

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113207.D
 Acq On : 21 Mar 2019 14:36
 Operator : JU/SJ
 Sample : K1688-37MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Quant Time: Mar 22 00:42:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144990	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	572856	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	228466	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	442060	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	346272	20.00	ng	0.00
87) Perylene-d12	15.27	264	311656	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	82913	8.90	ng	-0.01
7) Phenol-d6	6.36	99	116901	9.98	ng	-0.01
23) Nitrobenzene-d5	7.28	82	65862	6.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	32535	13.41	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	135758	6.63	ng	-0.02
79) Terphenyl-d14	12.81	244	133446	7.47	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	12878	2.756	ng	88
4) n-Nitrosodimethylamine	3.00	42	13084	2.393	ng	# 97
8) 2-Chlorophenol	6.51	128	32294	3.112	ng	89
10) Phenol	6.37	94	40648	2.975	ng	97
11) bis(2-Chloroethyl)ether	6.45	93	31527	3.006	ng	95
12) 1,3-Dichlorobenzene	6.74	146	40212	3.752	ng	95
13) 1,4-Dichlorobenzene	6.74	146	40212	3.741	ng	95
14) 1,2-Dichlorobenzene	6.89	146	38558	3.913	ng	95
15) Benzyl Alcohol	6.87	79	27094	3.035	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	53544	3.059	ng	83
17) 2-Methylphenol	6.99	107	27771	3.299	ng	96
18) Hexachloroethane	7.23	117	11334	2.753	ng	# 89
19) n-Nitroso-di-n-propylamine	7.13	70	22964	3.097	ng	97
20) 3+4-Methylphenols	7.15	107	31623	3.328	ng	# 67
22) Acetophenone	7.13	105	45448	3.393	ng	# 87
24) Nitrobenzene	7.30	77	31853	2.989	ng	98
25) Isophorone	7.54	82	64759	3.140	ng	96
26) 2-Nitrophenol	7.62	139	13005	2.932	ng	94
27) 2,4-Dimethylphenol	7.67	122	25997	3.150	ng	94
28) bis(2-Chloroethoxy)methane	7.75	93	36624	2.840	ng	99
29) 2,4-Dichlorophenol	7.88	162	25937	3.241	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	30608	3.560	ng	98
31) Naphthalene	8.02	128	110256	3.877	ng	98
32) Benzoic acid	7.67	122	25997	4.495	ng	# 10
34) Hexachlorobutadiene	8.15	225	19698	4.062	ng	96
35) Caprolactam	8.40	113	8181	2.903	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	29204	3.298	ng	98
37) 2-Methylnaphthalene	8.72	142	62377	3.396	ng	98
38) 1-Methylnaphthalene	8.82	142	59480	3.343	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	28136	4.223	ng	# 97
43) 2,4,6-Trichlorophenol	9.00	196	17581	3.834	ng	95
44) 2,4,5-Trichlorophenol	9.05	196	19290	3.892	ng	93
46) 1,1'-Biphenyl	9.18	154	77105	4.138	ng	96
47) 2-Chloronaphthalene	9.20	162	55664	3.825	ng	98

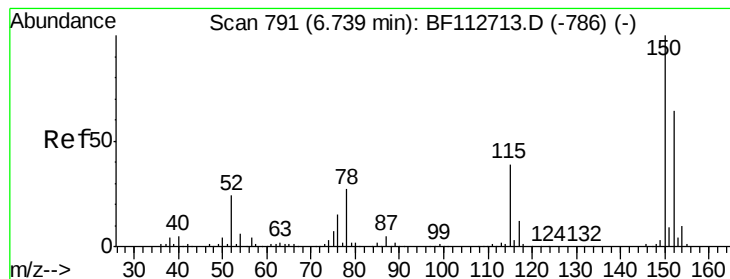
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113207.D
 Acq On : 21 Mar 2019 14:36
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.30	65	16964	3.836	ng	94
49) Acenaphthylene	9.62	152	92594	3.748	ng	96
50) Dimethylphthalate	9.47	163	78159	4.640	ng	99
51) 2,6-Dinitrotoluene	9.53	165	13267	3.782	ng	84
52) Acenaphthene	9.79	154	52041	3.603	ng	97
53) 3-Nitroaniline	9.71	138	11092	2.595	ng	# 96
55) Dibenzofuran	9.96	168	84771	4.038	ng	96
56) 4-Nitrophenol	9.89	139	15177	4.369	ng	96
57) 2,4-Dinitrotoluene	9.95	165	16541	3.793	ng	# 87
58) Fluorene	10.30	166	63981	4.294	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	15767	3.819	ng	# 97
60) Diethylphthalate	10.17	149	69039	3.880	ng	100
61) 4-Chlorophenyl-phenylether	10.29	204	33323	4.806	ng	93
62) 4-Nitroaniline	10.31	138	14503	3.672	ng	97
63) Azobenzene	10.45	77	60909	3.342	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	593	4.908	ng	89
66) n-Nitrosodiphenylamine	10.41	169	58577	4.132	ng	98
67) 4-Bromophenyl-phenylether	10.78	248	19420	4.171	ng	92
68) Hexachlorobenzene	10.85	284	22016	4.195	ng	# 88
69) Atrazine	10.93	200	18456	4.251	ng	98
70) Pentachlorophenol	11.05	266	13656	4.420	ng	98
71) Phenanthrene	11.26	178	91262	4.149	ng	97
72) Anthracene	11.31	178	92194	4.004	ng	97
73) Carbazole	11.47	167	84287	3.753	ng	97
74) Di-n-butylphthalate	11.80	149	114169	4.239	ng	97
75) Fluoranthene	12.45	202	96340	4.088	ng	95
78) Pyrene	12.67	202	96157	3.294	ng	97
80) Butylbenzylphthalate	13.29	149	42283	3.281	ng	93
81) Benzo(a)anthracene	13.85	228	82010	3.417	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	19675	2.168	ng	99
83) Chrysene	13.89	228	77881	3.313	ng	97
84) Bis(2-ethylhexyl)phthalate	13.85	149	61846	4.092	ng	99
85) Di-n-octyl phthalate	14.46	149	101411	3.908	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.64	276	64130	3.200	ng	94
88) Benzo(b)fluoranthene	14.87	252	72914	3.617	ng	98
89) Benzo(k)fluoranthene	14.90	252	71100	3.894	ng	97
90) Benzo(a)pyrene	15.22	252	65607	3.679	ng	99
91) Dibenzo(a,h)anthracene	16.65	278	54759	3.599	ng	99
92) Benzo(g,h,i)perylene	17.05	276	52930	3.464	ng	93

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

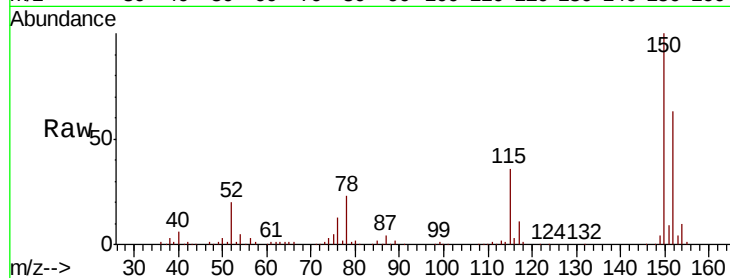


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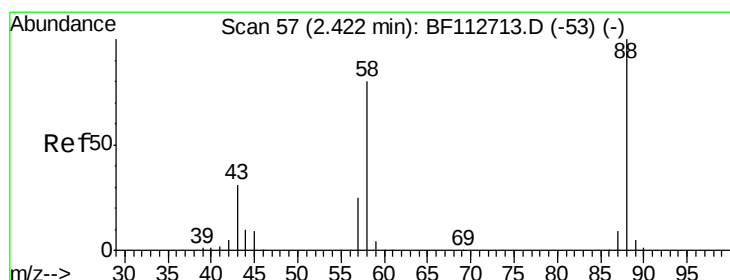
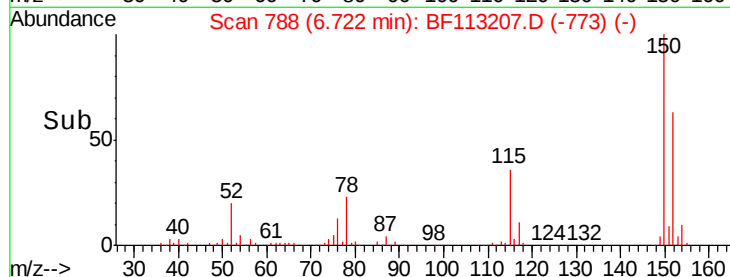
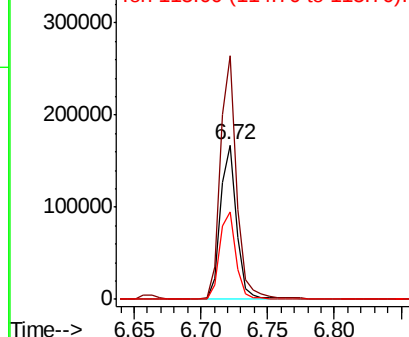
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 152 Resp: 144990
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.2
115 56.9 48.2 72.4



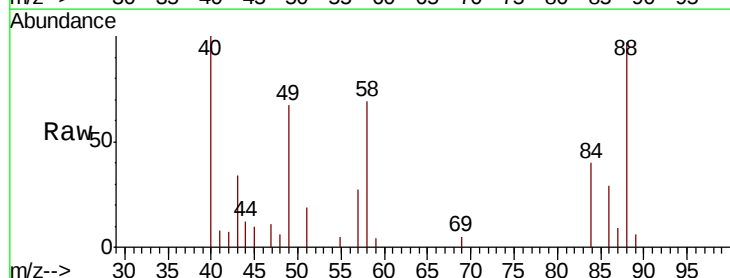
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



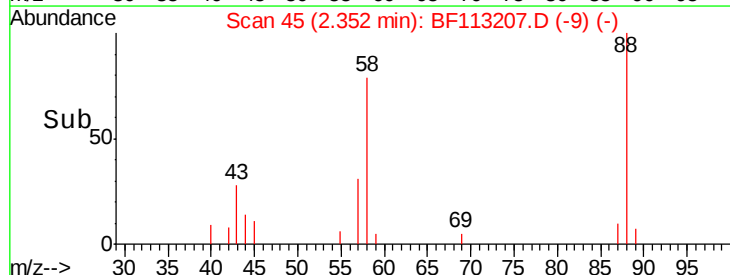
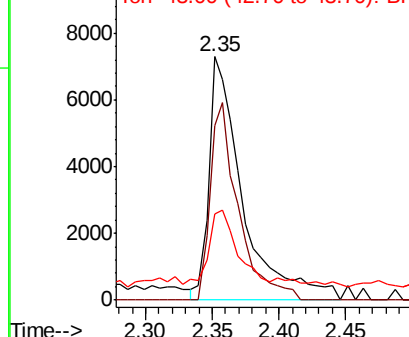
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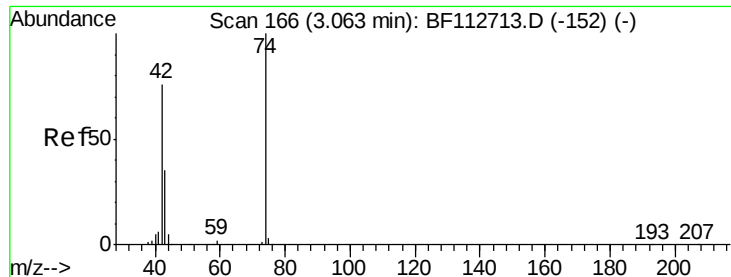
1,4-Dioxane
Concen: 2.756 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.09 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 88 Resp: 12878
Ion Ratio Lower Upper
88 100
58 67.7 63.1 94.7
43 25.4 24.3 36.5



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



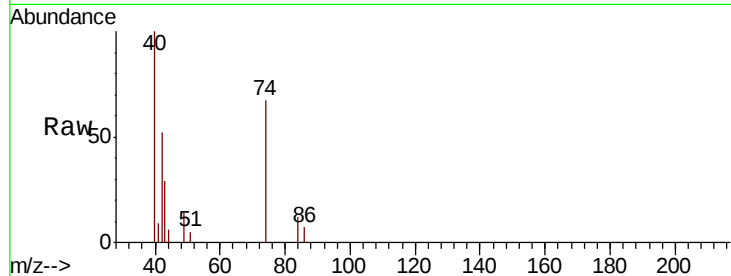


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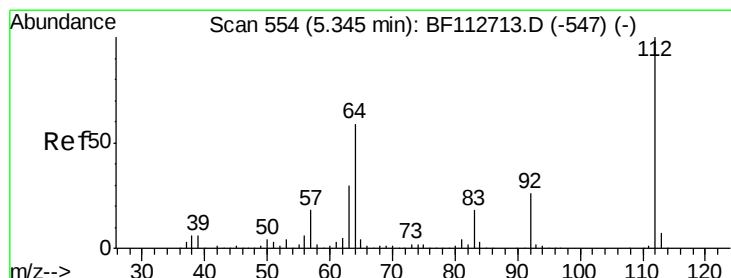
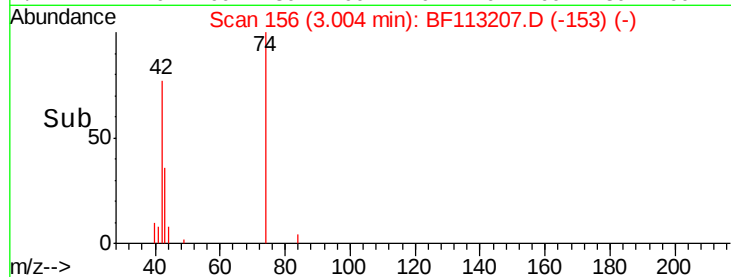
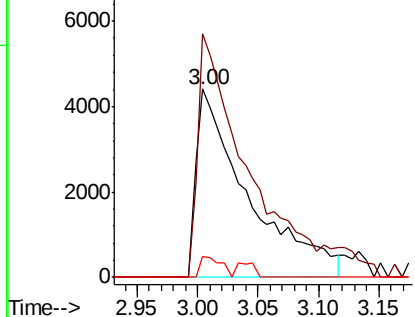
n-Nitrosodimethylamine
 Concen: 2.393 ng
 RT: 3.00 min Scan# 156
 Delta R.T. -0.08 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion: 42 Resp: 13084
 Ion Ratio Lower Upper
 42 100
 74 129.5 105.8 158.8
 44 10.9 6.2 9.2#



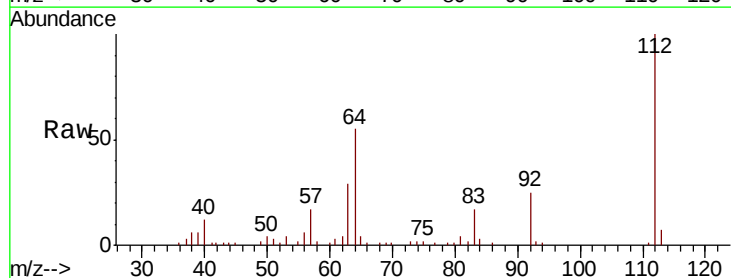
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



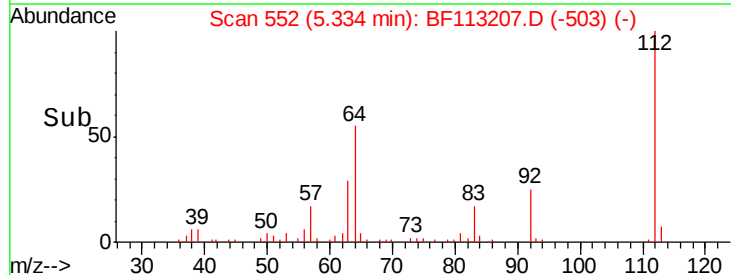
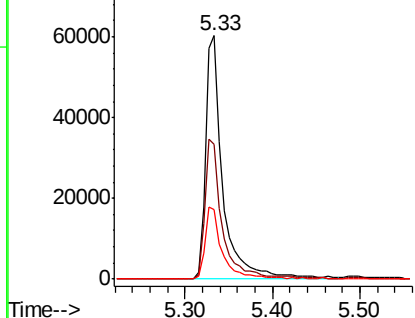
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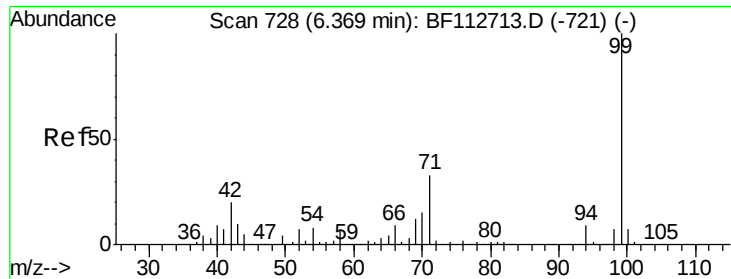
2-Fluorophenol
 Concen: 8.895 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion: 112 Resp: 82913
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.6 71.4
 63 28.6 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 9.984 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

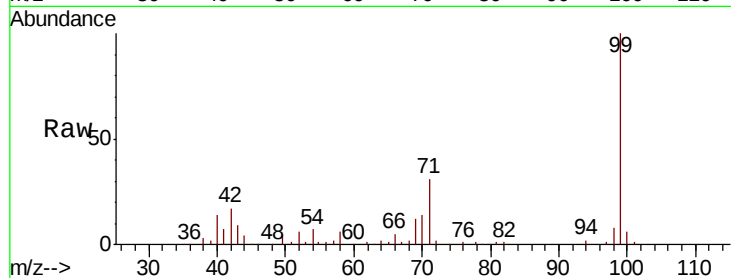
Tgt Ion: 99 Resp: 116901

Ion Ratio Lower Upper

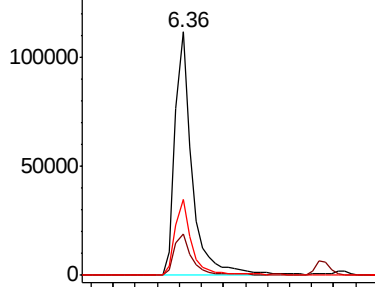
99 100

42 17.0 16.3 24.5

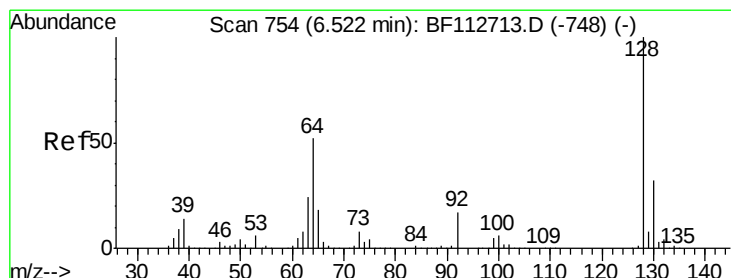
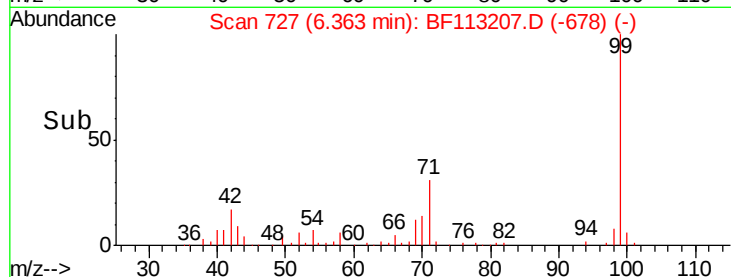
71 31.0 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 3.112 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

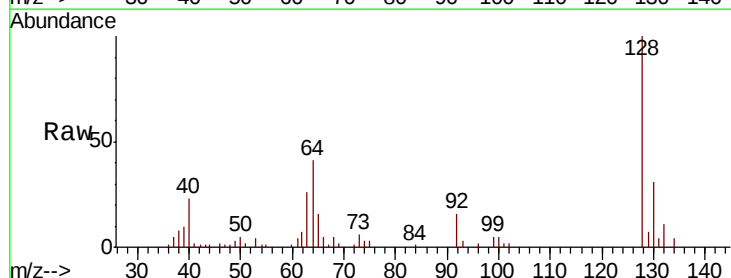
Tgt Ion: 128 Resp: 32294

Ion Ratio Lower Upper

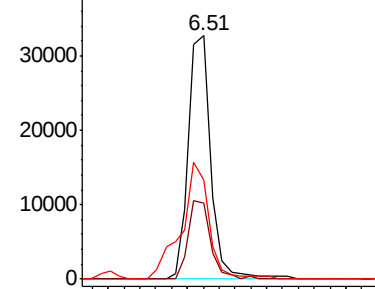
128 100

130 31.4 12.4 52.4

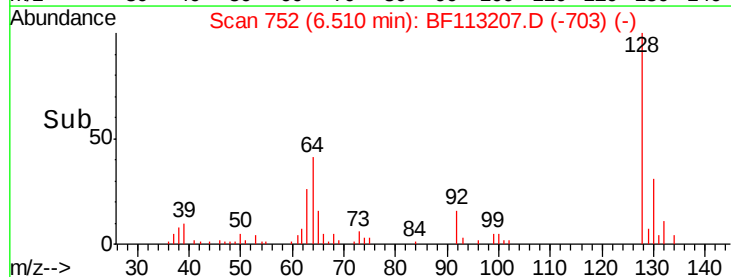
64 40.9 32.2 72.2

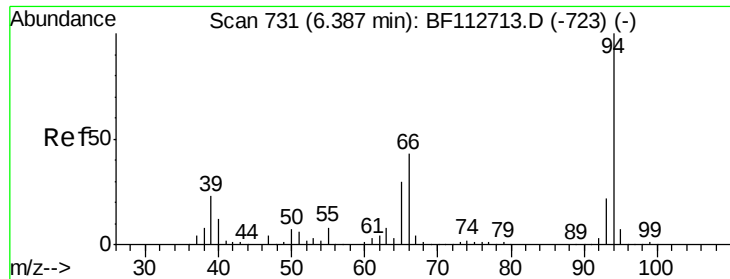


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#10

Phenol

Concen: 2.975 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

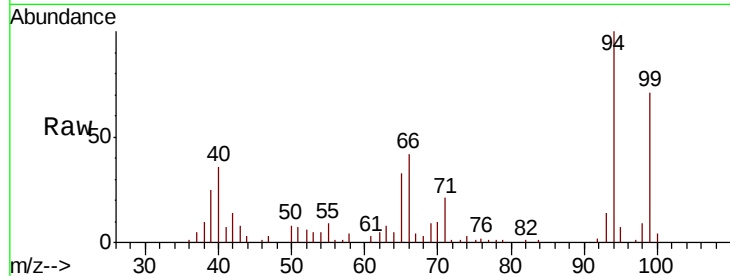
Tgt Ion: 94 Resp: 40648

Ion Ratio Lower Upper

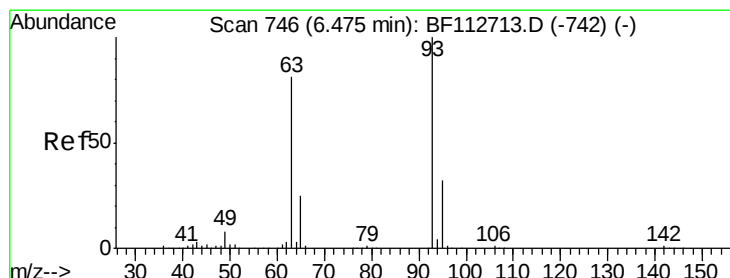
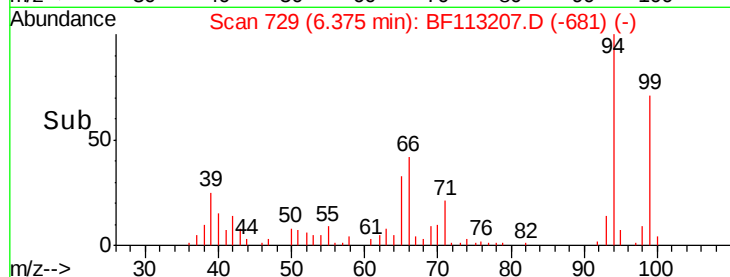
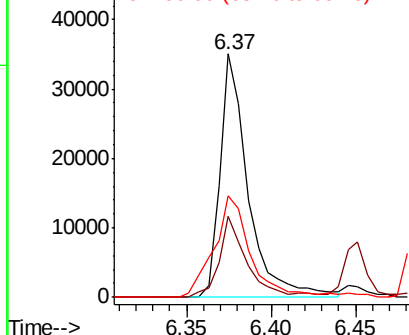
94 100

65 33.1 10.5 50.5

66 42.0 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 3.006 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

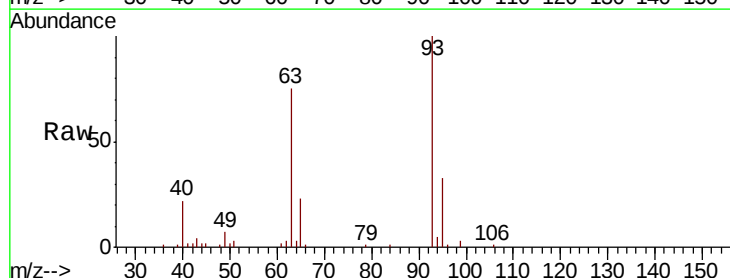
Tgt Ion: 93 Resp: 31527

Ion Ratio Lower Upper

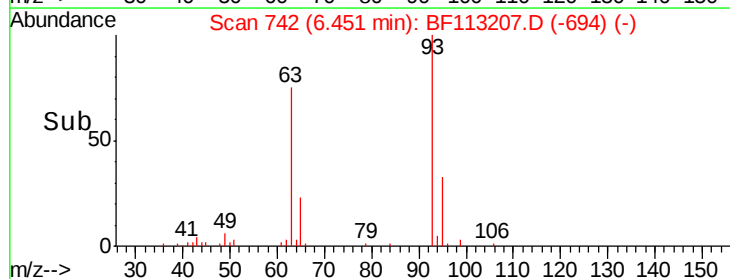
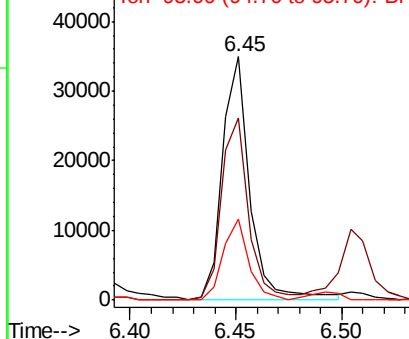
93 100

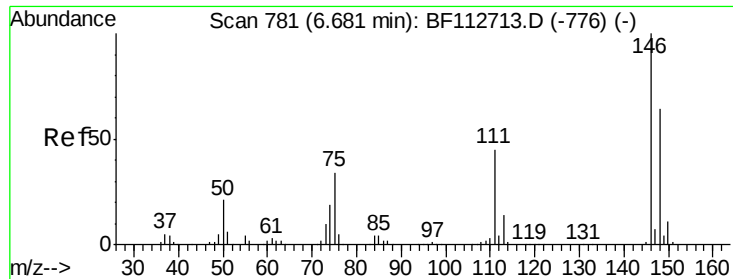
63 74.9 60.5 100.5

95 33.5 12.1 52.1



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: 3.752 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.06 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

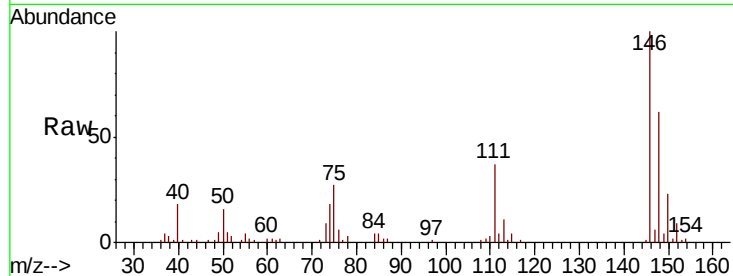
Tgt Ion:146 Resp: 40212

Ion Ratio Lower Upper

146 100

148 62.2 50.9 76.3

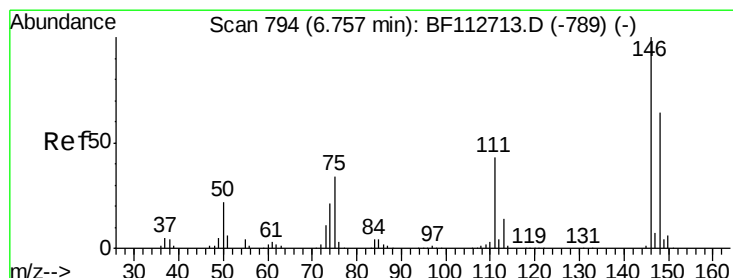
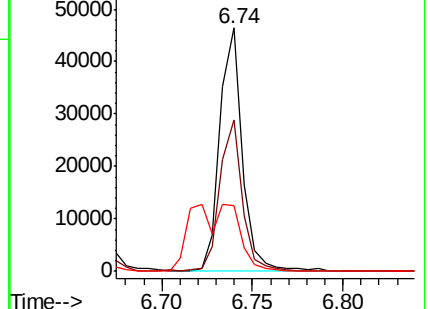
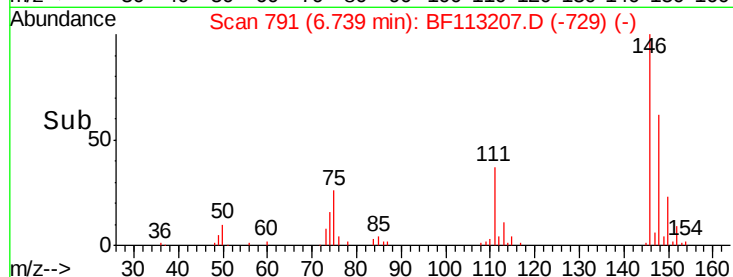
75 26.9 26.9 40.3



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: 3.741 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

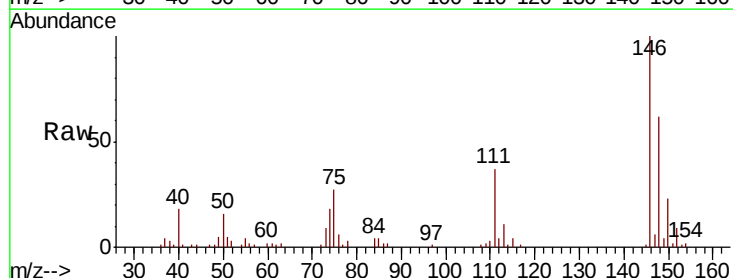
Tgt Ion:146 Resp: 40212

Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.4

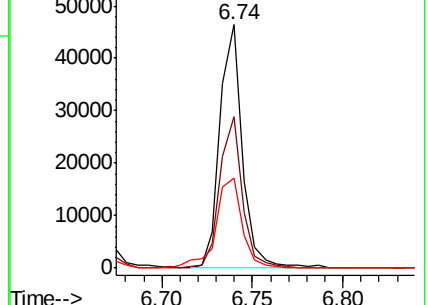
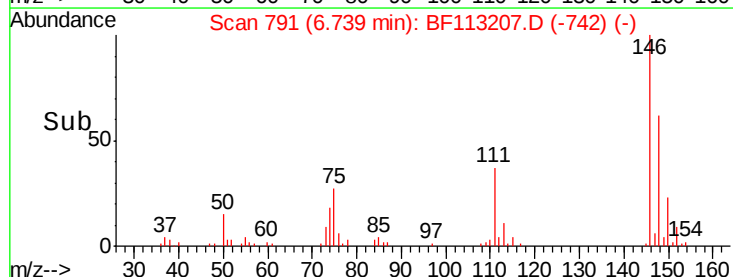
111 37.0 34.5 51.7

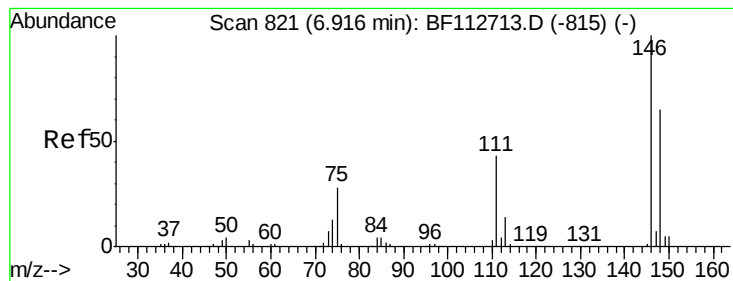


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 3.913 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

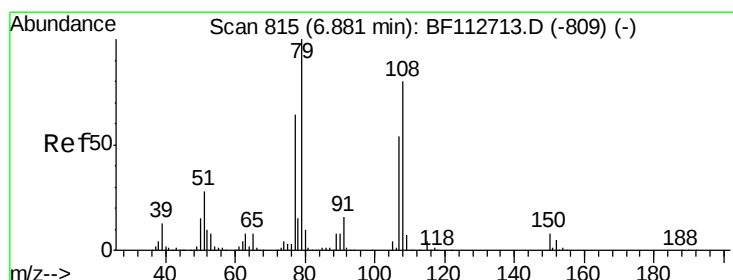
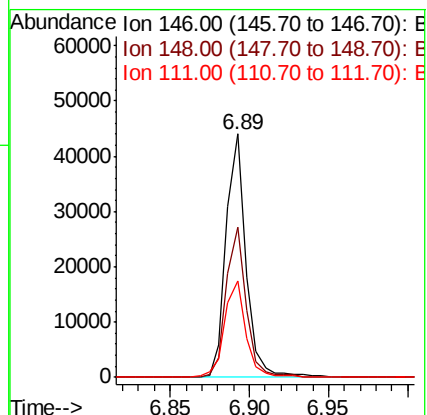
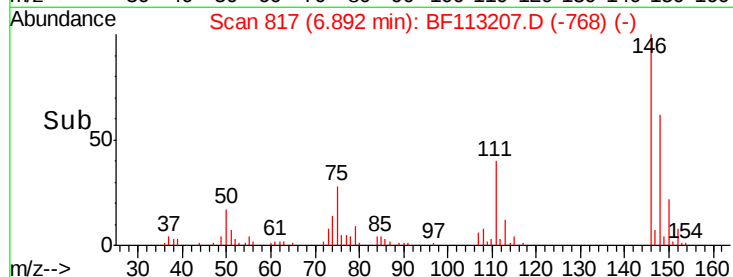
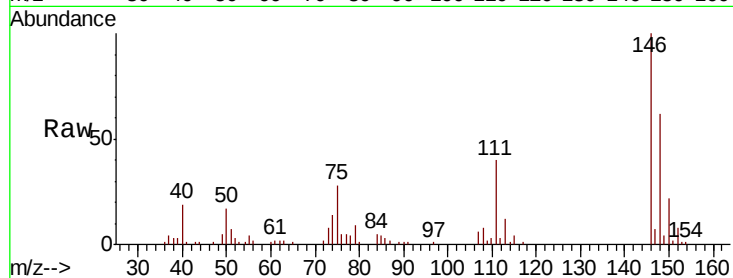
Tgt Ion: 146 Resp: 38558

Ion Ratio Lower Upper

146 100

148 61.9 52.0 78.0

111 39.5 34.8 52.2



#15

Benzyl Alcohol

Concen: 3.035 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

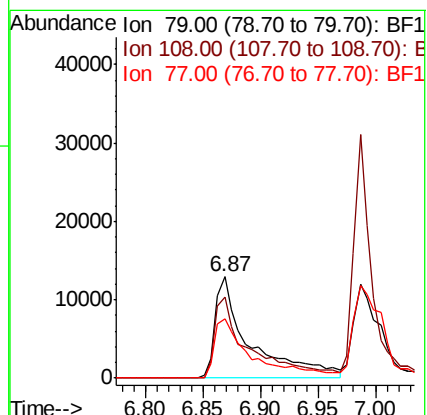
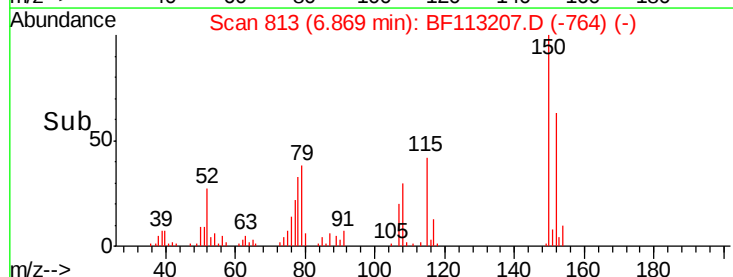
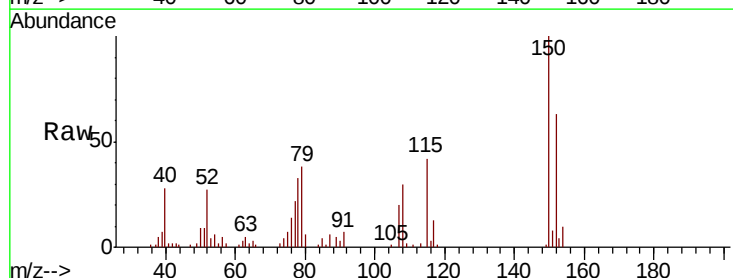
Tgt Ion: 79 Resp: 27094

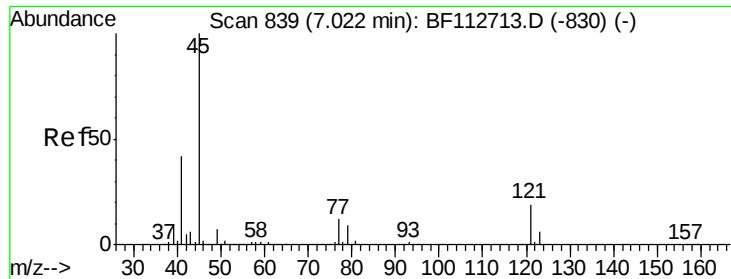
Ion Ratio Lower Upper

79 100

108 79.6 64.2 96.4

77 58.7 51.1 76.7

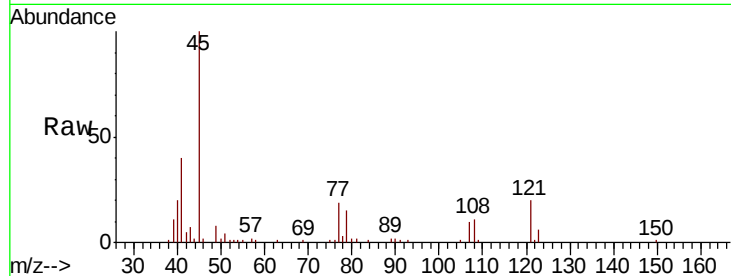




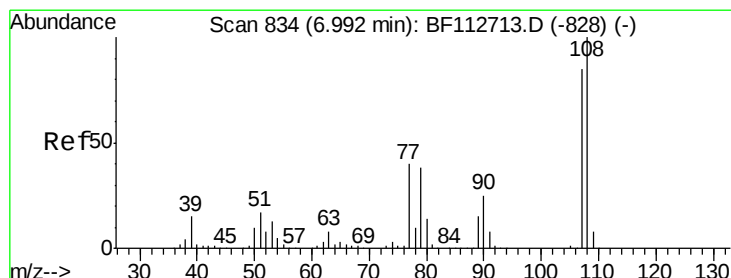
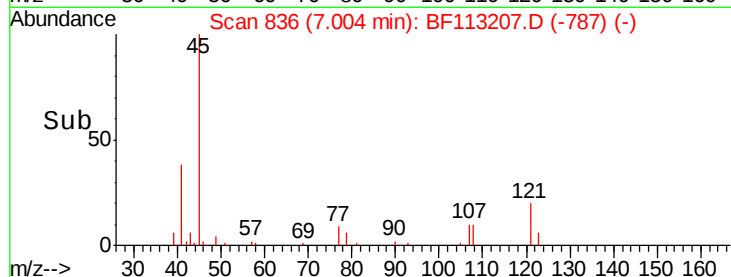
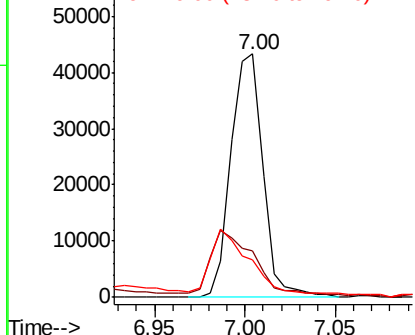
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.059 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 45 Resp: 53544
Ion Ratio Lower Upper
45 100
77 19.2 0.0 32.1
79 15.4 0.0 29.4

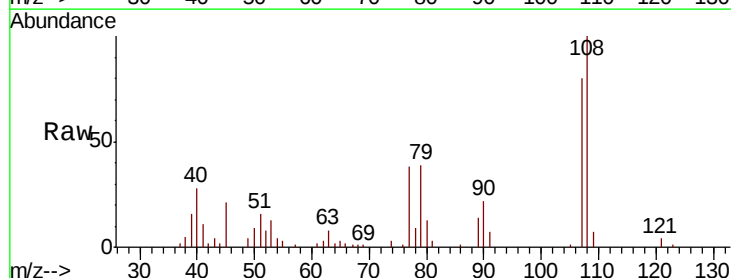


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

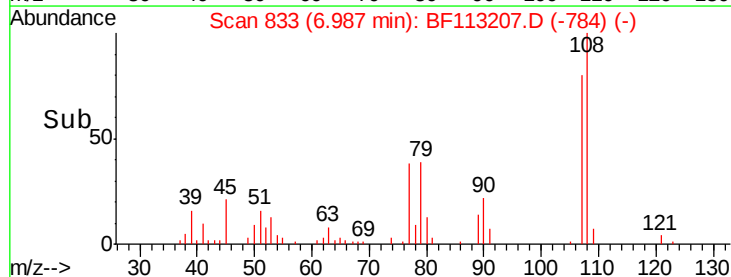
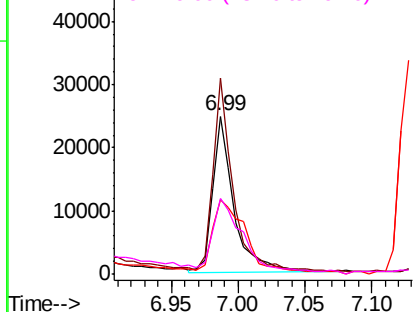


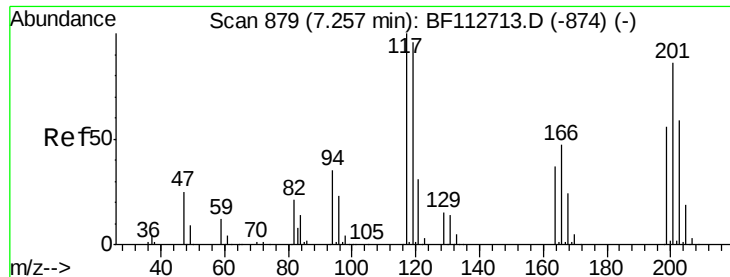
#17
2-Methylphenol
Concen: 3.299 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 107 Resp: 27771
Ion Ratio Lower Upper
107 100
108 124.5 94.6 142.0
77 47.4 37.8 56.8
79 48.3 36.2 54.2



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

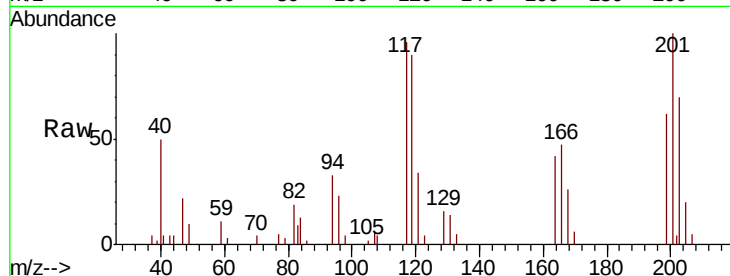




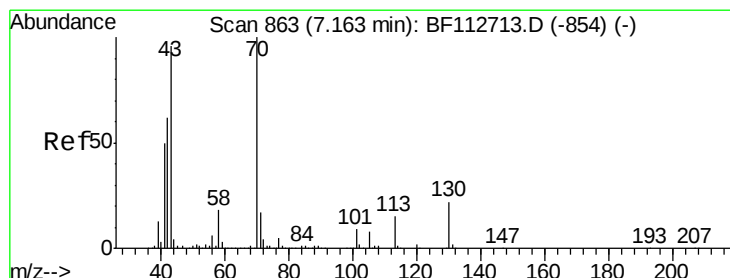
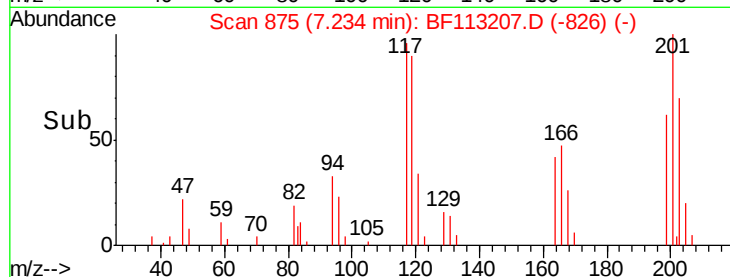
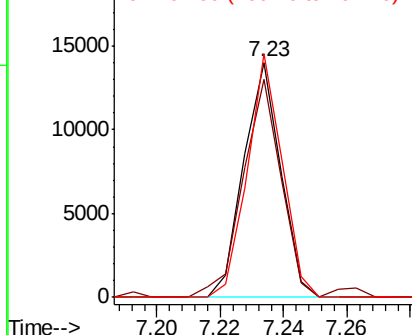
#18
Hexachloroethane
Concen: 2.753 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 117 Resp: 11334
Ion Ratio Lower Upper
117 100
119 92.8 76.6 115.0
201 103.6 68.9 103.3#



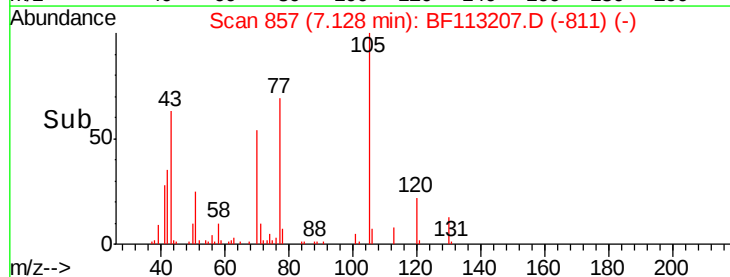
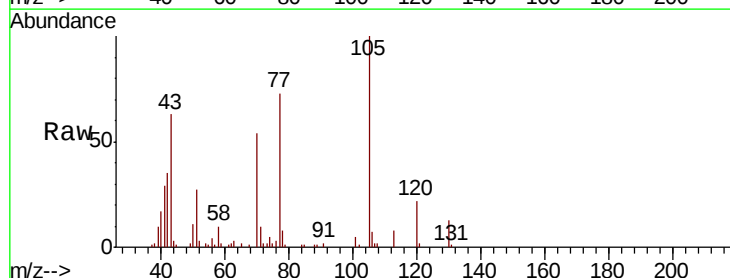
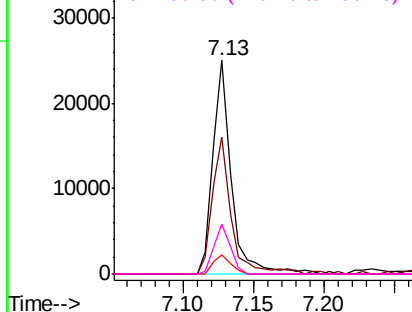
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

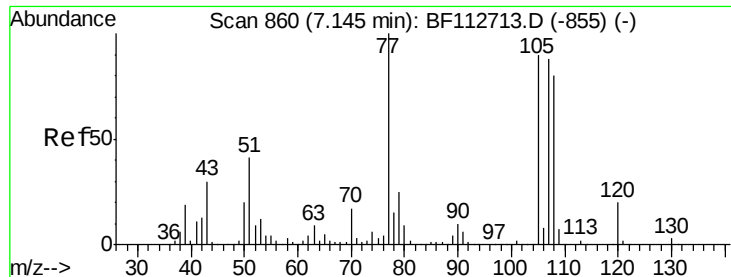


#19
n-Nitroso-di-n-propylamine
Concen: 3.097 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 70 Resp: 22964
Ion Ratio Lower Upper
70 100
42 64.3 49.9 74.9
101 9.2 7.4 11.2
130 23.6 17.4 26.2

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

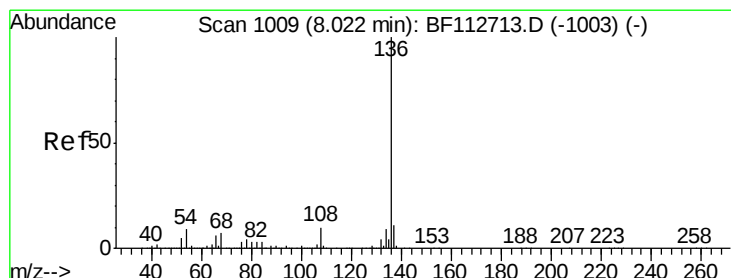
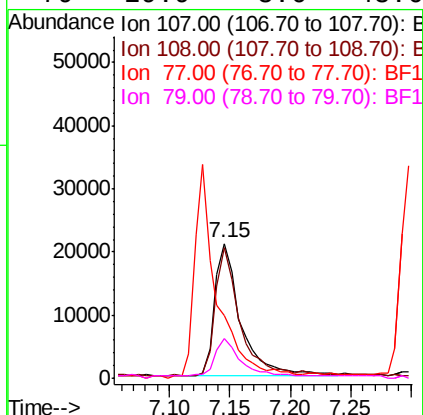
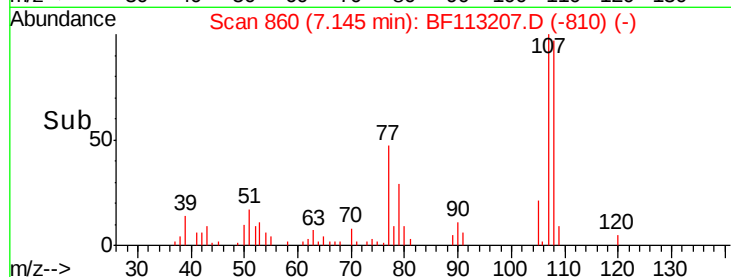
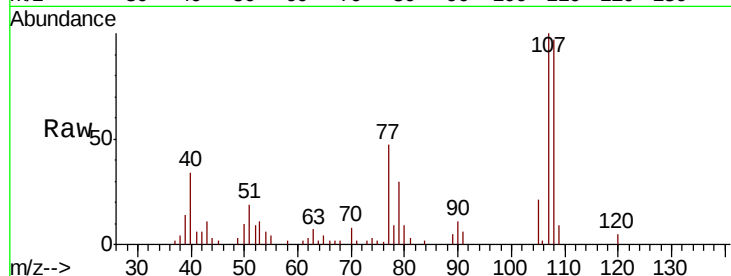




#20
3+4-Methylphenols
Concen: 3.328 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

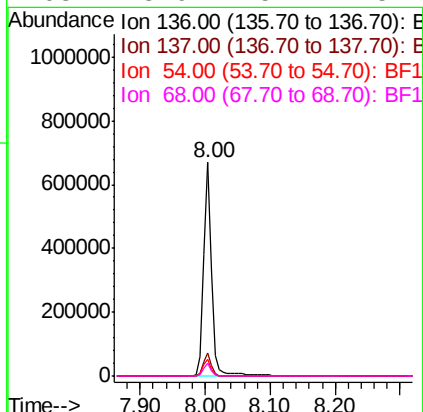
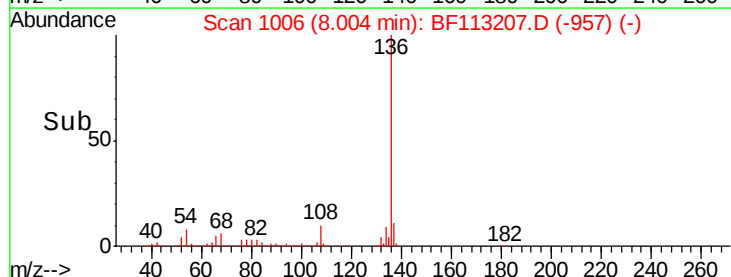
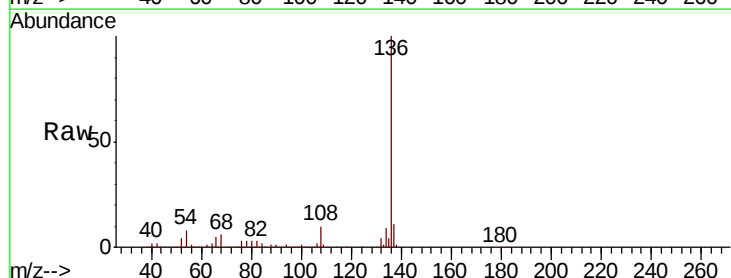
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

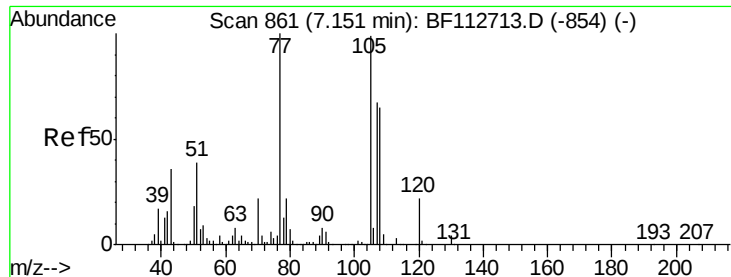
Tgt Ion:107 Resp: 31623
Ion Ratio Lower Upper
107 100
108 96.7 71.4 111.4
77 46.8 94.1 134.1#
79 29.9 8.6 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:136 Resp: 572856
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 7.3 10.9
68 5.9 5.4 8.2

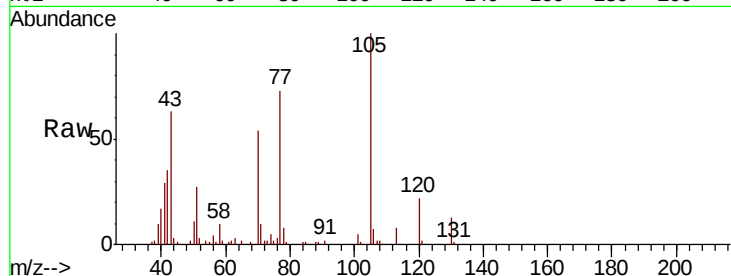




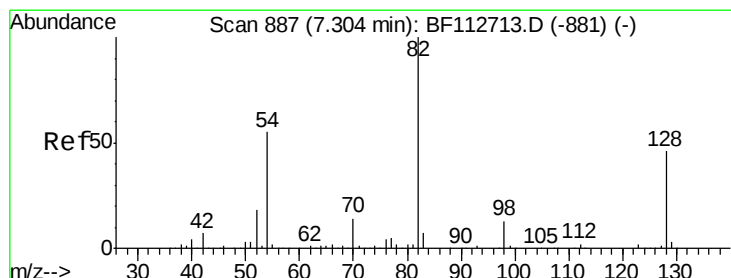
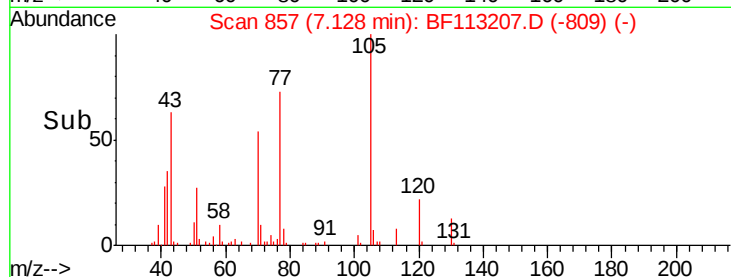
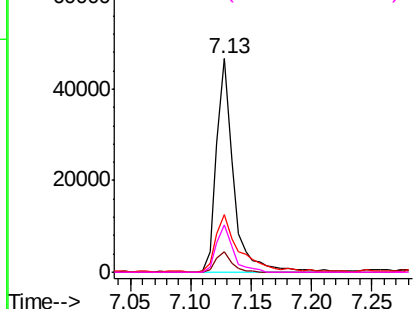
#22
Acetophenone
Concen: 3.393 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 105 Resp: 45448
Ion Ratio Lower Upper
105 100
71 9.6 3.0 4.4#
51 27.0 31.5 47.3#
120 22.4 18.1 27.1

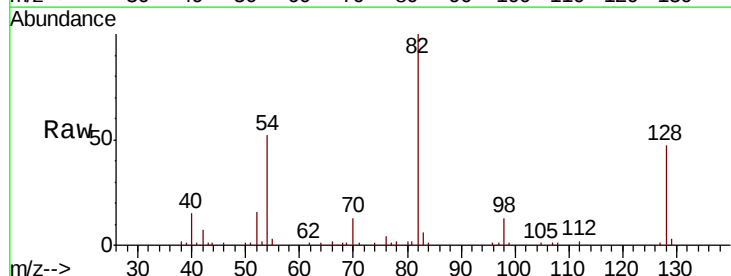


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

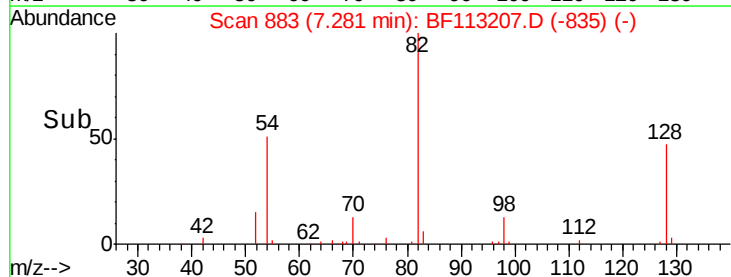
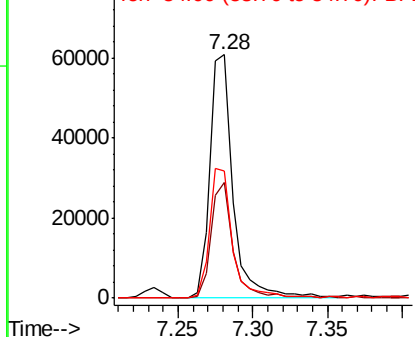


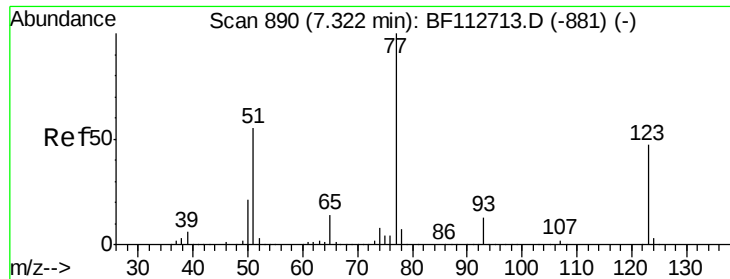
#23
Nitrobenzene-d5
Concen: 6.880 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 82 Resp: 65862
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 52.1 43.7 65.5



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





#24

Nitrobenzene

Concen: 2.989 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

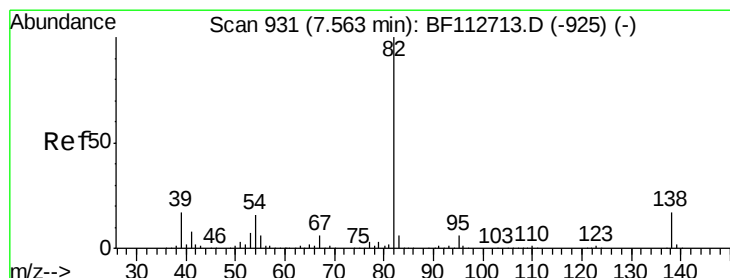
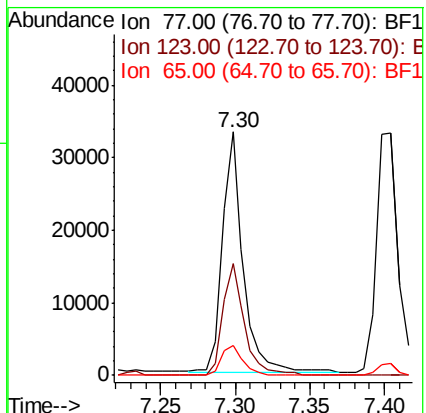
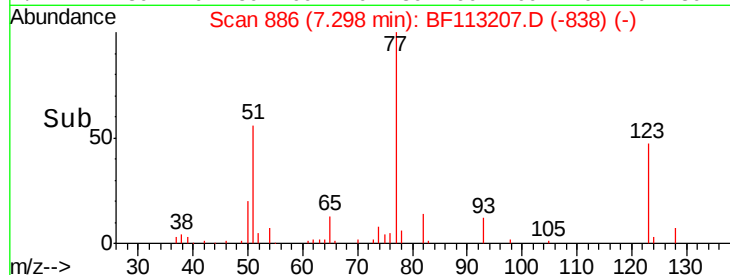
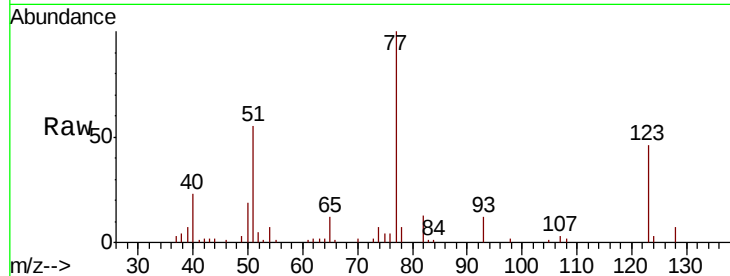
Tgt Ion: 77 Resp: 31853

Ion Ratio Lower Upper

77 100

123 46.0 37.8 56.6

65 12.4 11.1 16.7



#25

Isophorone

Concen: 3.140 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

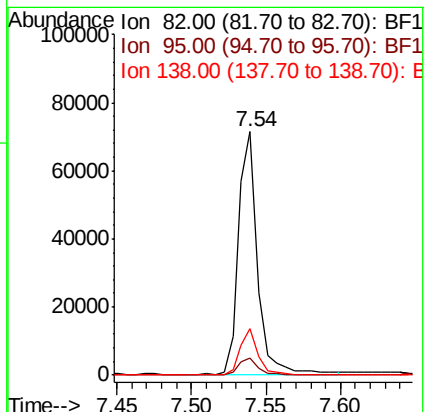
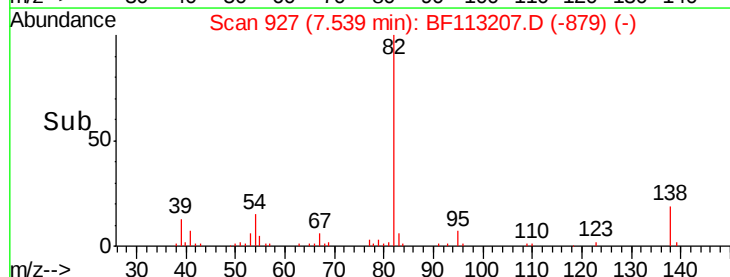
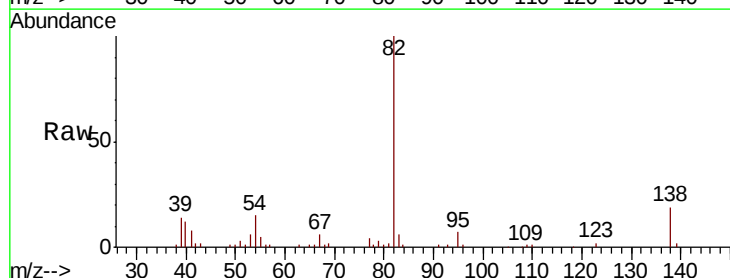
Tgt Ion: 82 Resp: 64759

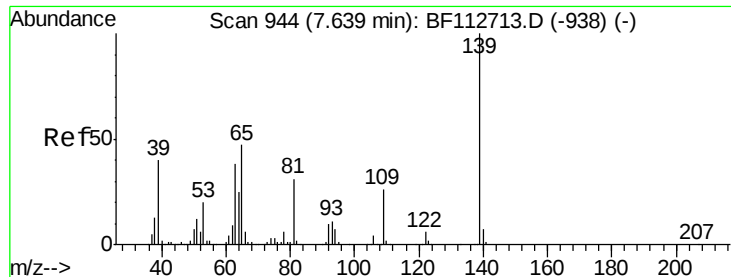
Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.2 13.8 20.8





#26

2-Nitrophenol

Concen: 2.932 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

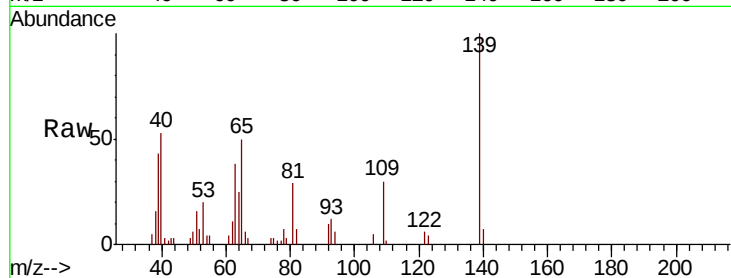
Tgt Ion:139 Resp: 13005

Ion Ratio Lower Upper

139 100

109 30.5 20.6 31.0

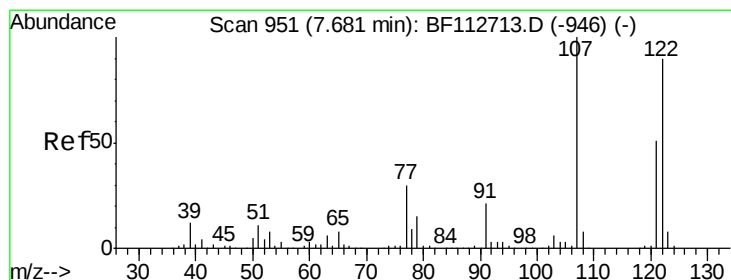
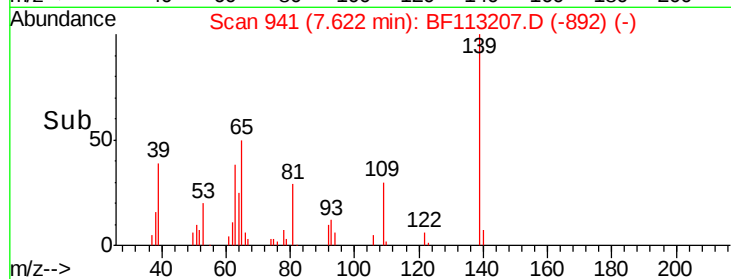
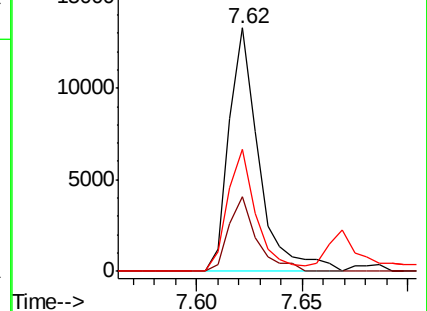
65 50.3 37.9 56.9



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



#27

2,4-Dimethylphenol

Concen: 3.150 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

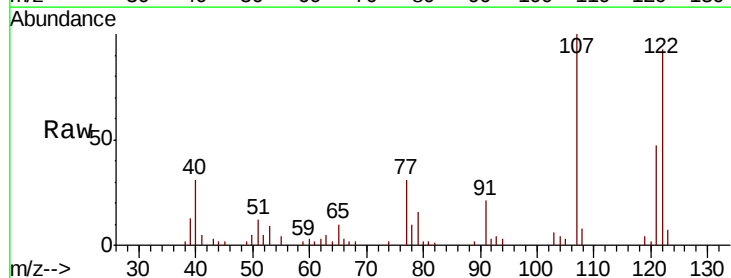
Tgt Ion:122 Resp: 25997

Ion Ratio Lower Upper

122 100

107 107.7 89.4 134.0

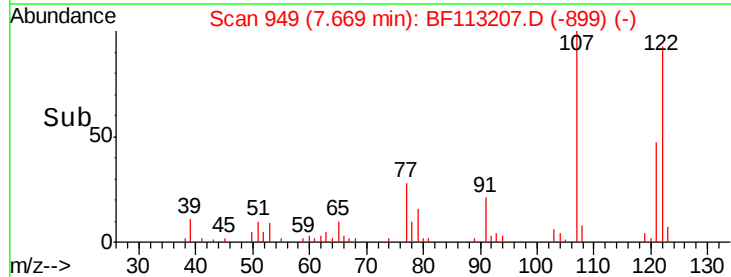
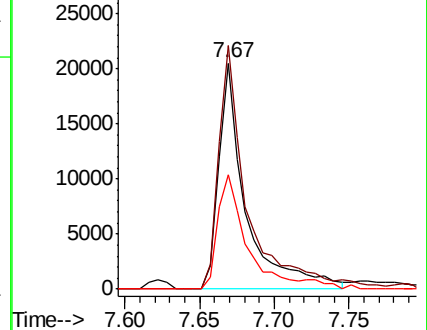
121 50.3 45.5 68.3

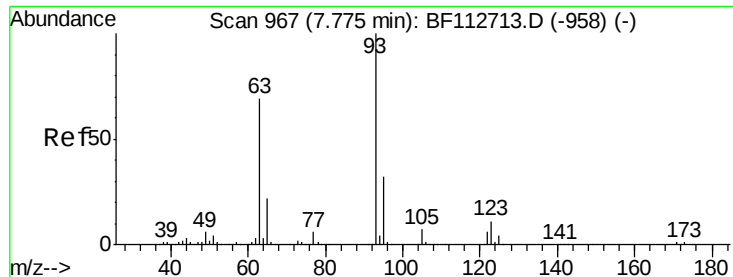


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

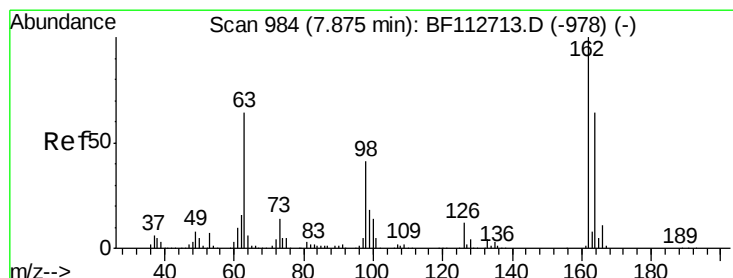
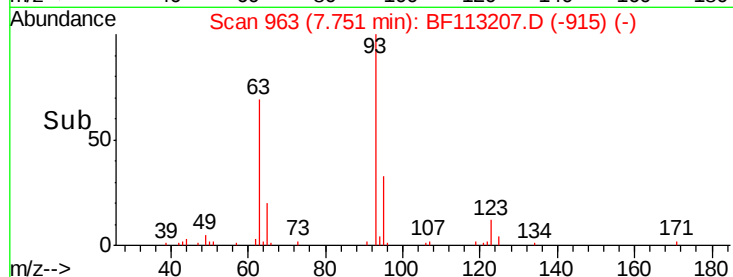
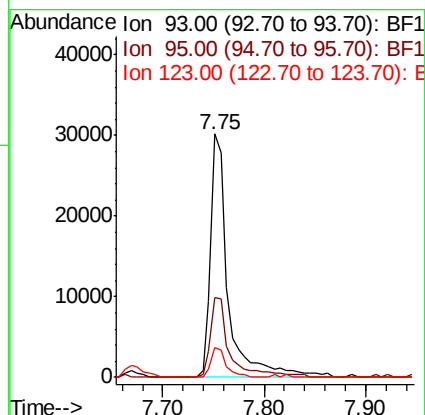
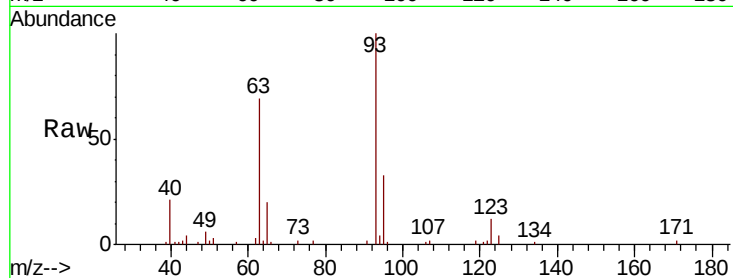




#28
bis(2-Chloroethoxy)methane
Concen: 2.840 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

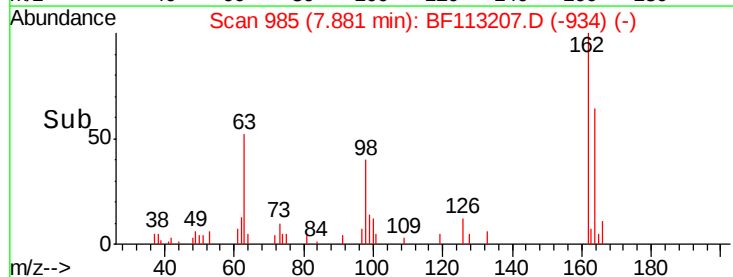
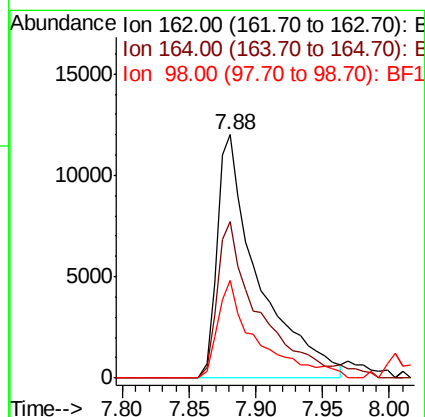
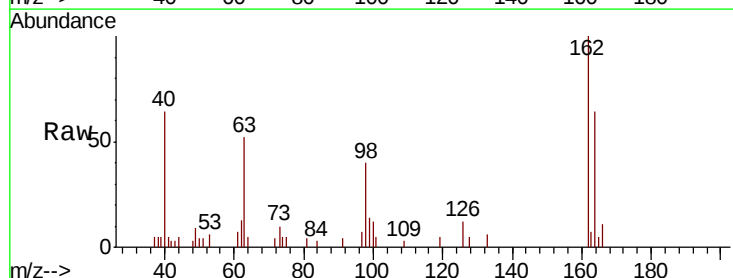
Instrument :
BNA_F
ClientSampleId :
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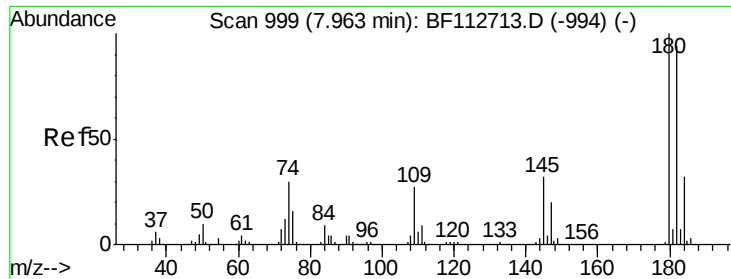
Tgt Ion: 93 Resp: 36624
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.2 9.3 13.9



#29
2,4-Dichlorophenol
Concen: 3.241 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 162 Resp: 25937
Ion Ratio Lower Upper
162 100
164 64.2 44.0 84.0
98 39.9 20.7 60.7

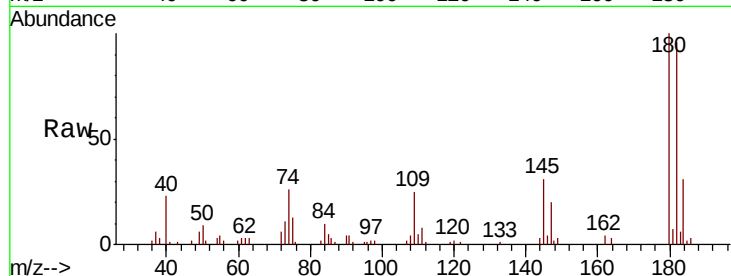




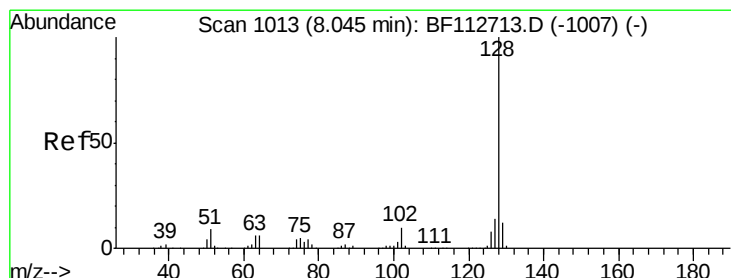
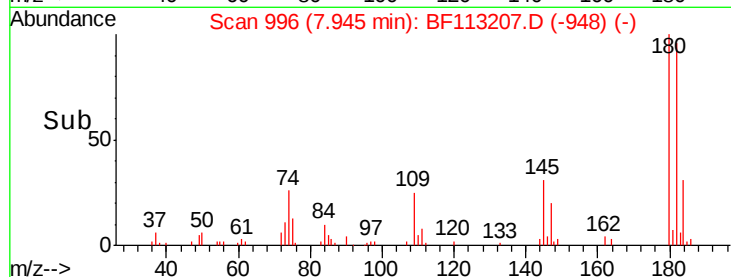
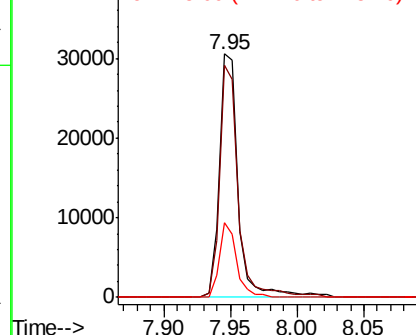
#30
1,2,4-Trichlorobenzene
Concen: 3.560 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion:180 Resp: 30608
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
145 30.8 25.4 38.0

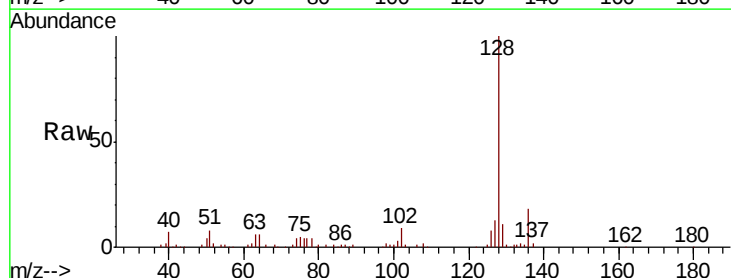


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

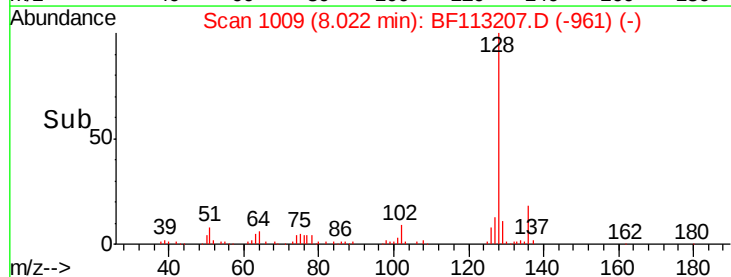
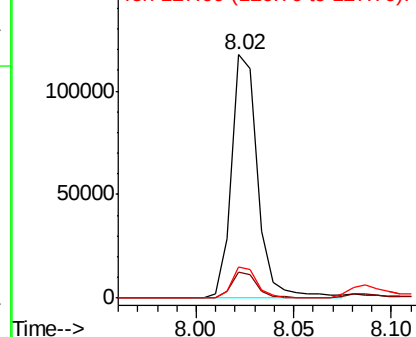


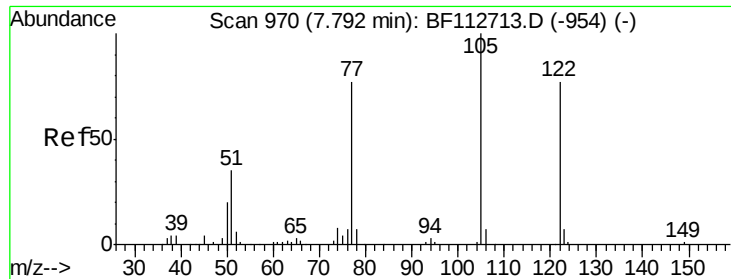
#31
Naphthalene
Concen: 3.877 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:128 Resp: 110256
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.0 10.9 16.3



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

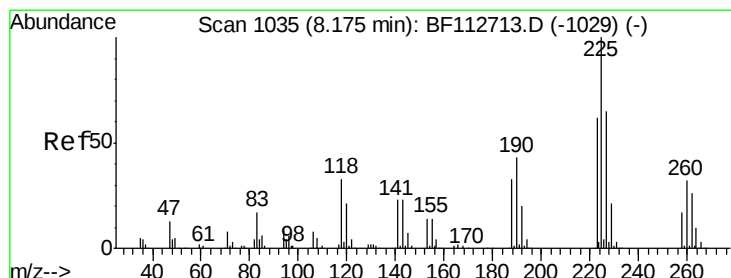
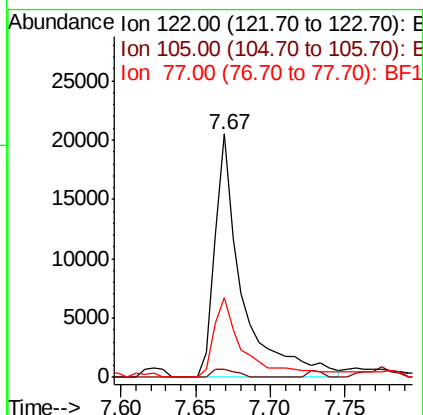
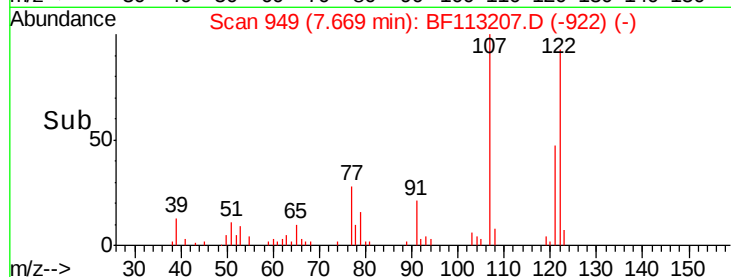
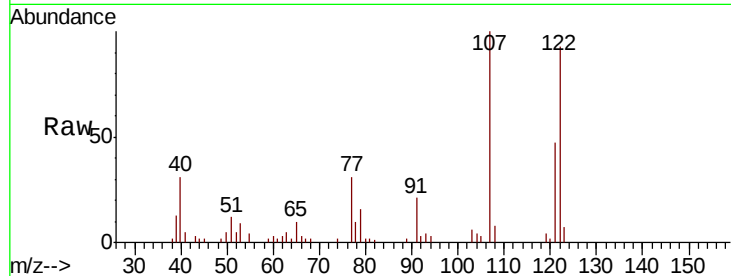




#32
Benzoic acid
Concen: 4.495 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.14 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

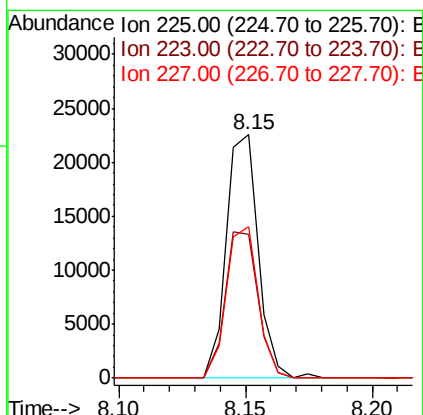
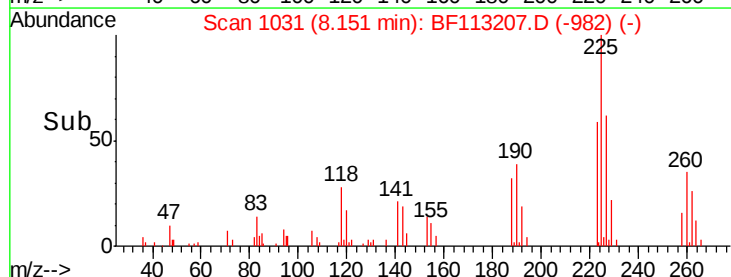
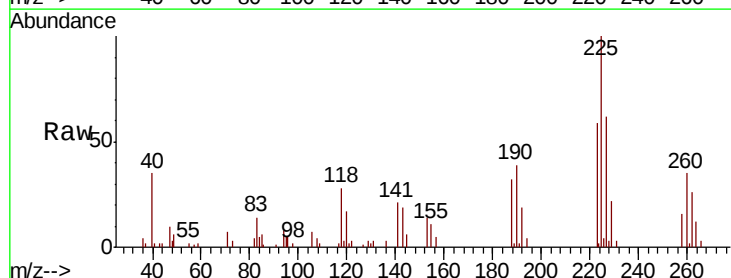
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

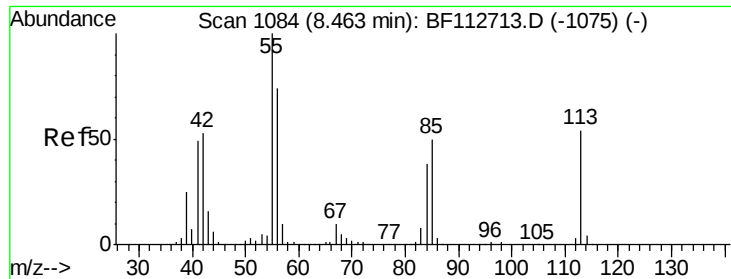
Tgt Ion:122 Resp: 25997
Ion Ratio Lower Upper
122 100
105 3.2 106.8 146.8#
77 32.9 79.4 119.4#



#34
Hexachlorobutadiene
Concen: 4.062 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:225 Resp: 19698
Ion Ratio Lower Upper
225 100
223 59.0 49.7 74.5
227 62.3 52.1 78.1





#35

Caprolactam

Concen: 2.903 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.07 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

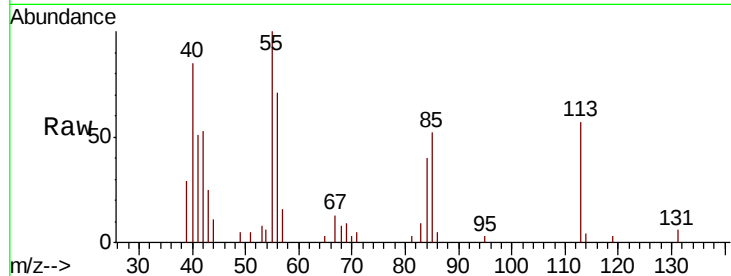
Tgt Ion:113 Resp: 8181

Ion Ratio Lower Upper

113 100

55 176.5 163.5 203.5

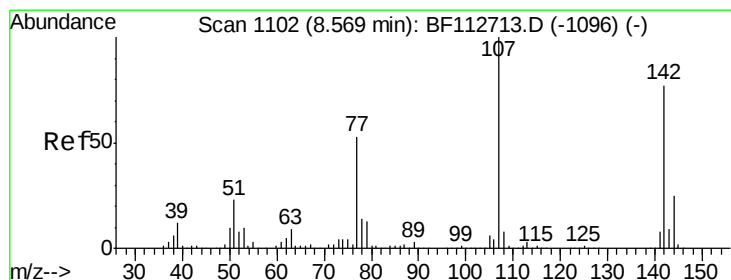
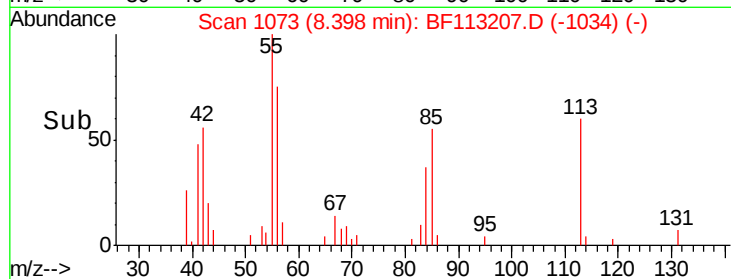
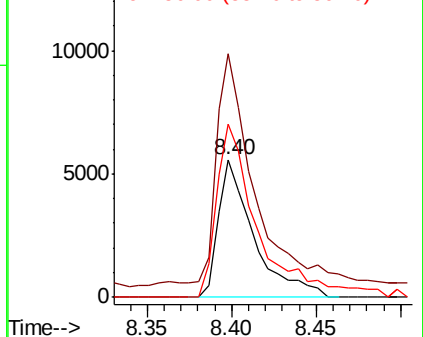
56 125.5 115.3 155.3



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: 3.298 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

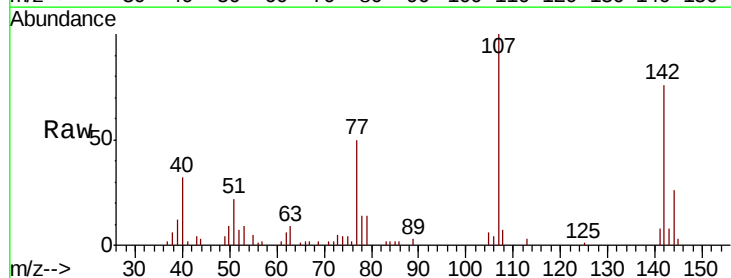
Tgt Ion:107 Resp: 29204

Ion Ratio Lower Upper

107 100

144 25.8 20.1 30.1

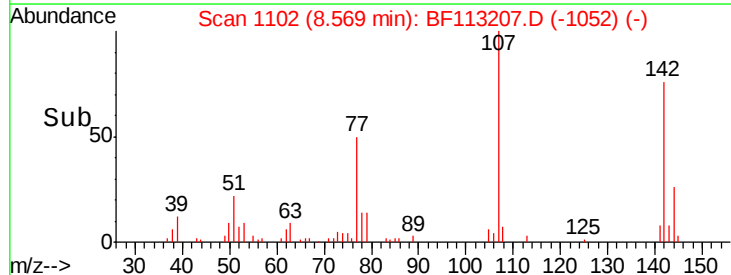
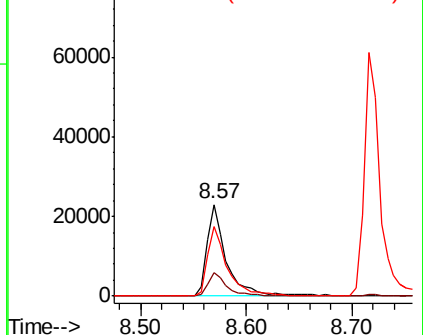
142 75.9 61.9 92.9

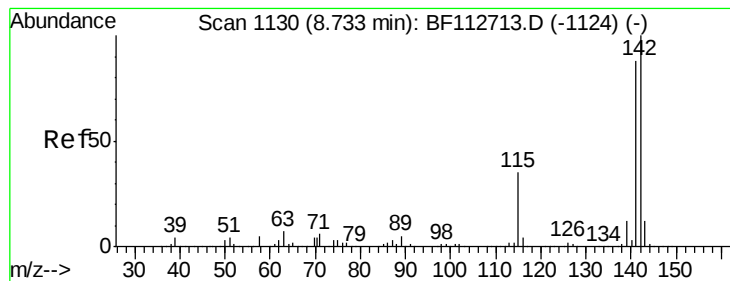


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 3.396 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

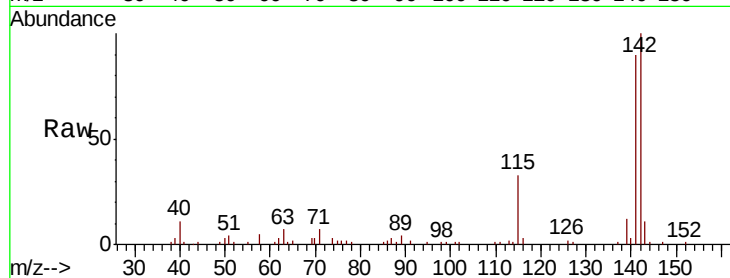
Tgt Ion:142 Resp: 62377

Ion Ratio Lower Upper

142 100

141 90.2 70.3 105.5

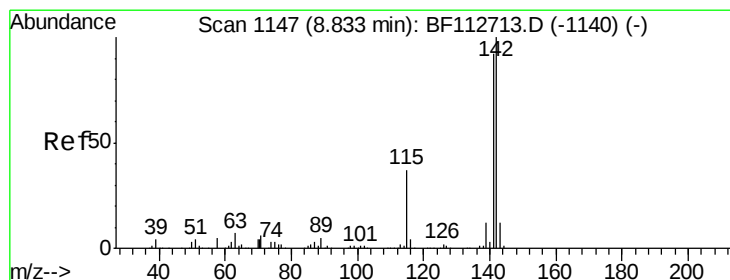
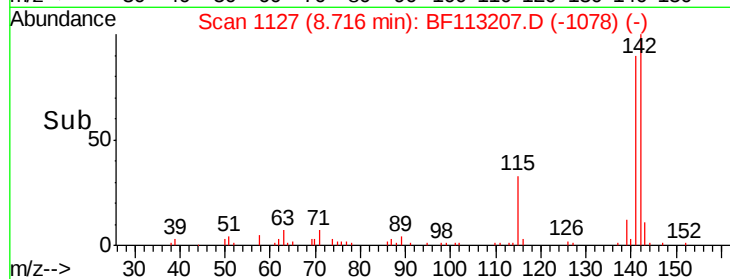
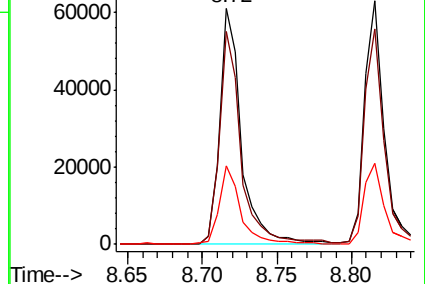
115 33.4 27.8 41.6



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: 3.343 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

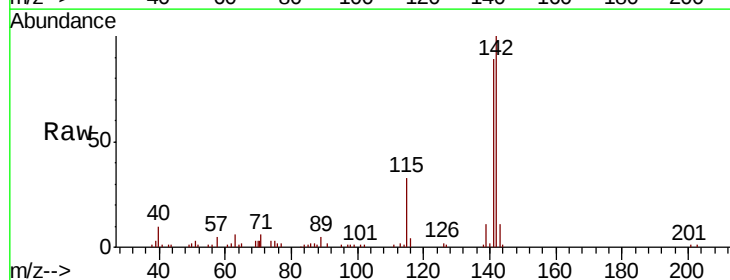
Tgt Ion:142 Resp: 59480

Ion Ratio Lower Upper

142 100

141 88.7 73.7 110.5

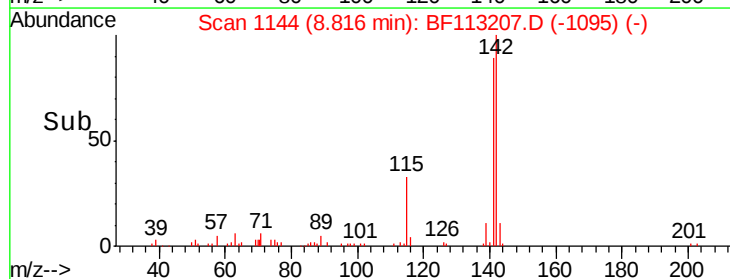
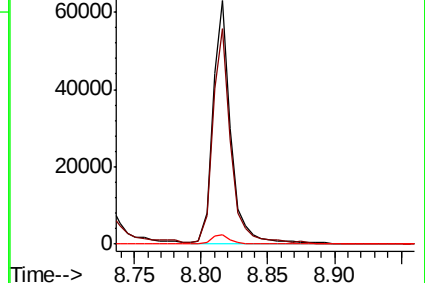
116 3.7 3.1 4.7

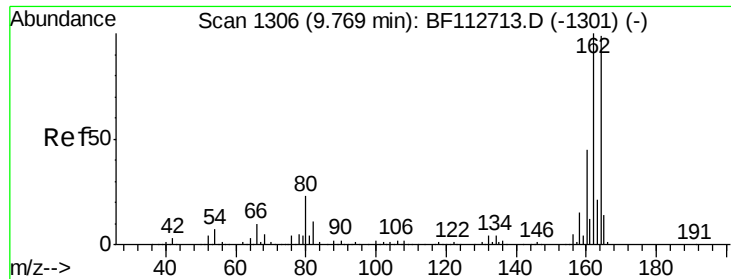


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

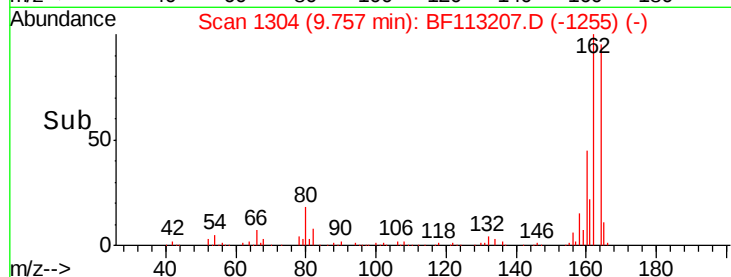
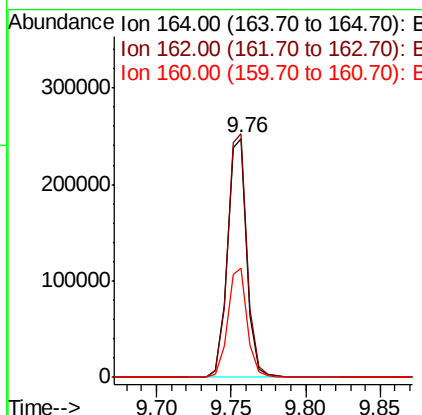
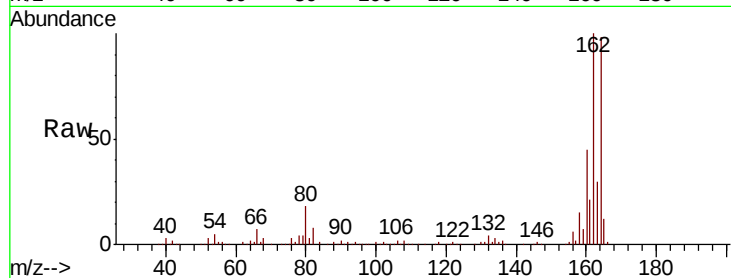




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

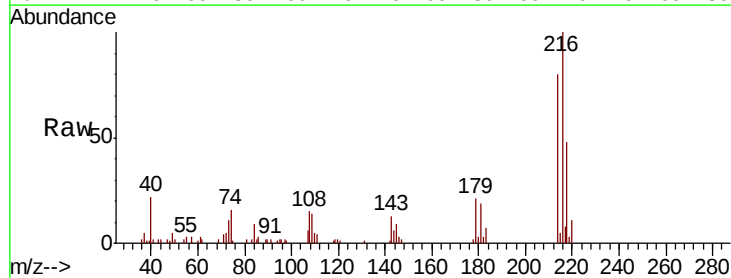
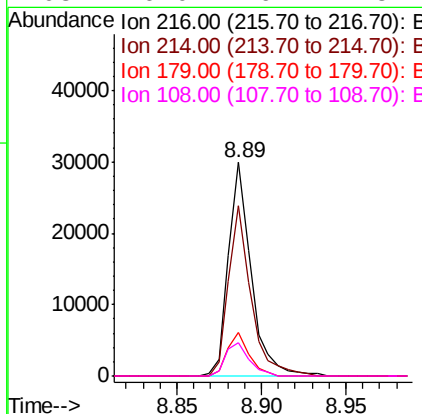
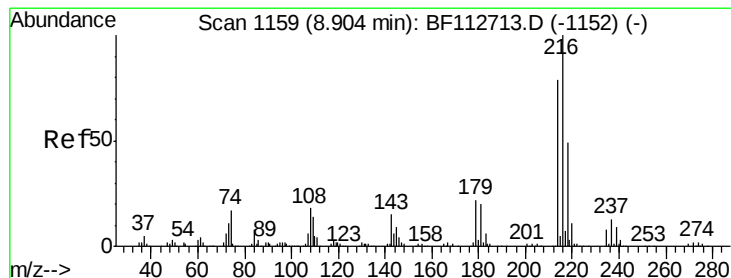
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

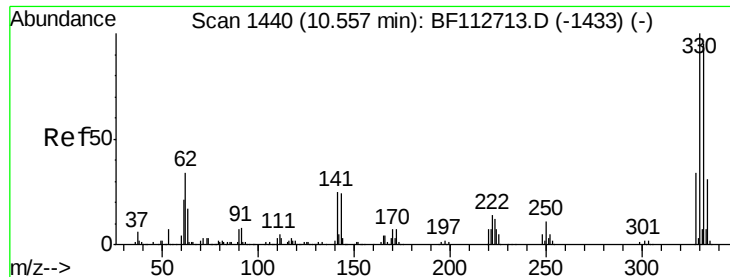
Tgt Ion:164 Resp: 228466
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 120.8
 160 46.0 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.223 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion:216 Resp: 28136
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.2 94.8
 179 19.5 17.5 26.3
 108 16.0 16.7 25.1#

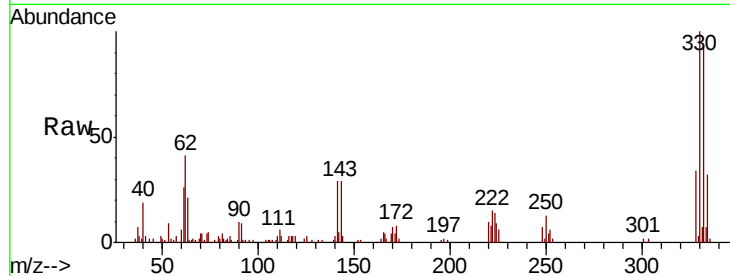




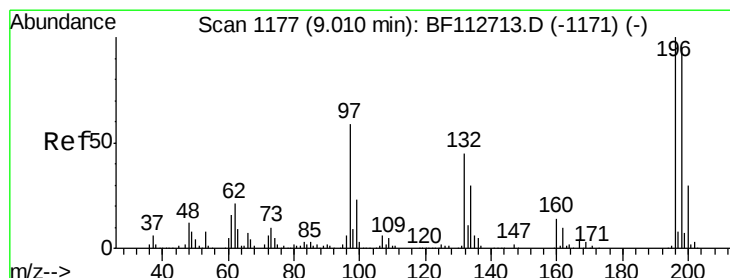
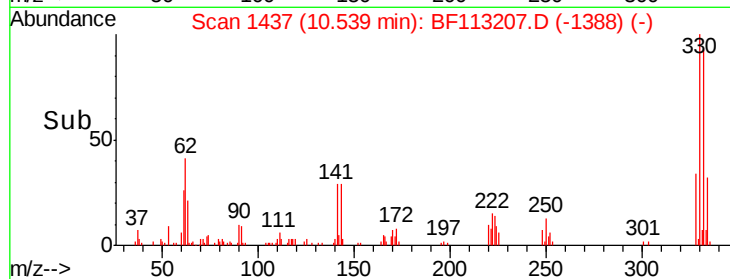
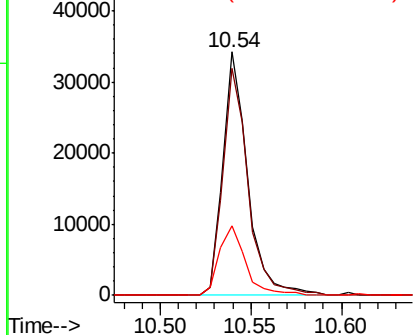
#42
 2,4,6-Tribromophenol
 Concen: 13.414 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:330 Resp: 32535
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 30.1 27.0 40.6

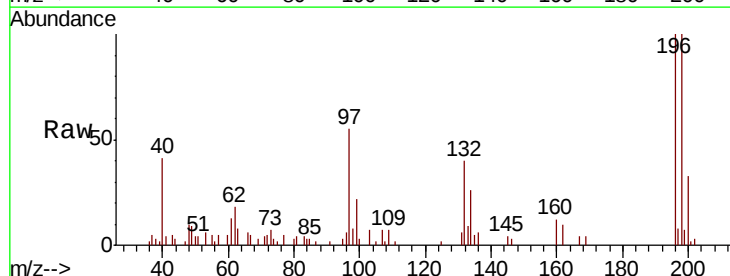


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

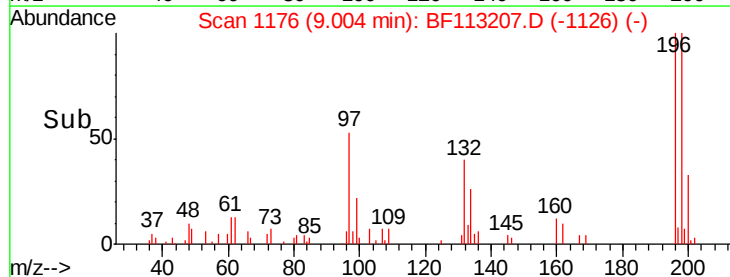
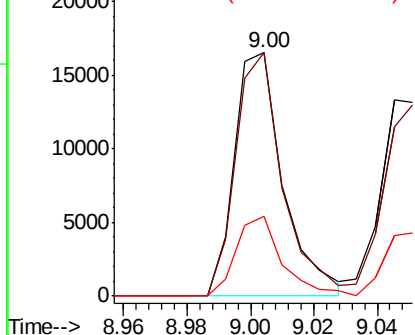


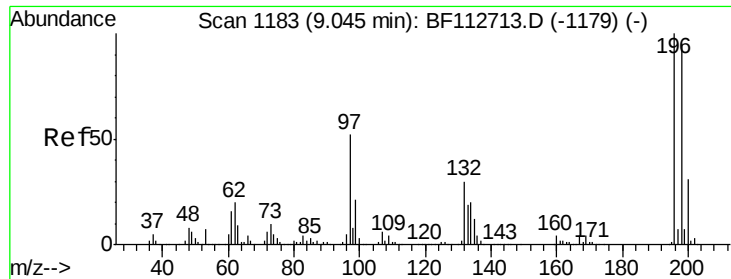
#43
 2,4,6-Trichlorophenol
 Concen: 3.834 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion:196 Resp: 17581
 Ion Ratio Lower Upper
 196 100
 198 99.8 75.8 113.8
 200 32.6 24.3 36.5



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

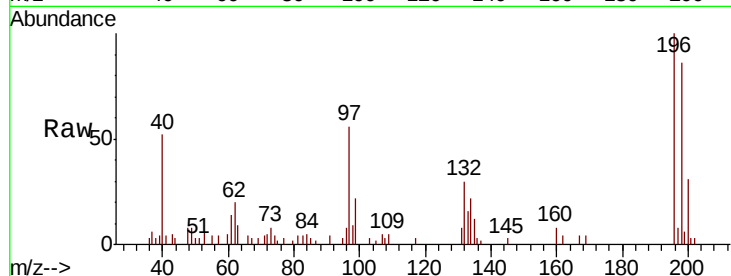




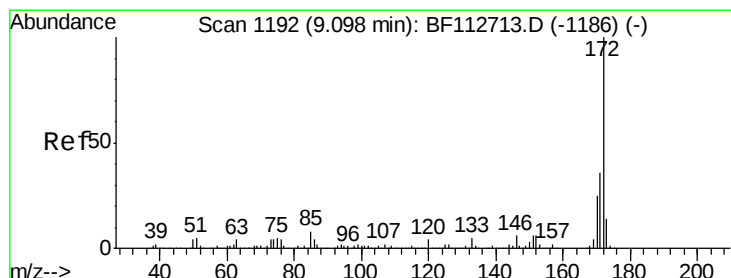
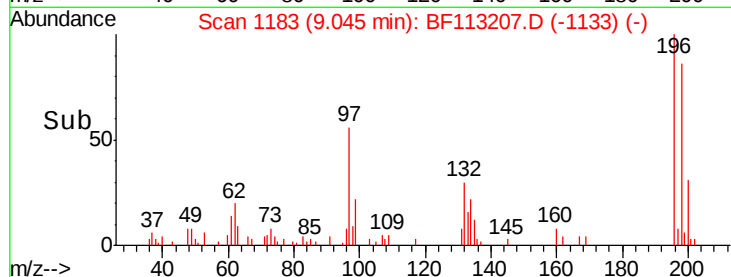
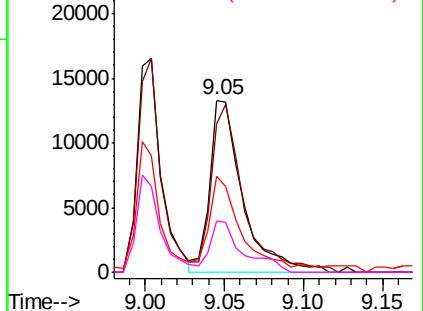
#44
 2,4,5-Trichlorophenol
 Concen: 3.892 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:	196	Resp:	19290
Ion	Ratio	Lower	Upper
196	100		
198	86.3	76.2	114.2
97	55.9	41.5	62.3
132	30.1	23.9	35.9

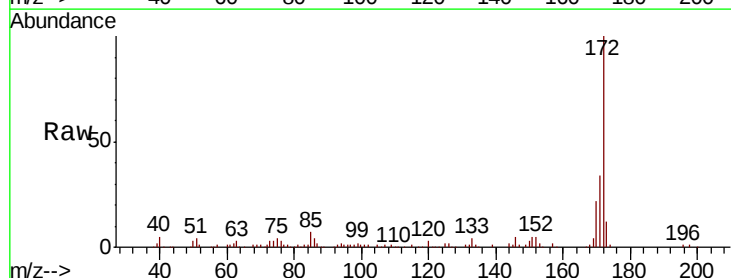


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

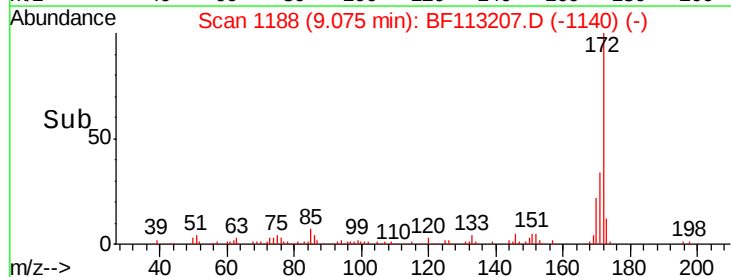
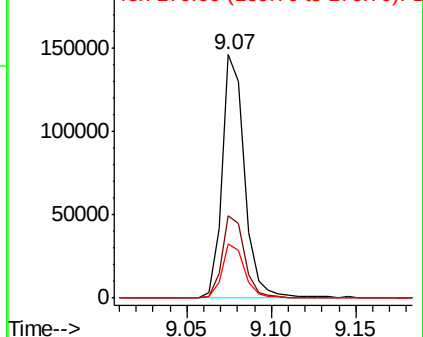


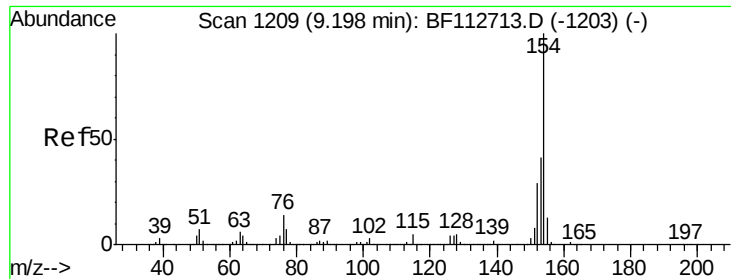
#45
 2-Fluorobiphenyl
 Concen: 6.633 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion:	172	Resp:	135758
Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.4
170	22.5	20.0	30.0



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

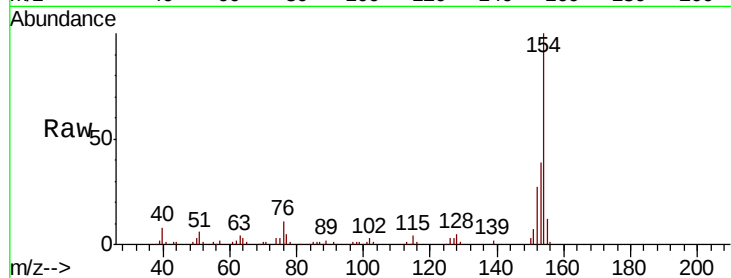




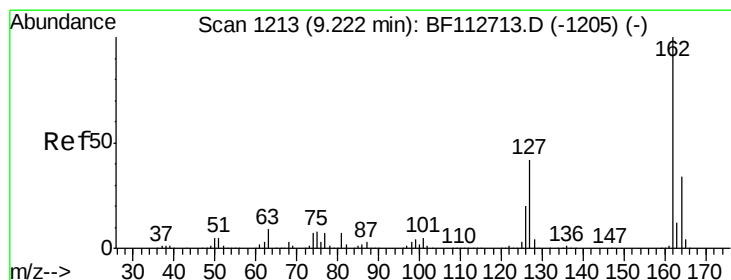
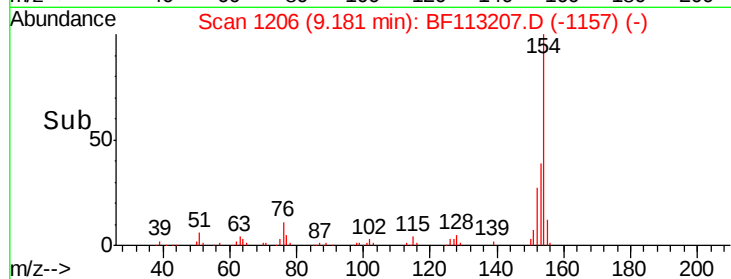
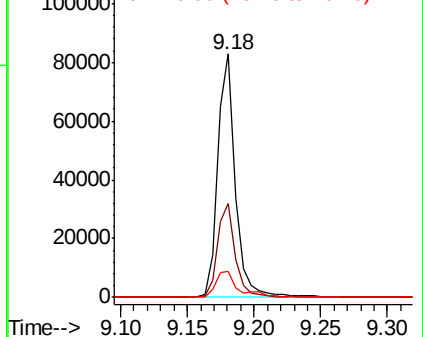
#46
 1,1'-Biphenyl
 Concen: 4.138 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:	154	Resp:	77105
Ion	Ratio	Lower	Upper
154	100		
153	38.8	20.8	60.8
76	10.8	0.0	33.8

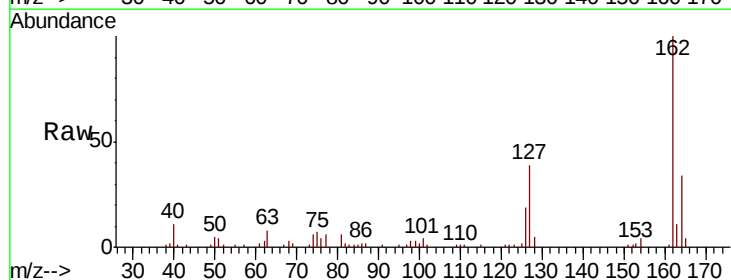


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

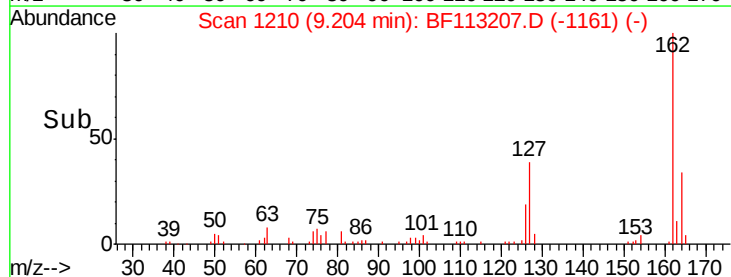
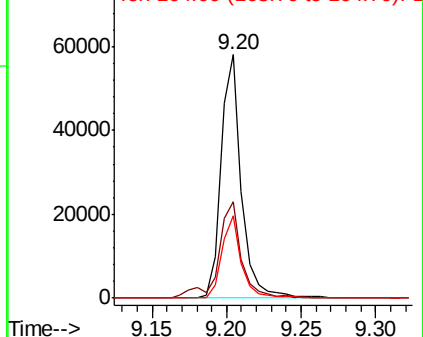


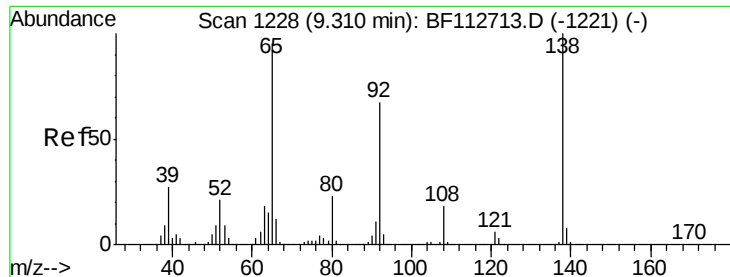
#47
 2-Chloronaphthalene
 Concen: 3.825 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion:	162	Resp:	55664
Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.4	50.2
164	33.7	26.9	40.3



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

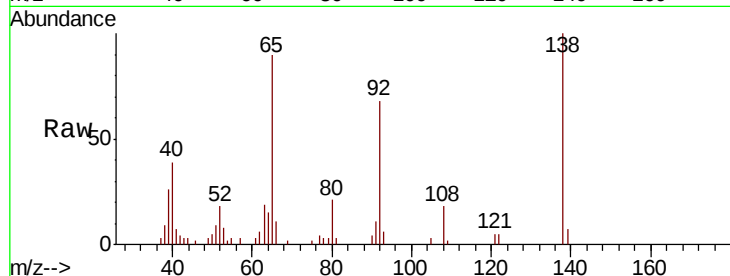




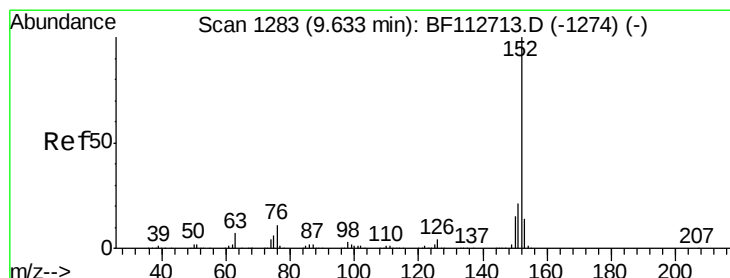
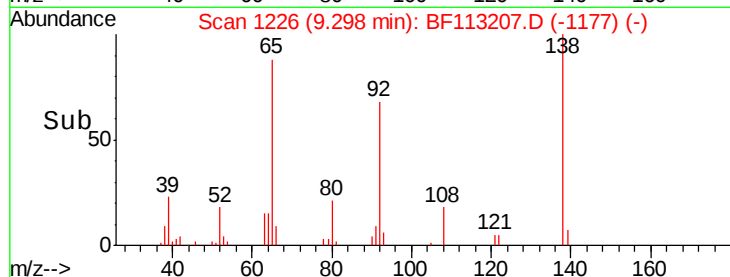
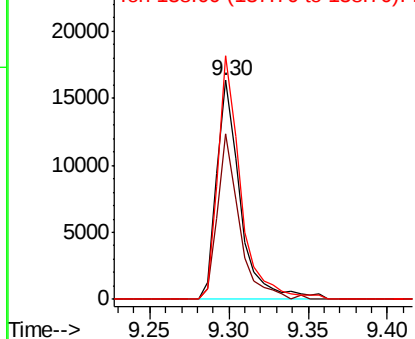
#48
2-Nitroaniline
Concen: 3.836 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 65 Resp: 16964
Ion Ratio Lower Upper
65 100
92 75.6 56.4 84.6
138 111.1 84.6 126.8

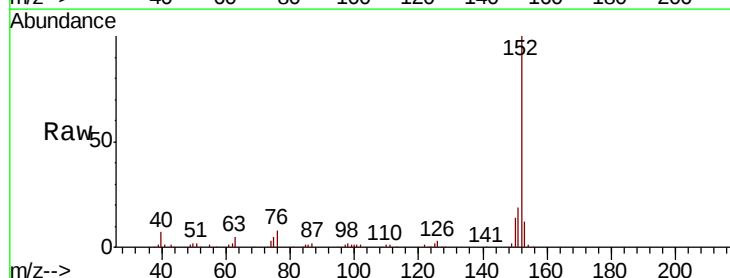


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

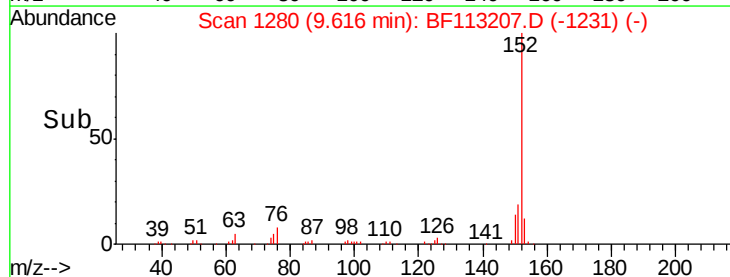
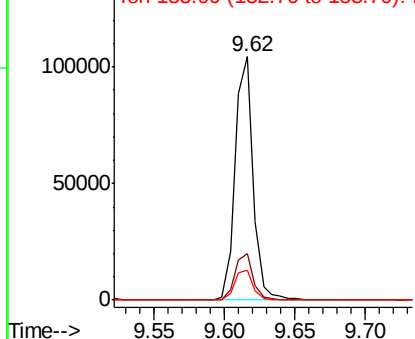


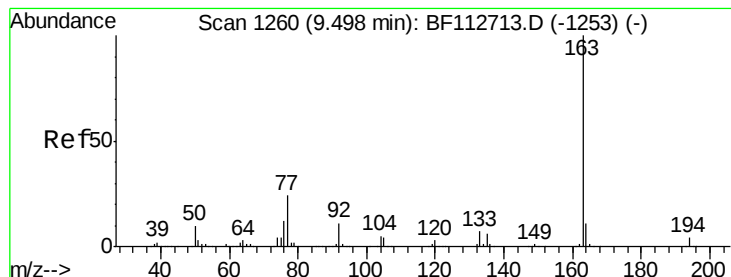
#49
Acenaphthylene
Concen: 3.748 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 152 Resp: 92594
Ion Ratio Lower Upper
152 100
151 19.1 16.9 25.3
153 12.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#50

Dimethylphthalate

Concen: 4.640 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

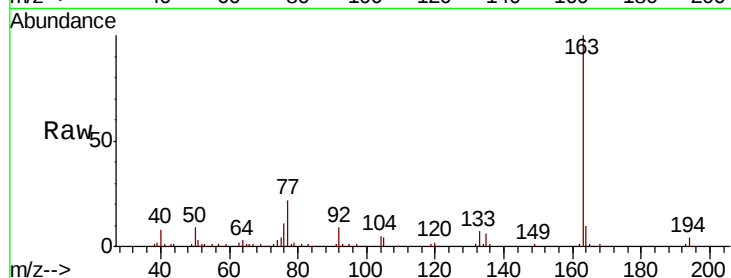
Tgt Ion:163 Resp: 78159

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

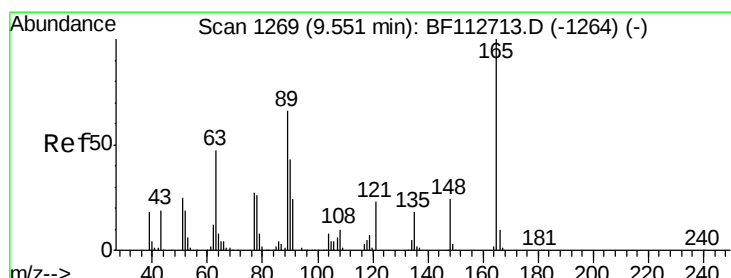
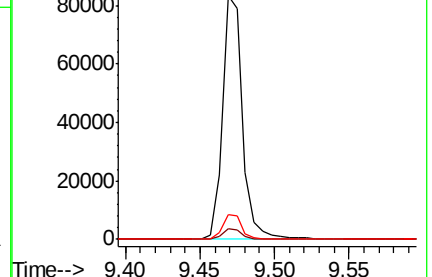
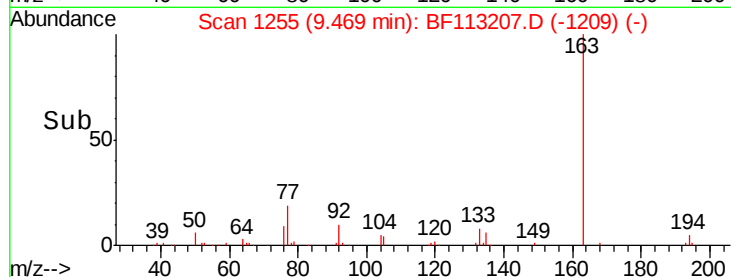
164 10.0 8.4 12.6



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: 3.782 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

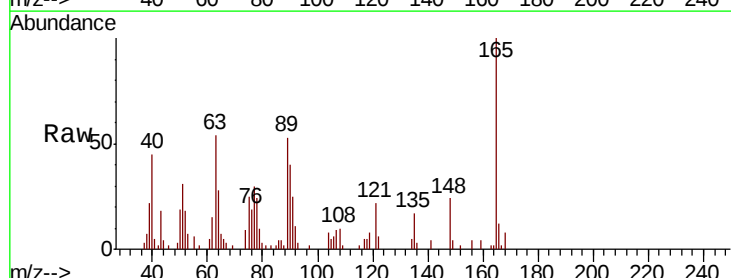
Tgt Ion:165 Resp: 13267

Ion Ratio Lower Upper

165 100

63 54.1 54.1 81.1

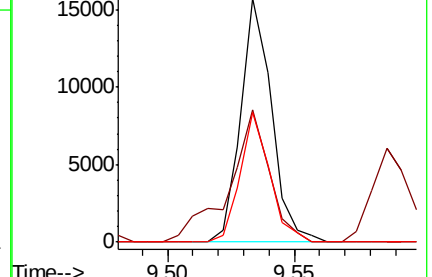
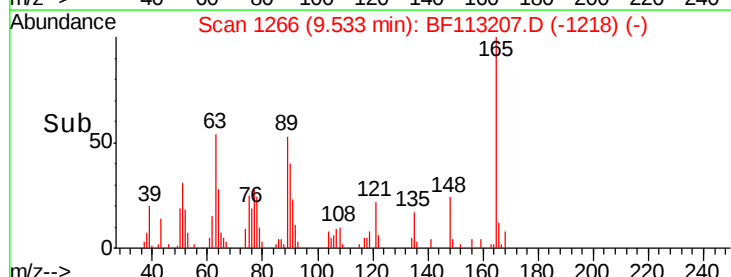
89 53.2 52.8 79.2

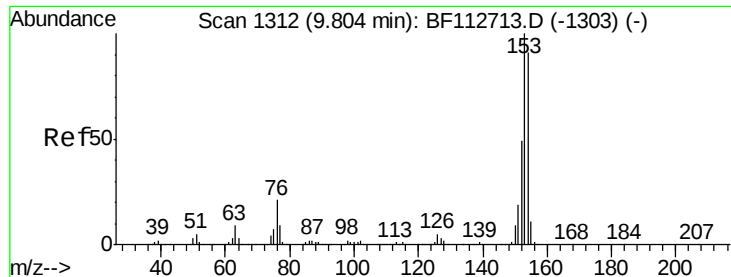


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 3.603 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

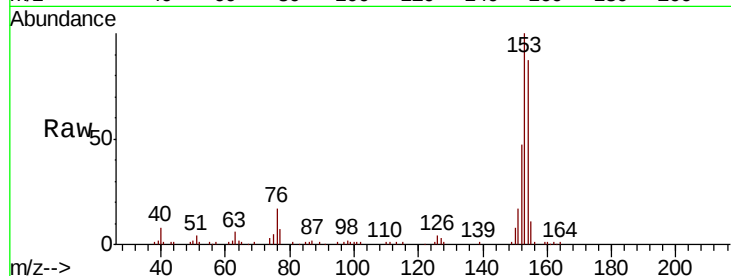
Tgt Ion:154 Resp: 52041

Ion Ratio Lower Upper

154 100

153 114.7 87.8 131.8

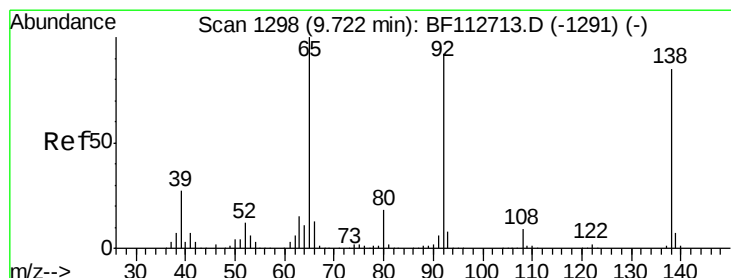
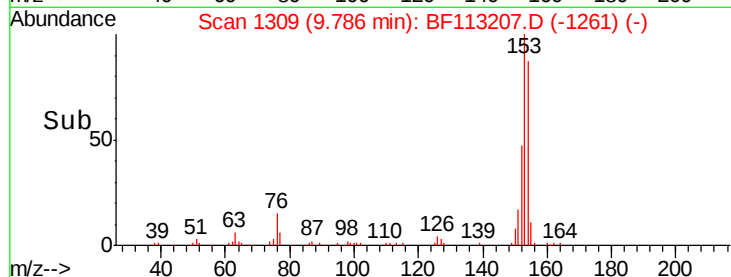
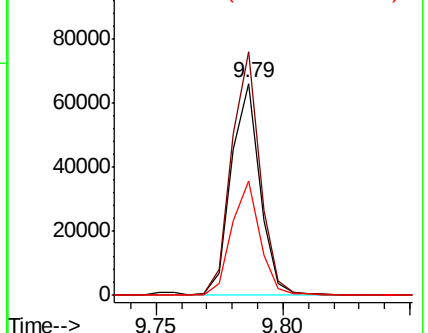
152 54.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.595 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

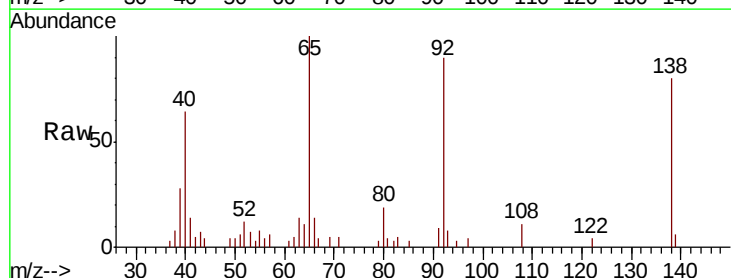
Tgt Ion:138 Resp: 11092

Ion Ratio Lower Upper

138 100

108 14.0 8.6 13.0#

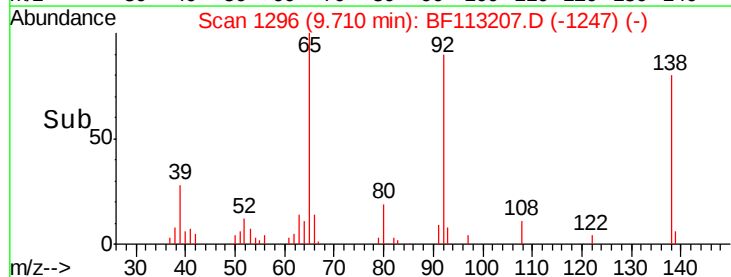
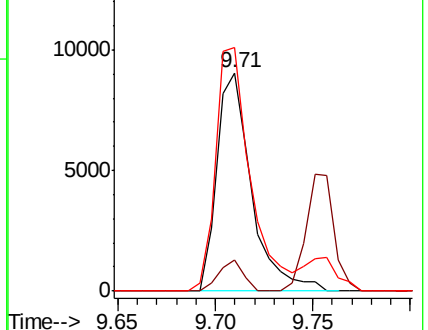
92 111.6 86.6 129.8

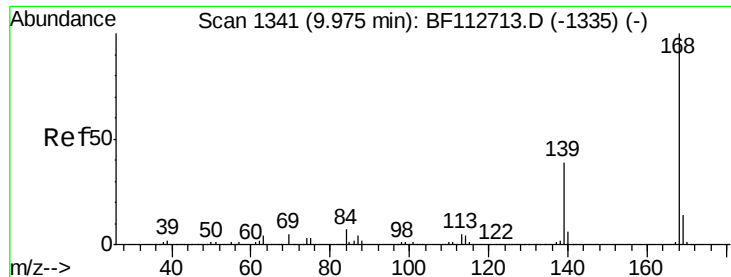


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

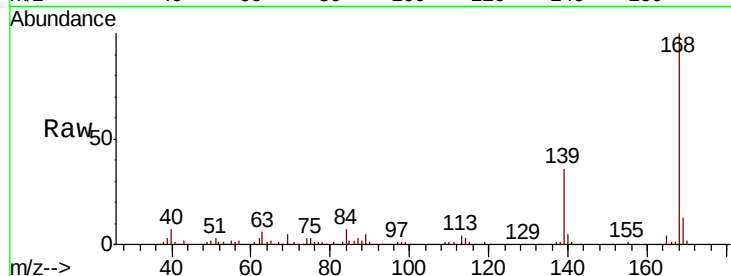




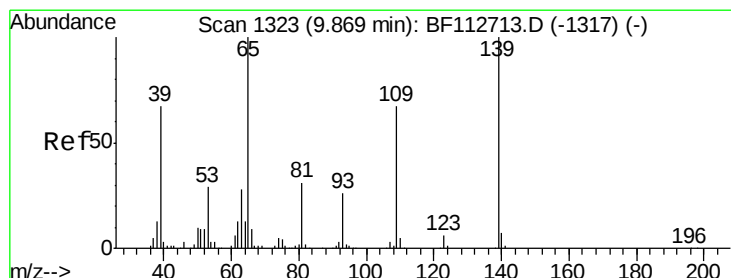
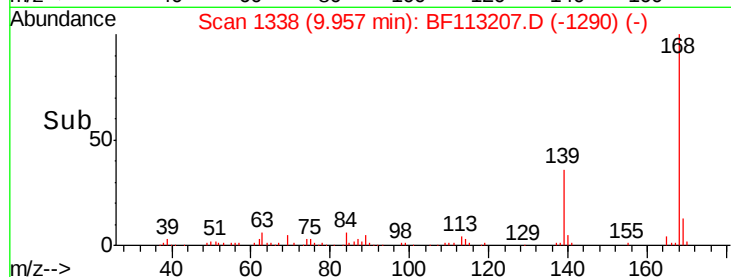
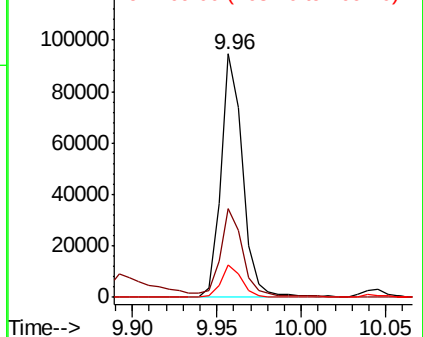
#55
Dibenzenofuran
Concen: 4.038 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion:168 Resp: 84771
Ion Ratio Lower Upper
168 100
139 36.2 31.3 46.9
169 13.2 11.3 16.9

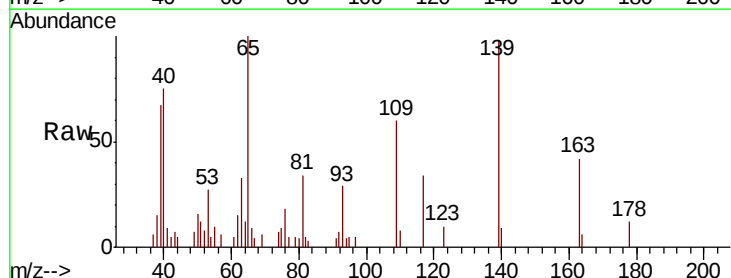


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

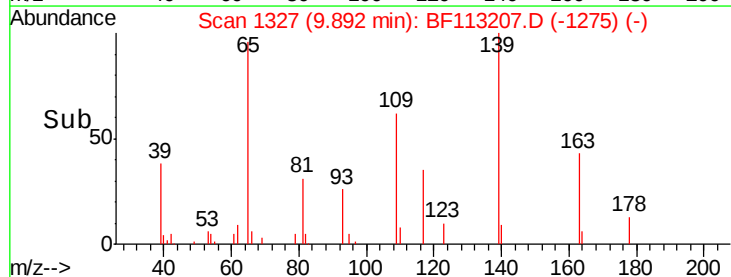
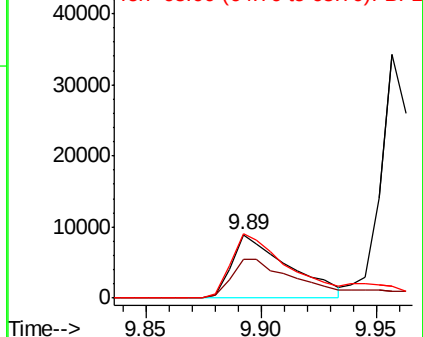


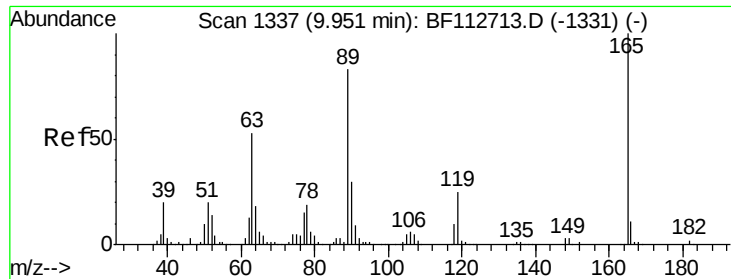
#56
4-Nitrophenol
Concen: 4.369 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:139 Resp: 15177
Ion Ratio Lower Upper
139 100
109 61.7 46.8 86.8
65 102.4 80.7 120.7



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

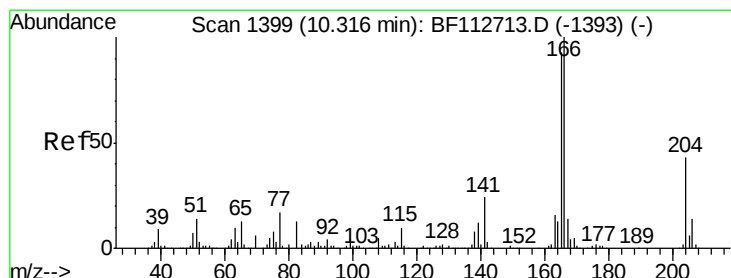
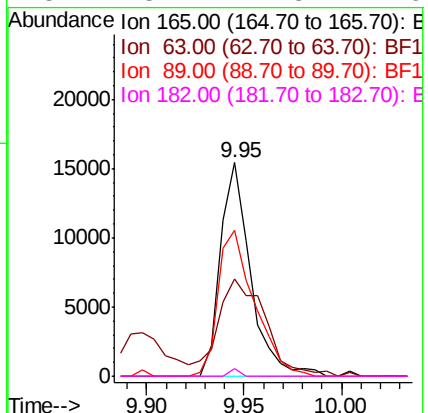
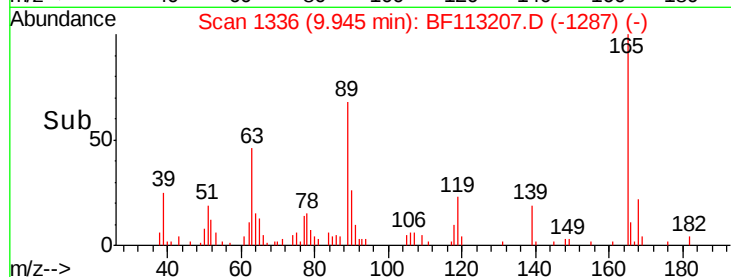
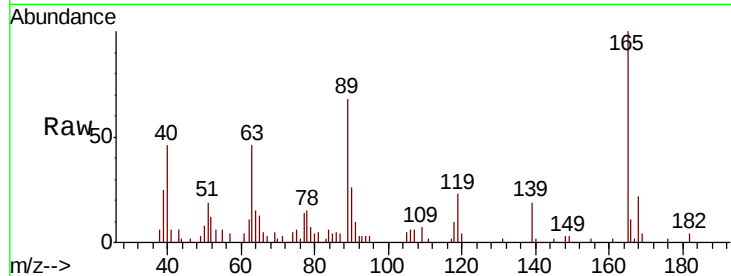




#57
2,4-Dinitrotoluene
Concen: 3.793 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

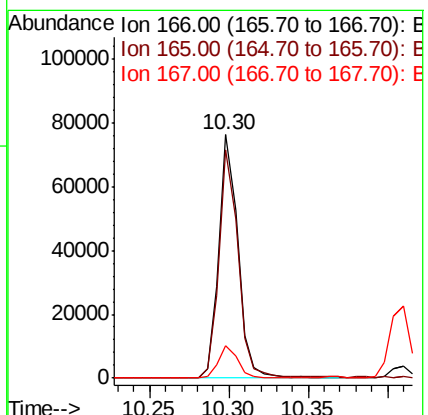
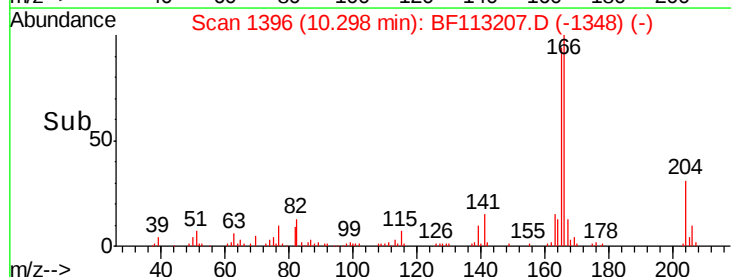
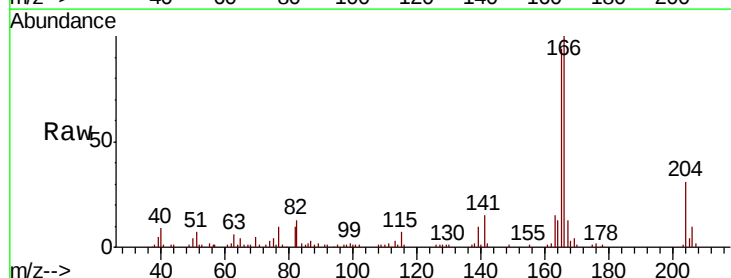
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

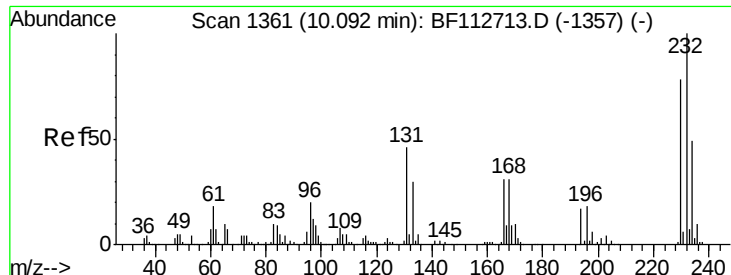
Tgt Ion:165 Resp: 16541
Ion Ratio Lower Upper
165 100
63 45.9 42.2 63.2
89 68.4 66.2 99.4
182 3.7 1.8 2.6#



#58
Fluorene
Concen: 4.294 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:166 Resp: 63981
Ion Ratio Lower Upper
166 100
165 93.6 74.7 112.1
167 13.2 11.0 16.6

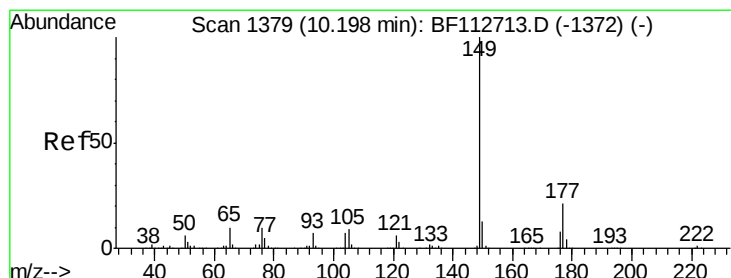
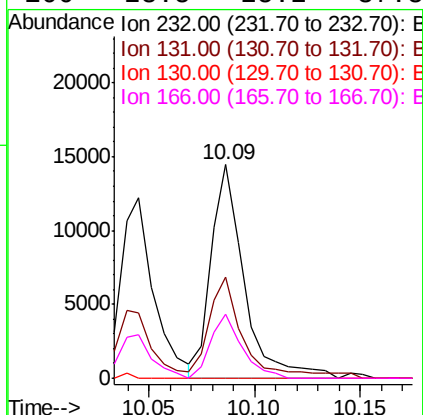
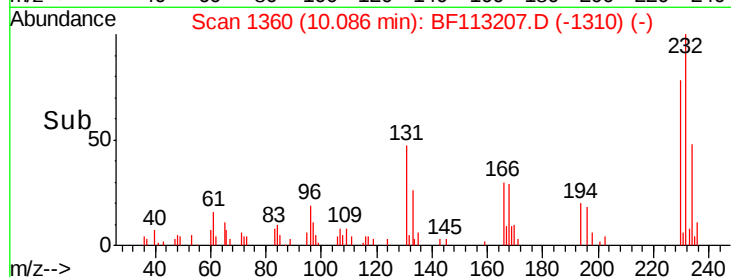
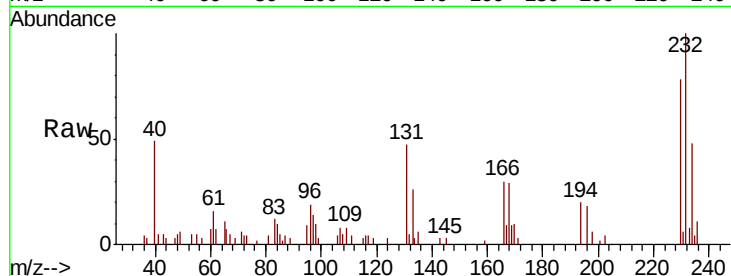




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.819 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

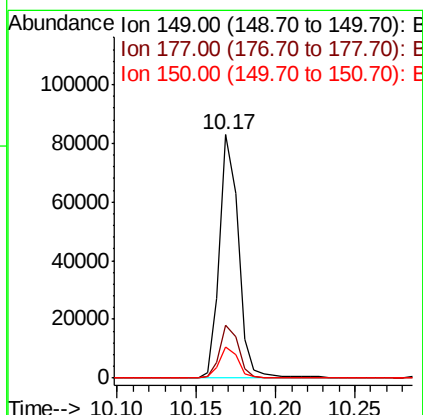
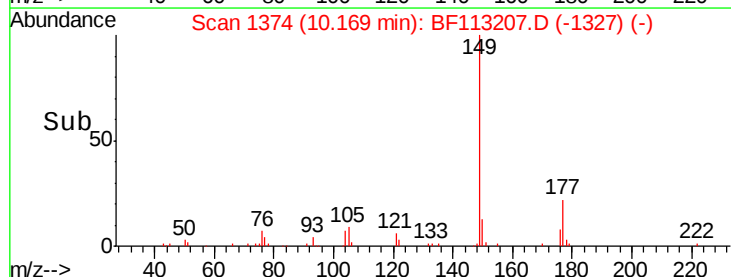
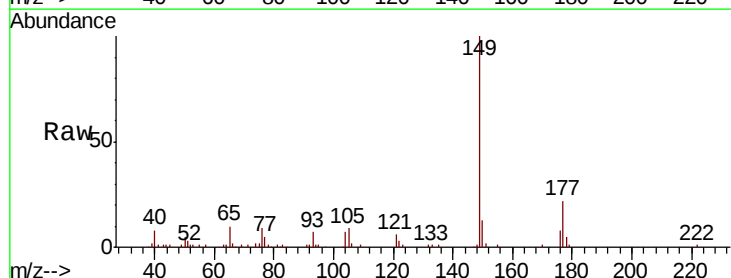
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

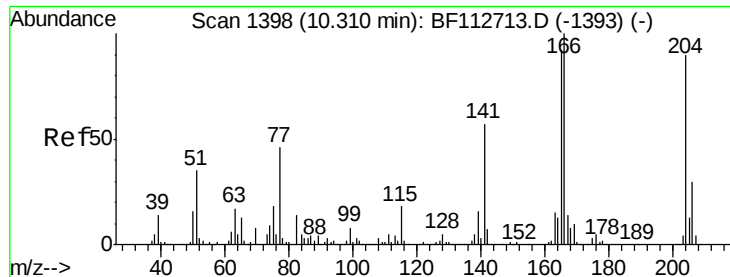
Tgt Ion: 232 Resp: 15767
 Ion Ratio Lower Upper
 232 100
 131 49.6 38.7 58.1
 130 0.0 1.9 2.9#
 166 28.5 25.2 37.8



#60
 Diethylphthalate
 Concen: 3.880 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion: 149 Resp: 69039
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.0 25.6
 150 12.5 10.0 15.0

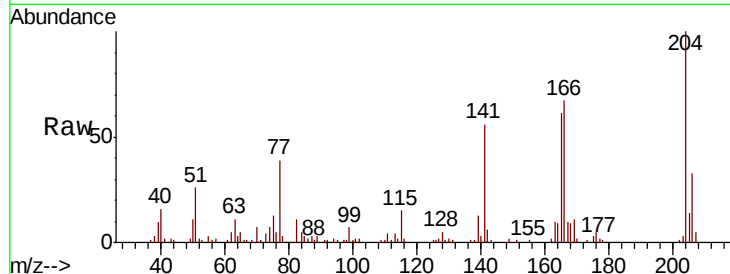




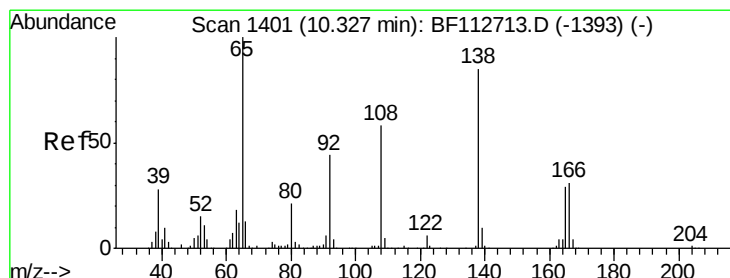
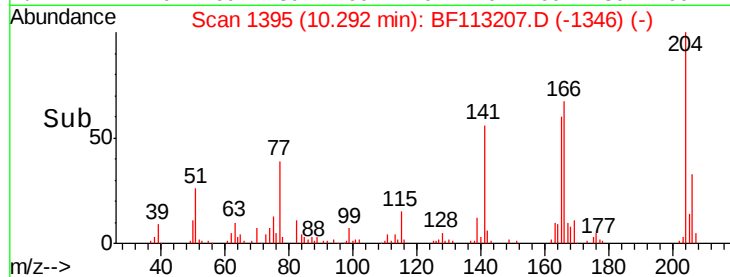
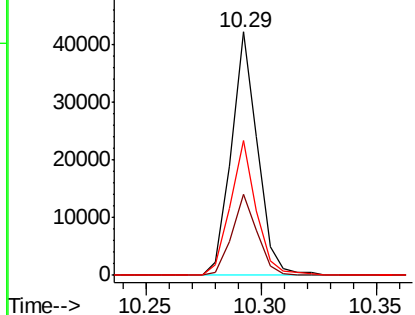
#61
 4-Chlorophenyl-phenylether
 Concen: 4.806 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion: 204 Resp: 33323
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 40.0
 141 55.5 50.8 76.2

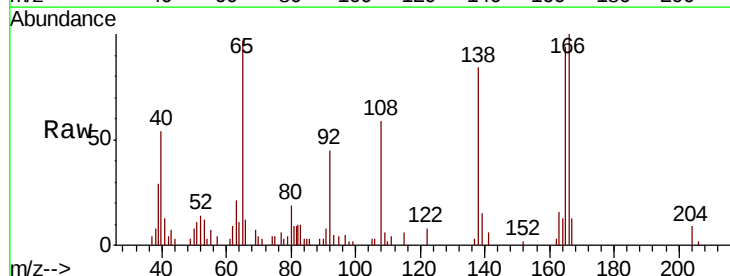


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

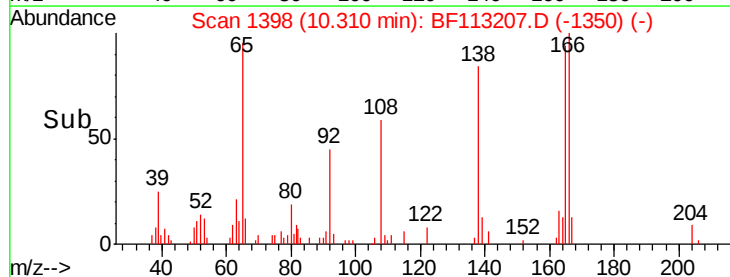
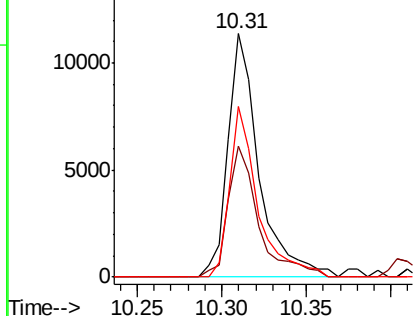


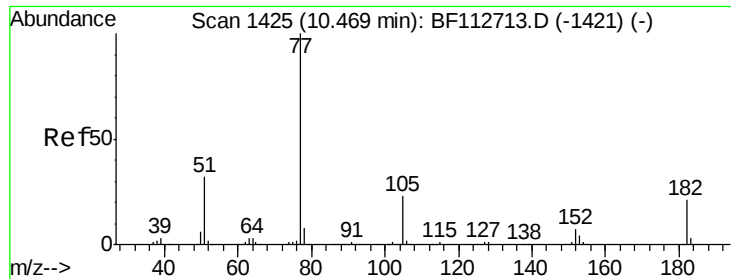
#62
 4-Nitroaniline
 Concen: 3.672 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion: 138 Resp: 14503
 Ion Ratio Lower Upper
 138 100
 92 53.9 31.3 71.3
 108 70.3 48.1 88.1



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

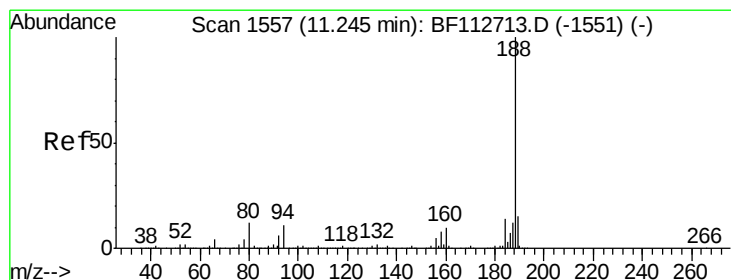
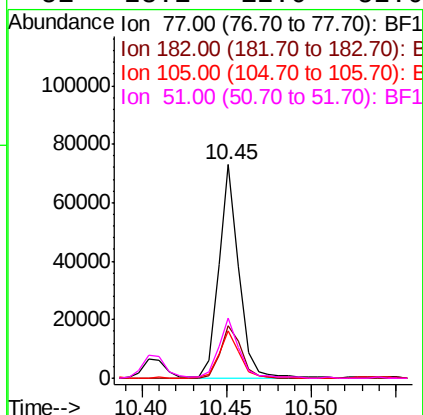
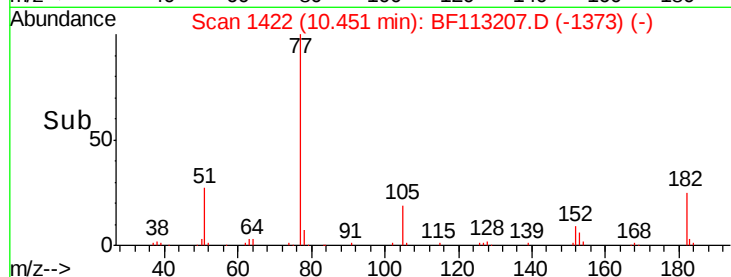
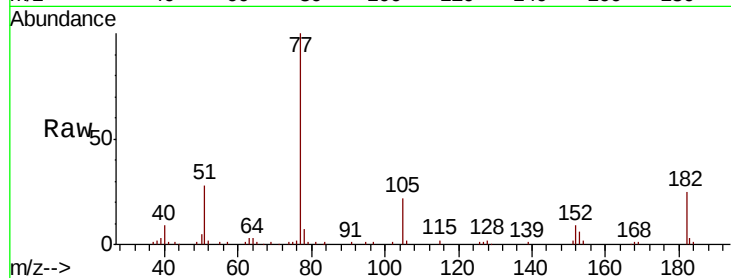




#63
Azobenzene
Concen: 3.342 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

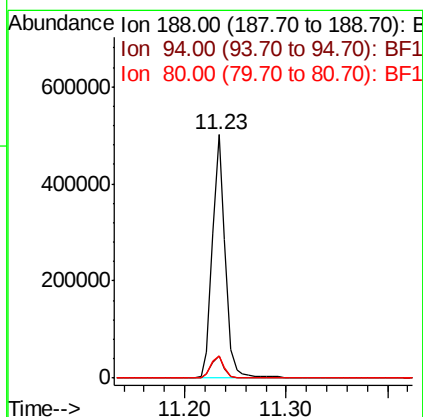
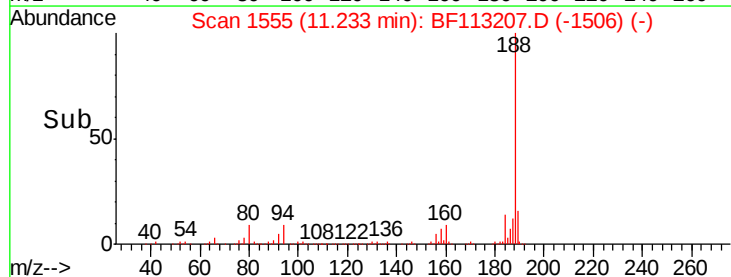
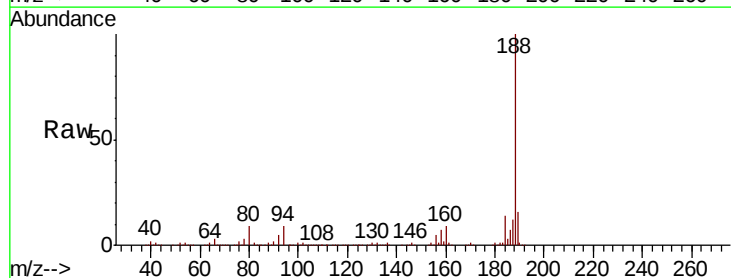
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

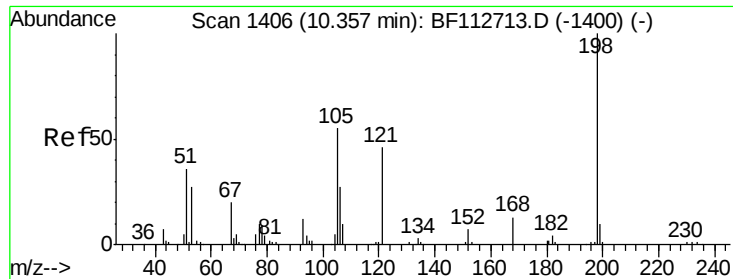
Tgt Ion: 77 Resp: 60909
Ion Ratio Lower Upper
77 100
182 24.8 1.4 41.4
105 22.4 2.6 42.6
51 28.1 12.0 52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 188 Resp: 442060
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.4 9.2 13.8

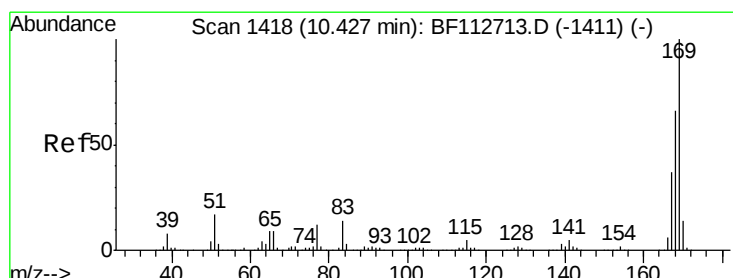
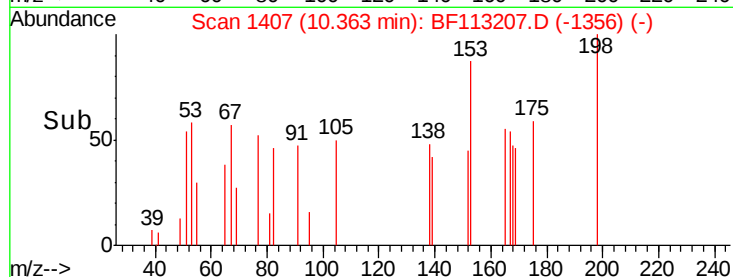
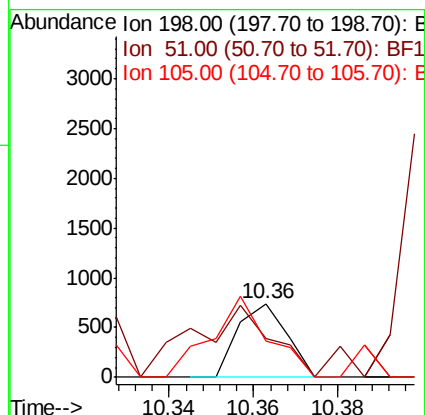
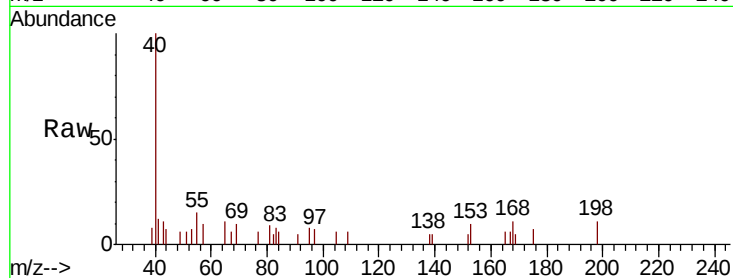




#65
4,6-Dinitro-2-methylphenol
Concen: 4.908 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

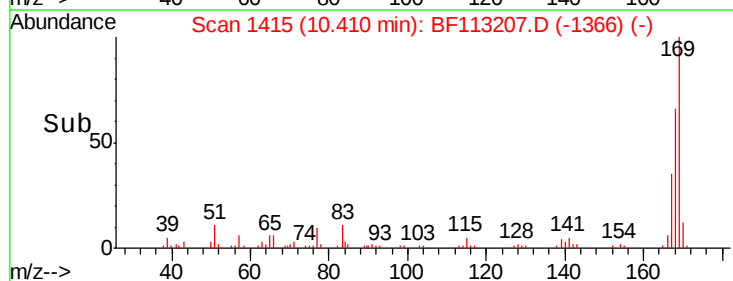
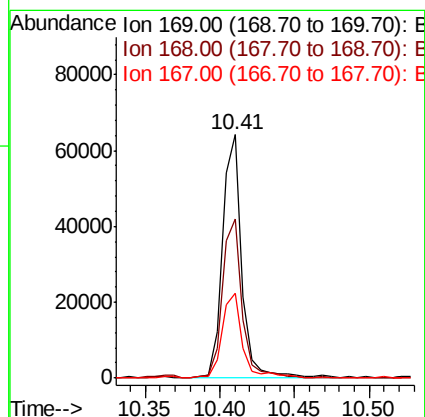
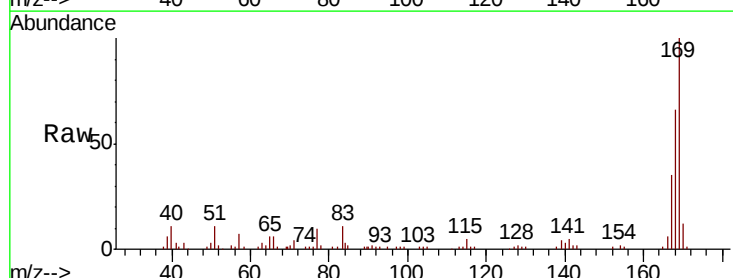
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

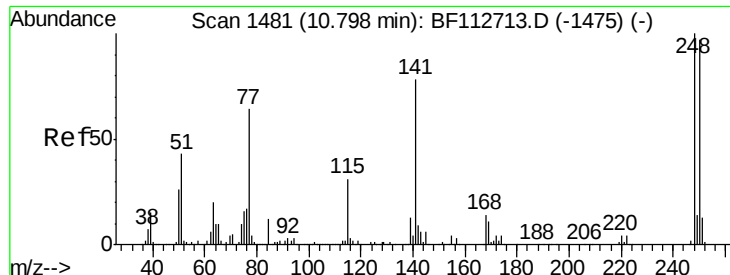
Tgt Ion:198 Resp: 593
Ion Ratio Lower Upper
198 100
51 53.6 43.8 83.8
105 49.7 36.5 76.5



#66
n-Nitrosodiphenylamine
Concen: 4.132 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:169 Resp: 58577
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.6
167 34.9 29.3 43.9

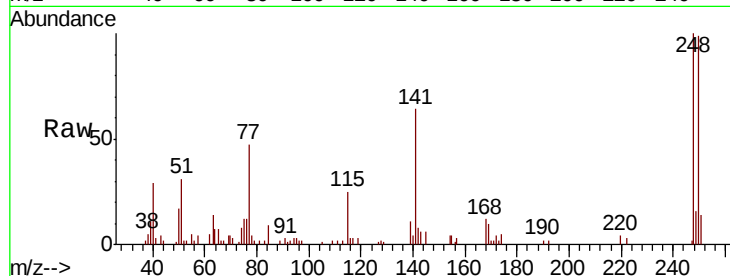




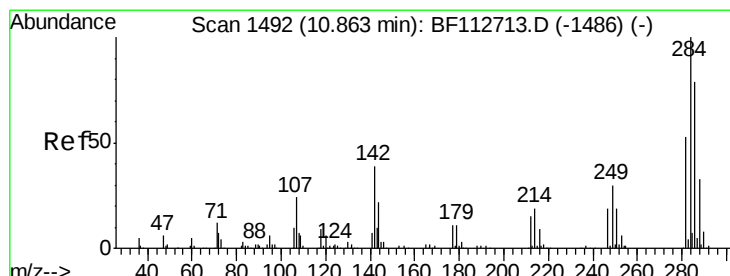
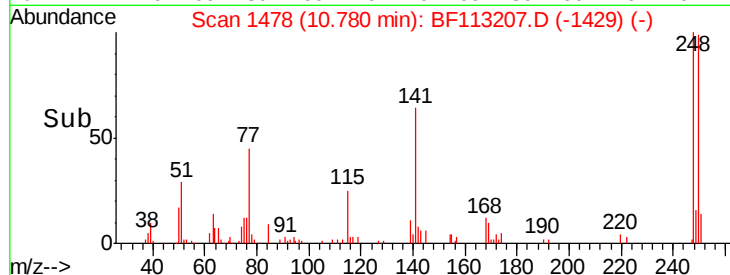
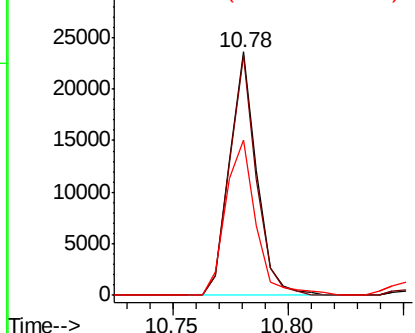
#67
4-Bromophenyl-phenylether
Concen: 4.171 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion:248 Resp: 19420
Ion Ratio Lower Upper
248 100
250 98.5 77.5 116.3
141 63.7 62.4 93.6

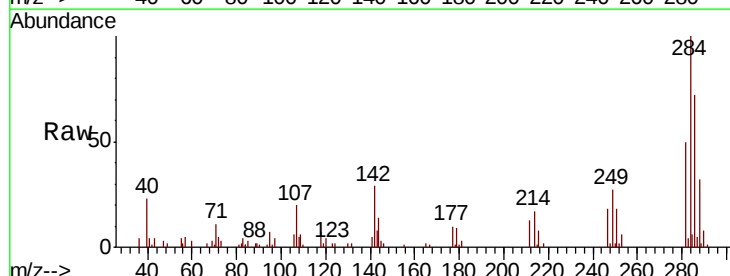


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

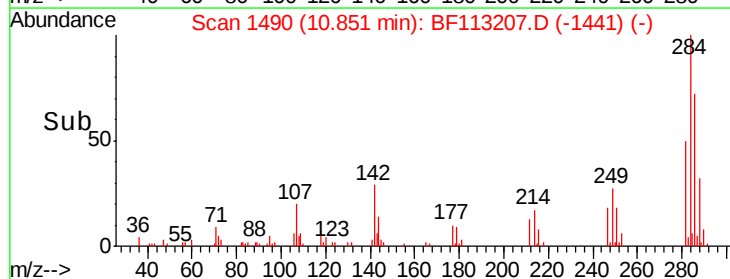
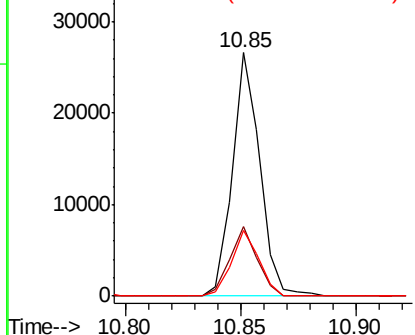


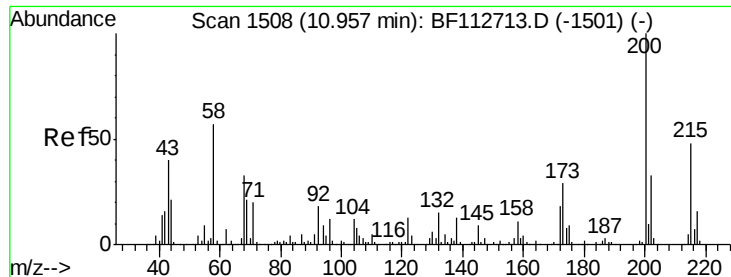
#68
Hexachlorobenzene
Concen: 4.195 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:284 Resp: 22016
Ion Ratio Lower Upper
284 100
142 28.7 31.0 46.6#
249 26.8 23.6 35.4



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

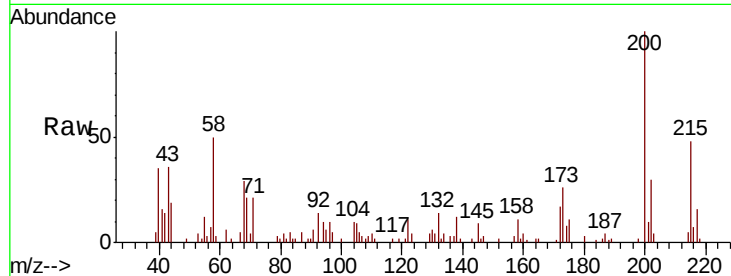




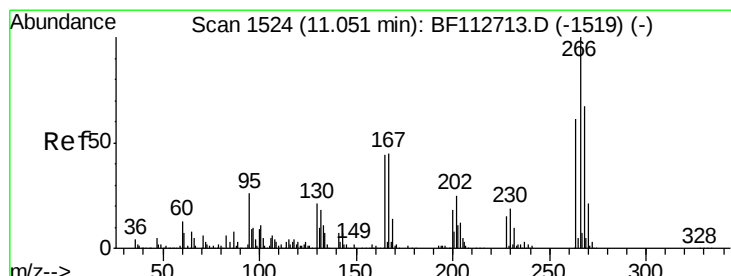
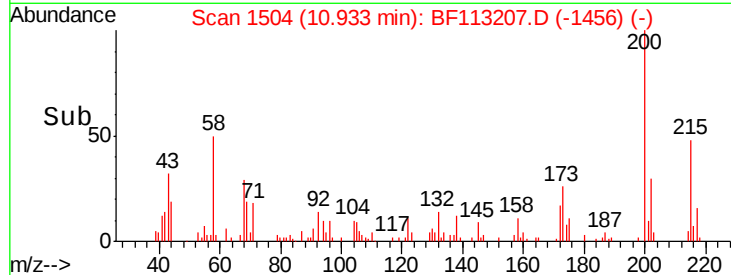
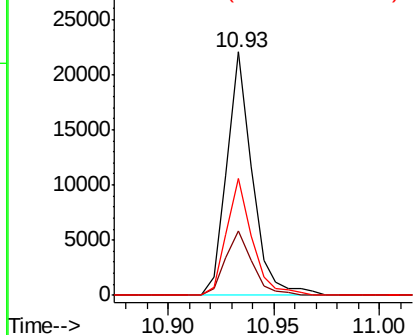
#69
Atrazine
Concen: 4.251 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	9.1	49.1
215	47.8	28.2	68.2

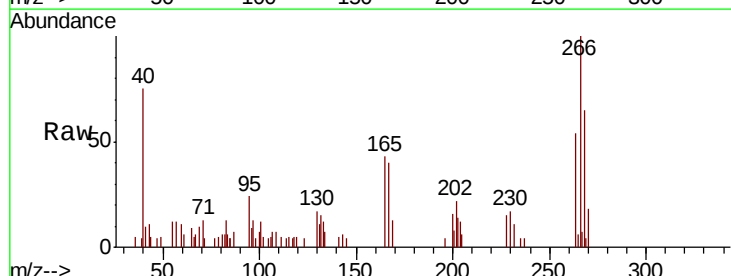


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

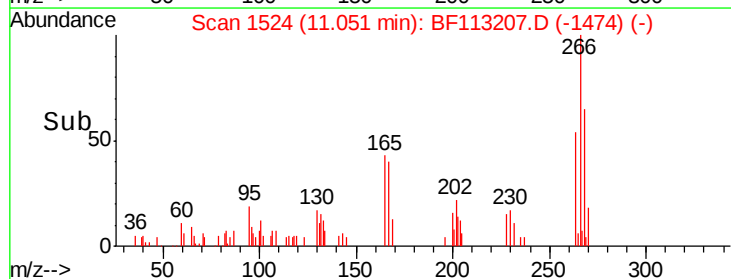
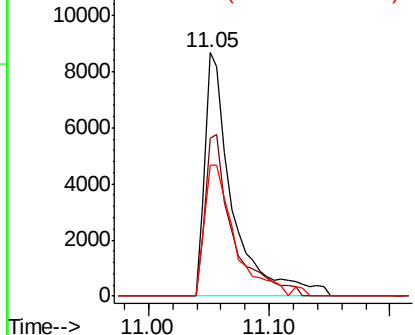


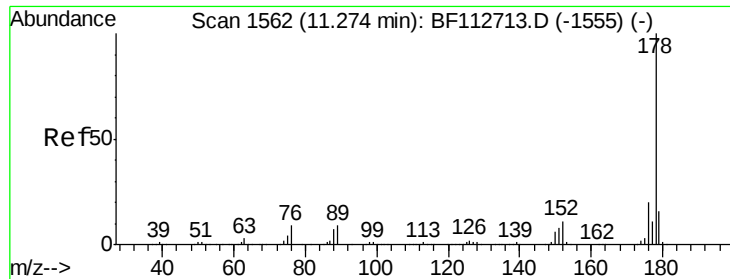
#70
Pentachlorophenol
Concen: 4.420 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	53.3	79.9
264	59.6	48.9	73.3



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

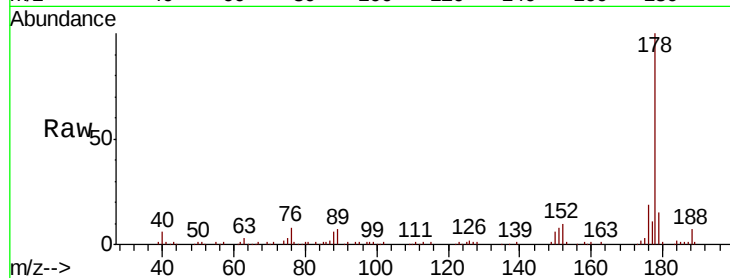




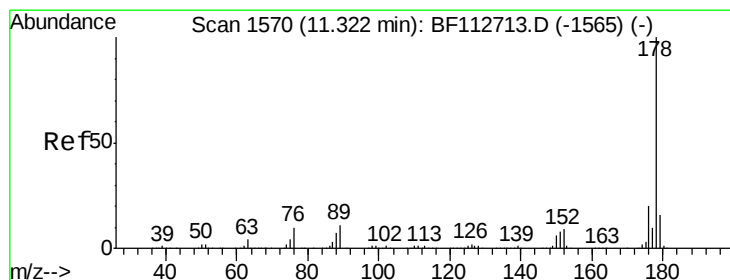
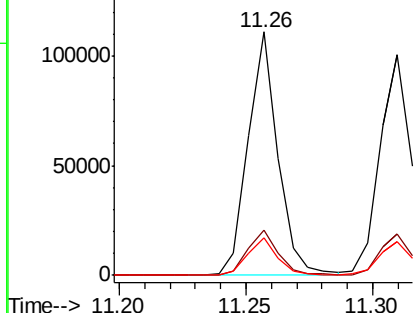
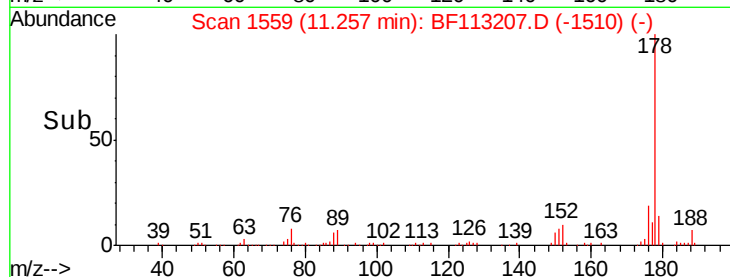
#71
 Phenanthrene
 Concen: 4.149 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:178 Resp: 91262
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.3 24.5
 179 15.2 12.7 19.1

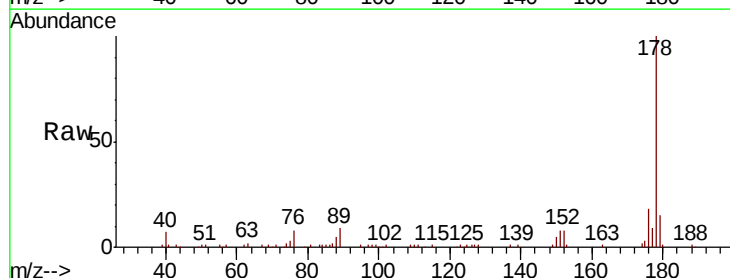


Abundance Ion 178.00 (177.70 to 178.70): E
 150000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

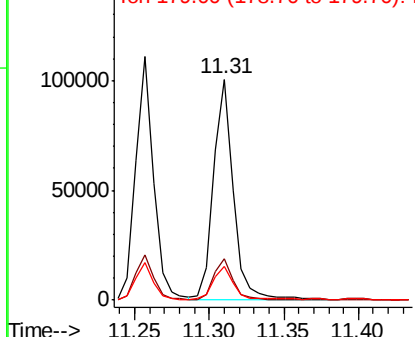
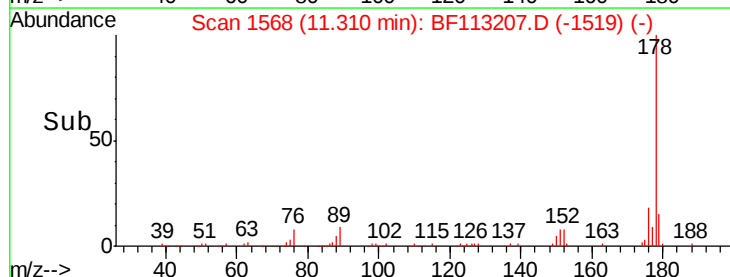


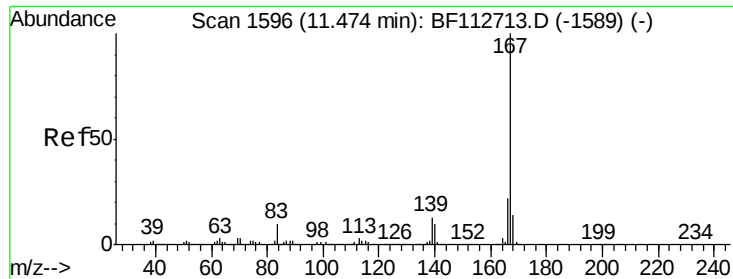
#72
 Anthracene
 Concen: 4.004 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion:178 Resp: 92194
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.6
 179 15.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 150000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

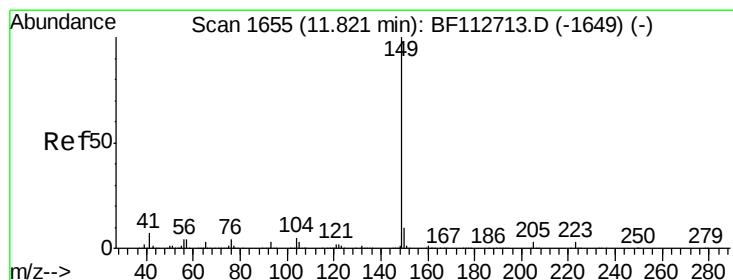
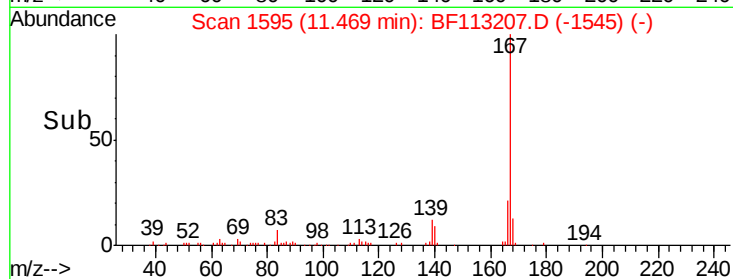
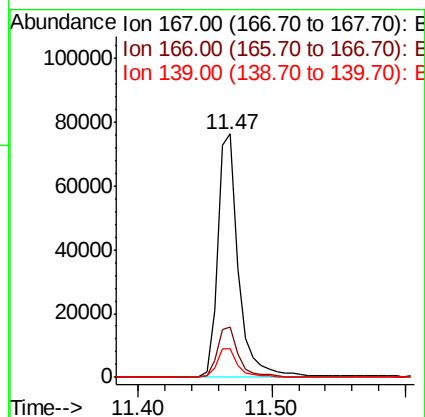
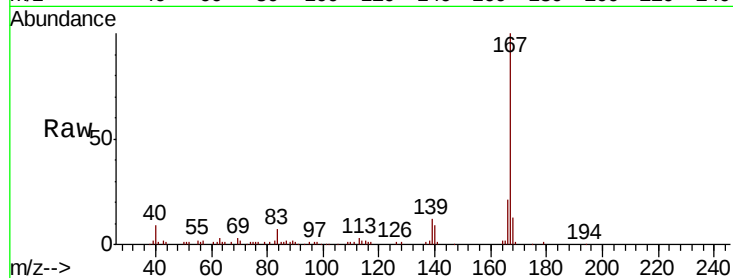




#73
 Carbazole
 Concen: 3.753 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

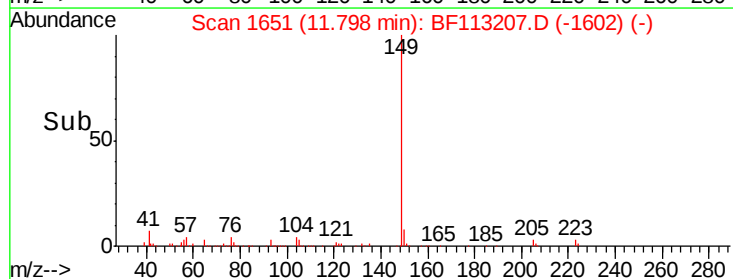
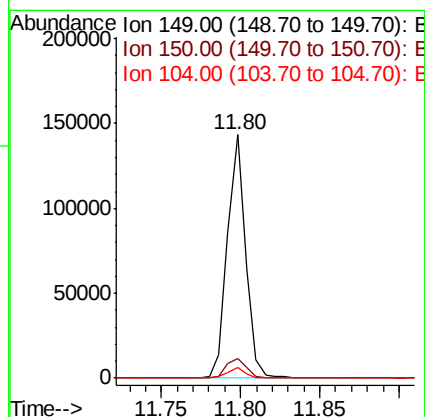
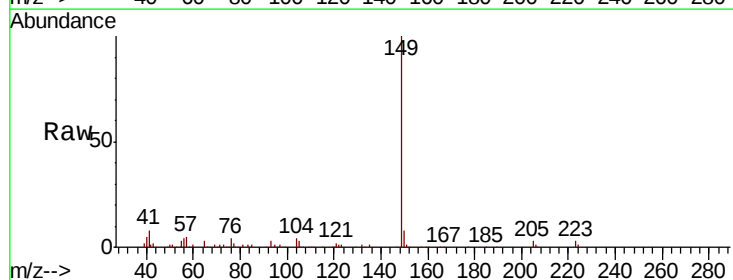
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

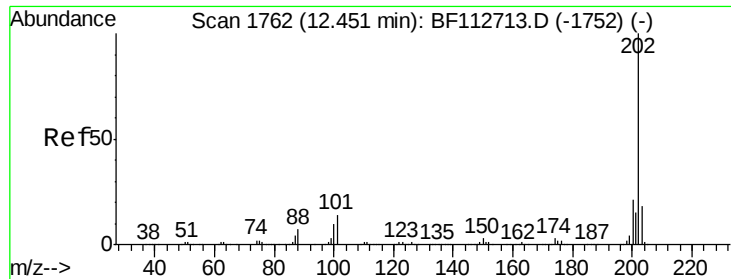
Tgt Ion:167 Resp: 84287
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.5 26.3
 139 12.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 4.239 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion:149 Resp: 114169
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.6 11.4
 104 4.1 3.7 5.5





#75

Fluoranthene

Concen: 4.088 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

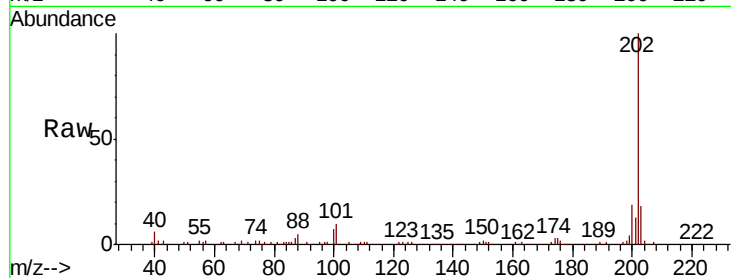
Tgt Ion: 202 Resp: 96340

Ion Ratio Lower Upper

202 100

101 9.6 0.0 33.8

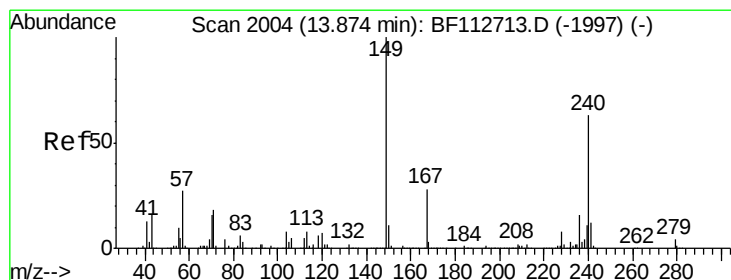
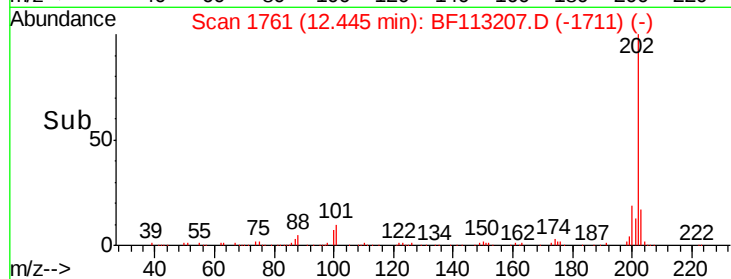
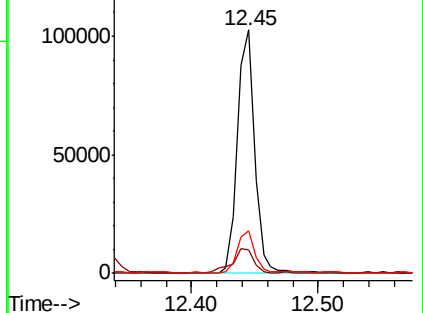
203 17.6 0.0 38.4



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

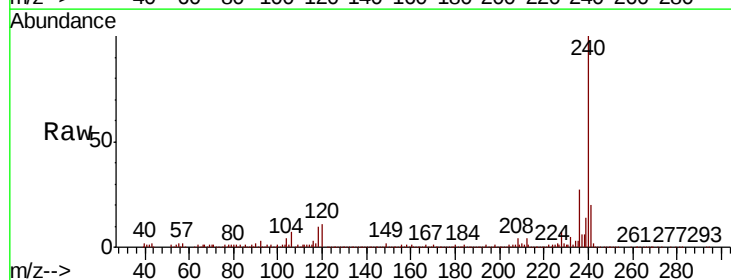
Tgt Ion: 240 Resp: 346272

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

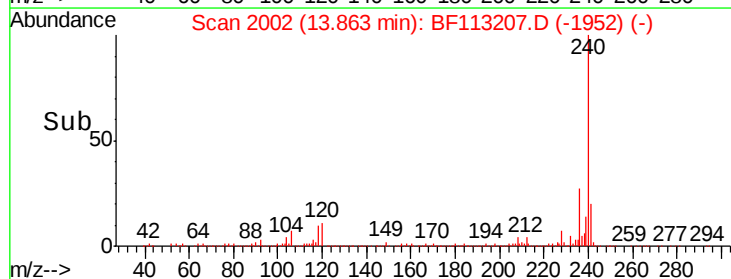
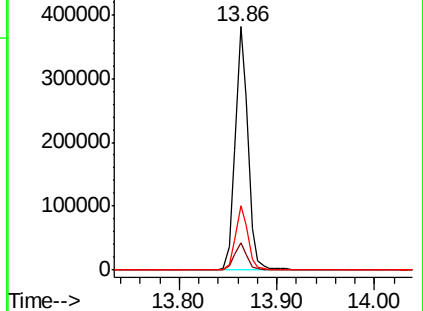
236 26.7 20.7 31.1

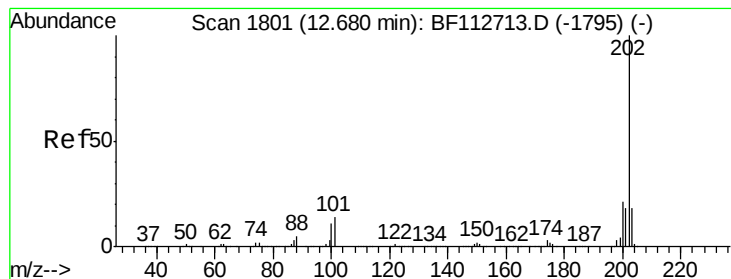


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 3.294 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

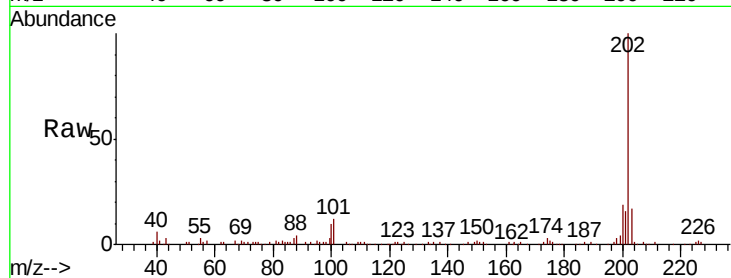
Tgt Ion: 202 Resp: 96157

Ion Ratio Lower Upper

202 100

200 19.3 17.0 25.4

203 17.5 14.4 21.6

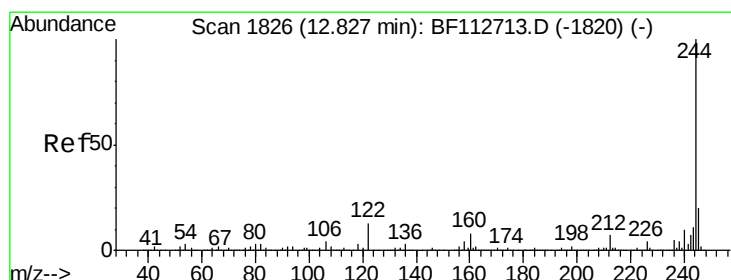
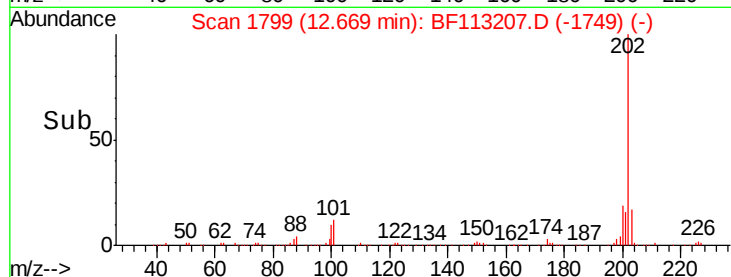
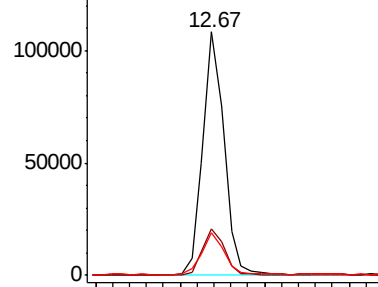


Abundance

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: 7.471 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

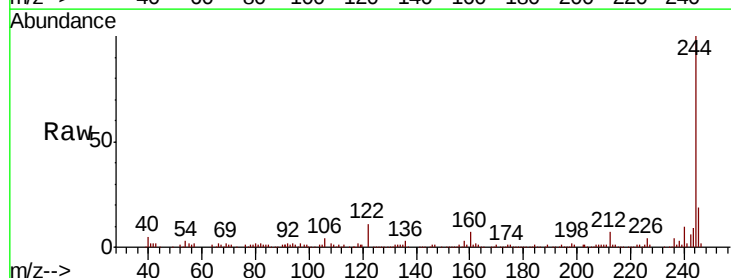
Tgt Ion: 244 Resp: 133446

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.3 10.5 15.7

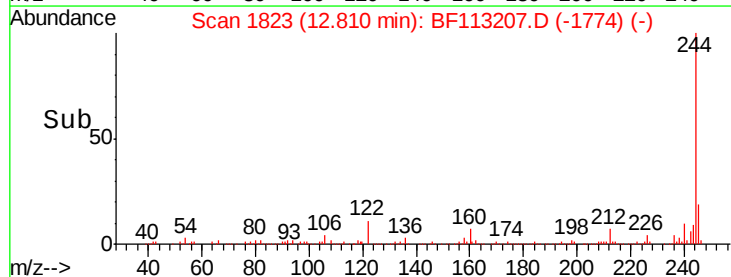
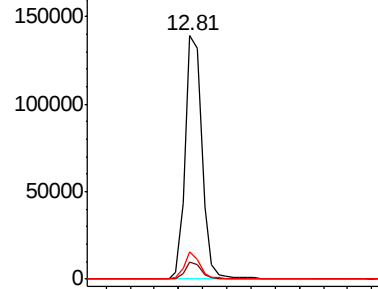


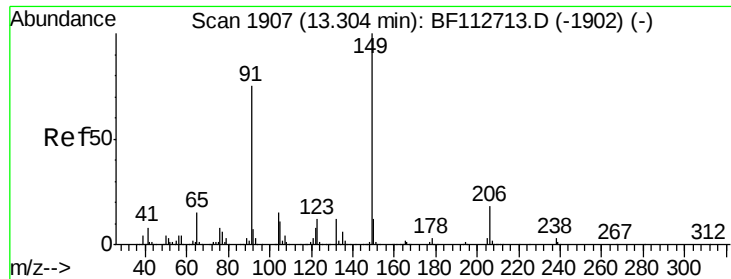
Abundance

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: 3.281 ng

RT: 13.29 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

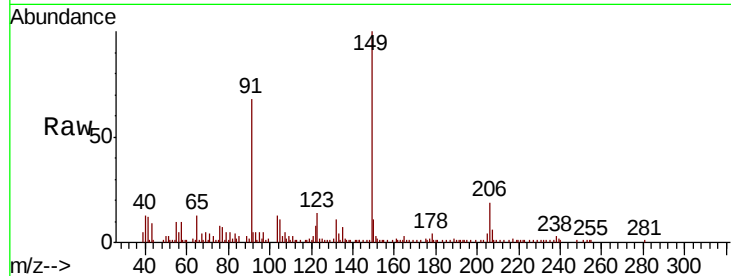
Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

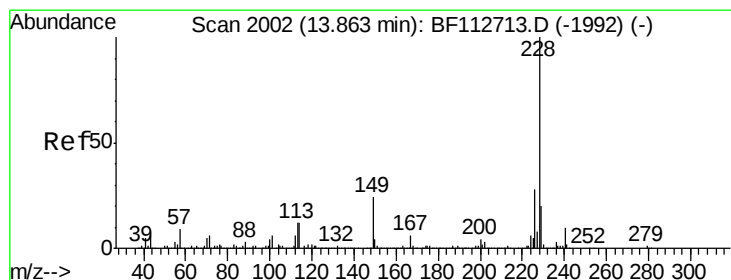
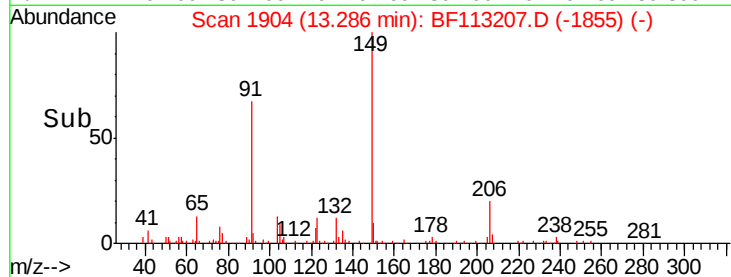
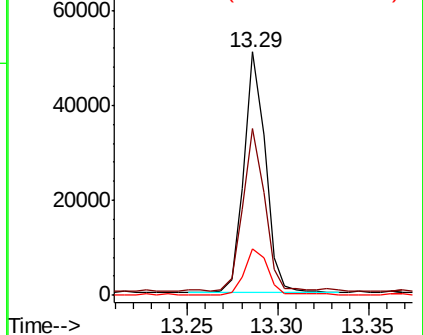
Tgt Ion:	149	Resp:	42283
Ion	Ratio	Lower	Upper
149	100		
91	68.3	59.9	89.9
206	19.1	14.7	22.1



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: 3.417 ng

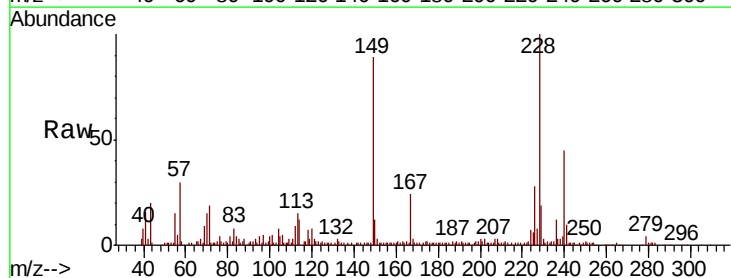
RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

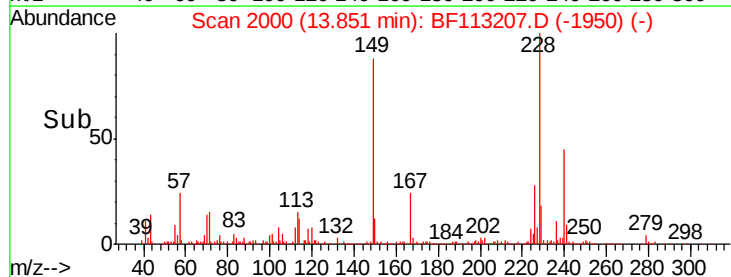
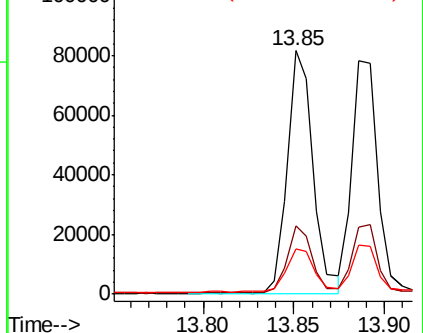
Tgt Ion:	228	Resp:	82010
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.4
229	18.8	16.0	24.0

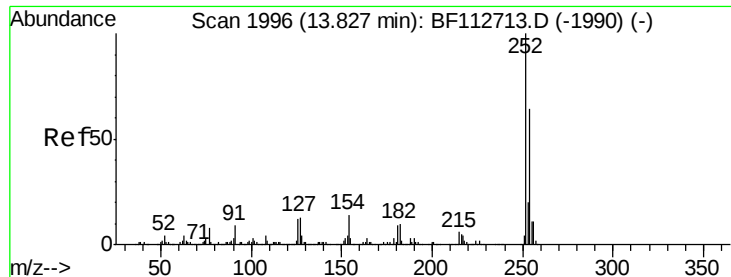


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 2.168 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

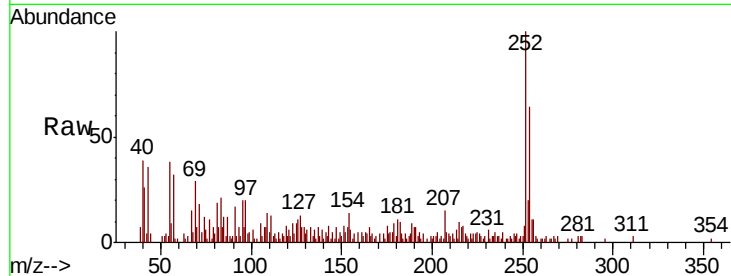
Tgt Ion:252 Resp: 19675

Ion Ratio Lower Upper

252 100

254 63.6 51.1 76.7

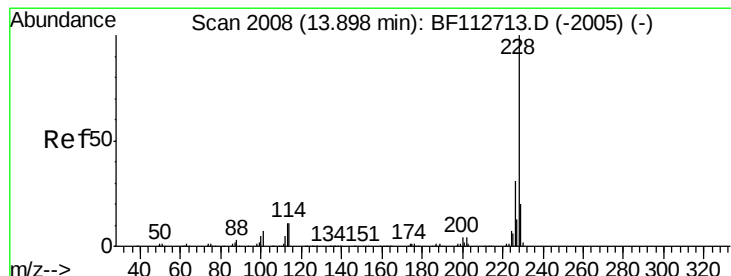
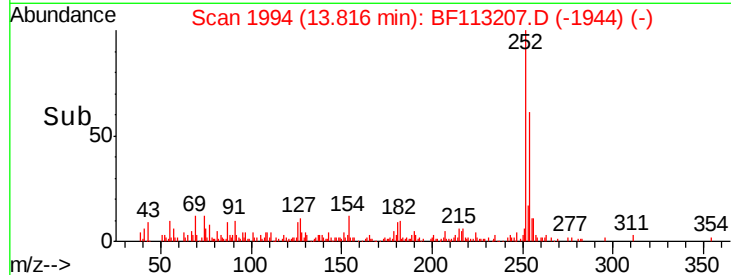
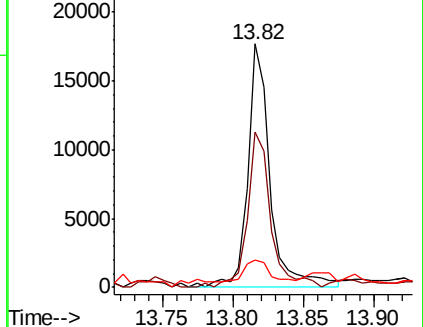
126 11.1 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 3.313 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

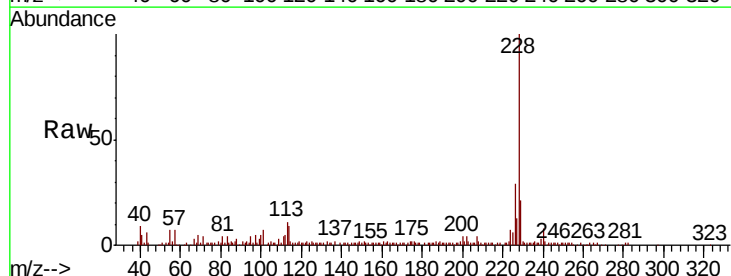
Tgt Ion:228 Resp: 77881

Ion Ratio Lower Upper

228 100

226 28.9 24.9 37.3

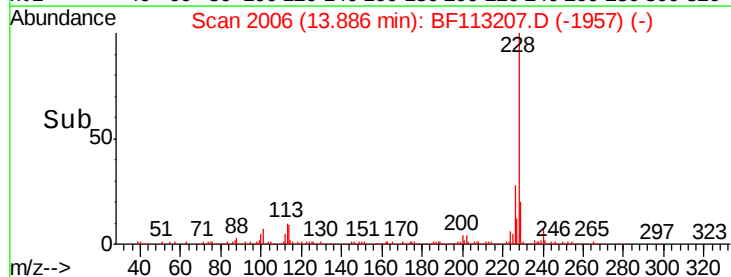
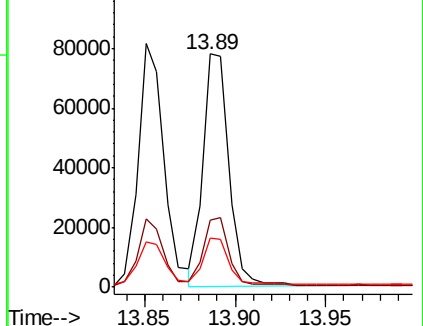
229 21.2 16.3 24.5

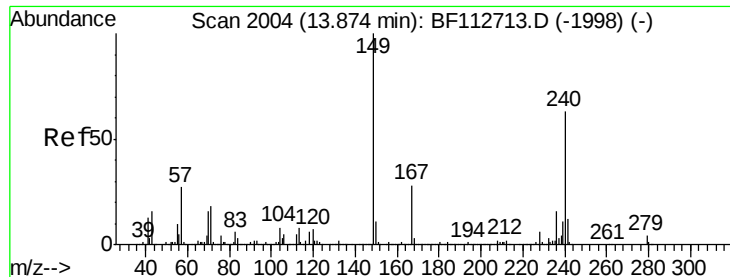


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.092 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

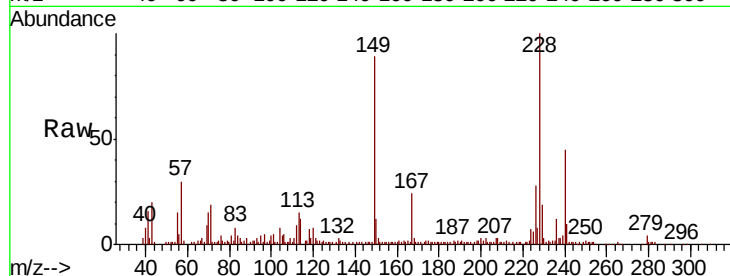
Tgt Ion:149 Resp: 61846

Ion Ratio Lower Upper

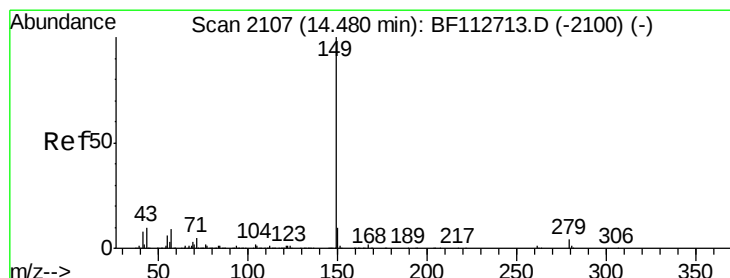
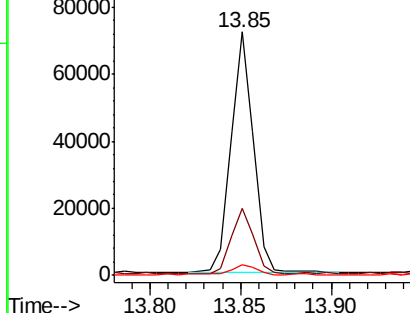
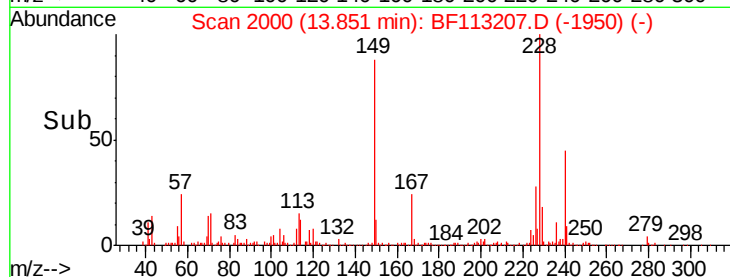
149 100

167 27.4 22.4 33.6

279 4.3 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 3.908 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

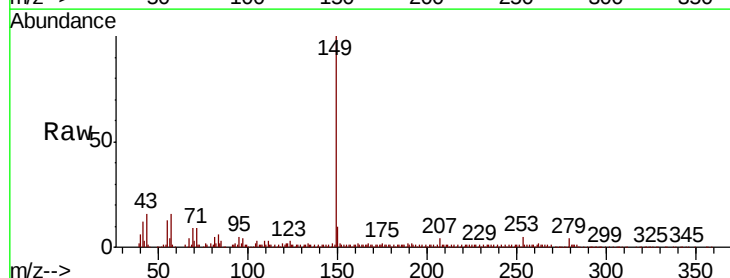
Tgt Ion:149 Resp: 101411

Ion Ratio Lower Upper

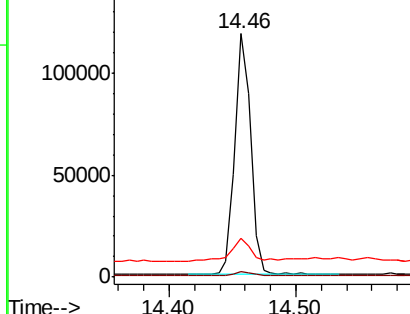
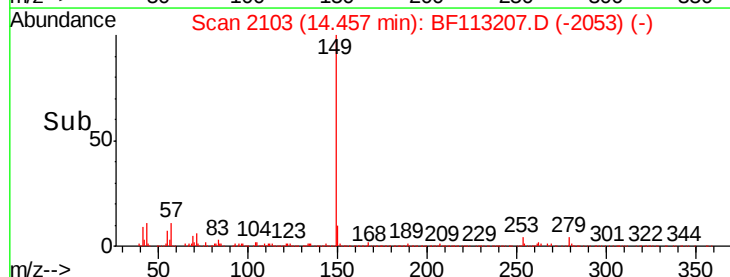
149 100

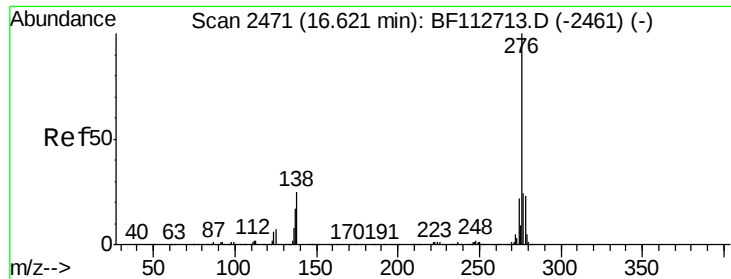
167 2.1 1.2 1.8#

43 13.3 9.0 13.4



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

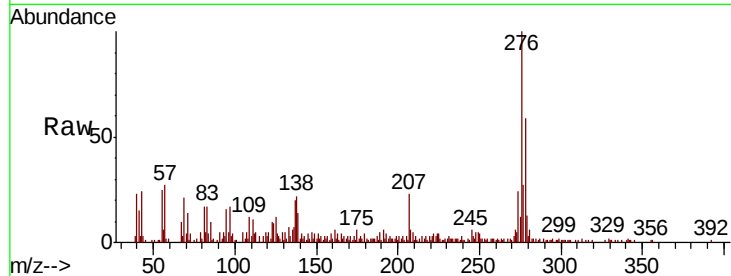




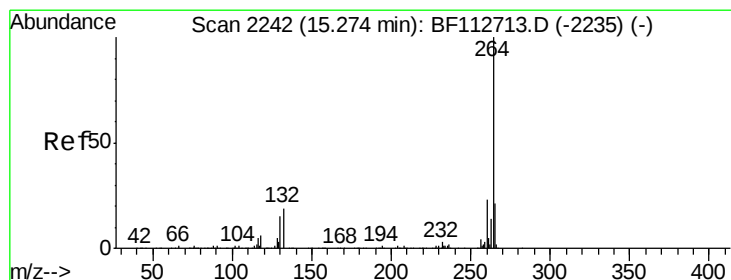
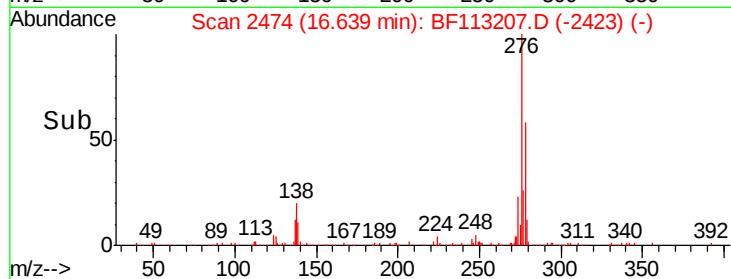
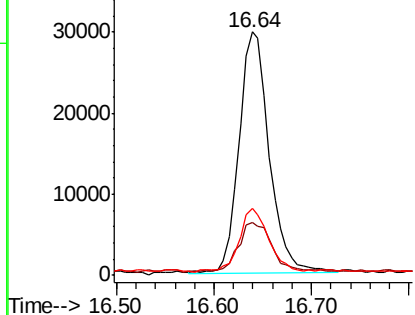
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.200 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	23.2	34.8
277	25.5	19.9	29.9

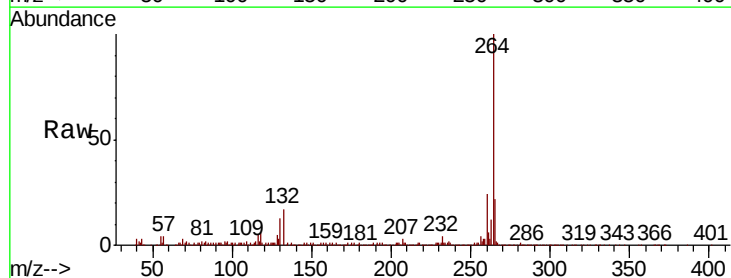


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

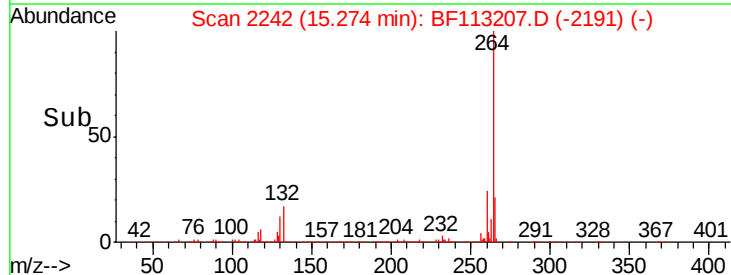
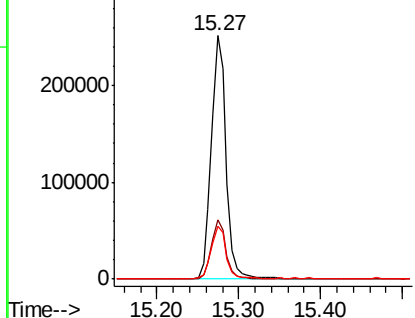


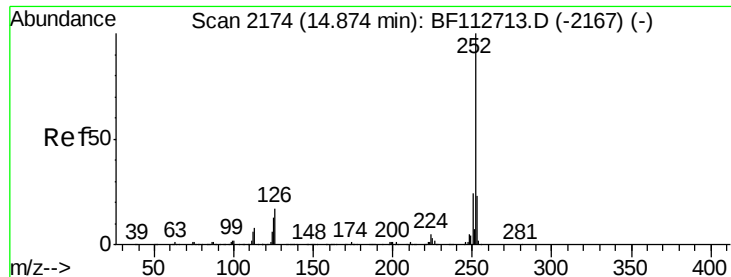
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.7	17.2	25.8



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

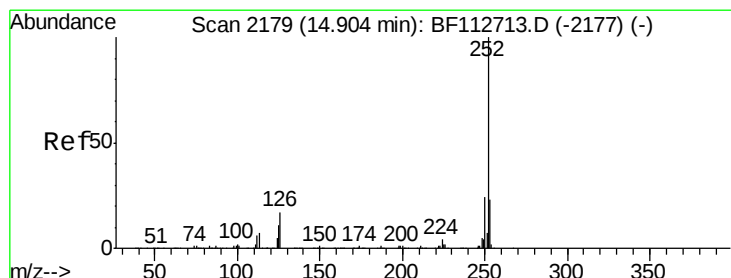
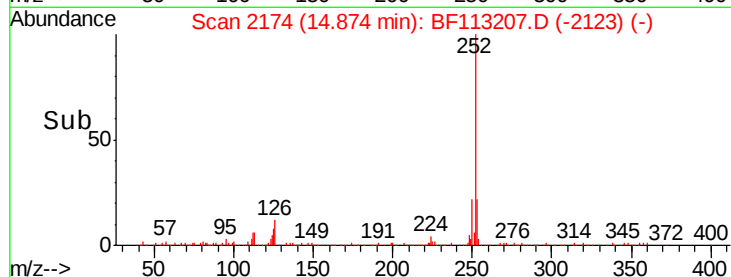
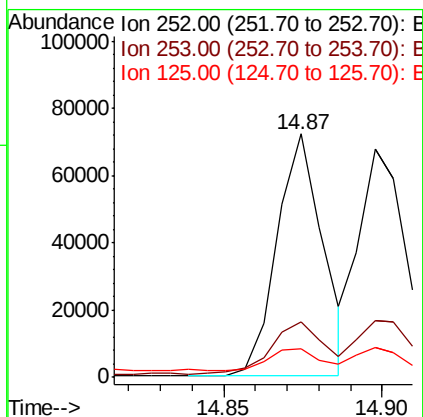
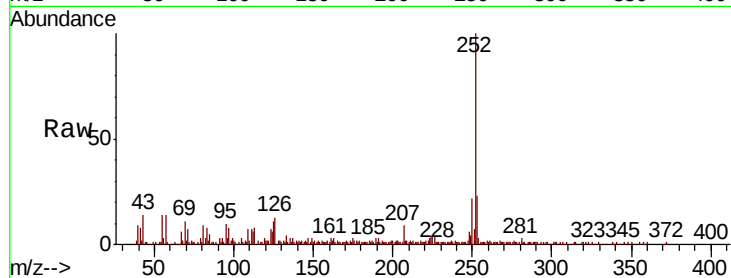




#88
Benzo(b)fluoranthene
Concen: 3.617 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

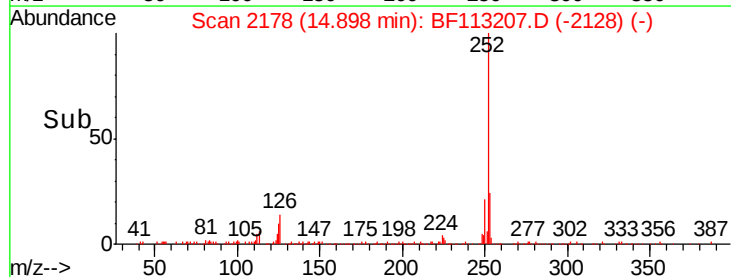
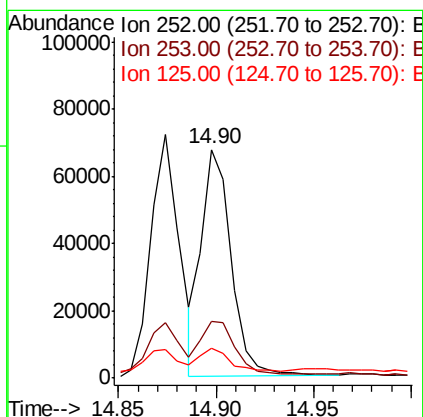
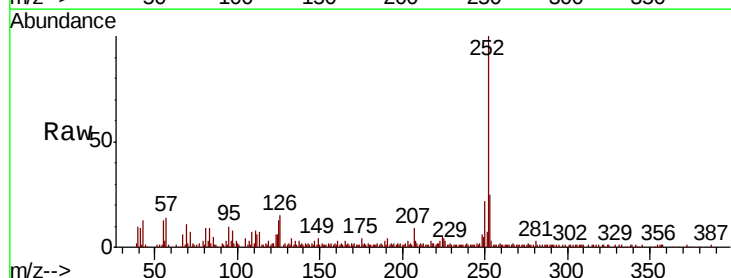
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

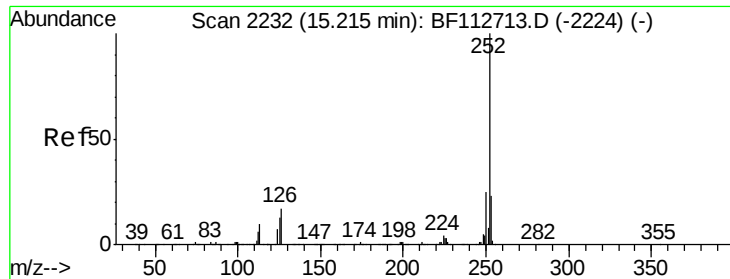
Tgt Ion:252 Resp: 72914
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 11.5 10.2 15.2



#89
Benzo(k)fluoranthene
Concen: 3.894 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:252 Resp: 71100
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.2
125 12.8 9.8 14.6





#90

Benzo(a)pyrene

Concen: 3.679 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF113207.D

Acq: 21 Mar 2019 14:36

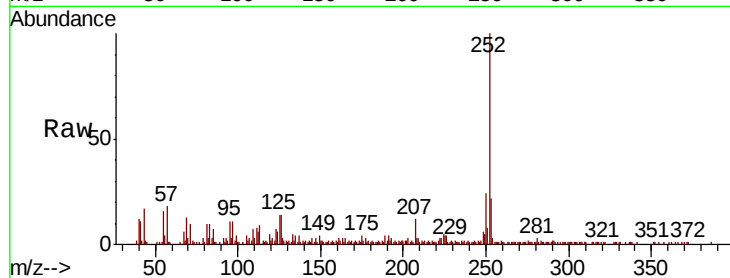
Instrument :

BNA_F

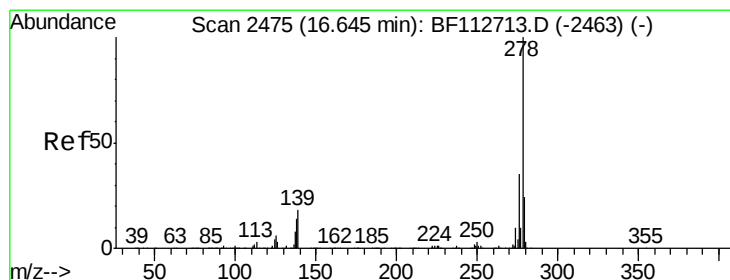
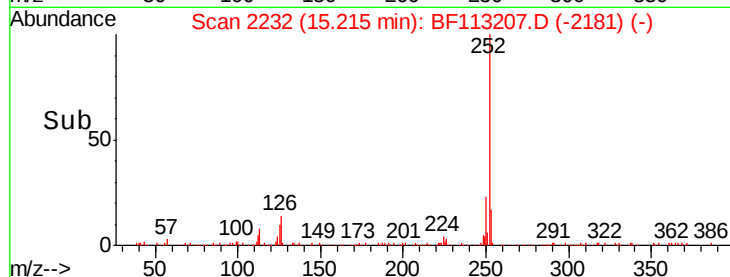
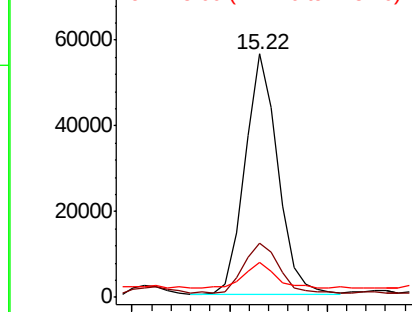
ClientSampleId :

JC-02-031919-I

Tgt Ion:	252	Resp:	65607
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	14.2	10.7	16.1



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



#91

Dibenzo(a,h)anthracene

Concen: 3.599 ng

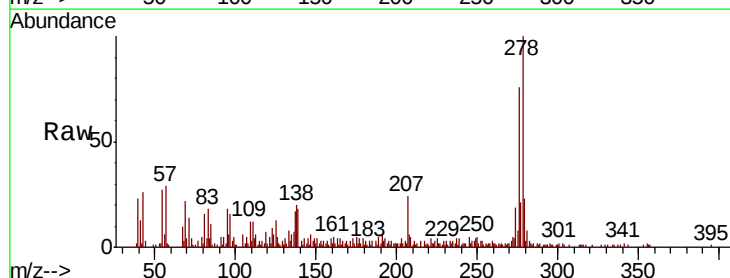
RT: 16.65 min Scan# 2476

Delta R.T. -0.00 min

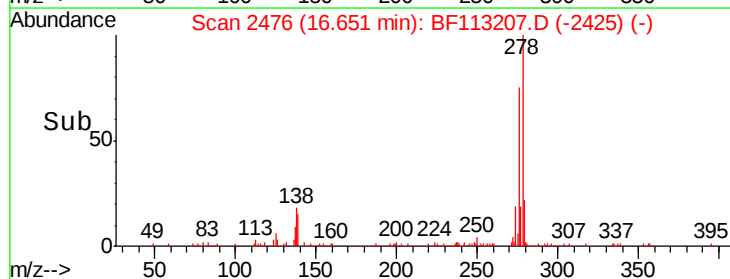
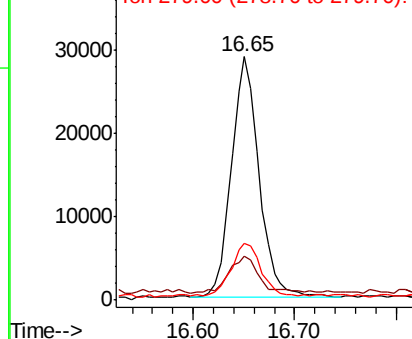
Lab File: BF113207.D

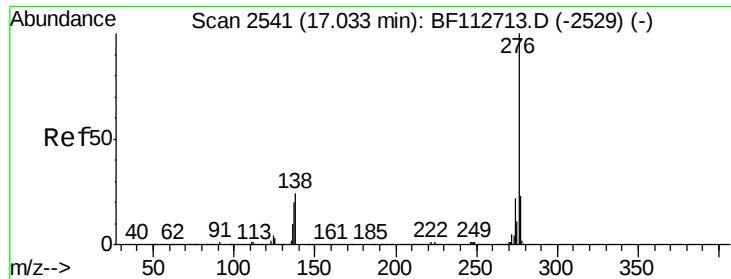
Acq: 21 Mar 2019 14:36

Tgt Ion:	278	Resp:	54759
Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.3	21.5
279	23.4	19.4	29.0



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

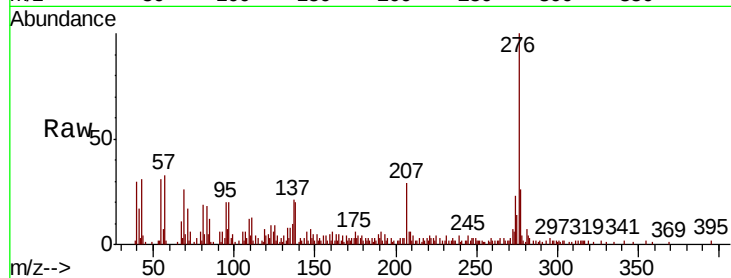




#92
 Benzo(g,h,i)perylene
 Concen: 3.464 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.01 min
 Lab File: BF113207.D
 Acq: 21 Mar 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	27.8
138	19.9	19.4	29.0



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

