

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111316.D
 Acq On : 12 Dec 2018 11:09
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 11:44:35 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	364761	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1504662	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	687784	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1169315	20.00	ng	0.00
76) Chrysene-d12	13.96	240	749273	20.00	ng	0.00
87) Perylene-d12	15.39	264	604489	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1756276	76.03	ng	0.00
7) Phenol-d6	6.43	99	2312225	80.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	2157092	80.41	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	478102	78.47	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3391942	77.79	ng	0.00
79) Terphenyl-d14	12.90	244	2676181	85.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	421988	35.604	ng	98
3) Pyridine	3.25	79	1129551	35.873	ng	97
4) n-Nitrosodimethylamine	3.20	42	503332	37.492	ng	89
6) Aniline	6.46	93	1494787	39.053	ng	99
8) 2-Chlorophenol	6.58	128	1060267	40.380	ng	99
9) Benzaldehyde	6.34	77	653112	36.659	ng	99
10) Phenol	6.45	94	1300410	38.741	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	1038100	39.988	ng	98
12) 1,3-Dichlorobenzene	6.74	146	1148629	40.713	ng	98
13) 1,4-Dichlorobenzene	6.81	146	1158729	40.676	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1057805	39.812	ng	99
15) Benzyl Alcohol	6.94	79	898685	39.559	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	2019080	41.542	ng	100
17) 2-Methylphenol	7.05	107	865834	40.390	ng	99
18) Hexachloroethane	7.31	117	437381	40.327	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	762984	39.676	ng	94
20) 3+4-Methylphenols	7.21	107	997175	39.108	ng	94
22) Acetophenone	7.21	105	1356591	39.404	ng	# 97
24) Nitrobenzene	7.38	77	1113442	39.879	ng	96
25) Isophorone	7.62	82	1804678	39.497	ng	98
26) 2-Nitrophenol	7.69	139	562079	40.518	ng	97
27) 2,4-Dimethylphenol	7.73	122	819375	38.224	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	1240272	39.199	ng	99
29) 2,4-Dichlorophenol	7.94	162	861695	39.313	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	873296	40.448	ng	99
31) Naphthalene	8.10	128	2739608	41.718	ng	98
32) Benzoic acid	7.87	122	530241	29.913	ng	95
33) 4-Chloroaniline	8.15	127	1257666	39.874	ng	99
34) Hexachlorobutadiene	8.22	225	486975	40.861	ng	98
35) Caprolactam	8.53	113	302035	38.887	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	912660	40.668	ng	99
37) 2-Methylnaphthalene	8.79	142	1784460	40.929	ng	100
38) 1-Methylnaphthalene	8.89	142	1709568	40.040	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	774410	40.465	ng	99

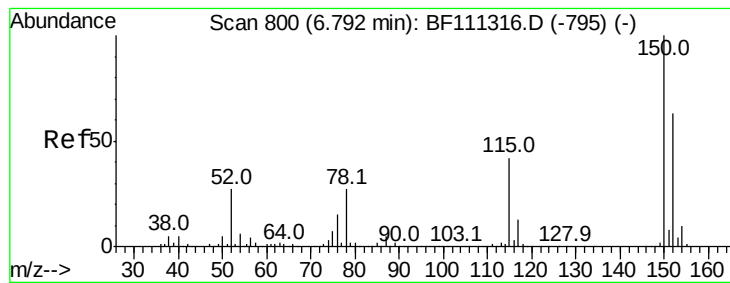
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	424521	38.951	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	560320	39.005	ng	98
44) 2,4,5-Trichlorophenol	9.11	196	602104	40.235	ng	97
46) 1,1'-Biphenyl	9.26	154	2296608	39.723	ng	98
47) 2-Chloronaphthalene	9.28	162	1774743	39.436	ng	99
48) 2-Nitroaniline	9.37	65	600879	39.141	ng	93
49) Acenaphthylene	9.70	152	2600008	39.797	ng	97
50) Dimethylphthalate	9.56	163	1943399	38.295	ng	98
51) 2,6-Dinitrotoluene	9.62	165	451080	40.249	ng	88
52) Acenaphthene	9.87	154	1639940	40.000	ng	99
53) 3-Nitroaniline	9.79	138	533519	38.568	ng	96
54) 2,4-Dinitrophenol	9.89	184	175269	39.575	ng	94
55) Dibenzofuran	10.04	168	2329915	41.772	ng	99
56) 4-Nitrophenol	9.95	139	399118	37.045	ng	95
57) 2,4-Dinitrotoluene	10.02	165	589491	42.667	ng	91
58) Fluorene	10.38	166	1646494	38.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	456563	40.250	ng	99
60) Diethylphthalate	10.26	149	1982688	40.980	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	817117	38.128	ng	99
62) 4-Nitroaniline	10.40	138	524515	40.073	ng	99
63) Azobenzene	10.53	77	1987889	39.575	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	277121	43.923	ng	99
66) n-Nitrosodiphenylamine	10.49	169	1640419	41.212	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	522732	40.815	ng	98
68) Hexachlorobenzene	10.93	284	540168	41.461	ng	97
69) Atrazine	11.02	200	470288	38.854	ng	99
70) Pentachlorophenol	11.12	266	382029	40.421	ng	95
71) Phenanthrene	11.34	178	2341164	39.695	ng	96
72) Anthracene	11.39	178	2395177	38.817	ng	97
73) Carbazole	11.55	167	2477177	38.394	ng	98
74) Di-n-butylphthalate	11.88	149	2824467	42.590	ng	98
75) Fluoranthene	12.53	202	2305939	42.800	ng	99
77) Benzidine	12.65	184	564216	25.361	ng	99
78) Pyrene	12.76	202	2356624	44.013	ng	98
80) Butylbenzylphthalate	13.38	149	1138093	40.694	ng	91
81) Benzo(a)anthracene	13.94	228	1660139	39.715	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	635177	37.073	ng	97
83) Chrysene	13.98	228	1690590	39.230	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1356887	40.831	ng	99
85) Di-n-octyl phthalate	14.56	149	2216603	39.795	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1325886	38.115	ng	98
88) Benzo(b)fluoranthene	14.98	252	1396434	41.772	ng	98
89) Benzo(k)fluoranthene	15.01	252	1332316	42.390	ng	100
90) Benzo(a)pyrene	15.33	252	1277072	41.484	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1098592	45.435	ng	97
92) Benzo(g,h,i)perylene	17.23	276	1126199	46.528	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

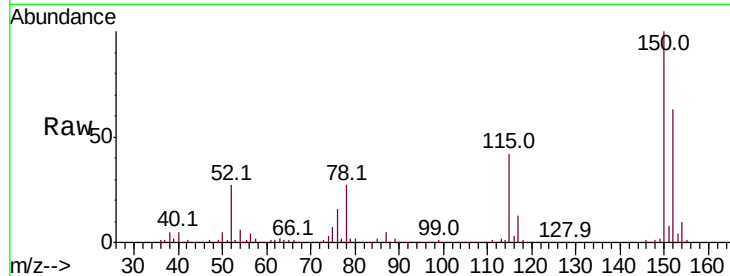
Tot Ion:152 Resp: 364761

Ion Ratio Lower Upper

152 100

150 158.8 126.6 189.8

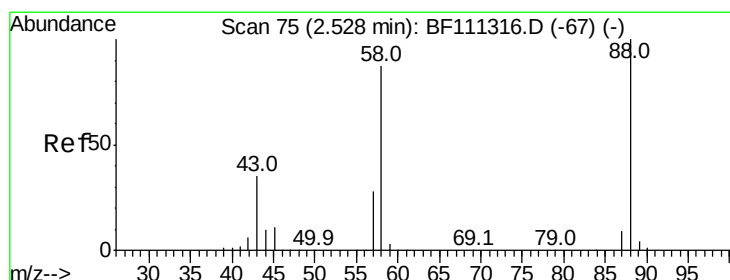
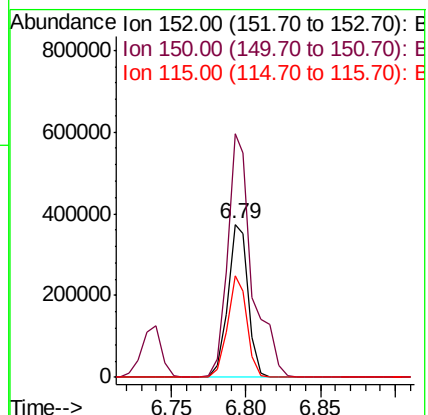
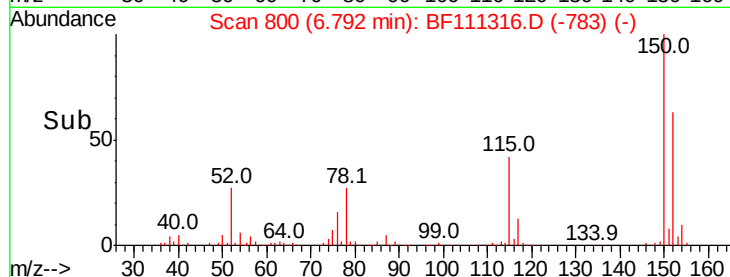
115 66.3 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.604 ng

RT: 2.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

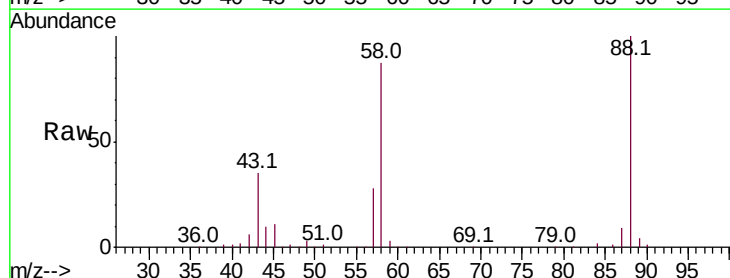
Tgt Ion: 88 Resp: 421988

Ion Ratio Lower Upper

88 100

58 86.8 68.9 103.3

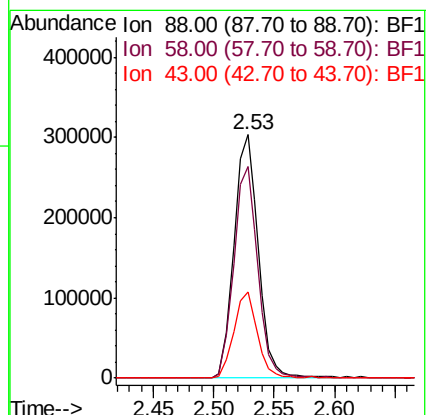
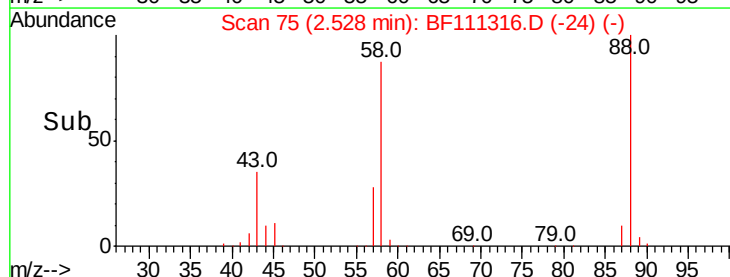
43 34.2 25.8 38.6

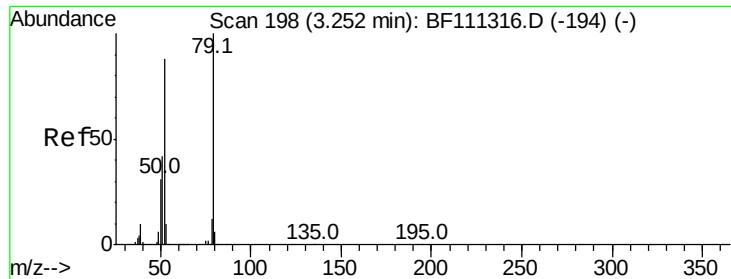


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

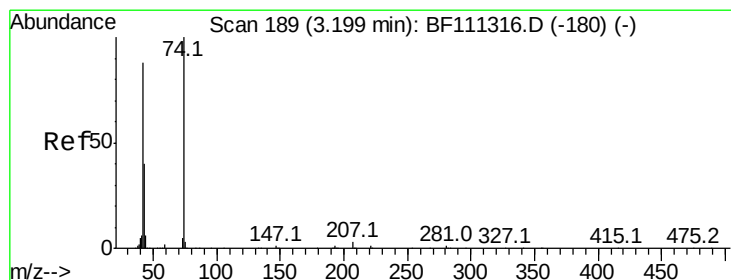
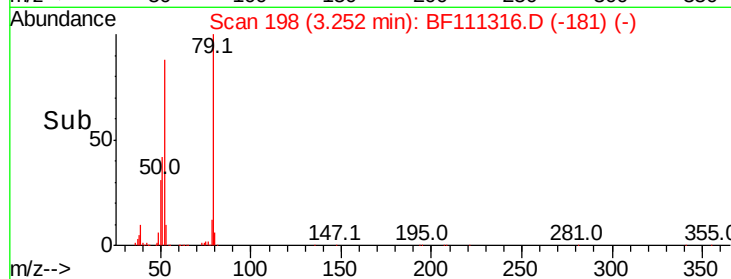
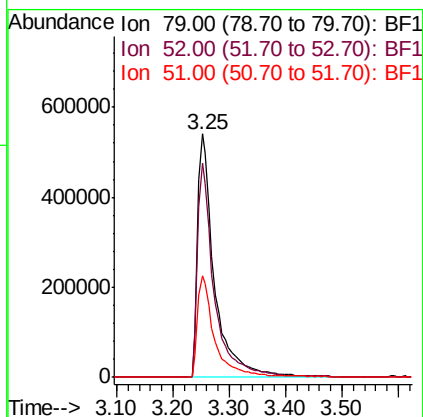
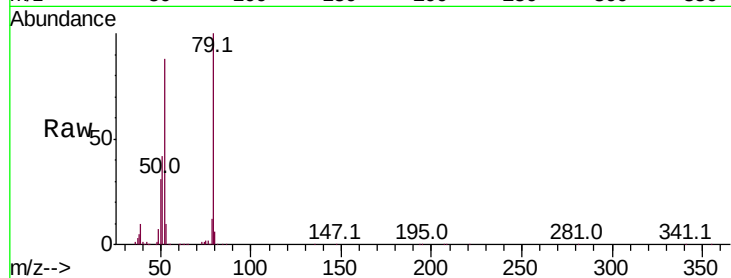




#3
 Pvridine
 Concen: 35.873 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

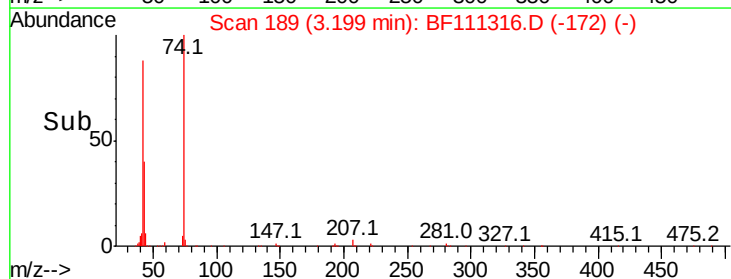
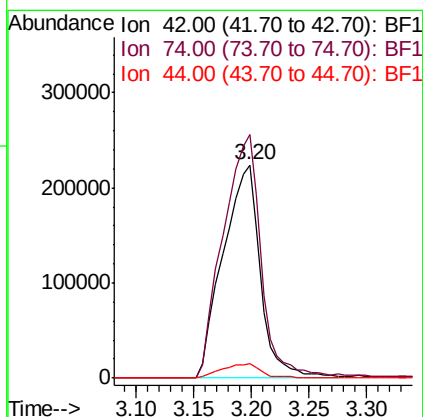
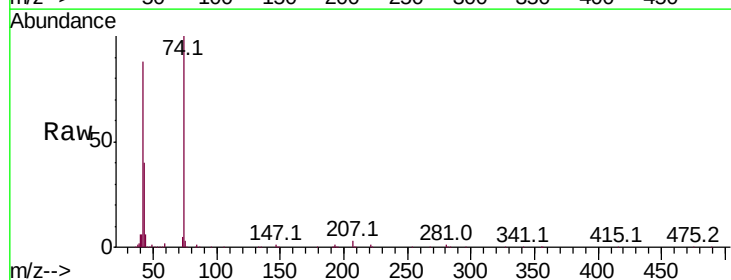
Instrument :
 BNA_F
 ClientSampleId :

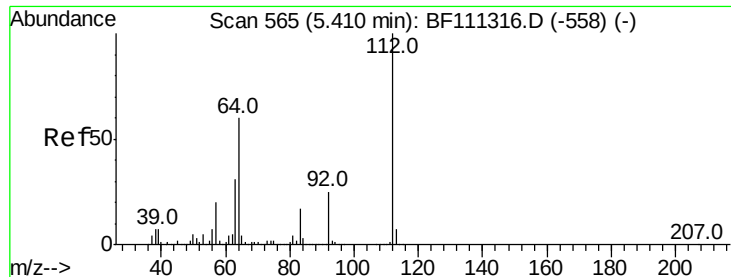
Tot Ion: 79 Resp: 1129551
 Ion Ratio Lower Upper
 79 100
 52 88.1 68.3 102.5
 51 41.9 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 37.492 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion: 42 Resp: 503332
 Ion Ratio Lower Upper
 42 100
 74 114.0 101.5 152.3
 44 7.1 6.0 9.0





#5

2-Fluorophenol

Concen: 76.030 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

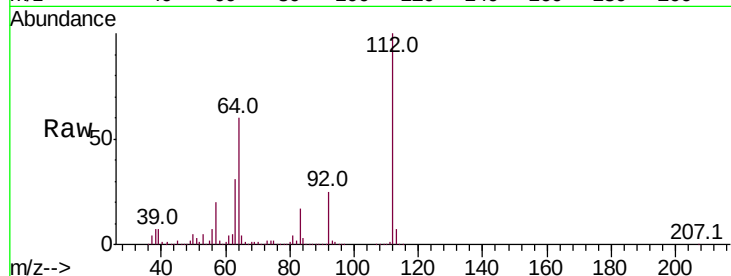
Tot Ion:112 Resp: 1756276

Ion Ratio Lower Upper

112 100

64 59.8 51.8 77.6

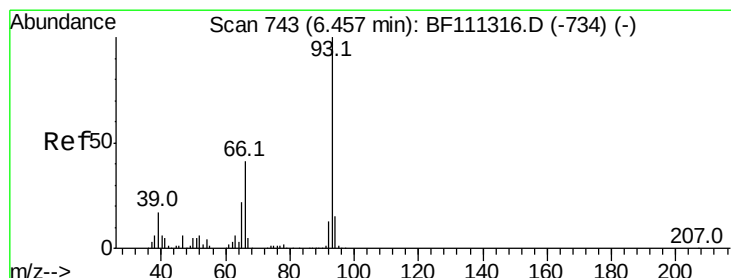
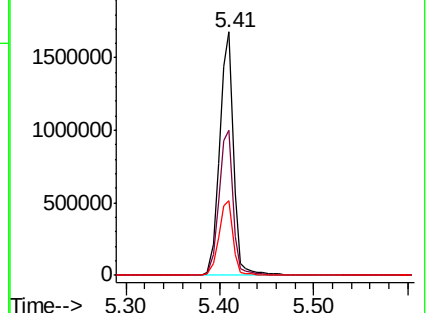
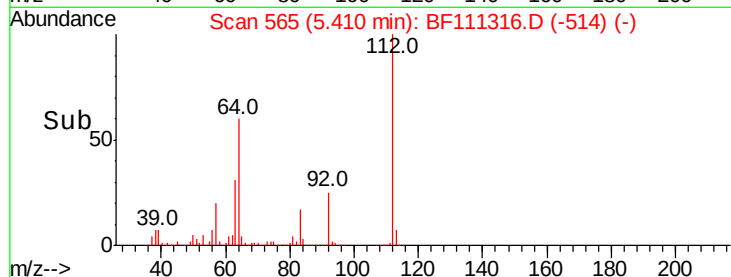
63 30.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.053 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

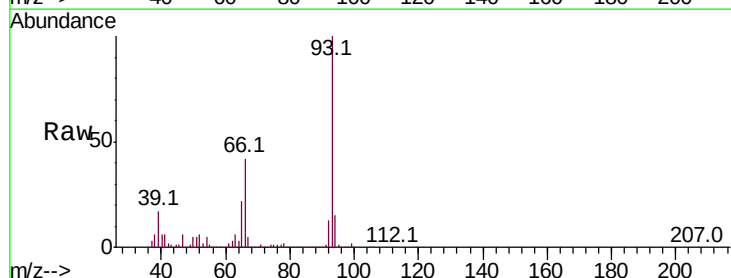
Tgt Ion: 93 Resp: 1494787

Ion Ratio Lower Upper

93 100

66 41.7 33.2 49.8

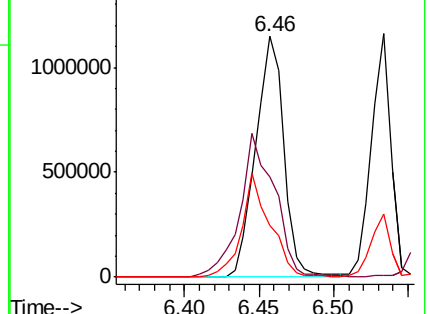
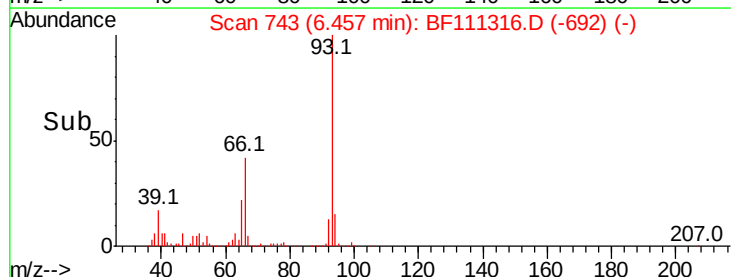
65 21.7 17.0 25.4

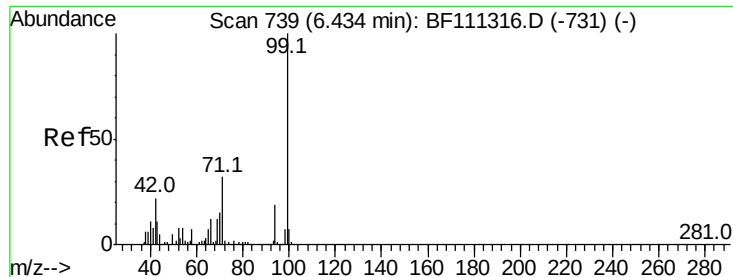


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.545 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

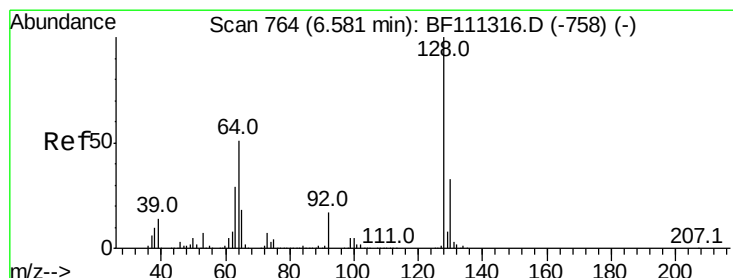
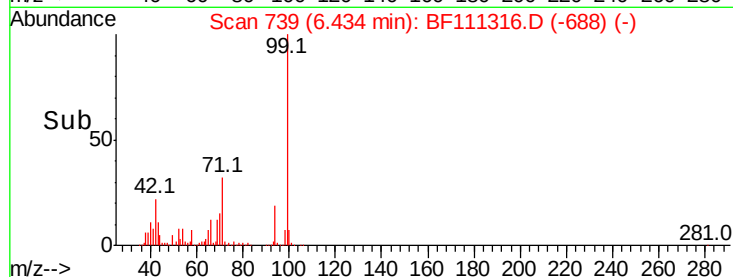
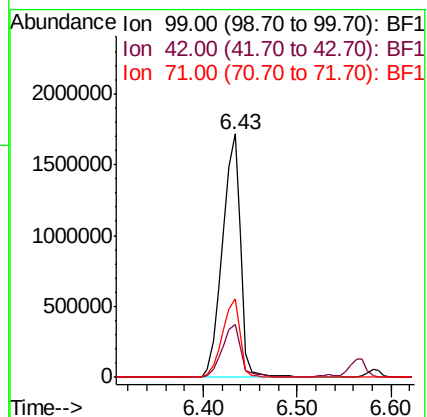
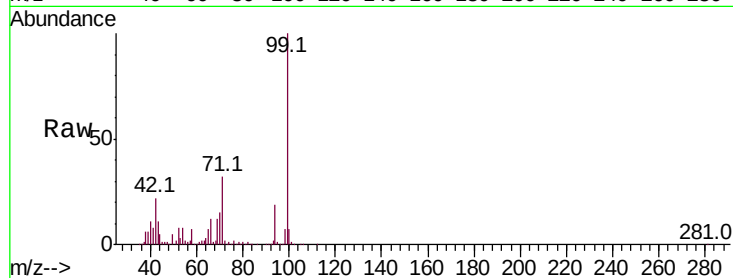
Tot Ion: 99 Resp: 2312225

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

71 32.0 26.1 39.1



#8

2-Chlorophenol

Concen: 40.380 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

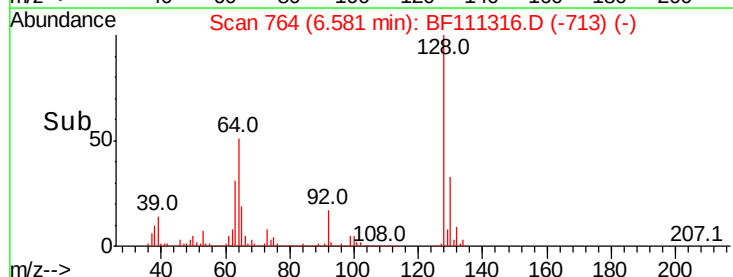
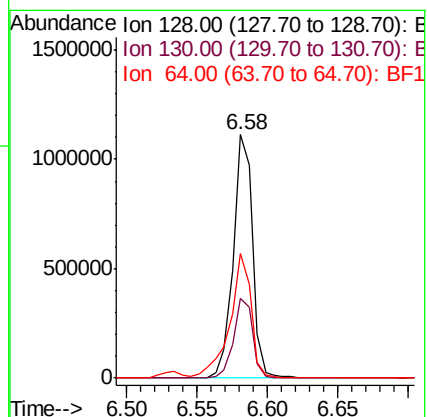
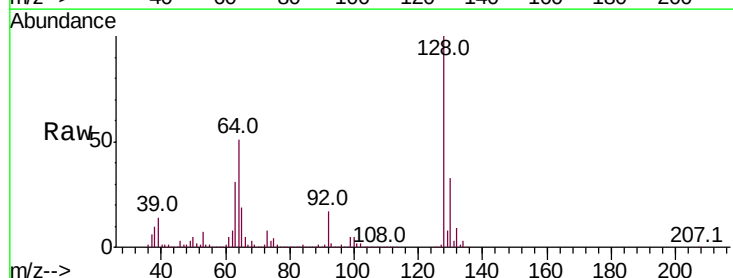
Tgt Ion: 128 Resp: 1060267

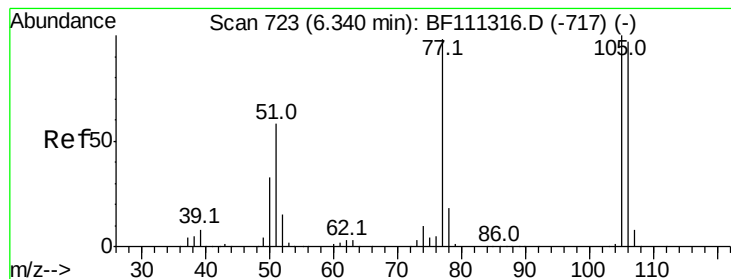
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 51.0 30.0 70.0





#9

Benzaldehyde

Concen: 36.659 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampled :

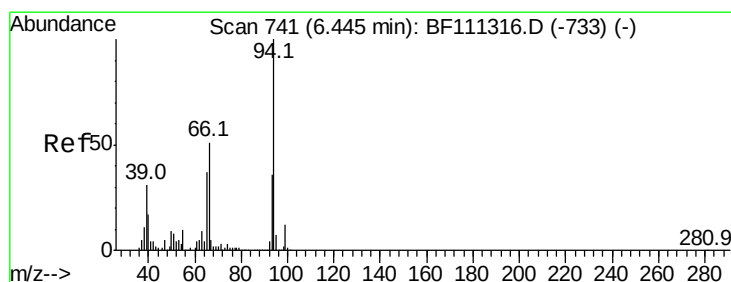
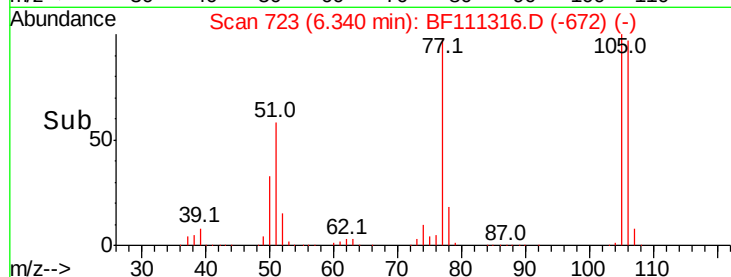
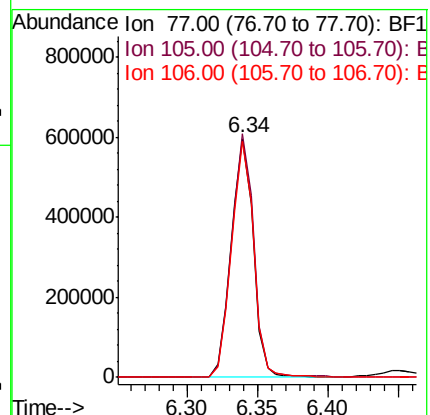
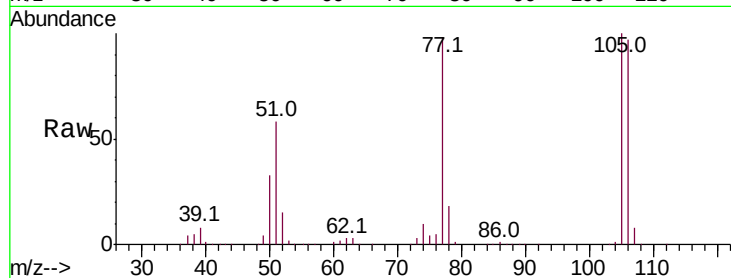
Tot Ion: 77 Resp: 653112

Ion Ratio Lower Upper

77 100

105 101.8 81.4 121.4

106 98.5 77.9 117.9



#10

Phenol

Concen: 38.741 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

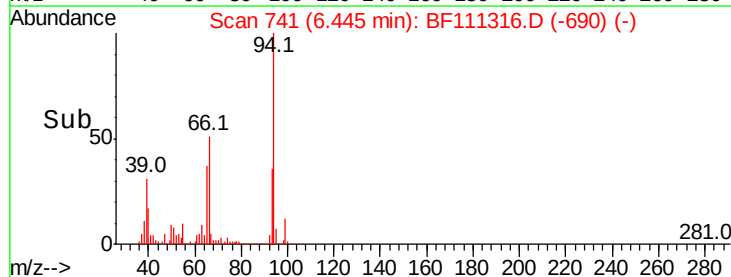
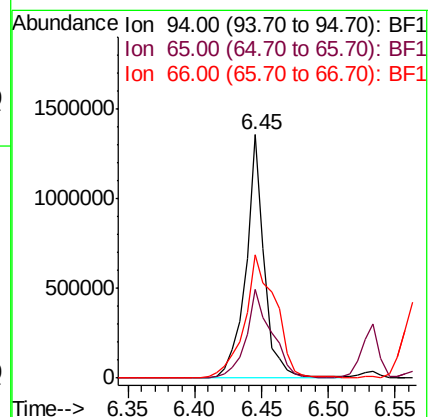
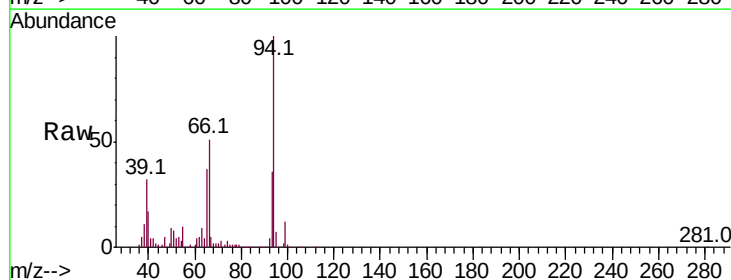
Tgt Ion: 94 Resp: 1300410

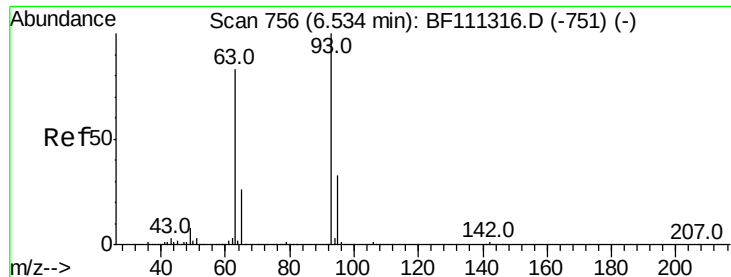
Ion Ratio Lower Upper

94 100

65 36.7 11.7 51.7

66 50.7 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 39.988 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

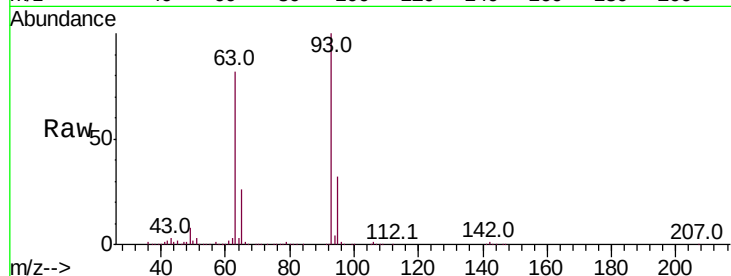
Tot Ion: 93 Resp: 1038100

Ion Ratio Lower Upper

93 100

63 82.2 60.0 100.0

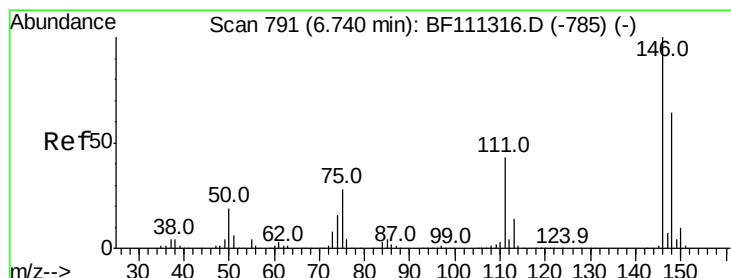
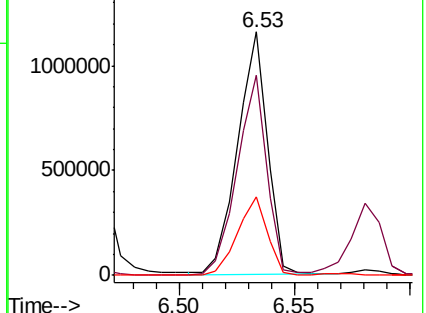
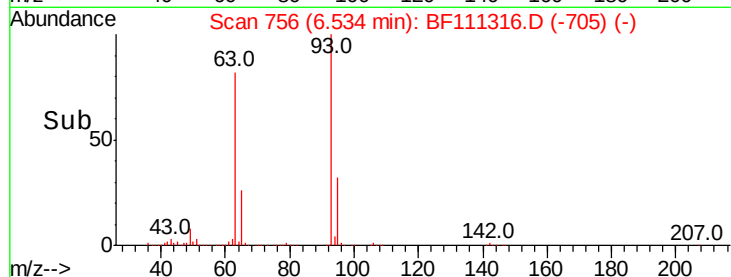
95 32.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.713 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

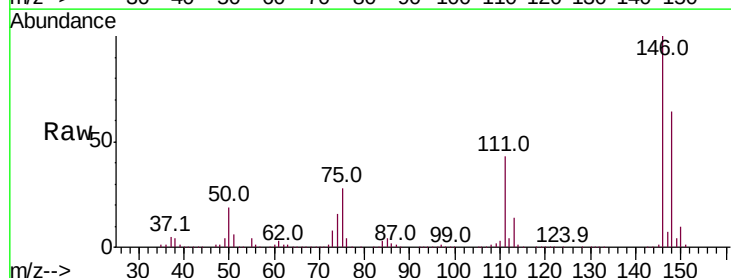
Tgt Ion: 146 Resp: 1148629

Ion Ratio Lower Upper

146 100

148 64.1 52.1 78.1

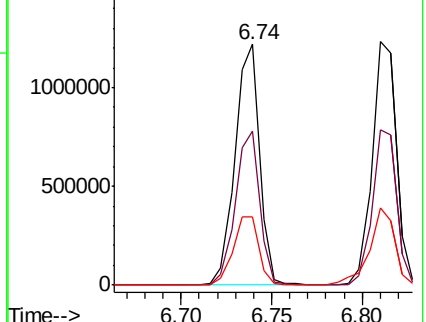
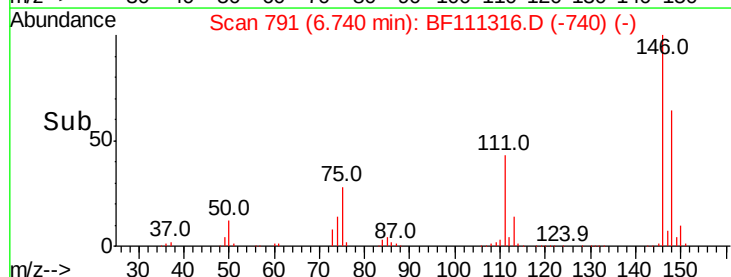
75 28.4 23.9 35.9

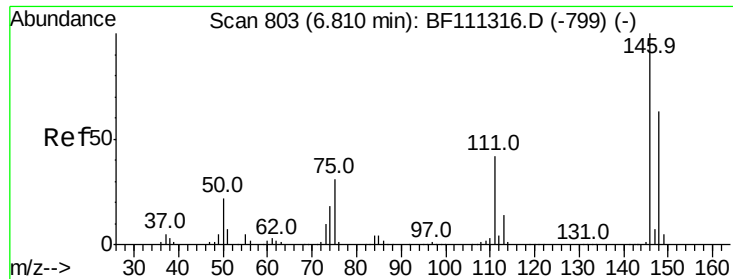


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

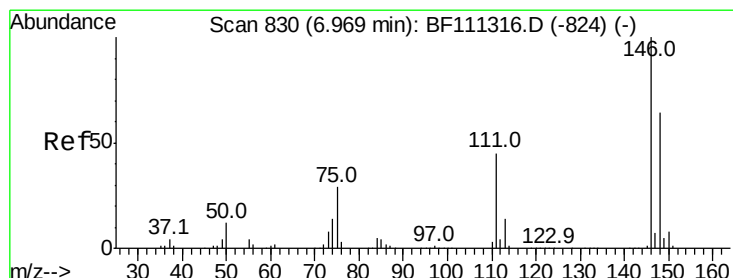
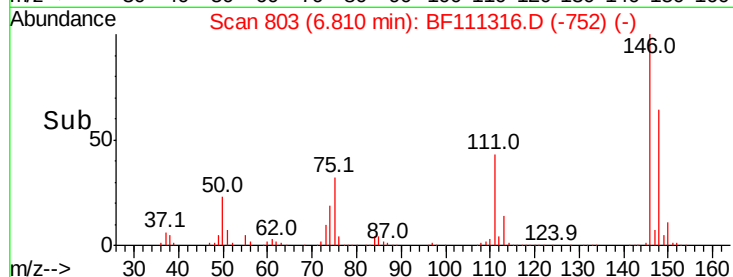
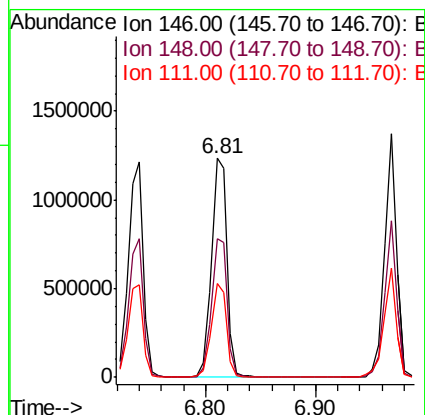
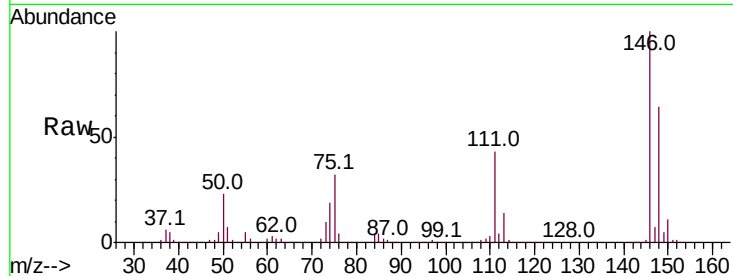




#13
 1,4-Dichlorobenzene
 Concen: 40.676 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

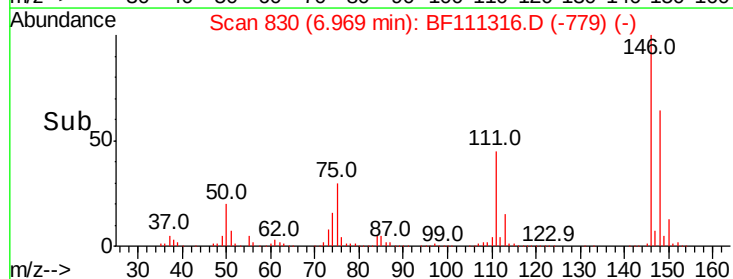
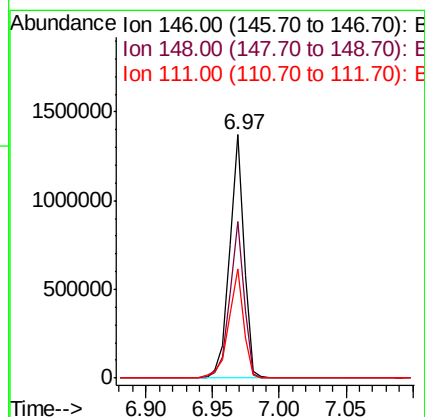
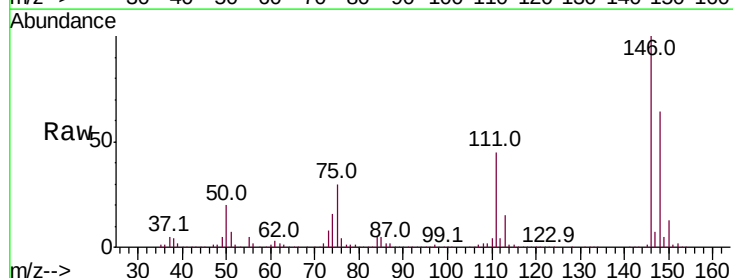
Instrument :
 BNA_F
 ClientSampleId :

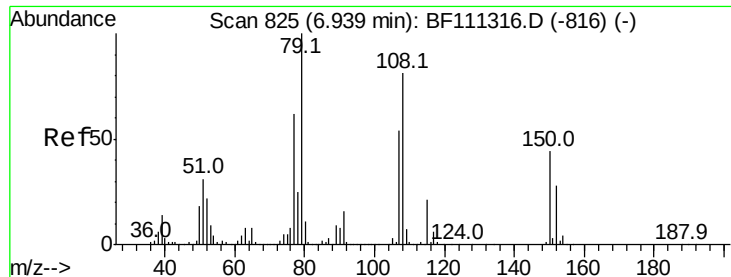
Tot Ion:146 Resp: 1158729
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.8 79.2
 111 42.7 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 39.812 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion:146 Resp: 1057805
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 44.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.559 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampled :

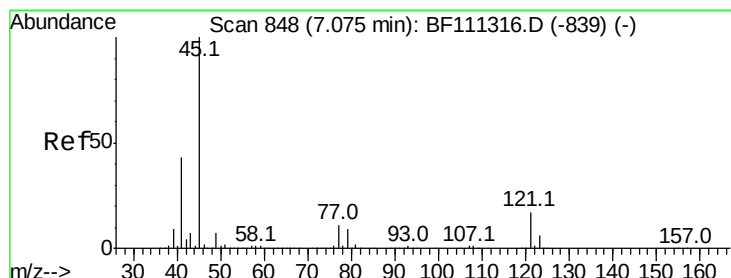
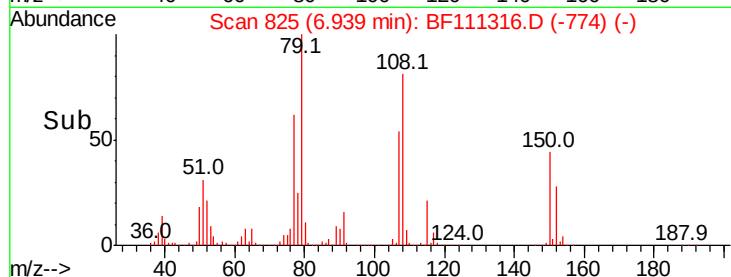
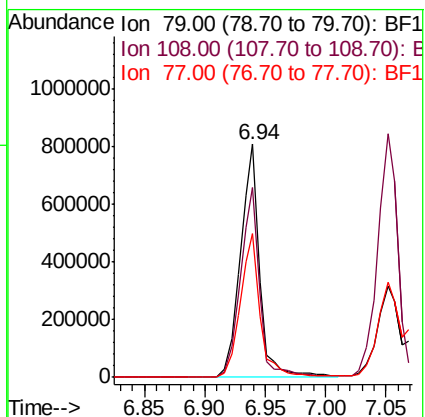
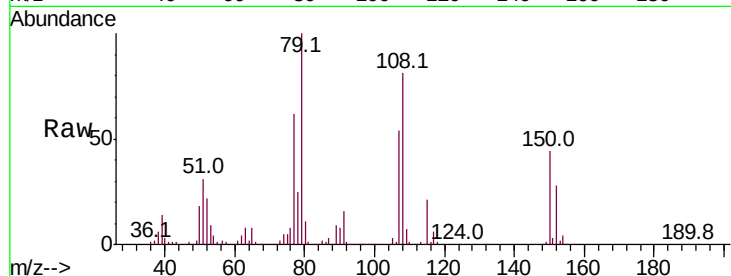
Tot Ion: 79 Resp: 898685

Ion Ratio Lower Upper

79 100

108 81.4 69.4 104.2

77 61.7 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.542 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

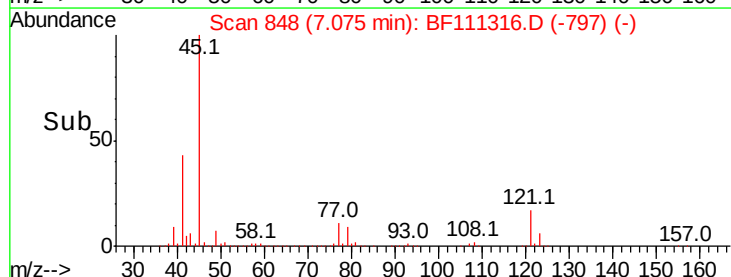
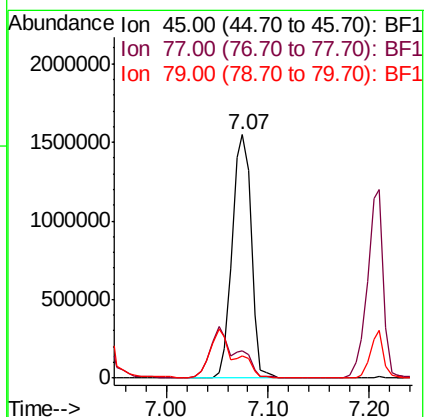
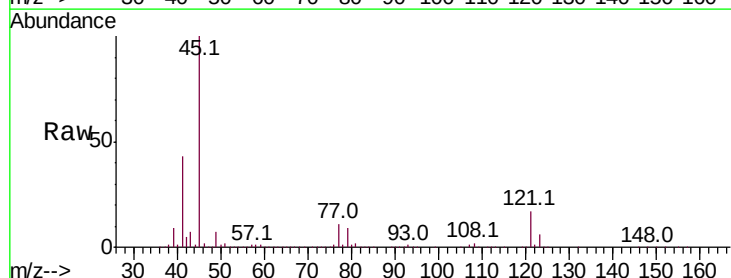
Tgt Ion: 45 Resp: 2019080

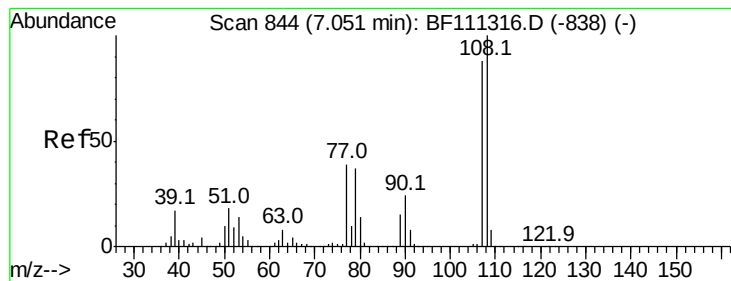
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.5

79 8.9 0.0 28.9

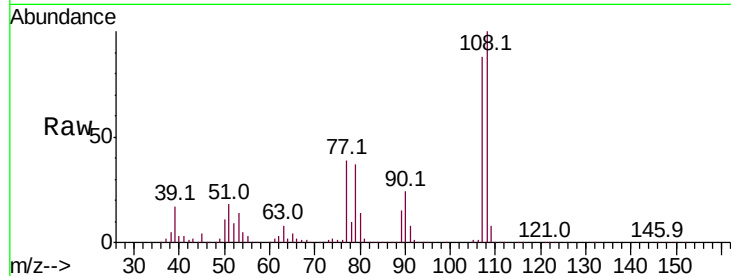




#17
2-Methylphenol
Concen: 40.390 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.0	136.4
77	44.8	33.5	50.3
79	42.6	33.3	49.9



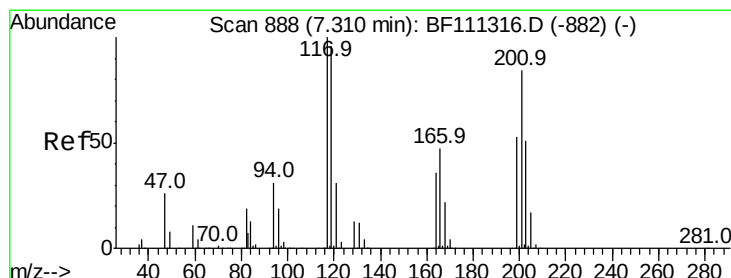
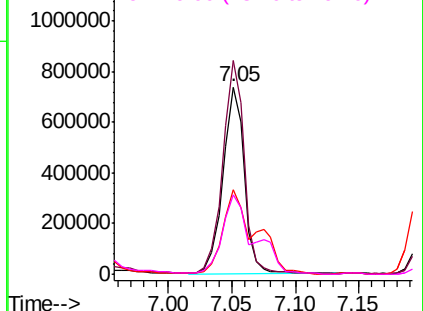
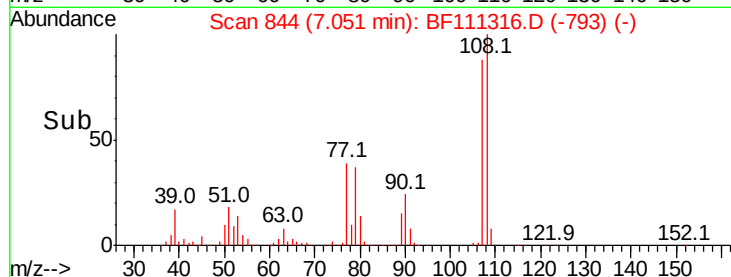
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

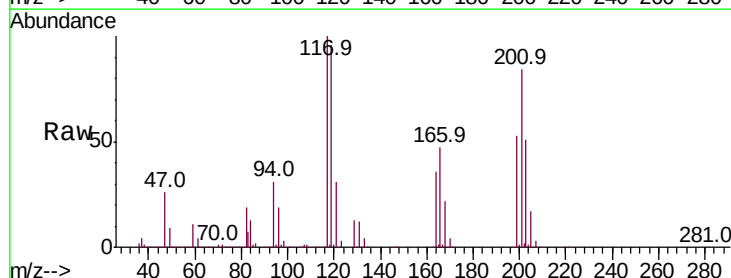
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.327 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
201	83.9	62.4	93.6

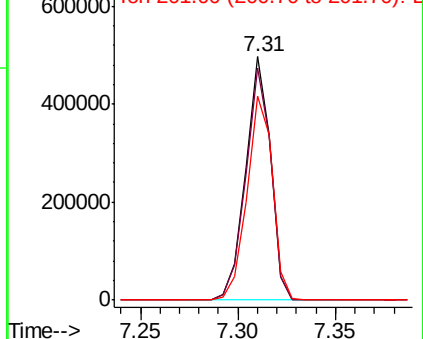
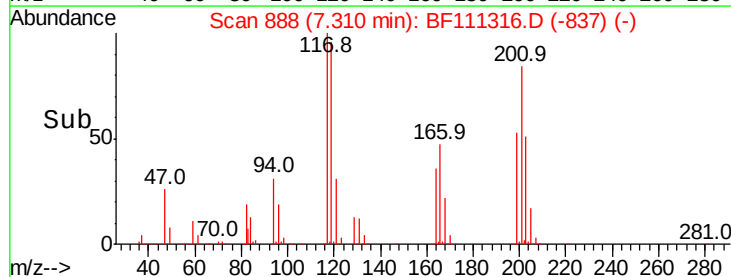


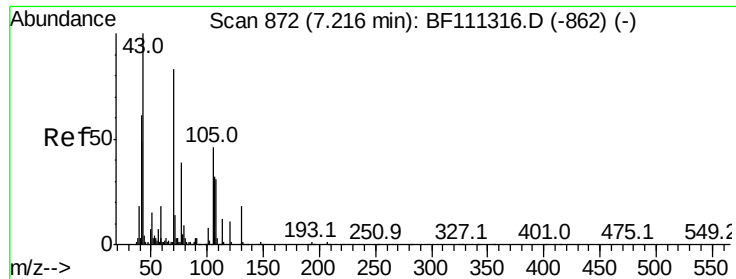
Abundance

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

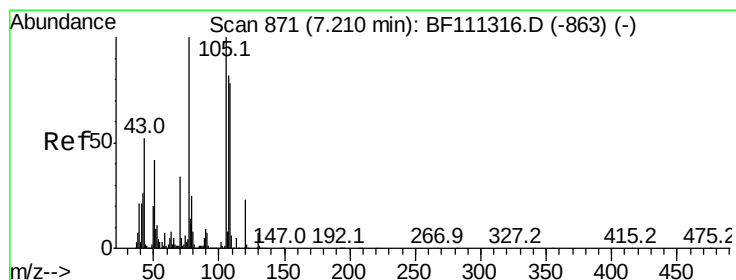
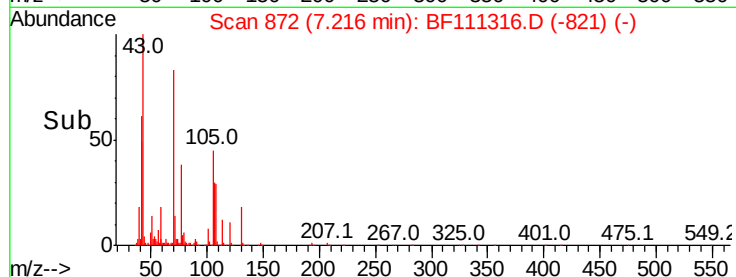
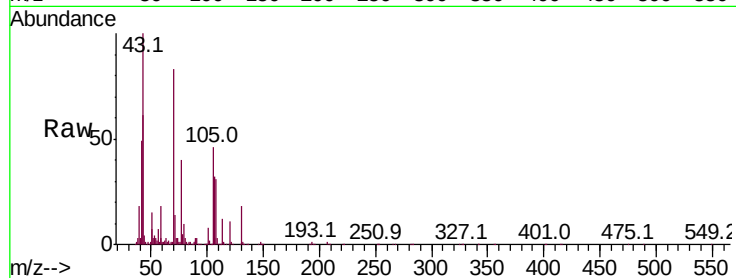
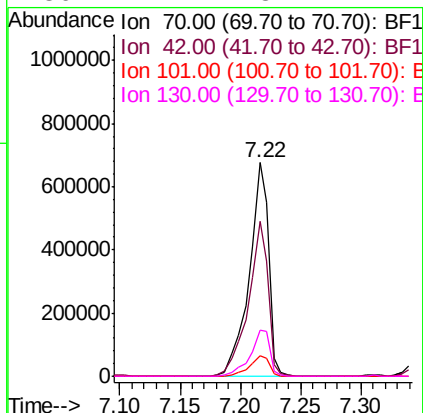




#19
n-Nitroso-di-n-propylamine
Concen: 39.676 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

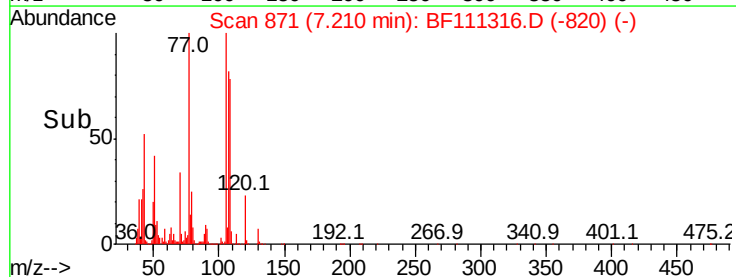
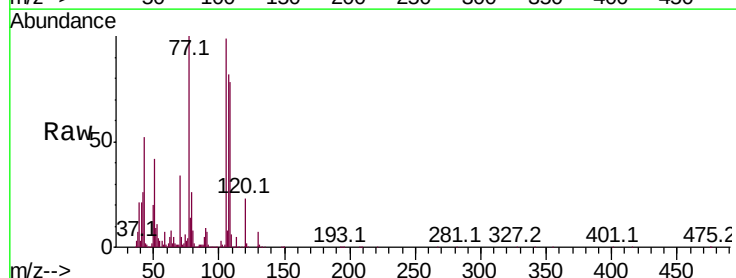
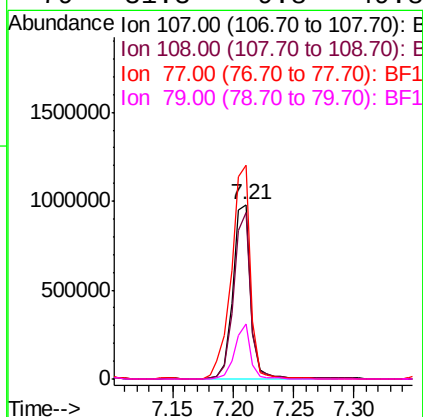
Instrument :
BNA_F
ClientSampleId :

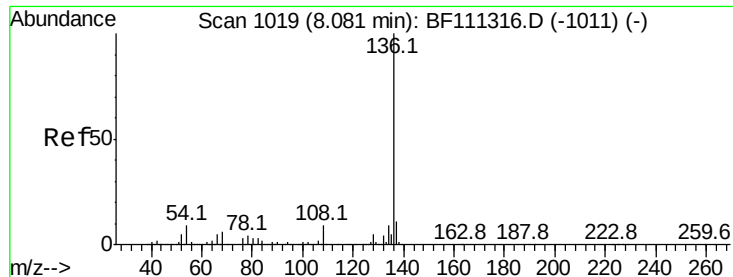
Tot Ion:	70	Resp:	762984
Ion	Ratio	Lower	Upper
70	100		
42	72.8	53.2	79.8
101	9.4	8.2	12.4
130	21.4	18.1	27.1



#20
3+4-Methylphenols
Concen: 39.108 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:	107	Resp:	997175
Ion	Ratio	Lower	Upper
107	100		
108	95.8	72.1	112.1
77	122.6	94.1	134.1
79	31.3	9.8	49.8

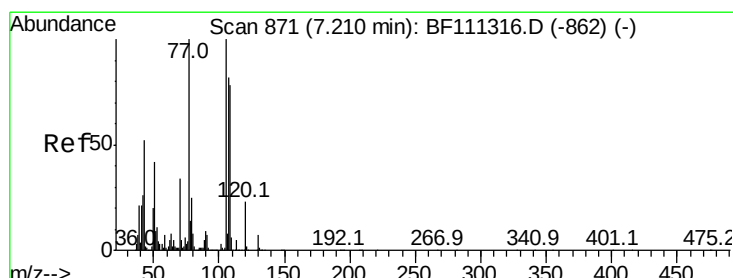
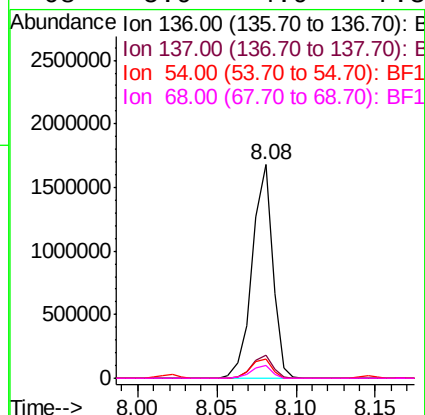
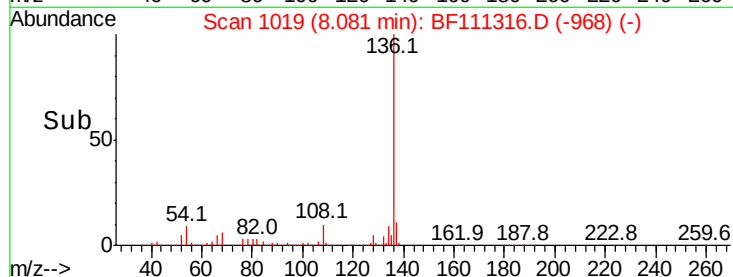
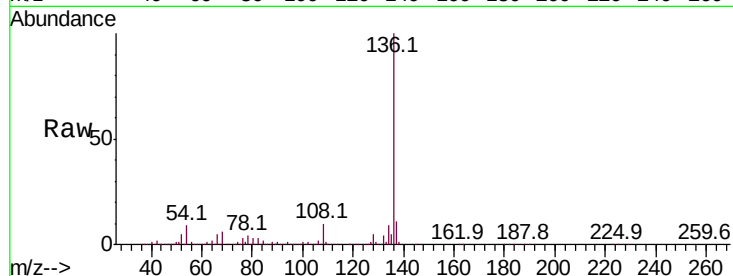




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

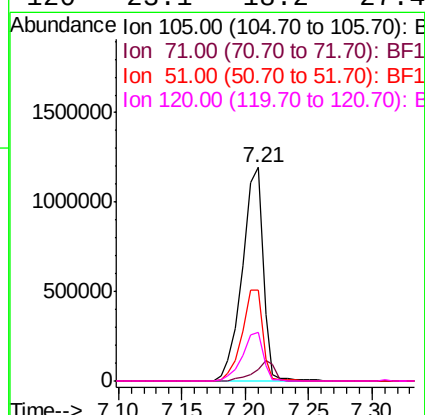
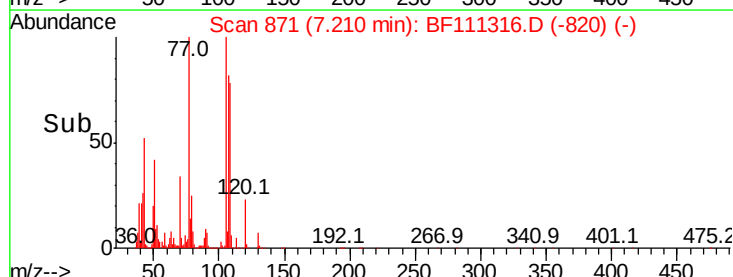
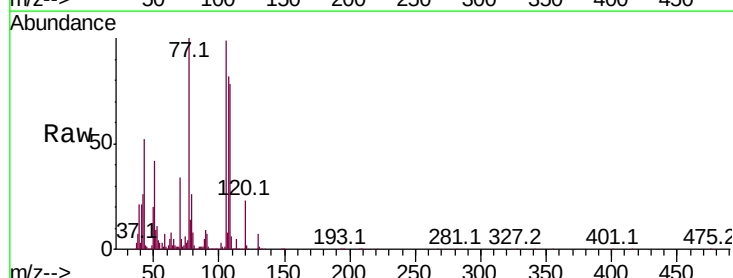
Instrument :
BNA_F
ClientSampleId :

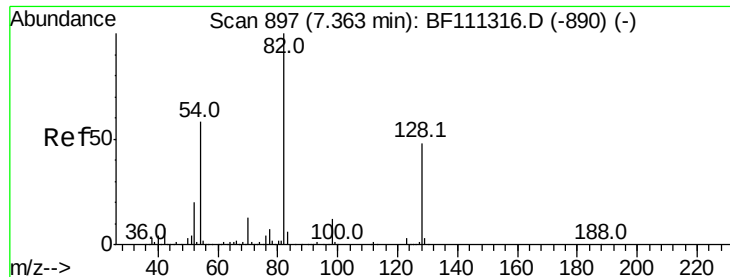
Tot Ion:136	Resp: 1504662
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 9.3	7.7 11.5
68 5.9	4.9 7.3



#22
Acetophenone
Concen: 39.404 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt	Ion:105	Resp:	1356591
Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.1	4.7#
51	42.5	36.6	54.8
120	23.1	18.2	27.4

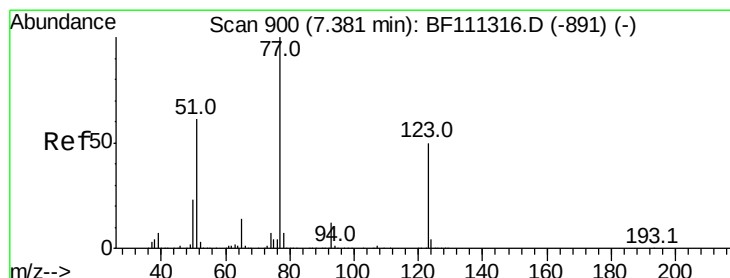
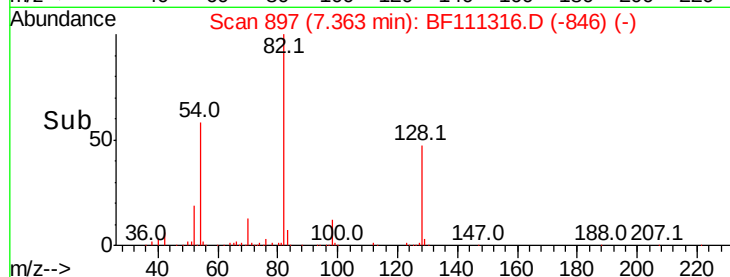
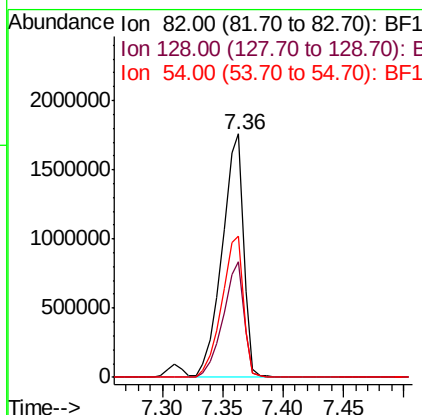
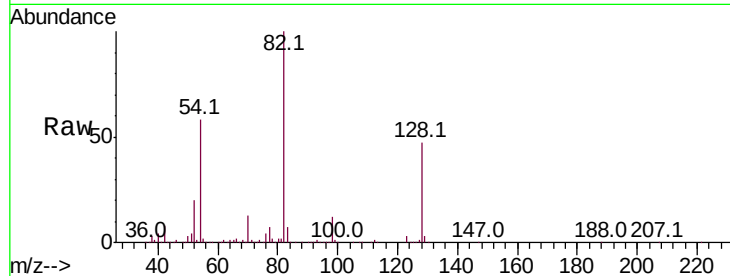




#23
 Nitrobenzene-d5
 Concen: 80.409 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

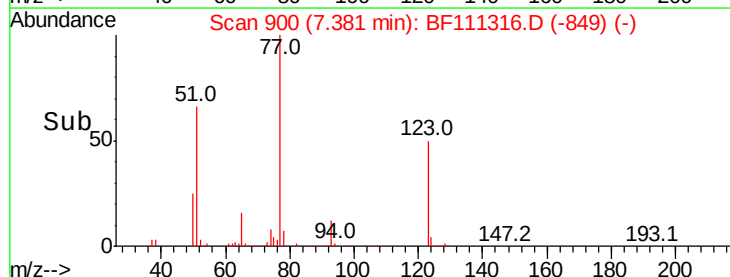
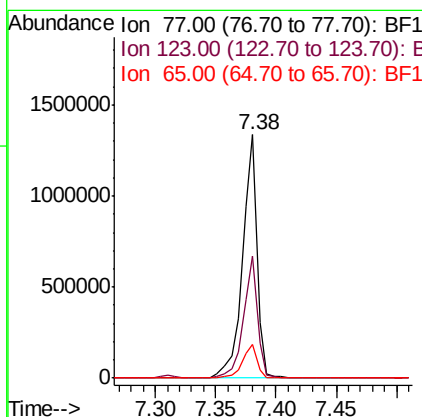
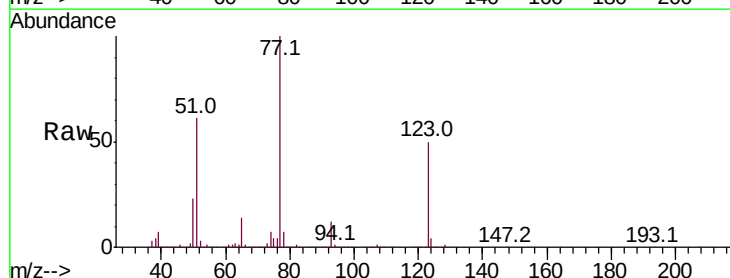
Instrument :
 BNA_F
 ClientSampled :

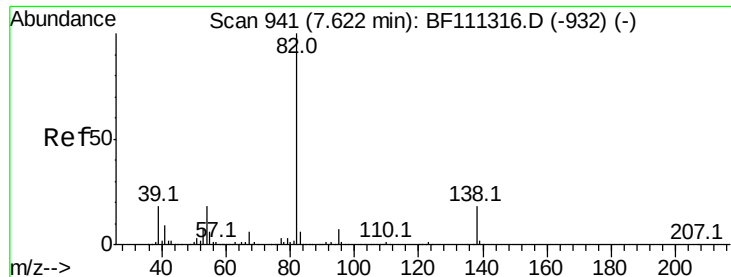
Tot Ion: 82 Resp: 2157092
 Ion Ratio Lower Upper
 82 100
 128 47.4 37.4 56.2
 54 58.1 47.6 71.4



#24
 Nitrobenzene
 Concen: 39.879 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion: 77 Resp: 1113442
 Ion Ratio Lower Upper
 77 100
 123 49.9 37.2 55.8
 65 14.0 11.5 17.3





#25

Isophorone

Concen: 39.497 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

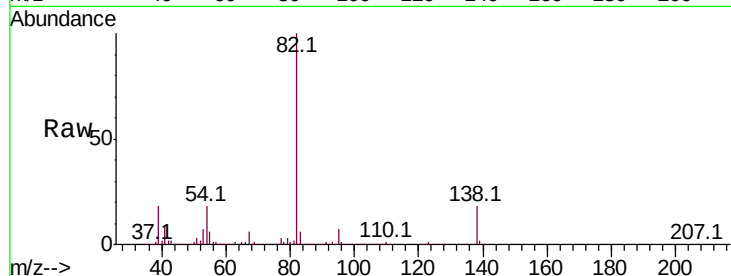
Tot Ion: 82 Resp: 1804678

Ion Ratio Lower Upper

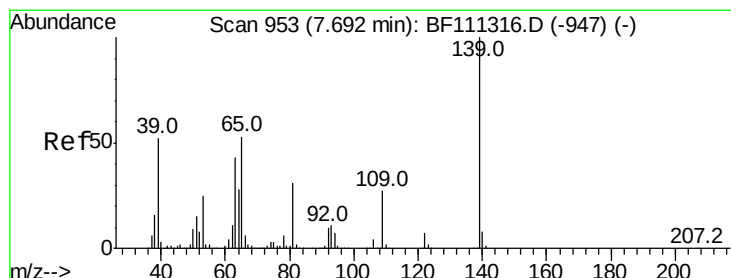
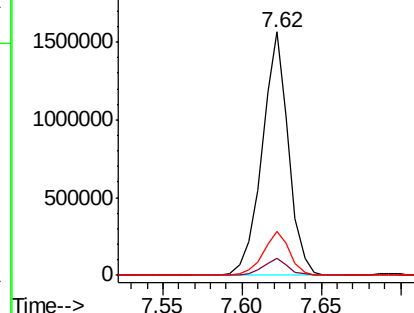
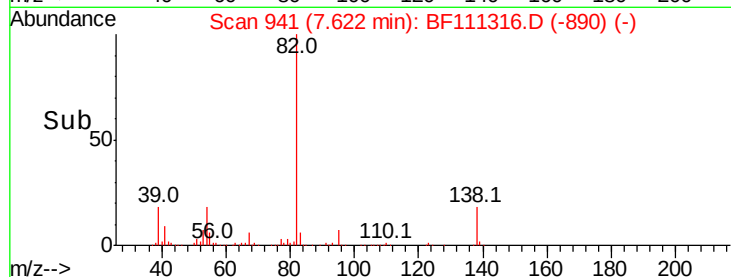
82 100

95 7.0 5.4 8.2

138 18.0 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: 40.518 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

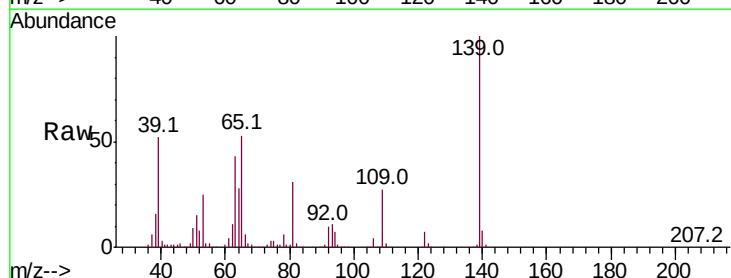
Tgt Ion: 139 Resp: 562079

Ion Ratio Lower Upper

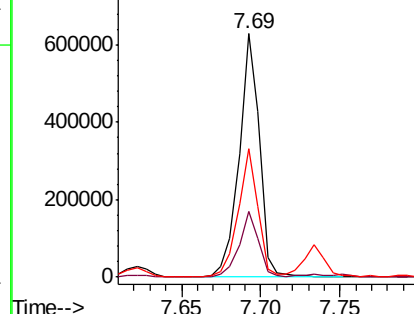
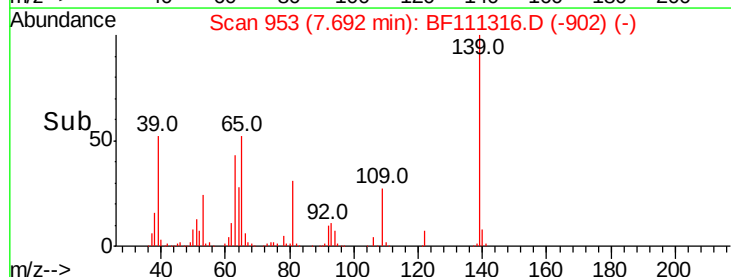
139 100

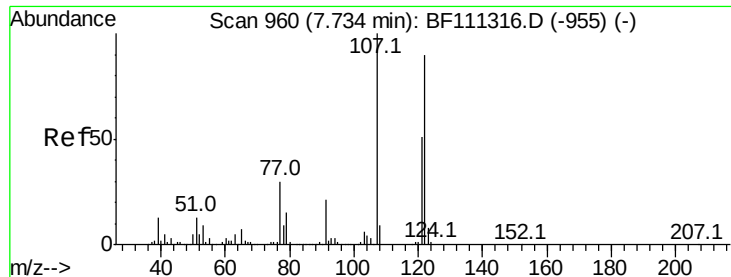
109 26.8 20.2 30.4

65 52.9 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

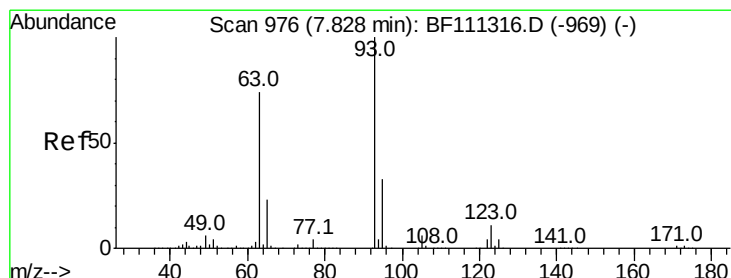
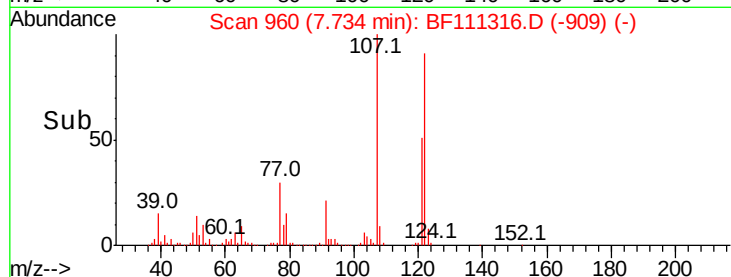
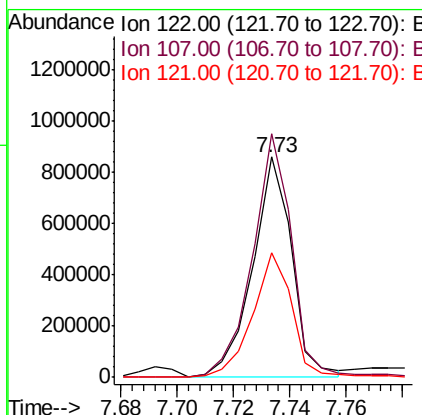
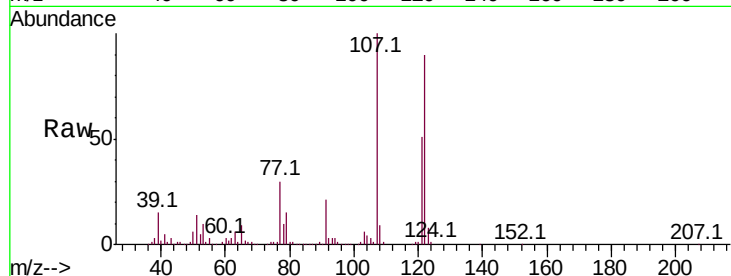




#27
 2,4-Dimethylphenol
 Concen: 38.224 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

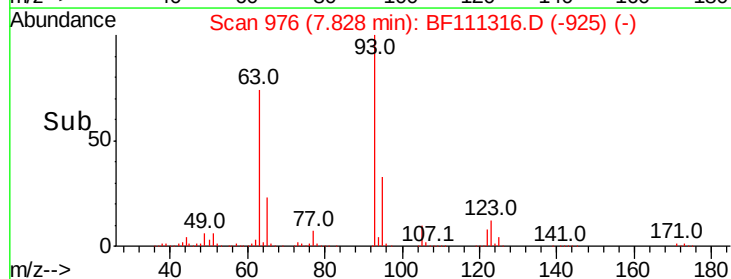
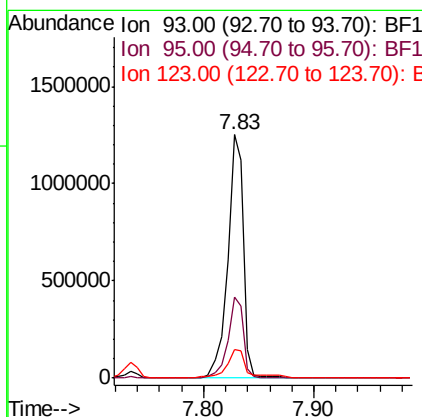
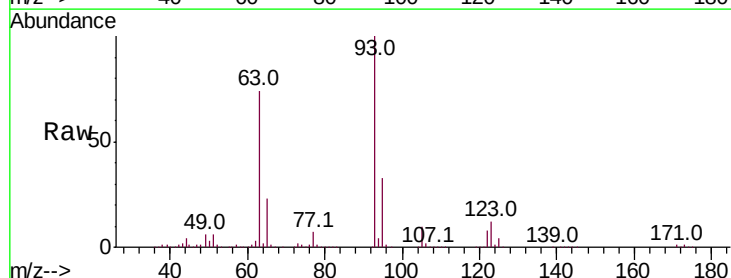
Instrument :
 BNA_F
 ClientSampled :

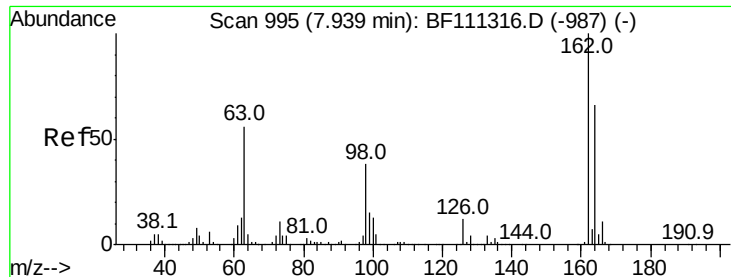
Tot Ion:122 Resp: 819375
 Ion Ratio Lower Upper
 122 100
 107 110.6 85.5 128.3
 121 56.8 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.199 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion: 93 Resp: 1240272
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.1 40.7
 123 11.8 9.9 14.9

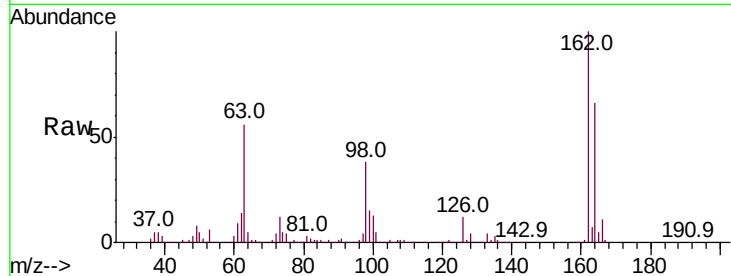




#29
2,4-Dichlorophenol
Concen: 39.313 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.4	84.4
98	37.7	20.3	60.3

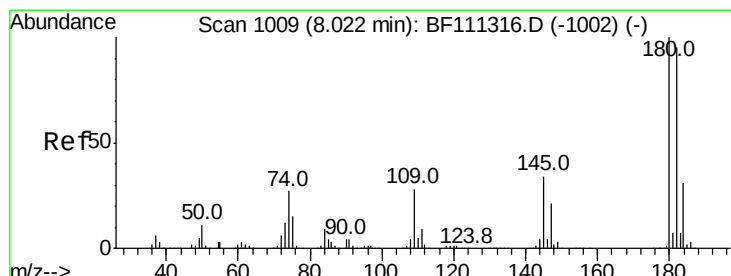
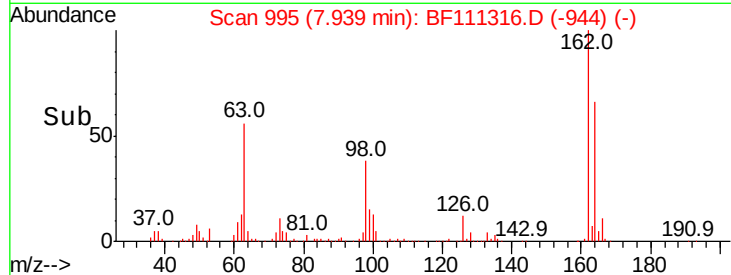
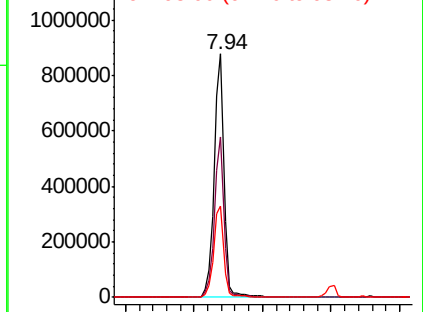


Abundance

Ion 162.00 (161.70 to 162.70): E

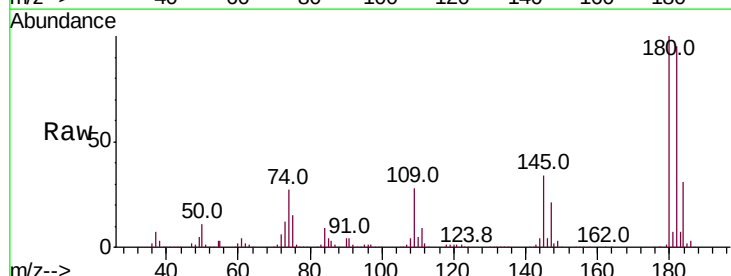
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.448 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.6	113.4
145	34.0	26.7	40.1

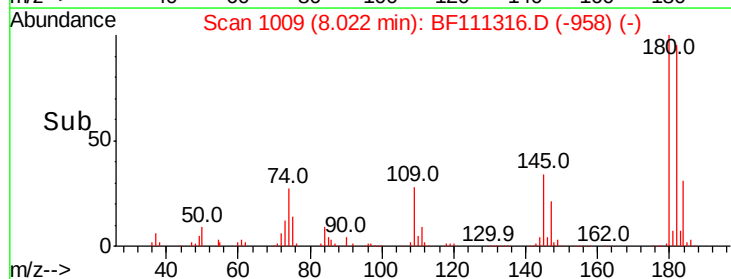
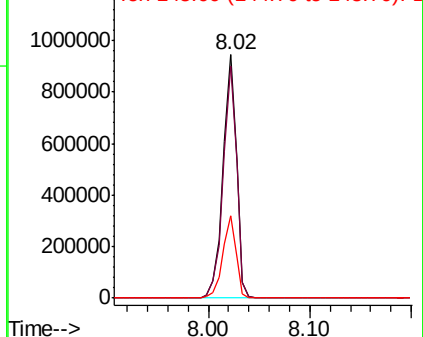


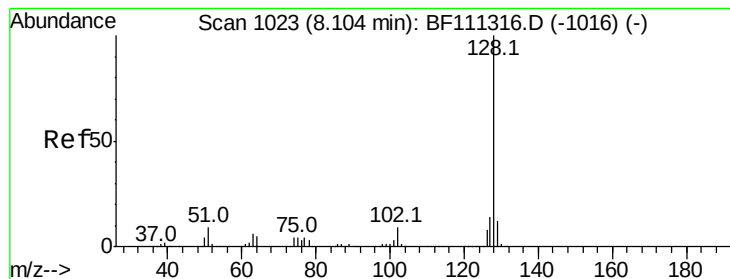
Abundance

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: 41.718 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

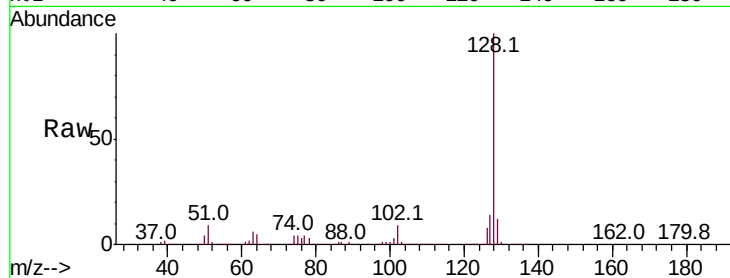
Tot Ion:128 Resp: 2739608

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.8

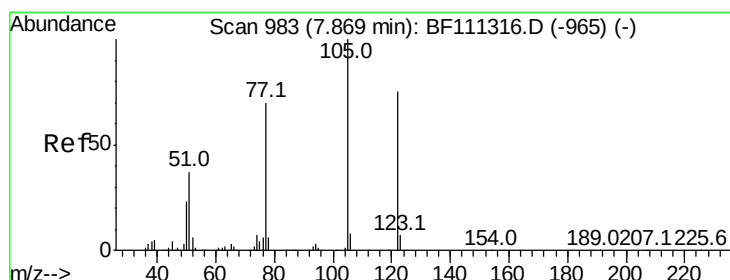
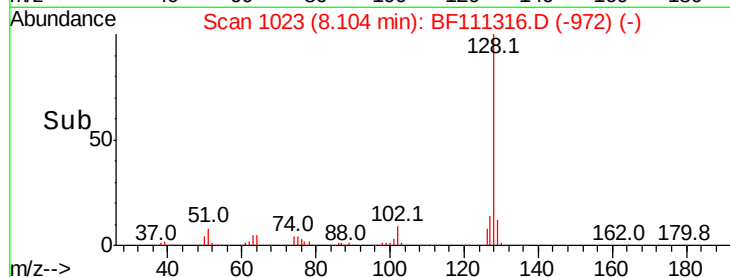
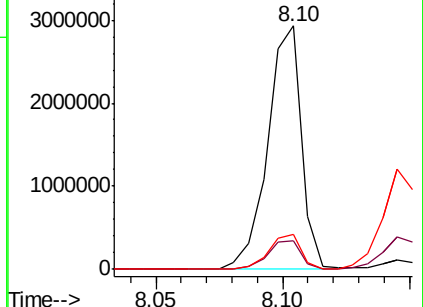
127 14.1 12.0 18.0



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: 29.913 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

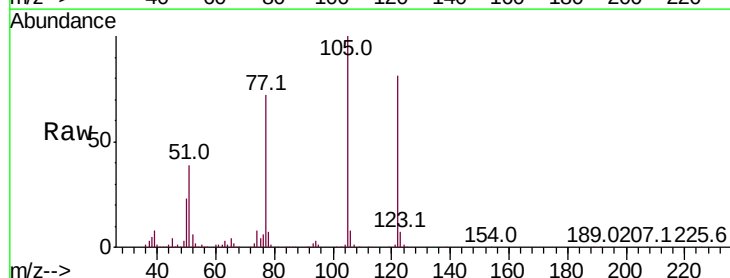
Tgt Ion:122 Resp: 530241

Ion Ratio Lower Upper

122 100

105 123.4 97.0 137.0

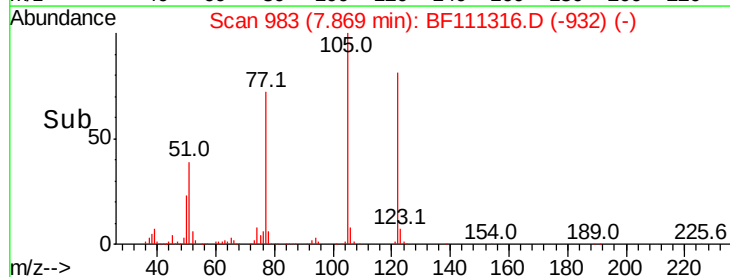
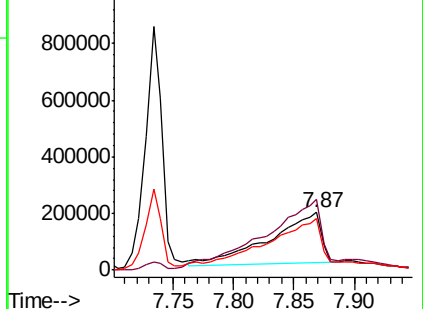
77 89.1 65.7 105.7

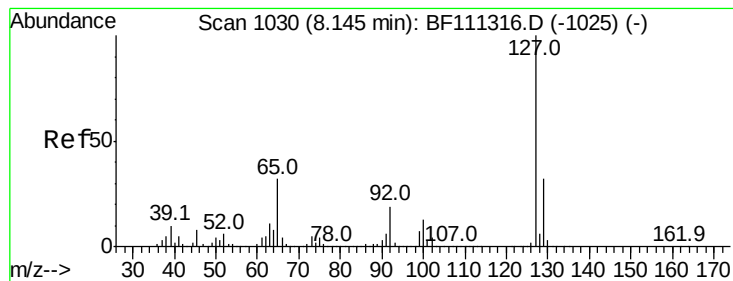


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.874 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1257666

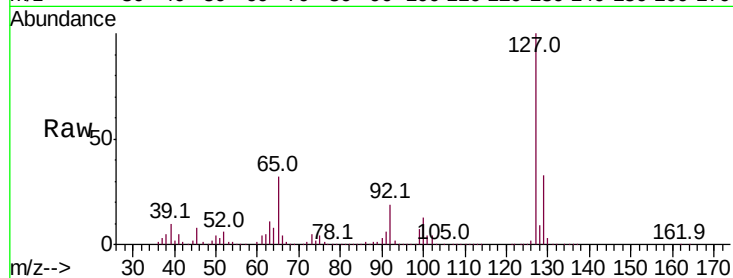
Ion Ratio Lower Upper

127 100

129 32.6 26.6 39.8

65 31.8 25.7 38.5

92 19.2 15.4 23.2

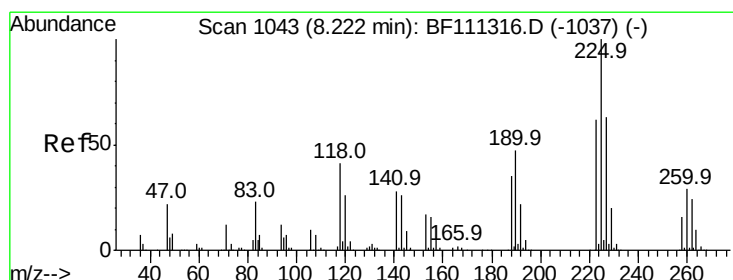
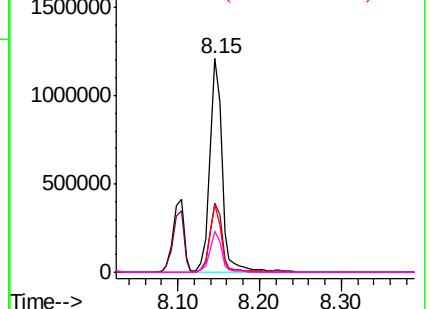
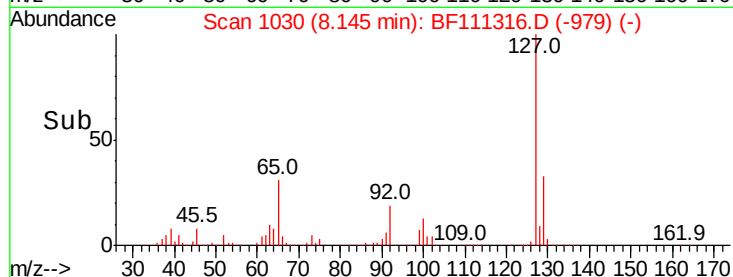


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.861 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

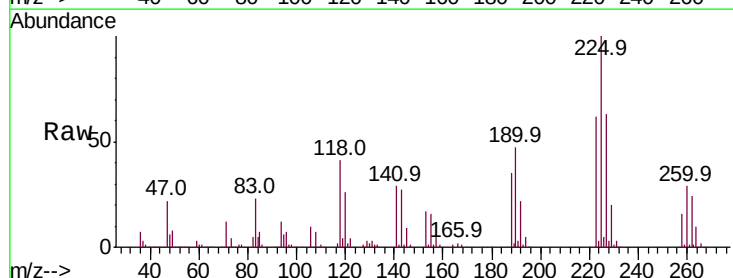
Tgt Ion:225 Resp: 486975

Ion Ratio Lower Upper

225 100

223 62.5 50.7 76.1

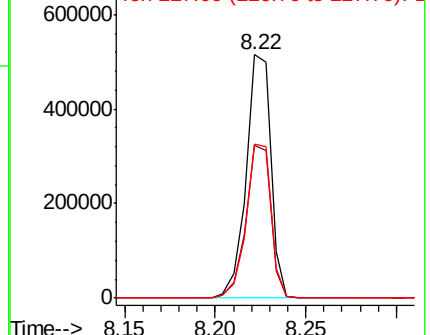
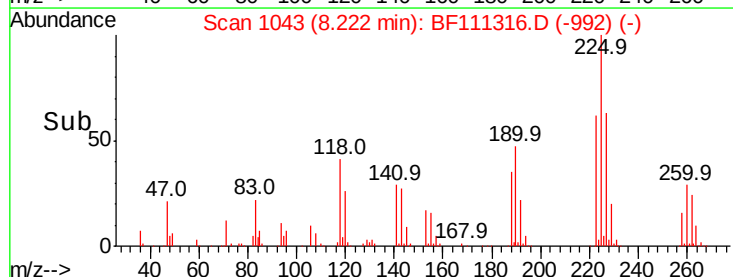
227 63.3 52.6 78.8

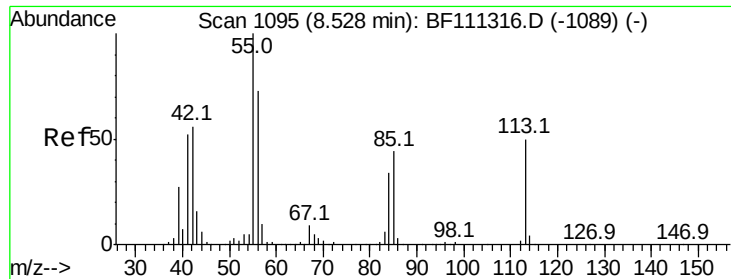


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

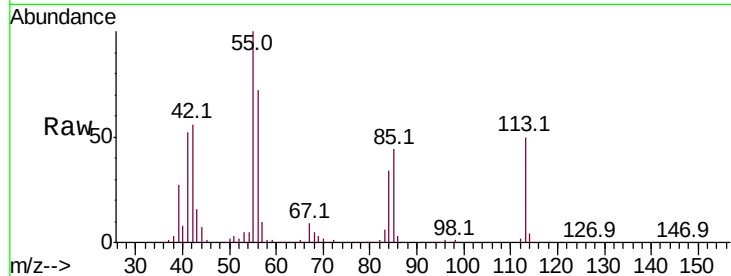




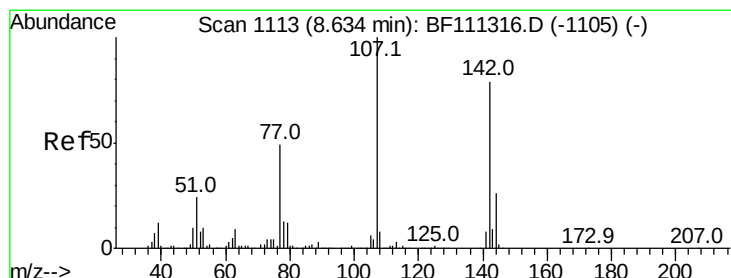
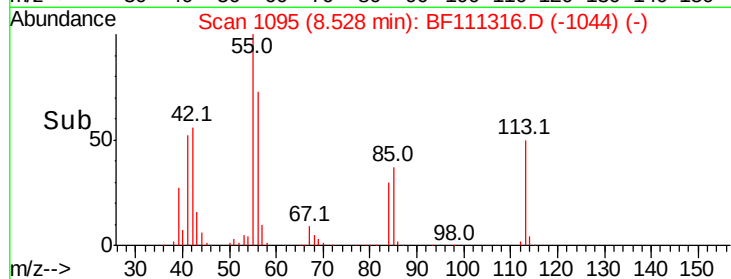
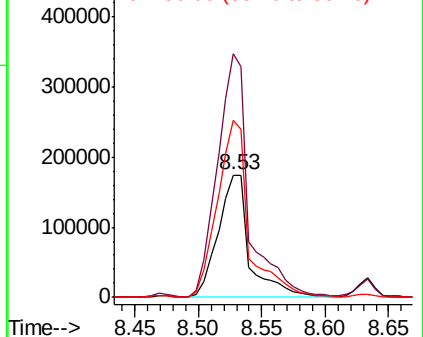
#35
 Caprolactam
 Concen: 38.887 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 302035
 Ion Ratio Lower Upper
 113 100
 55 199.3 184.1 224.1
 56 144.5 126.0 166.0

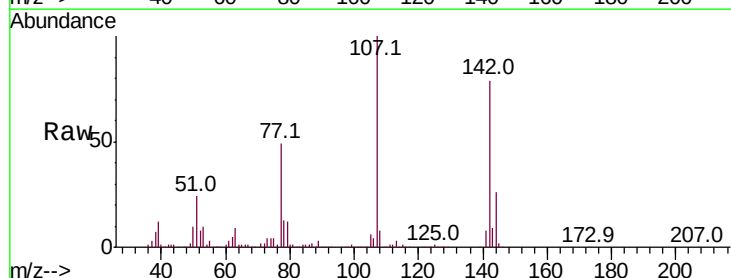


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

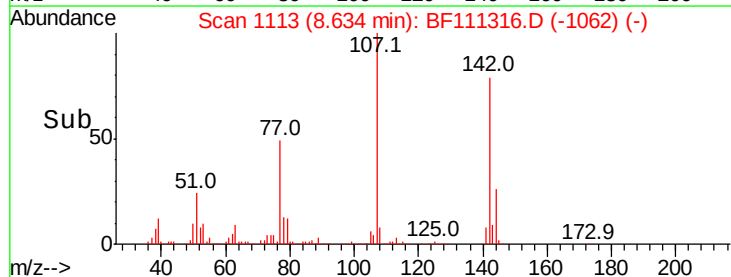
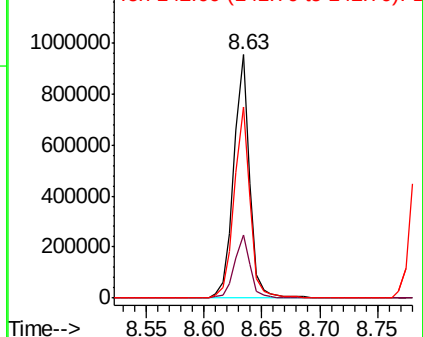


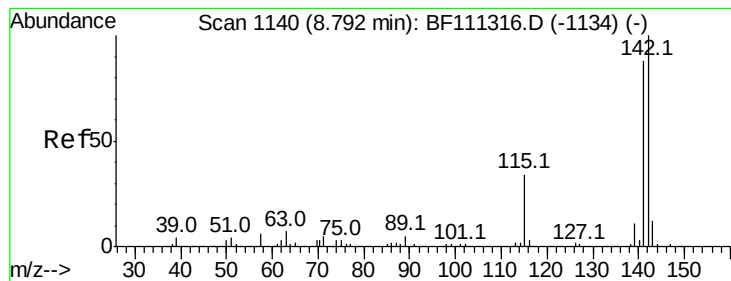
#36
 4-Chloro-3-methylphenol
 Concen: 40.668 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion:107 Resp: 912660
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.8 29.6
 142 78.6 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 40.929 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

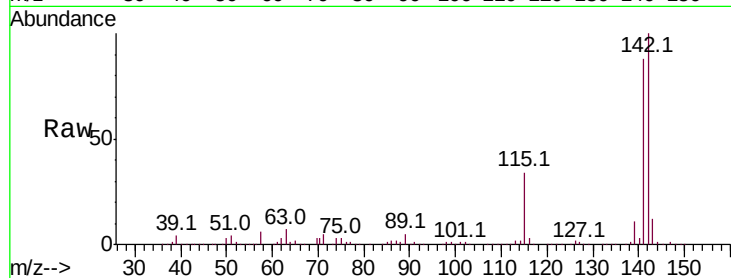
Tot Ion:142 Resp: 1784460

Ion Ratio Lower Upper

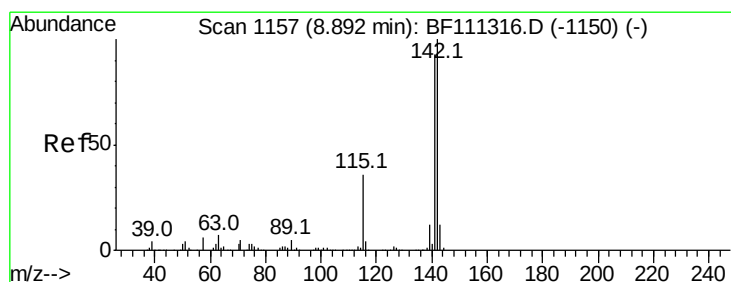
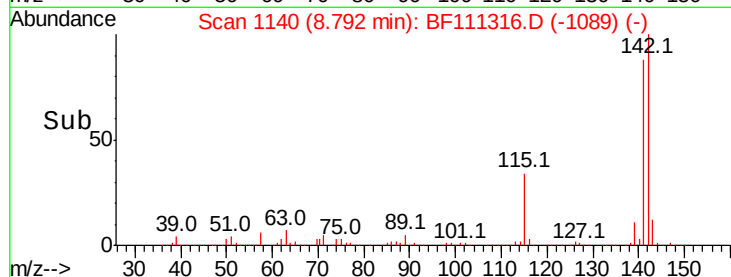
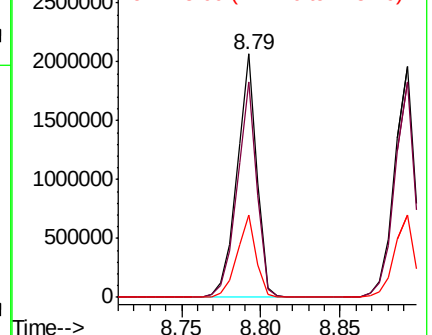
142 100

141 88.5 70.6 105.8

115 33.7 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: 40.040 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

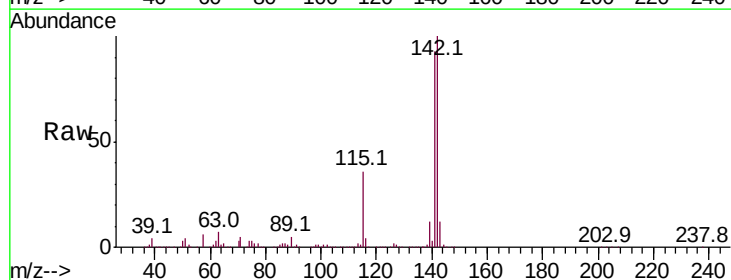
Tgt Ion:142 Resp: 1709568

Ion Ratio Lower Upper

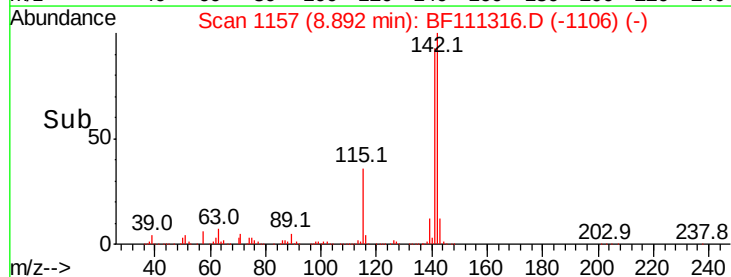
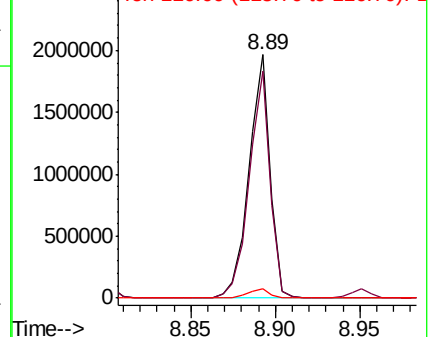
142 100

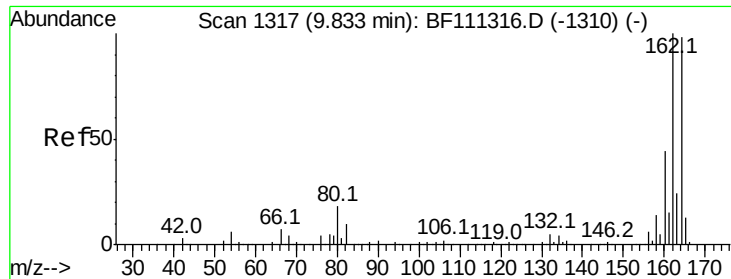
141 93.2 74.2 111.4

116 3.7 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

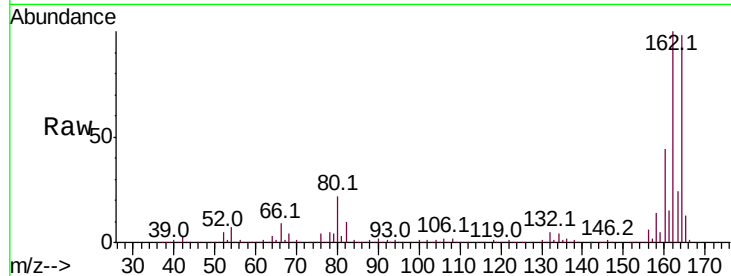




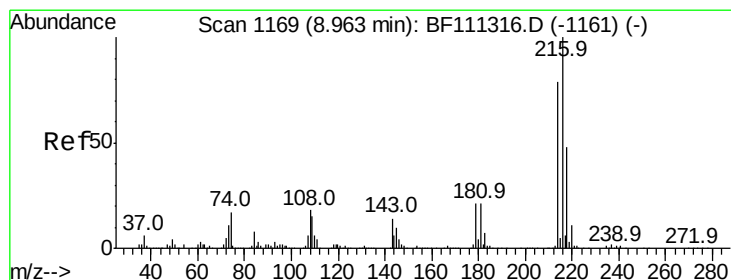
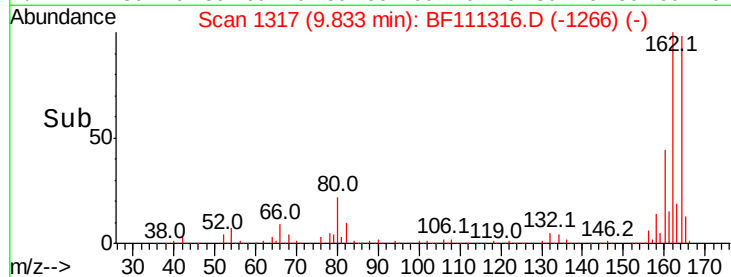
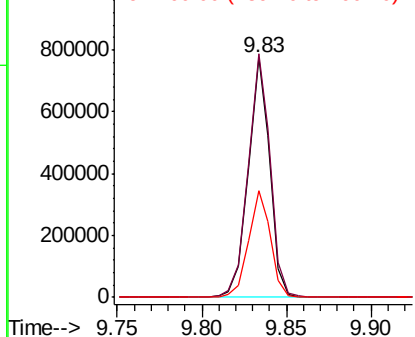
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 687784
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.8 35.7 53.5

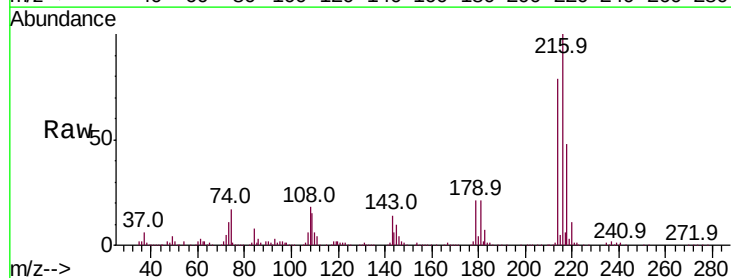


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

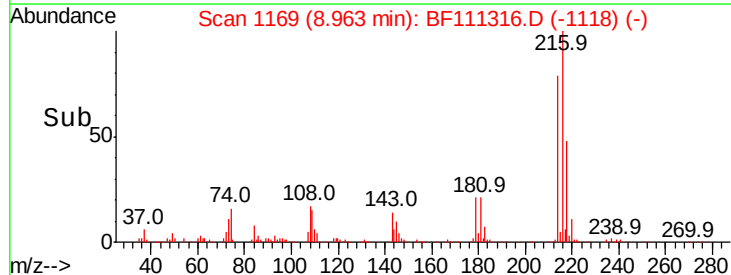
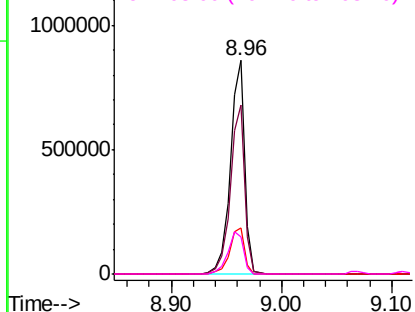


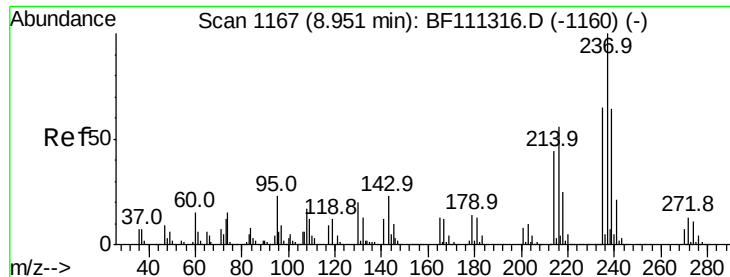
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.465 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:216 Resp: 774410
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 22.4 17.9 26.9
108 21.9 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

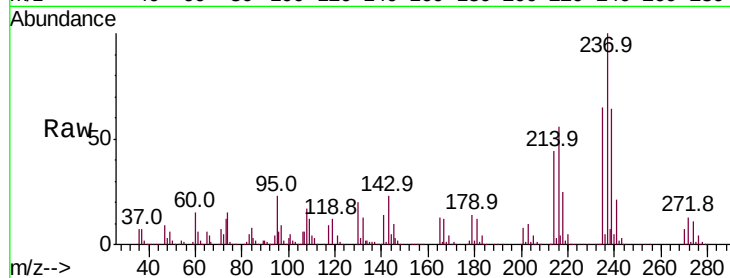




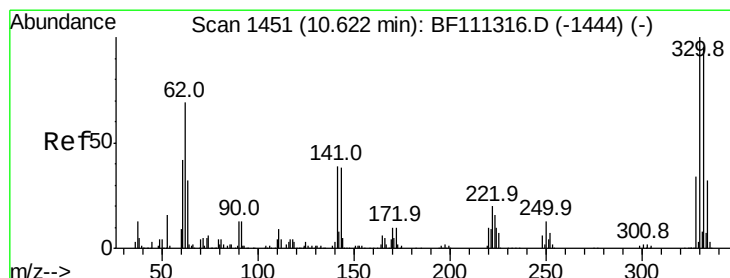
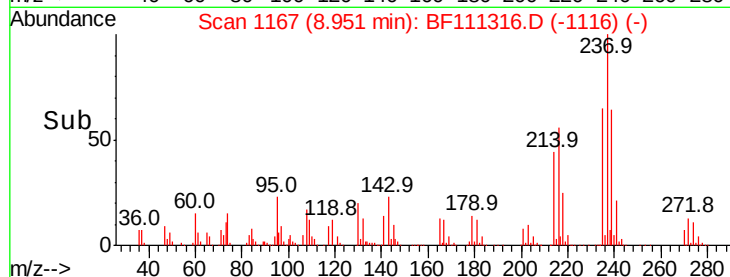
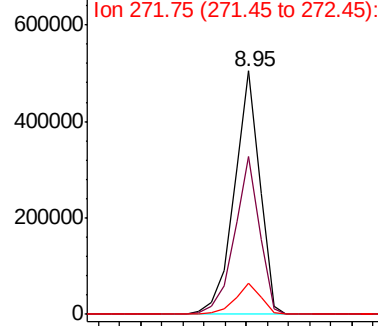
#41
Hexachlorocyclopentadiene
Concen: 38.951 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 424521
Ion Ratio Lower Upper
237 100
235 64.7 43.1 83.1
272 12.9 0.0 33.0

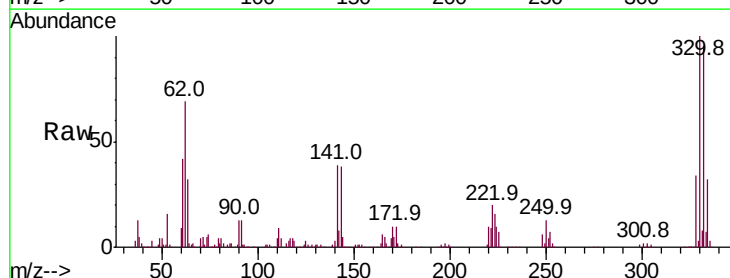


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

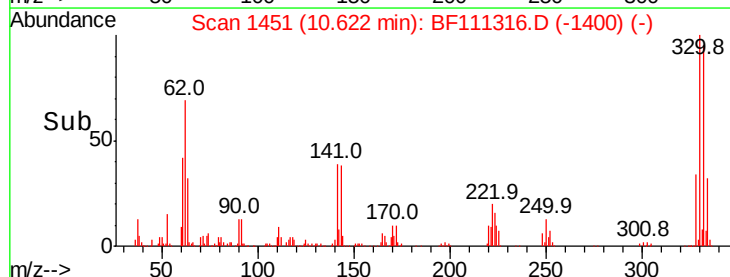
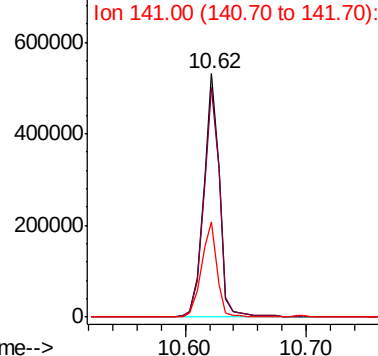


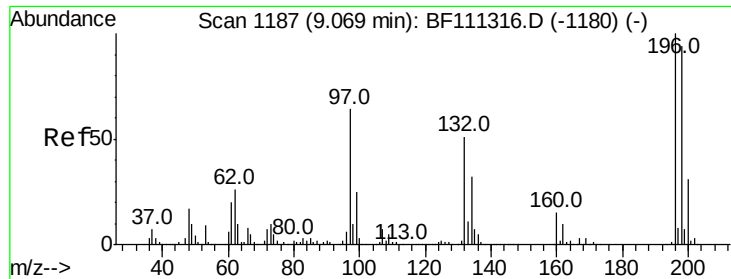
#42
2,4,6-Tribromophenol
Concen: 78.474 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:330 Resp: 478102
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 39.3 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

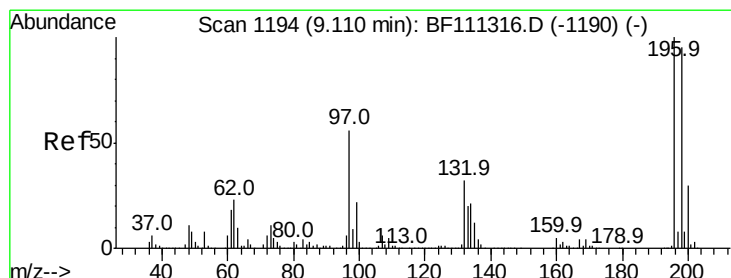
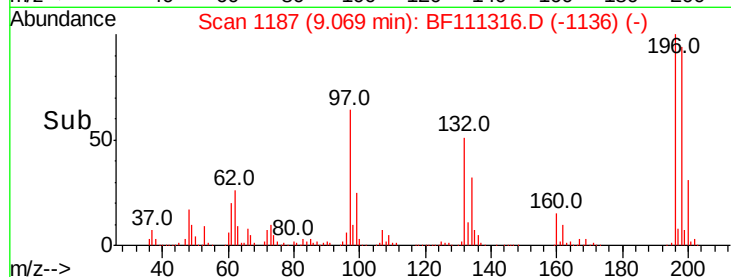
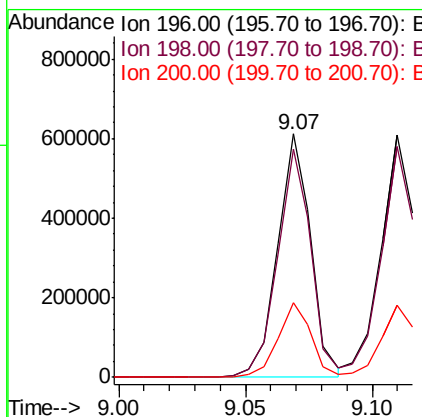
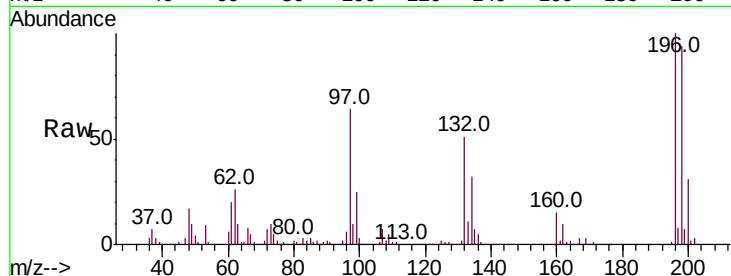




#43
 2,4,6-Trichlorophenol
 Concen: 39.005 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

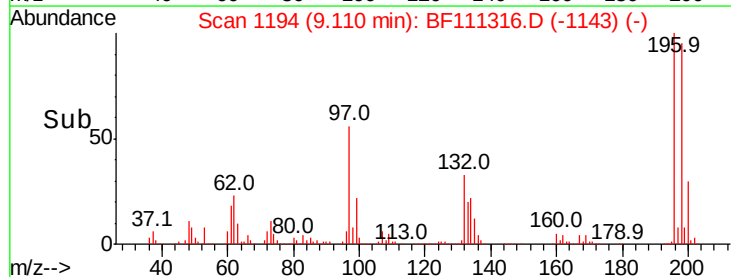
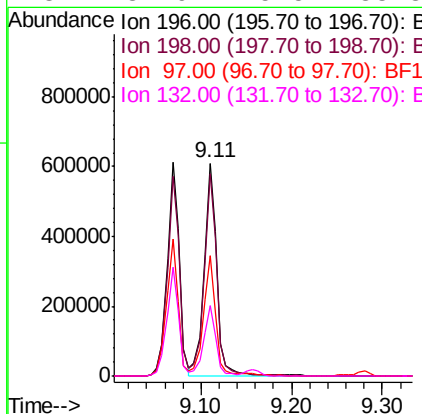
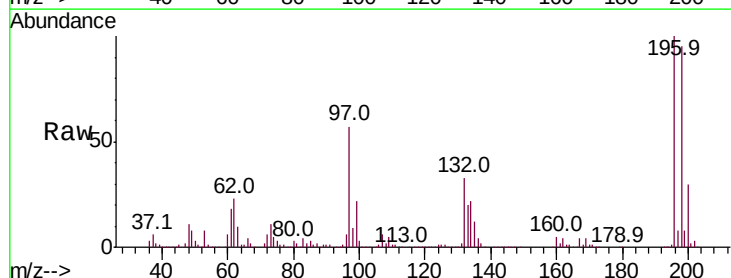
Instrument :
 BNA_F
 ClientSampled :

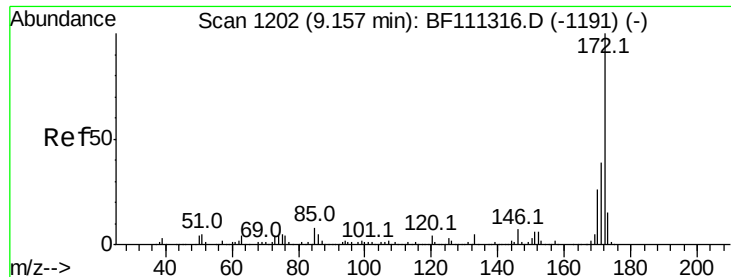
Tot Ion:196	Resp:	560320
Ion	Ratio	Lower Upper
196	100	
198	93.7	76.3 114.5
200	30.5	24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.235 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion:196	Resp:	602104
Ion	Ratio	Lower Upper
196	100	
198	95.3	72.9 109.3
97	56.5	45.3 67.9
132	32.9	25.5 38.3



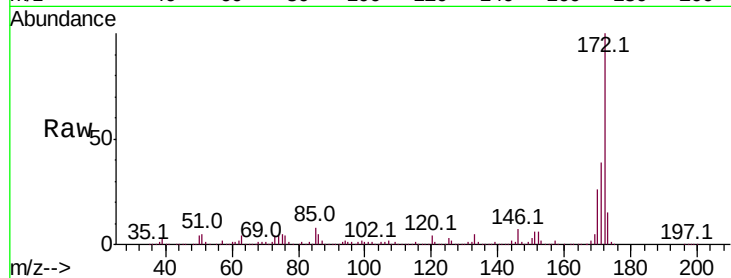


#45
 2-Fluorobiphenyl
 Concen: 77.795 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

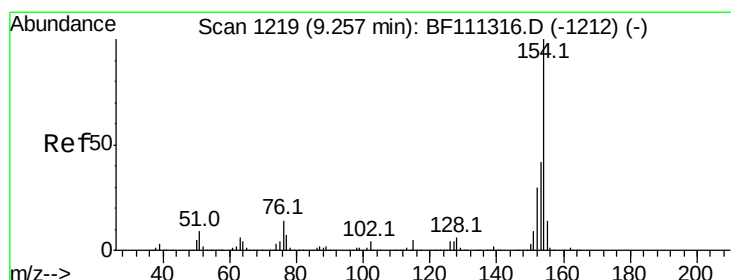
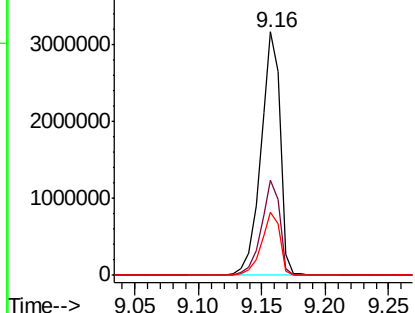
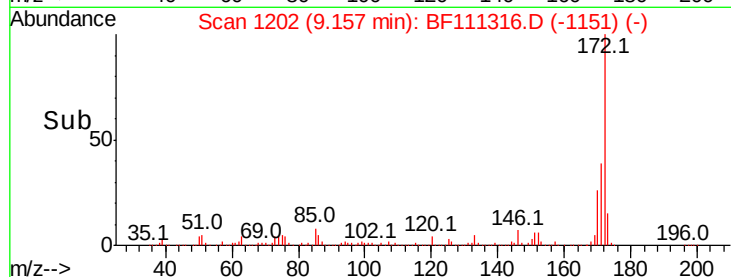
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3391942

Ion	Ratio	Lower	Upper
172	100		
171	39.1	33.0	49.4
170	26.1	22.3	33.5



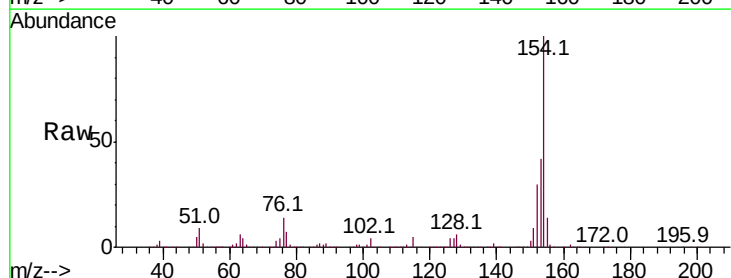
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



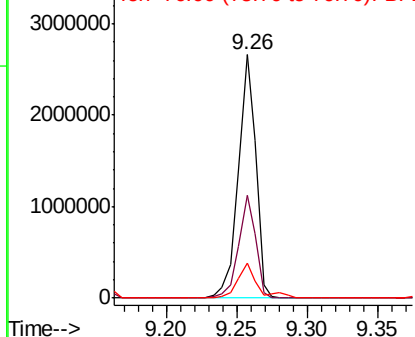
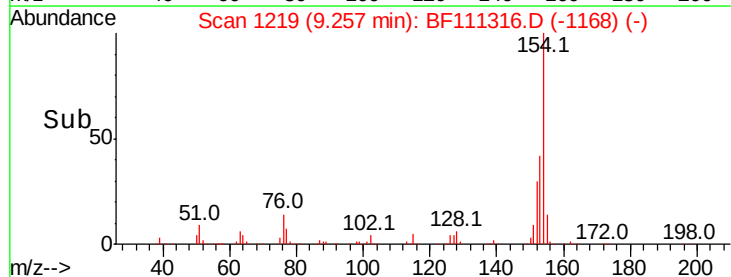
#46
 1,1'-Biphenyl
 Concen: 39.723 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

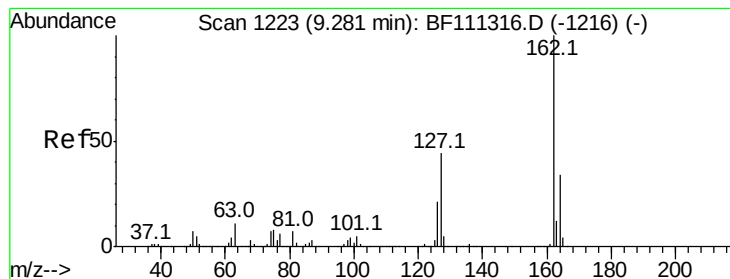
Tgt Ion:154 Resp: 2296608

Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.7	63.7
76	14.3	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: 39.436 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampled :

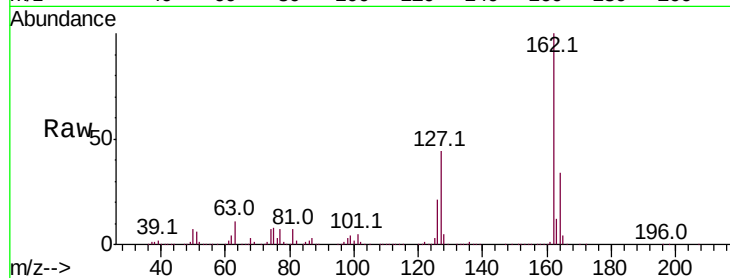
Tot Ion:162 Resp: 1774743

Ion Ratio Lower Upper

162 100

127 44.0 35.0 52.4

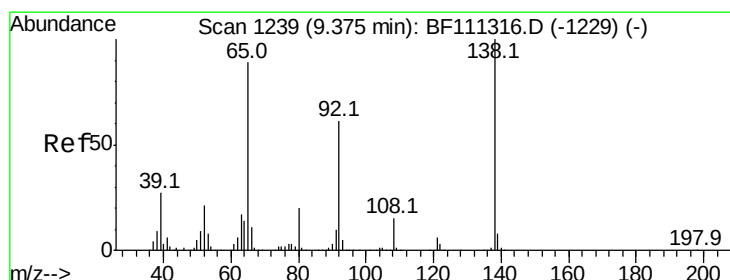
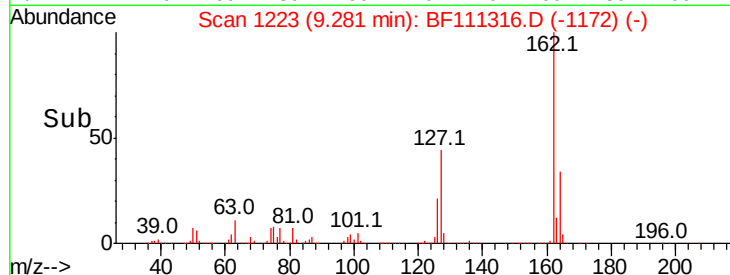
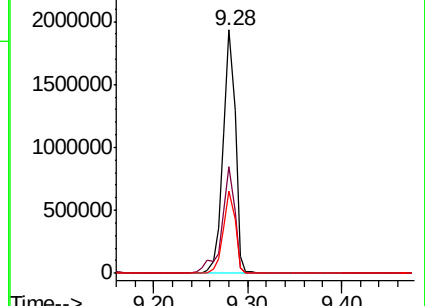
164 33.9 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.141 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

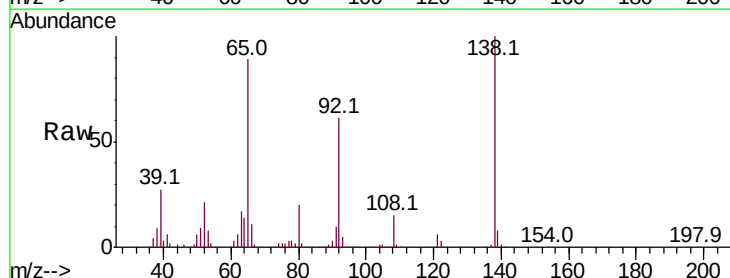
Tgt Ion: 65 Resp: 600879

Ion Ratio Lower Upper

65 100

92 68.1 53.5 80.3

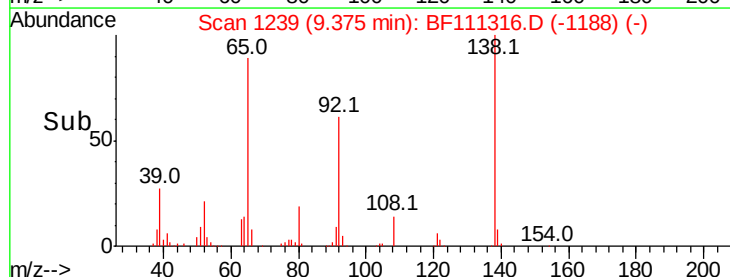
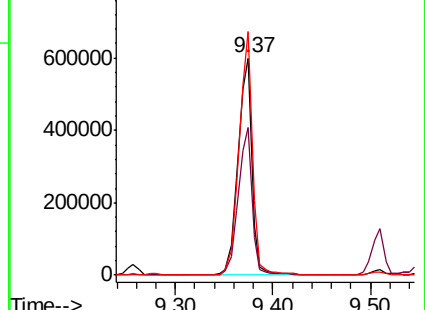
138 112.1 80.9 121.3

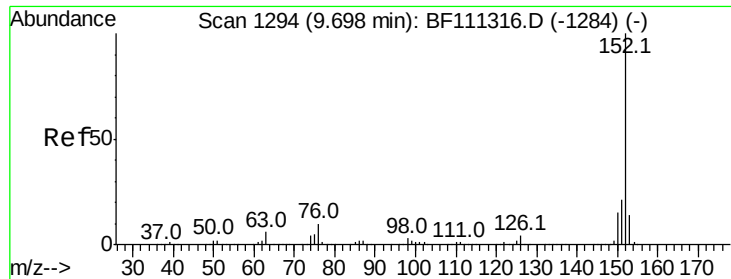


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.797 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

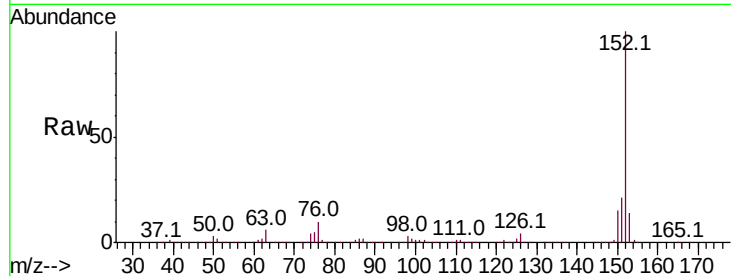
Tot Ion:152 Resp: 2600008

Ion Ratio Lower Upper

152 100

151 21.5 18.0 27.0

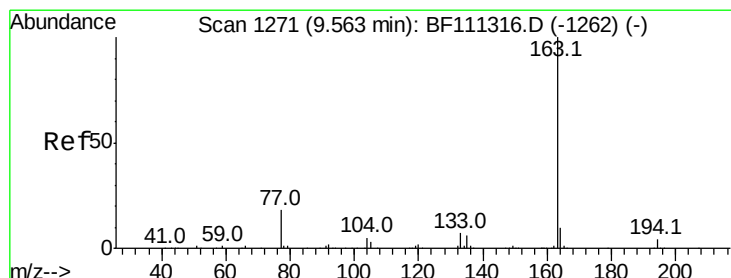
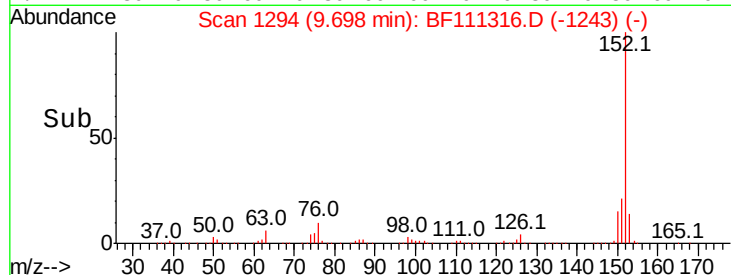
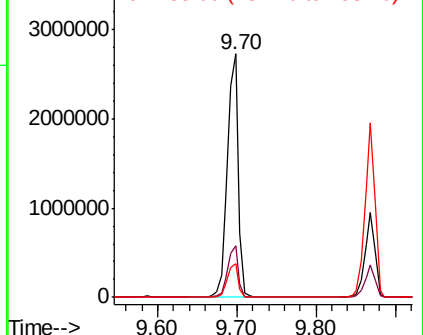
153 13.8 12.3 18.5



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: 38.295 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

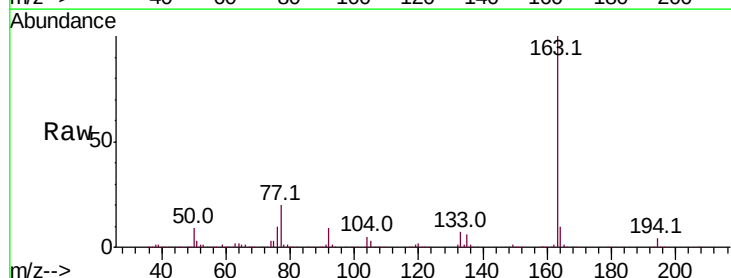
Tgt Ion:163 Resp: 1943399

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

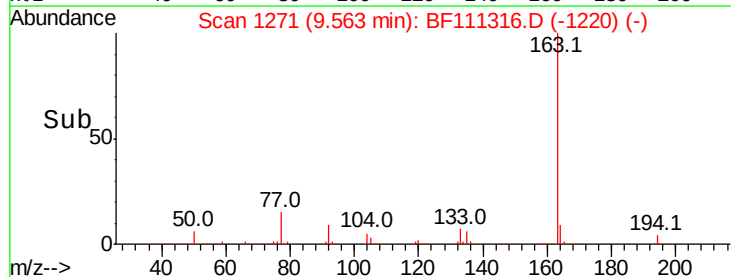
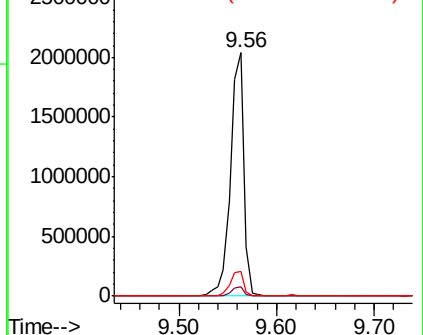
164 10.1 8.9 13.3

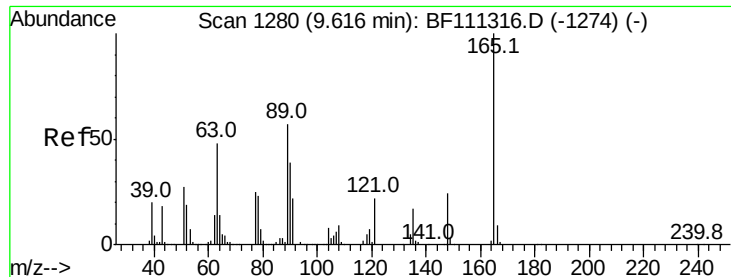


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

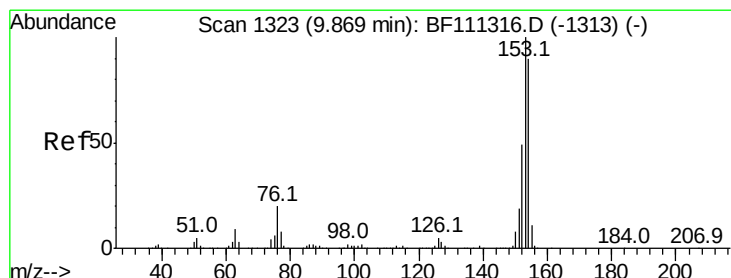
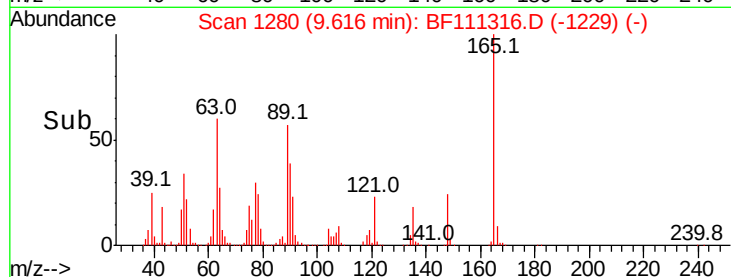
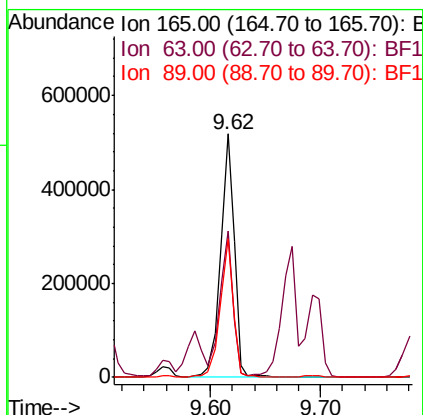
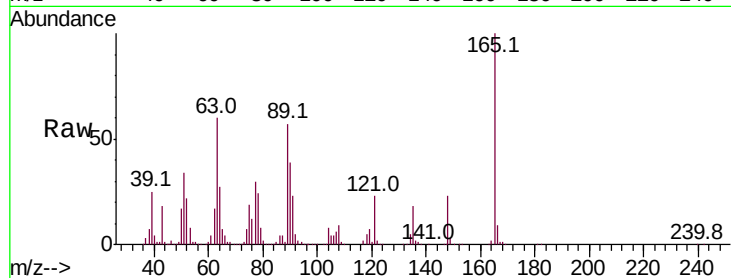




#51
 2,6-Dinitrotoluene
 Concen: 40.249 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

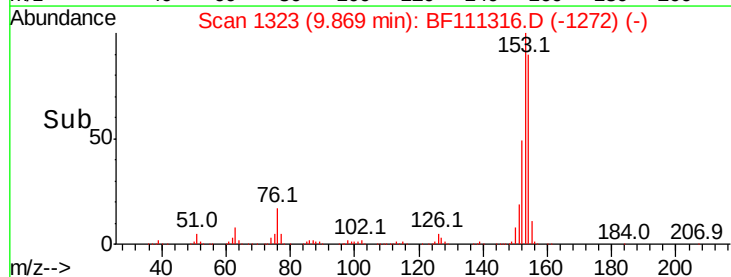
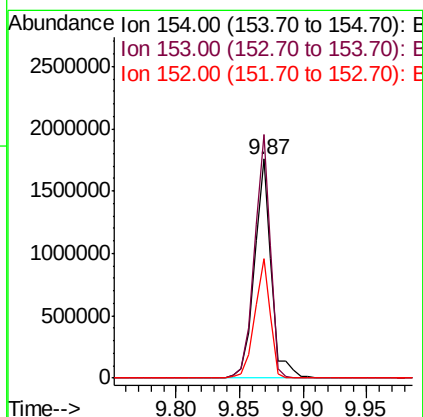
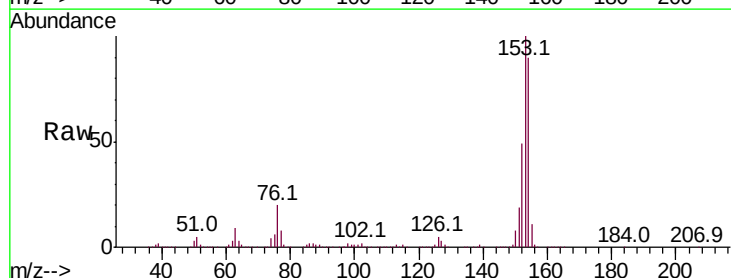
Instrument :
 BNA_F
 ClientSampleId :

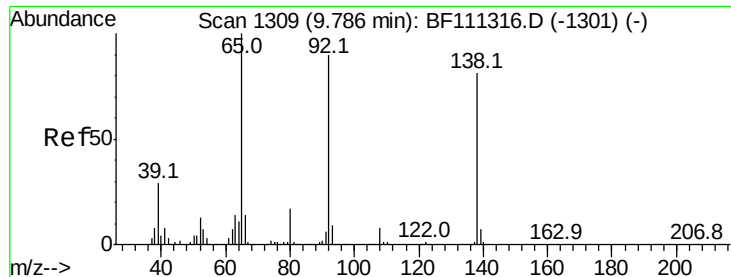
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.1	40.5	60.7
89	56.8	40.0	60.0



#52
 Acenaphthene
 Concen: 40.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	87.8	131.8
152	54.5	43.4	65.2

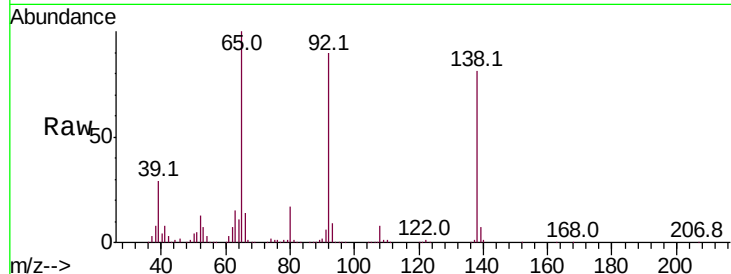




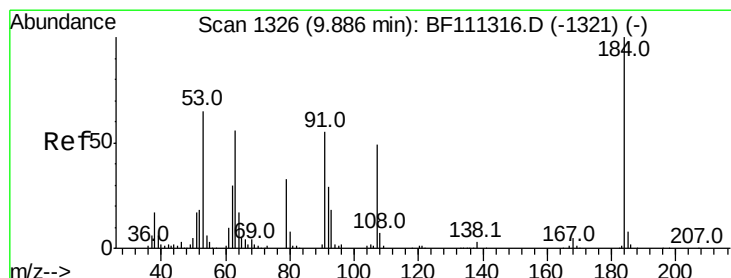
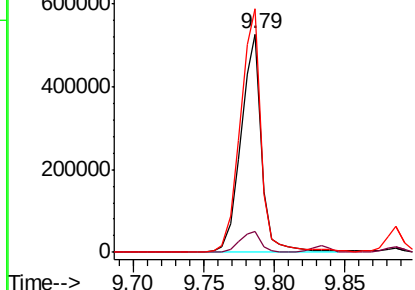
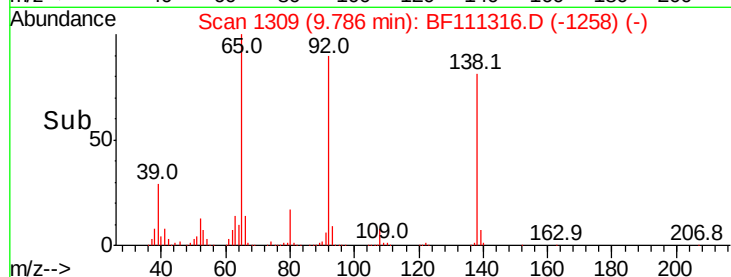
#53
3-Nitroaniline
Concen: 38.568 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 533519
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.4
92 111.6 93.4 140.2

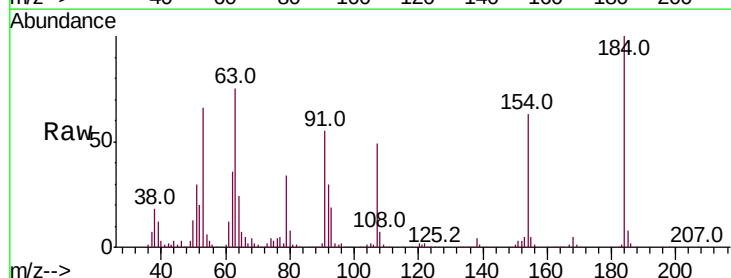


Abundance Ion 138.00 (137.70 to 138.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

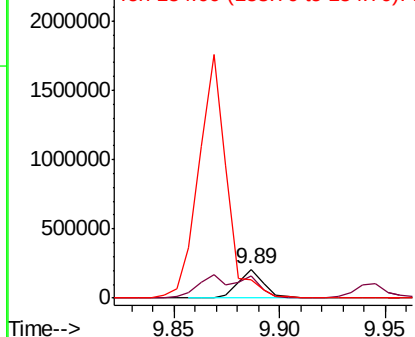
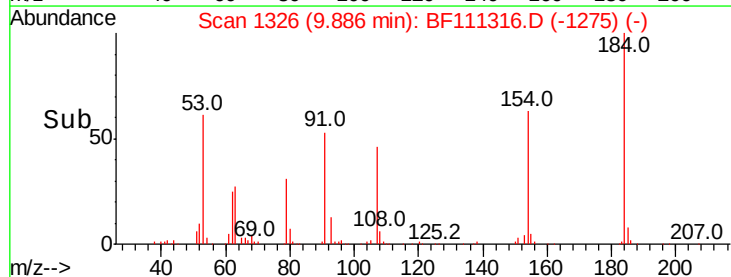


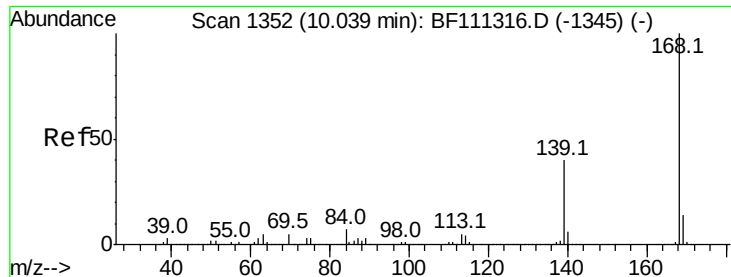
#54
2,4-Dinitrophenol
Concen: 39.575 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:184 Resp: 175269
Ion Ratio Lower Upper
184 100
63 74.6 62.3 93.5
154 63.4 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
2000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

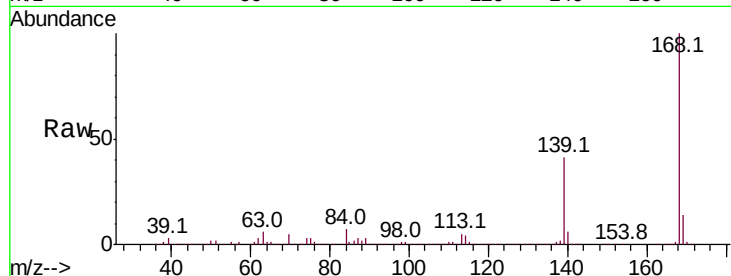




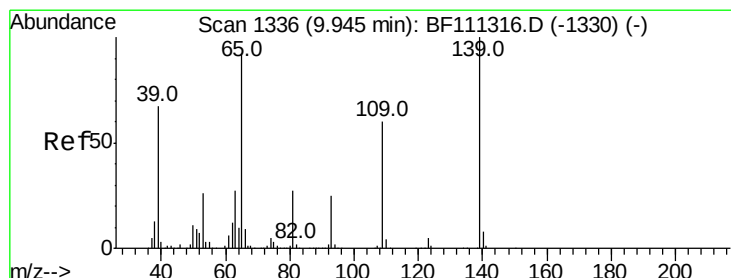
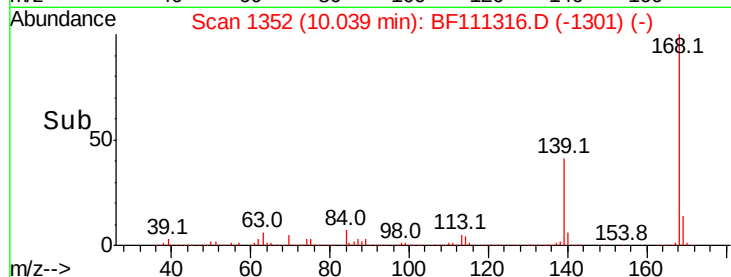
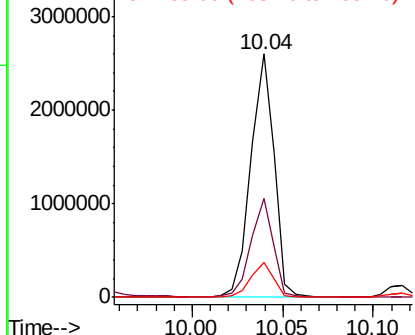
#55
Dibenzofuran
Concen: 41.772 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2329915
Ion Ratio Lower Upper
168 100
139 40.5 32.6 49.0
169 14.4 11.8 17.6

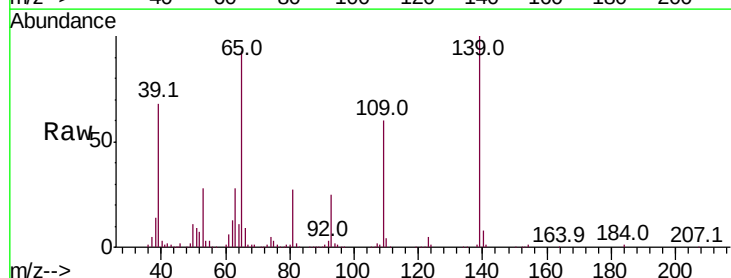


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

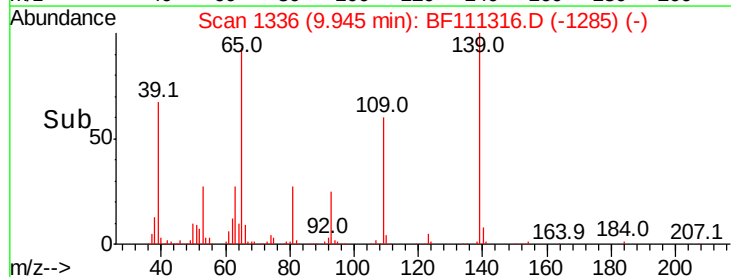
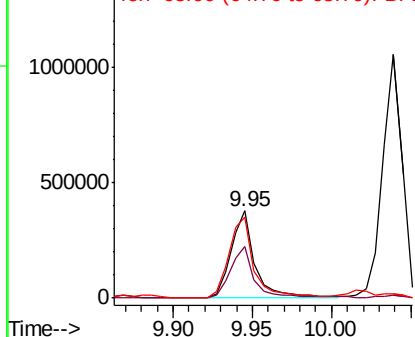


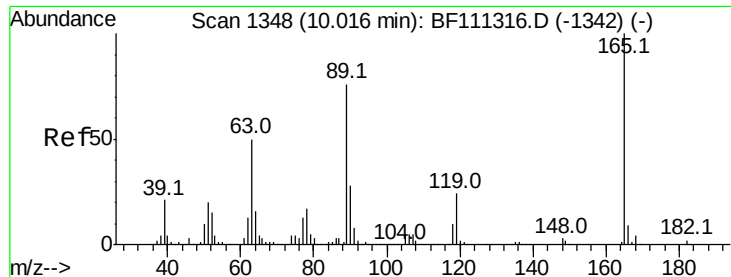
#56
4-Nitrophenol
Concen: 37.045 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:139 Resp: 399118
Ion Ratio Lower Upper
139 100
109 60.0 41.8 81.8
65 92.9 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

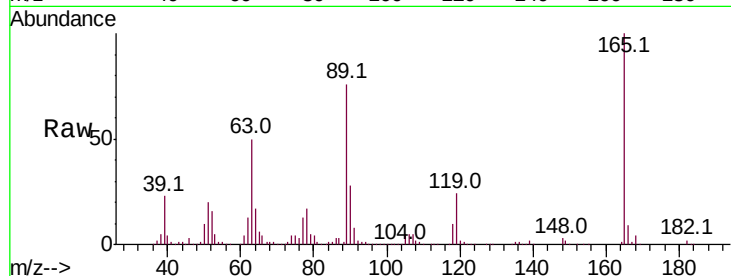




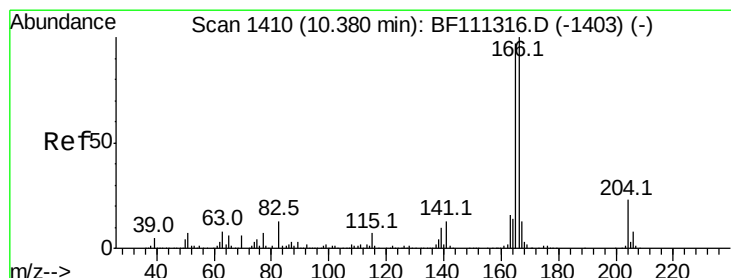
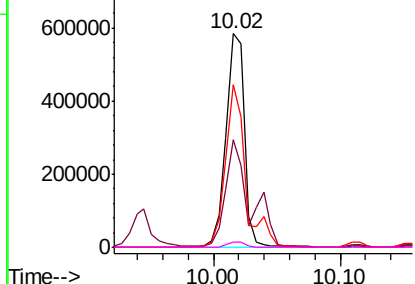
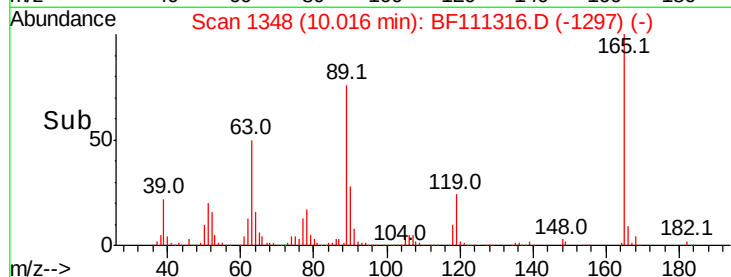
#57
 2,4-Dinitrotoluene
 Concen: 42.667 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	34.6	52.0
89	76.4	56.2	84.4
182	2.3	1.8	2.6

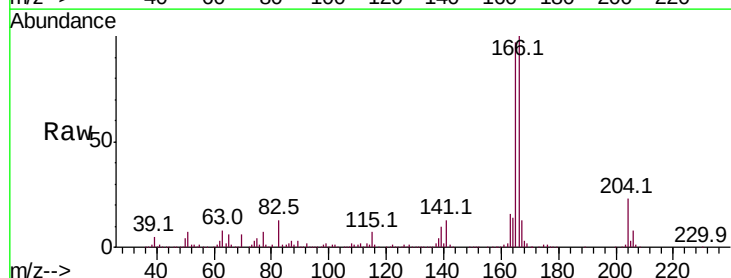


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

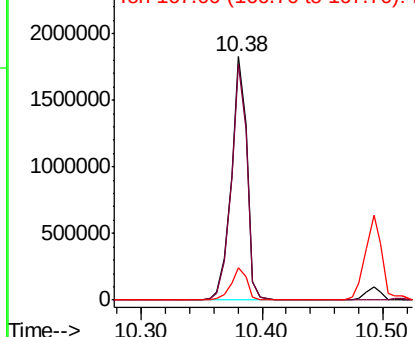
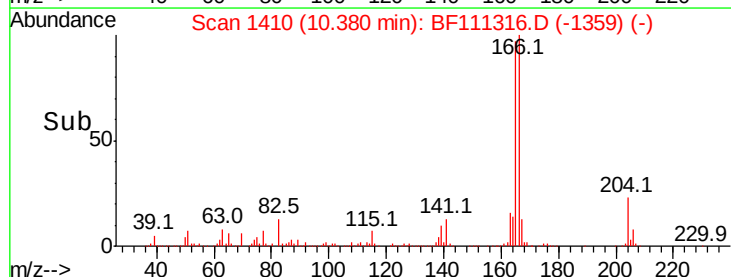


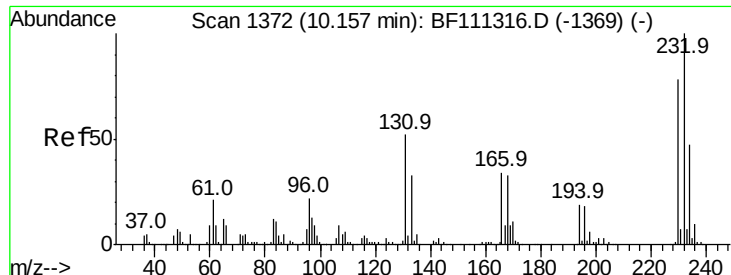
#58
 Fluorene
 Concen: 38.147 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.4	117.6
167	13.5	11.2	16.8



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

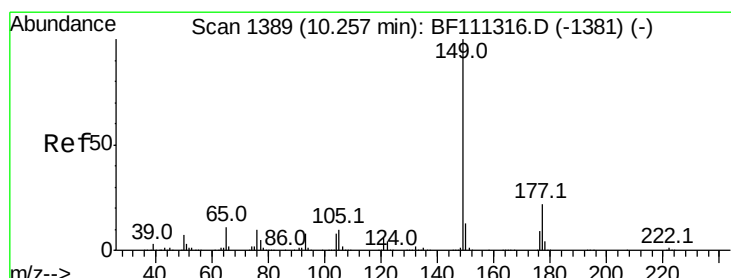
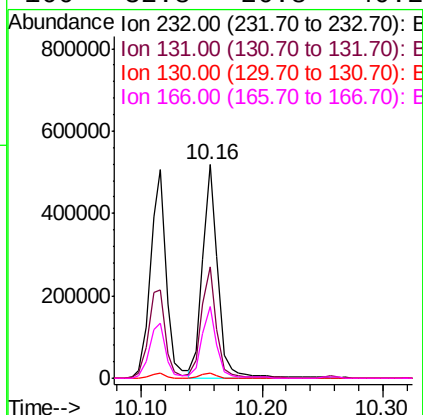
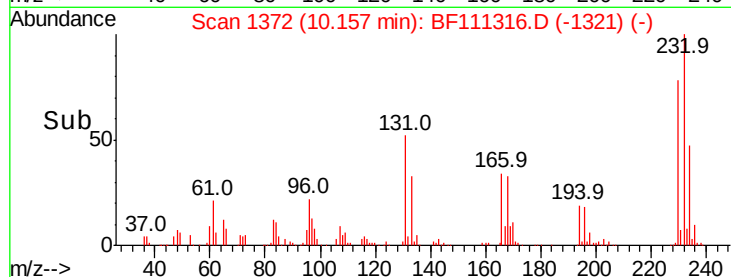
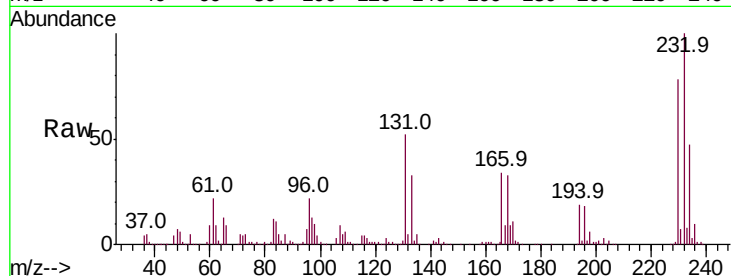




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.250 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

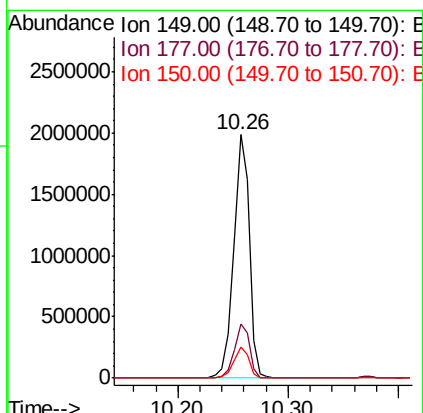
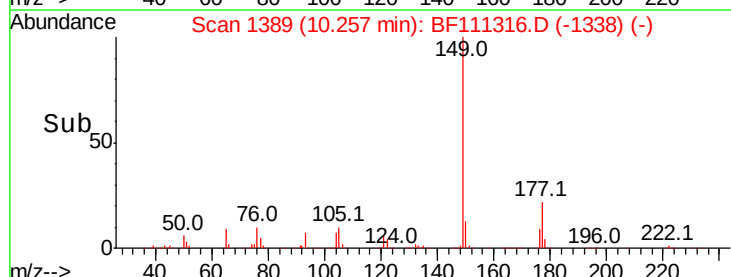
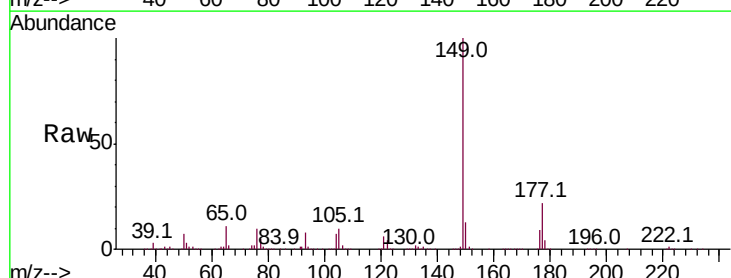
Instrument :
BNA_F
ClientSampleId :

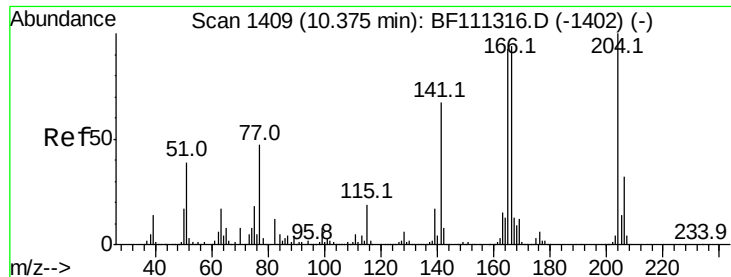
Tot Ion:232 Resp: 456563
Ion Ratio Lower Upper
232 100
131 51.4 40.9 61.3
130 2.4 2.0 3.0
166 32.8 26.8 40.2



#60
Diethylphthalate
Concen: 40.980 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:149 Resp: 1982688
Ion Ratio Lower Upper
149 100
177 22.0 18.3 27.5
150 12.8 10.6 15.8

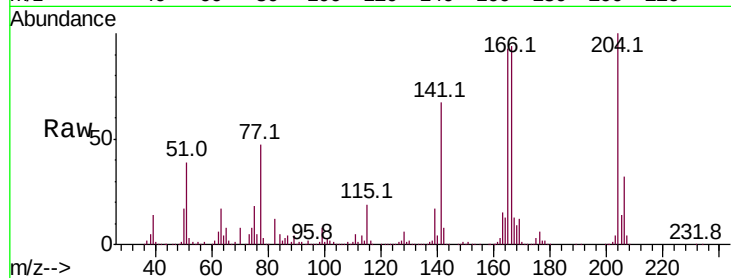




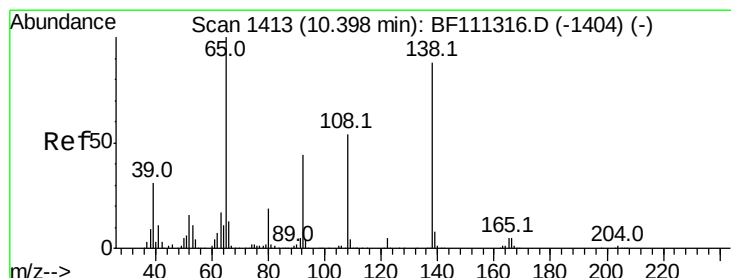
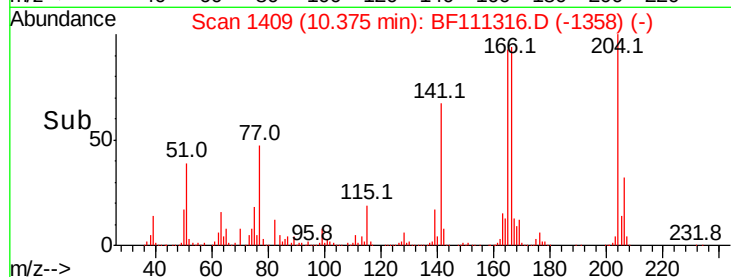
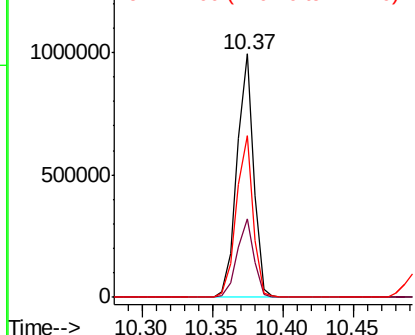
#61
4-Chlorophenyl-phenylether
Concen: 38.128 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 817117
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 66.7 52.6 78.8

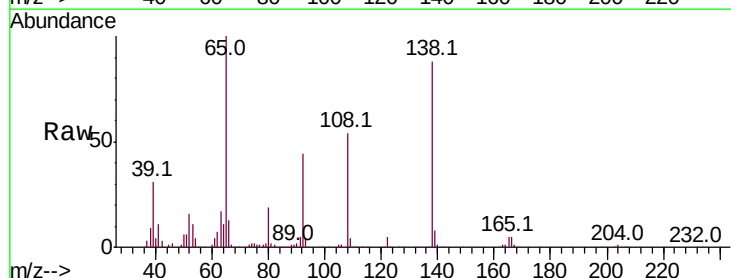


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

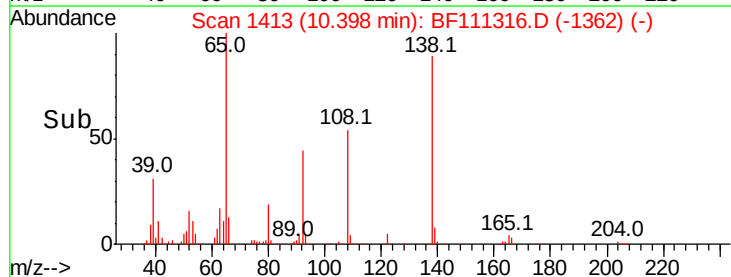
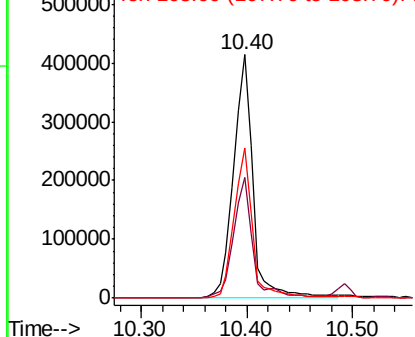


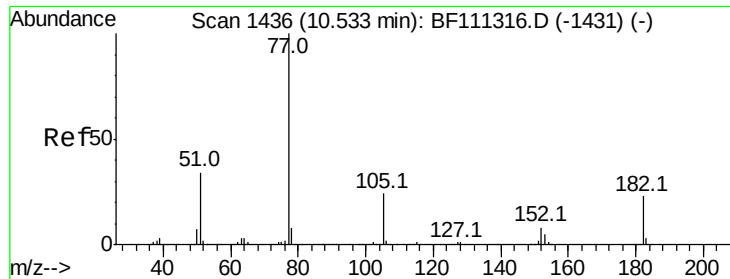
#62
4-Nitroaniline
Concen: 40.073 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:138 Resp: 524515
Ion Ratio Lower Upper
138 100
92 49.8 29.9 69.9
108 61.7 43.2 83.2



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

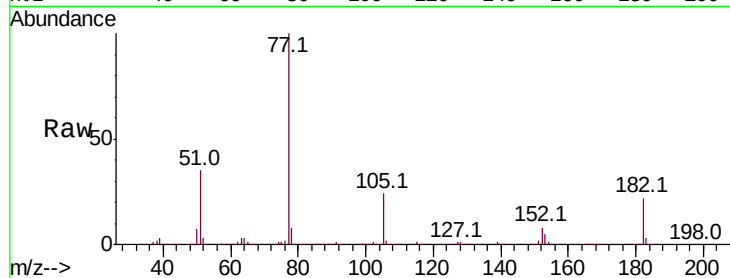




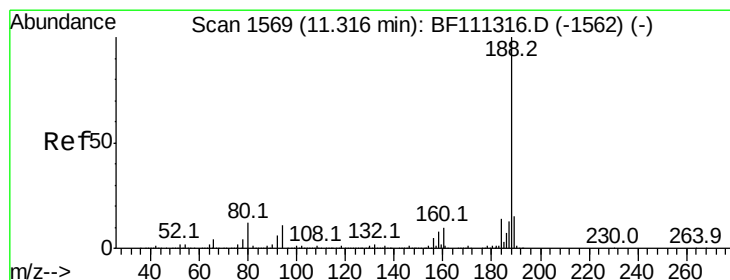
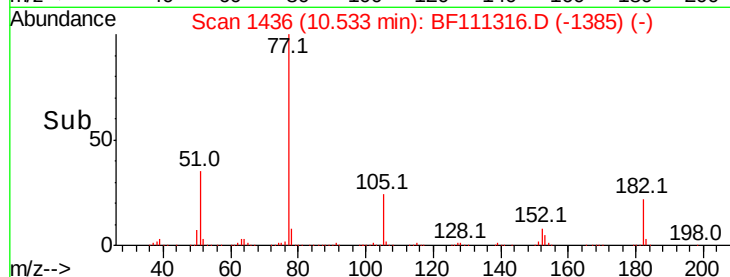
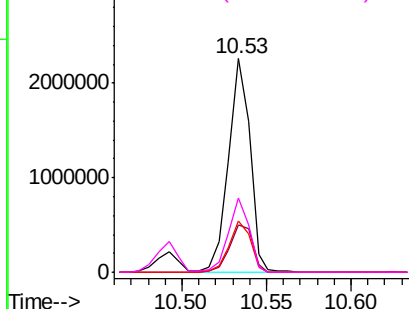
#63
Azobenzene
Concen: 39.575 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1987889
Ion Ratio Lower Upper
77 100
182 22.4 4.9 44.9
105 23.9 6.0 46.0
51 34.6 14.7 54.7

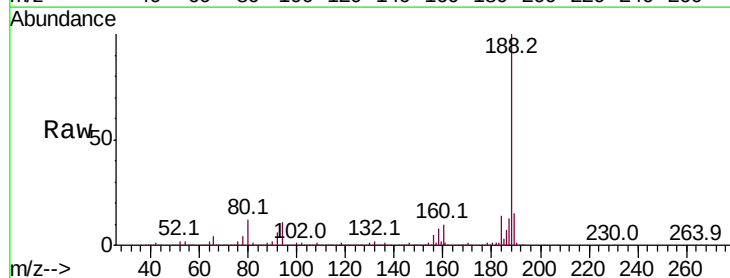


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

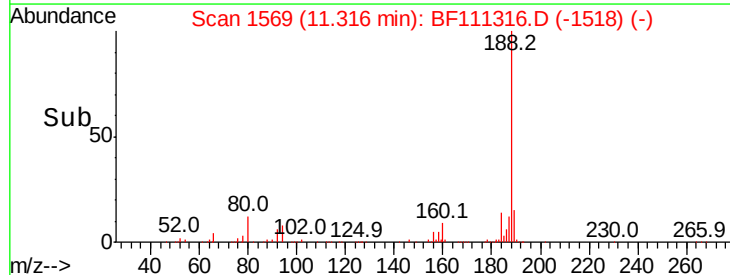
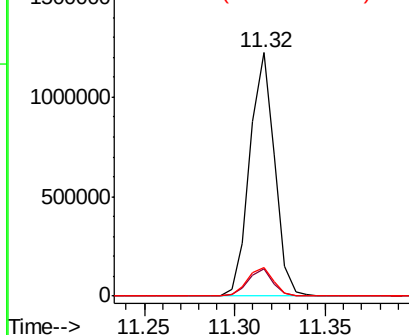


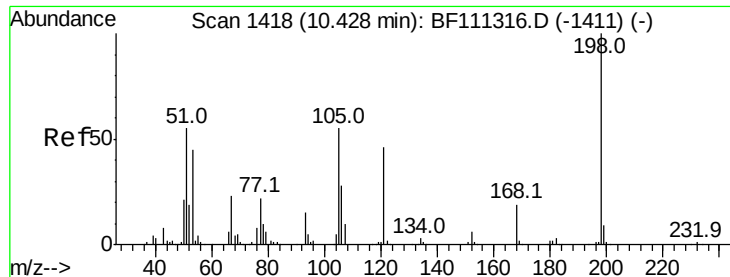
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion: 188 Resp: 1169315
Ion Ratio Lower Upper
188 100
94 11.4 9.6 14.4
80 12.0 9.8 14.6



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

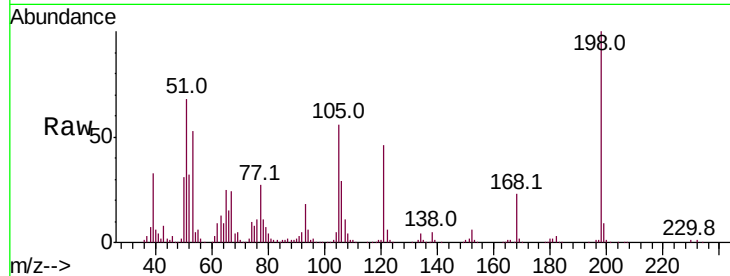




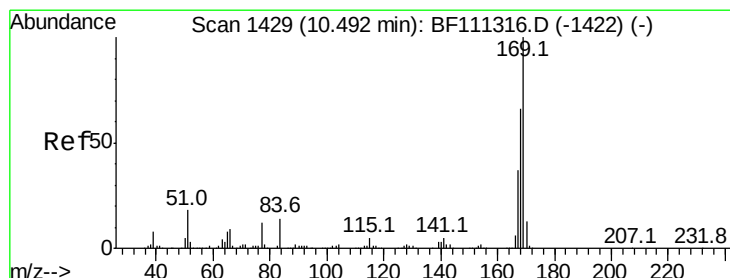
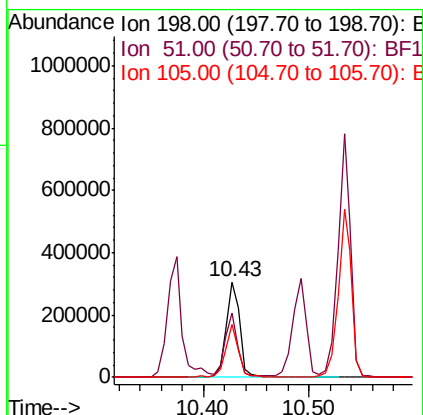
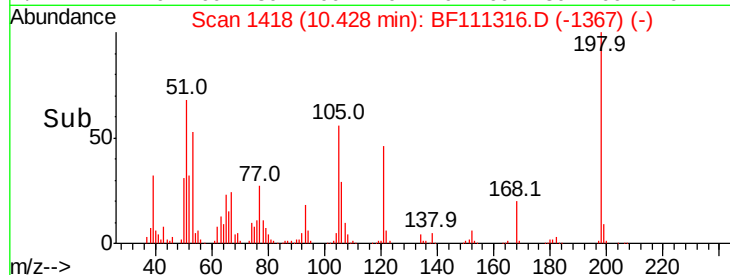
#65
4,6-Dinitro-2-methylphenol
Concen: 43.923 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 277121
Ion Ratio Lower Upper
198 100
51 67.5 48.0 88.0
105 55.7 34.0 74.0

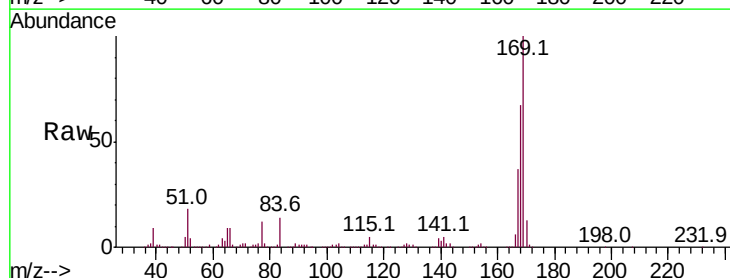


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

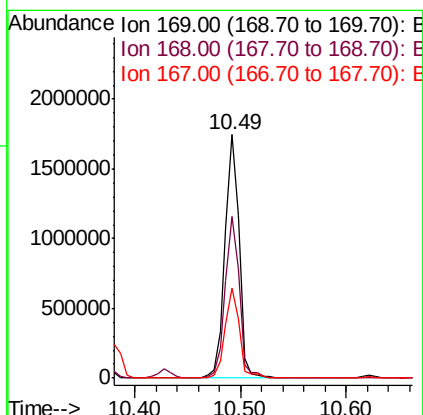
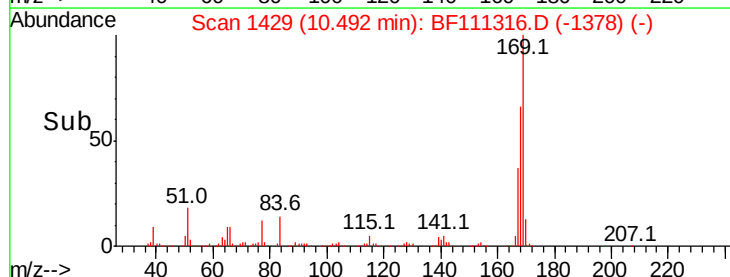


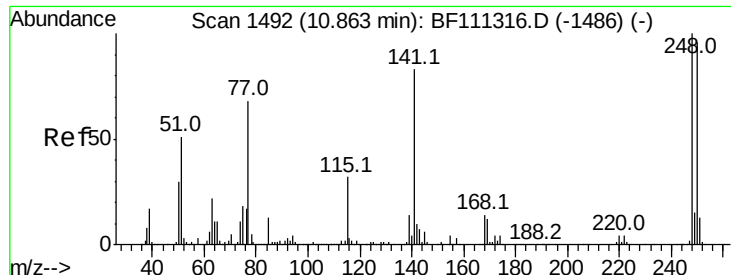
#66
n-Nitrosodiphenylamine
Concen: 41.212 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:169 Resp: 1640419
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 36.7 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

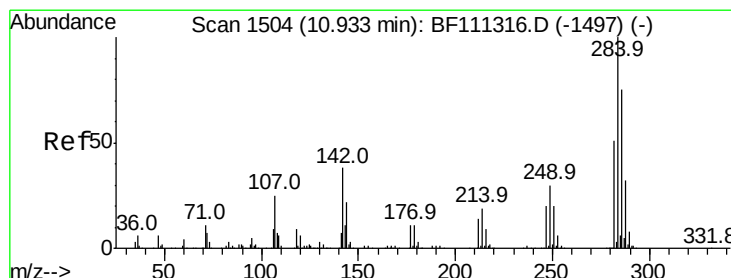
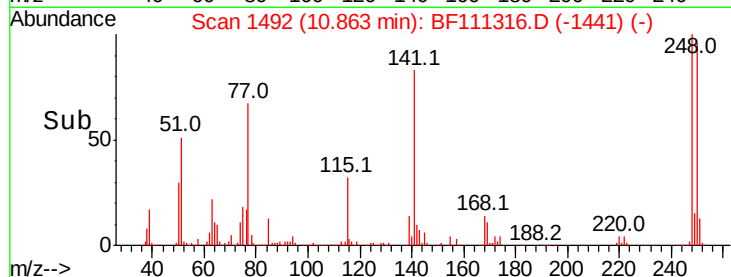
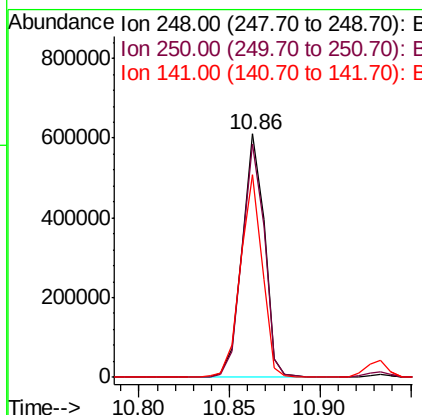
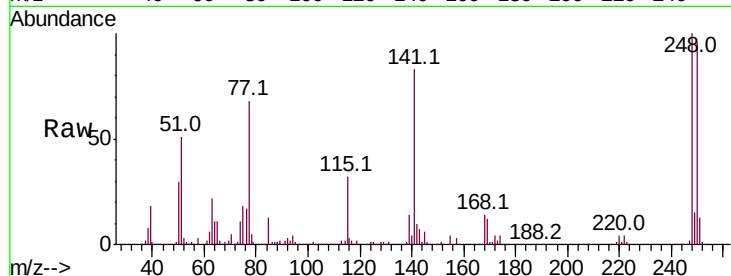




#67
4-Bromophenyl-phenylether
Concen: 40.815 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

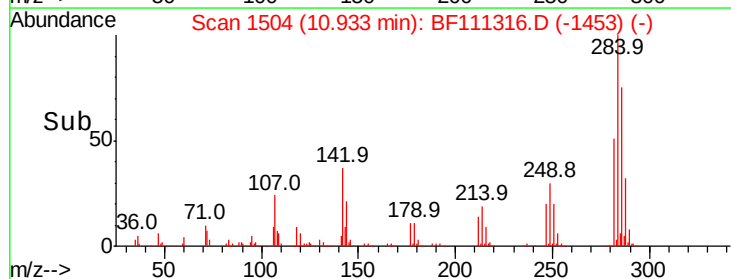
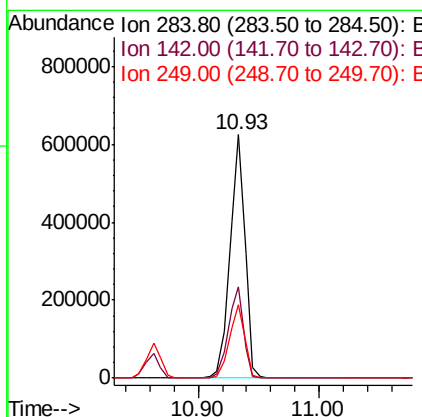
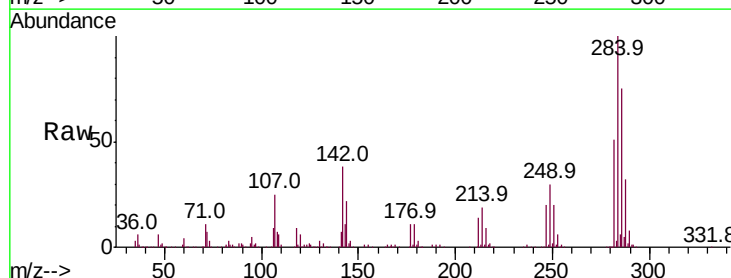
Instrument :
BNA_F
ClientSampleId :

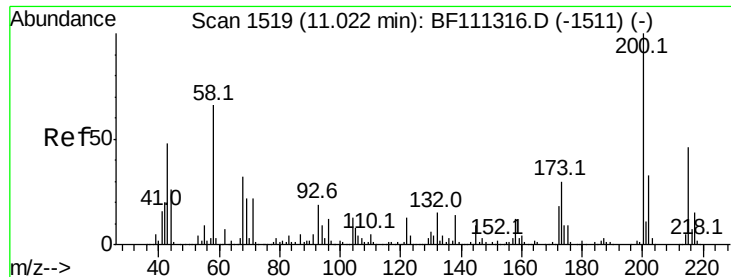
Tot Ion:248 Resp: 522732
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.4
141 83.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 41.461 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:284 Resp: 540168
Ion Ratio Lower Upper
284 100
142 37.6 27.4 41.2
249 30.4 24.4 36.6

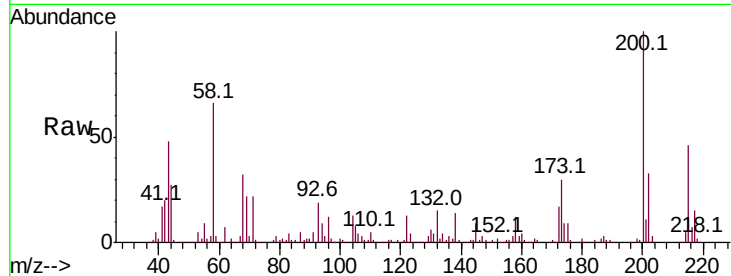




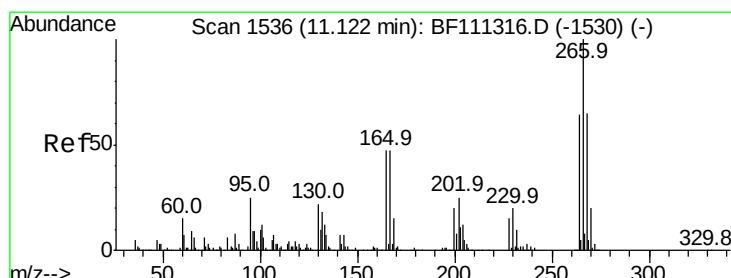
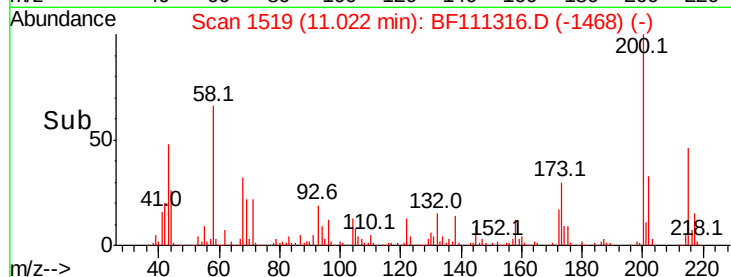
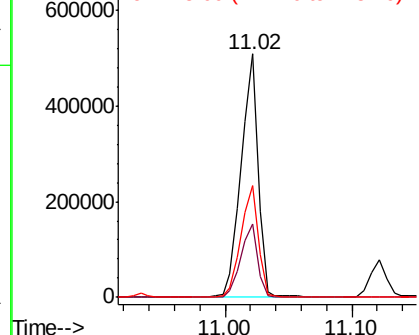
#69
Atrazine
Concen: 38.854 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	10.1	50.1
215	46.1	26.9	66.9

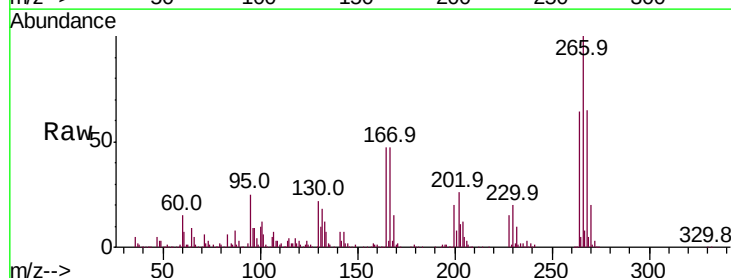


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

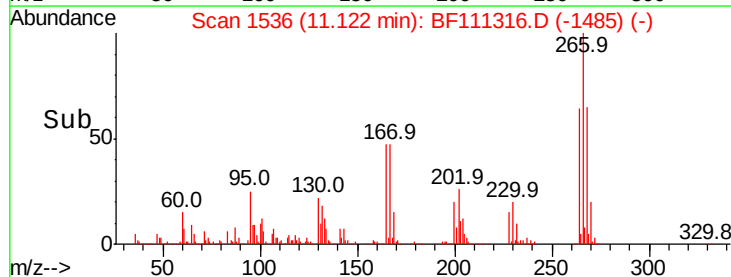
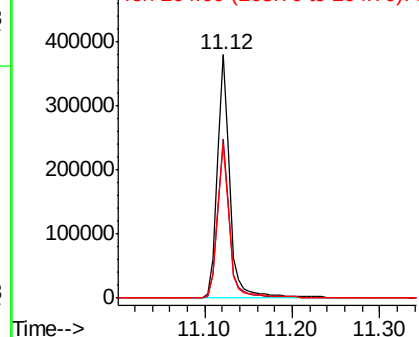


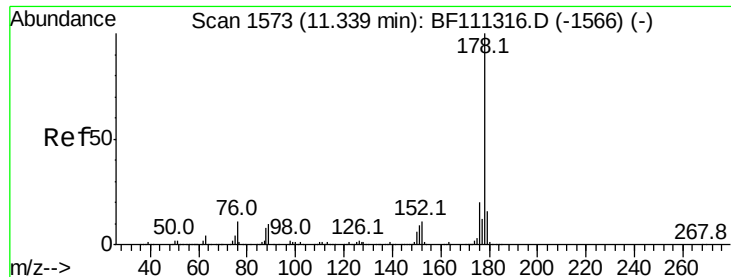
#70
Pentachlorophenol
Concen: 40.421 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	47.9	71.9
264	63.5	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: 39.695 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

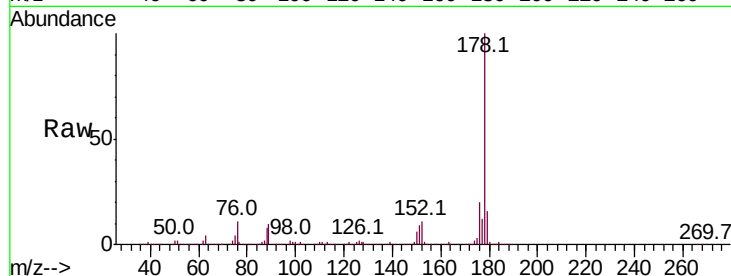
Tot Ion:178 Resp: 2341164

Ion Ratio Lower Upper

178 100

176 20.5 18.1 27.1

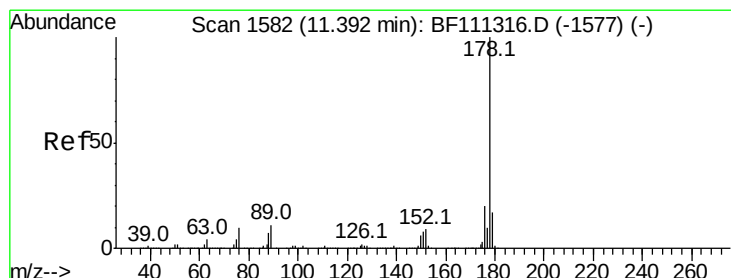
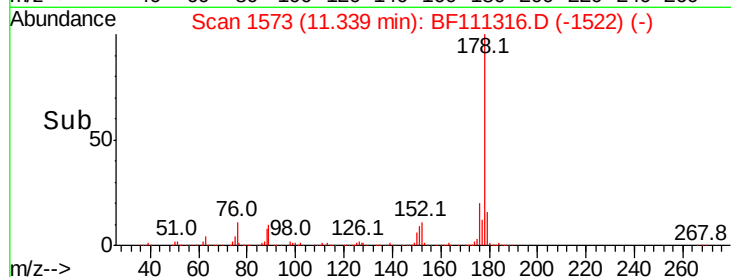
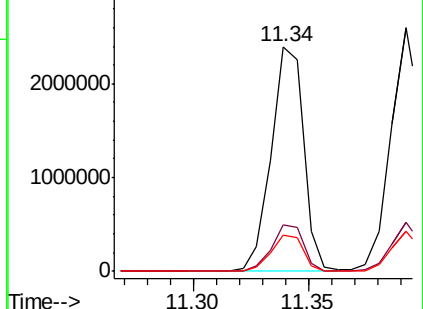
179 16.3 14.0 21.0



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: 38.817 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

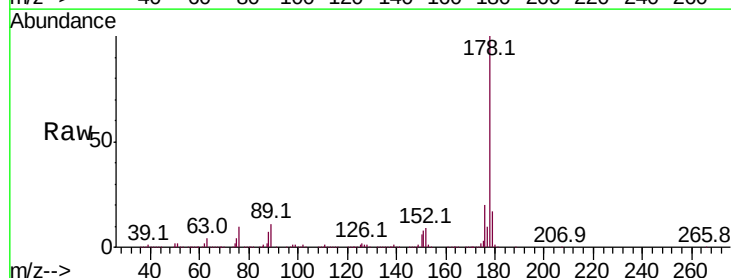
Tgt Ion:178 Resp: 2395177

Ion Ratio Lower Upper

178 100

176 20.0 17.2 25.8

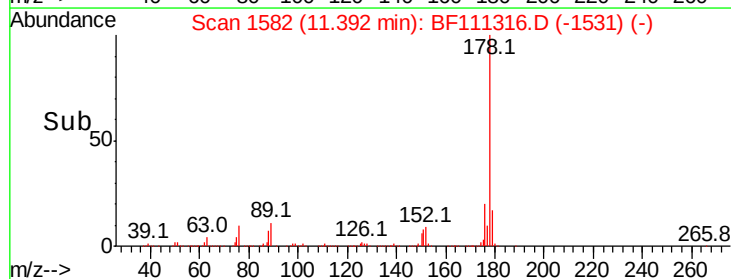
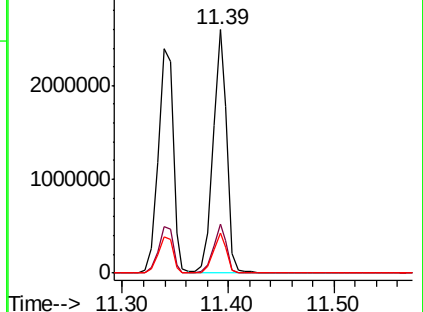
179 16.5 13.8 20.8

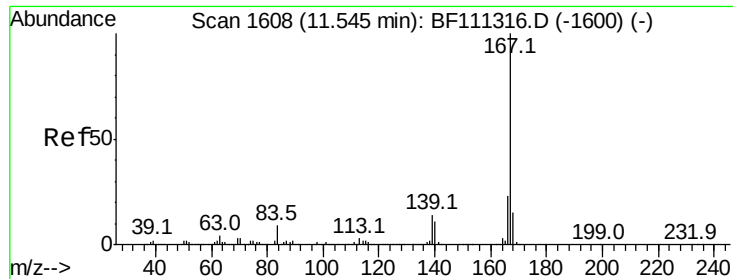


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



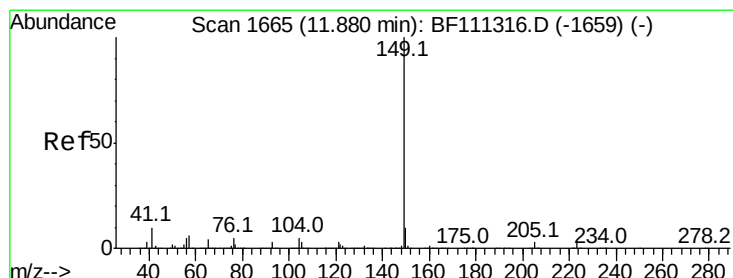
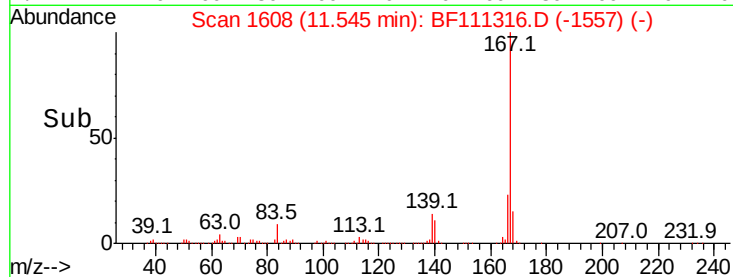
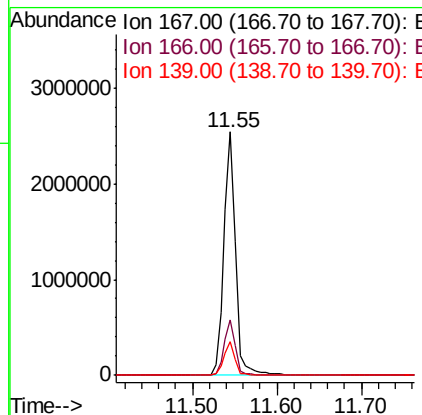
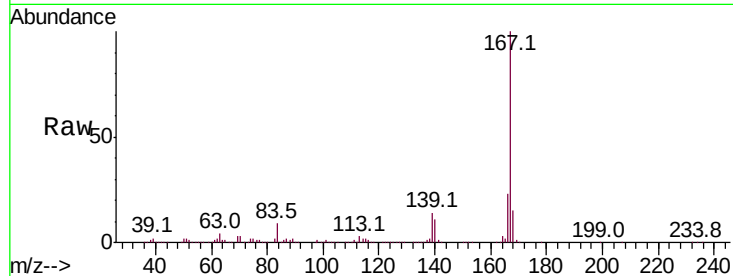


#73
 Carbazole
 Concen: 38.394 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2477177

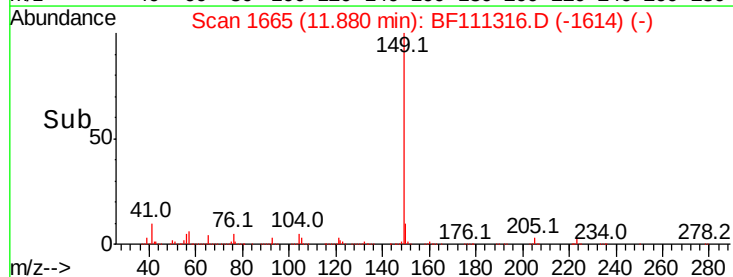
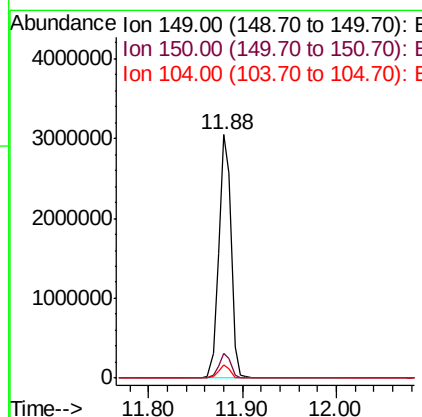
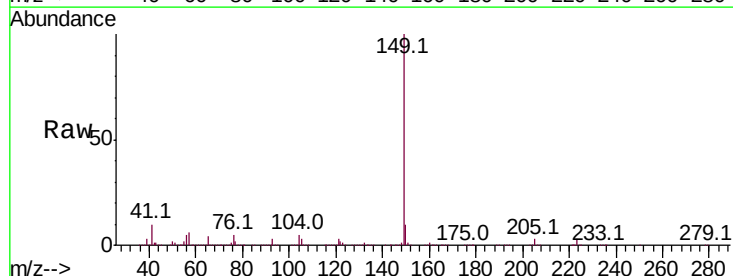
Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	14.0	11.9	17.9

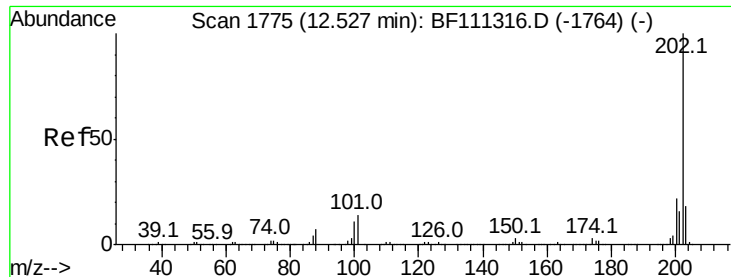


#74
 Di-n-butylphthalate
 Concen: 42.590 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion:149 Resp: 2824467

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.8	13.2
104	5.3	4.5	6.7



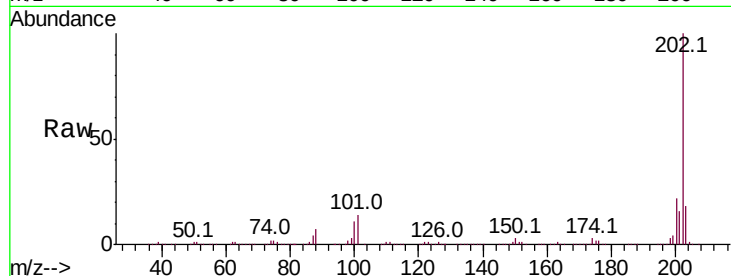


#75
 Fluoranthene
 Concen: 42.800 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

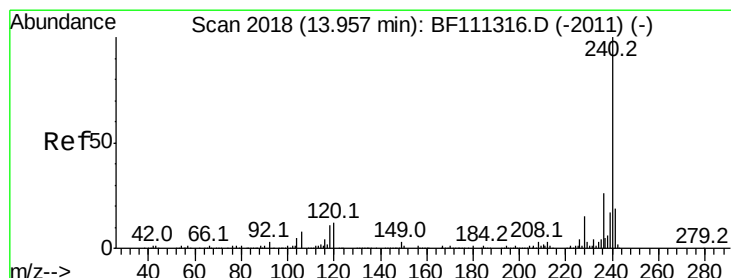
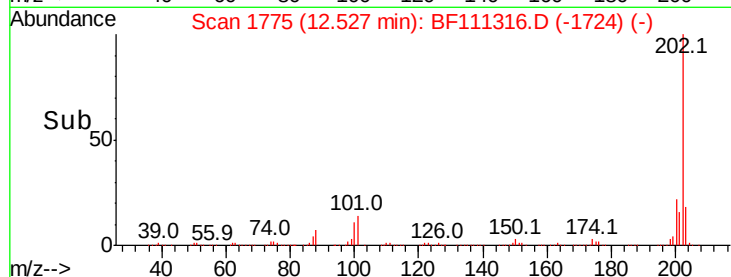
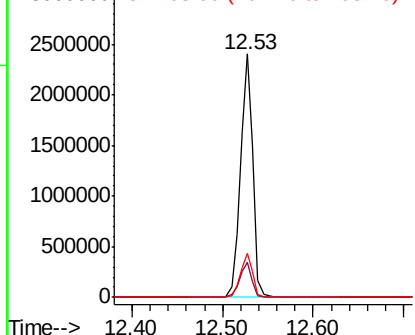
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2305939

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.8
203	18.2	0.0	38.6



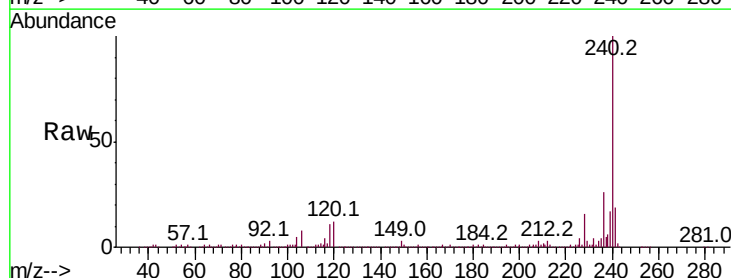
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



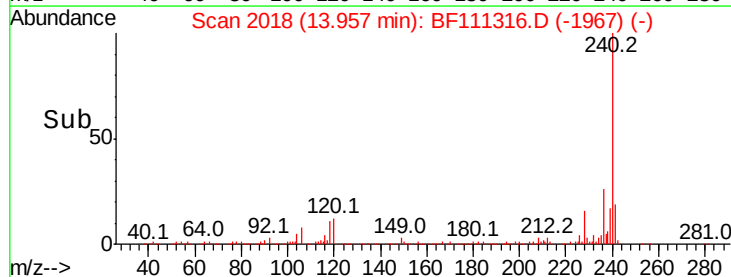
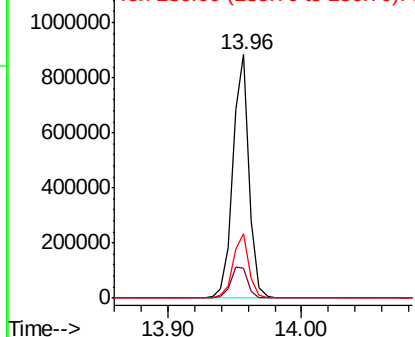
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

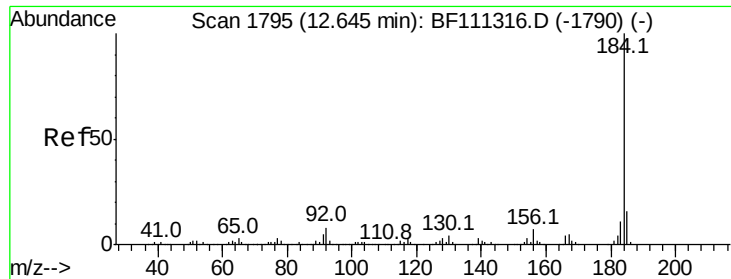
Tgt Ion:240 Resp: 749273

Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.2	18.2
236	26.4	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: 25.361 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

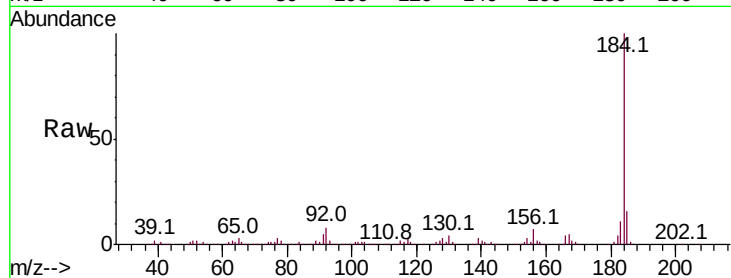
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 564216

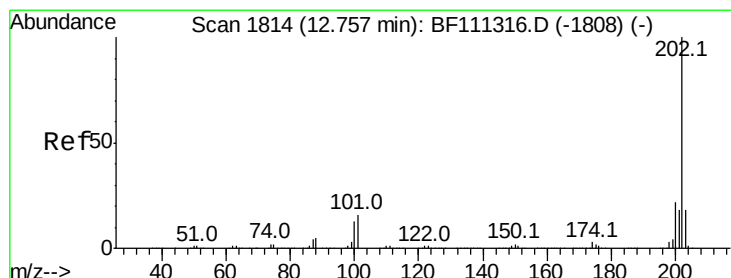
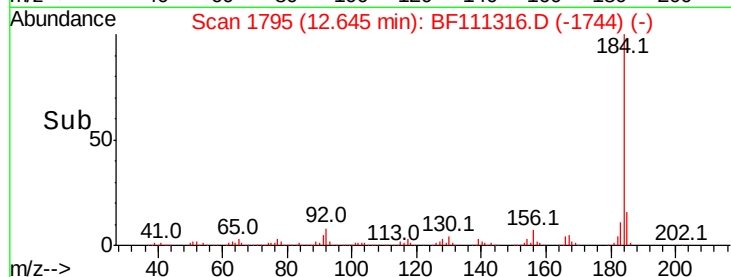
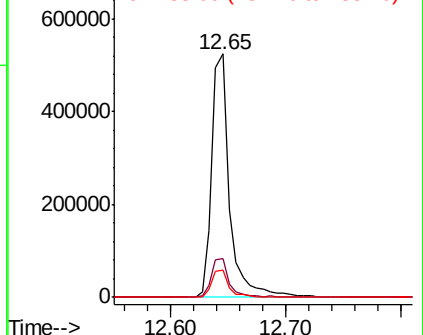
Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.0	19.6
183	11.0	9.3	13.9



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: 44.013 ng

RT: 12.76 min Scan# 1814

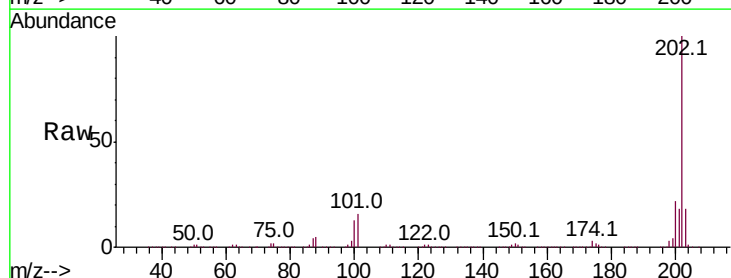
Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Tgt Ion:202 Resp: 2356624

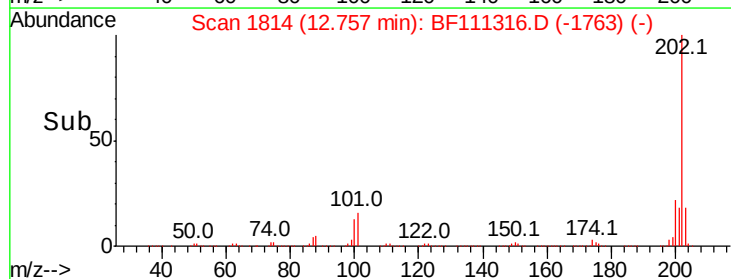
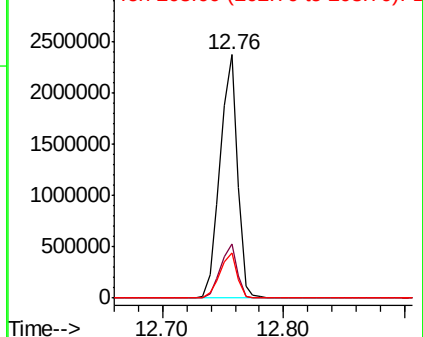
Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.0	28.4
203	18.4	15.2	22.8

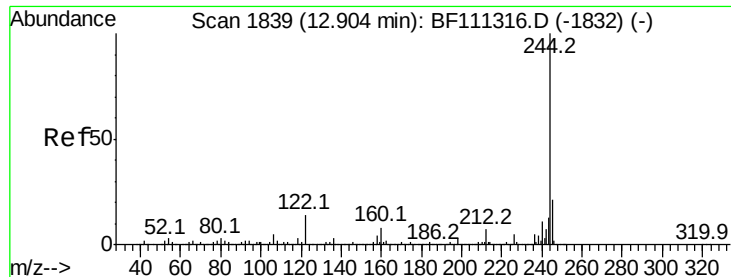


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.672 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

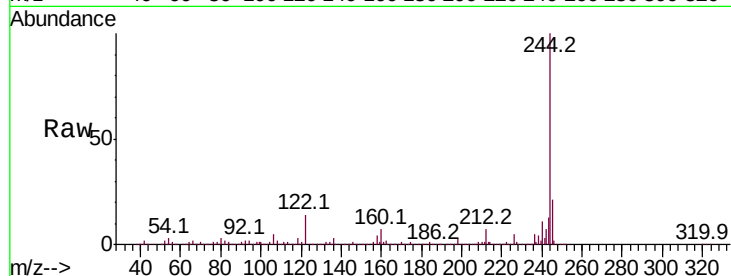
Tot Ion:244 Resp: 2676181

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

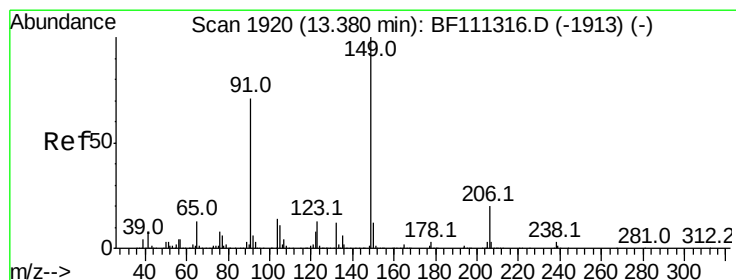
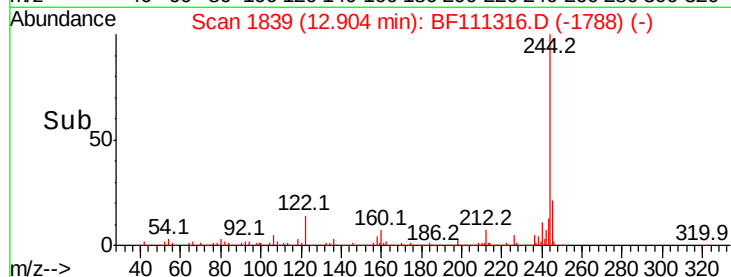
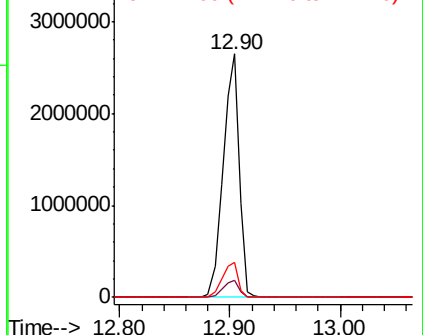
122 14.1 13.1 19.7



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: 40.694 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

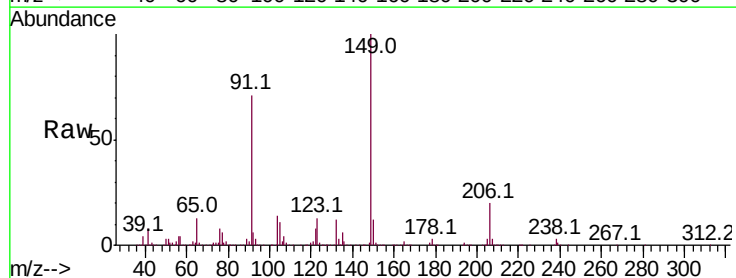
Tgt Ion:149 Resp: 1138093

Ion Ratio Lower Upper

149 100

91 70.6 63.8 95.6

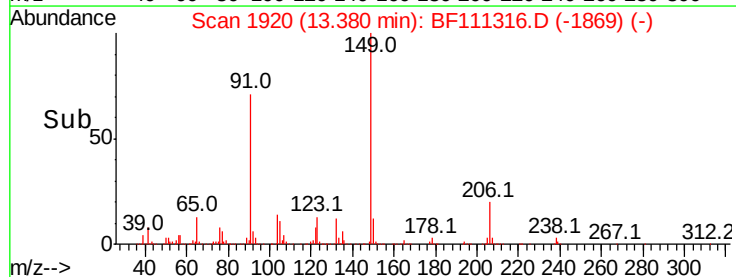
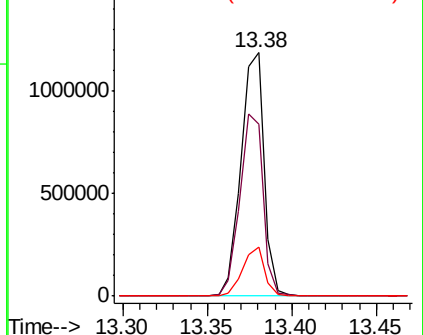
206 20.1 15.1 22.7

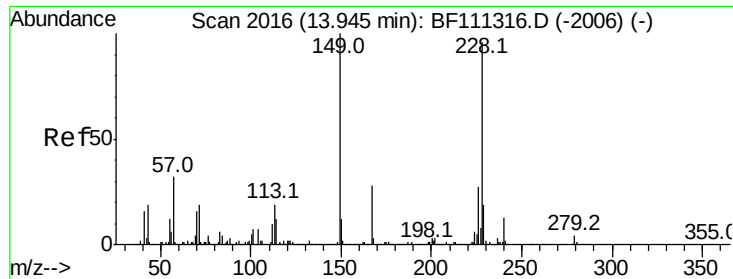


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.715 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampled :

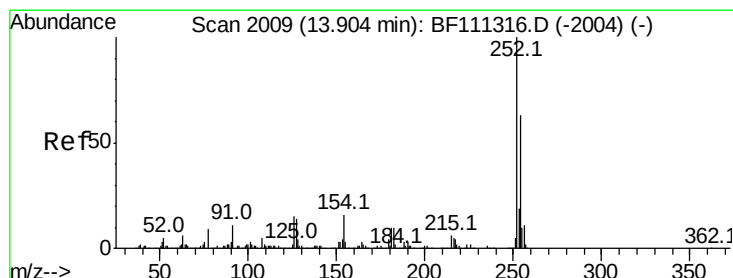
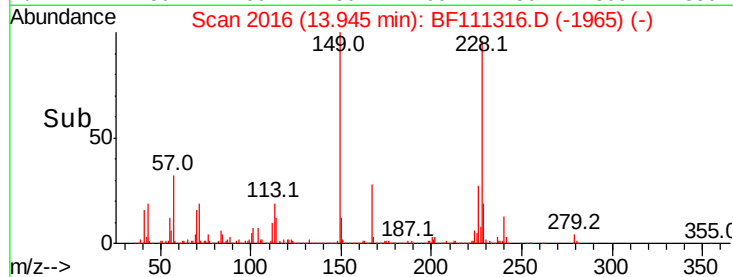
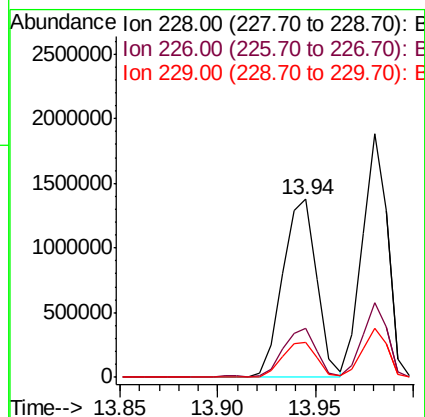
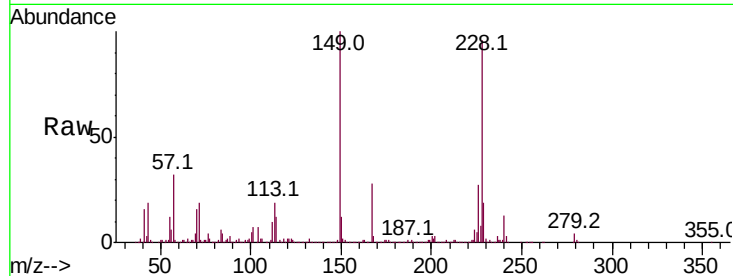
Tot Ion:228 Resp: 1660139

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 37.073 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

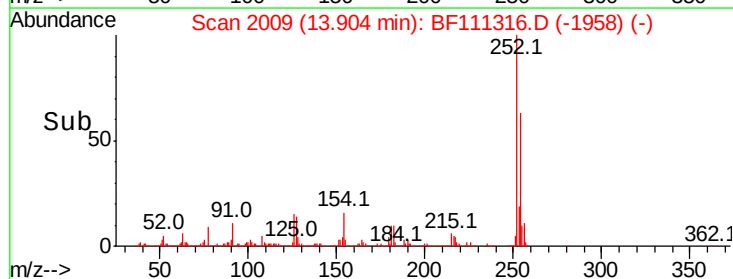
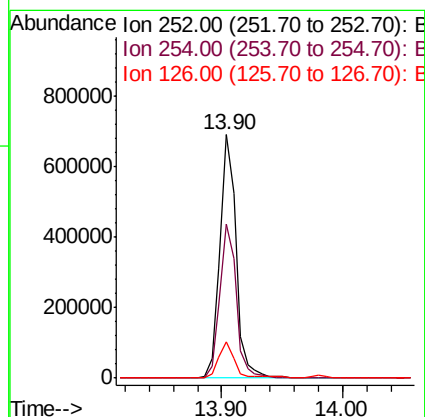
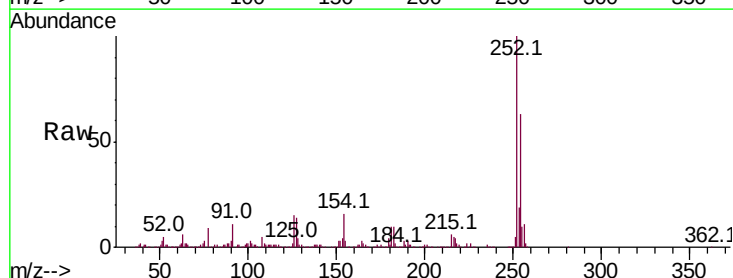
Tgt Ion:252 Resp: 635177

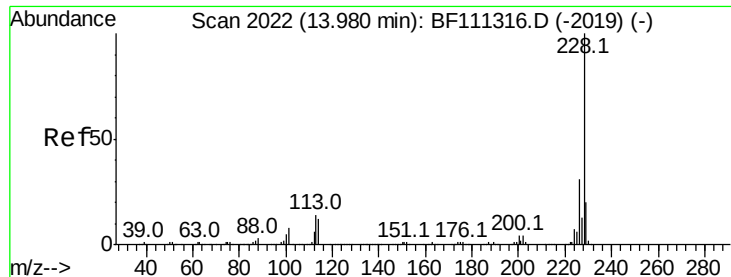
Ion Ratio Lower Upper

252 100

254 63.2 52.7 79.1

126 15.1 11.1 16.7



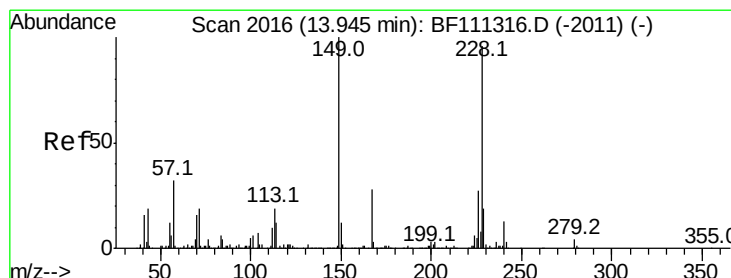
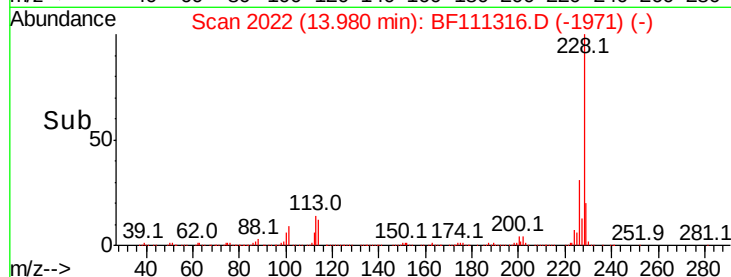
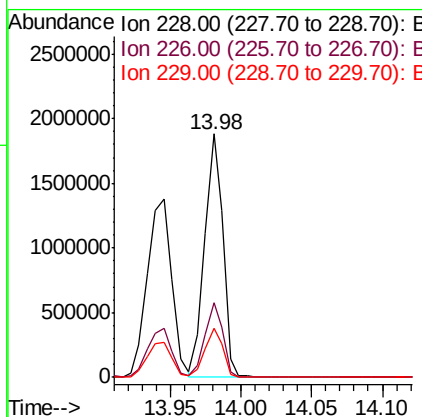
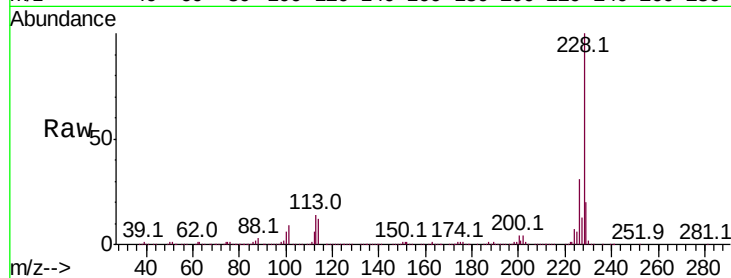


#83
 Chrysene
 Concen: 39.230 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1690590

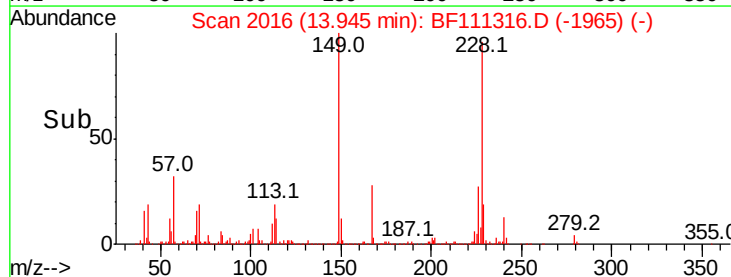
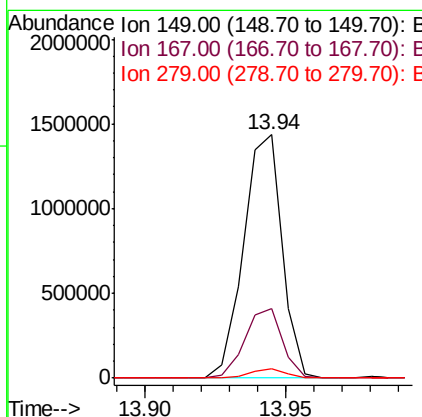
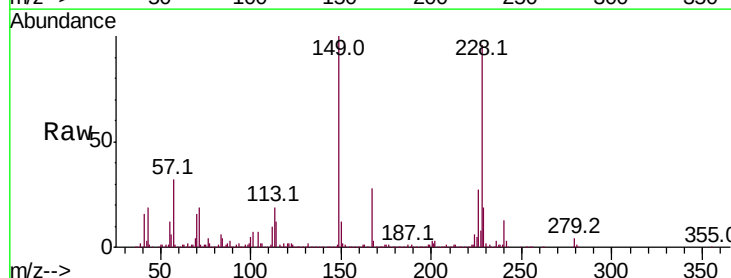
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.3	37.9
229	20.3	17.2	25.8

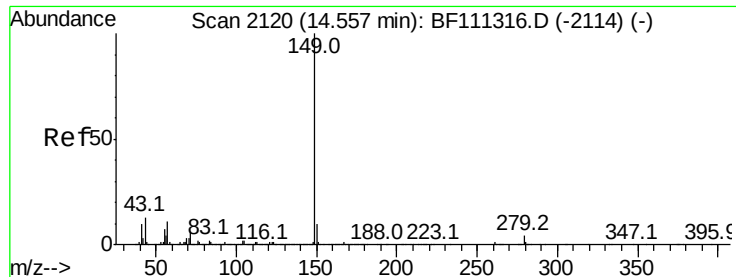


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.831 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF111316.D
 Acq: 12 Dec 2018 11:09

Tgt Ion:149 Resp: 1356887

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.5	33.7
279	3.8	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 39.795 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

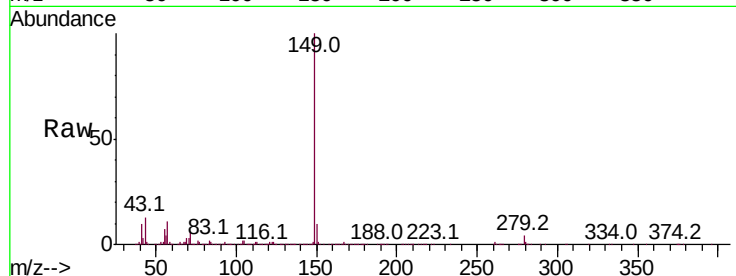
Tot Ion:149 Resp: 2216603

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

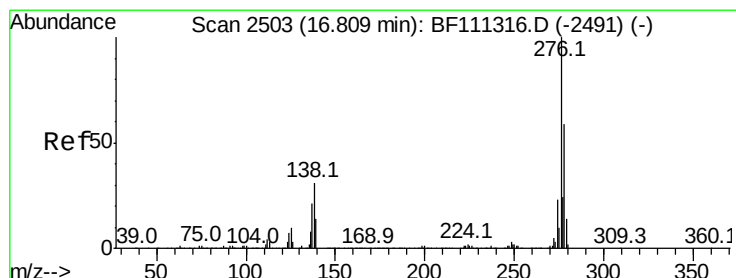
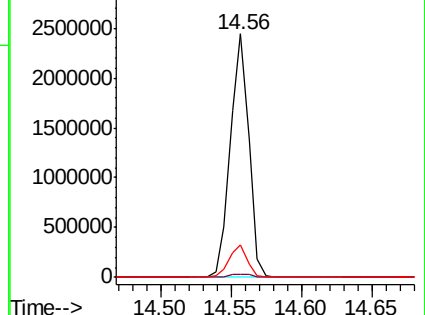
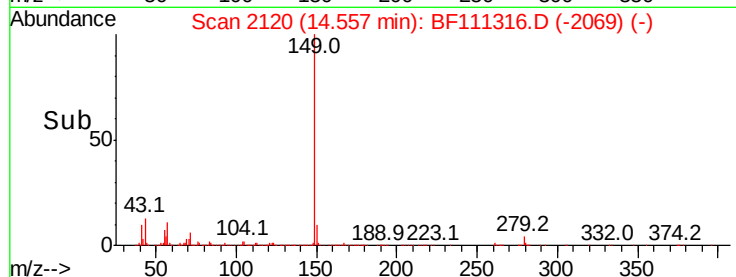
43 13.2 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.115 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

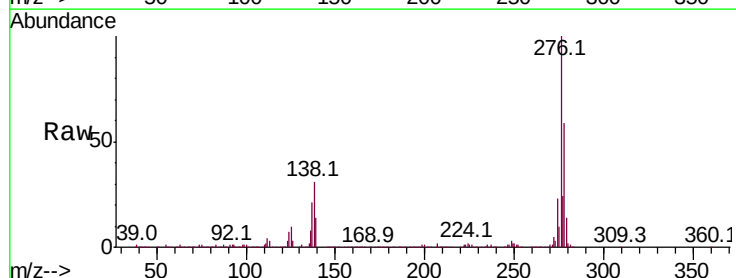
Tgt Ion:276 Resp: 1325886

Ion Ratio Lower Upper

276 100

138 32.4 27.8 41.6

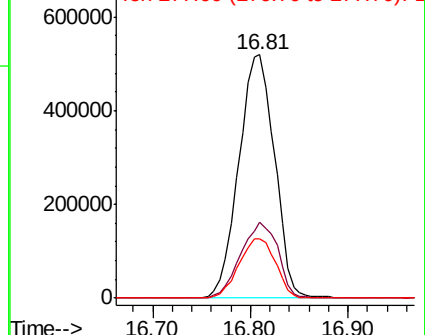
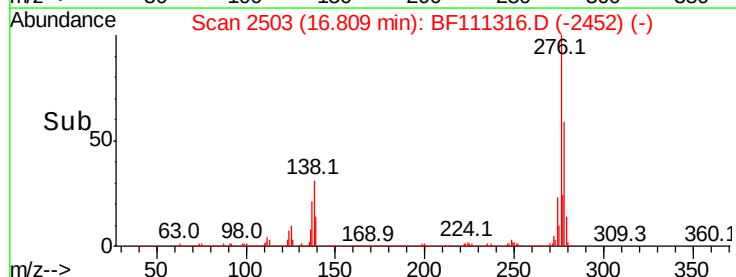
277 25.1 20.1 30.1

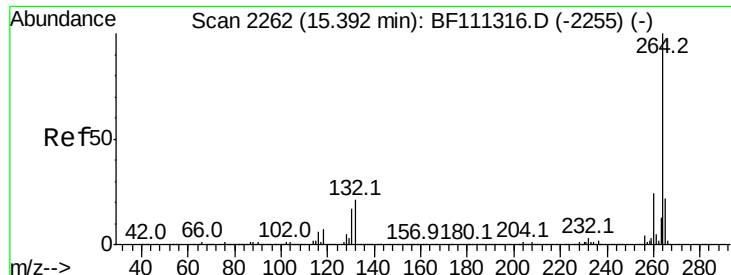


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

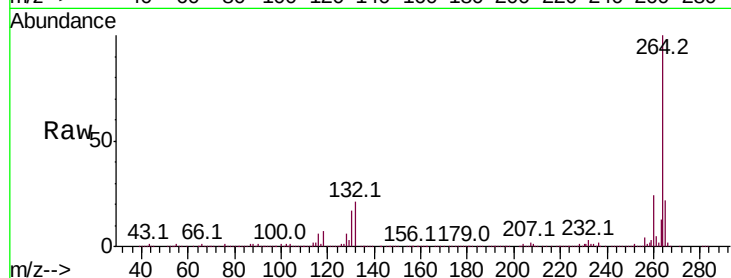
Tot Ion:264 Resp: 604489

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

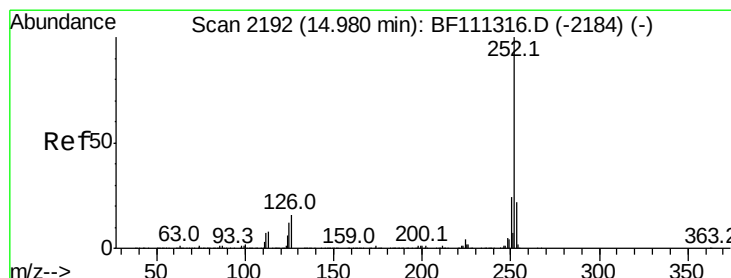
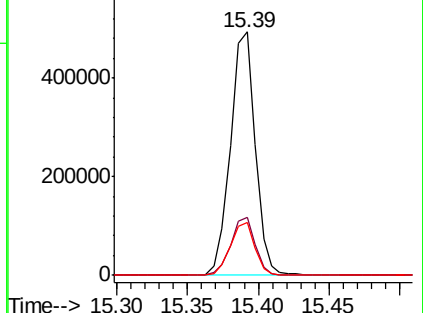
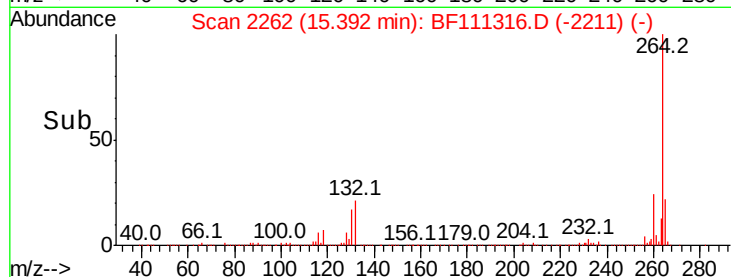
265 21.9 17.7 26.5



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: 41.772 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

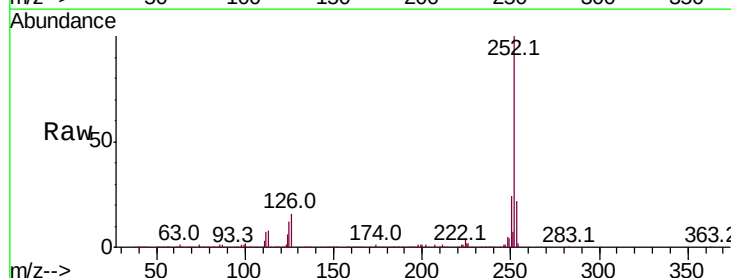
Tgt Ion:252 Resp: 1396434

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

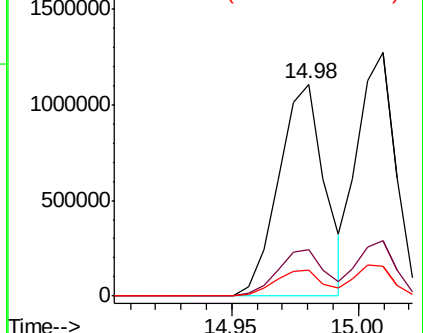
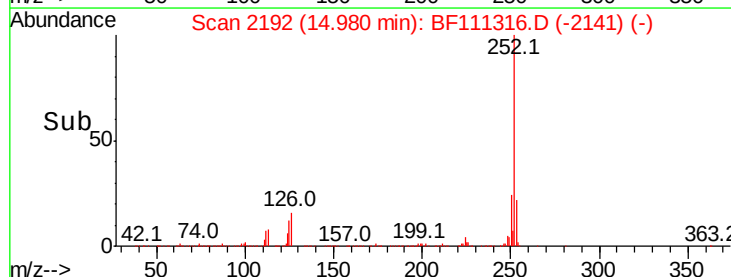
125 12.1 10.4 15.6

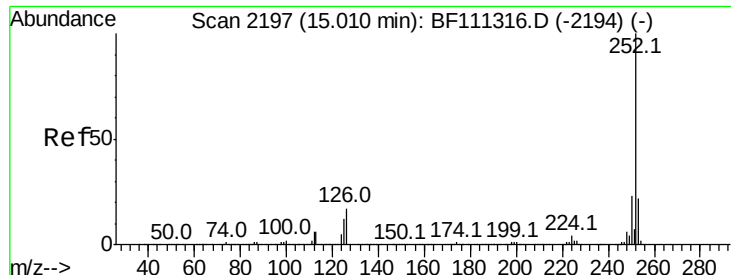


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

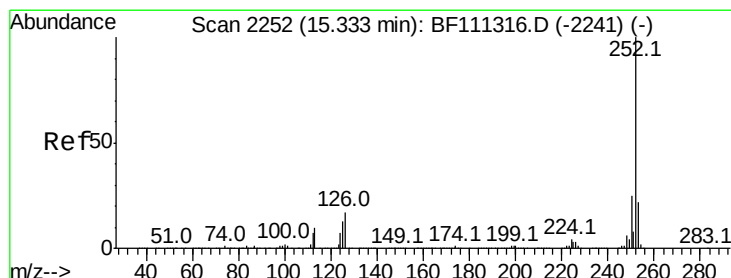
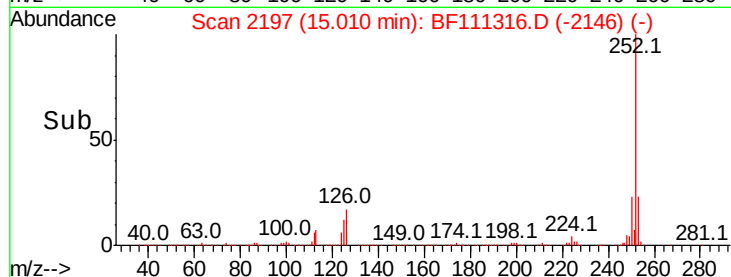
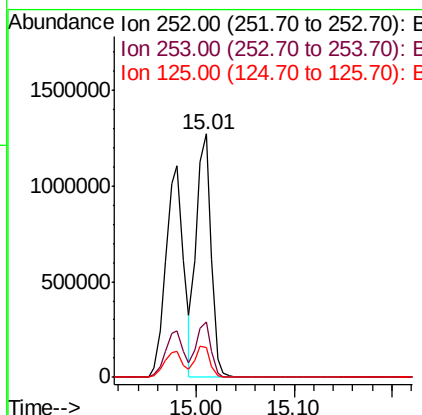
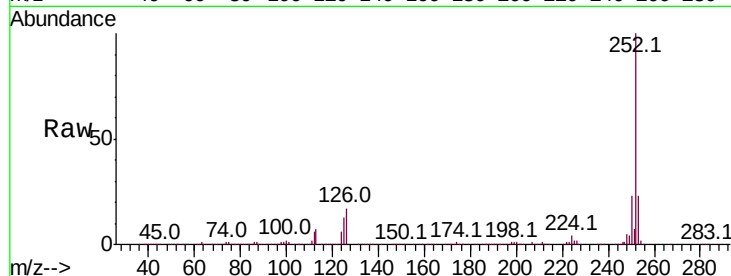




#89
Benzo(k)fluoranthene
Concen: 42.390 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

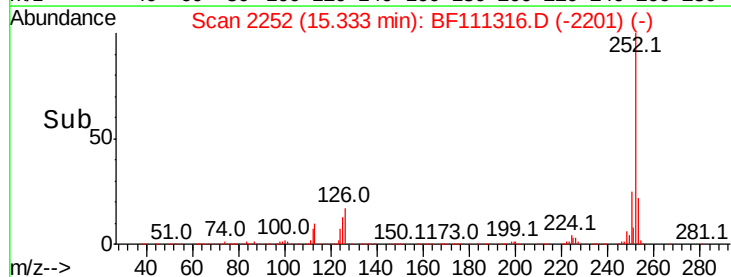
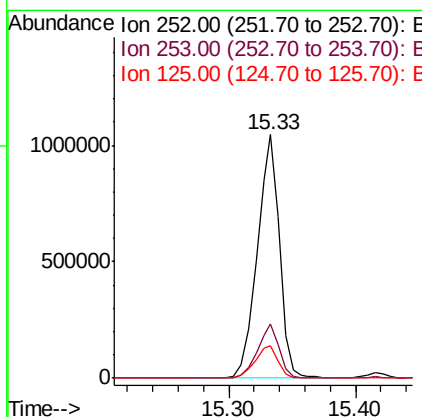
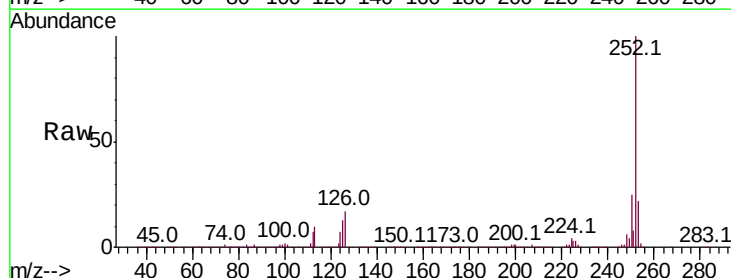
Instrument :
BNA_F
ClientSampleId :

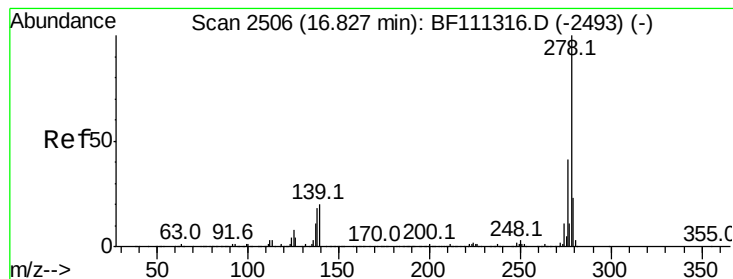
Tot Ion:252 Resp: 1332316
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 12.5 9.8 14.8



#90
Benzo(a)pyrene
Concen: 41.484 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF111316.D
Acq: 12 Dec 2018 11:09

Tgt Ion:252 Resp: 1277072
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 13.3 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 45.435 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

Instrument :

BNA_F

ClientSampleId :

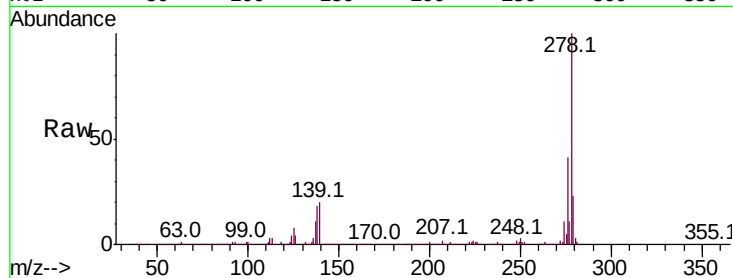
Tot Ion:278 Resp: 1098592

Ion	Ratio	Lower	Upper
278	100		
139	20.1	18.2	27.4
279	23.4	19.0	28.6

278 100

139 20.1 18.2 27.4

279 23.4 19.0 28.6

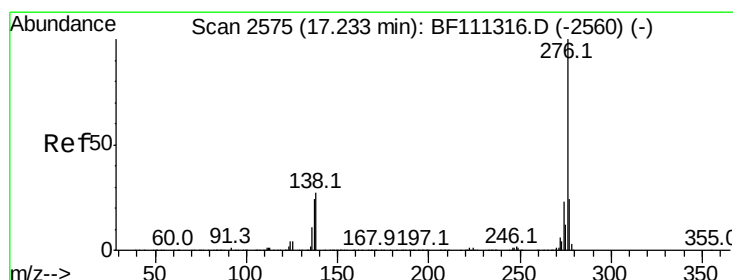
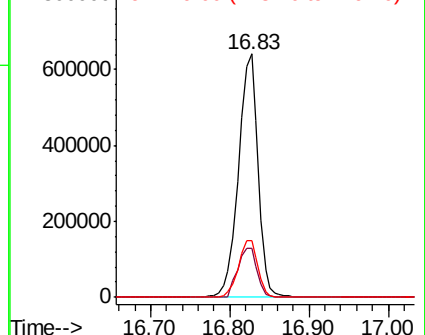
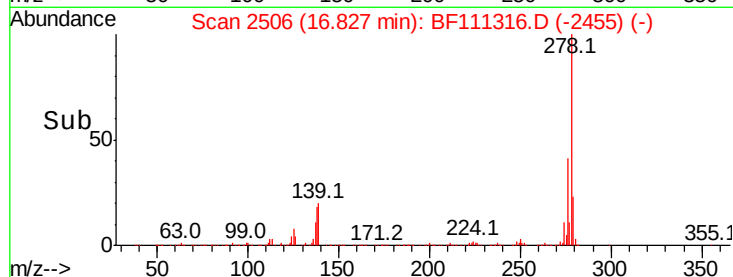


Abundance

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: 46.528 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF111316.D

Acq: 12 Dec 2018 11:09

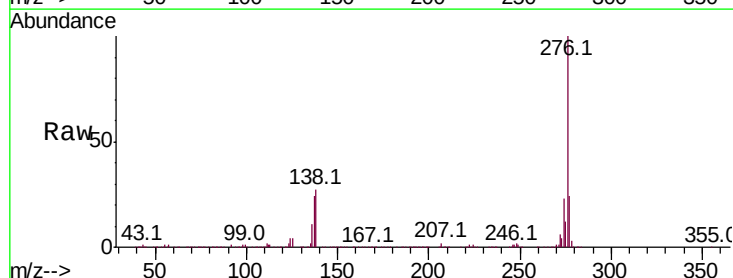
Tgt Ion:276 Resp: 1126199

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	27.4	24.9	37.3

276 100

277 24.1 19.2 28.8

138 27.4 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

