio Lower Upper
 284 100
 142 33.1 27.4 41.2
 249 29.2 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

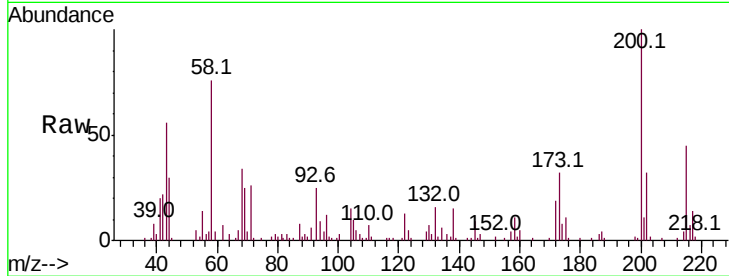




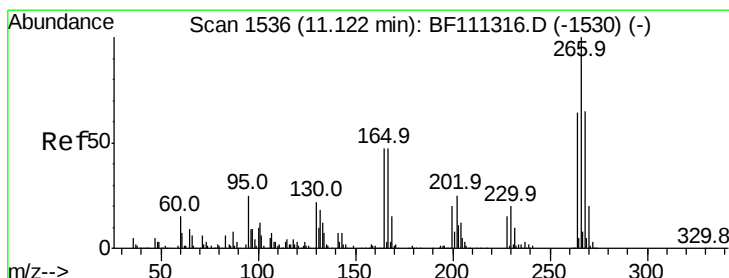
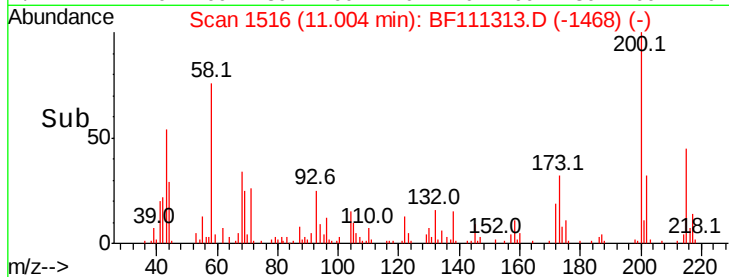
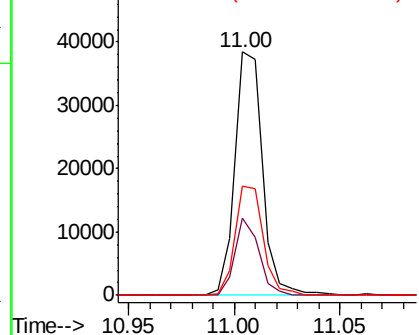
#69
Atrazine
Concen: 2.851 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 34632
Ion Ratio Lower Upper
200 100
173 31.7 10.1 50.1
215 45.0 26.9 66.9

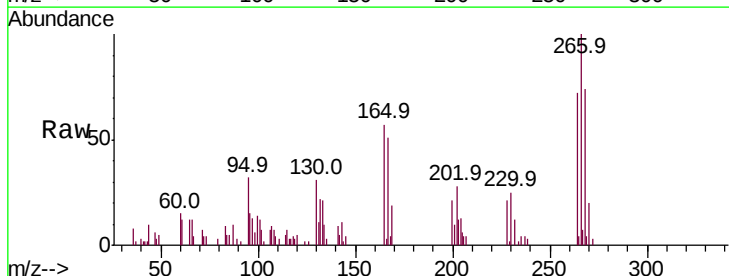


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

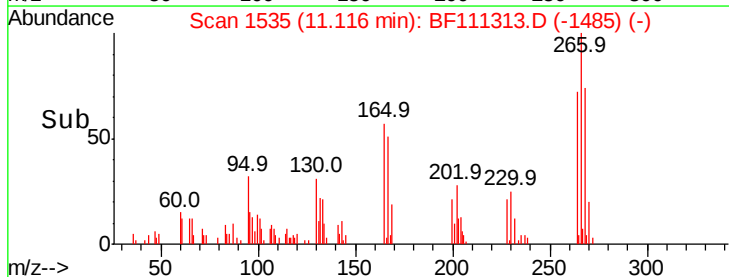
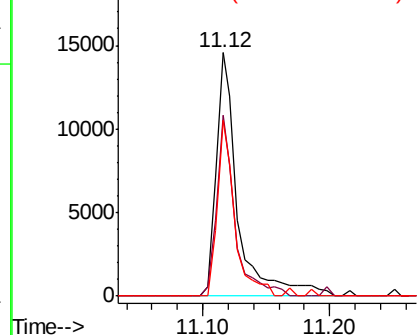


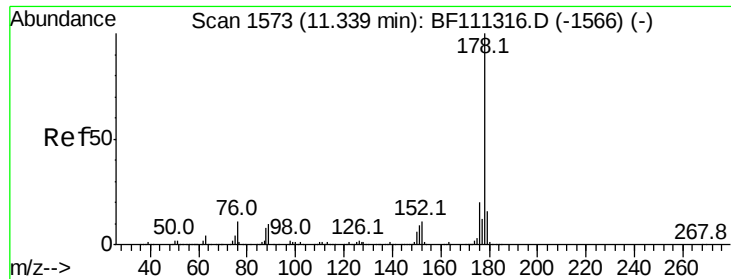
#70
Pentachlorophenol
Concen: 1.850 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:266 Resp: 17547
Ion Ratio Lower Upper
266 100
268 74.4 47.9 71.9#
264 72.2 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: 2.949 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampled :

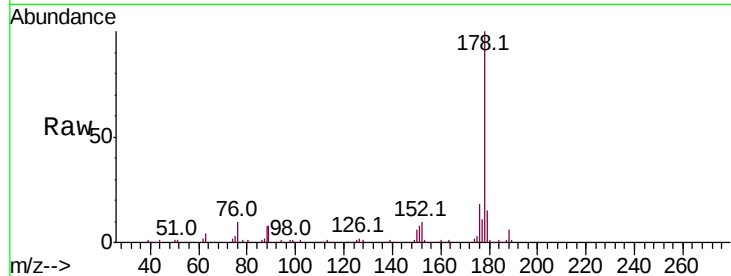
Tot Ion:178 Resp: 174530

Ion Ratio Lower Upper

178 100

176 18.2 18.1 27.1

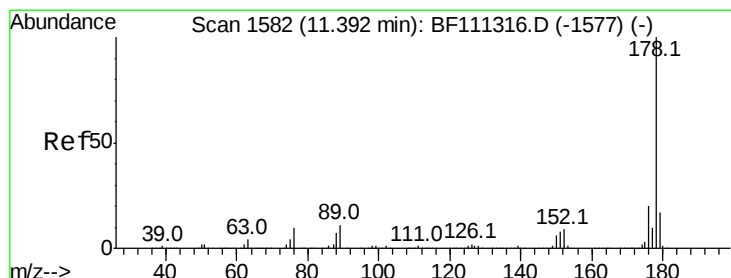
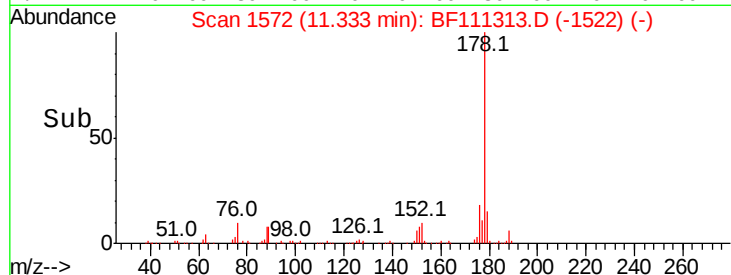
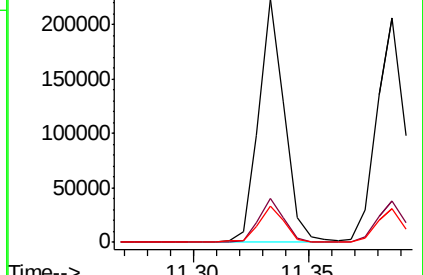
179 14.9 14.0 21.0



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: 2.864 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

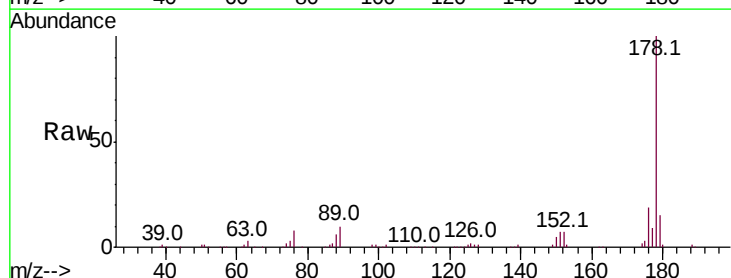
Tgt Ion:178 Resp: 177352

Ion Ratio Lower Upper

178 100

176 18.7 17.2 25.8

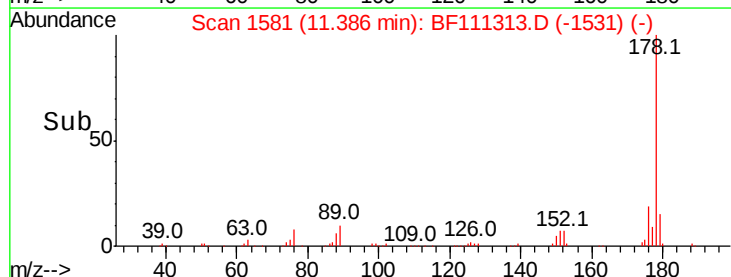
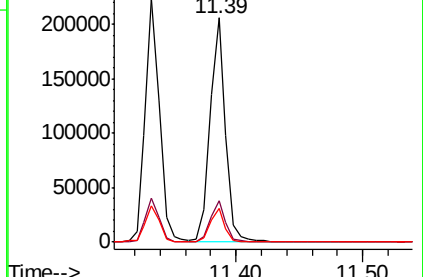
179 15.0 13.8 20.8

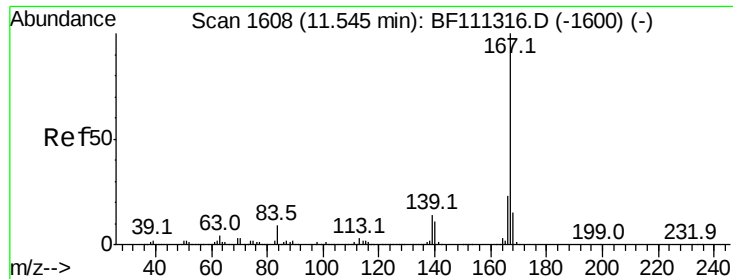


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

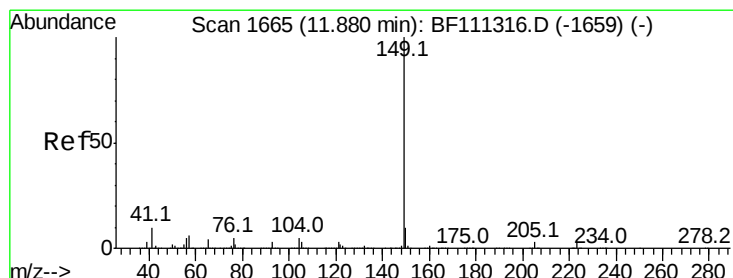
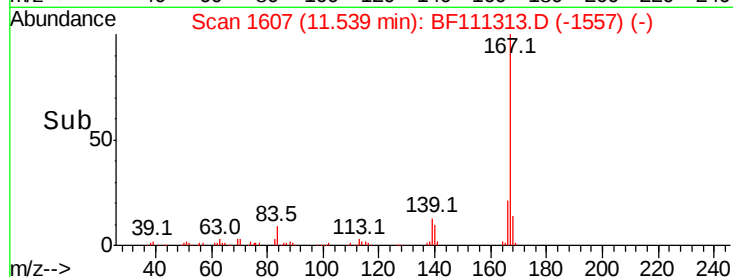
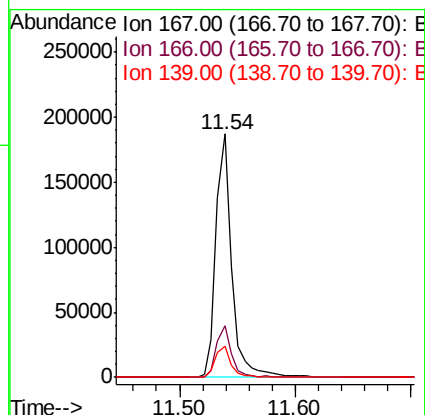
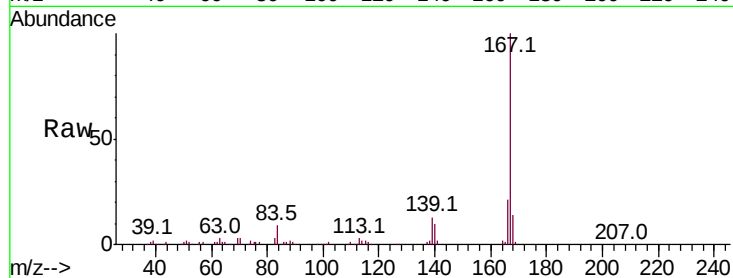




#73
 Carbazole
 Concen: 2.759 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

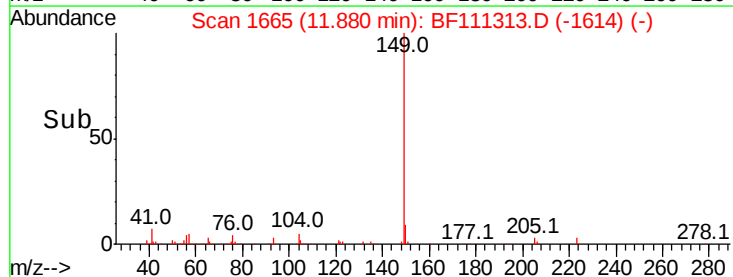
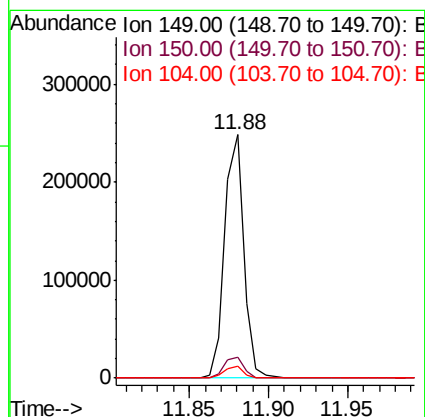
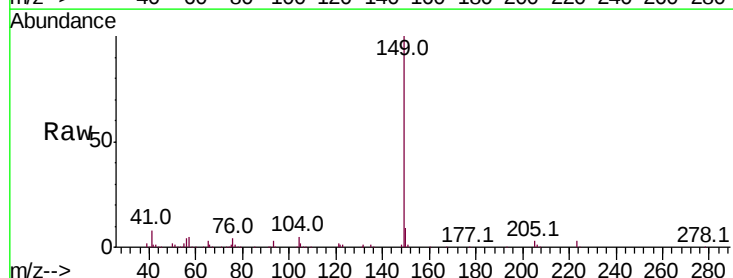
Instrument :
 BNA_F
 ClientSampleId :

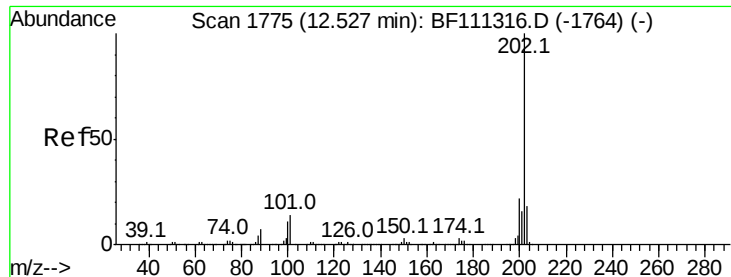
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	19.3	28.9
139	12.7	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 3.114 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111313.D
 Acq: 12 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	8.8	13.2
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 3.165 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

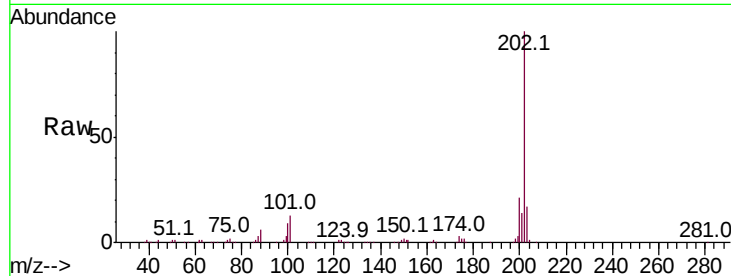
Tot Ion:202 Resp: 171140

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.8

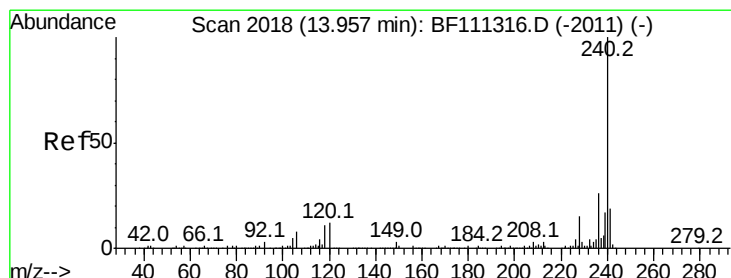
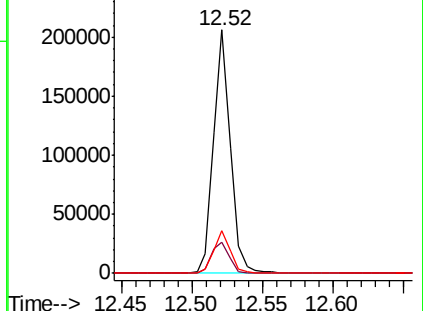
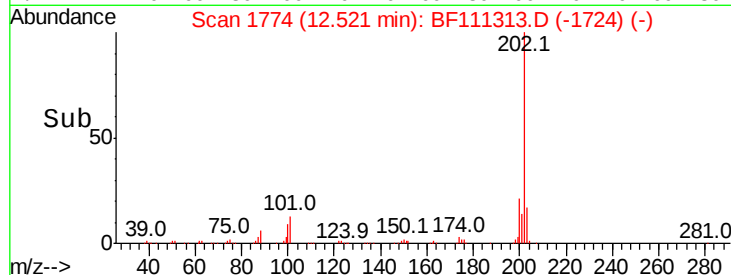
203 17.4 0.0 38.6



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: BF111313.D

Acq: 12 Dec 2018 9:47

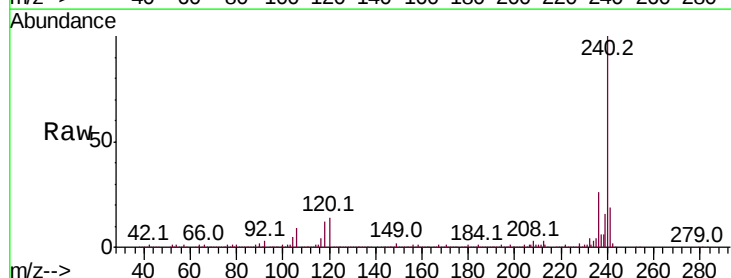
Tgt Ion:240 Resp: 941309

Ion Ratio Lower Upper

240 100

120 13.7 12.2 18.2

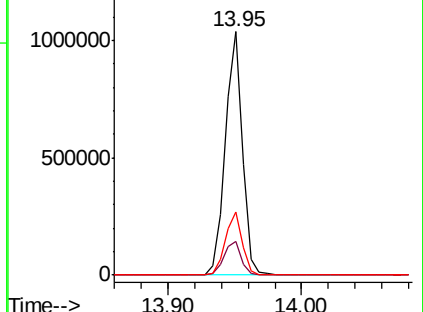
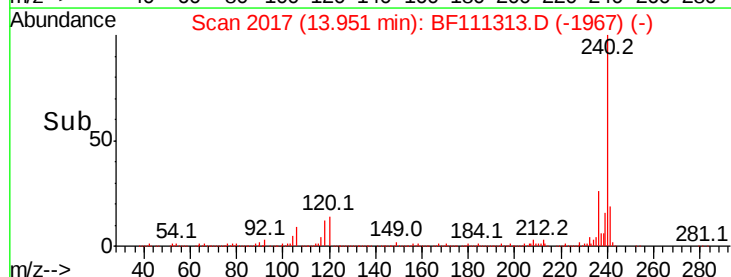
236 25.7 20.2 30.2

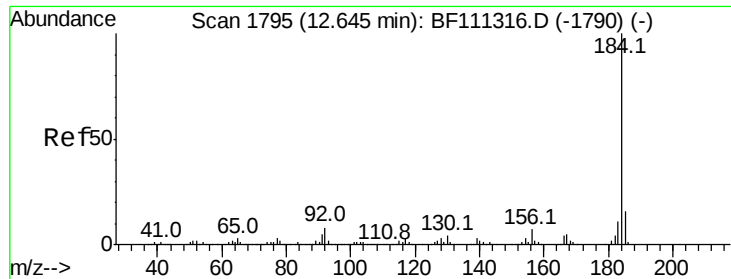


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.856 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

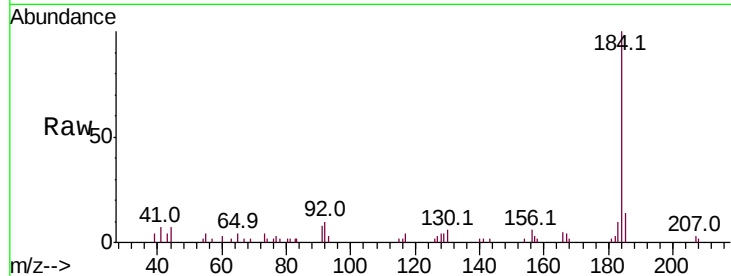
Tot Ion:184 Resp: 23932

Ion Ratio Lower Upper

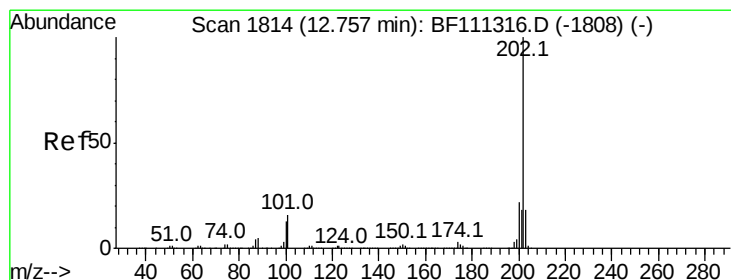
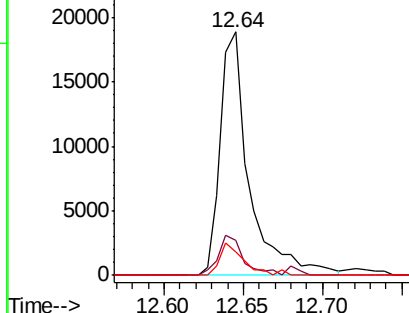
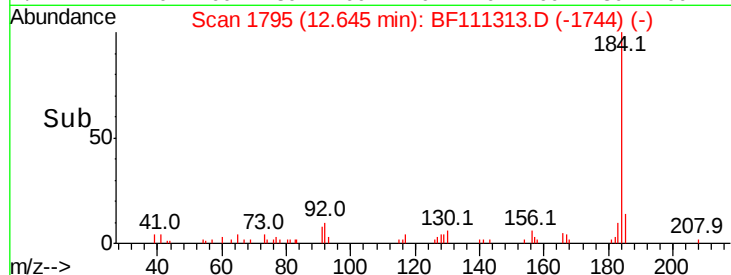
184 100

185 14.2 13.0 19.6

183 9.9 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: 2.544 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.24 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

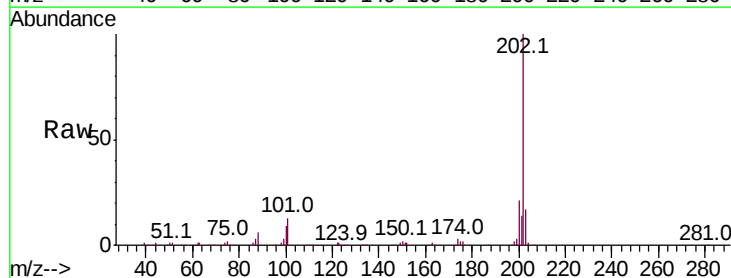
Tgt Ion:202 Resp: 171140

Ion Ratio Lower Upper

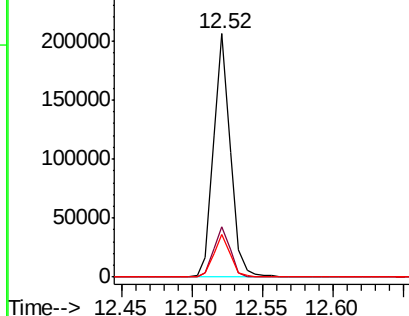
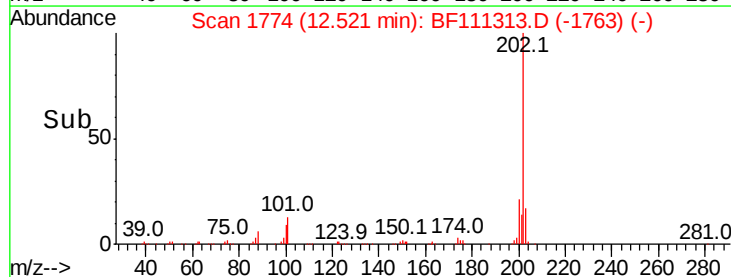
202 100

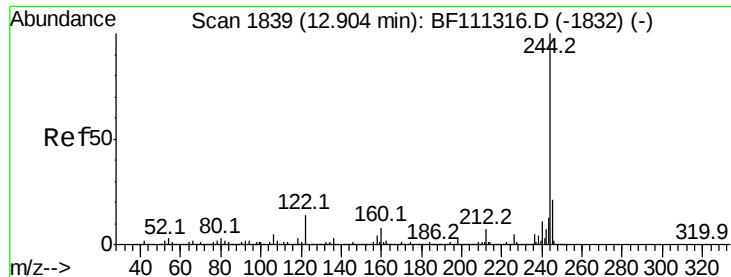
200 20.7 19.0 28.4

203 17.4 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: 5.885 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

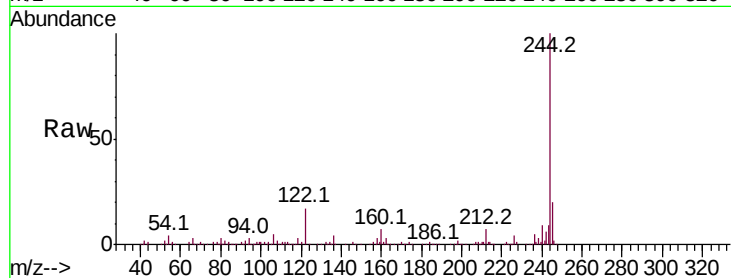
Tot Ion:244 Resp: 230959

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

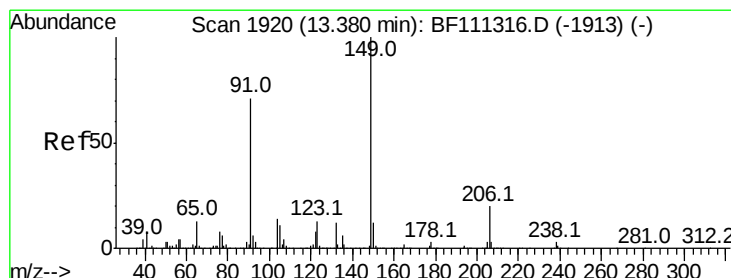
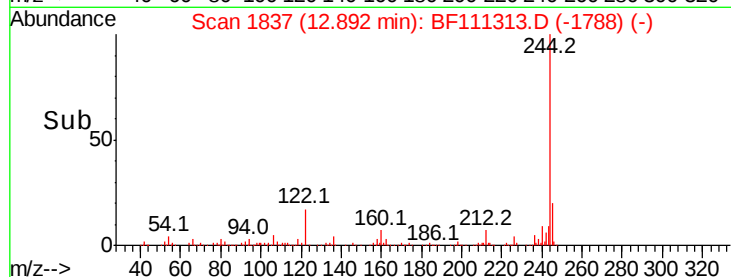
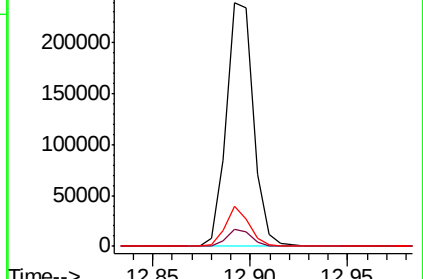
122 16.6 13.1 19.7



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: 2.374 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

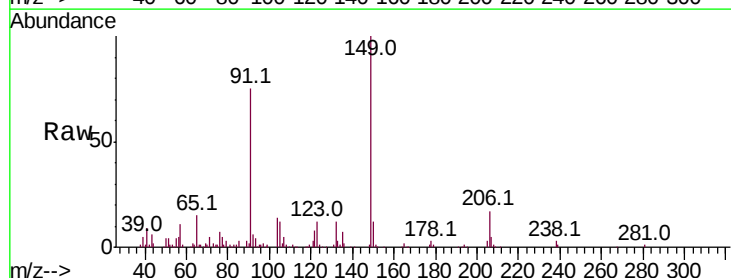
Tgt Ion:149 Resp: 83408

Ion Ratio Lower Upper

149 100

91 74.7 63.8 95.6

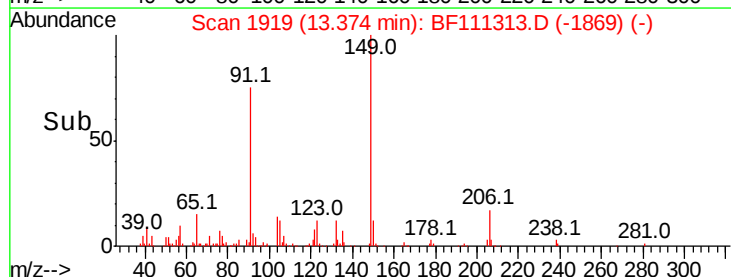
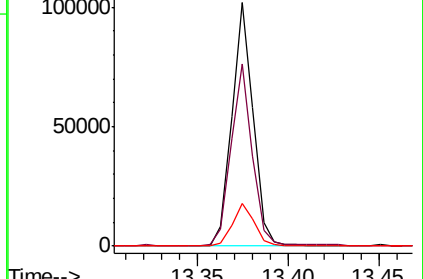
206 17.5 15.1 22.7

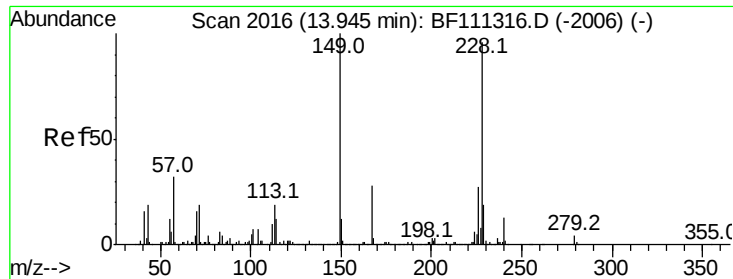


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.751 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampled :

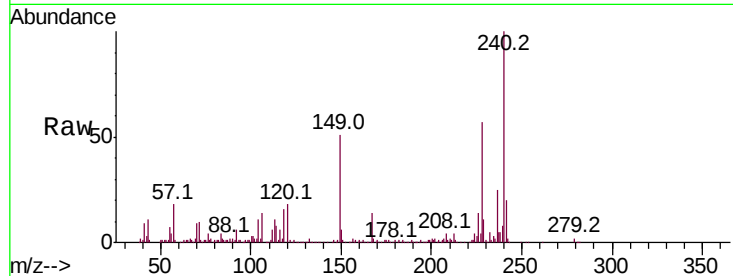
Tot Ion:228 Resp: 144476

Ion Ratio Lower Upper

228 100

226 25.1 22.6 34.0

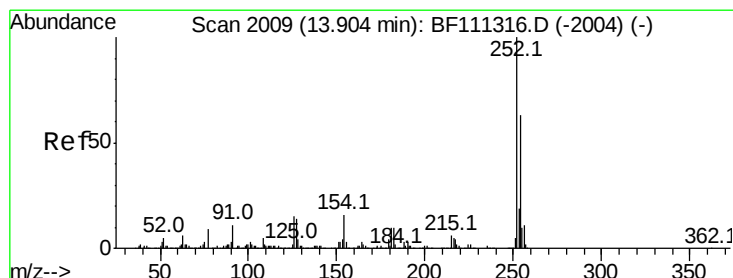
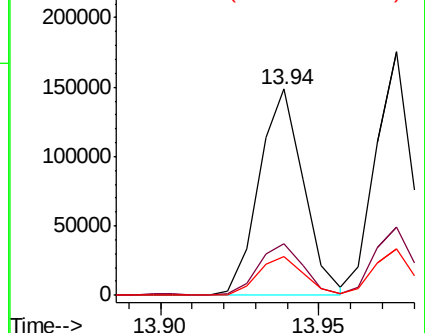
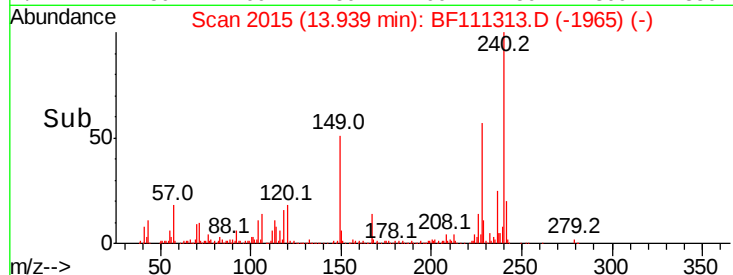
229 18.6 16.3 24.5



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: 2.493 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

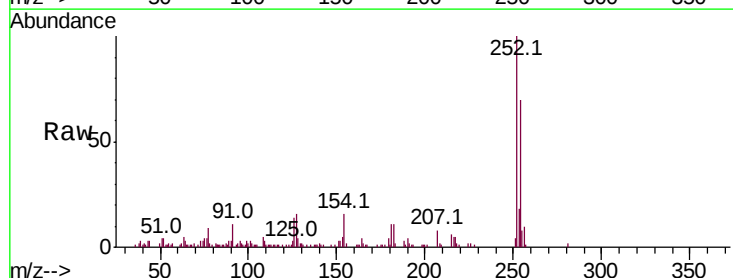
Tgt Ion:252 Resp: 53652

Ion Ratio Lower Upper

252 100

254 69.7 52.7 79.1

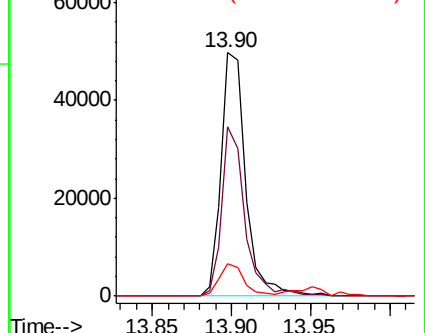
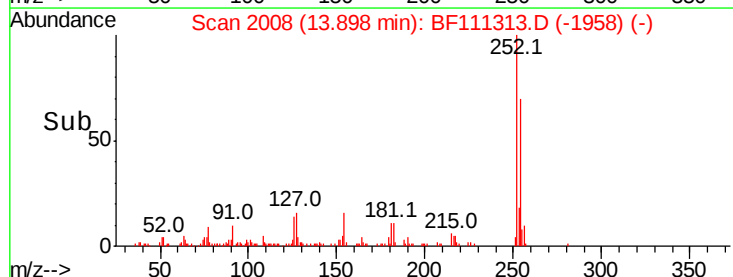
126 13.5 11.1 16.7

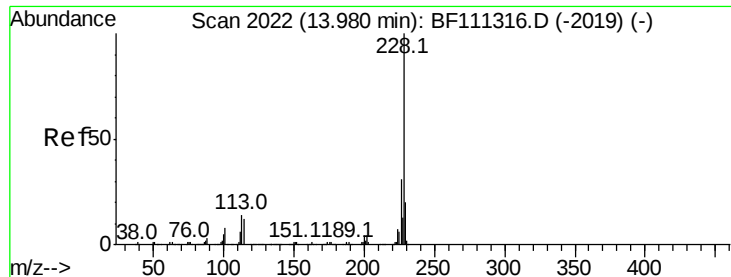


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

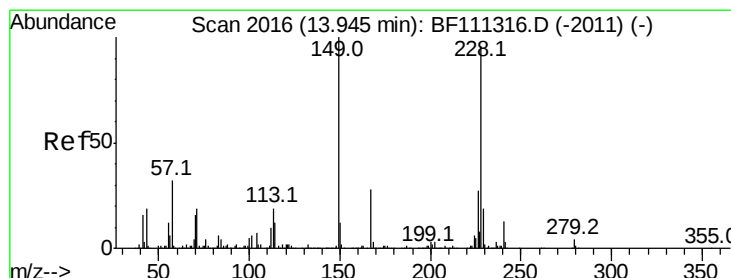
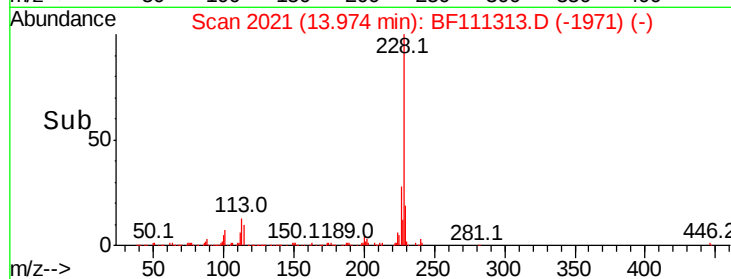
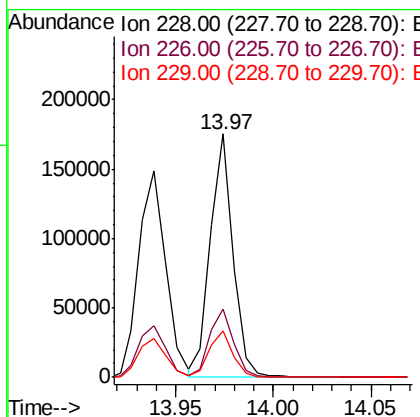
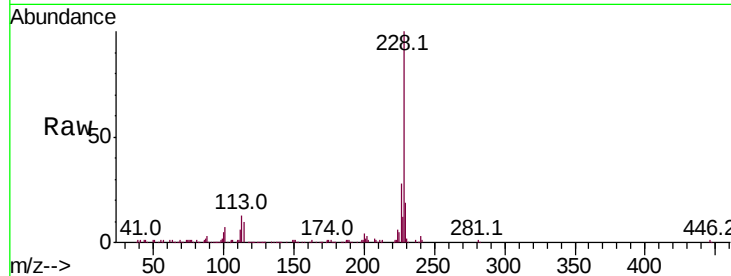




#83
Chrysene
Concen: 2.624 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

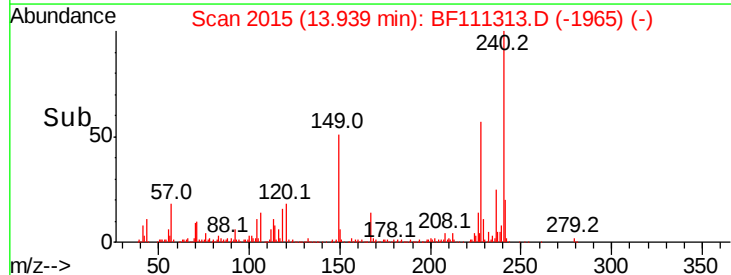
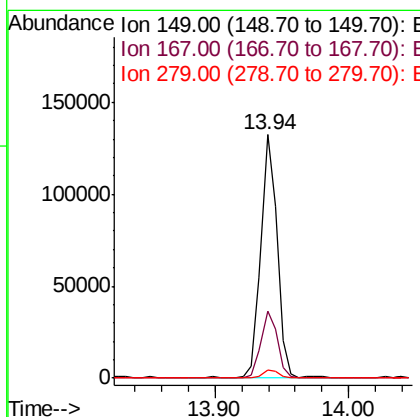
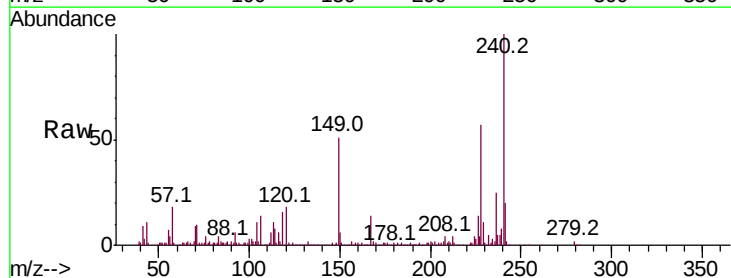
Instrument :
BNA_F
ClientSampleId :

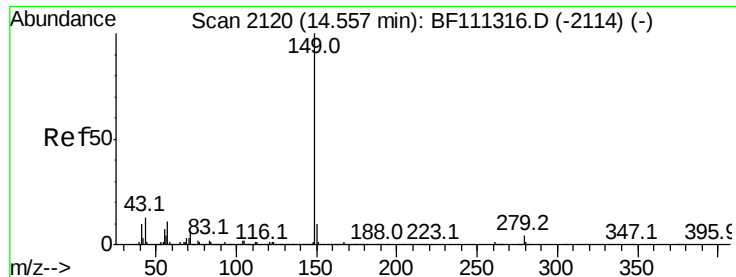
Tot Ion:228 Resp: 142040
Ion Ratio Lower Upper
228 100
226 27.9 25.3 37.9
229 19.1 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.663 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion:149 Resp: 111167
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 3.2 2.6 4.0

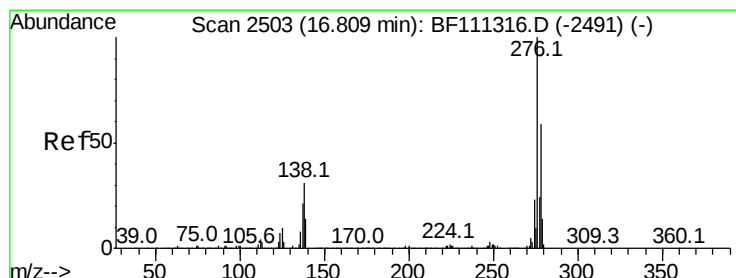
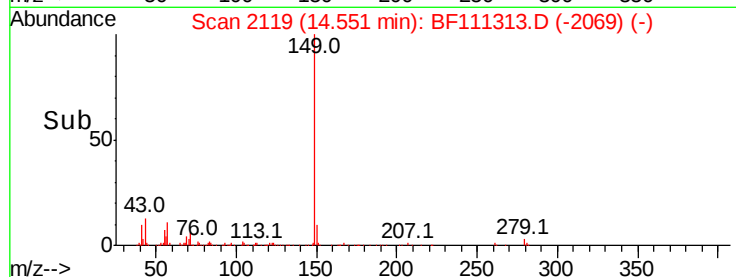
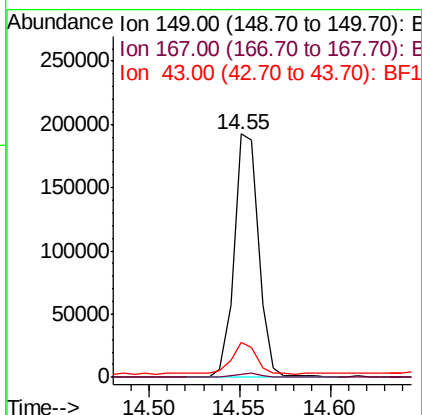
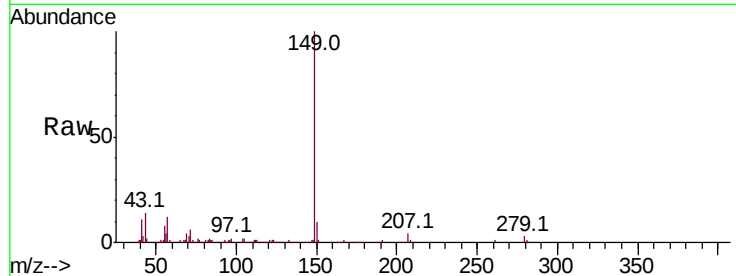




#85
Di-n-octyl phthalate
Concen: 2.602 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

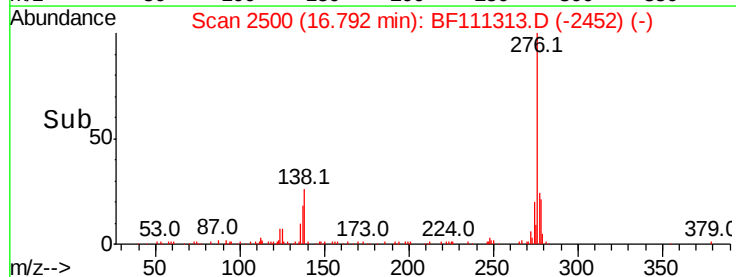
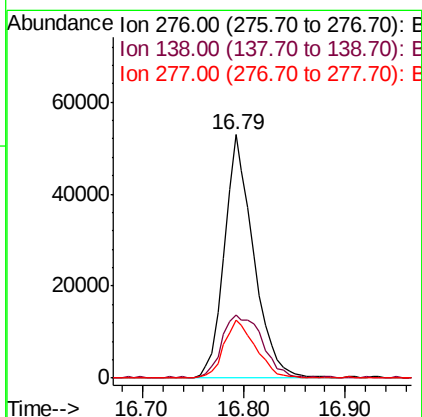
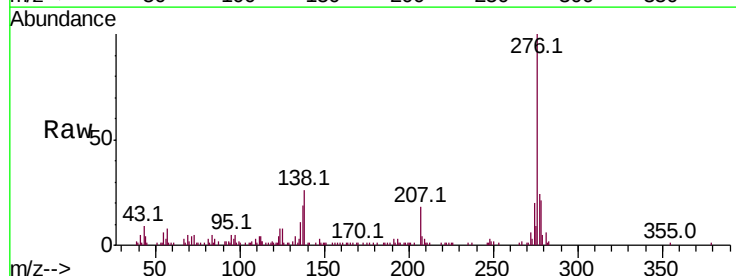
Instrument :
BNA_F
ClientSampled :

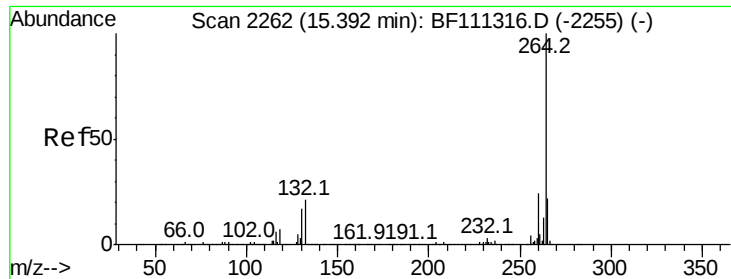
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	14.1	10.9	16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.416 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.8	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

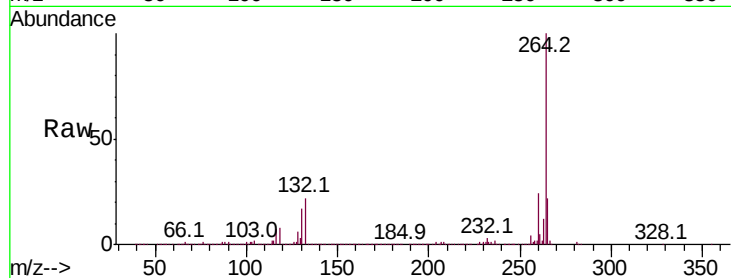
Tot Ion:264 Resp: 832842

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

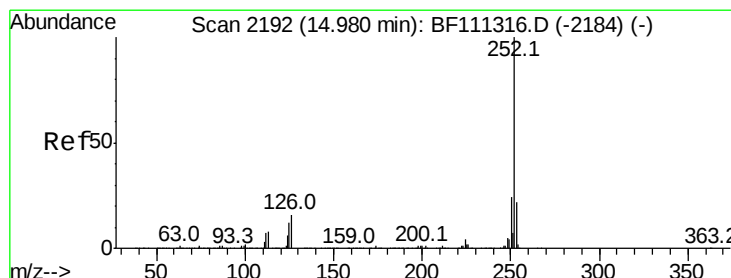
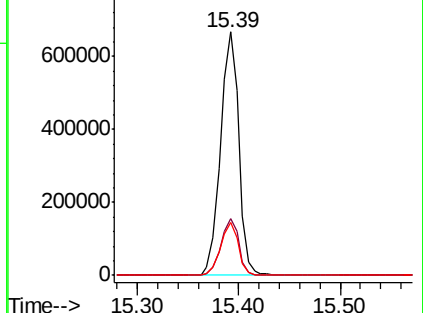
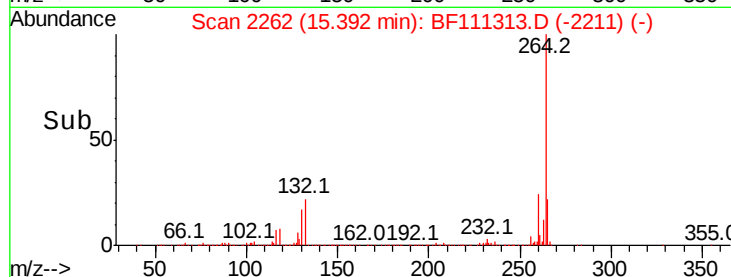
265 21.8 17.7 26.5



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: 2.669 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

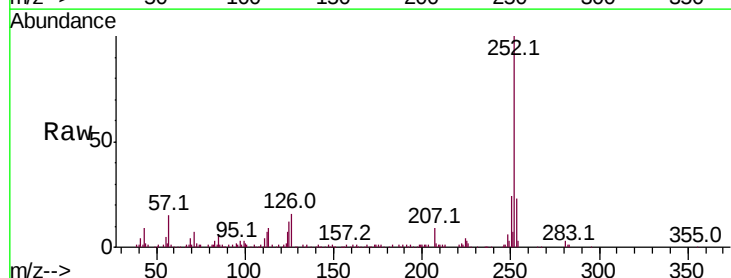
Tgt Ion:252 Resp: 122940

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

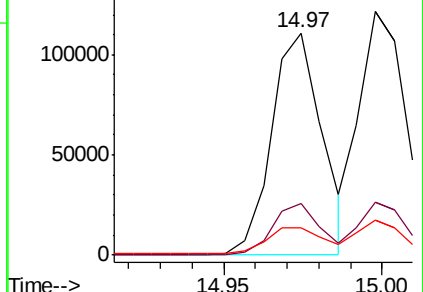
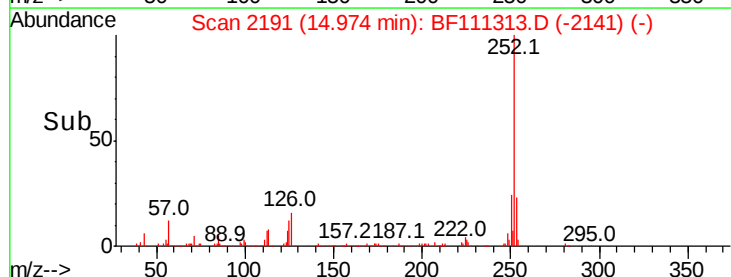
125 12.4 10.4 15.6

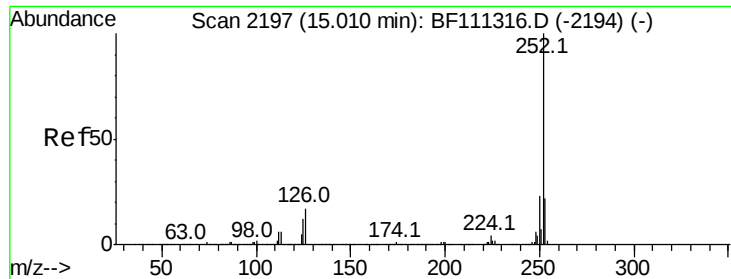


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

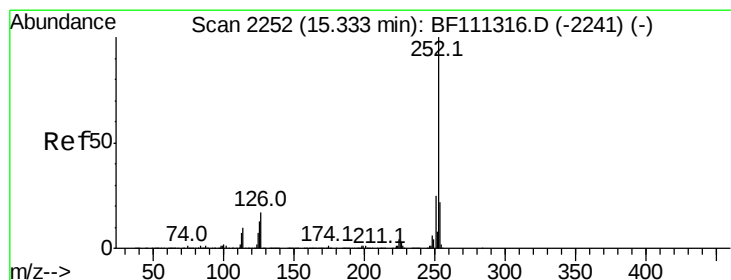
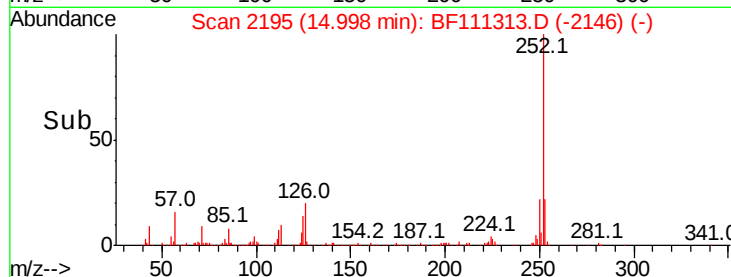
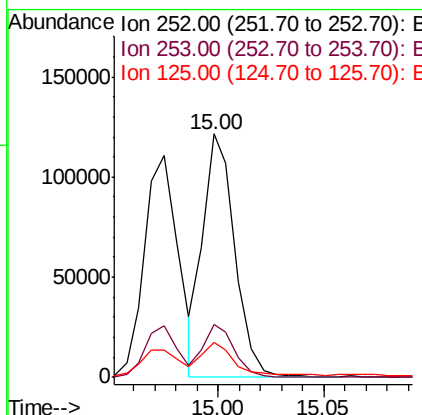
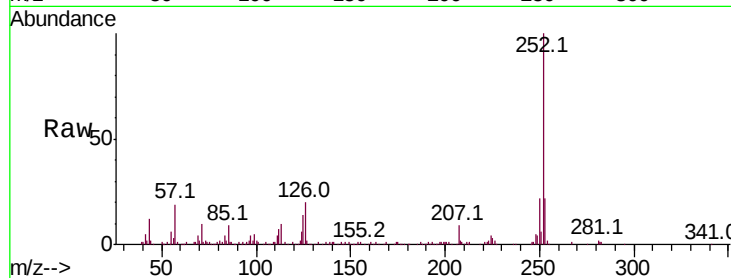




#89
Benzo(k)fluoranthene
Concen: 2.938 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

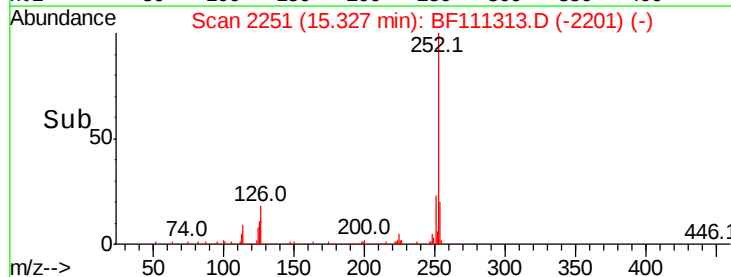
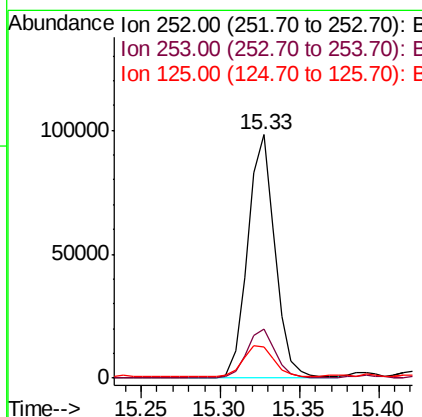
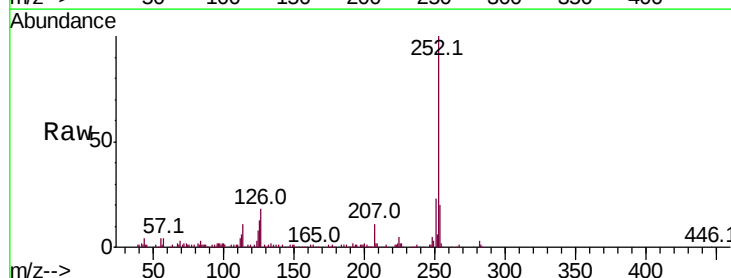
Instrument :
BNA_F
ClientSampleId :

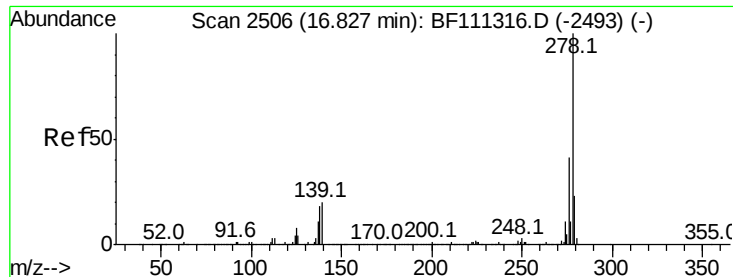
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	14.3	9.8	14.8



#90
Benzo(a)pyrene
Concen: 2.771 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111313.D
Acq: 12 Dec 2018 9:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.8	26.8
125	12.8	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 2.733 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

Instrument :

BNA_F

ClientSampleId :

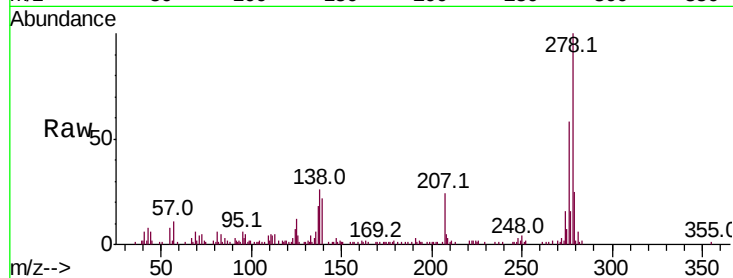
Tot Ion:278 Resp: 91051

Ion Ratio Lower Upper

278 100

139 21.7 18.2 27.4

279 24.6 19.0 28.6

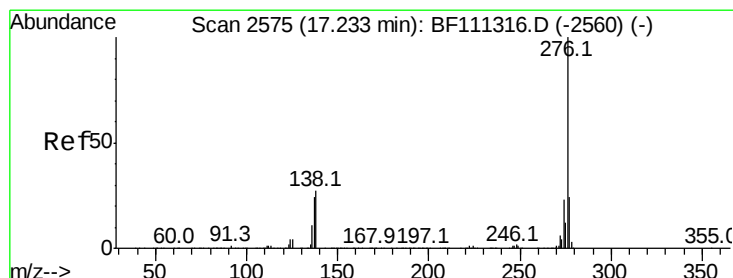
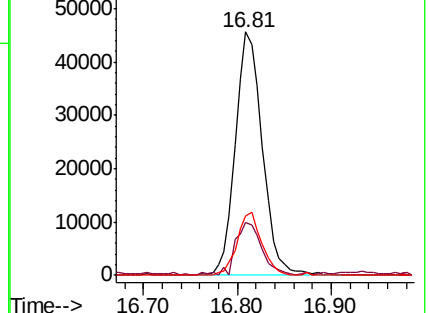
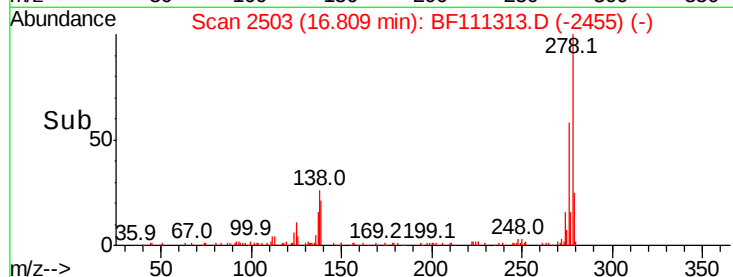


Abundance

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: 2.516 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BF111313.D

Acq: 12 Dec 2018 9:47

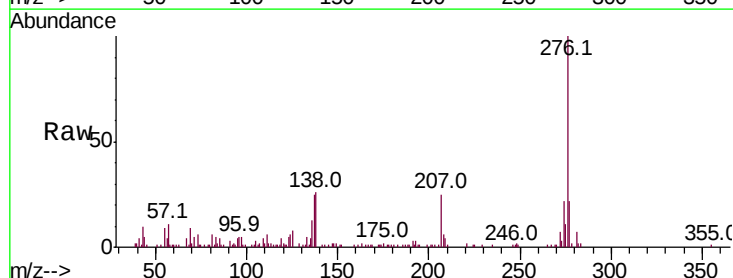
Tgt Ion:276 Resp: 83894

Ion Ratio Lower Upper

276 100

277 22.2 19.2 28.8

138 26.1 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

