

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103250.D
 Acq On : 27 Feb 2018 7:16
 Operator : SJ/JU
 Sample : J1395-04MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

Quant Time: Feb 27 09:50:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149018	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	606715	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	233739	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	353704	20.00	ng	0.00
75) Chrysene-d12	14.06	240	228597	20.00	ng	0.00
86) Perylene-d12	15.55	264	168858	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1031767	104.72	ng	0.02
7) Phenol-d6	6.52	99	1137843	94.38	ng	0.01
23) Nitrobenzene-d5	7.45	82	837704	78.85	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	206684	104.47	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1229492	92.51	ng	0.00
78) Terphenyl-d14	12.99	244	964768	101.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	180600	34.705	ng	90
3) Pyridine	3.54	79	314552	22.641	ng	93
4) n-Nitrosodimethylamine	3.48	42	245346	43.788	ng	97
6) Aniline	6.54	93	307137	17.651	ng	# 87
8) 2-Chlorophenol	6.67	128	422633	41.291	ng	99
9) Benzaldehyde	6.43	77	143334	16.483	ng	99
10) Phenol	6.53	94	469314	33.531	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	452243	42.573	ng	92
12) 1,3-Dichlorobenzene	6.82	146	424817	36.319	ng	99
13) 1,4-Dichlorobenzene	6.89	146	429015	36.583	ng	100
14) 1,2-Dichlorobenzene	7.05	146	394207	36.455	ng	99
15) Benzyl Alcohol	7.02	79	338609	37.271	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	723028	39.636	ng	93
17) 2-Methylphenol	7.13	107	352918	37.941	ng	96
18) Hexachloroethane	7.38	117	102785	24.076	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	288286	38.420	ng	96
20) 3+4-Methylphenols	7.29	107	402894	35.533	ng	# 59
22) Acetophenone	7.29	105	564952	39.893	ng	# 90
24) Nitrobenzene	7.46	77	470008	40.182	ng	97
25) Isophorone	7.70	82	871338	41.643	ng	100
26) 2-Nitrophenol	7.77	139	156857	28.486	ng	98
27) 2,4-Dimethylphenol	7.81	122	377662	44.870	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	546556	44.428	ng	100
29) 2,4-Dichlorophenol	8.02	162	333916	41.437	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	326600	38.060	ng	100
31) Naphthalene	8.18	128	1155762	38.910	ng	99
32) Benzoic acid	7.93	122	152786	27.857	ng	97
33) 4-Chloroaniline	8.23	127	212630	16.589	ng	97
34) Hexachlorobutadiene	8.29	225	165597	37.058	ng	99
35) Caprolactam	8.61	113	89392	31.563	ng	# 84
36) 4-Chloro-3-methylphenol	8.72	107	364788	40.134	ng	99
37) 2-Methylnaphthalene	8.87	142	741331	38.617	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	277606	43.444	ng	98
40) Hexachlorocyclopentadiene	9.02	237	2583	9.901	ng	92

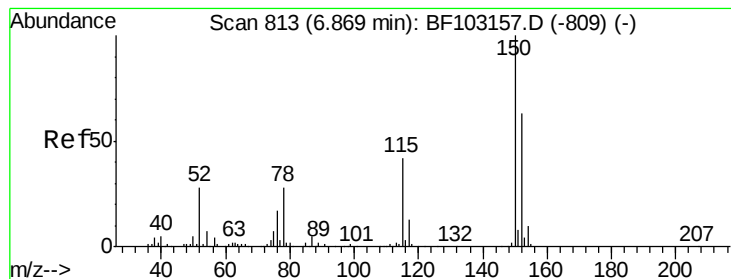
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	195373	45.439	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	196470	39.729	nq	96
45) 1,1'-Biphenyl	9.33	154	845741	43.180	nq	98
46) 2-Chloronaphthalene	9.36	162	650308	41.968	nq	98
47) 2-Nitroaniline	9.46	65	279854	48.757	nq	90
48) Acenaphthylene	9.78	152	974723	40.884	nq	99
49) Dimethylphthalate	9.63	163	814963	43.463	nq	99
50) 2,6-Dinitrotoluene	9.70	165	139363	35.417	nq	# 86
51) Acenaphthene	9.95	154	551530	39.673	nq	98
52) 3-Nitroaniline	9.87	138	222600	44.588	nq	99
53) 2,4-Dinitrophenol	10.00	184	1064	10.280	nq	# 23
54) Dibenzofuran	10.12	168	822210	43.084	nq	98
55) 4-Nitrophenol	10.04	139	196103	63.379	nq	89
56) 2,4-Dinitrotoluene	10.11	165	151241	30.390	nq	95
57) Fluorene	10.46	166	616578	37.927	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	141312	42.538	nq	99
59) Diethylphthalate	10.33	149	817154	45.565	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	282562	40.987	nq	96
61) 4-Nitroaniline	10.49	138	224916	45.105	nq	95
62) Azobenzene	10.62	77	729983	39.989	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	1124	5.414	nq	# 39
65) n-Nitrosodiphenylamine	10.57	169	560737	45.531	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	165131	44.817	nq	93
67) Hexachlorobenzene	11.02	284	166336	41.592	nq	99
68) Atrazine	11.10	200	145935	39.424	nq	98
69) Pentachlorophenol	11.22	266	135964	70.314	nq	98
70) Phenanthrene	11.43	178	817672	42.006	nq	99
71) Anthracene	11.49	178	854740	42.821	nq	98
72) Carbazole	11.64	167	817988	41.152	nq	99
73) Di-n-butylphthalate	11.96	149	1114457	44.807	nq	99
74) Fluoranthene	12.62	202	824454	42.149	nq	98
76) Benzidine	12.75	184	177050	20.717	nq	96
77) Pyrene	12.86	202	825135	46.297	nq	100
79) Butylbenzylphthalate	13.46	149	457489	48.584	nq	97
80) Benzo(a)anthracene	14.04	228	644299	43.439	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	238828	45.119	nq	97
82) Chrysene	14.08	228	617660	42.888	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	611037	48.086	nq	# 99
84) Di-n-octyl phthalate	14.63	149	1031690	50.250	nq	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	472531	41.445	nq	98
87) Benzo(b)fluoranthene	15.11	252	532302	47.945	nq	98
88) Benzo(k)fluoranthene	15.14	252	460171	44.016	nq	98
89) Benzo(a)pyrene	15.49	252	457679	46.163	nq	97
90) Dibenzo(a,h)anthracene	17.08	278	397845	51.932	nq	99
91) Benzo(g,h,i)perylene	17.53	276	393417	52.544	nq	98

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

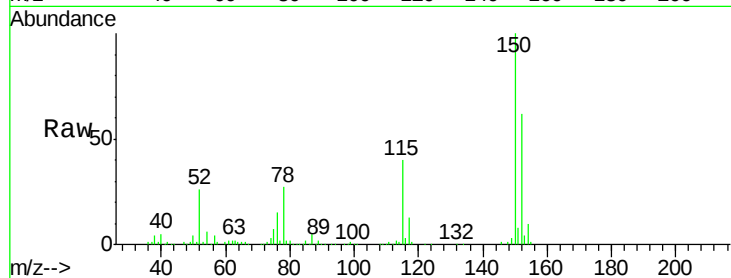


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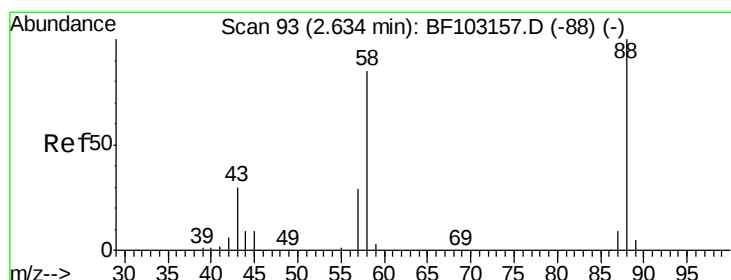
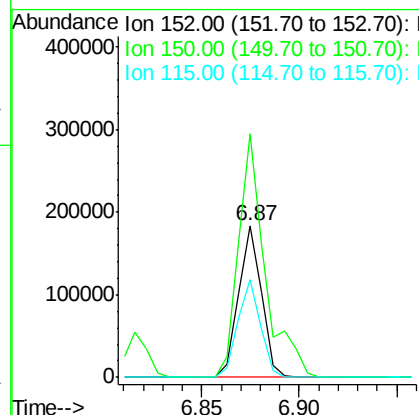
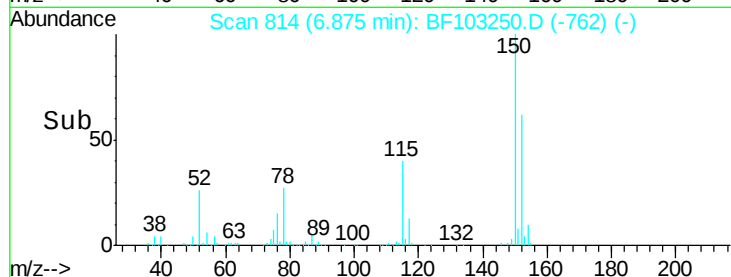
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

Tot Ion:152 Resp: 149018
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 64.2 50.1 75.1



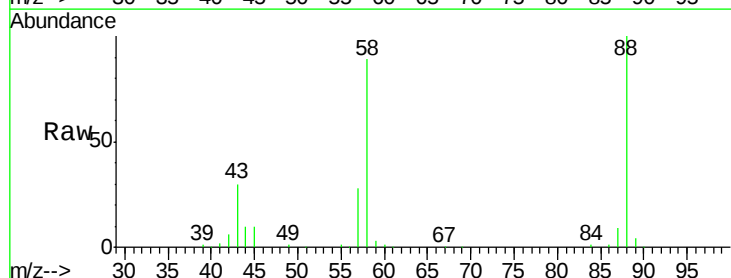
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



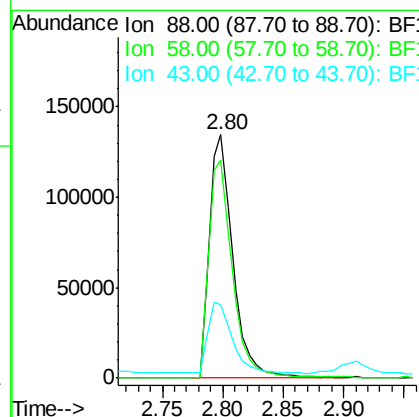
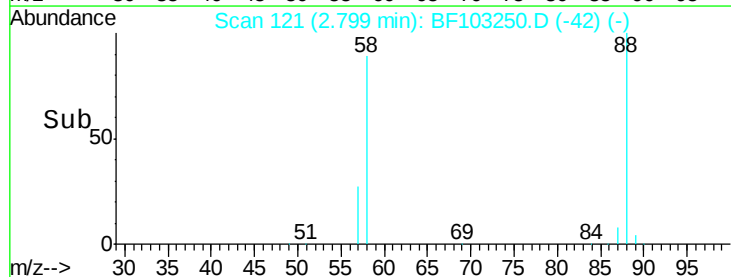
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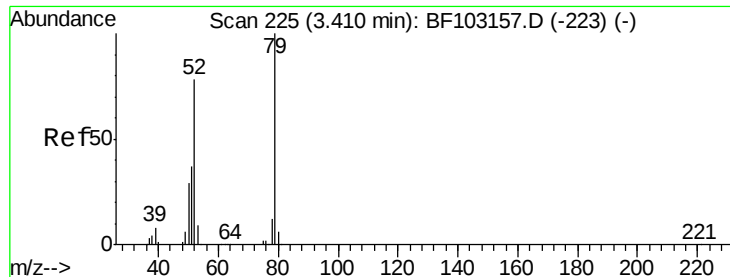
1,4-Dioxane
Concen: 34.705 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.16 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion: 88 Resp: 180600
Ion Ratio Lower Upper
88 100
58 89.0 62.6 93.8
43 29.6 24.6 37.0



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





#3

Pvridine

Concen: 22.641 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.13 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

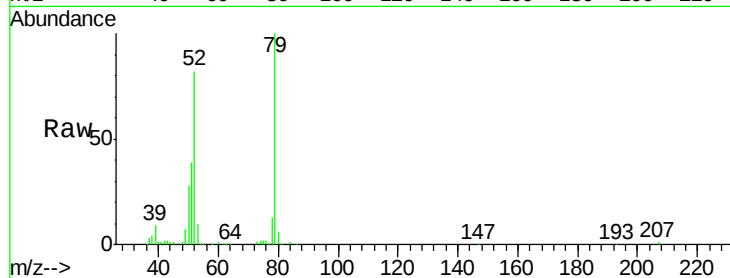
Tot Ion: 79 Resp: 314552

Ion Ratio Lower Upper

79 100

52 82.1 59.8 89.6

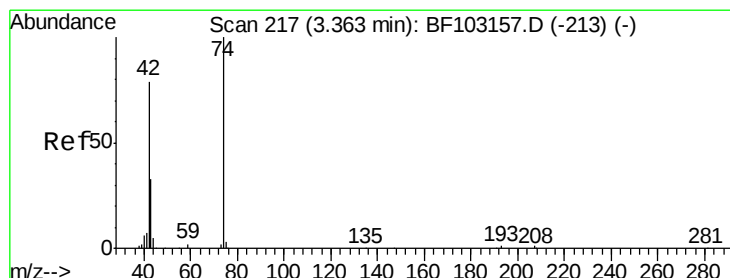
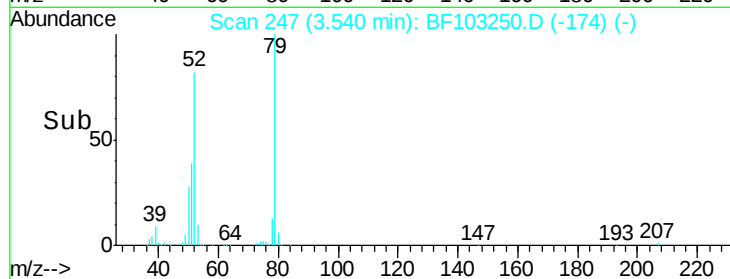
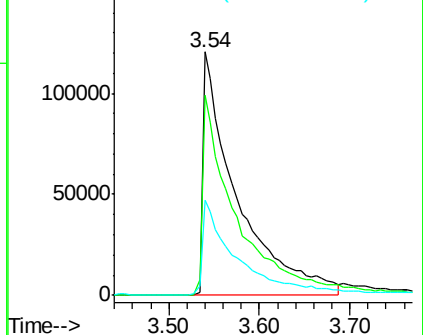
51 39.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.788 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.11 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

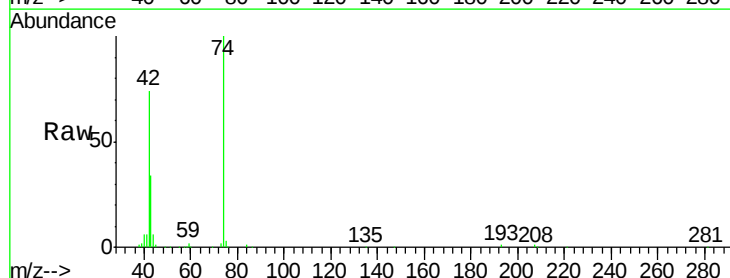
Tgt Ion: 42 Resp: 245346

Ion Ratio Lower Upper

42 100

74 134.4 104.9 157.3

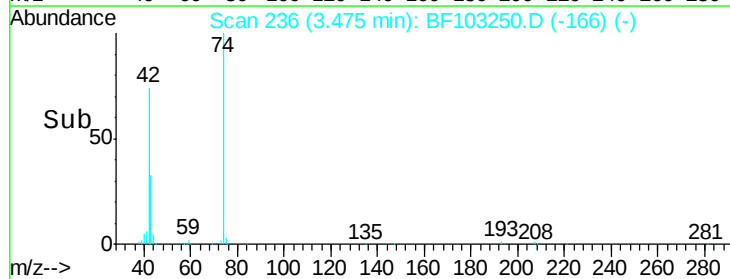
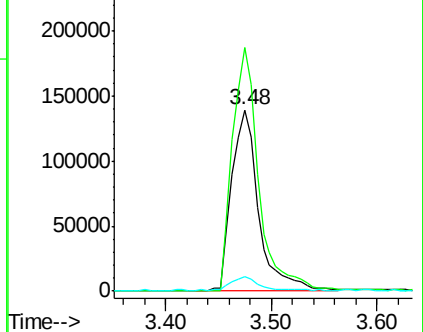
44 7.8 6.9 10.3

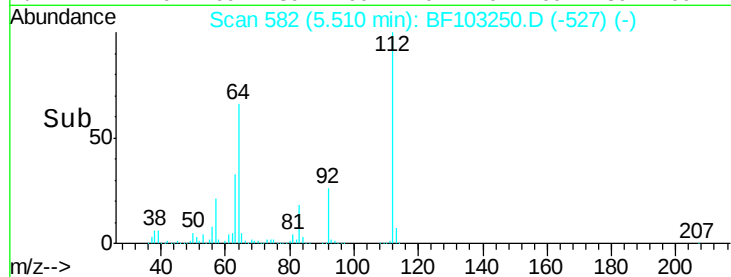
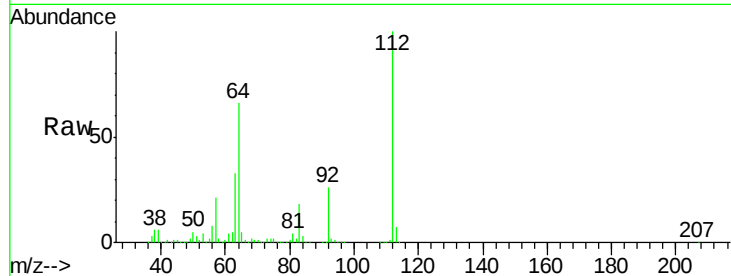
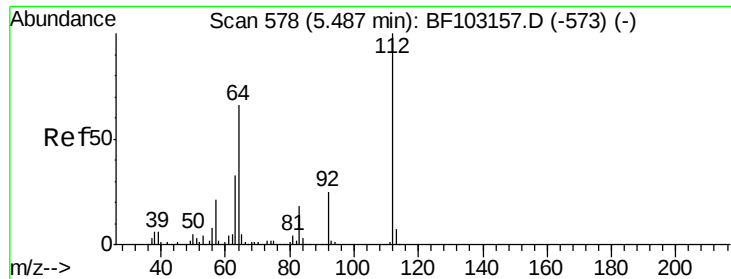


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.717 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

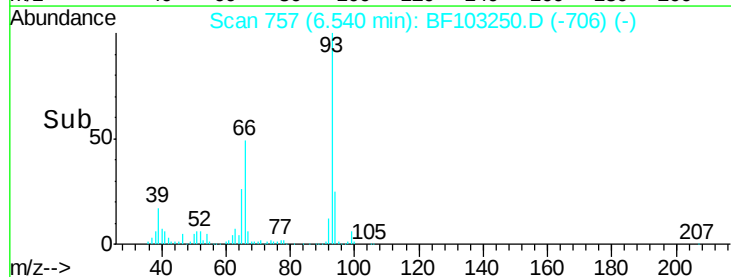
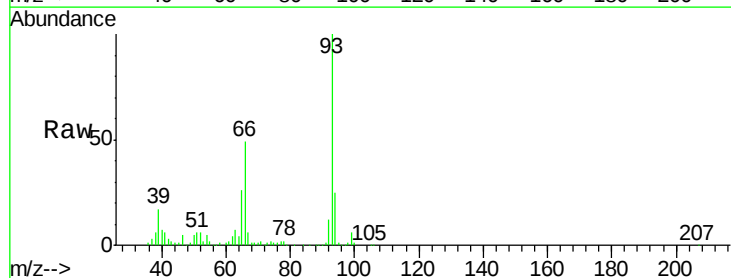
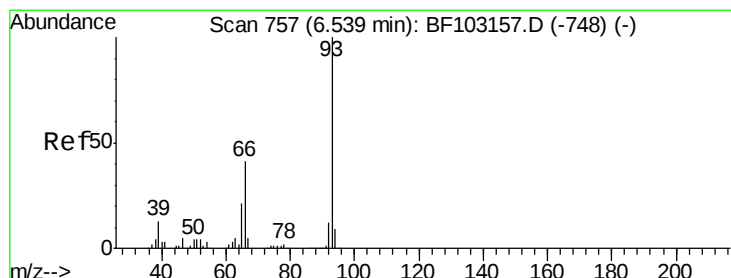
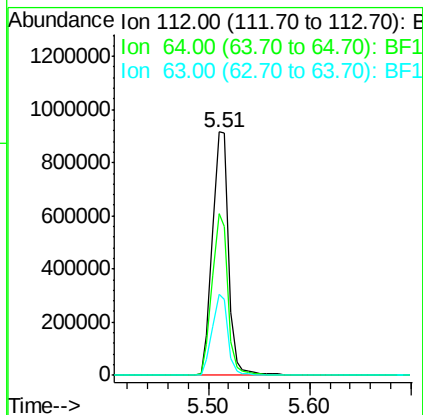
Tot Ion:112 Resp: 1031767

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

63 33.2 23.7 35.5



#6

Aniline

Concen: 17.651 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

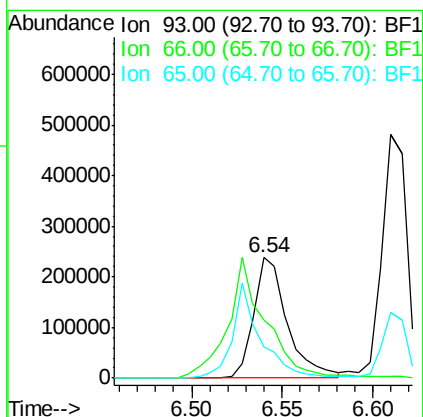
Tgt Ion: 93 Resp: 307137

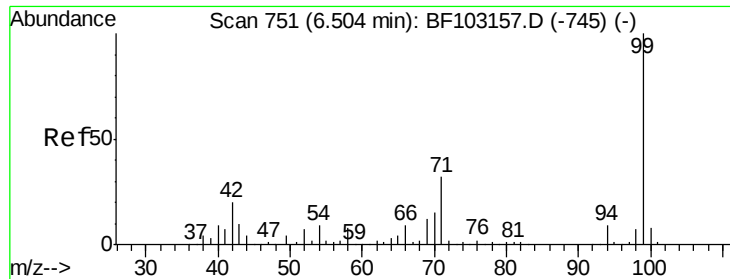
Ion Ratio Lower Upper

93 100

66 48.7 32.2 48.2#

65 26.3 16.4 24.6#





#7

Phenol-d6

Concen: 94.376 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

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BNA_F

ClientSampleId :

NB-01-022318MS

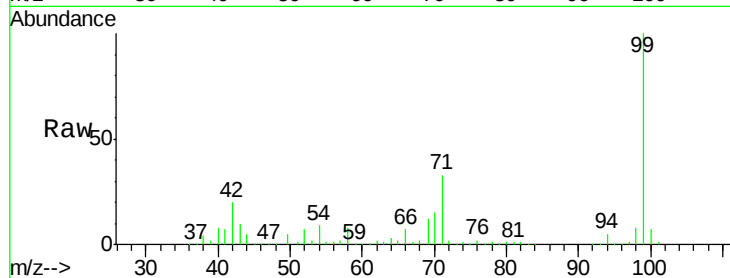
Tot Ion: 99 Resp: 1137843

Ion Ratio Lower Upper

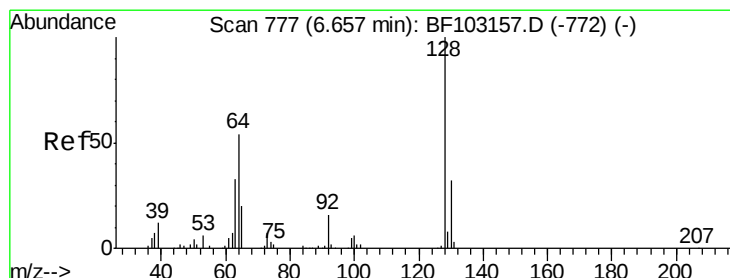
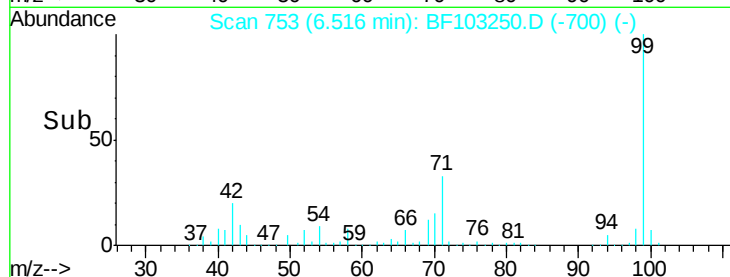
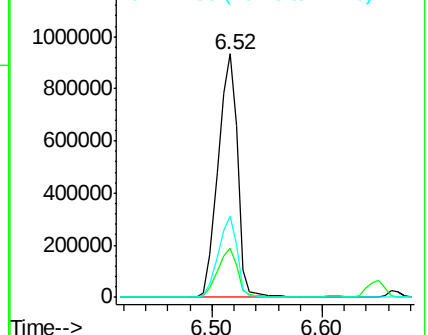
99 100

42 20.0 14.5 21.7

71 33.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.291 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

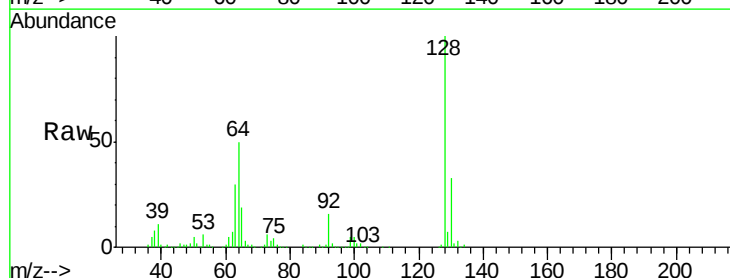
Tgt Ion: 128 Resp: 422633

Ion Ratio Lower Upper

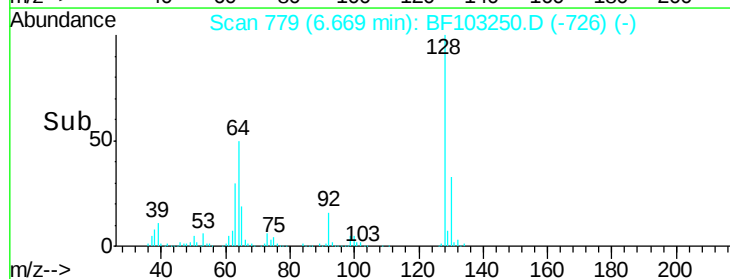
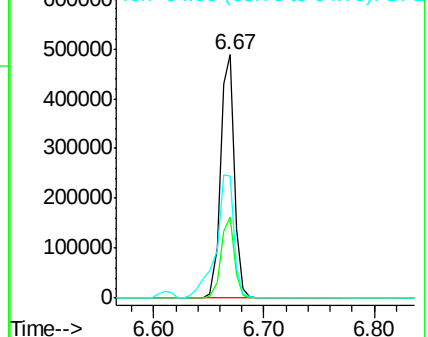
128 100

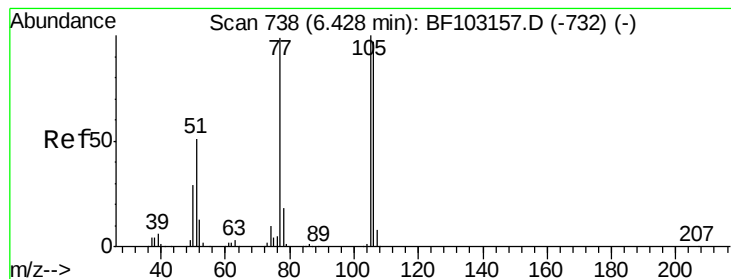
130 33.1 13.0 53.0

64 50.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 16.483 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

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ClientSampleId :

NB-01-022318MS

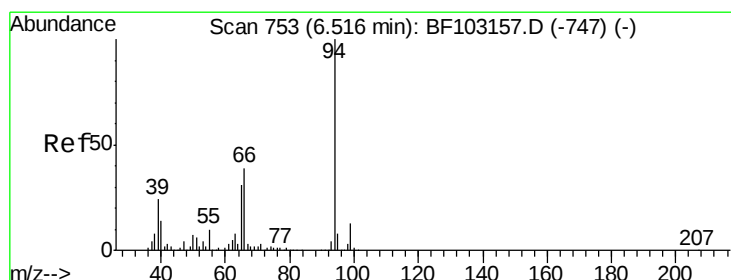
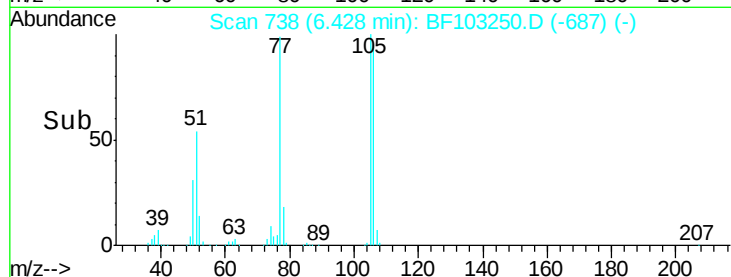
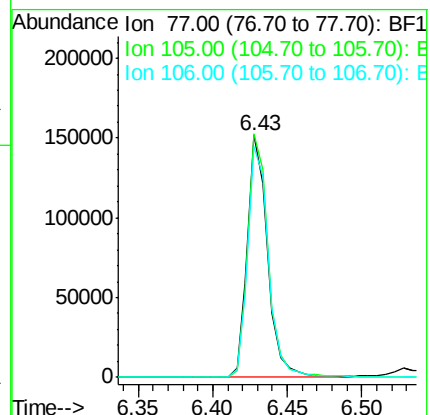
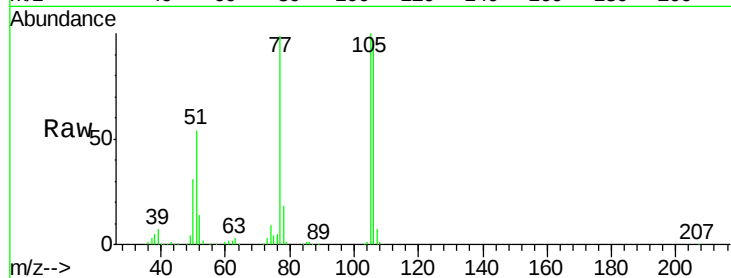
Tot Ion: 77 Resp: 143334

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

106 95.1 74.5 114.5



#10

Phenol

Concen: 33.531 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

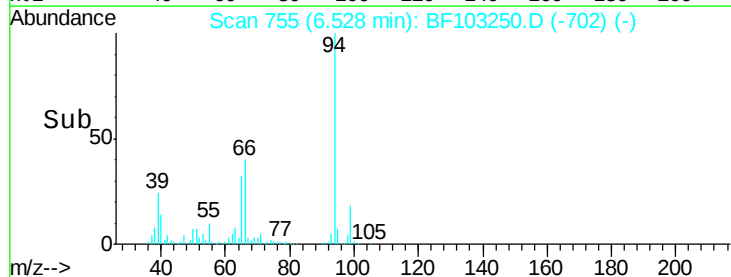
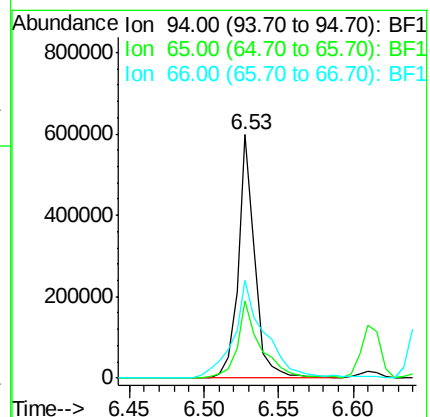
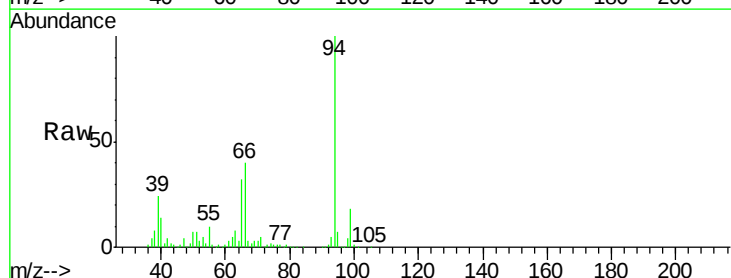
Tgt Ion: 94 Resp: 469314

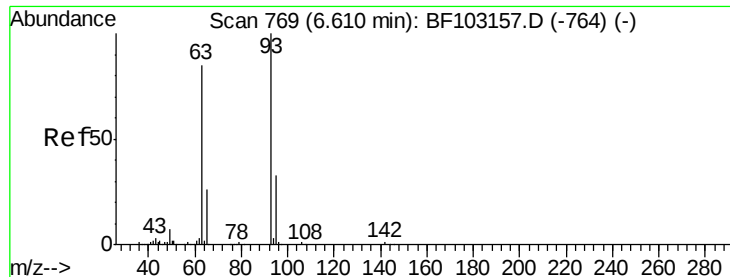
Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 39.9 16.2 56.2

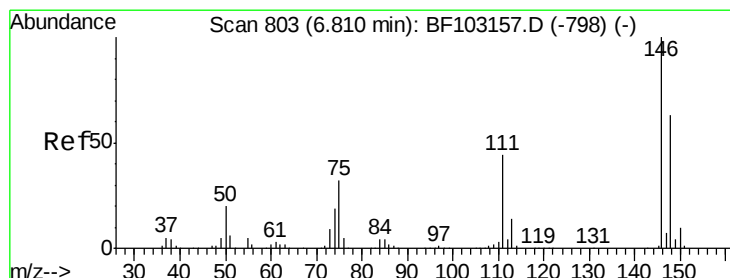
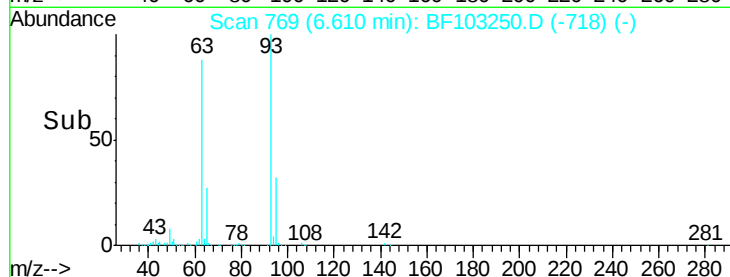
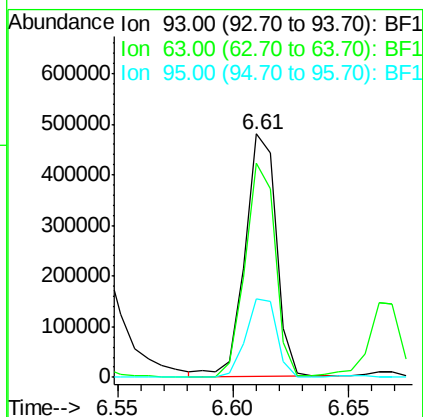
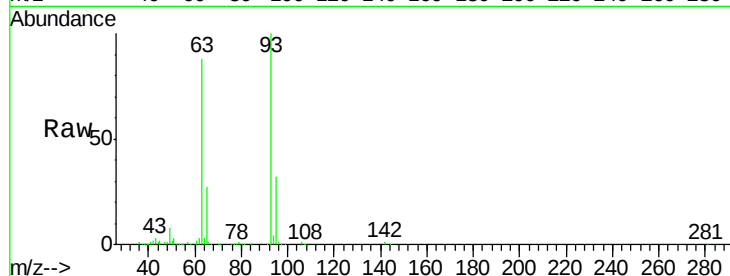




#11
bis(2-Chloroethyl)ether
Concen: 42.573 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

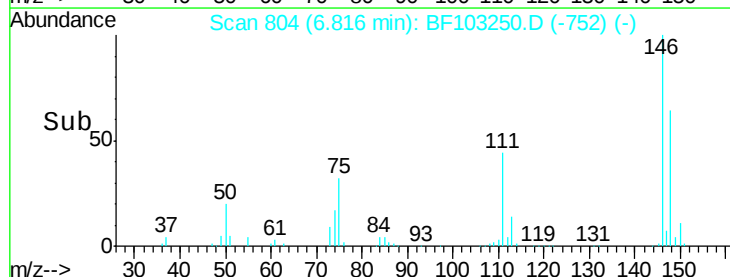
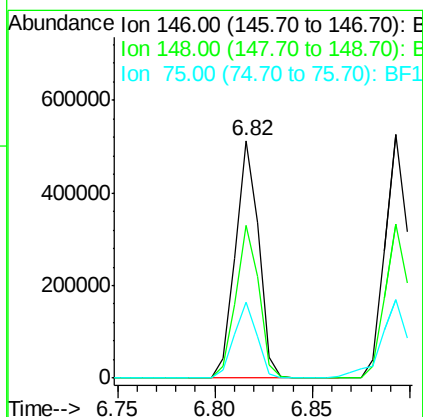
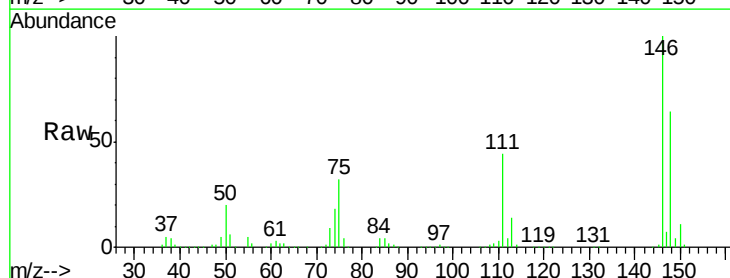
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

Tot Ion: 93 Resp: 452243
Ion Ratio Lower Upper
93 100
63 88.0 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.319 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion: 146 Resp: 424817
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 31.9 24.2 36.4

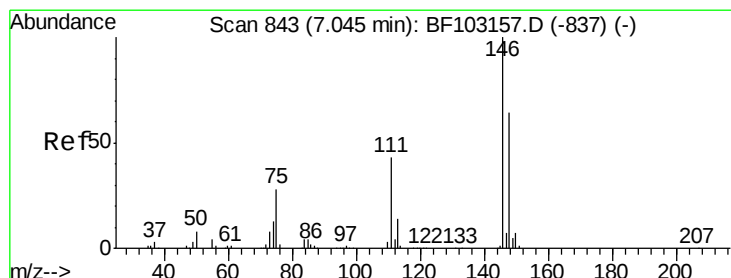
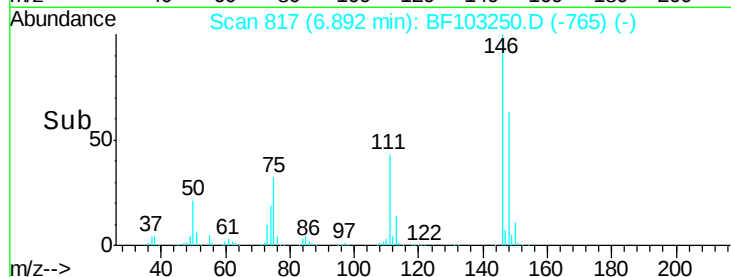
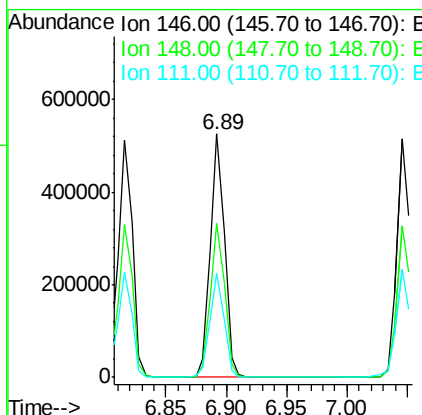
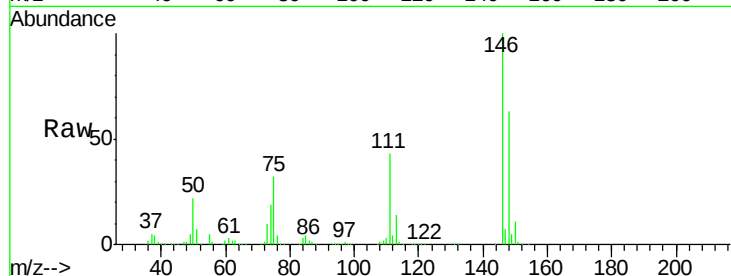




#13
 1,4-Dichlorobenzene
 Concen: 36.583 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

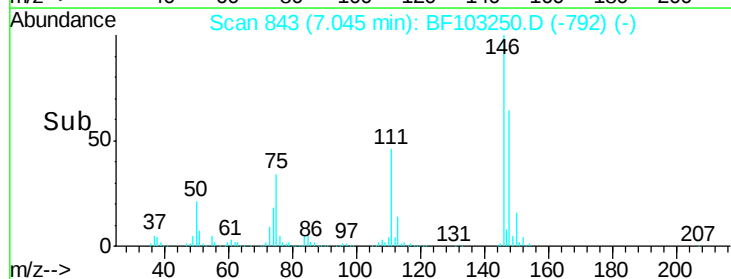
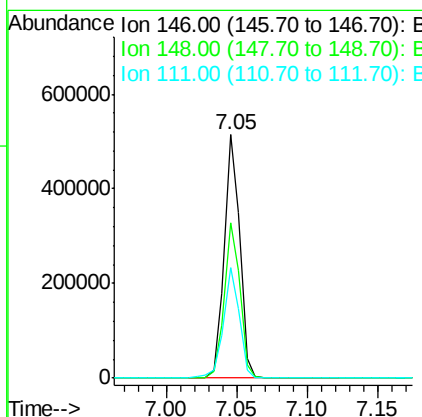
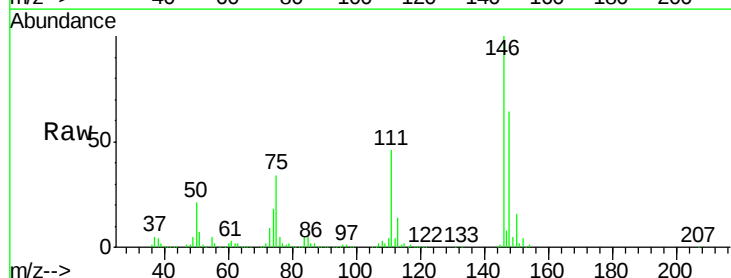
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.455 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	45.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.271 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

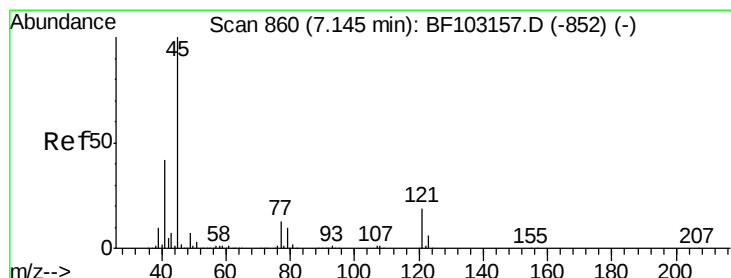
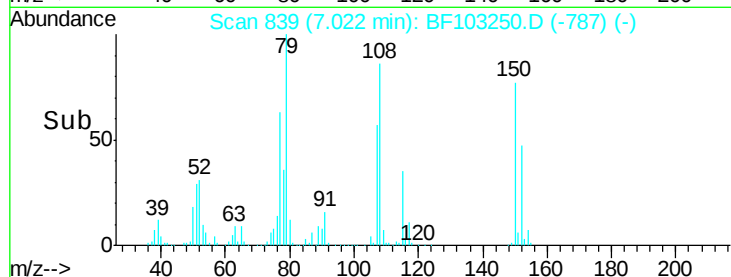
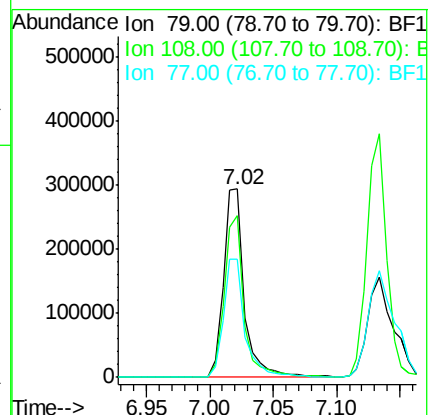
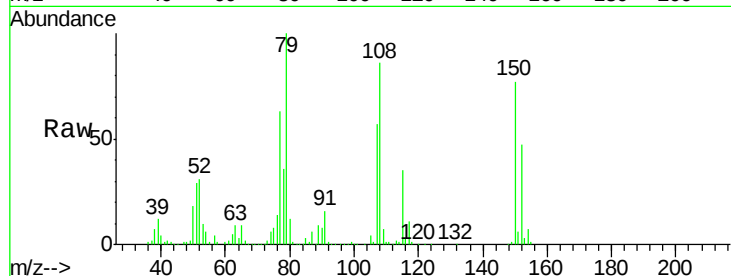
Tot Ion: 79 Resp: 338609

Ion Ratio Lower Upper

79 100

108 85.5 65.1 97.7

77 62.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.636 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

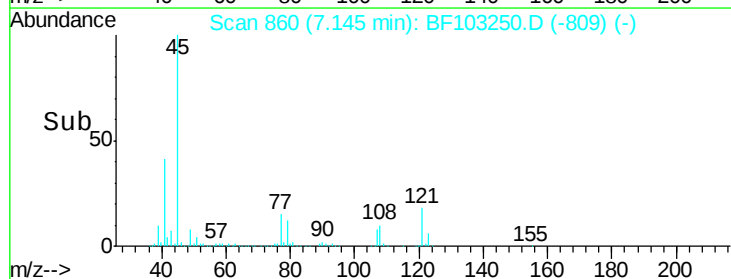
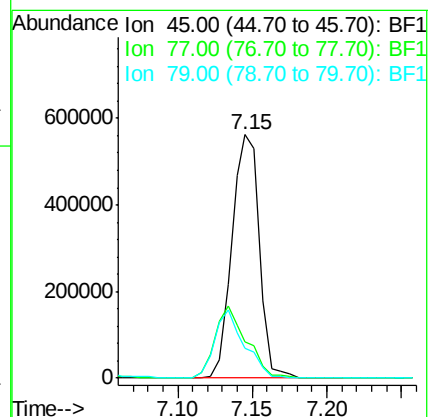
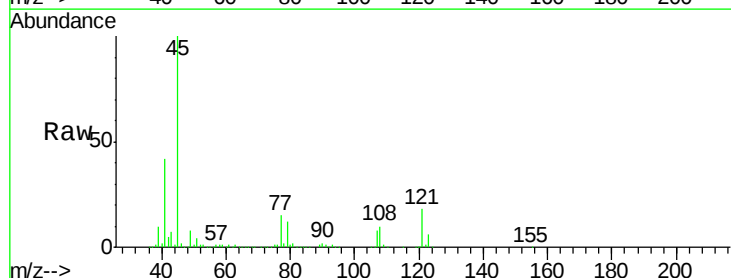
Tgt Ion: 45 Resp: 723028

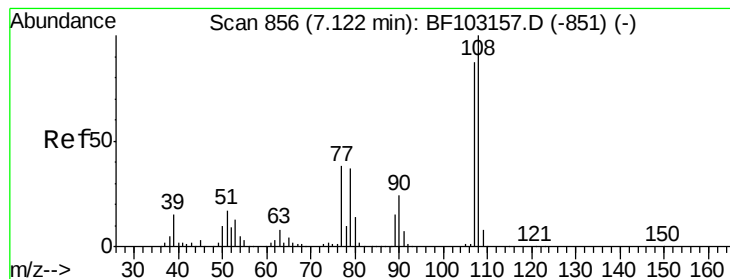
Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.9

79 12.4 0.0 29.6





#17

2-Methylphenol

Concen: 37.941 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

Tot Ion:107 Resp: 352918

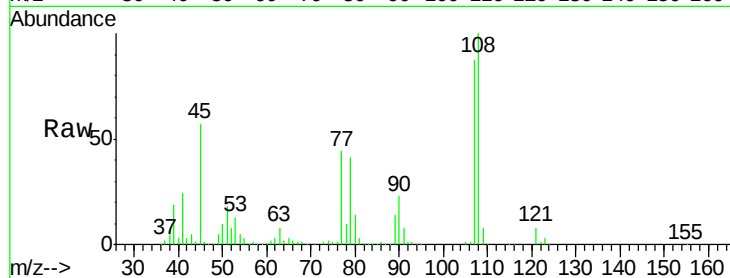
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 50.0 33.8 50.8

79 47.1 33.8 50.8

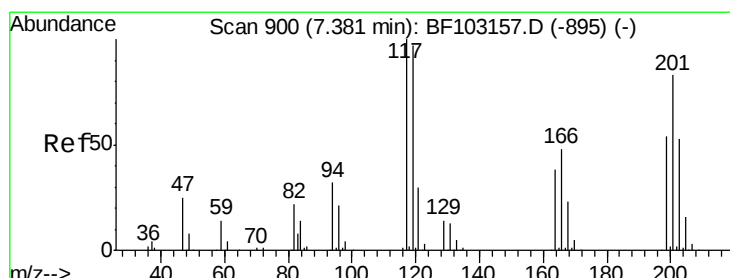
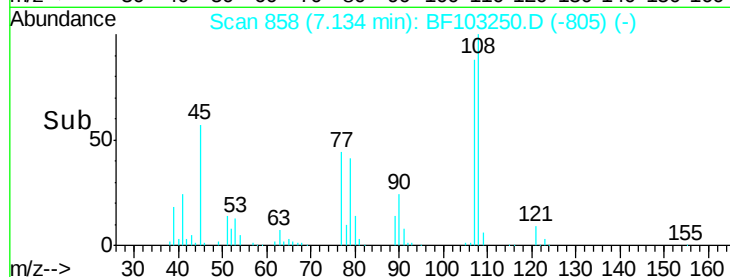
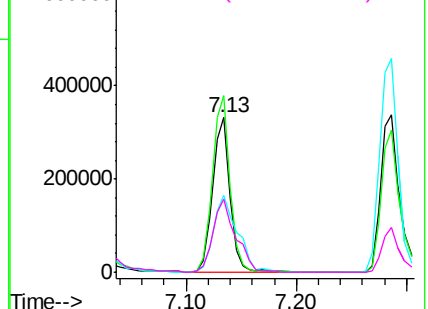


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.076 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

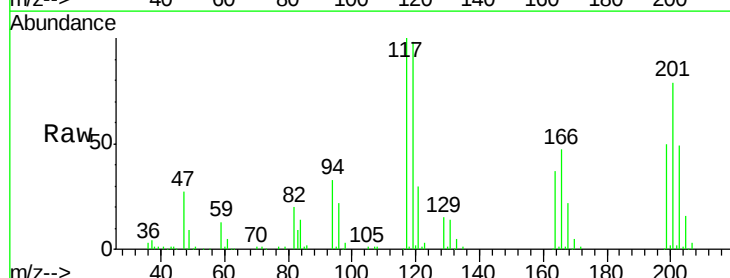
Tgt Ion:117 Resp: 102785

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

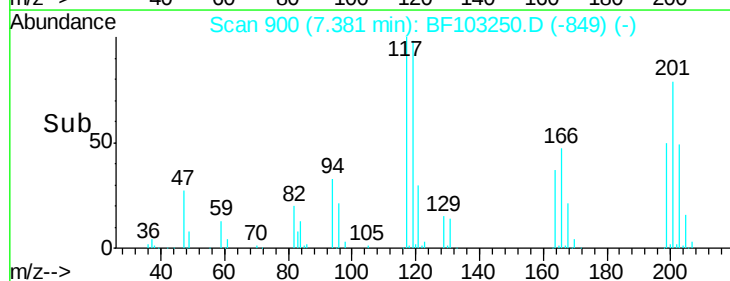
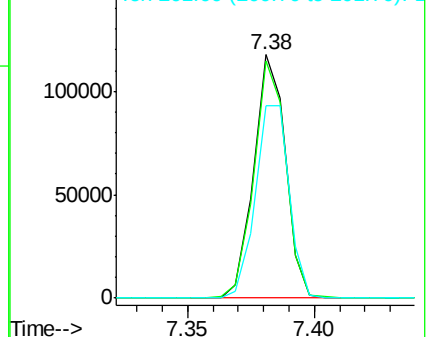
201 78.9 75.7 113.5



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

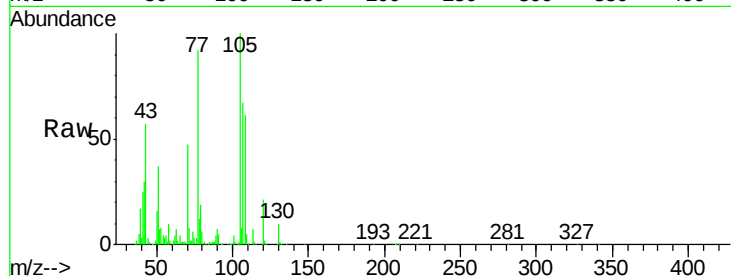




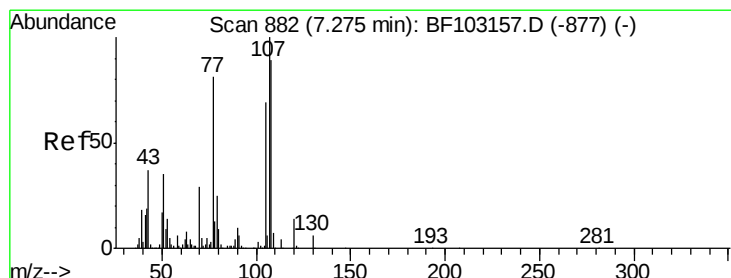
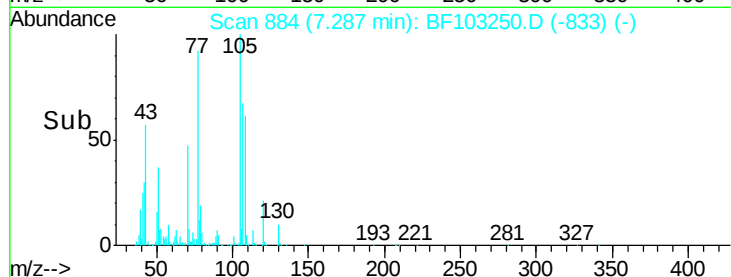
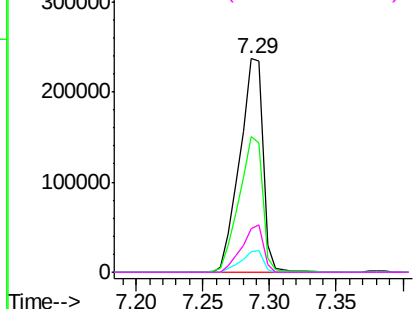
#19
n-Nitroso-di-n-propylamine
Concen: 38.420 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

Tot Ion: 70 Resp: 288286
Ion Ratio Lower Upper
70 100
42 63.8 47.5 71.3
101 9.5 7.4 11.2
130 20.6 16.6 25.0



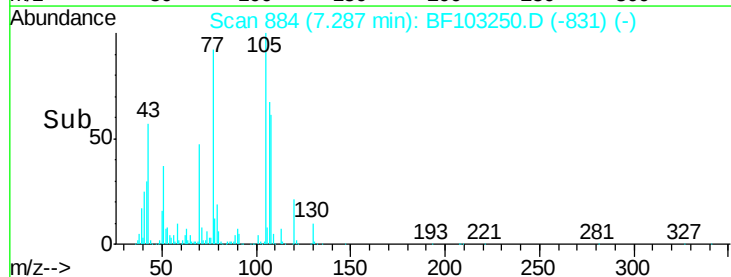
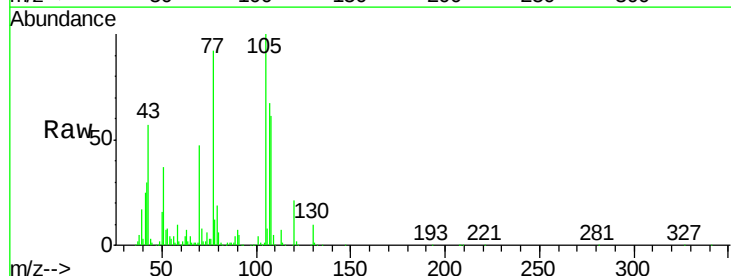
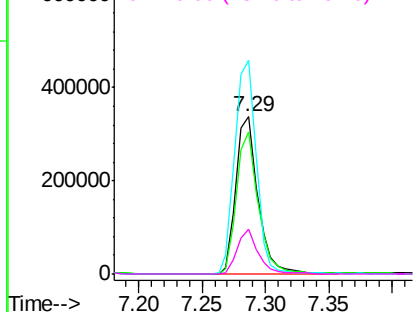
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

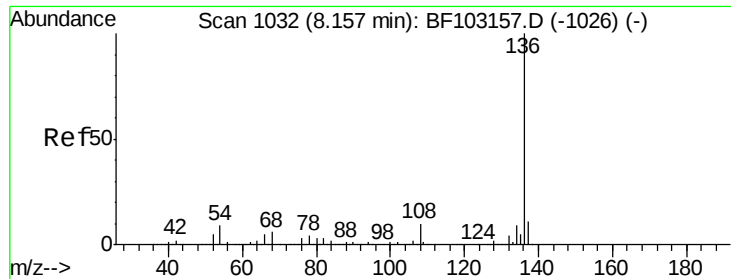


#20
3+4-Methylphenols
Concen: 35.533 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion: 107 Resp: 402894
Ion Ratio Lower Upper
107 100
108 90.2 68.2 108.2
77 136.2 26.7 66.7#
79 28.2 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

Tot Ion:136 Resp: 606715

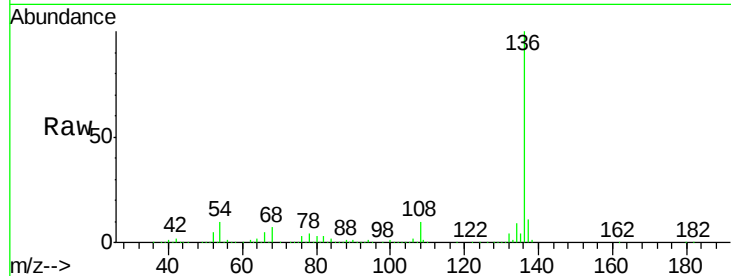
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.5 6.6 9.8

68 6.7 5.0 7.4

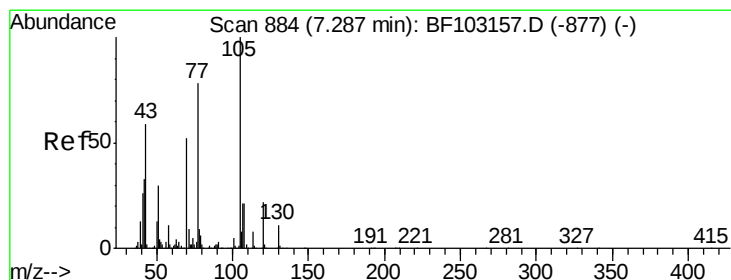
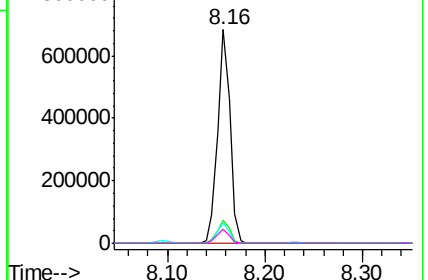
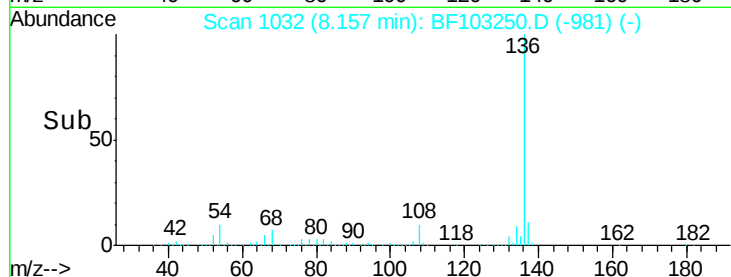


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.893 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Tgt Ion:105 Resp: 564952

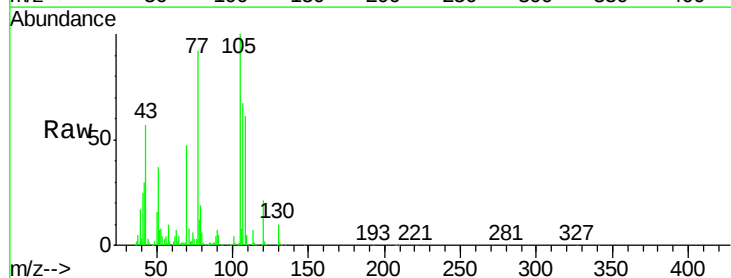
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 36.8 22.3 33.5#

120 21.0 16.9 25.3

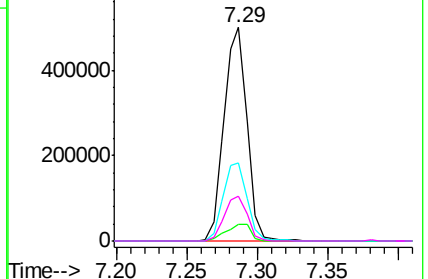
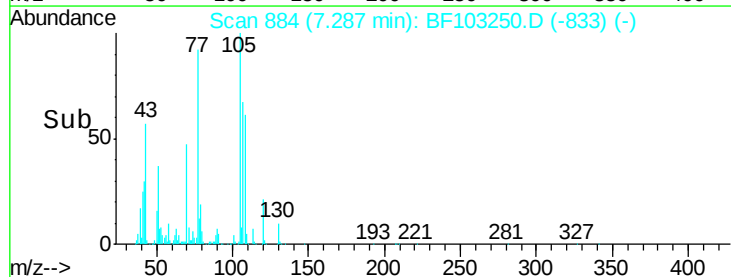


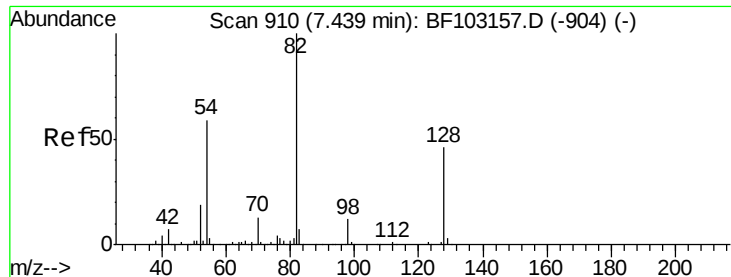
Abundance Ion 105.00 (104.70 to 105.70): E

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

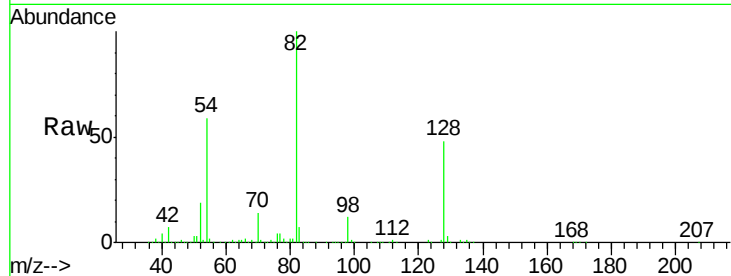




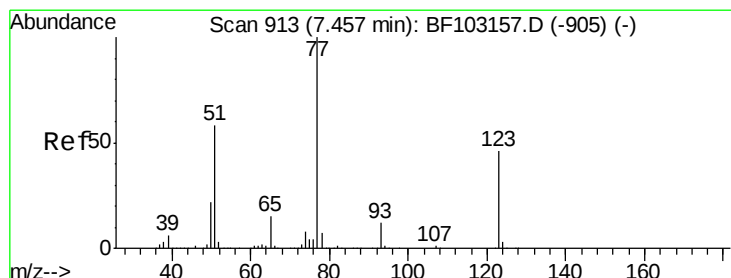
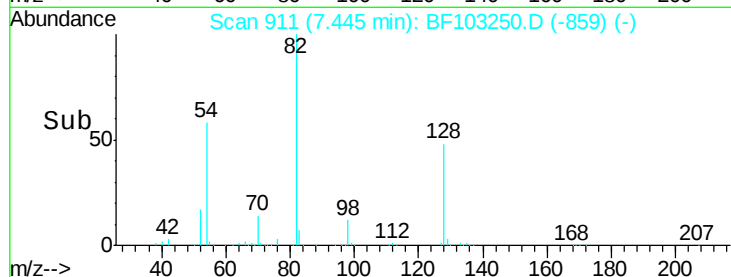
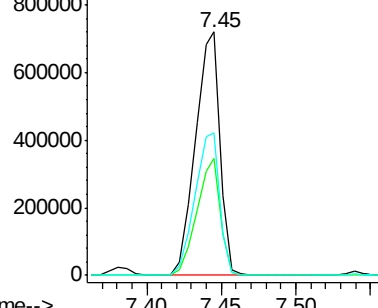
#23
 Nitrobenzene-d5
 Concen: 78.851 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

Tot Ion: 82 Resp: 837704
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 58.7 41.4 62.2

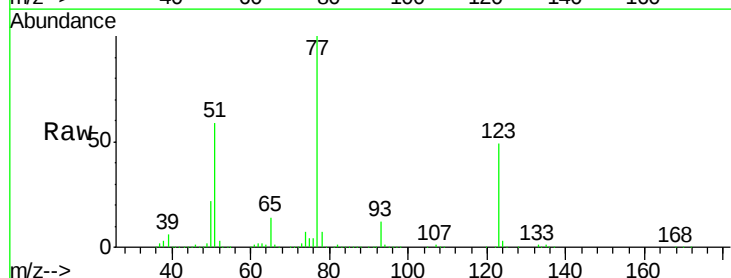


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

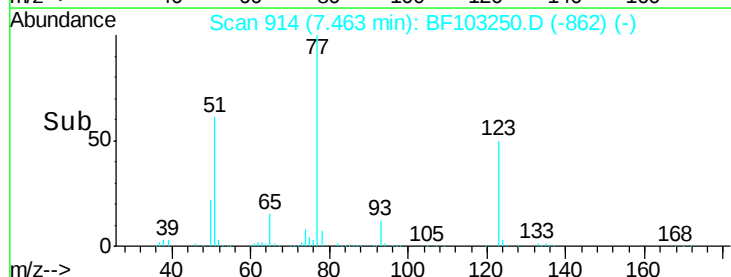
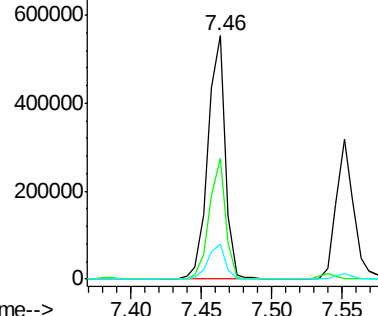


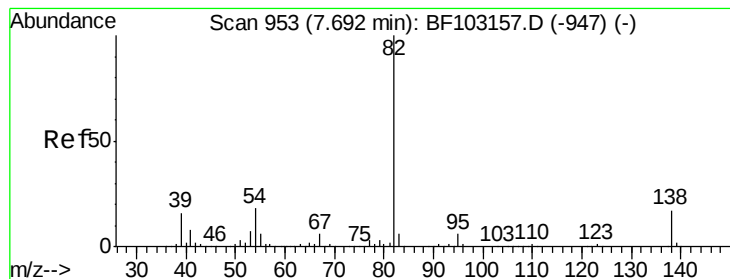
#24
 Nitrobenzene
 Concen: 40.182 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion: 77 Resp: 470008
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.9 56.9
 65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 41.643 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

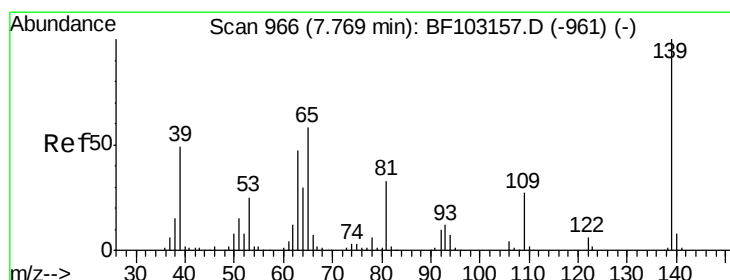
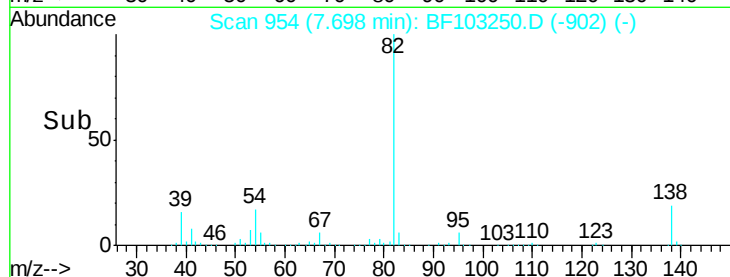
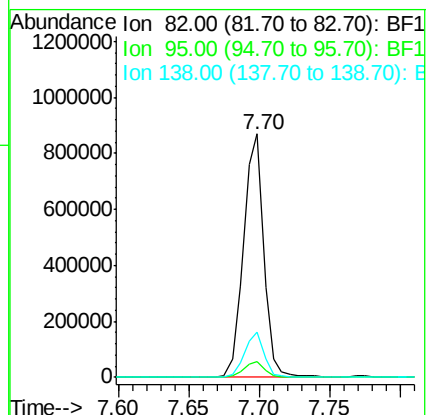
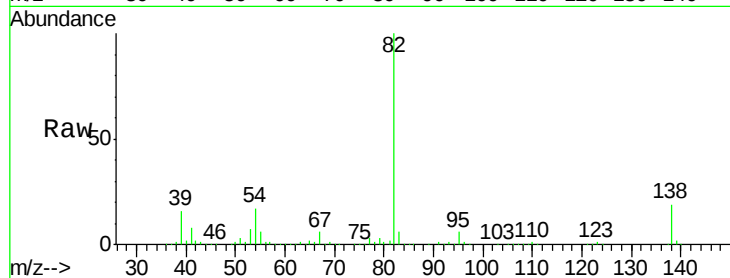
Tot Ion: 82 Resp: 871338

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 28.486 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

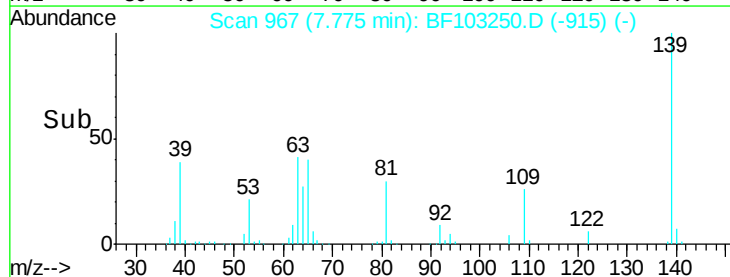
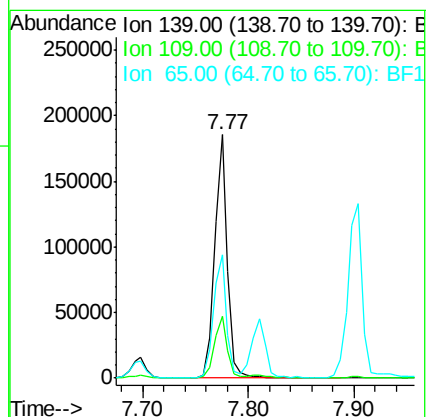
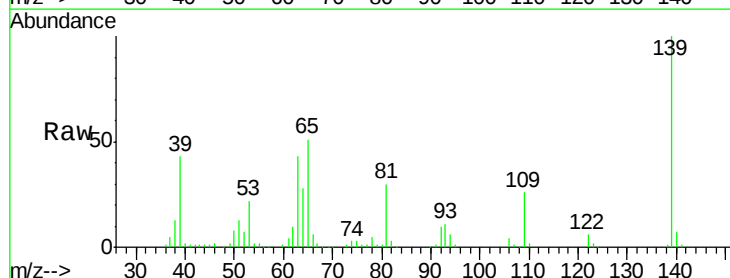
Tgt Ion: 139 Resp: 156857

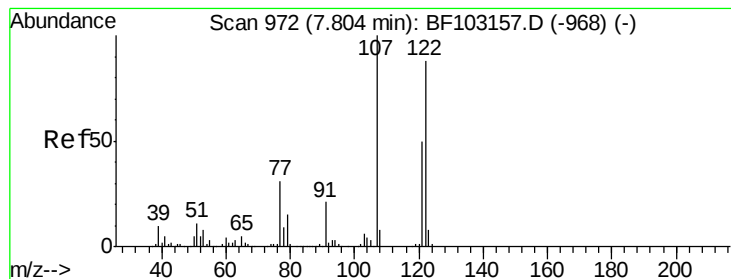
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 50.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.870 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

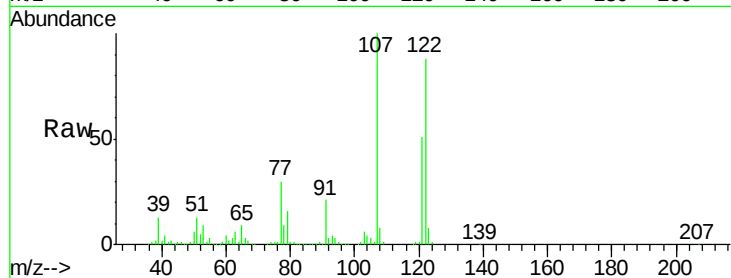
Tot Ion:122 Resp: 377662

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

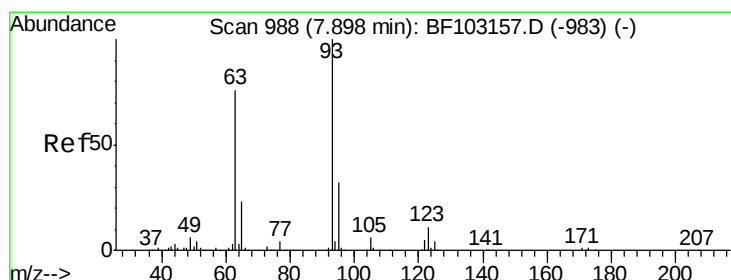
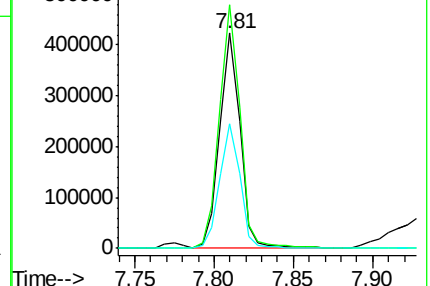
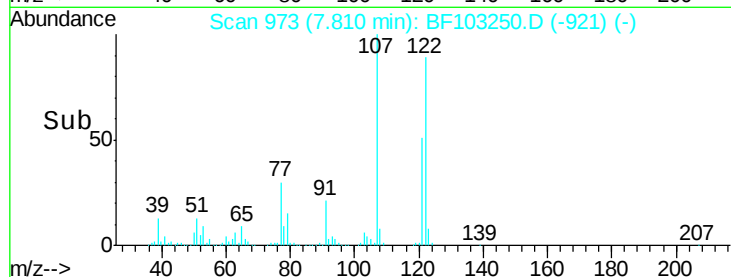
121 58.0 47.2 70.8



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: 44.428 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

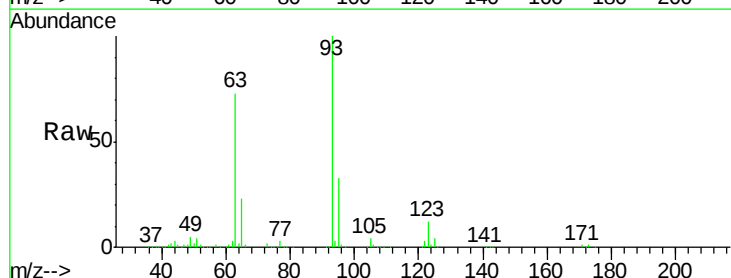
Tgt Ion: 93 Resp: 546556

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

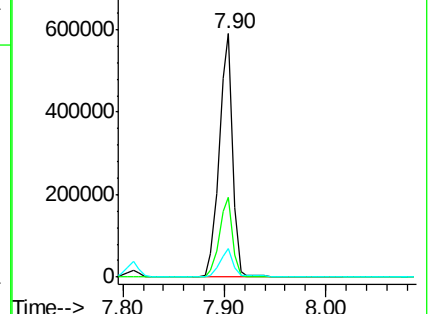
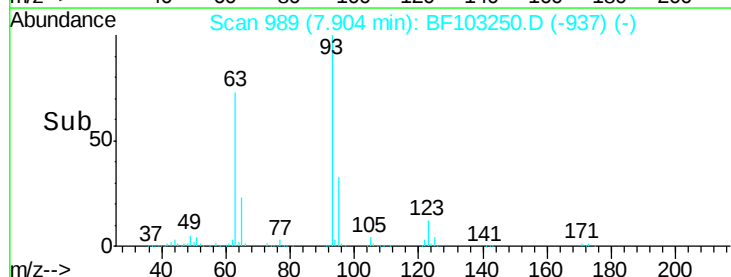
123 11.8 9.8 14.6

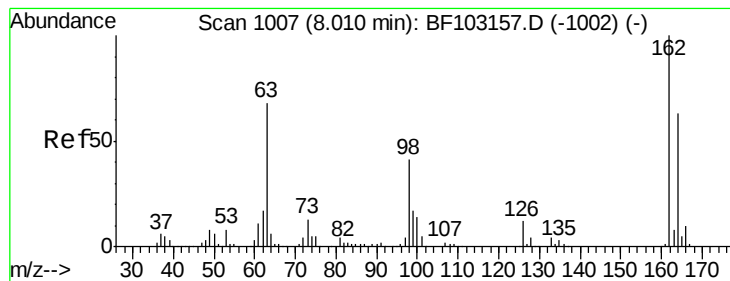


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.437 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

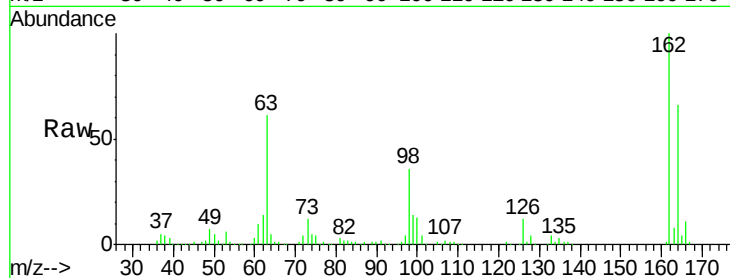
Tot Ion:162 Resp: 333916

Ion Ratio Lower Upper

162 100

164 66.1 42.7 82.7

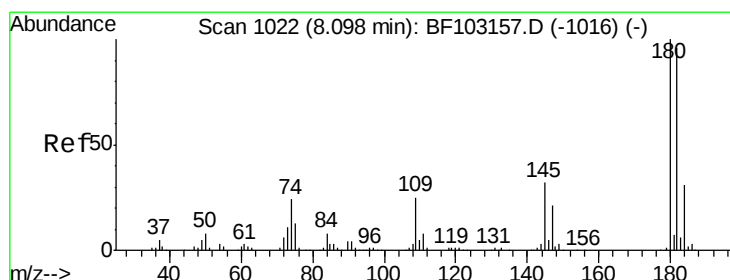
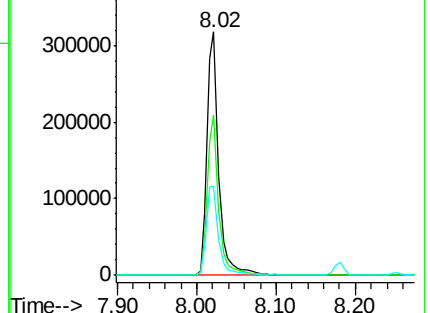
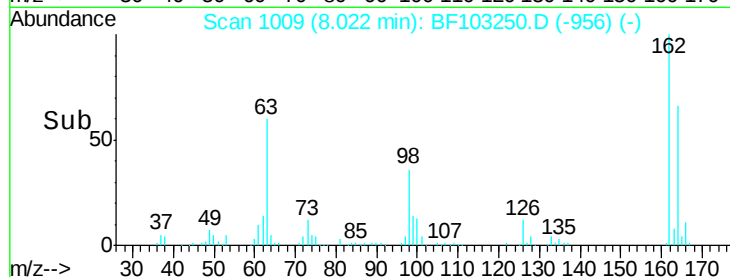
98 36.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.060 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

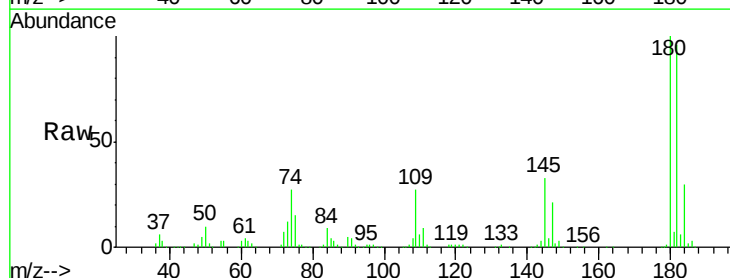
Tgt Ion:180 Resp: 326600

Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

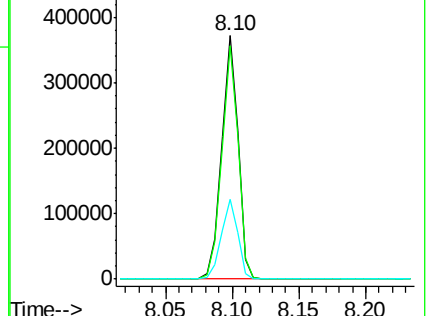
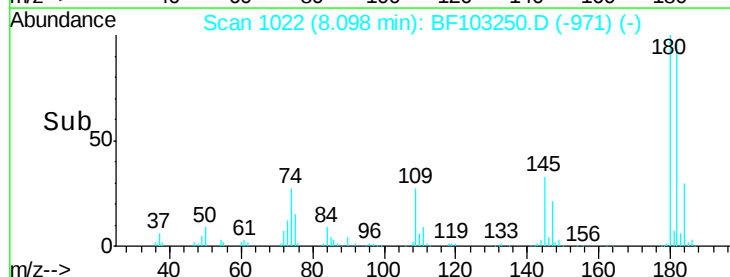
145 32.9 26.5 39.7

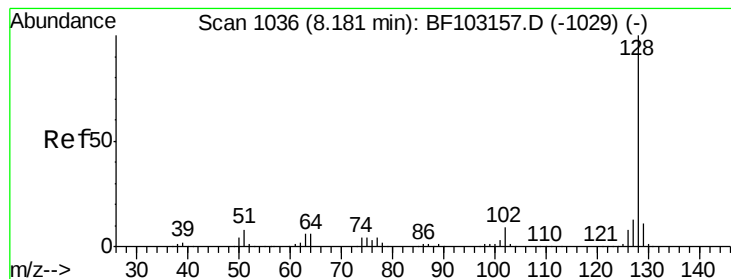


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.910 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

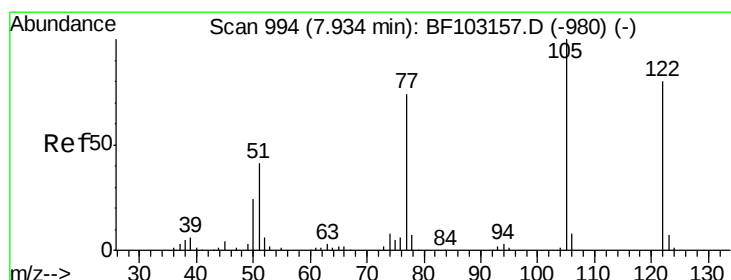
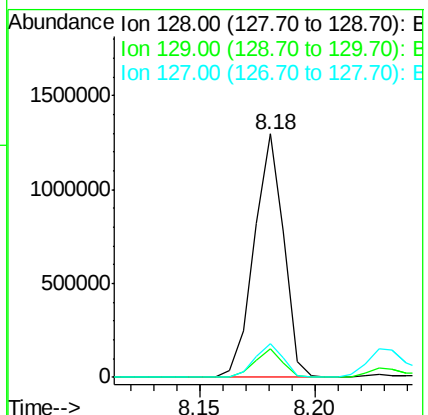
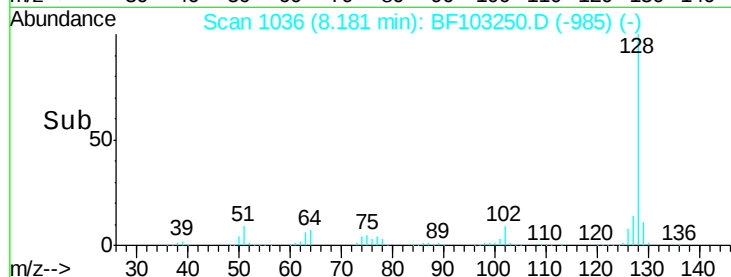
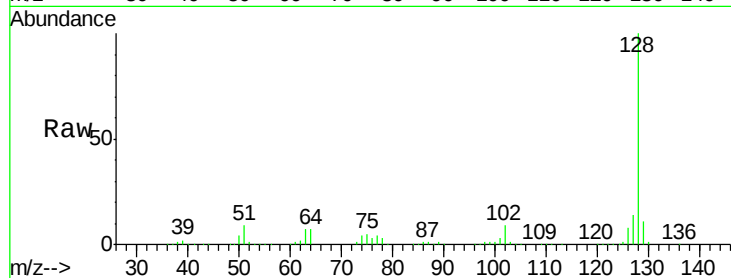
Tot Ion:128 Resp: 1155762

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 27.857 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

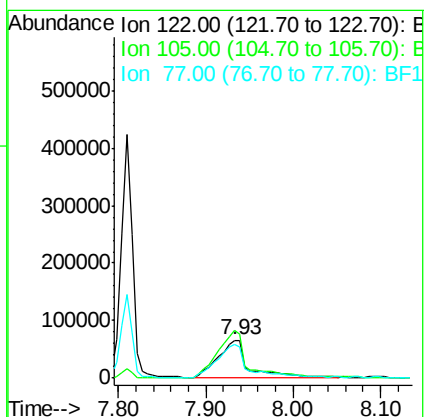
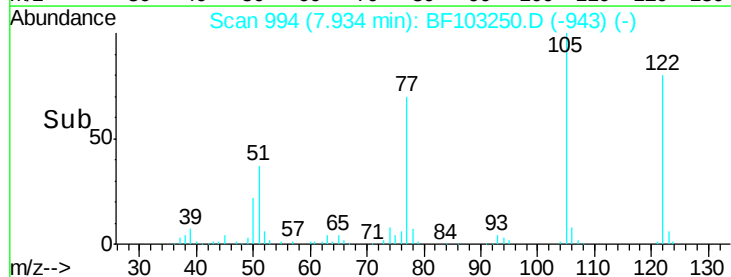
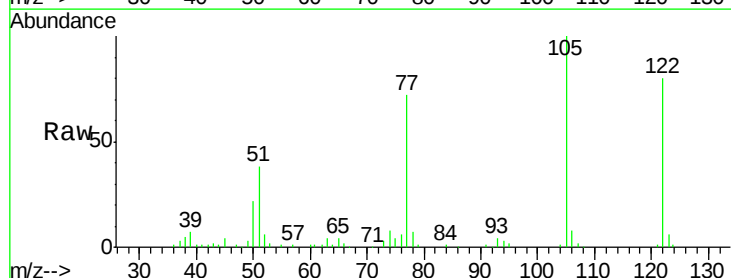
Tgt Ion:122 Resp: 152786

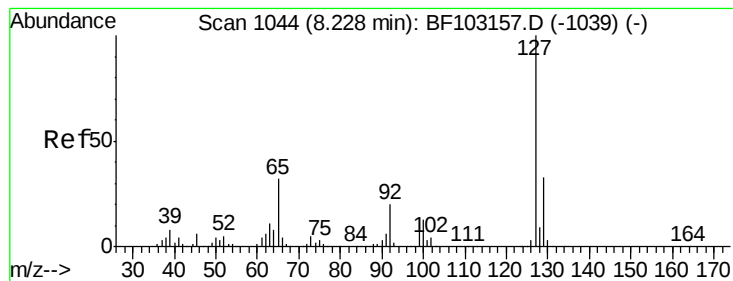
Ion Ratio Lower Upper

122 100

105 124.9 101.1 141.1

77 89.4 70.7 110.7





#33

4-Chloroaniline

Concen: 16.589 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

Tot Ion:127 Resp: 212630

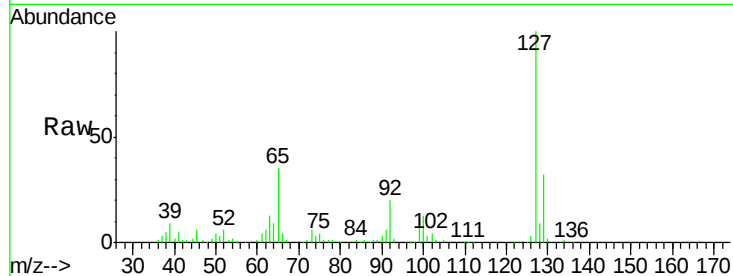
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 34.8 25.0 37.4

92 19.5 15.2 22.8

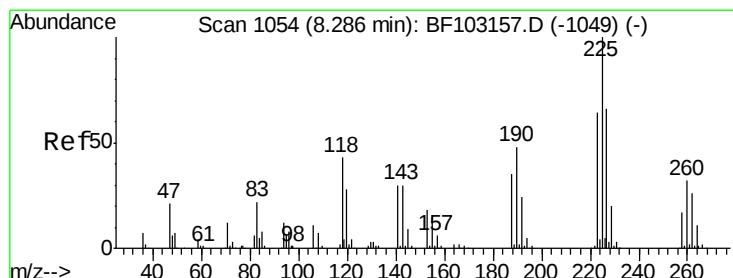
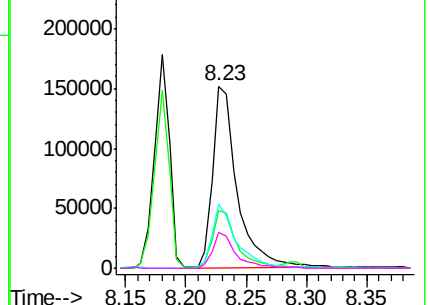
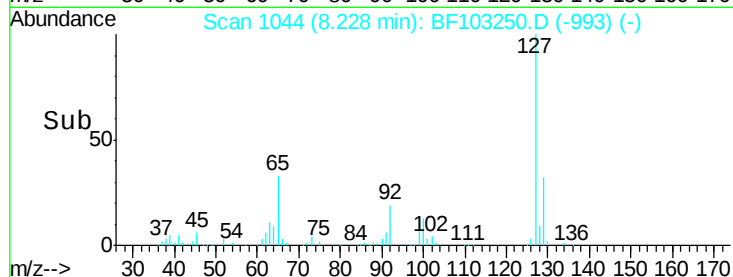


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.058 ng

RT: 8.29 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

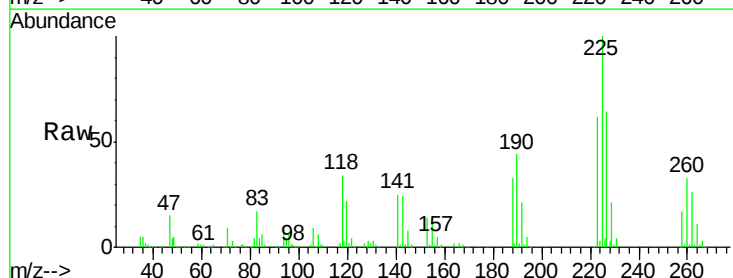
Tgt Ion:225 Resp: 165597

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

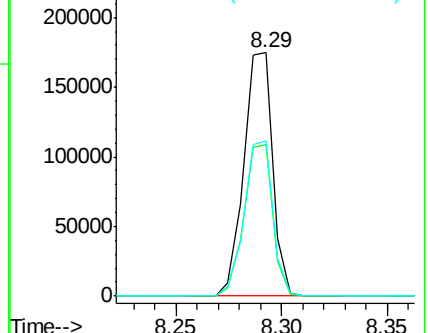
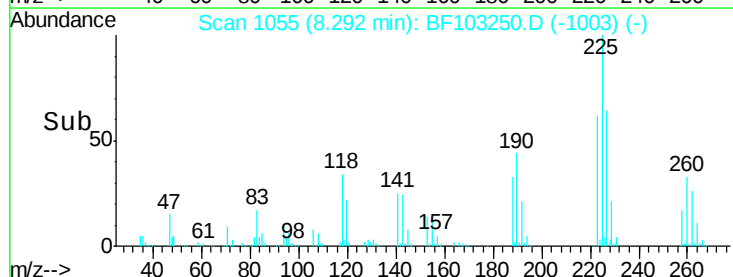
227 63.6 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

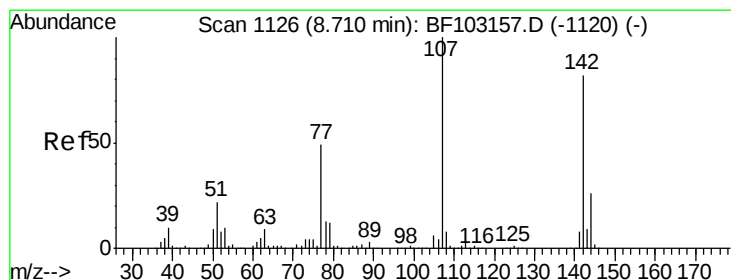
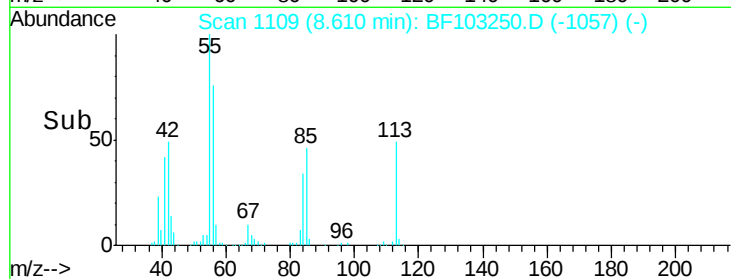
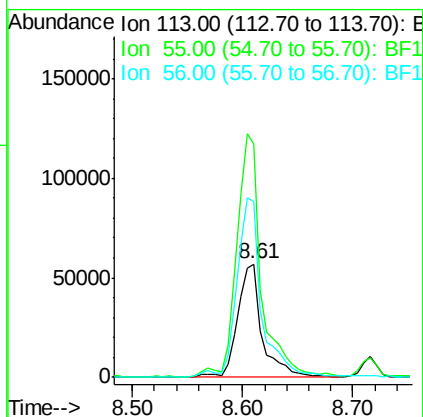
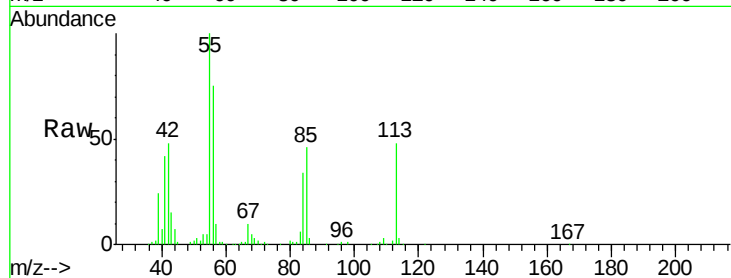




#35
 Caprolactam
 Concen: 31.563 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

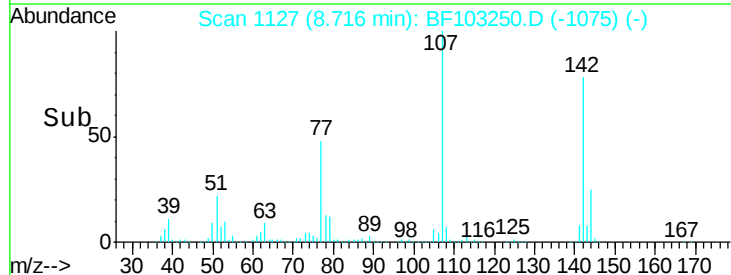
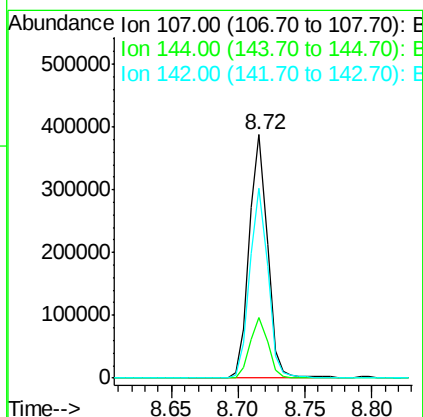
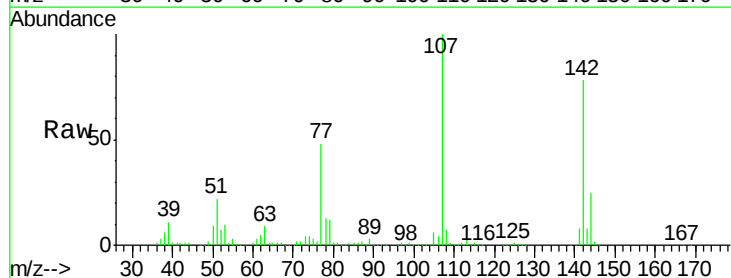
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

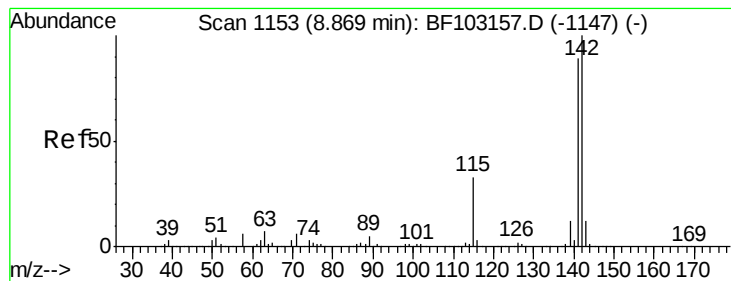
Tot Ion:113 Resp: 89392
 Ion Ratio Lower Upper
 113 100
 55 206.7 163.3 203.3#
 56 155.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.134 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:107 Resp: 364788
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 78.0 62.0 93.0

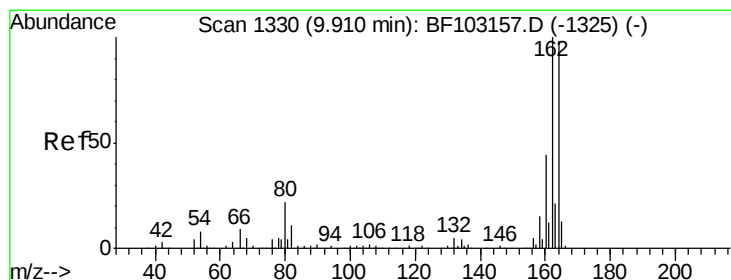
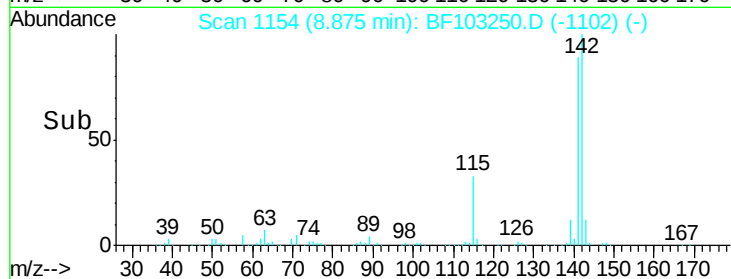
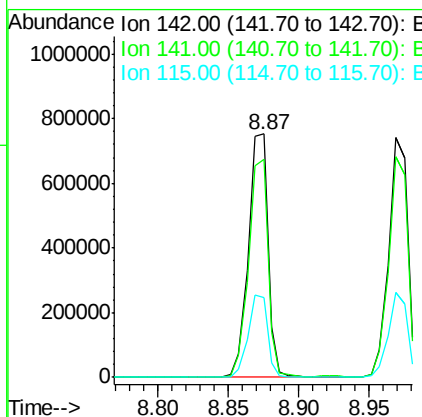
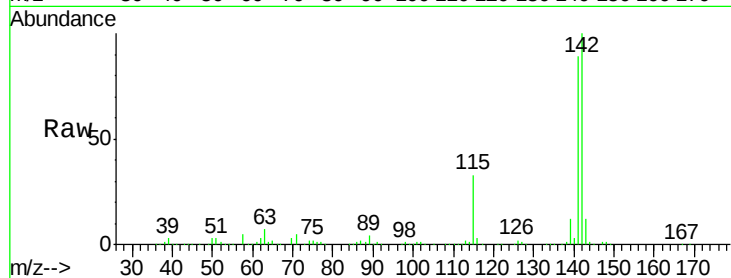




#37
2-Methylnaphthalene
Concen: 38.617 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

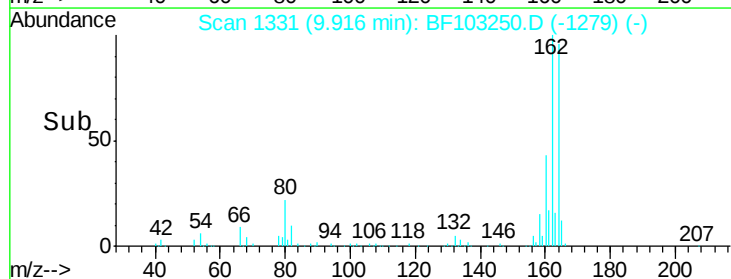
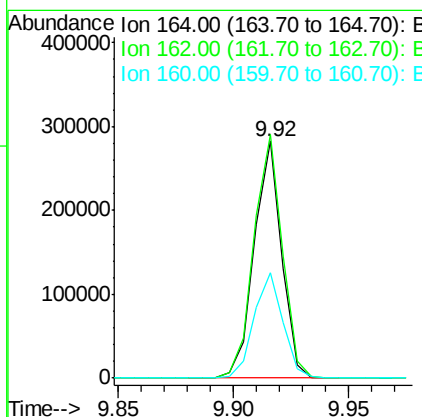
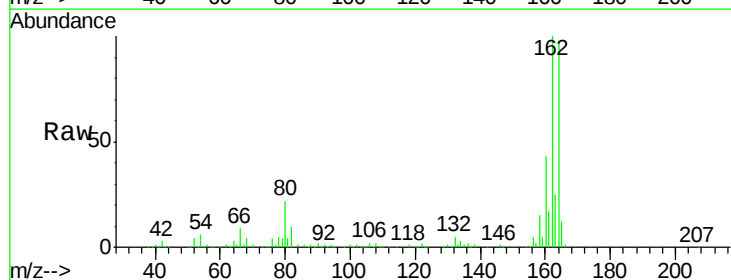
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

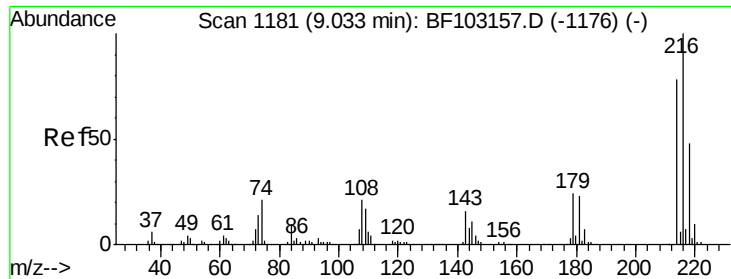
Tot Ion:142 Resp: 741331
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 32.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion:164 Resp: 233739
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 44.6 38.3 57.5

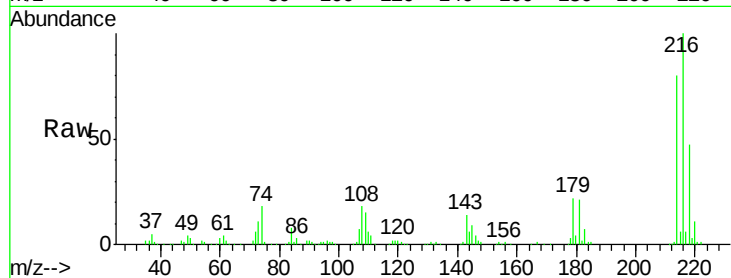




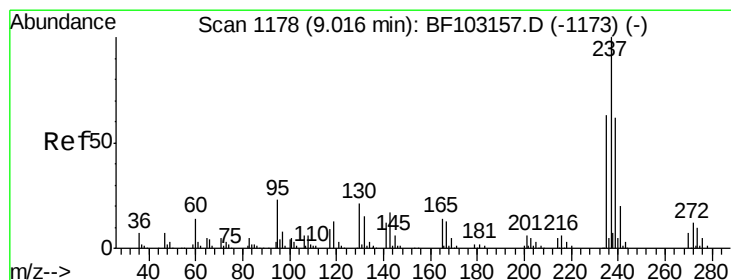
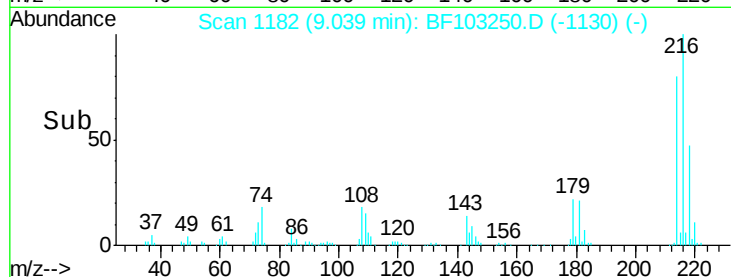
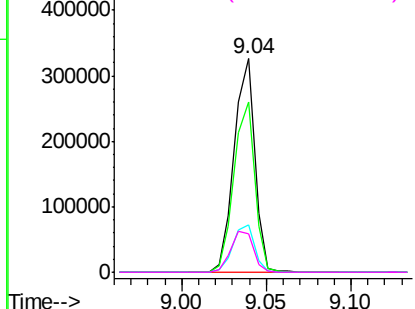
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.444 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

Tot Ion:	216	Resp:	277606
Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.0	94.4
179	23.1	18.1	27.1
108	21.5	17.2	25.8

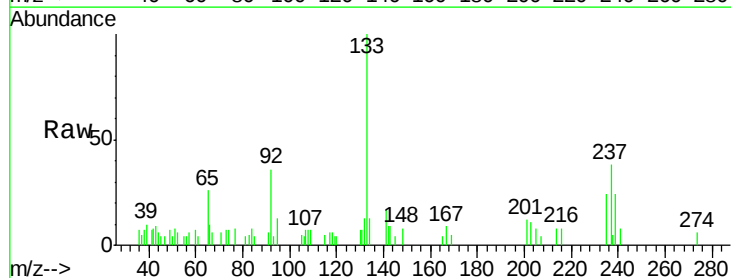


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

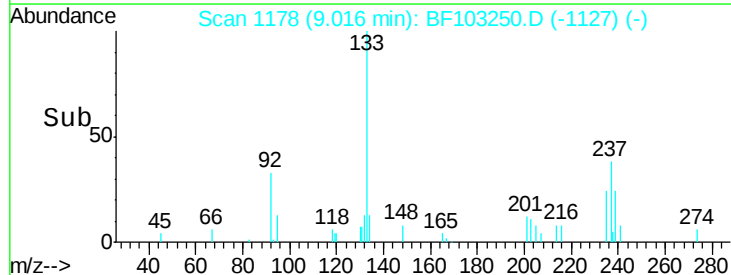
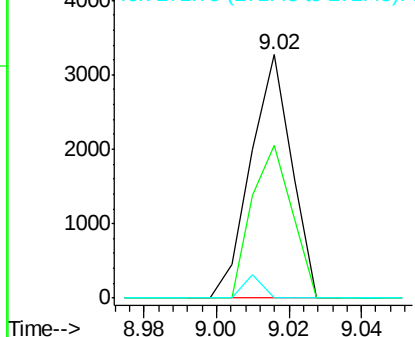


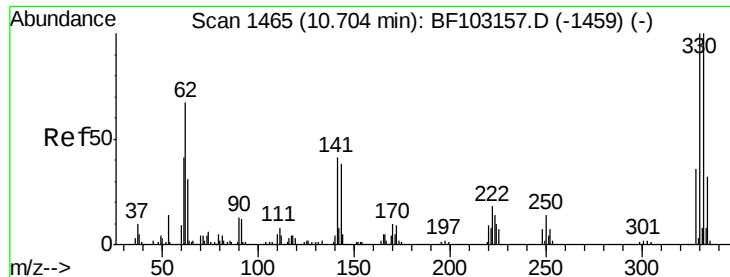
#40
 Hexachlorocyclopentadiene
 Concen: 9.901 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:	237	Resp:	2583
Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.8	84.8
272	0.0	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 104.466 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

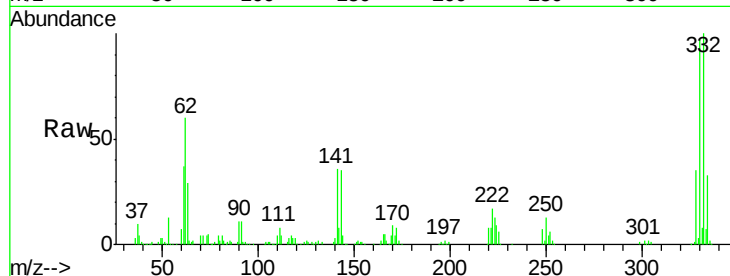
Tot Ion:330 Resp: 206684

Ion Ratio Lower Upper

330 100

332 104.1 77.0 115.6

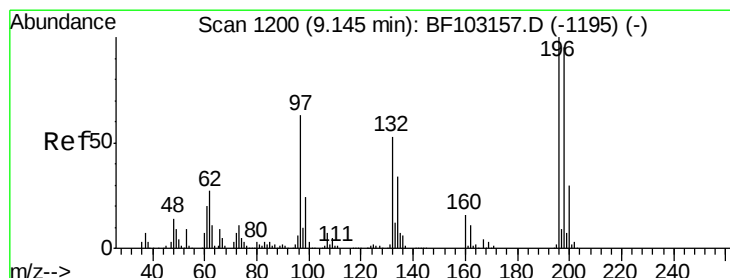
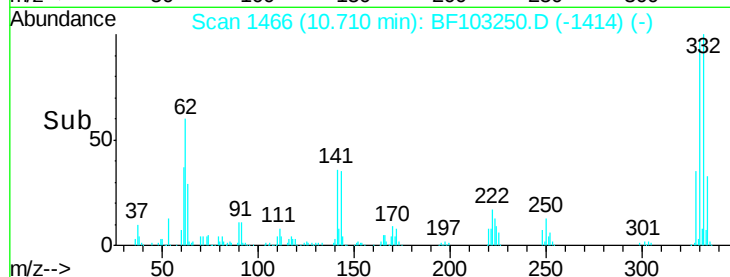
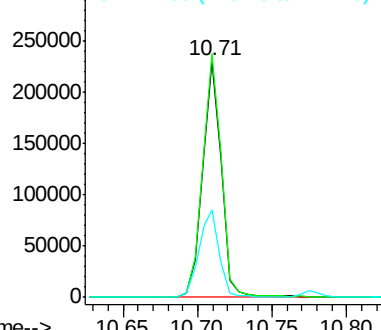
141 39.6 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 45.439 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

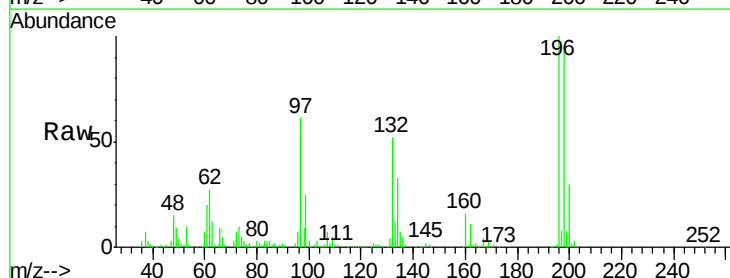
Tgt Ion:196 Resp: 195373

Ion Ratio Lower Upper

196 100

198 94.7 75.7 113.5

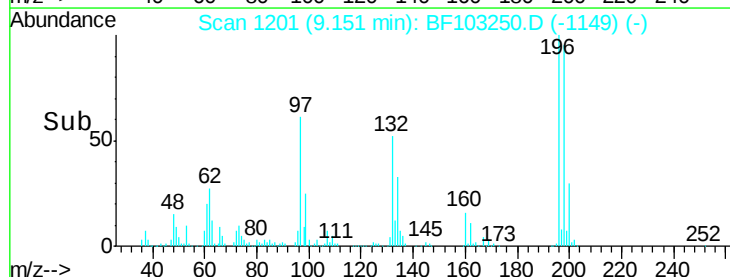
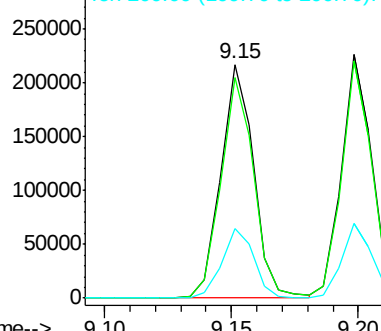
200 29.7 24.5 36.7

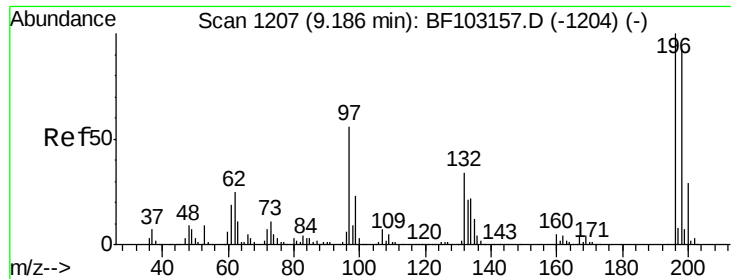


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

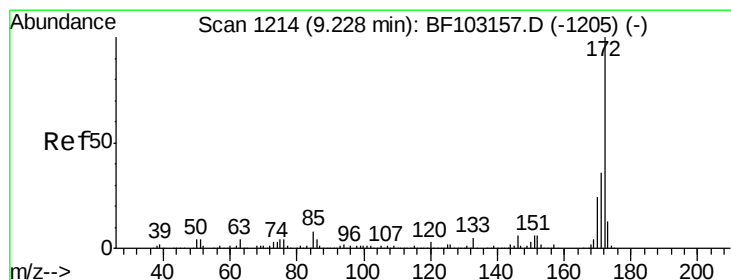
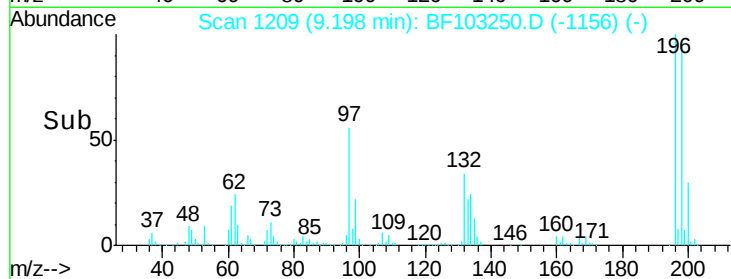
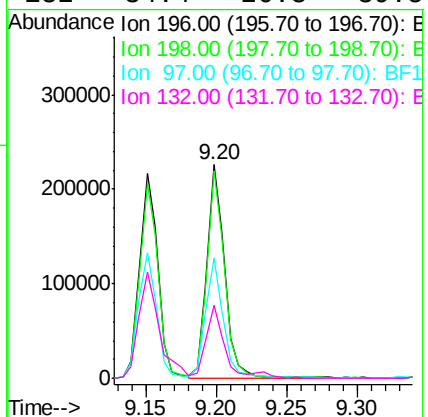
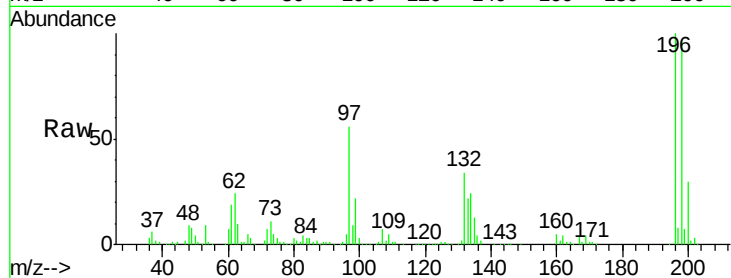




#43
 2,4,5-Trichlorophenol
 Concen: 39.729 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

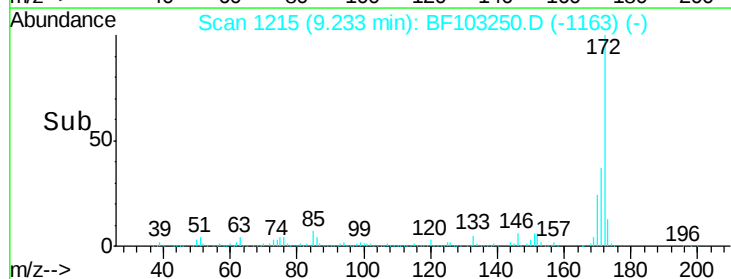
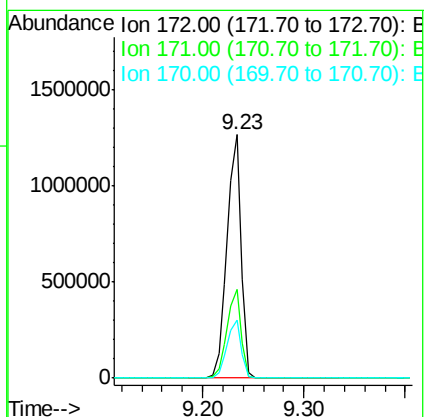
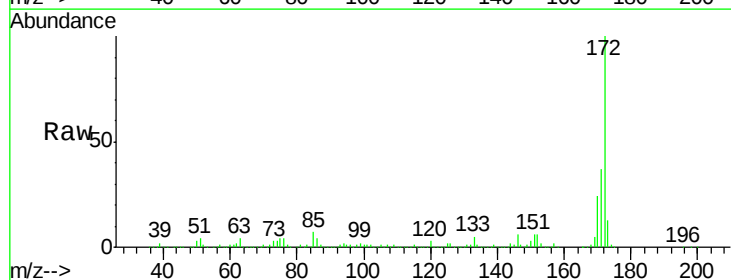
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

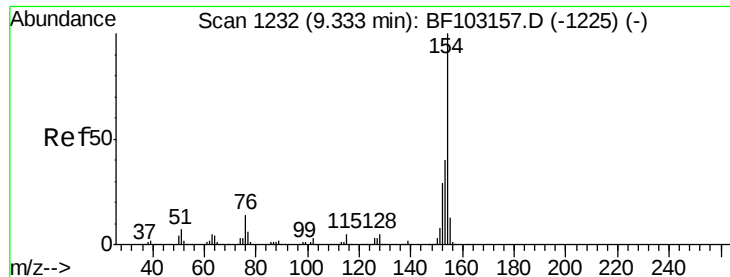
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	56.1	42.9	64.3
132	34.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 92.512 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

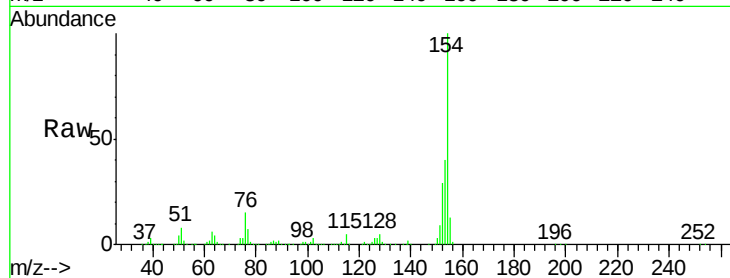




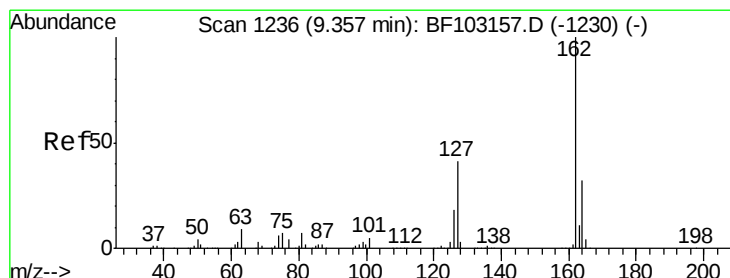
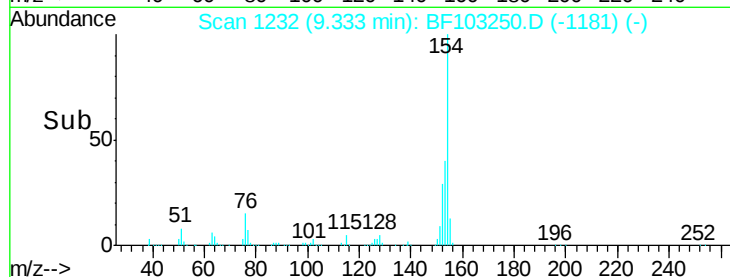
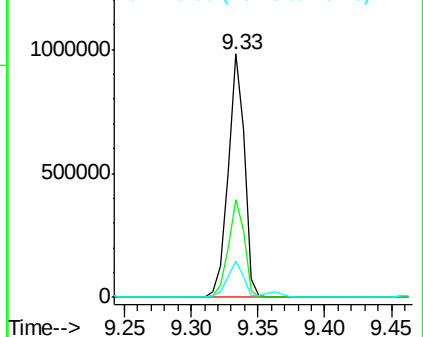
#45
 1,1'-Biphenyl
 Concen: 43.180 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

Tot Ion:	154	Resp:	845741
Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	14.7	0.0	34.0

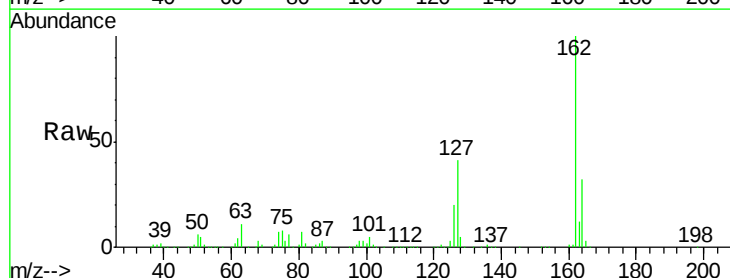


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

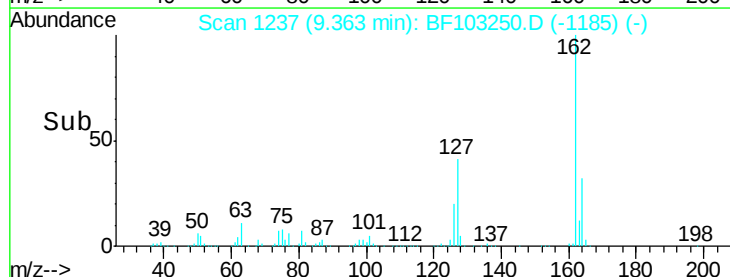
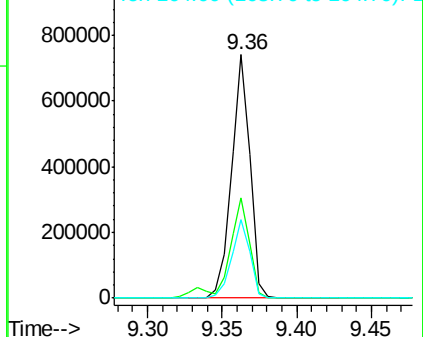


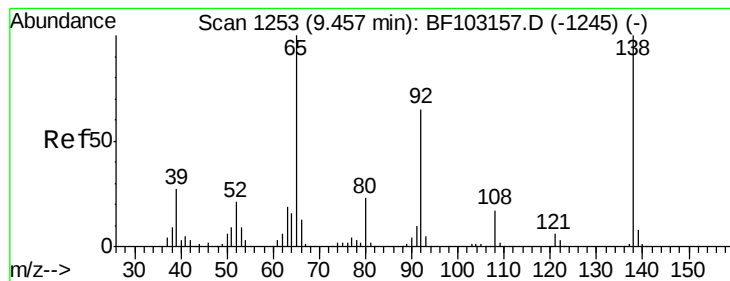
#46
 2-Chloronaphthalene
 Concen: 41.968 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:	162	Resp:	650308
Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.3	26.5	39.7



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





#47

2-Nitroaniline

Concen: 48.757 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

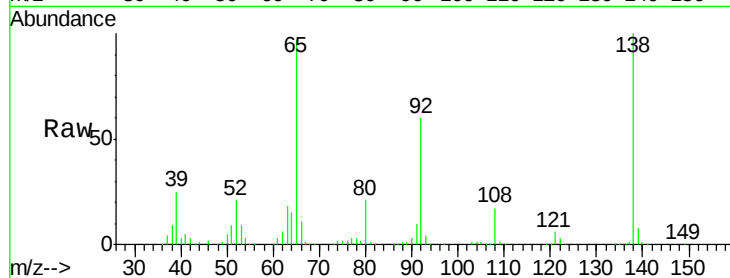
Tot Ion: 65 Resp: 279854

Ion Ratio Lower Upper

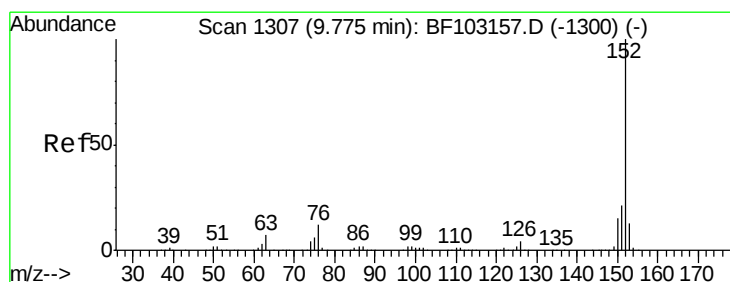
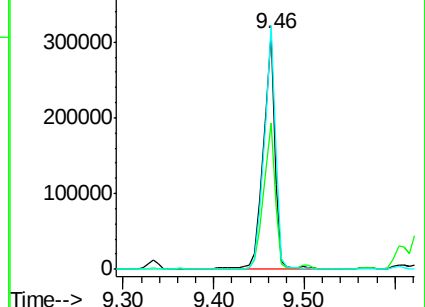
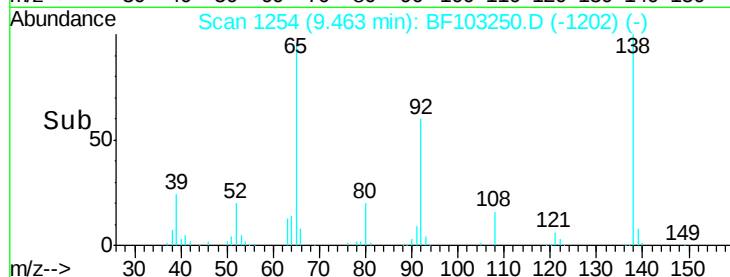
65 100

92 62.2 55.8 83.6

138 103.2 91.2 136.8



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



#48

Acenaphthylene

Concen: 40.884 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

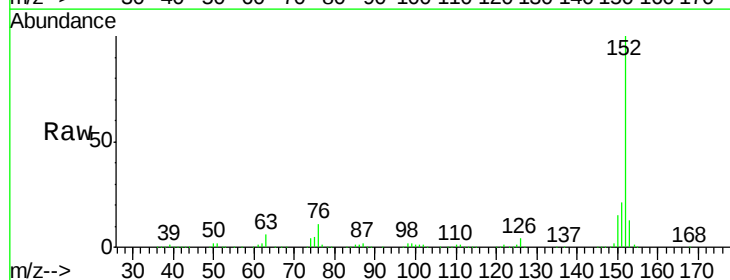
Tgt Ion: 152 Resp: 974723

Ion Ratio Lower Upper

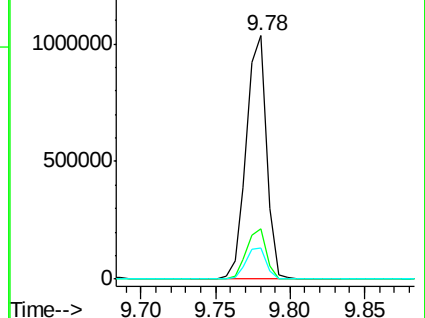
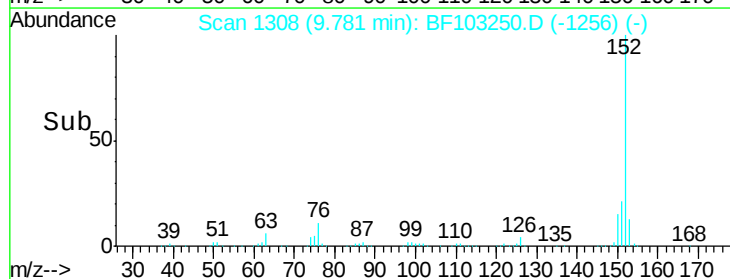
152 100

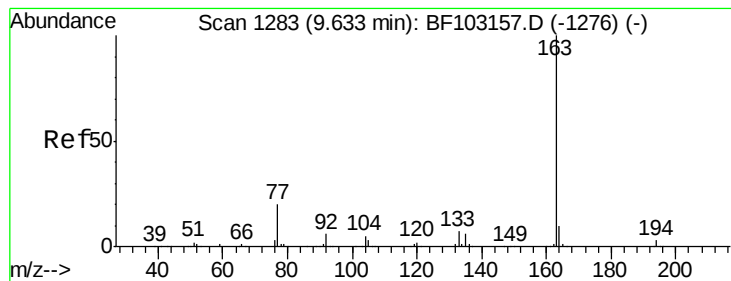
151 20.6 16.3 24.5

153 12.8 10.7 16.1



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





#49

Dimethylphthalate

Concen: 43.463 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

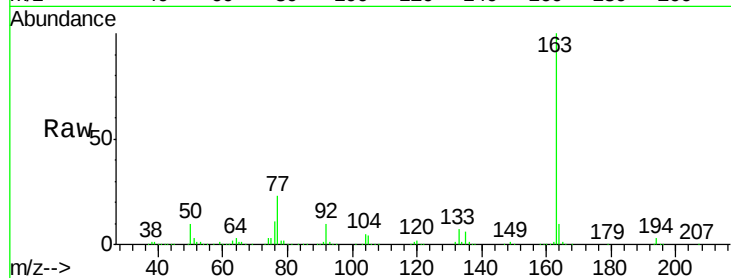
Tot Ion:163 Resp: 814963

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

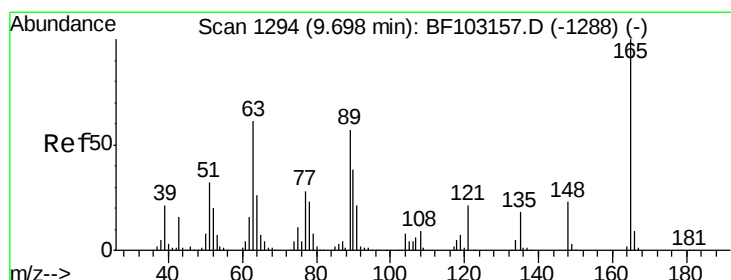
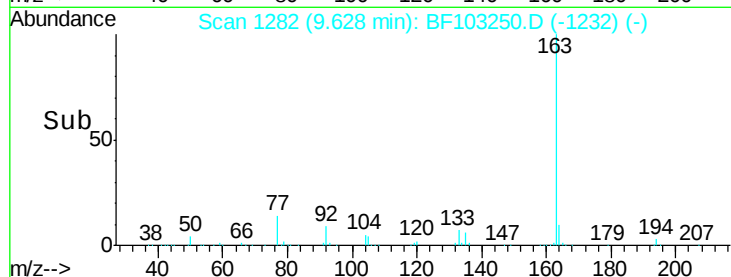
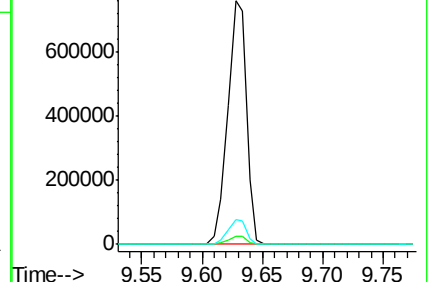
164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 35.417 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

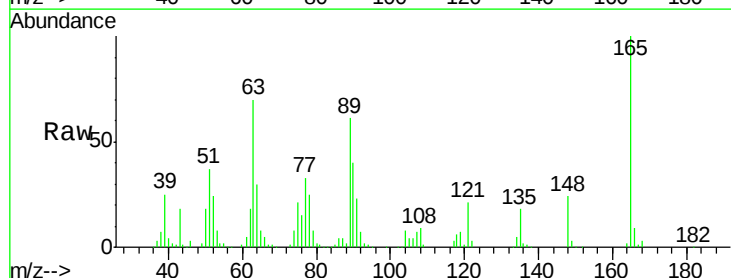
Tgt Ion:165 Resp: 139363

Ion Ratio Lower Upper

165 100

63 70.5 44.7 67.1#

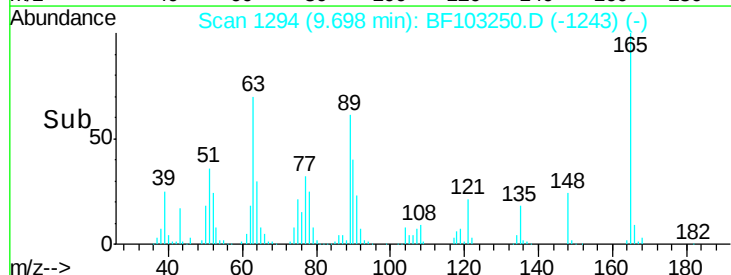
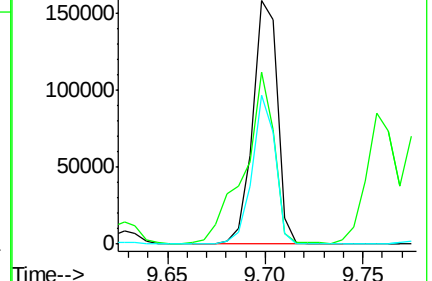
89 61.0 44.0 66.0

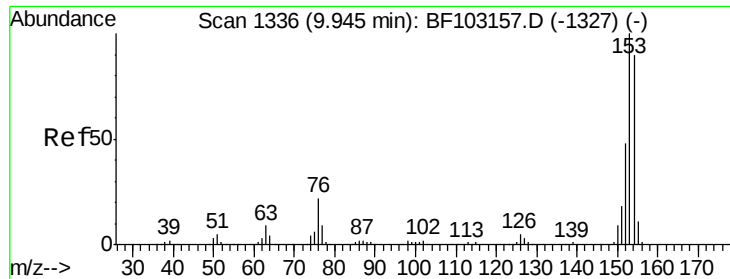


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.673 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

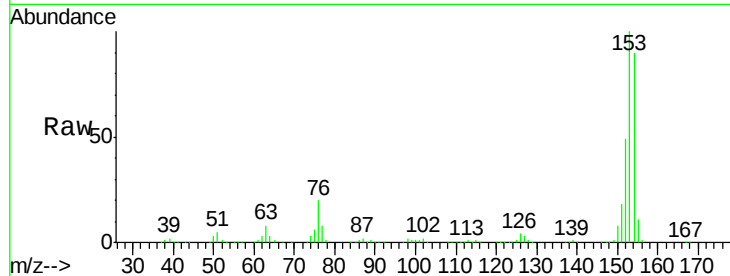
Tot Ion:154 Resp: 551530

Ion Ratio Lower Upper

154 100

153 111.6 91.2 136.8

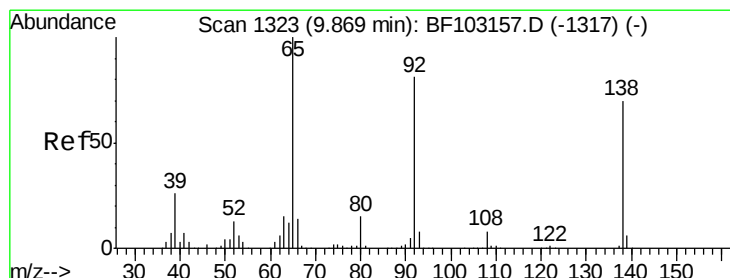
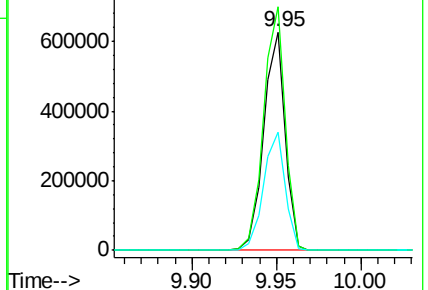
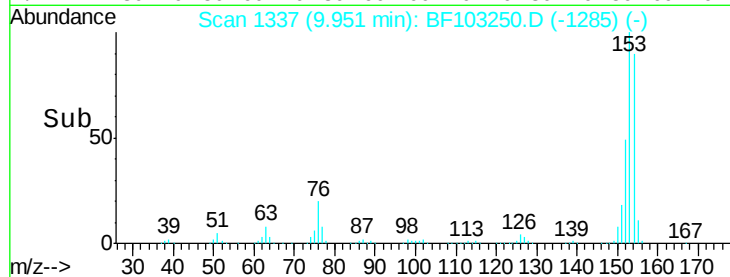
152 54.4 43.8 65.8



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



#52

3-Nitroaniline

Concen: 44.588 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

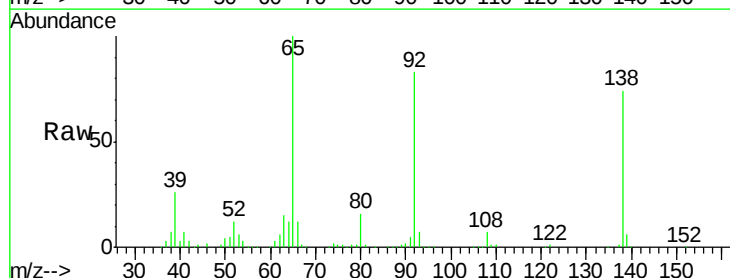
Tgt Ion:138 Resp: 222600

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

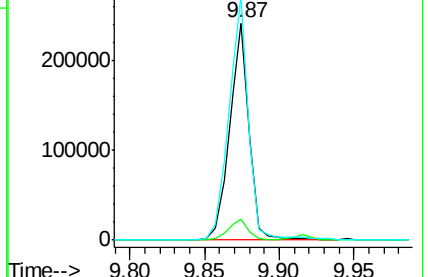
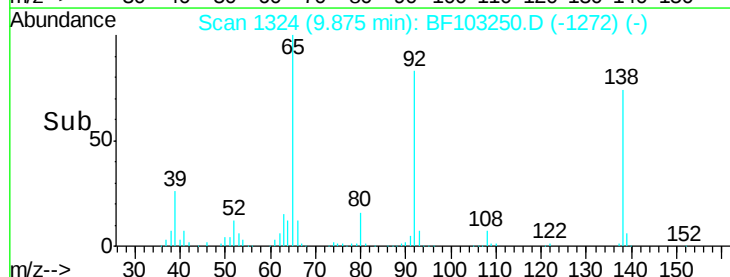
92 112.2 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

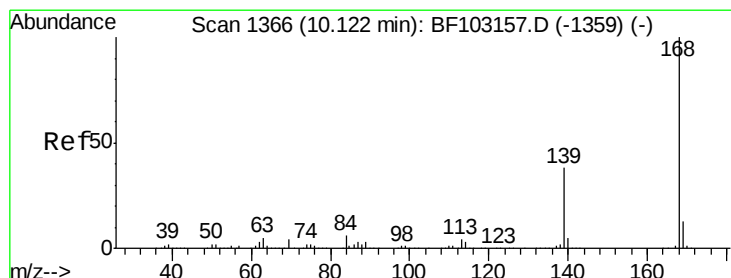
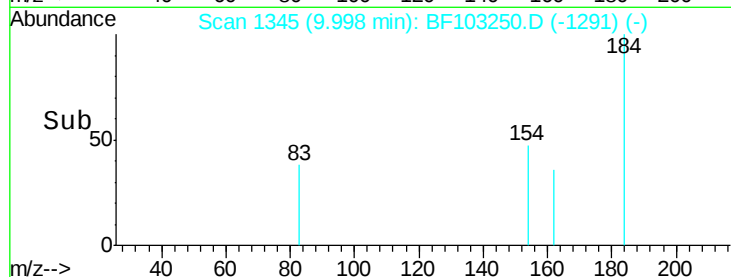
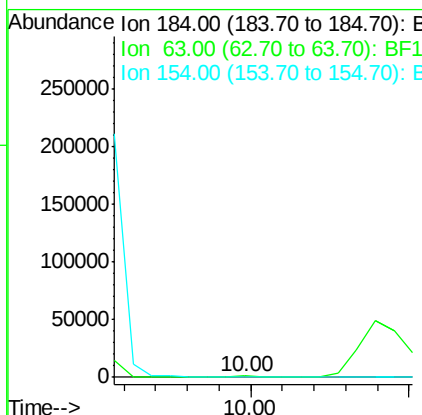
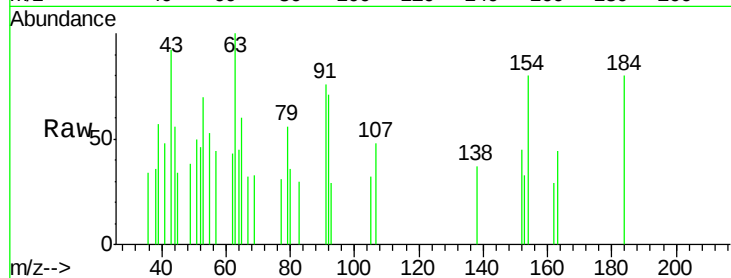




#53
 2,4-Dinitrophenol
 Concen: 10.280 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.02 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

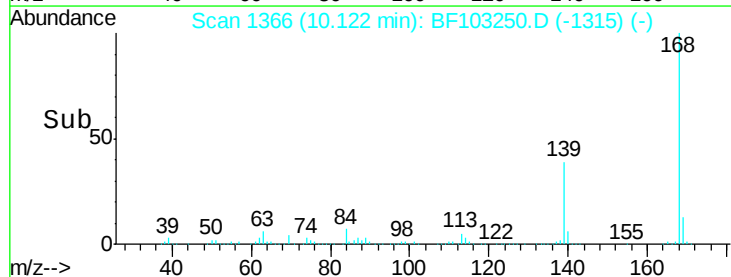
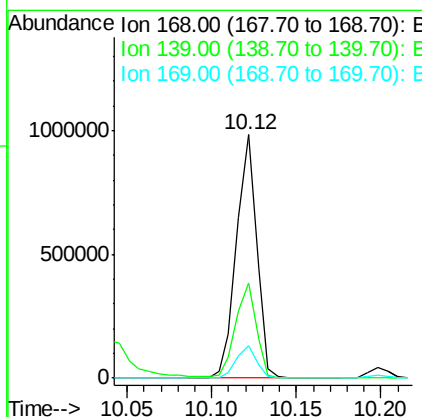
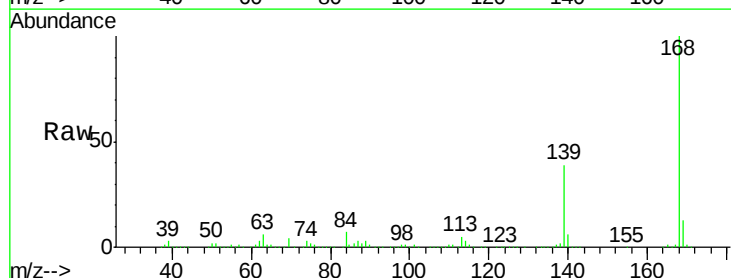
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

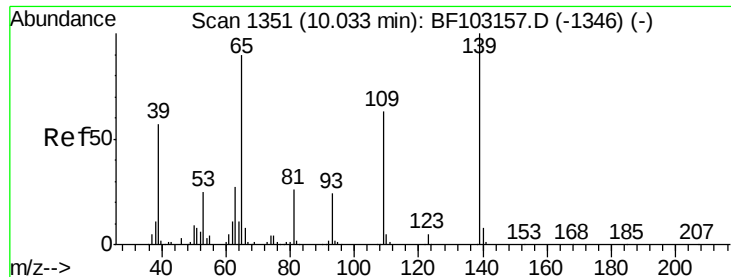
Tot Ion:184 Resp: 1064
 Ion Ratio Lower Upper
 184 100
 63 124.9 54.2 81.2#
 154 99.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.084 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:168 Resp: 822210
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.5 10.9 16.3

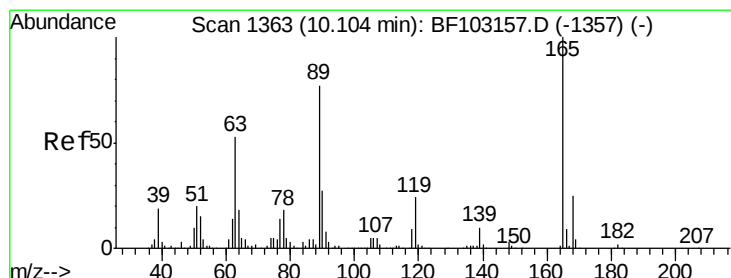
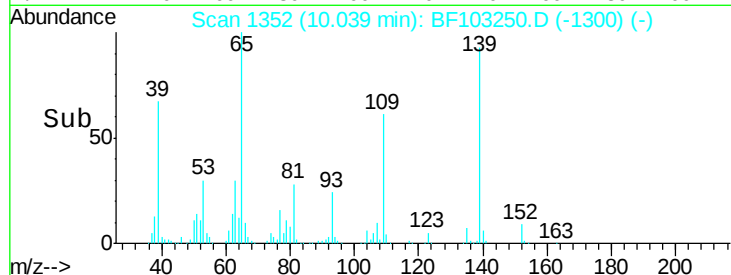
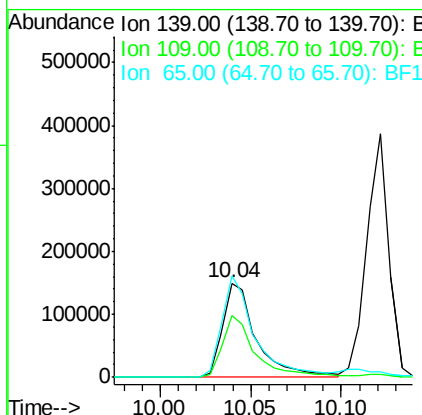
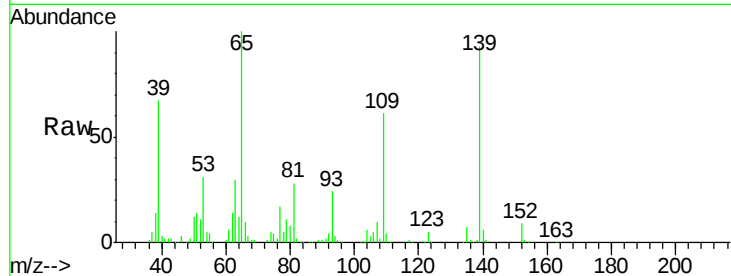




#55
4-Nitrophenol
Concen: 63.379 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

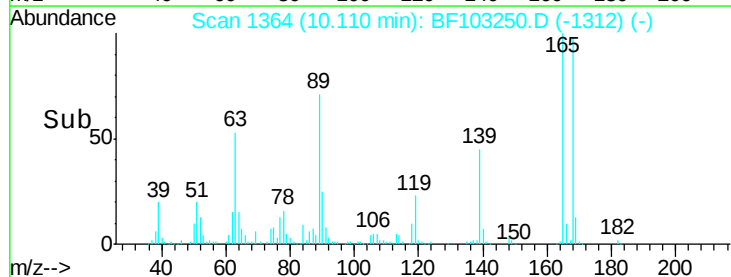
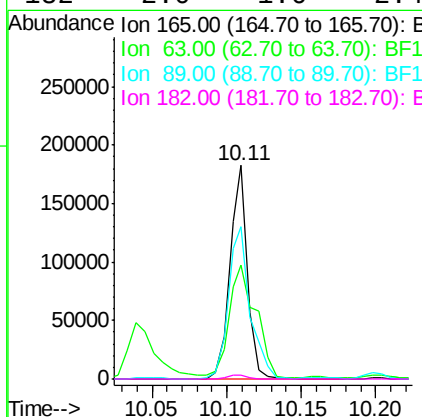
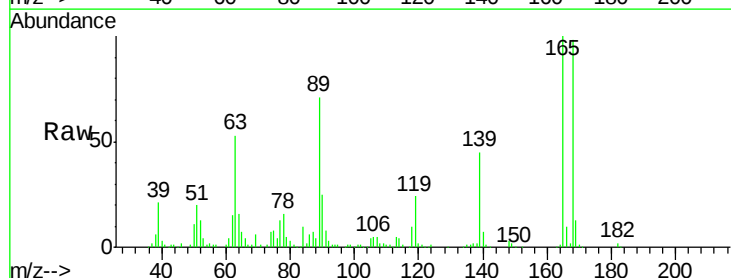
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

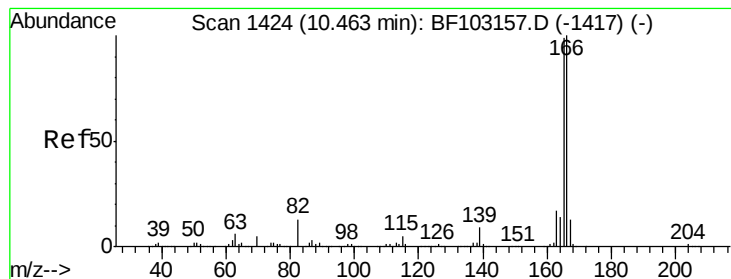
Tot Ion:139 Resp: 196103
Ion Ratio Lower Upper
139 100
109 65.2 48.4 88.4
65 107.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 30.390 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion:165 Resp: 151241
Ion Ratio Lower Upper
165 100
63 53.2 36.4 54.6
89 71.1 57.8 86.6
182 2.0 1.6 2.4





#57

Fluorene

Concen: 37.927 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

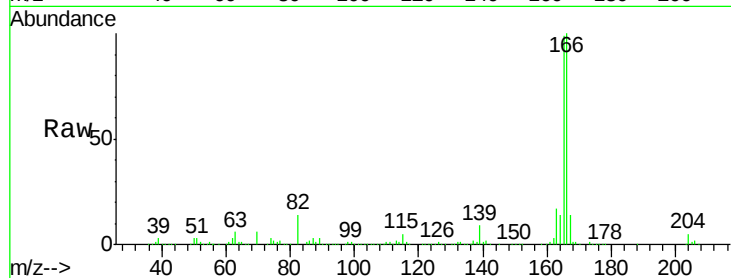
Tot Ion:166 Resp: 616578

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

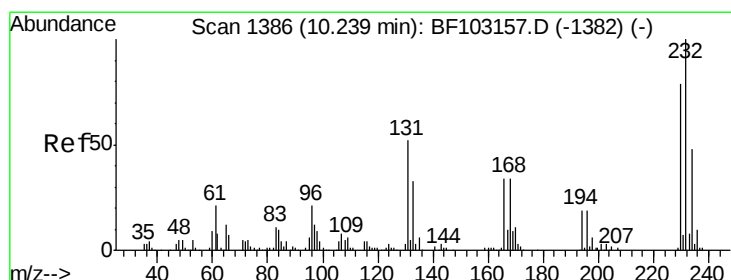
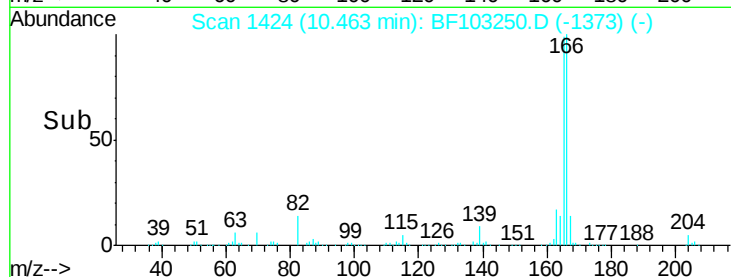
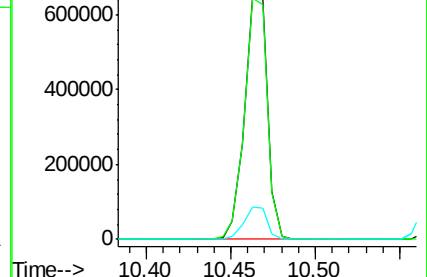
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.538 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Tgt Ion:232 Resp: 141312

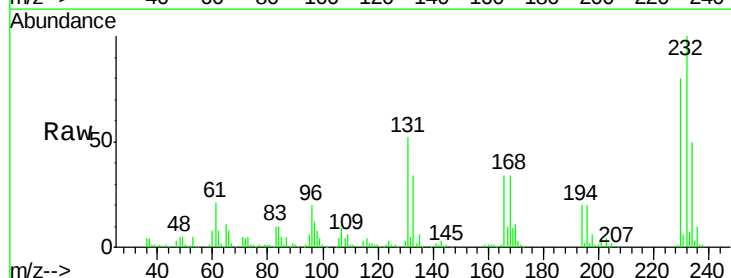
Ion Ratio Lower Upper

232 100

131 55.4 43.8 65.8

130 2.6 2.1 3.1

166 35.0 27.8 41.6

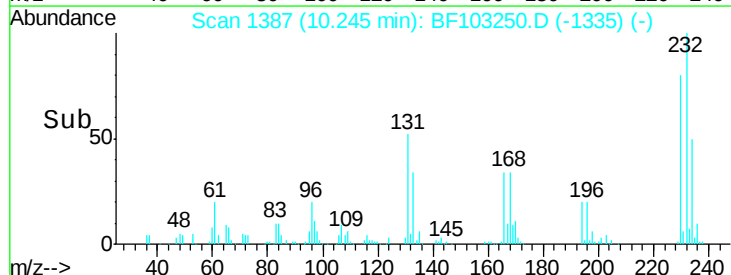
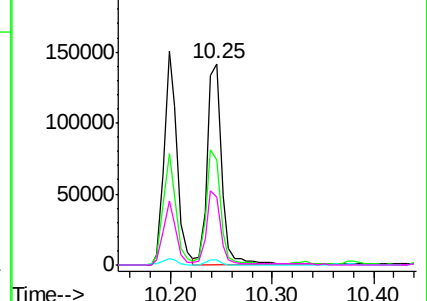


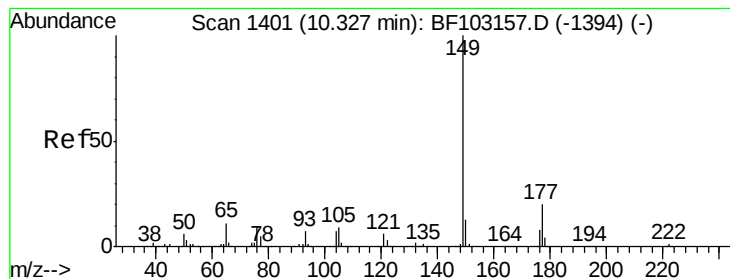
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.565 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

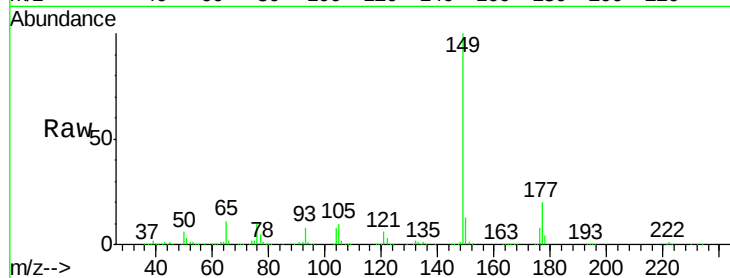
Tot Ion:149 Resp: 817154

Ion Ratio Lower Upper

149 100

177 20.1 16.1 24.1

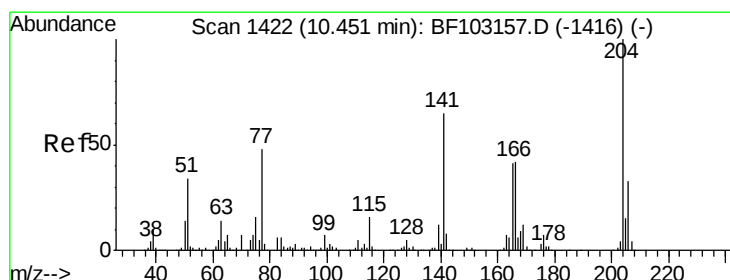
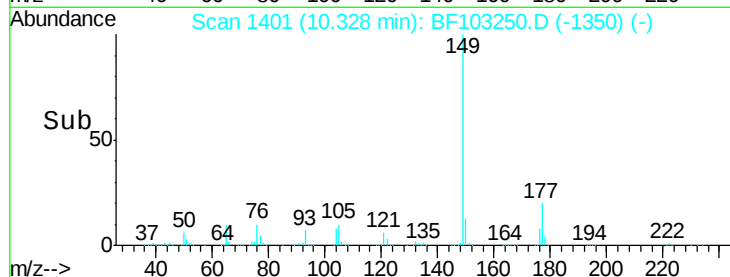
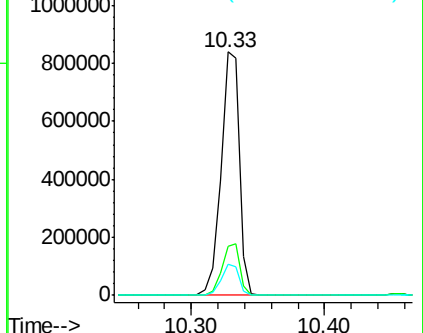
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.987 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

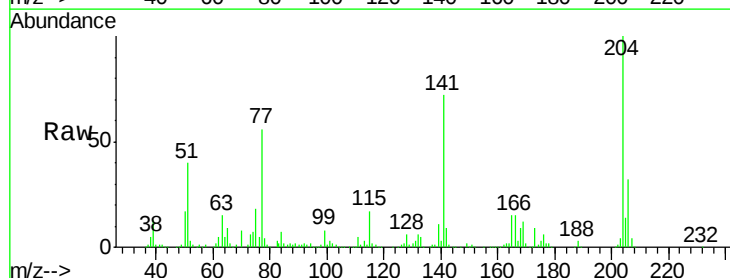
Tgt Ion:204 Resp: 282562

Ion Ratio Lower Upper

204 100

206 31.8 26.5 39.7

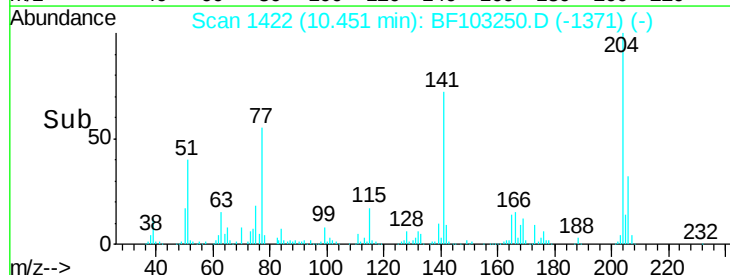
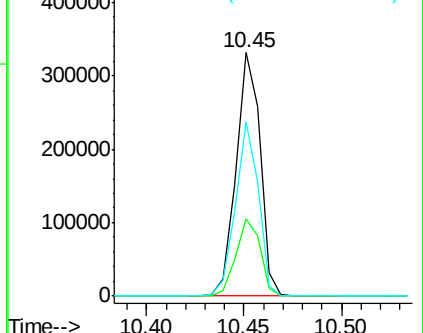
141 71.7 54.6 81.8

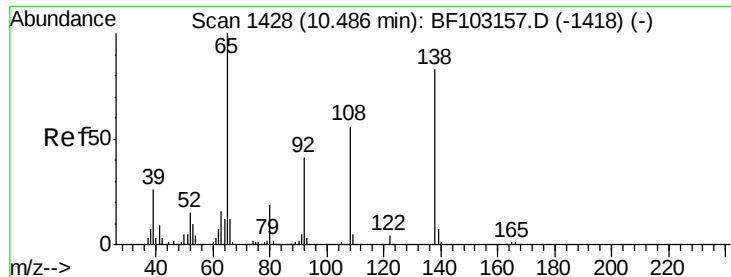


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.105 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

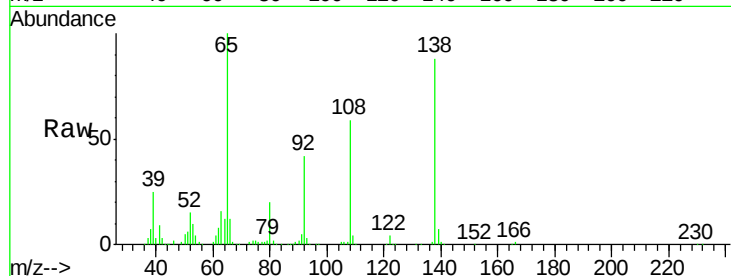
Tot Ion:138 Resp: 224916

Ion Ratio Lower Upper

138 100

92 47.6 30.2 70.2

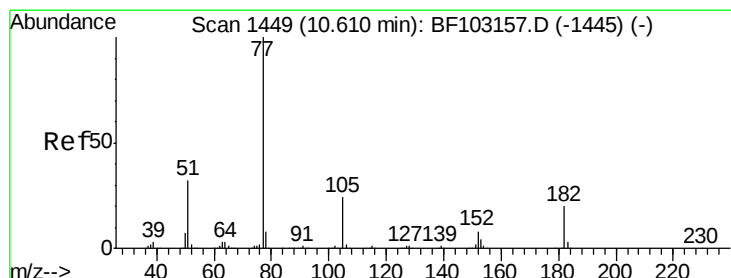
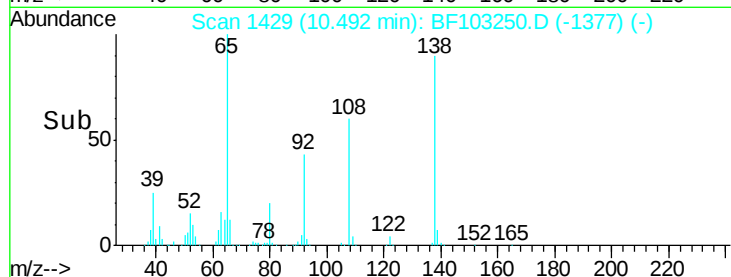
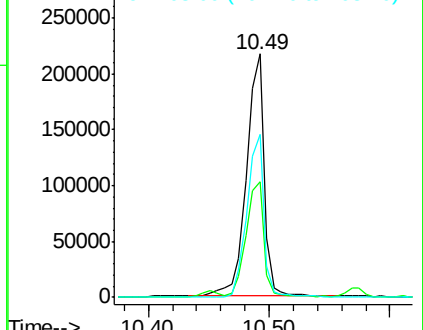
108 67.0 52.5 92.5



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



#62

Azobenzene

Concen: 39.989 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Tgt Ion: 77 Resp: 729983

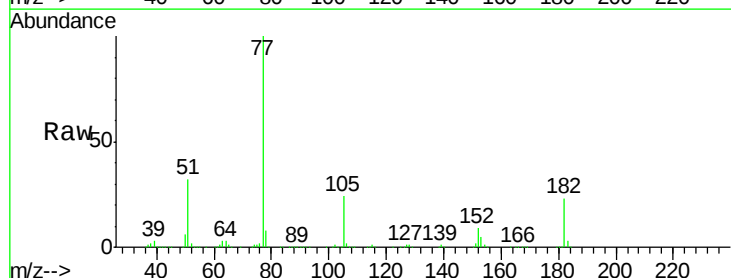
Ion Ratio Lower Upper

77 100

182 23.1 1.7 41.7

105 24.4 3.0 43.0

51 31.6 9.9 49.9

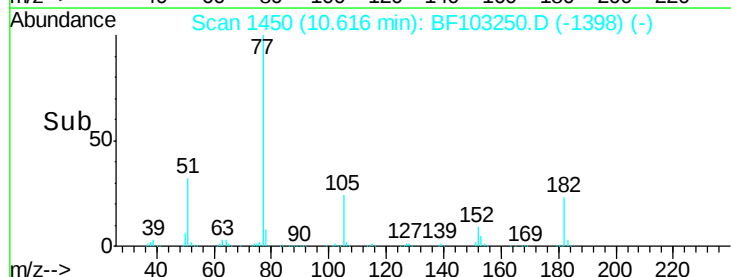
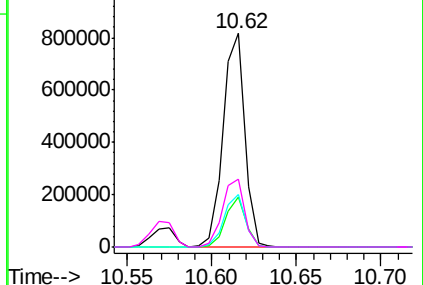


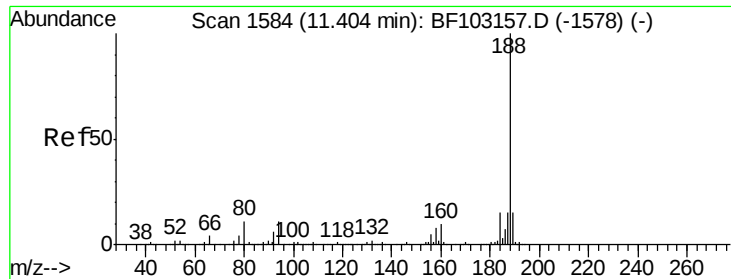
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

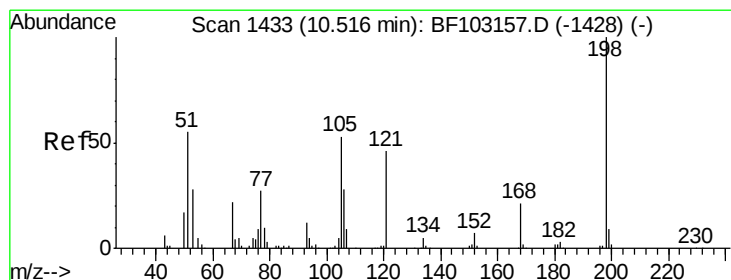
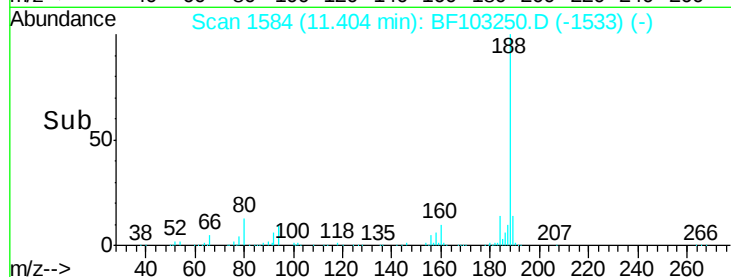
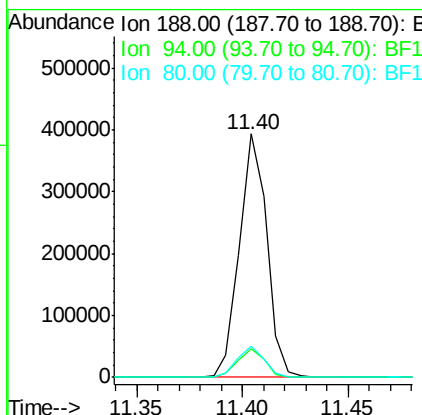
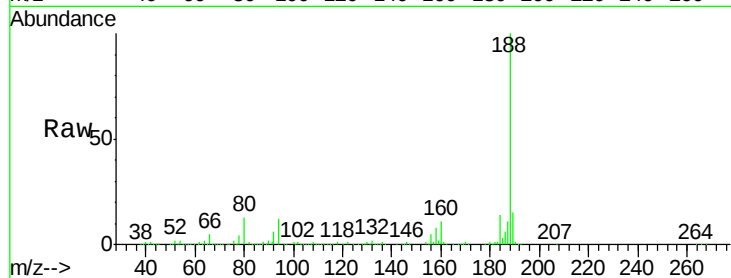




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

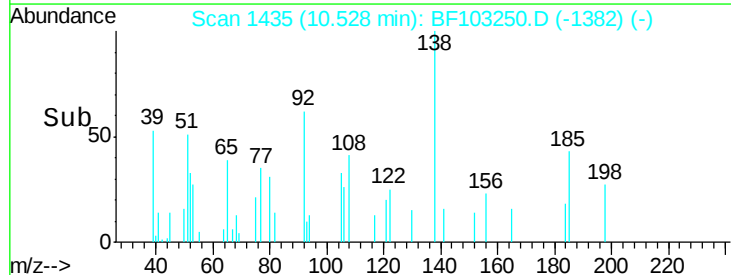
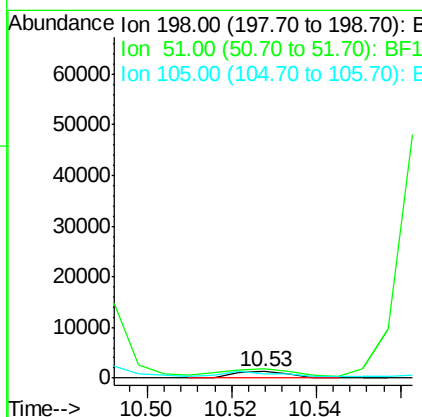
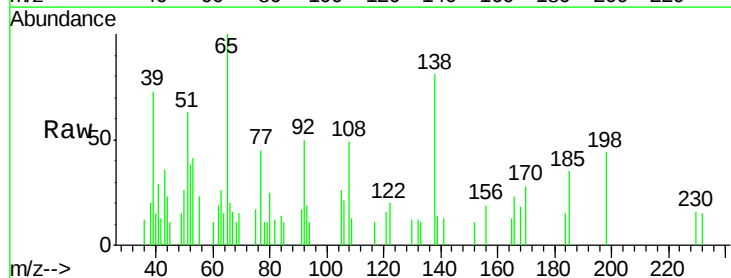
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

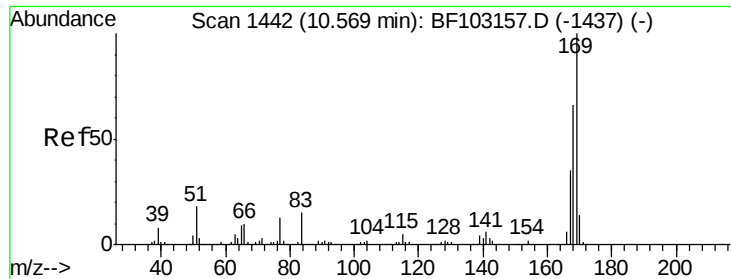
Tot Ion:188 Resp: 353704
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.414 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion:198 Resp: 1124
Ion Ratio Lower Upper
198 100
51 142.6 37.7 77.7#
105 60.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 45.531 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

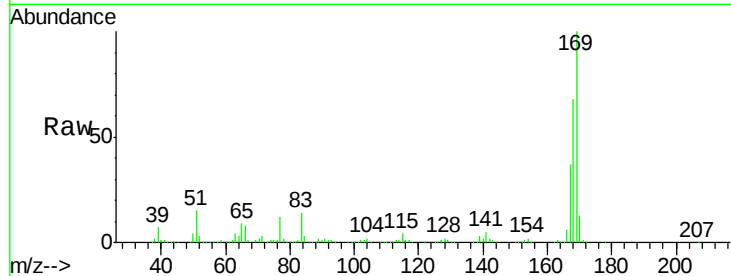
Tot Ion:169 Resp: 560737

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

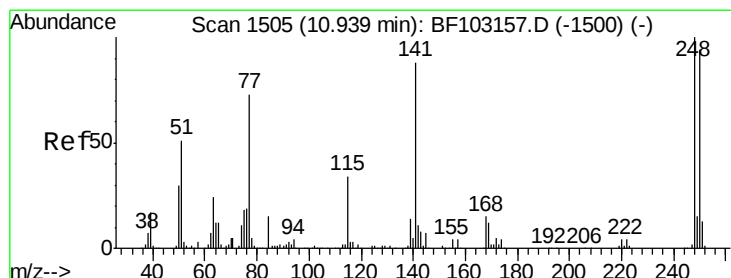
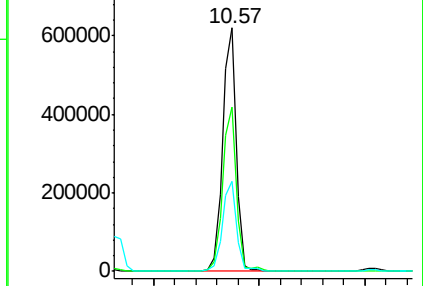
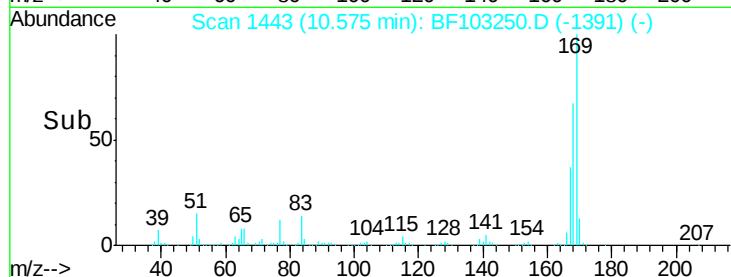
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.817 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

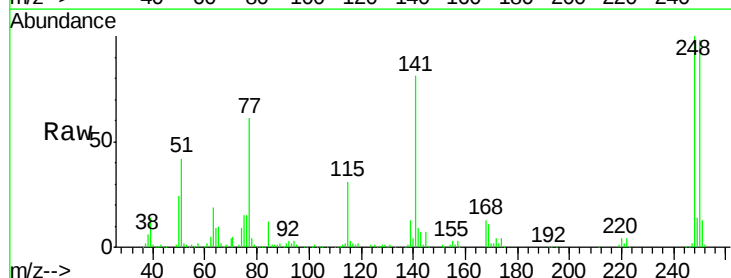
Tgt Ion:248 Resp: 165131

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

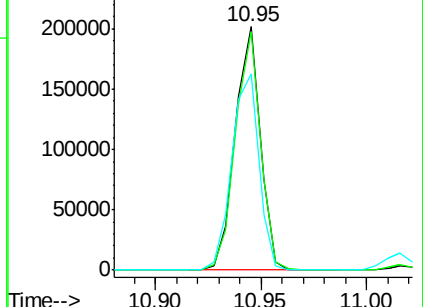
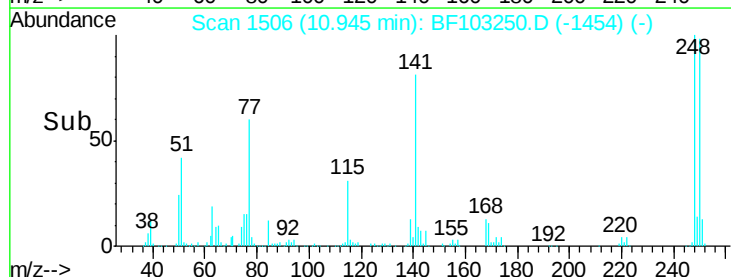
141 80.7 74.4 111.6

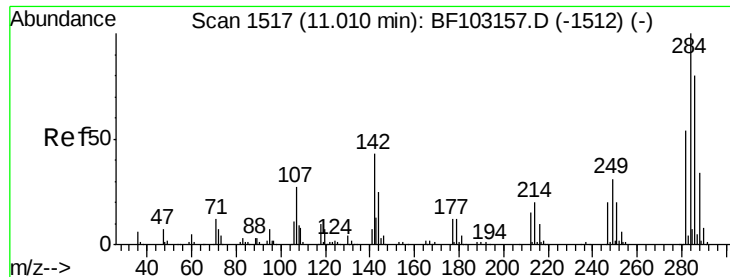


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

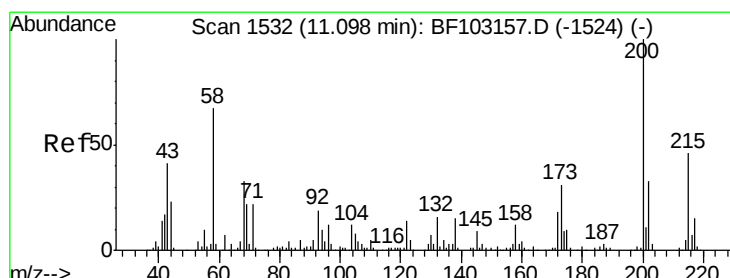
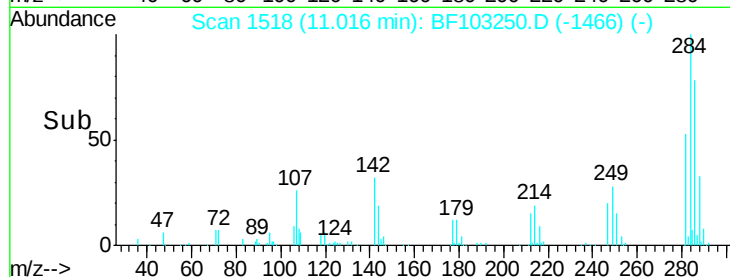
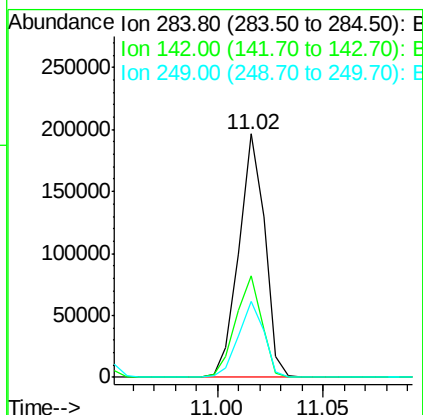
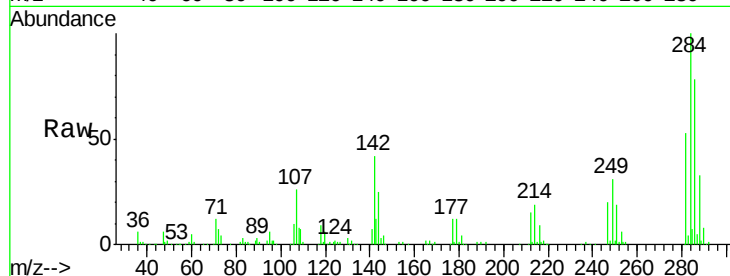




#67
Hexachlorobenzene
Concen: 41.592 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

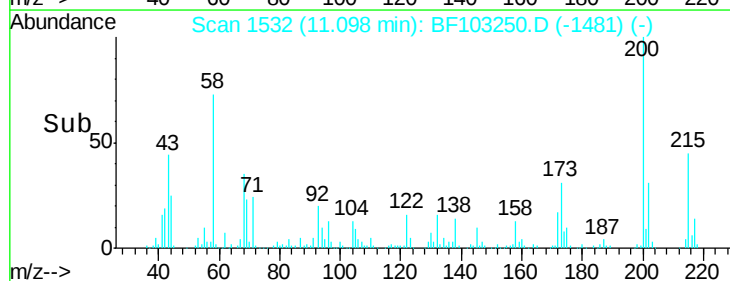
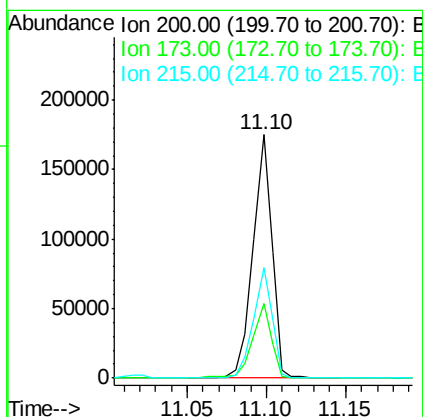
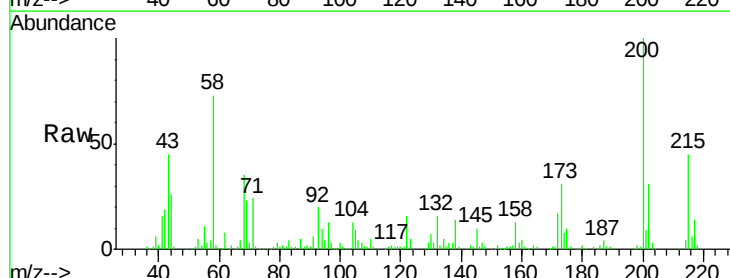
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

Tot Ion:284 Resp: 166336
Ion Ratio Lower Upper
284 100
142 41.8 34.6 52.0
249 31.1 24.8 37.2



#68
Atrazine
Concen: 39.424 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion:200 Resp: 145935
Ion Ratio Lower Upper
200 100
173 30.5 8.6 48.6
215 45.3 25.1 65.1

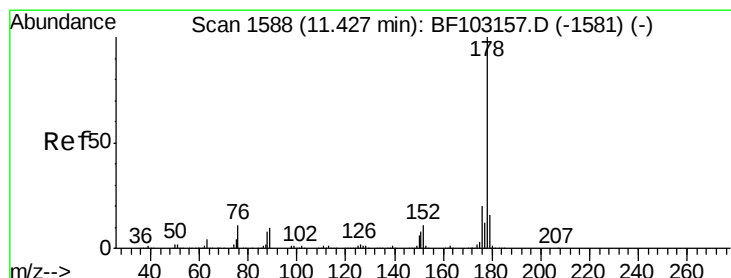
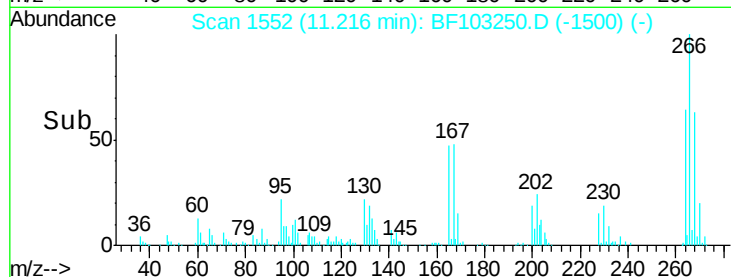
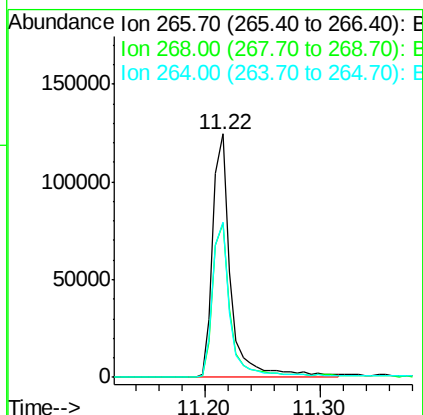
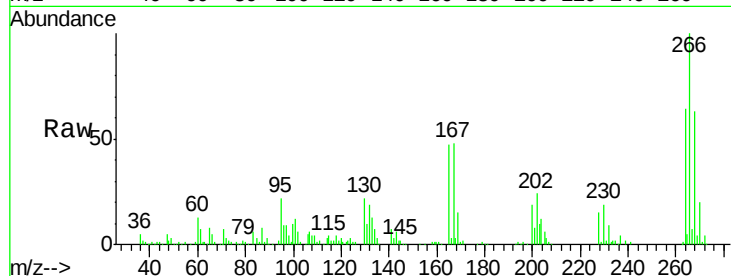




#69
 Pentachlorophenol
 Concen: 70.314 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

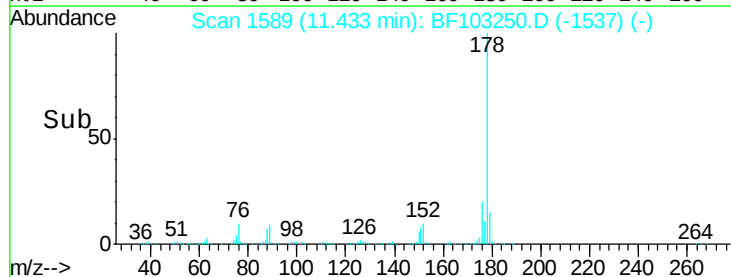
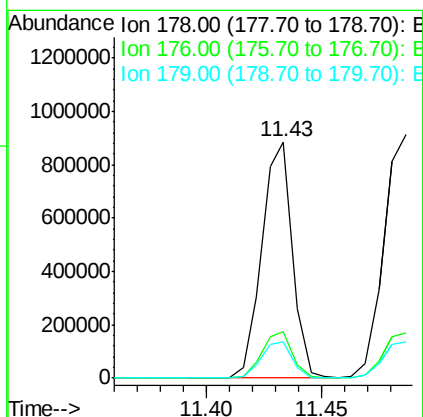
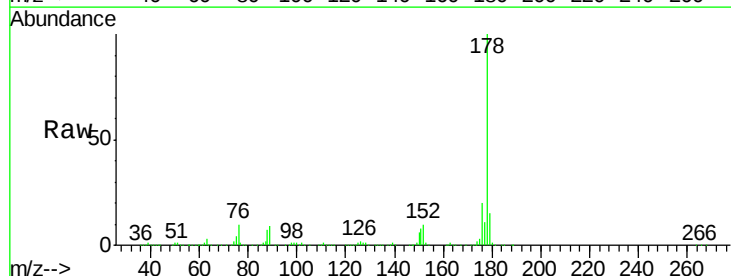
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

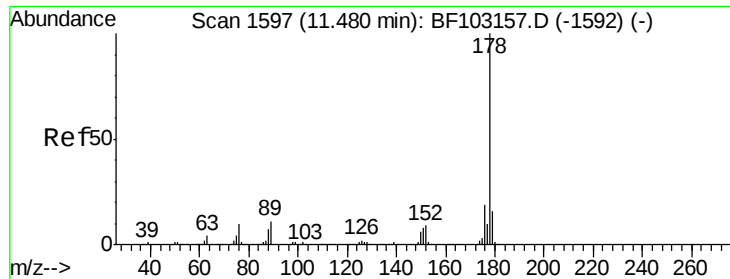
Tot Ion:266 Resp: 135964
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.8 49.5 74.3



#70
 Phenanthrene
 Concen: 42.006 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:178 Resp: 817672
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.2 13.0 19.6

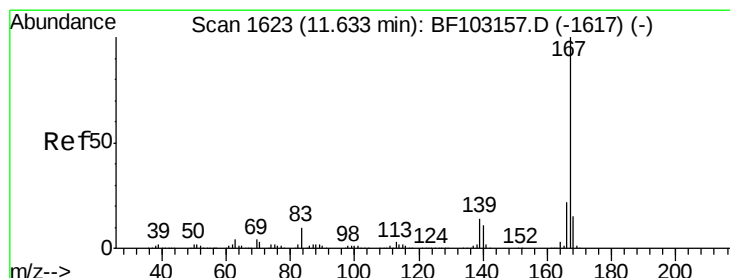
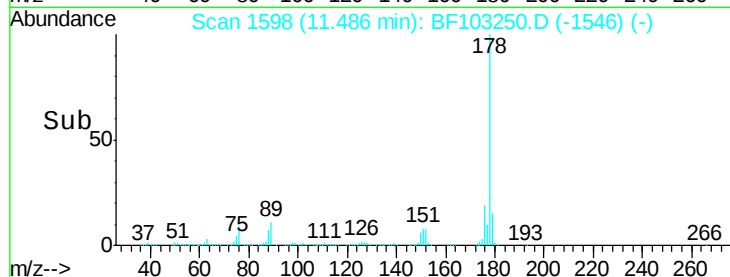
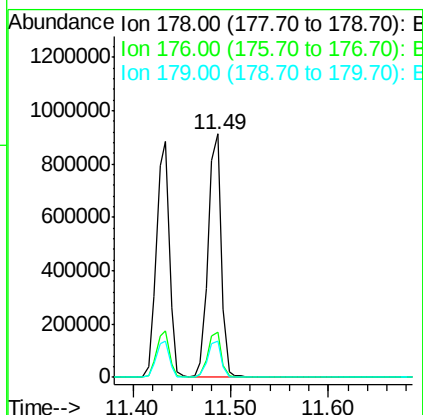
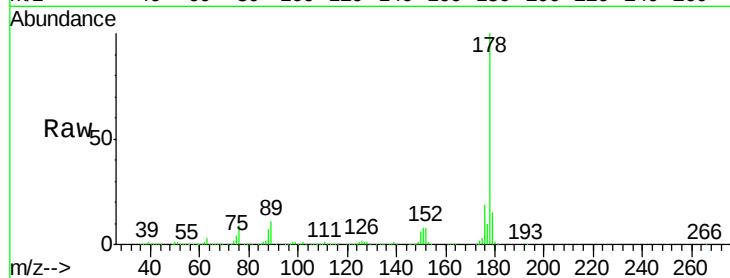




#71
 Anthracene
 Concen: 42.821 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

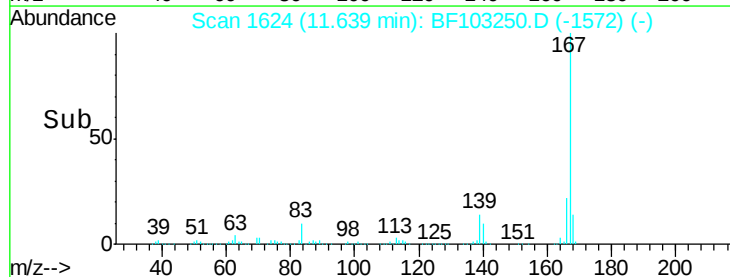
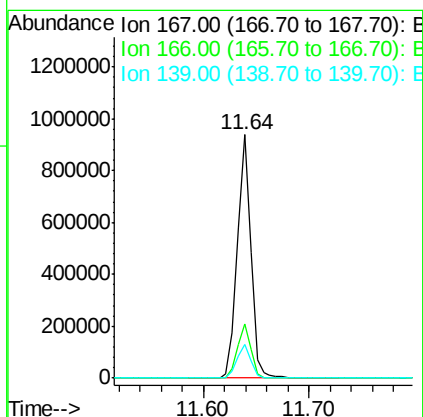
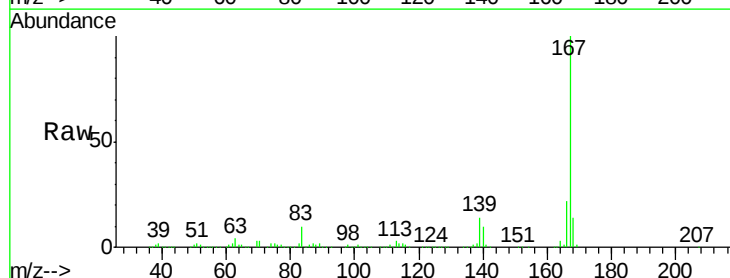
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

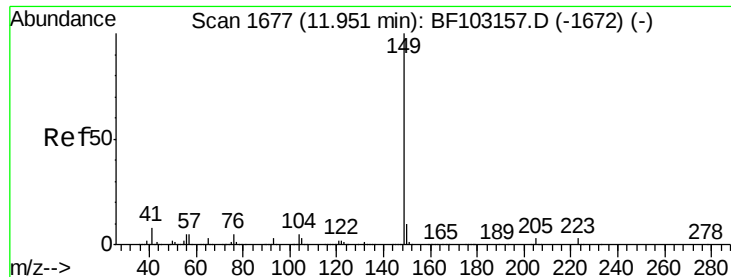
Tot Ion:178 Resp: 854740
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 41.152 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:167 Resp: 817988
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.807 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

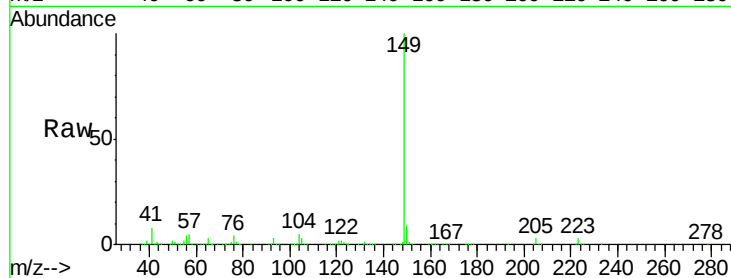
BNA_F

ClientSampleId :

NB-01-022318MS

Tot Ion:149 Resp: 1114457

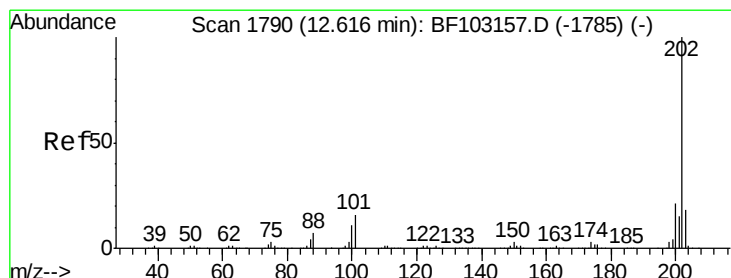
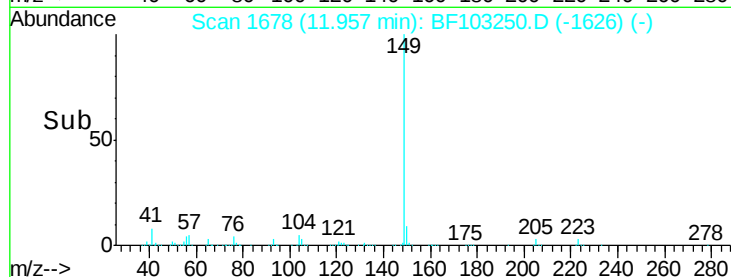
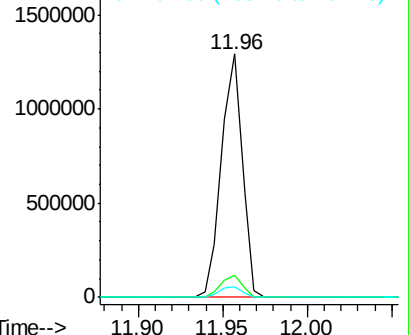
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.149 ng

RT: 12.62 min Scan# 1791

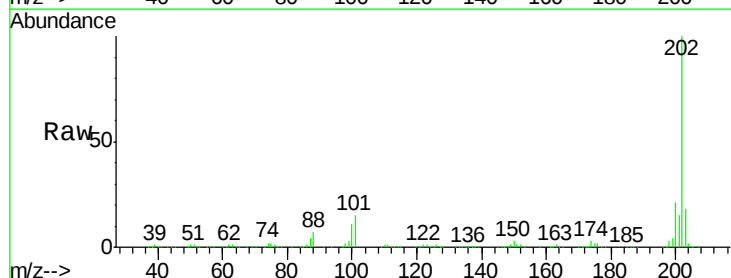
Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Tgt Ion:202 Resp: 824454

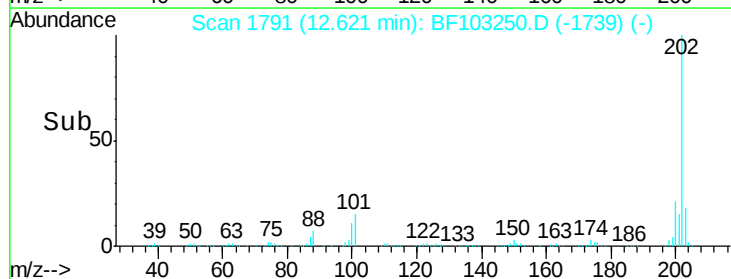
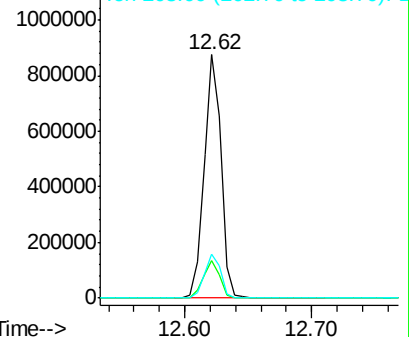
Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.8	0.0	38.1

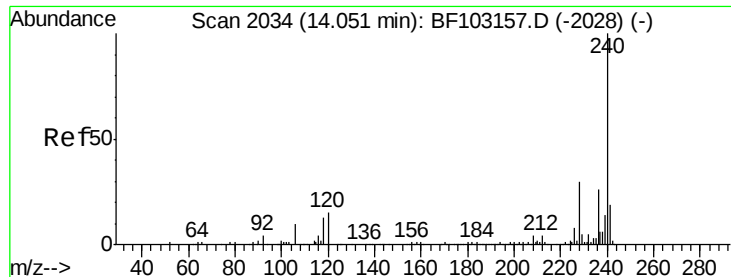


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

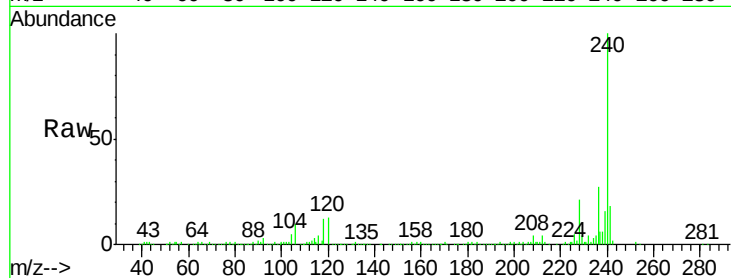
Tot Ion:240 Resp: 228597

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

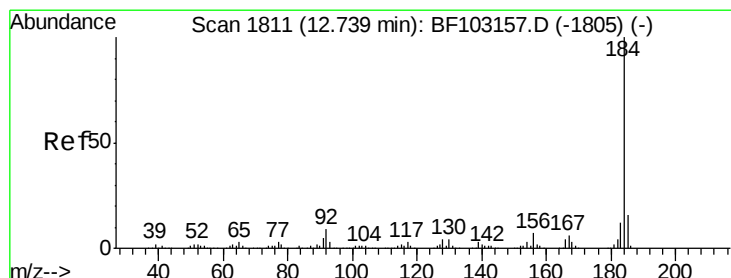
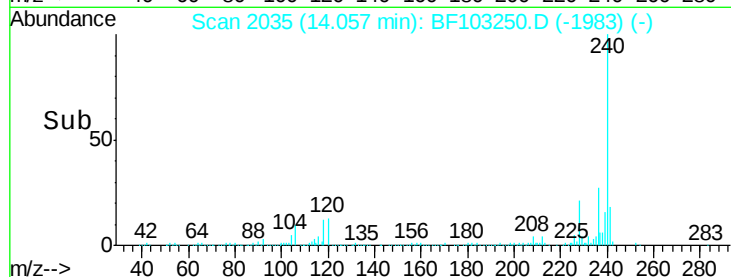
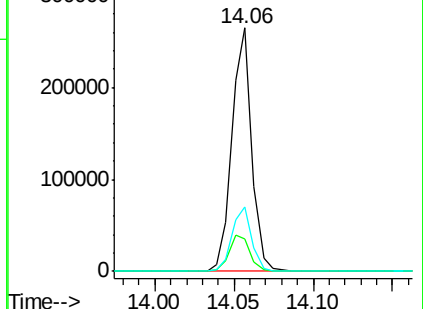
236 26.6 20.7 31.1



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



#76

Benzidine

Concen: 20.717 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

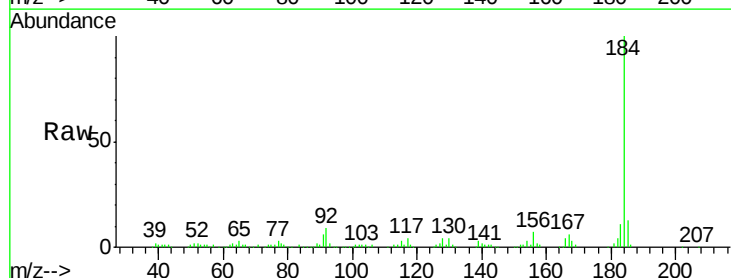
Tgt Ion:184 Resp: 177050

Ion Ratio Lower Upper

184 100

185 13.3 12.6 18.8

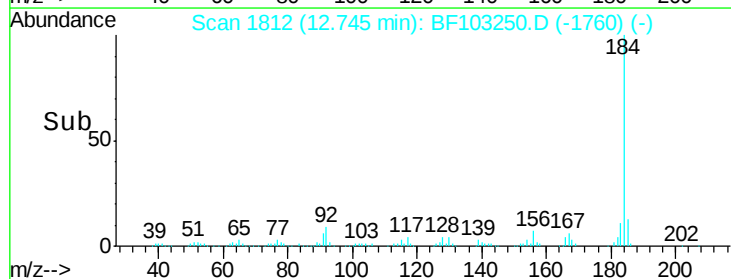
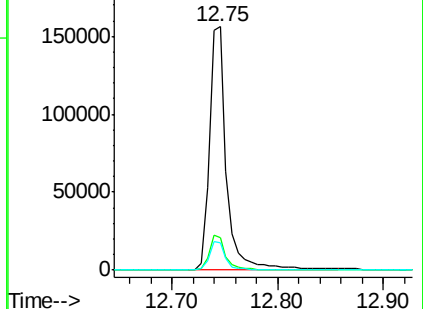
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

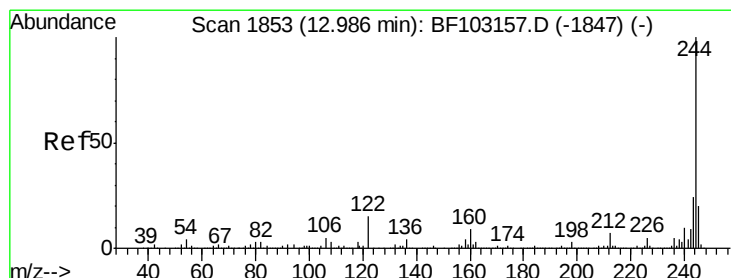
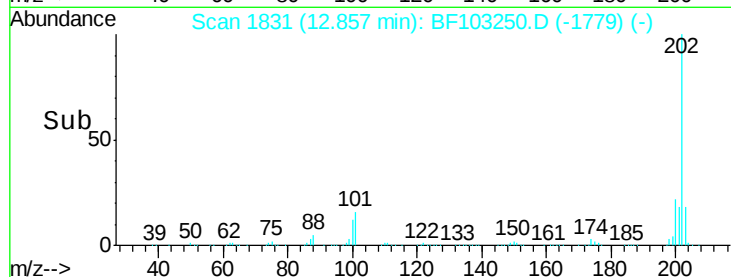
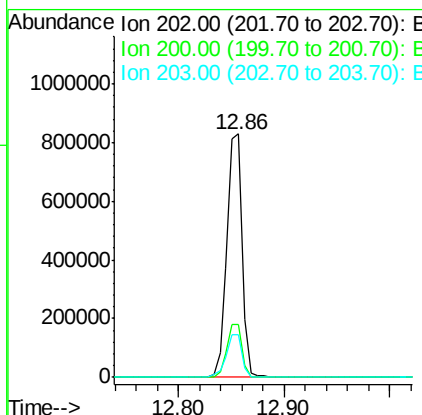
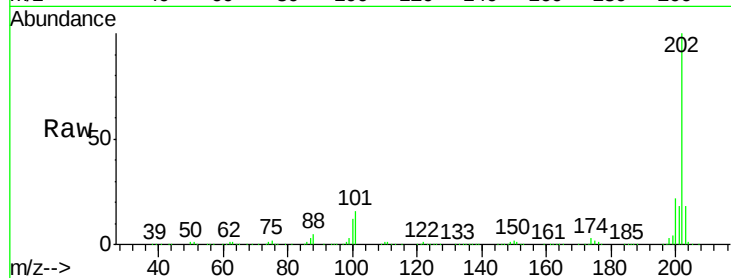




#77
Pvrene
Concen: 46.297 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

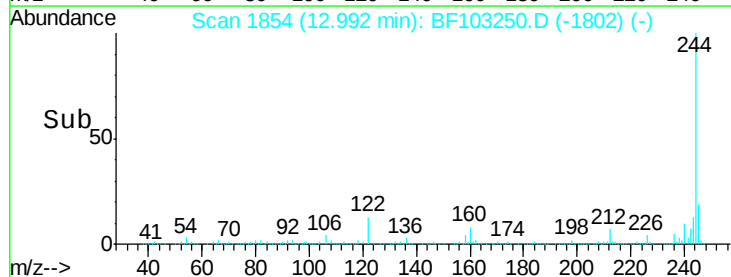
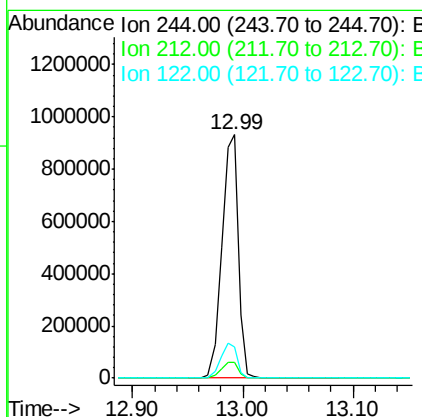
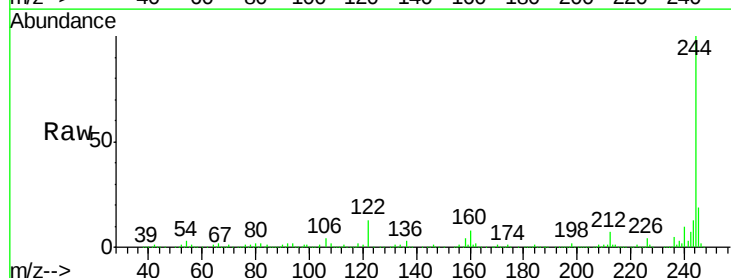
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

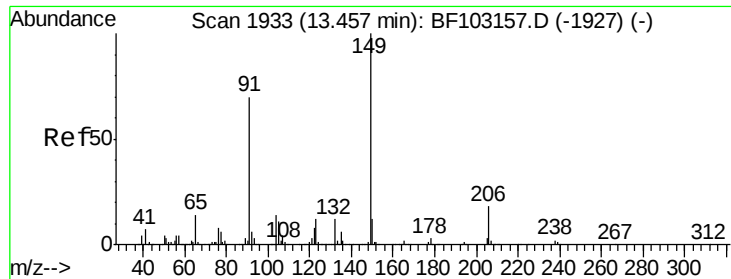
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5



#78
Terphenyl-d14
Concen: 101.452 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.8	11.0	16.4

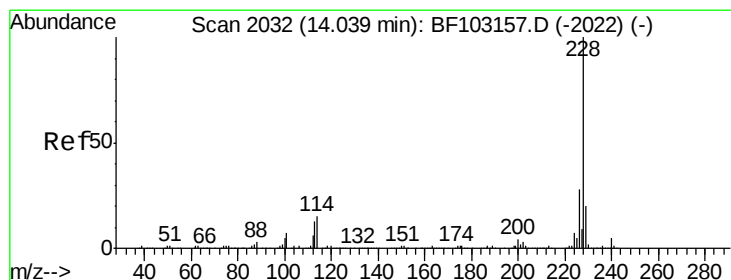
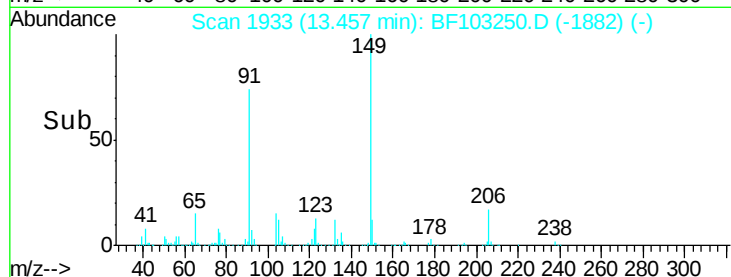
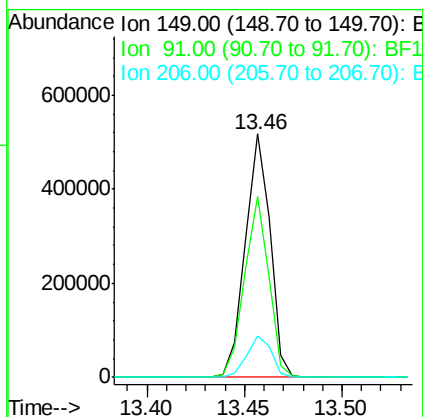
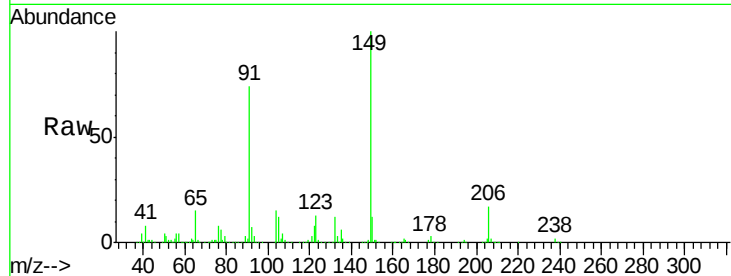




#79
Butylbenzylphthalate
Concen: 48.584 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

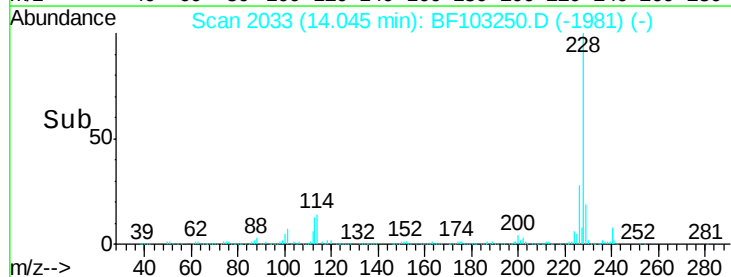
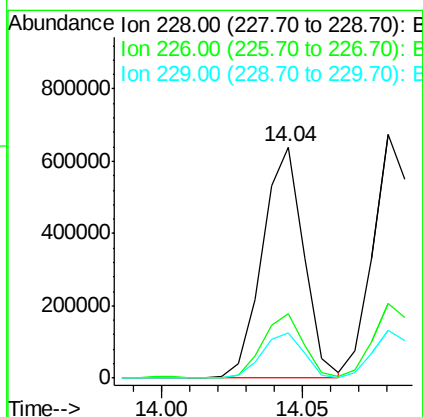
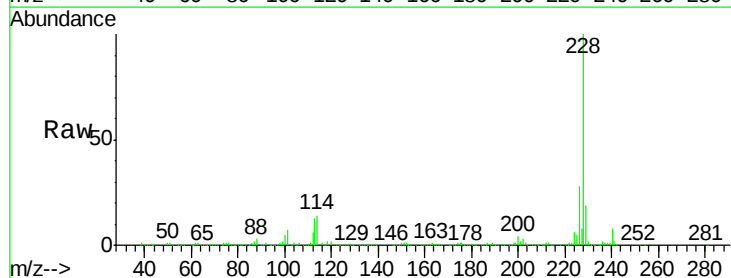
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

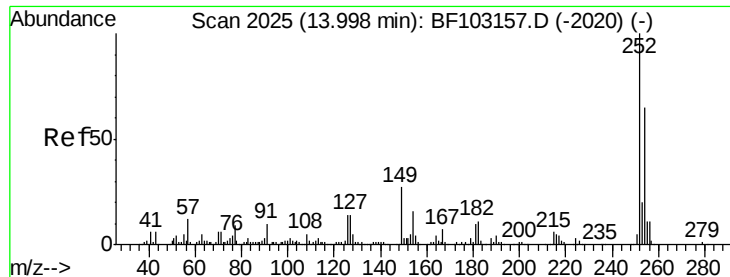
Tot Ion:149 Resp: 457489
Ion Ratio Lower Upper
149 100
91 74.1 56.8 85.2
206 17.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.439 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion:228 Resp: 644299
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.4 15.8 23.6

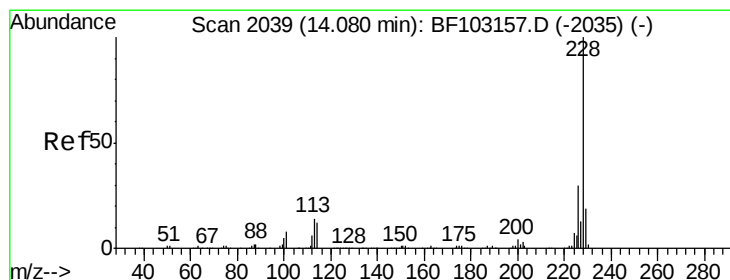
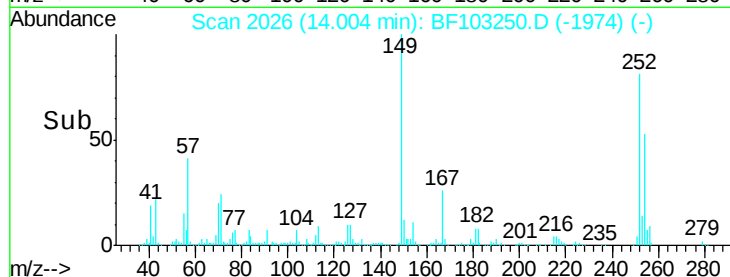
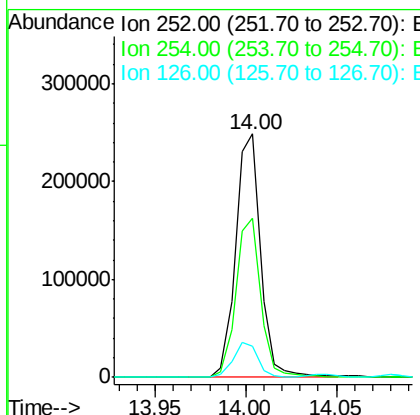
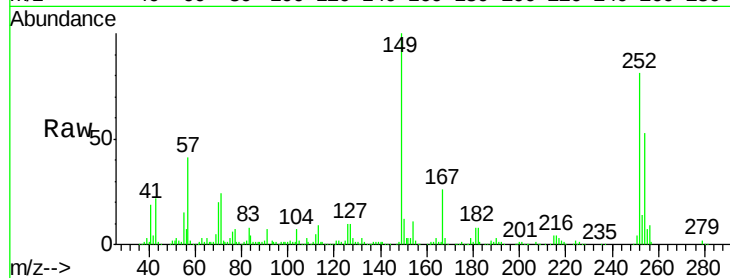




#81
 3,3'-Dichlorobenzidine
 Concen: 45.119 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

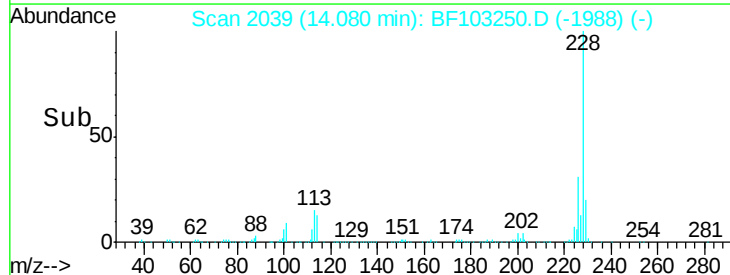
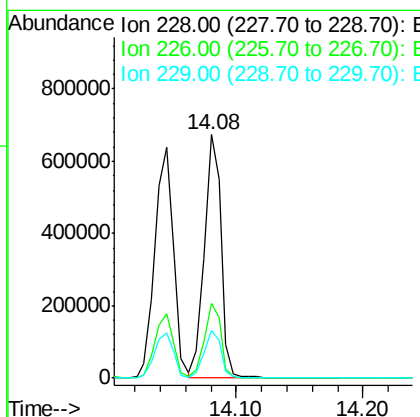
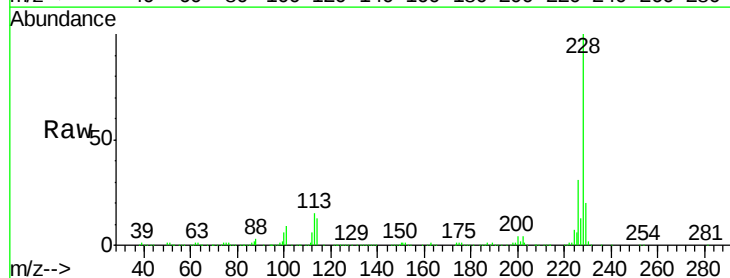
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

Tot Ion:252 Resp: 238828
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 12.8 11.3 16.9



#82
 Chrysene
 Concen: 42.888 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:228 Resp: 617660
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.8 16.2 24.4

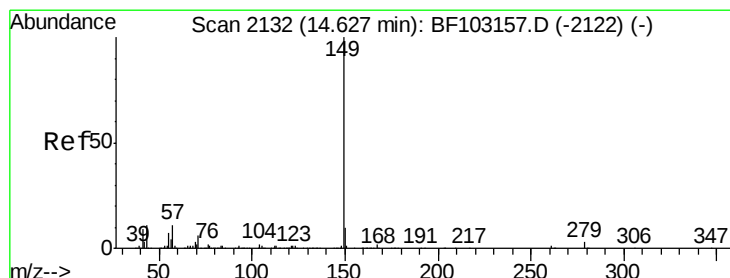
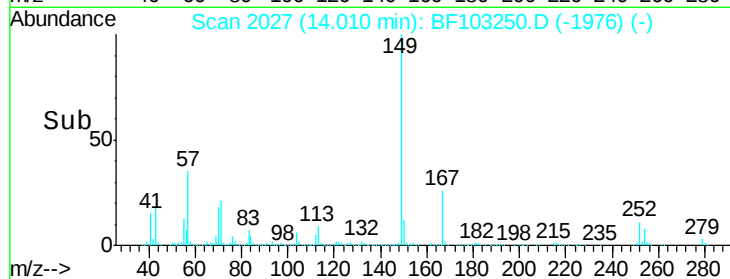
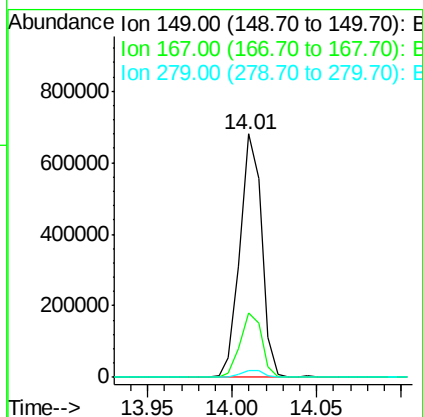
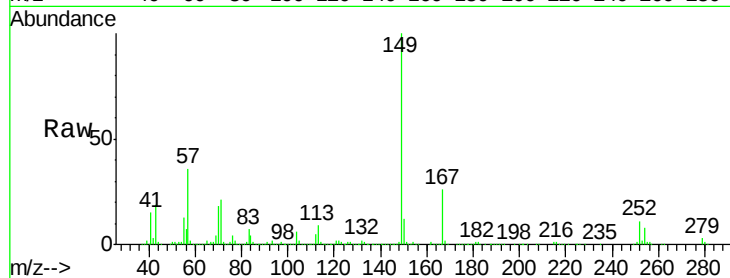




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.086 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

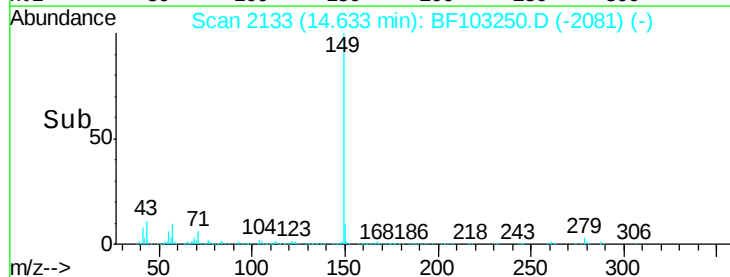
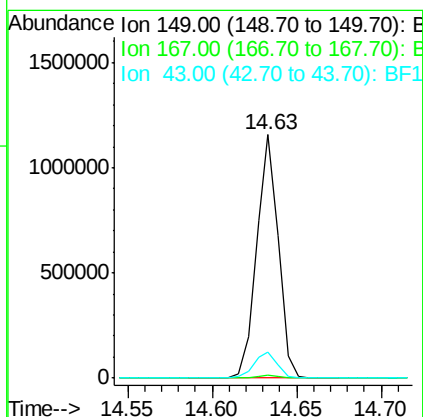
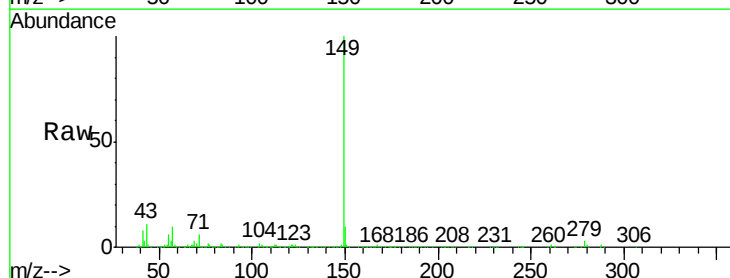
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-022318MS

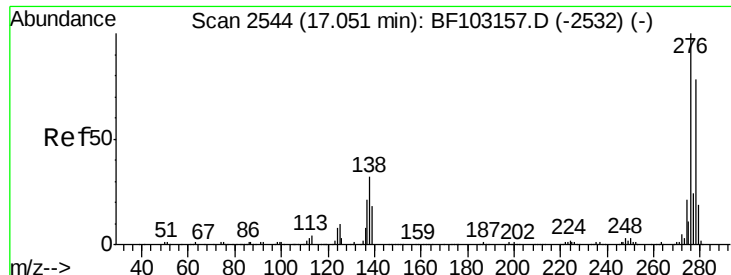
Tot Ion:149 Resp: 611037
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 50.250 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103250.D
 Acq: 27 Feb 2018 7:16

Tgt Ion:149 Resp: 1031690
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 8.4 12.6

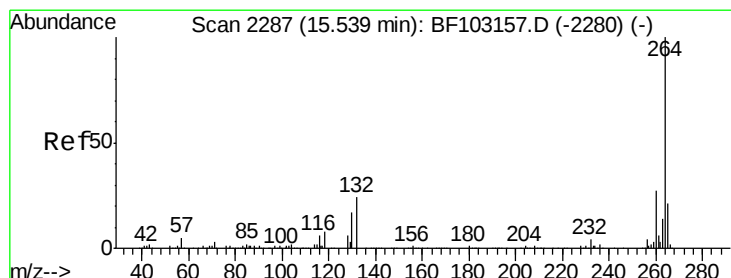
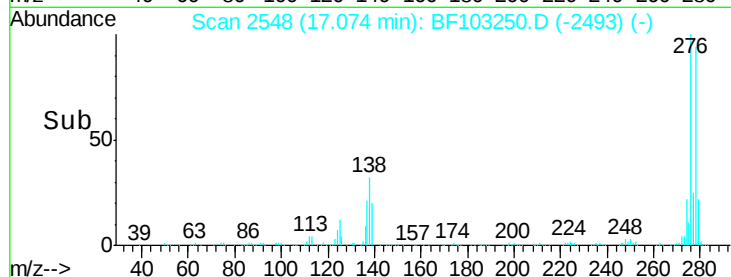
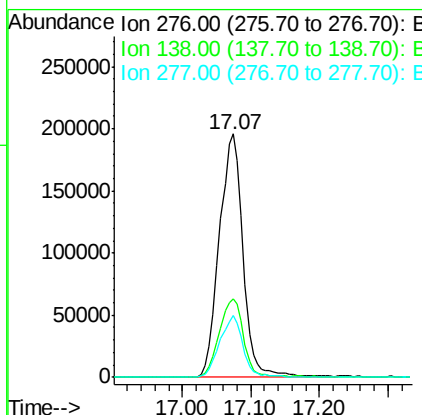
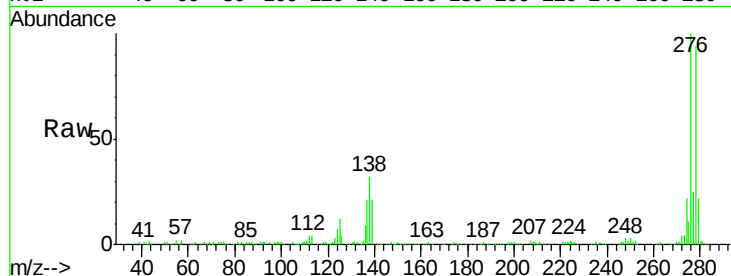




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.445 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

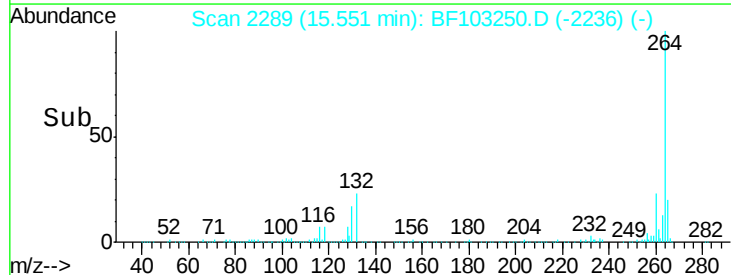
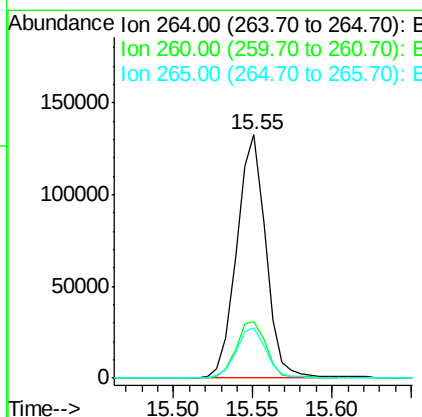
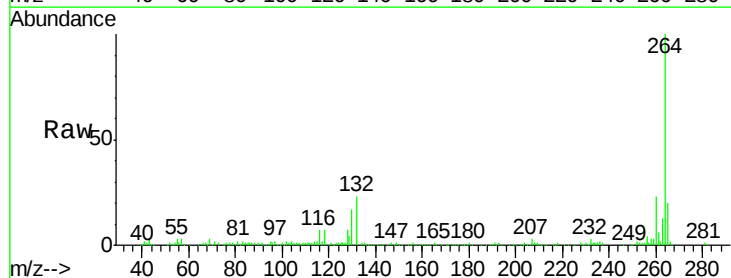
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

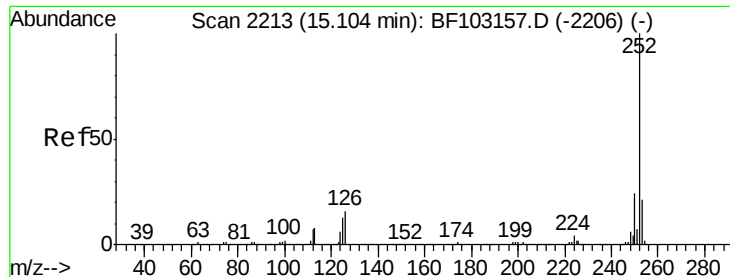
Tot Ion:276 Resp: 472531
Ion Ratio Lower Upper
276 100
138 32.8 25.0 37.6
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion:264 Resp: 168858
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 47.945 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

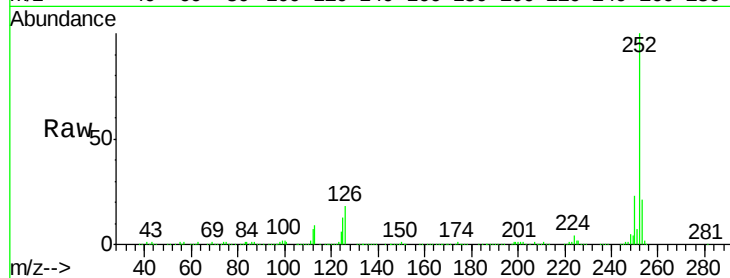
Tot Ion:252 Resp: 532302

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

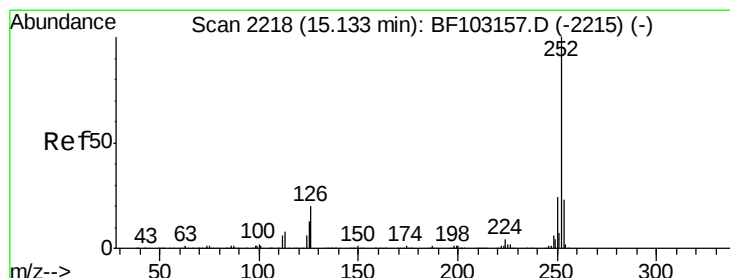
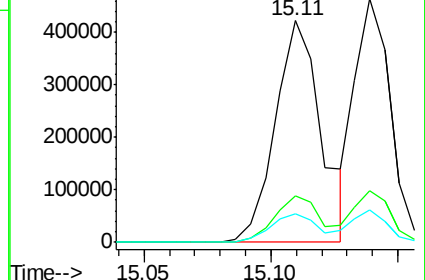
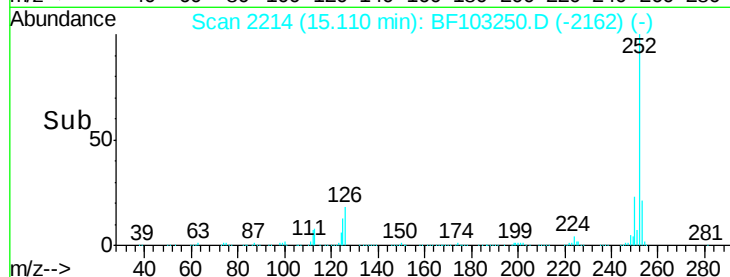
125 12.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.016 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

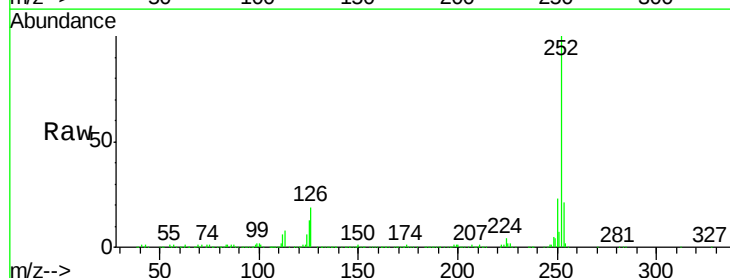
Tgt Ion:252 Resp: 460171

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

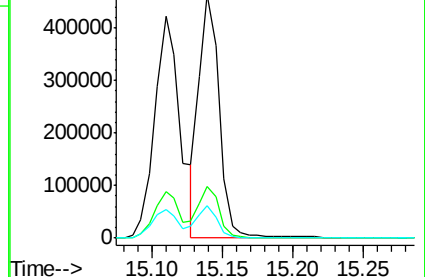
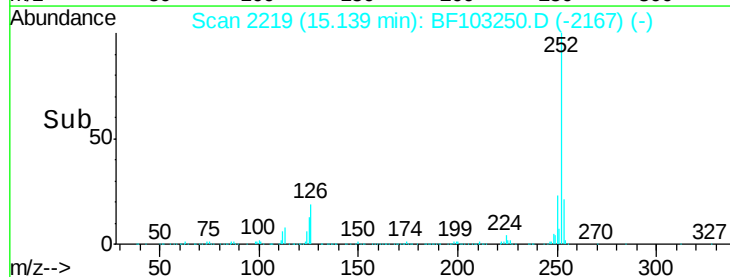
125 13.5 10.2 15.2

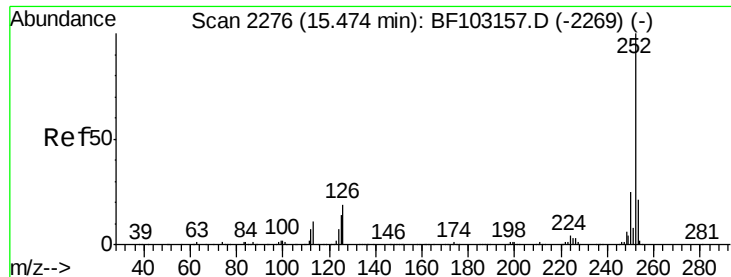


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

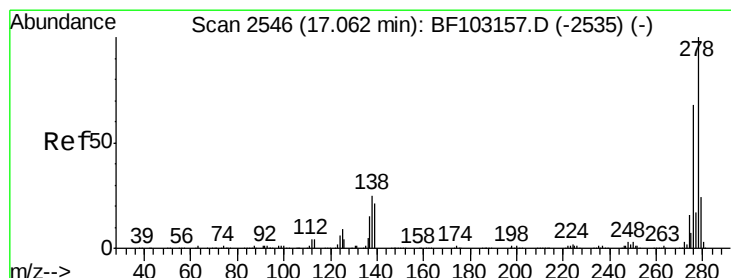
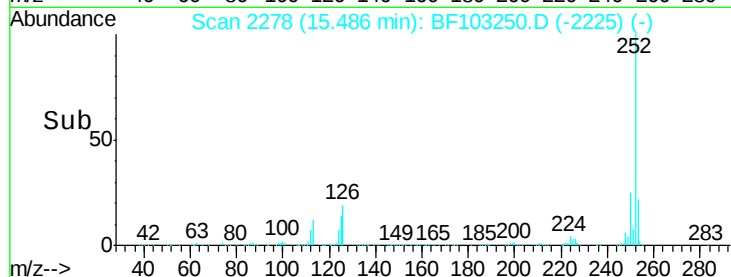
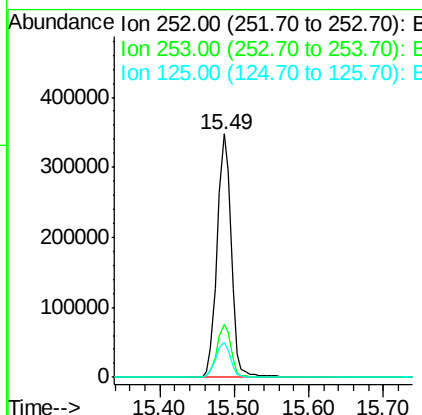
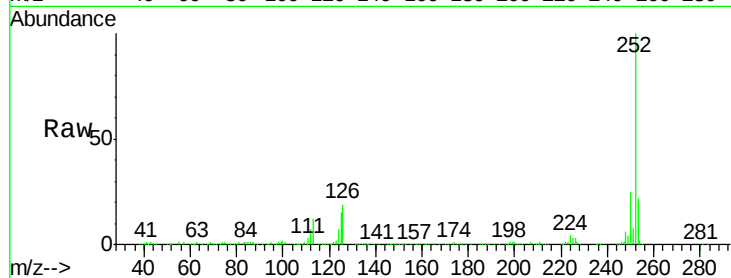




#89
Benzo(a)pyrene
Concen: 46.163 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

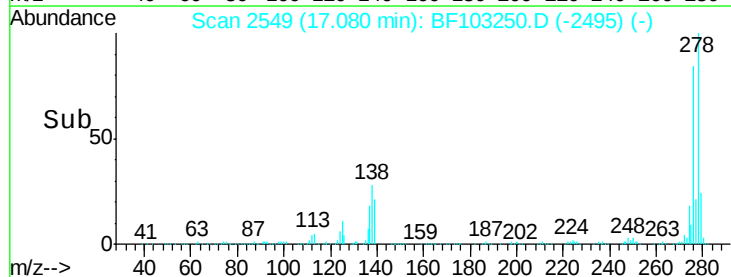
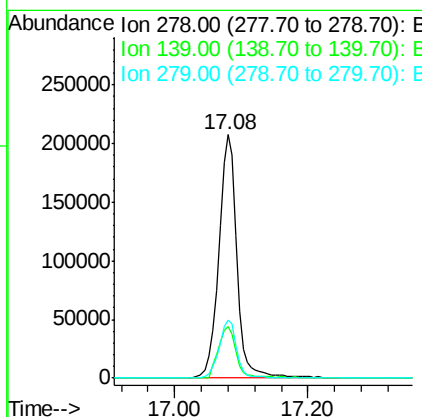
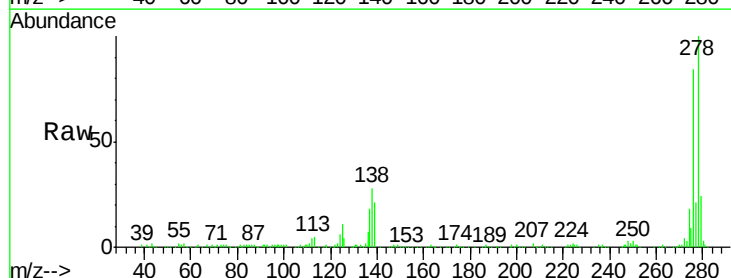
Instrument :
BNA_F
ClientSampleId :
NB-01-022318MS

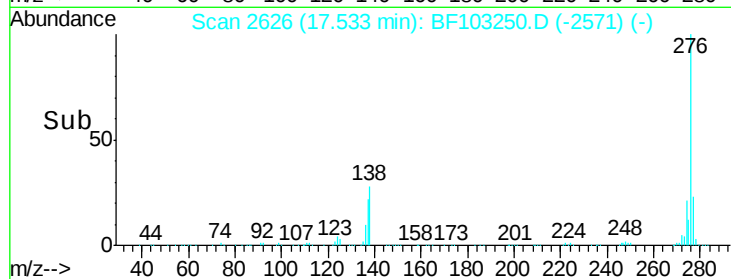
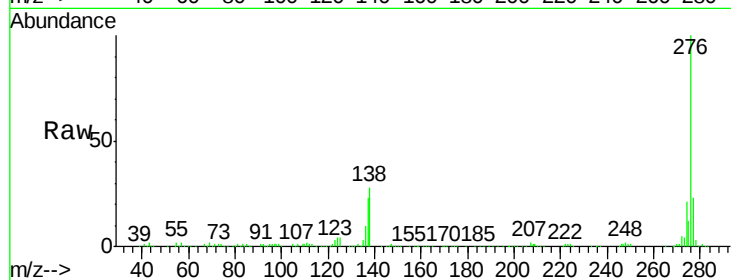
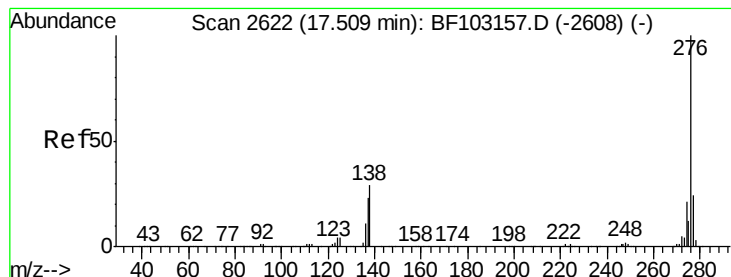
Tot Ion:252 Resp: 457679
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 51.932 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.02 min
Lab File: BF103250.D
Acq: 27 Feb 2018 7:16

Tgt Ion:278 Resp: 397845
Ion Ratio Lower Upper
278 100
139 21.2 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 52.544 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.02 min

Lab File: BF103250.D

Acq: 27 Feb 2018 7:16

Instrument :

BNA_F

ClientSampleId :

NB-01-022318MS

Tot Ion:276 Resp: 393417

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 28.5 21.8 32.8

