

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103001.D
 Acq On : 14 Feb 2018 20:35
 Operator : SJ/JU
 Sample : J1539-22MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 00:09:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	185278	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	729167	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272998	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	374330	20.00	ng	0.00
75) Chrysene-d12	14.05	240	292657	20.00	ng	0.01
86) Perylene-d12	15.54	264	225870	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1233111	101.07	ng	0.02
7) Phenol-d6	6.52	99	1430351	97.37	ng	0.02
23) Nitrobenzene-d5	7.45	82	887665	84.45	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	187729	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1205863	73.30	ng	0.00
78) Terphenyl-d14	12.99	244	818613	66.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	191472	31.77	ng	87
3) Pyridine	3.49	79	535987	32.19	ng	90
4) n-Nitrosodimethylamine	3.43	42	270203	37.93	ng	99
6) Aniline	6.55	93	316952	14.61	ng	95
8) 2-Chlorophenol	6.67	128	451909	35.98	ng	98
9) Benzaldehyde	6.43	77	124847	11.44	ng	98
10) Phenol	6.53	94	598595	38.02	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	462817	35.33	ng	92
12) 1,3-Dichlorobenzene	6.82	146	470061	32.32	ng	100
13) 1,4-Dichlorobenzene	6.90	146	481436	33.23	ng	100
14) 1,2-Dichlorobenzene	7.05	146	443009	32.83	ng	99
15) Benzyl Alcohol	7.02	79	385002	34.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	794904	31.94	ng	99
17) 2-Methylphenol	7.13	107	382374	33.00	ng	98
18) Hexachloroethane	7.39	117	137474	27.67	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	301363	31.12	ng	95
20) 3+4-Methylphenols	7.29	107	445322	31.17	ng	# 66
22) Acetophenone	7.29	105	600218	33.64	ng	# 93
24) Nitrobenzene	7.46	77	470322	38.03	ng	99
25) Isophorone	7.70	82	870900	35.98	ng	99
26) 2-Nitrophenol	7.77	139	123522	28.59	ng	94
27) 2,4-Dimethylphenol	7.82	122	386253	37.77	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	558197	38.93	ng	99
29) 2,4-Dichlorophenol	8.02	162	330402	35.54	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	341405	32.47	ng	99
31) Naphthalene	8.19	128	1232467	34.60	ng	99
32) Benzoic acid	7.95	122	14773	10.51	ng	# 36
33) 4-Chloroaniline	8.23	127	161303	10.51	ng	100
34) Hexachlorobutadiene	8.30	225	173588	32.21	ng	99
35) Caprolactam	8.60	113	104126	32.25	ng	# 71
36) 4-Chloro-3-methylphenol	8.72	107	343584	32.90	ng	98
37) 2-Methylnaphthalene	8.87	142	823505	35.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	281733	37.90	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	180615	36.99	ng	99

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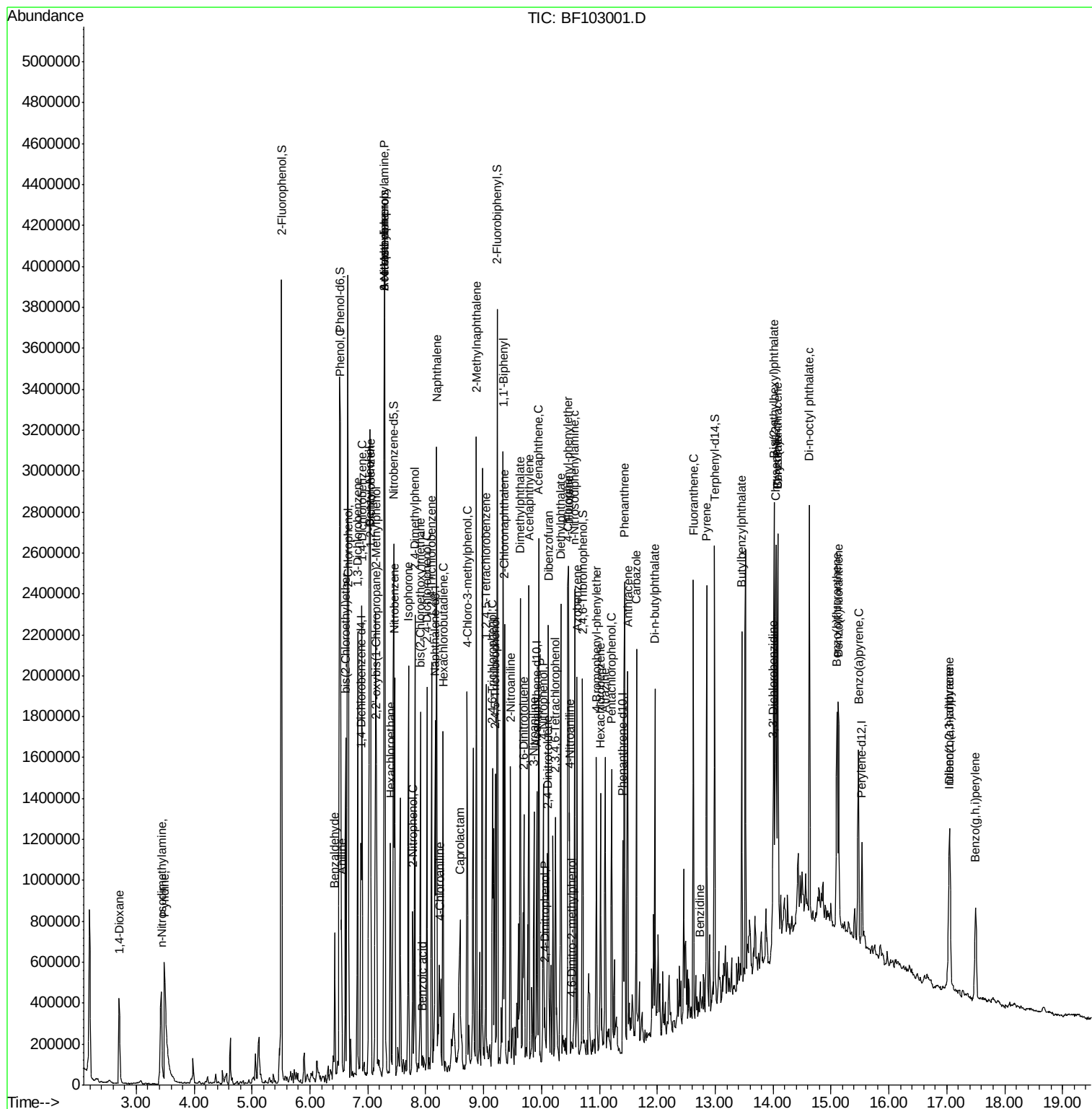
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	182097	33.09	nq	99
45) 1,1'-Biphenyl	9.34	154	831794	36.17	nq	100
46) 2-Chloronaphthalene	9.36	162	639461	35.32	nq	99
47) 2-Nitroaniline	9.46	65	245882	44.31	nq	93
48) Acenaphthylene	9.78	152	906270	32.23	nq	99
49) Dimethylphthalate	9.63	163	931612	43.77	nq	100
50) 2,6-Dinitrotoluene	9.70	165	134073	33.11	nq	90
51) Acenaphthene	9.95	154	522491	31.07	nq	99
52) 3-Nitroaniline	9.87	138	183250	36.78	nq	97
53) 2,4-Dinitrophenol	10.06	184	123	8.09	nq	# 1
54) Dibenzofuran	10.12	168	771102	32.54	nq	97
55) 4-Nitrophenol	10.03	139	206008	51.80	nq	93
56) 2,4-Dinitrotoluene	10.10	165	149773	28.88	nq	97
57) Fluorene	10.47	166	564552	32.75	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	113646	29.80	nq	# 97
59) Diethylphthalate	10.33	149	693470	32.99	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	260233	34.12	nq	99
61) 4-Nitroaniline	10.49	138	180644	38.09	nq	91
62) Azobenzene	10.62	77	627771	29.90	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	791	9.26	nq	# 1
65) n-Nitrosodiphenylamine	10.57	169	520948	39.45	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	147972	37.37	nq	98
67) Hexachlorobenzene	11.02	284	145689	33.35	nq	96
68) Atrazine	11.10	200	138745	35.62	nq	96
69) Pentachlorophenol	11.21	266	124398	48.51	nq	100
70) Phenanthrene	11.43	178	813087	39.00	nq	99
71) Anthracene	11.49	178	746642	35.21	nq	99
72) Carbazole	11.64	167	692458	33.33	nq	100
73) Di-n-butylphthalate	11.96	149	912216	36.15	nq	98
74) Fluoranthene	12.62	202	829088	39.53	nq	98
76) Benzidine	12.74	184	41178	3.06	nq	# 93
77) Pyrene	12.86	202	850195	37.05	nq	99
79) Butylbenzylphthalate	13.46	149	386401	35.47	nq	97
80) Benzo(a)anthracene	14.08	228	757563	41.16	nq	95
81) 3,3'-Dichlorobenzidine	14.00	252	147232	21.57	nq	97
82) Chrysene	14.08	228	757563	40.83	nq	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	544596	38.74	nq	100
84) Di-n-octyl phthalate	14.63	149	929309	44.02	nq	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	454777	29.55	nq	98
87) Benzo(b)fluoranthene	15.10	252	611498	41.76	nq	97
88) Benzo(k)fluoranthene	15.13	252	488451	34.91	nq	98
89) Benzo(a)pyrene	15.47	252	486170	36.88	nq	# 96
90) Dibenzo(a,h)anthracene	17.06	278	366988	34.30	nq	97
91) Benzo(g,h,i)perylene	17.50	276	379075	36.20	nq	96

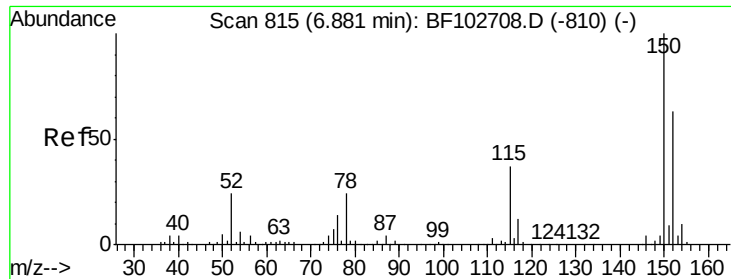
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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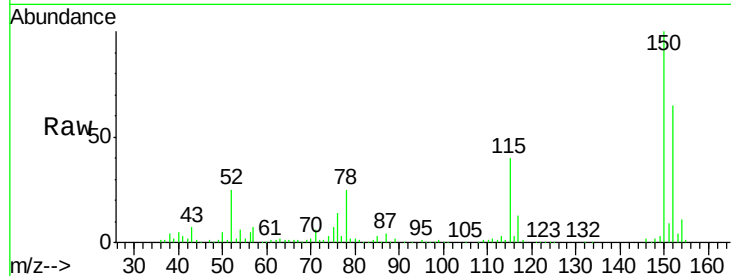


#1

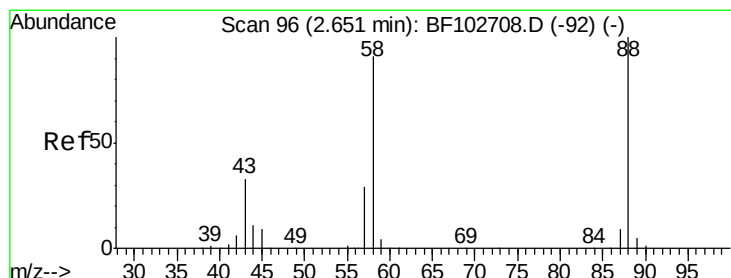
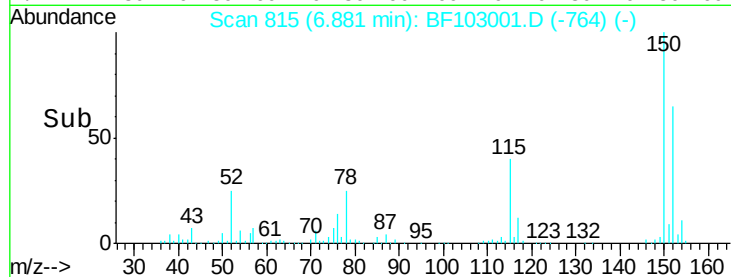
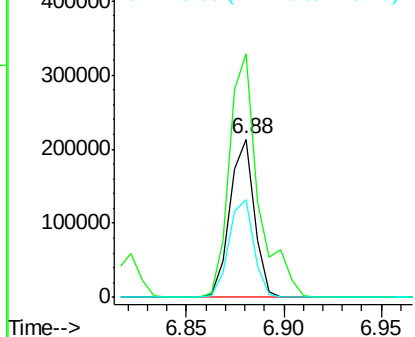
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 185278
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 61.3 50.1 75.1



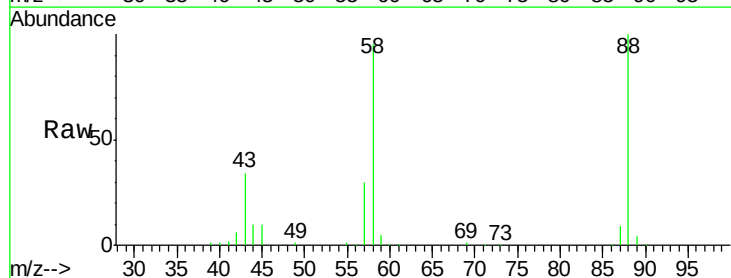
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



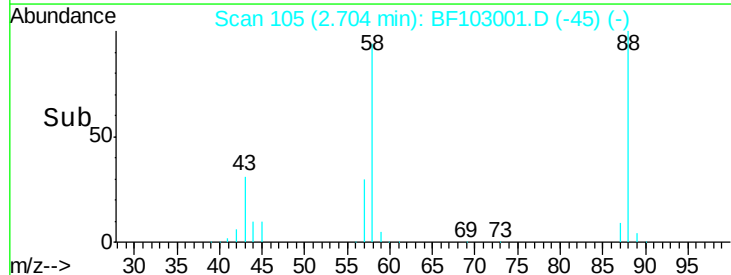
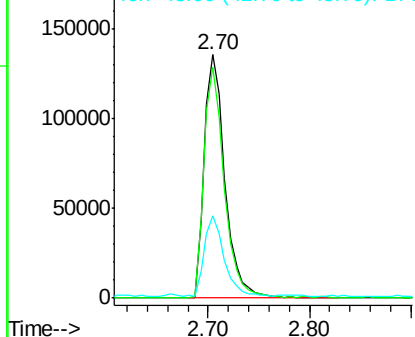
#2

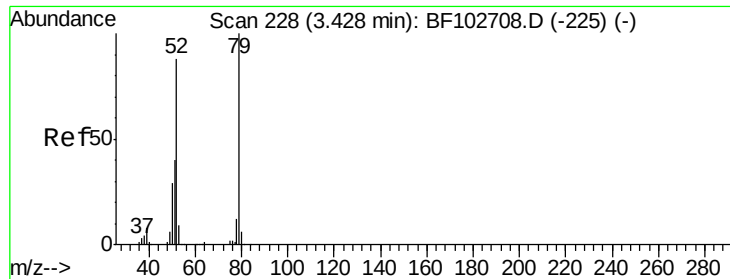
1,4-Dioxane
Concen: 31.77 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion: 88 Resp: 191472
Ion Ratio Lower Upper
88 100
58 93.7 62.6 93.8
43 31.4 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: 32.19 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

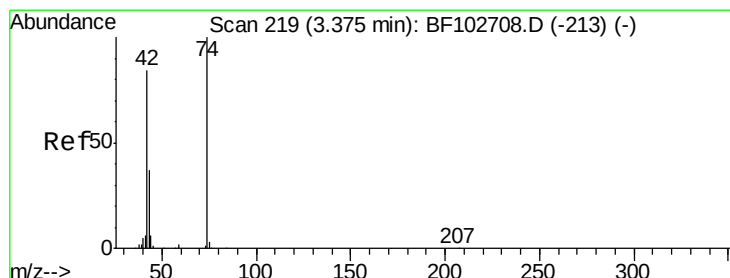
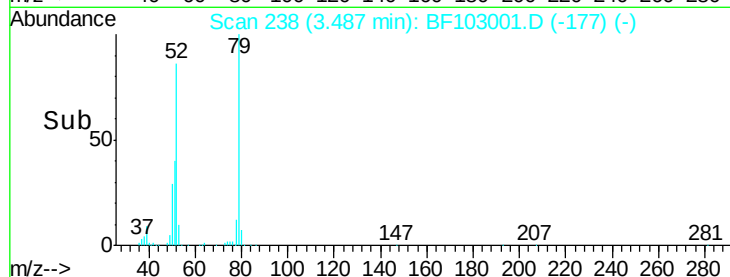
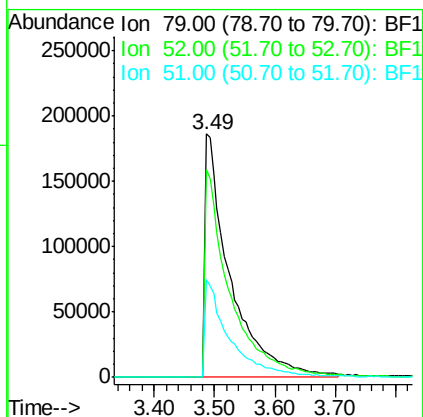
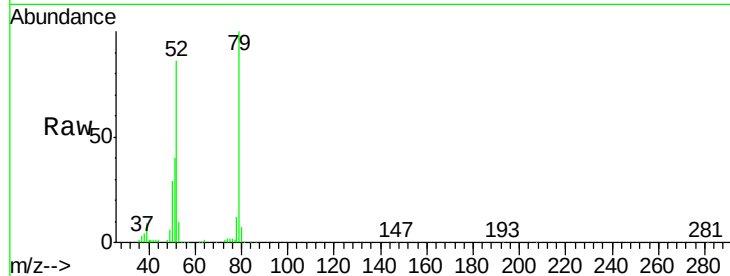
Tot Ion: 79 Resp: 535987

Ion Ratio Lower Upper

79 100

52 85.5 59.8 89.6

51 40.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.93 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

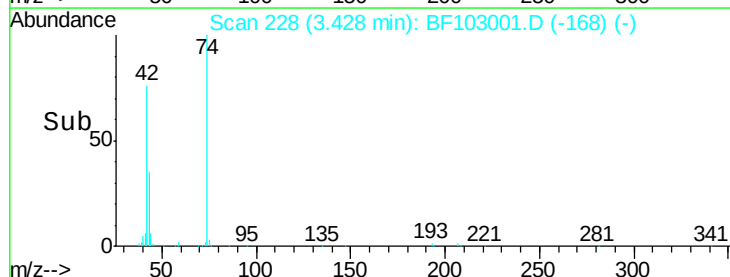
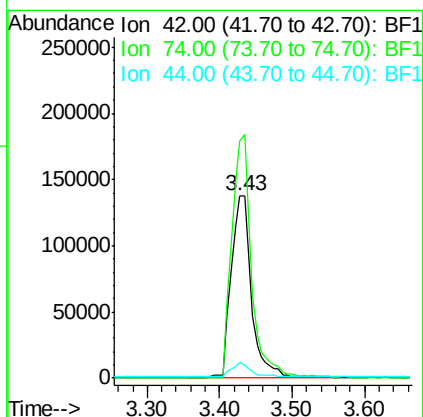
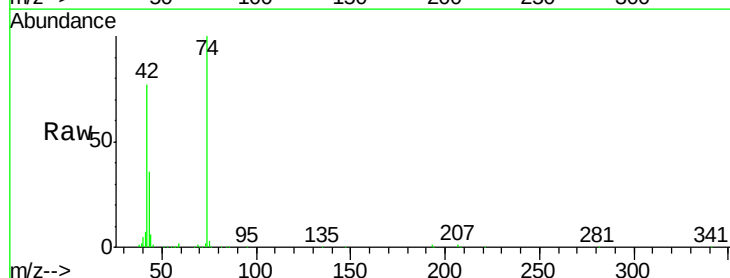
Tgt Ion: 42 Resp: 270203

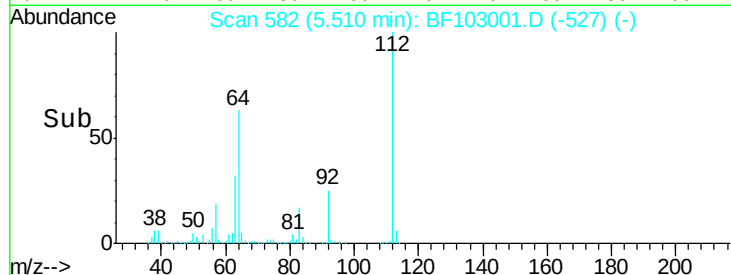
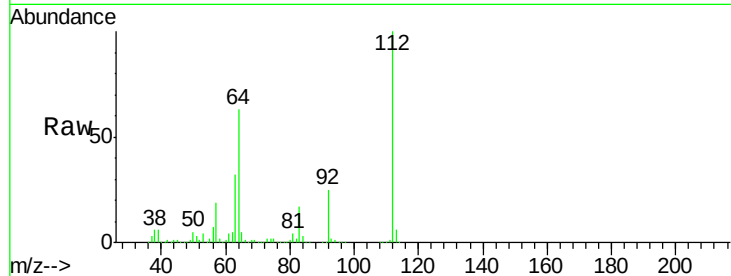
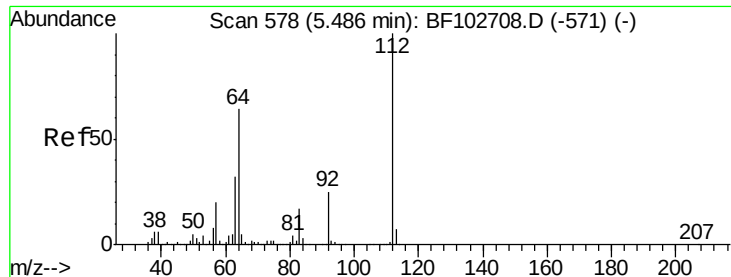
Ion Ratio Lower Upper

42 100

74 130.1 104.9 157.3

44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 101.07 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103001.D

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Instrument :

BNA_F

ClientSampleId :

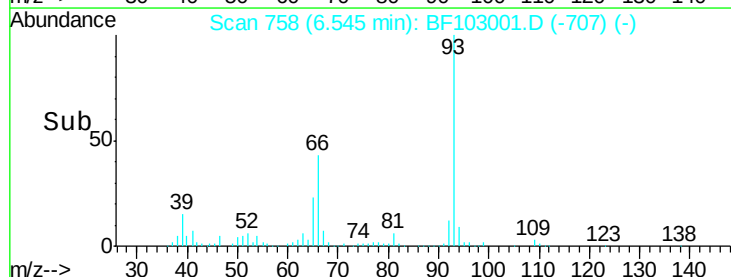
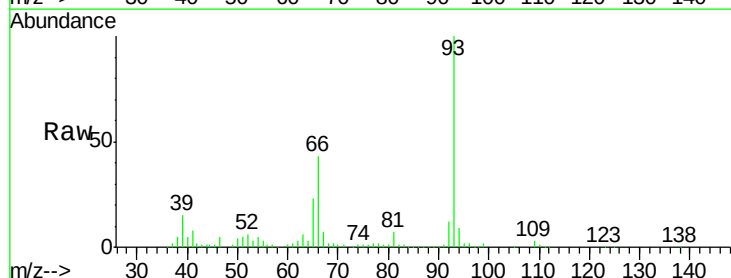
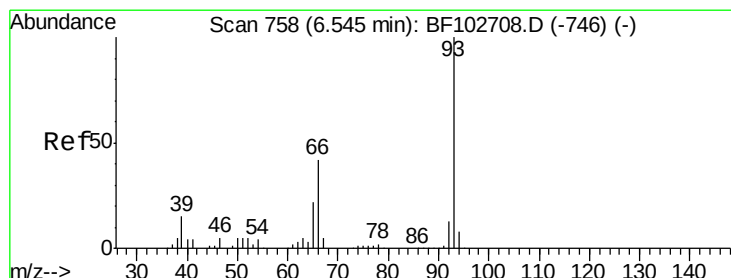
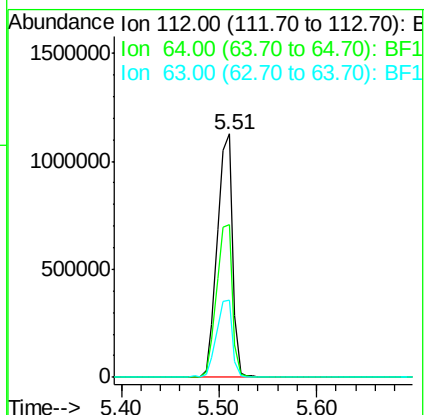
Tot Ion:112 Resp: 1233111

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

63 31.7 23.7 35.5



#6

Aniline

Concen: 14.61 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

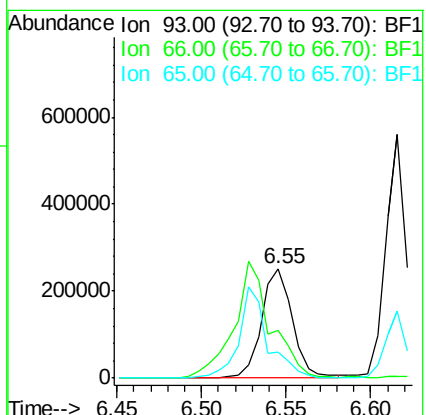
Tgt Ion: 93 Resp: 316952

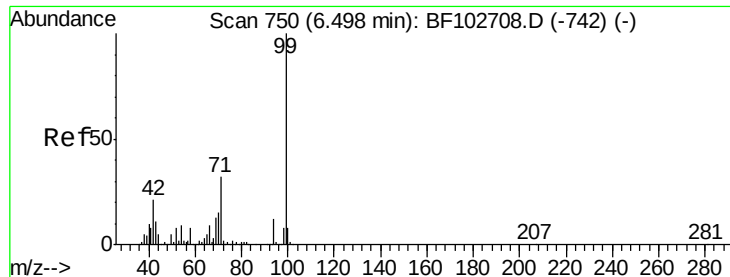
Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

65 23.3 16.4 24.6





#7

Phenol-d6

Concen: 97.37 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampled :

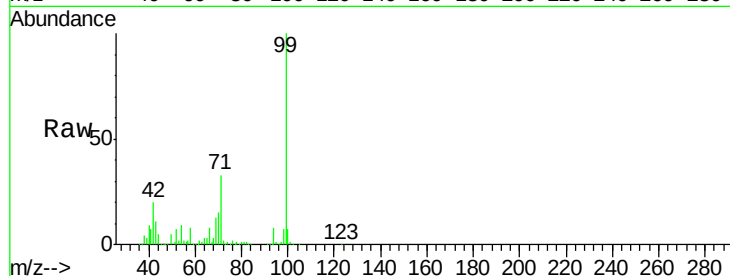
Tot Ion: 99 Resp: 1430351

Ion Ratio Lower Upper

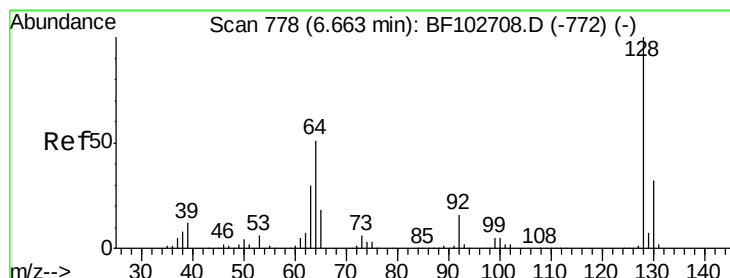
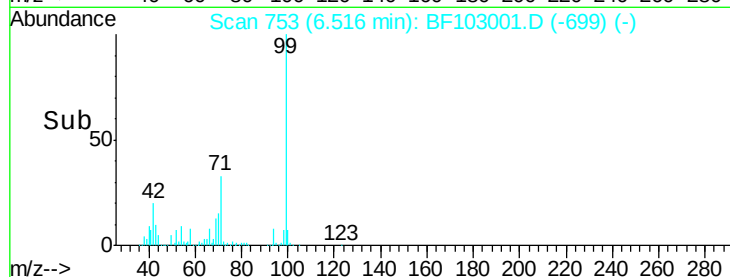
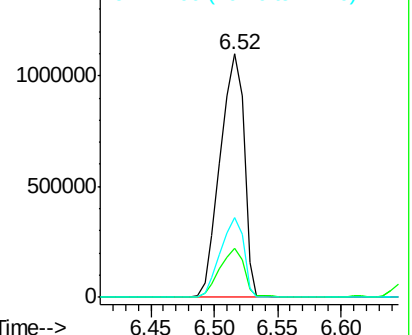
99 100

42 20.2 14.5 21.7

71 32.9 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: 35.98 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103001.D

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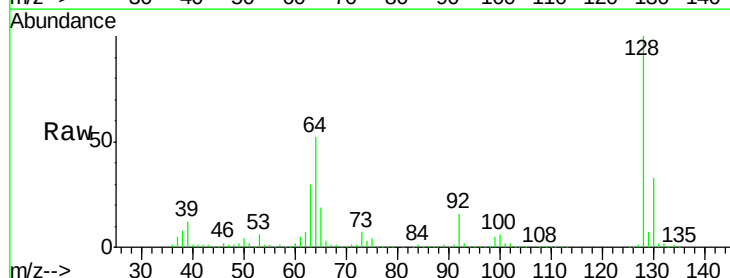
Tgt Ion: 128 Resp: 451909

Ion Ratio Lower Upper

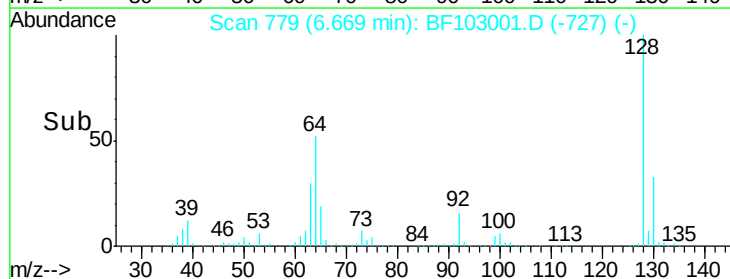
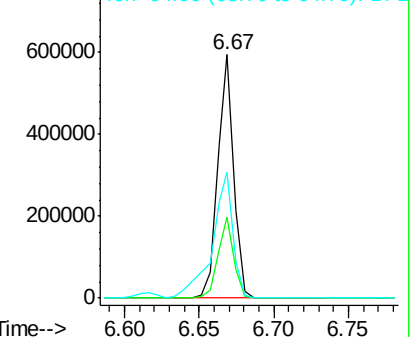
128 100

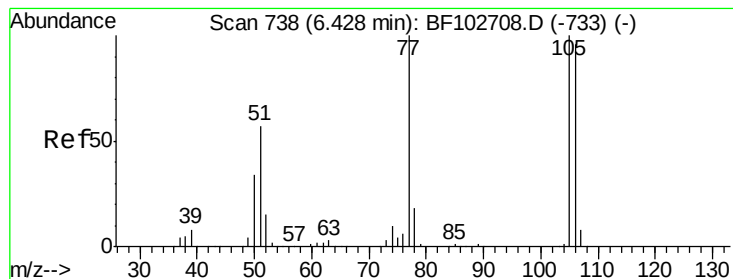
130 33.1 13.0 53.0

64 51.6 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: 11.44 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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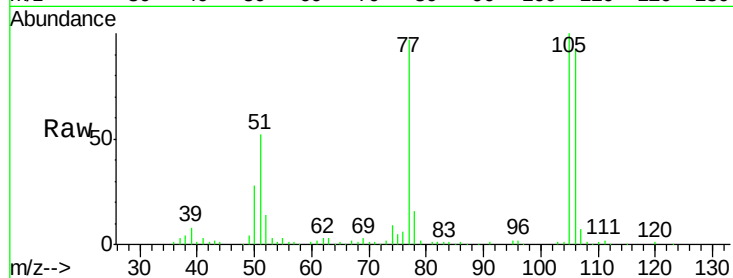
Tot Ion: 77 Resp: 124847

Ion Ratio Lower Upper

77 100

105 103.3 81.1 121.1

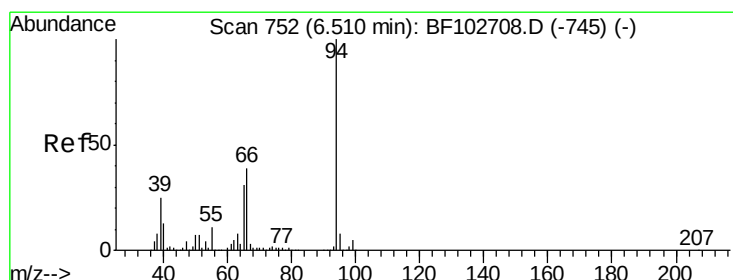
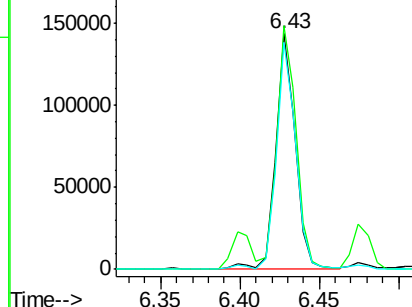
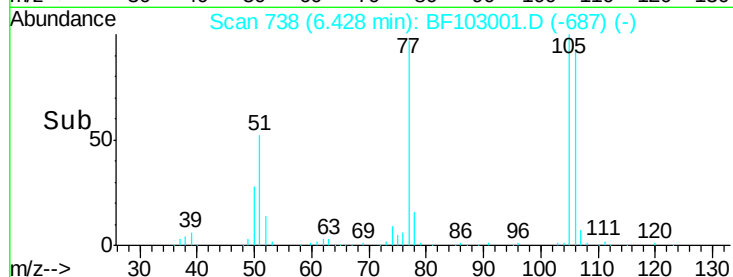
106 96.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.02 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

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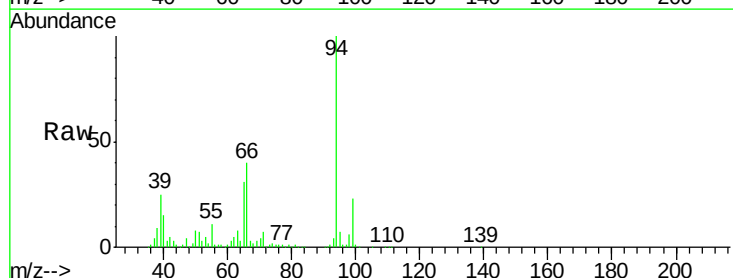
Tgt Ion: 94 Resp: 598595

Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

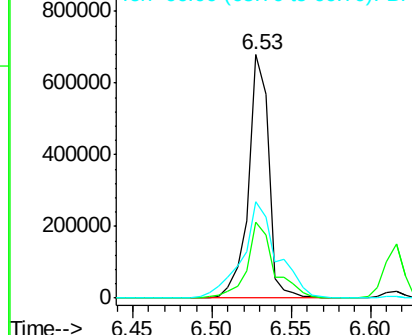
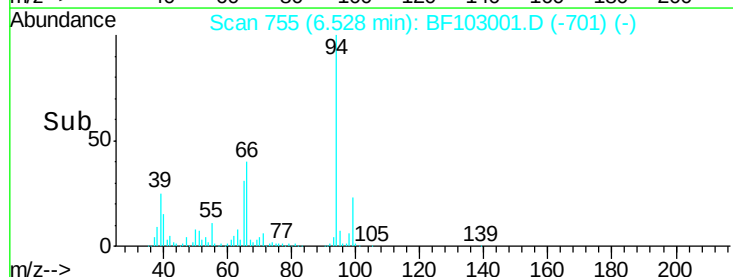
66 39.6 16.2 56.2

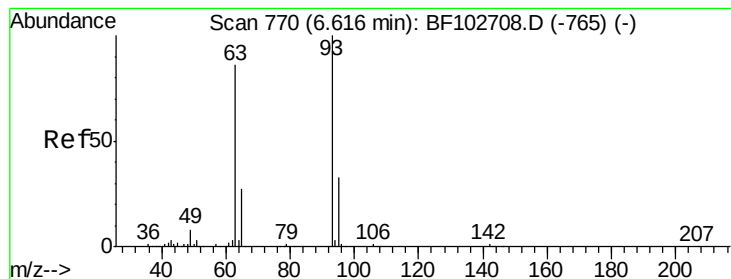


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

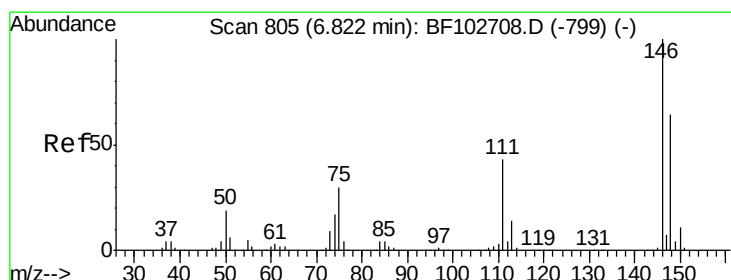
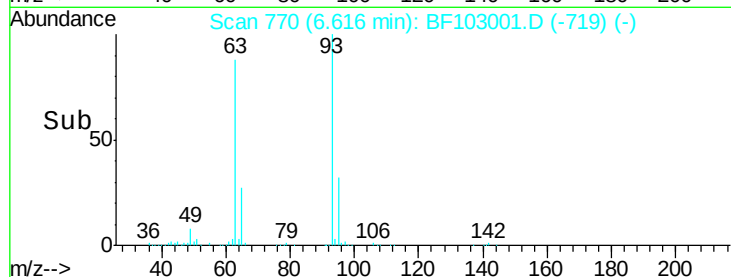
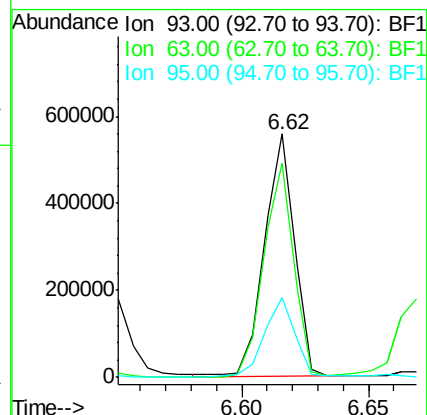
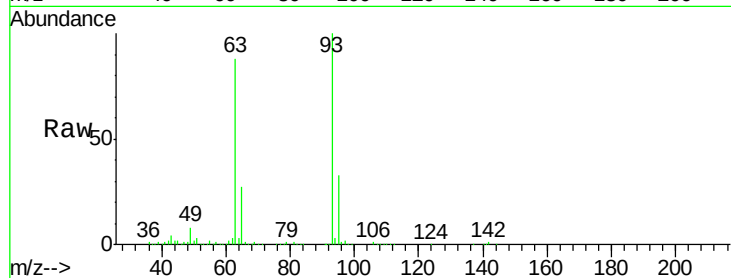




#11
bis(2-Chloroethyl)ether
Concen: 35.33 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

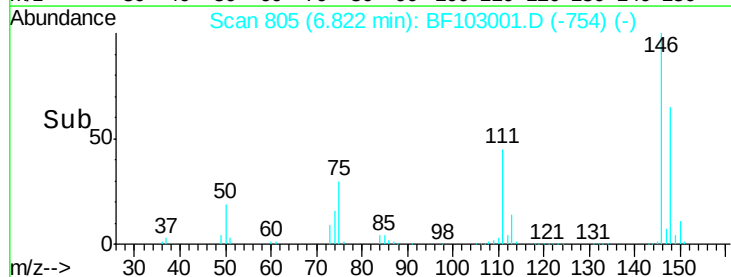
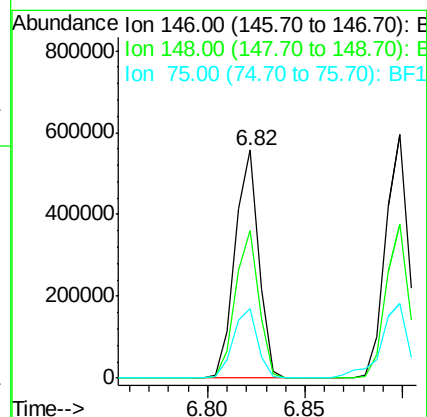
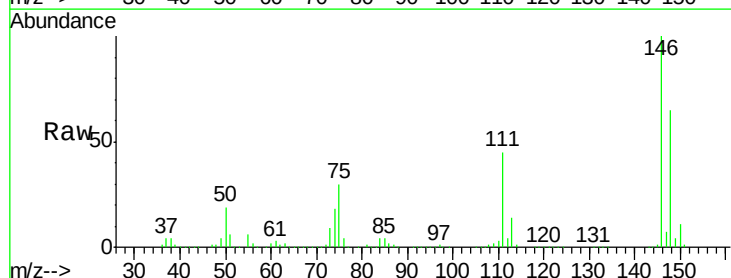
Instrument :
BNA_F
ClientSampleId :

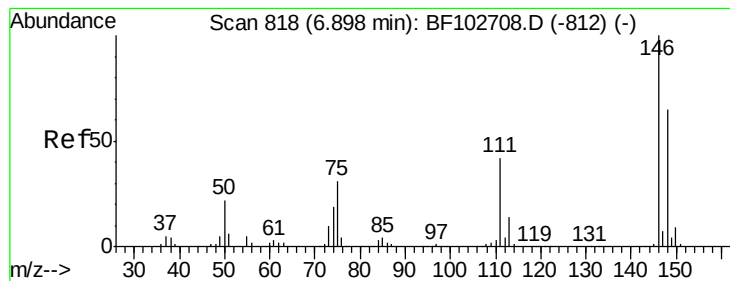
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	58.6	98.6
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 32.32 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	30.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.23 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

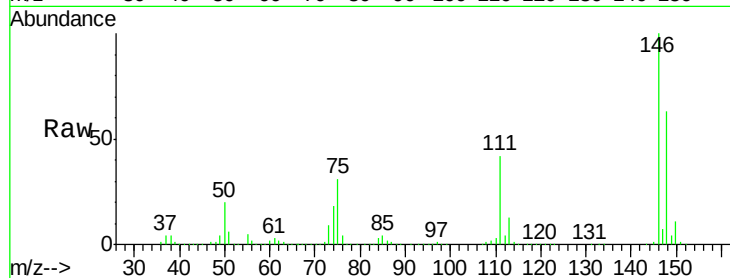
Tot Ion:146 Resp: 481436

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

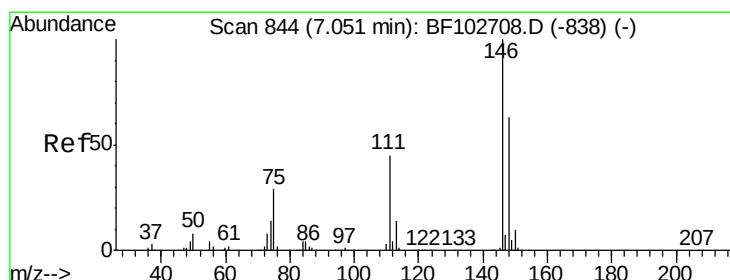
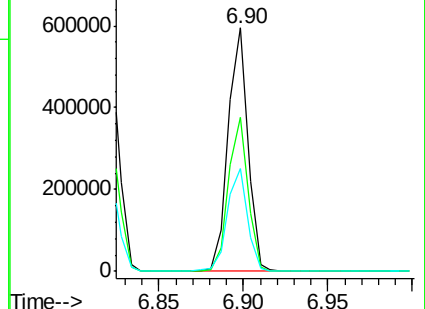
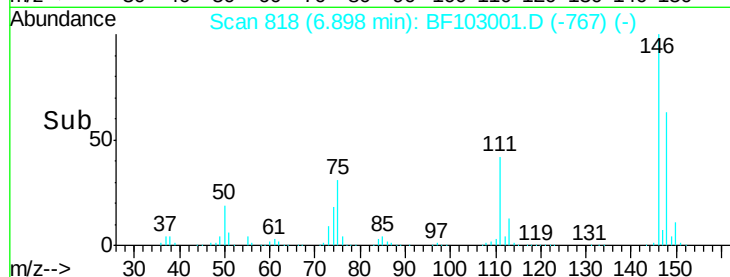
111 42.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.83 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

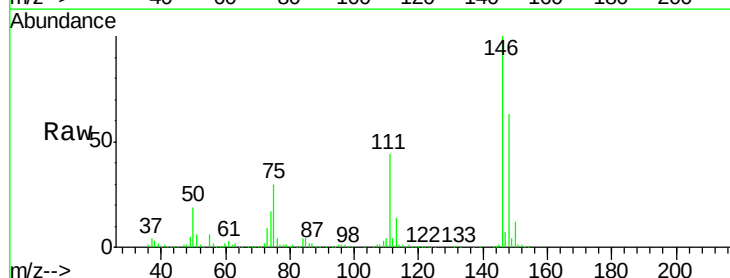
Tgt Ion:146 Resp: 443009

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

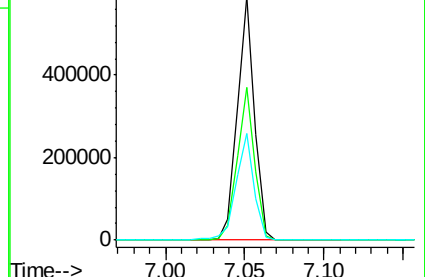
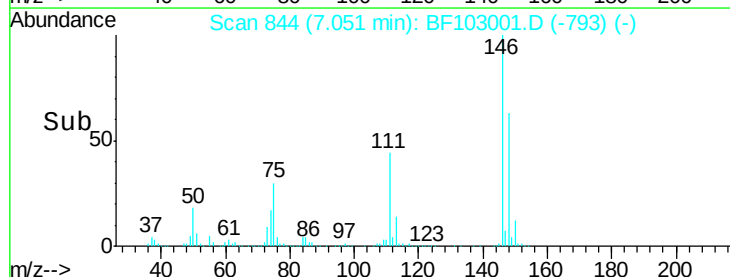
111 43.8 36.0 54.0

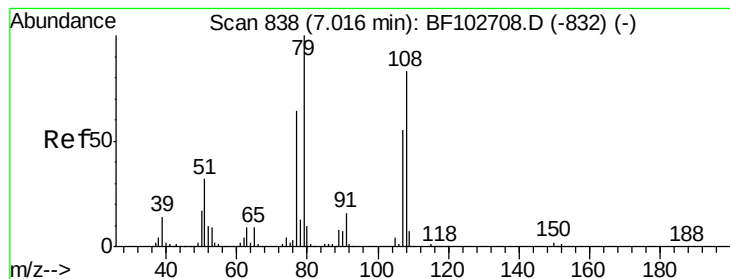


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.09 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampled :

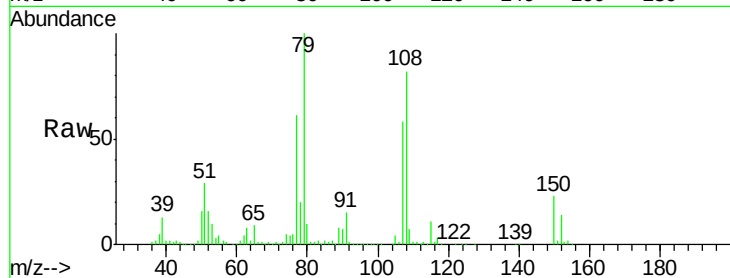
Tot Ion: 79 Resp: 385002

Ion Ratio Lower Upper

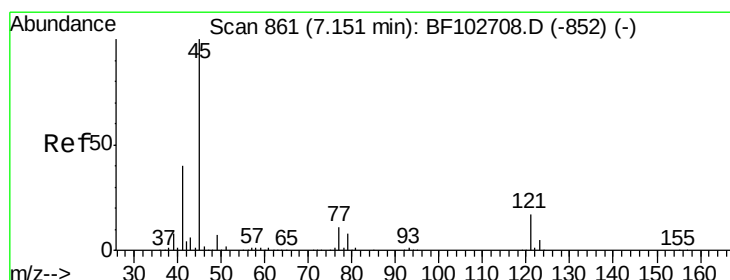
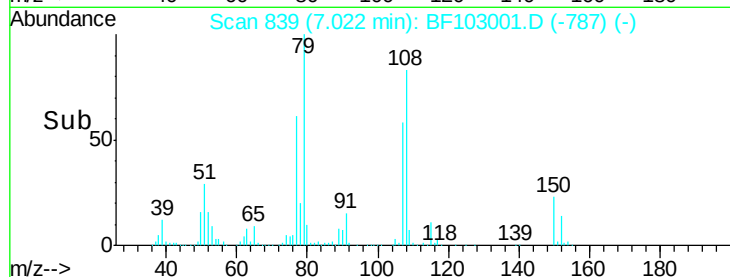
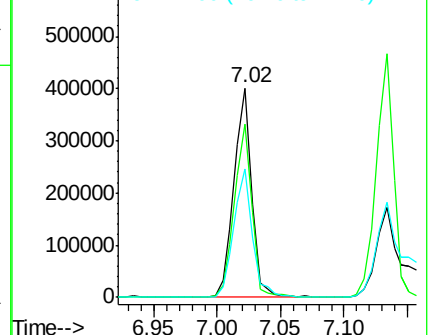
79 100

108 82.5 65.1 97.7

77 61.2 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.94 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

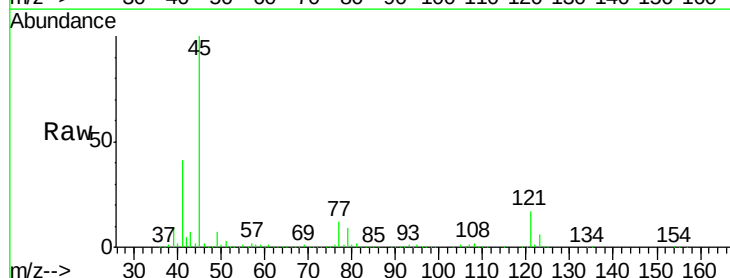
Tgt Ion: 45 Resp: 794904

Ion Ratio Lower Upper

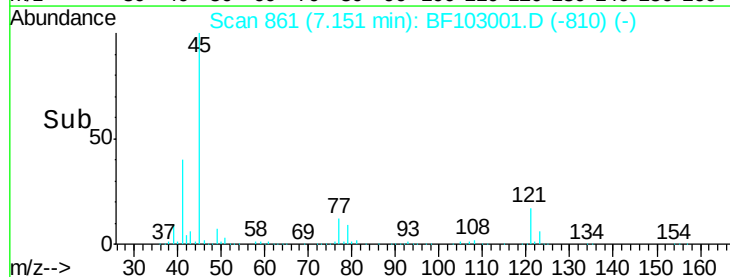
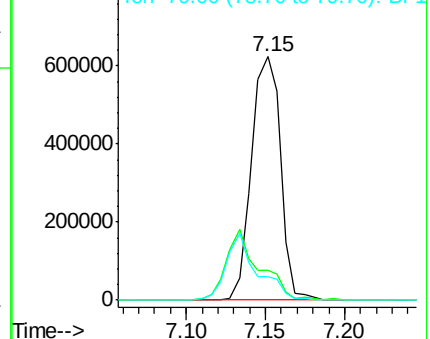
45 100

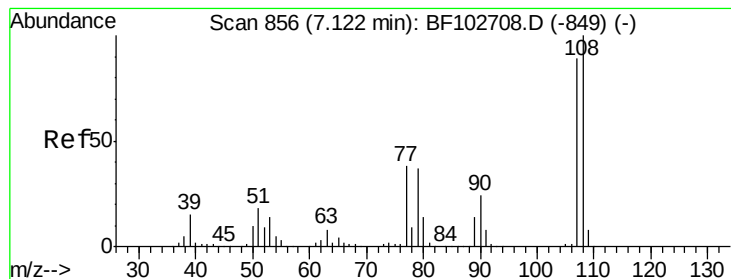
77 12.4 0.0 32.9

79 9.4 0.0 29.6



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





#17

2-Methylphenol

Concen: 33.00 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 382374

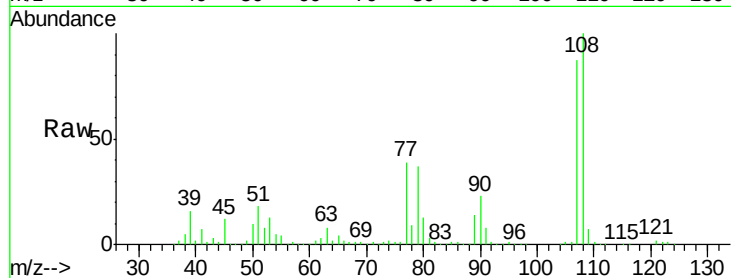
Ion Ratio Lower Upper

107 100

108 115.6 91.7 137.5

77 45.2 33.8 50.8

79 42.5 33.8 50.8

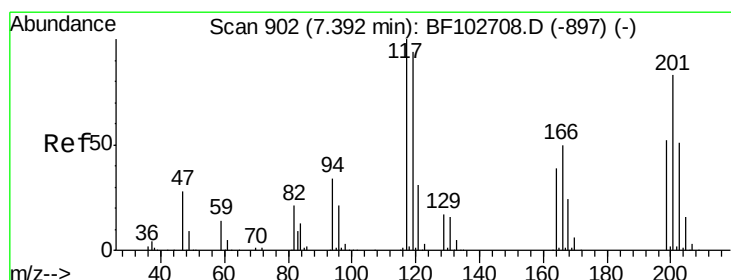
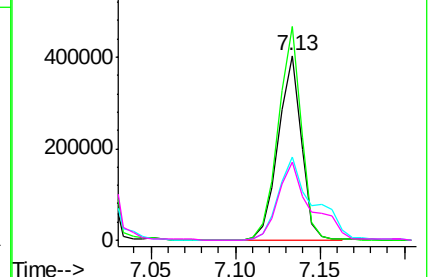
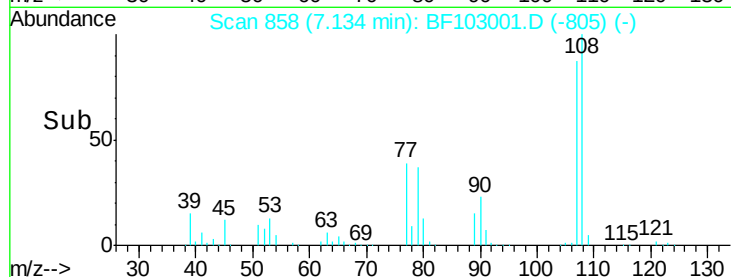


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.67 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

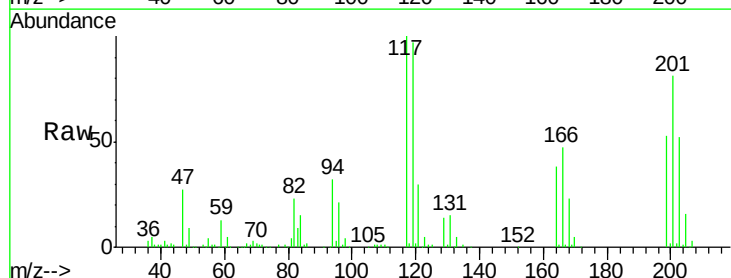
Tgt Ion:117 Resp: 137474

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

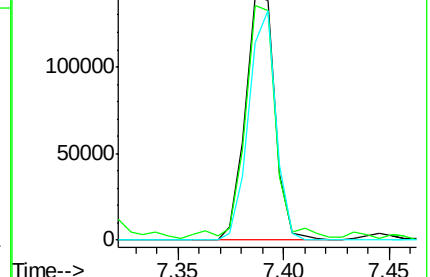
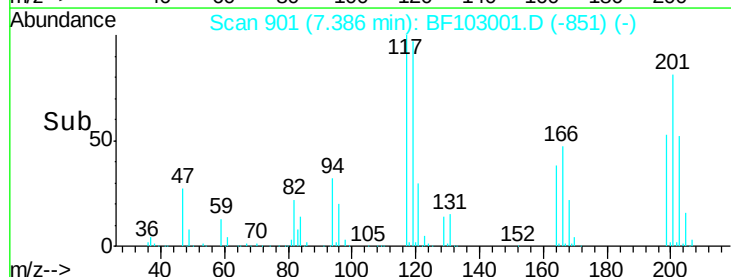
201 81.3 75.7 113.5

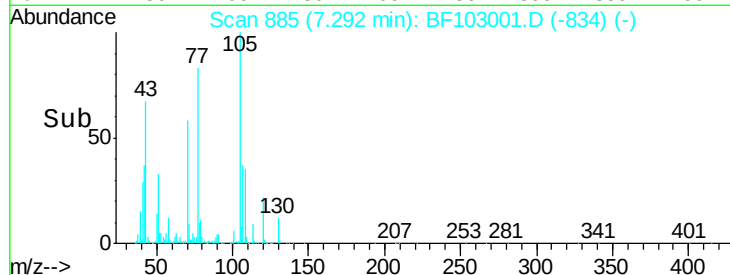
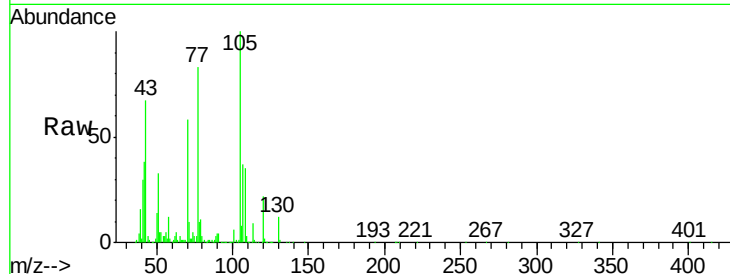
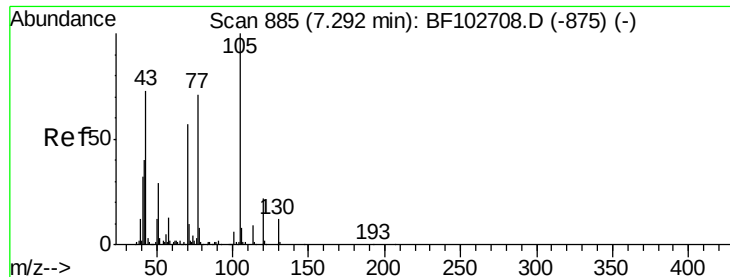


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

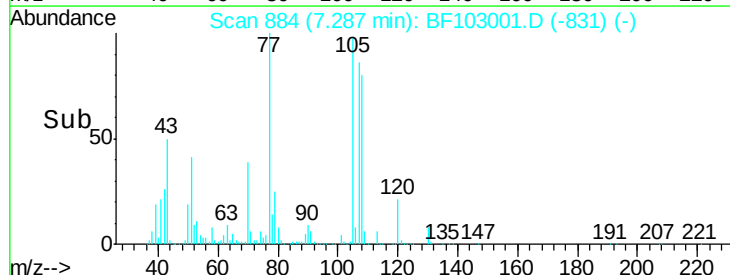
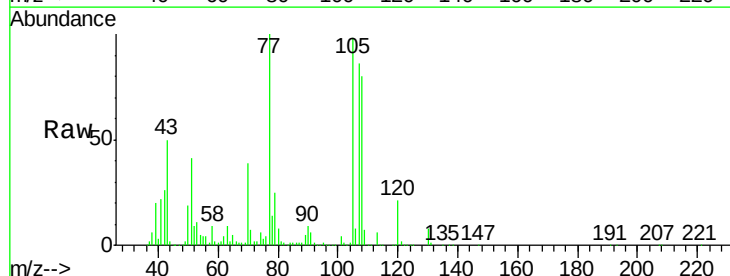
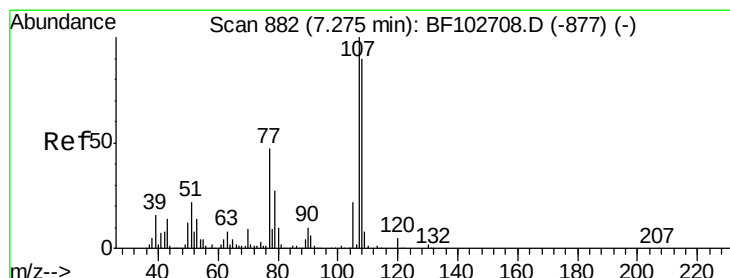
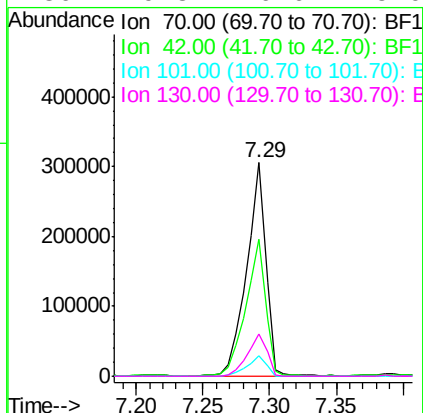




#19
n-Nitroso-di-n-propylamine
Concen: 31.12 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

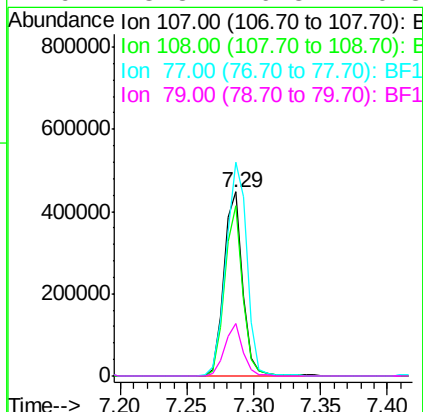
Instrument :
BNA_F
ClientSampleId :

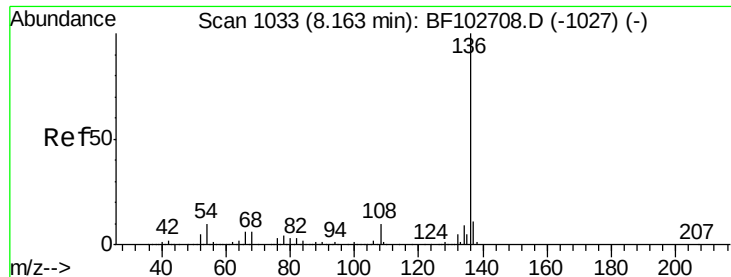
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.4	47.5	71.3	
101	9.5	7.4	11.2	
130	19.8	16.6	25.0	



#20
3+4-Methylphenols
Concen: 31.17 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.6	68.2	108.2	
77	115.9	26.7	66.7	
79	28.8	6.3	46.3	

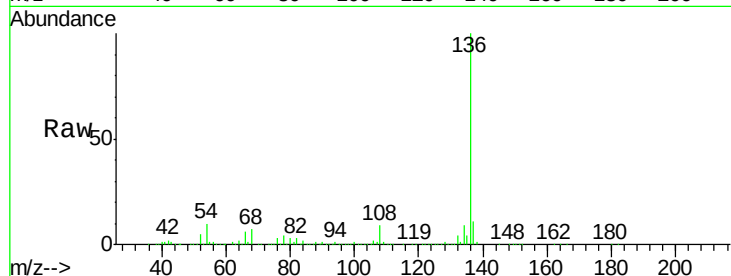




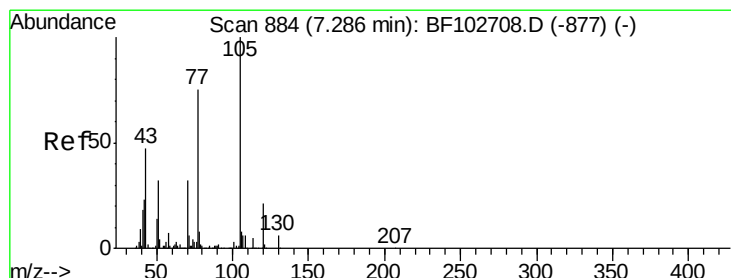
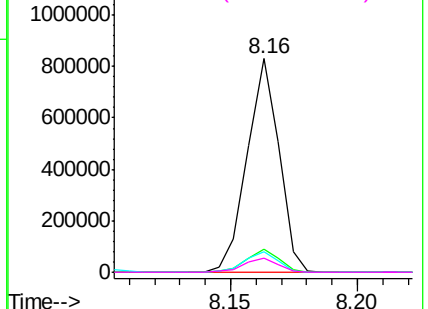
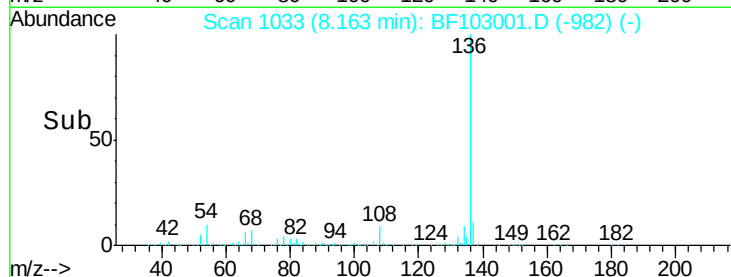
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	729167
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.9	6.6 9.8#
68	6.7	5.0 7.4

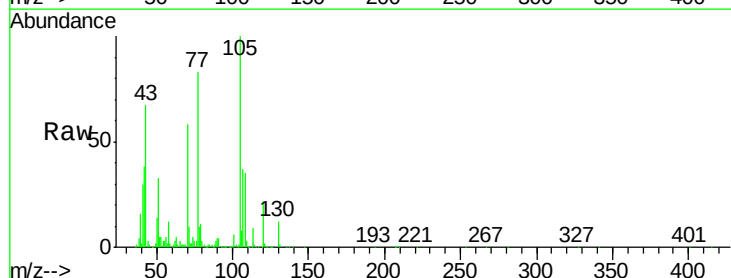


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

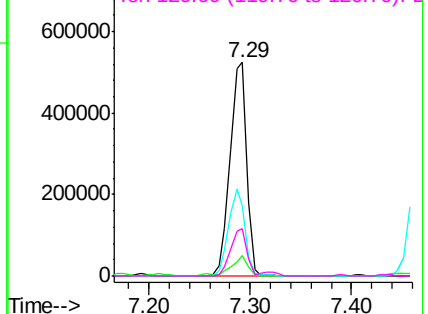
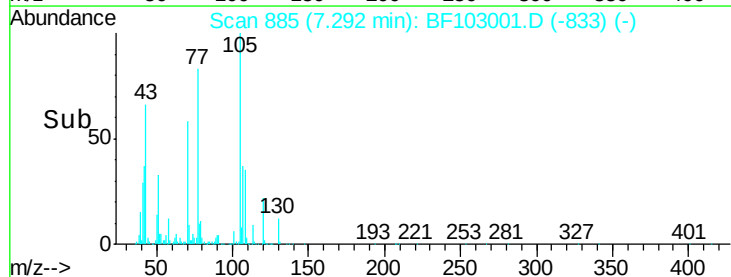


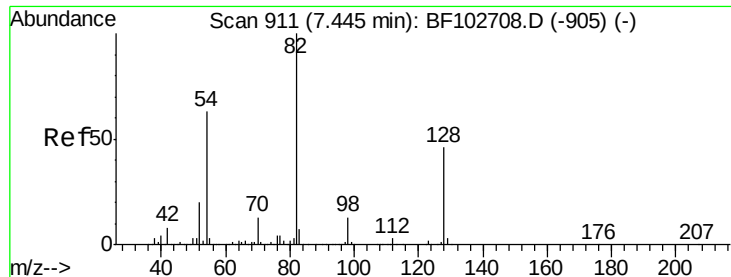
#22
Acetophenone
Concen: 33.64 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:105	Resp:	600218
Ion Ratio	Lower	Upper
105	100	
71	9.8	4.4 6.6#
51	33.0	22.3 33.5
120	22.5	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

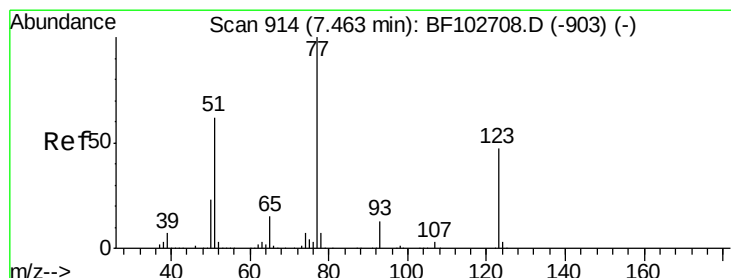
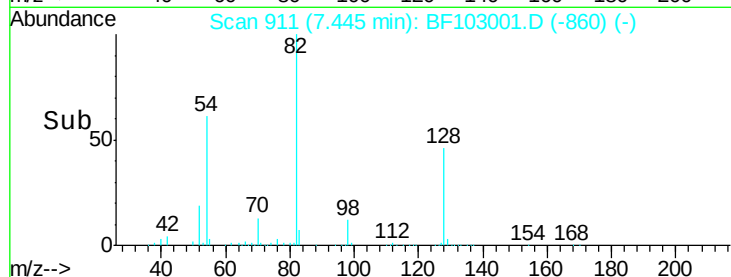
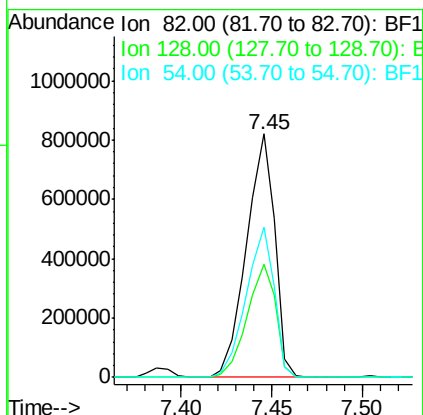
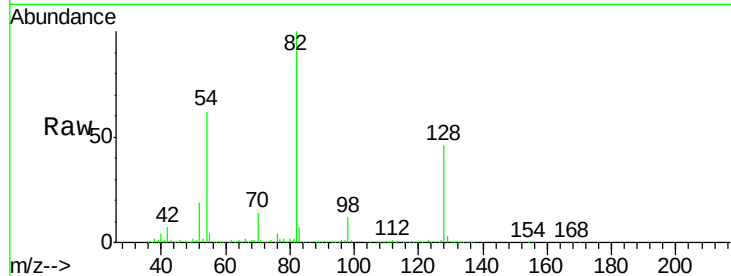




#23
 Nitrobenzene-d5
 Concen: 84.45 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

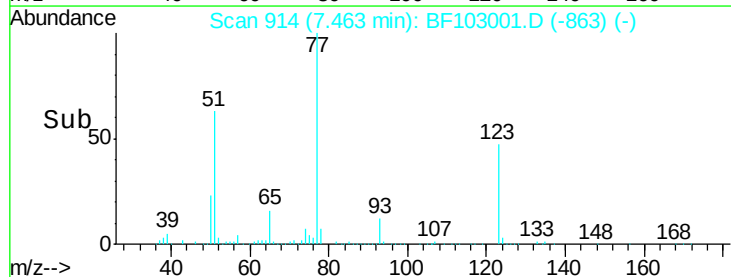
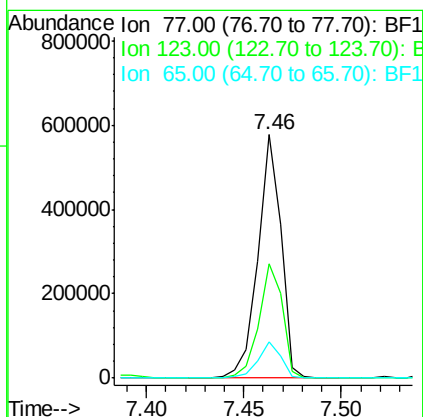
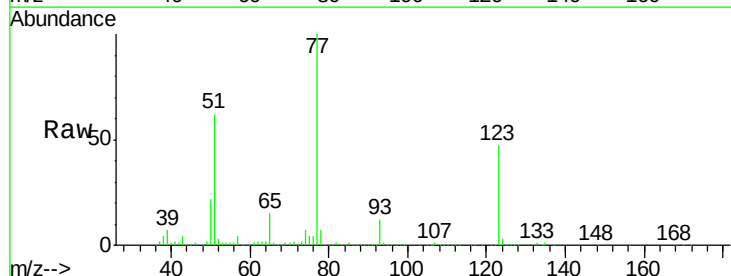
Instrument :
 BNA_F
 ClientSampleId :

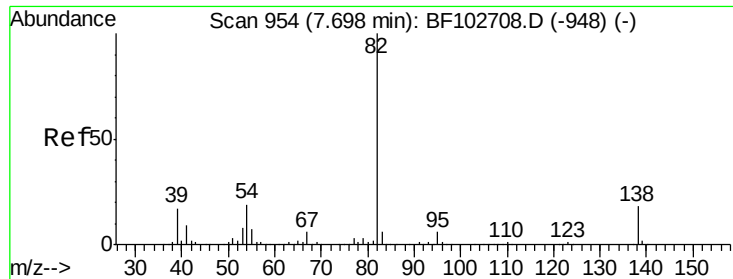
Tot Ion	82	Resp	887665
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	61.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.03 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion	77	Resp	470322
Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	15.0	11.0	16.4





#25

Isophorone

Concen: 35.98 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

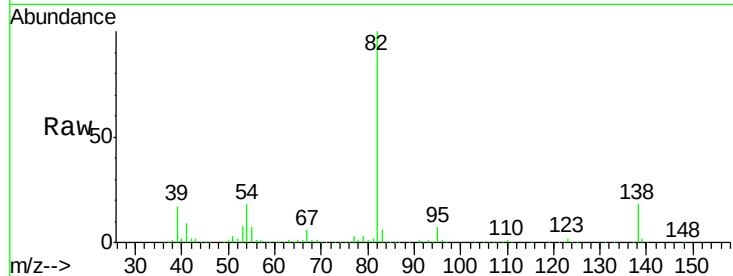
Tot Ion: 82 Resp: 870900

Ion Ratio Lower Upper

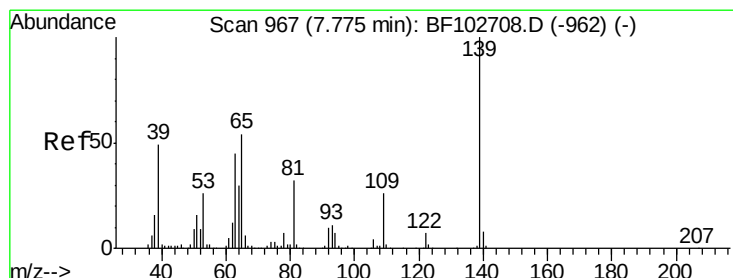
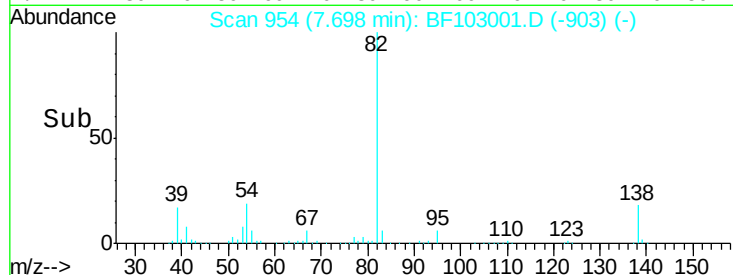
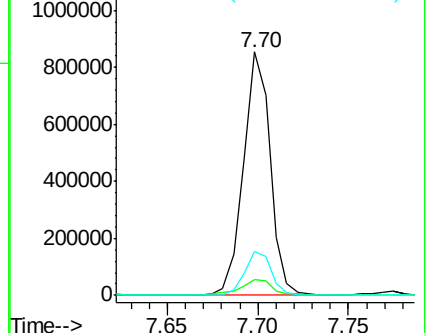
82 100

95 6.6 5.2 7.8

138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 28.59 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

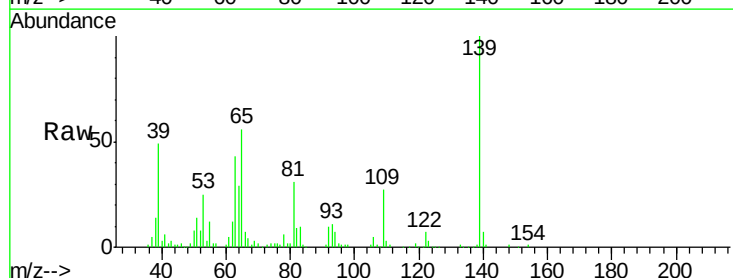
Tgt Ion: 139 Resp: 123522

Ion Ratio Lower Upper

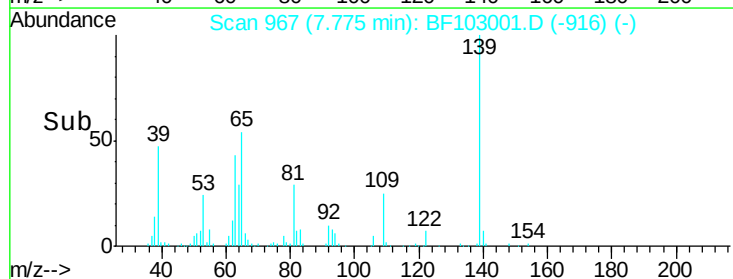
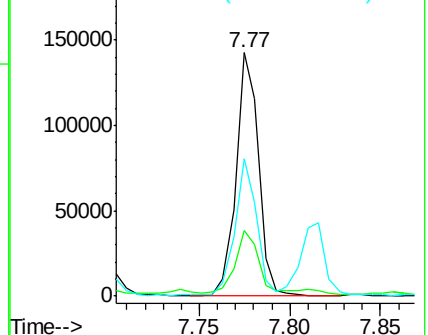
139 100

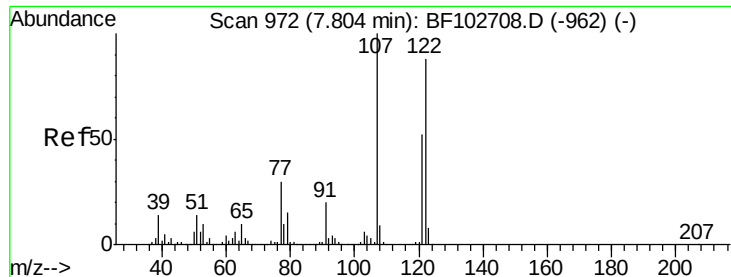
109 27.1 22.7 34.1

65 56.4 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.77 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

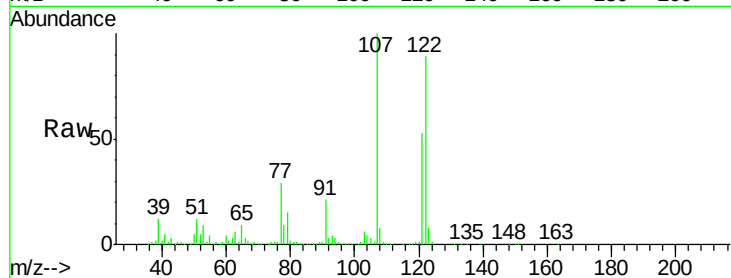
Tot Ion:122 Resp: 386253

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

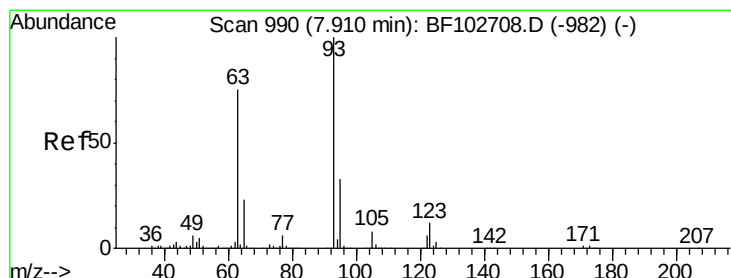
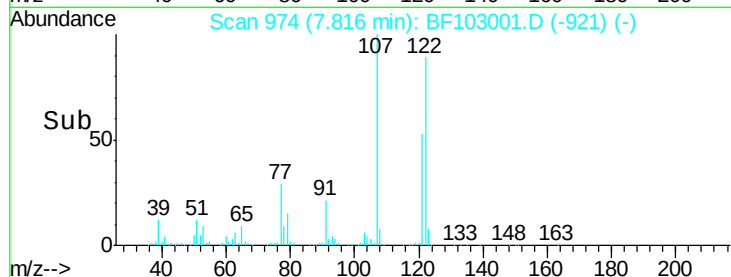
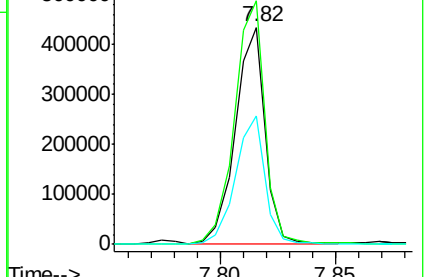
121 59.3 47.2 70.8



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: 38.93 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

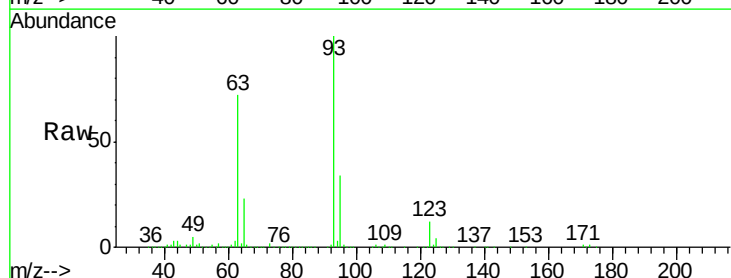
Tgt Ion: 93 Resp: 558197

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

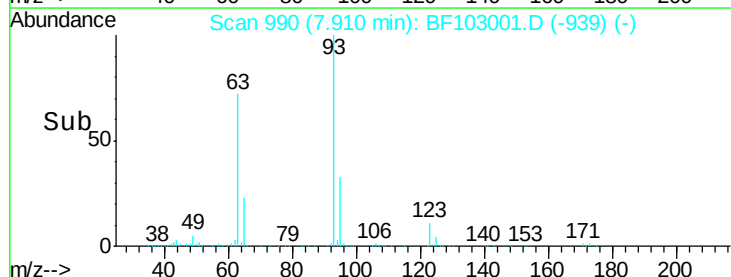
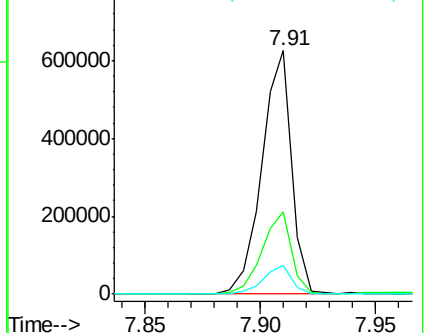
123 11.7 9.8 14.6

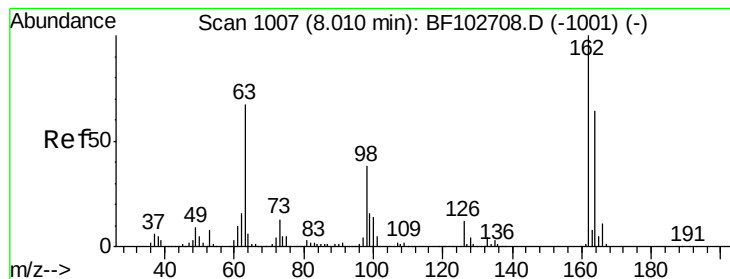


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.54 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

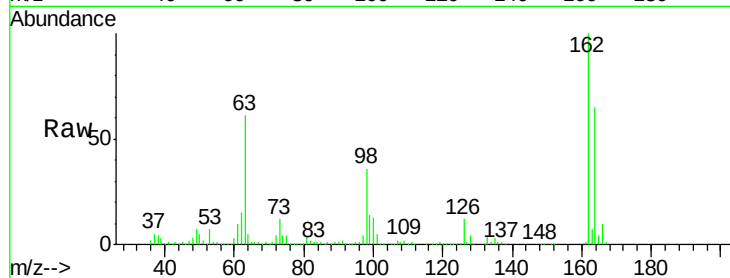
Tot Ion:162 Resp: 330402

Ion Ratio Lower Upper

162 100

164 65.0 42.7 82.7

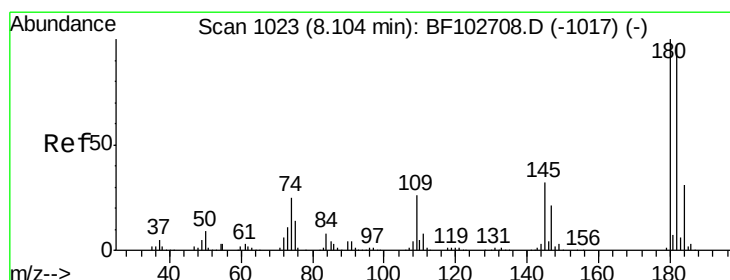
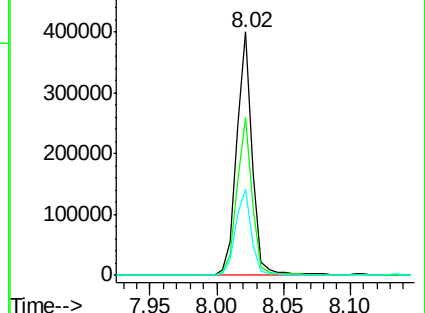
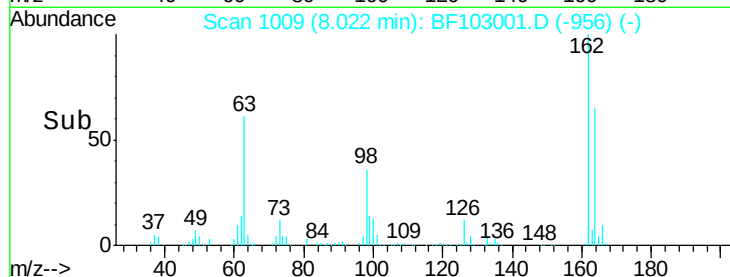
98 35.6 18.1 58.1



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: 32.47 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

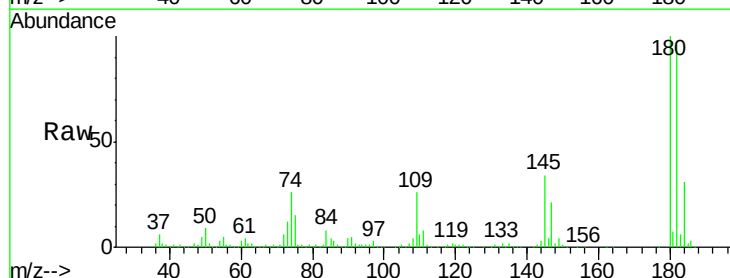
Tgt Ion:180 Resp: 341405

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

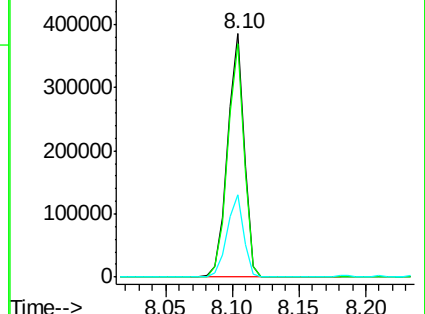
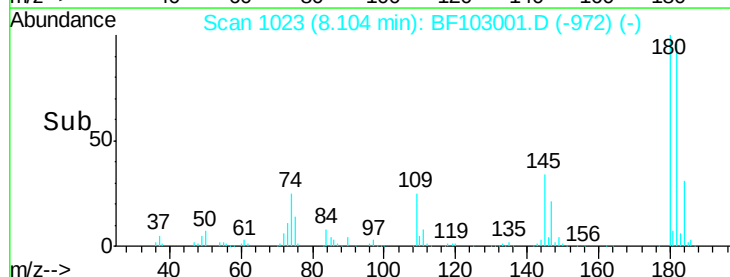
145 34.0 26.5 39.7

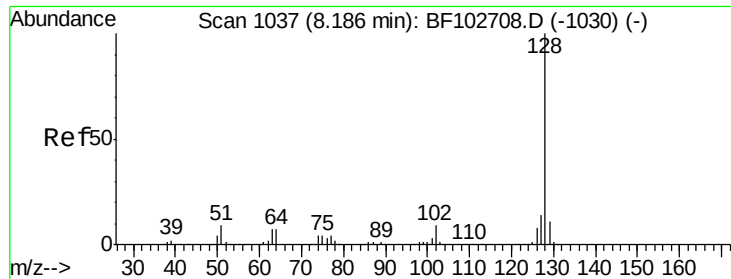


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

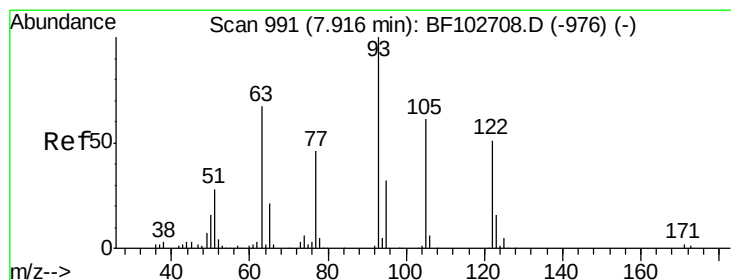
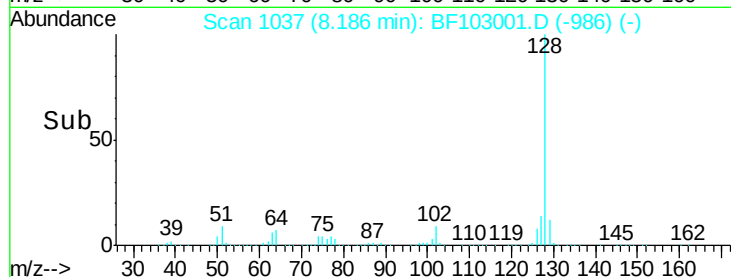
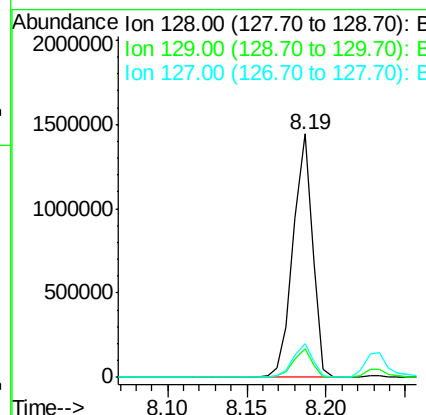
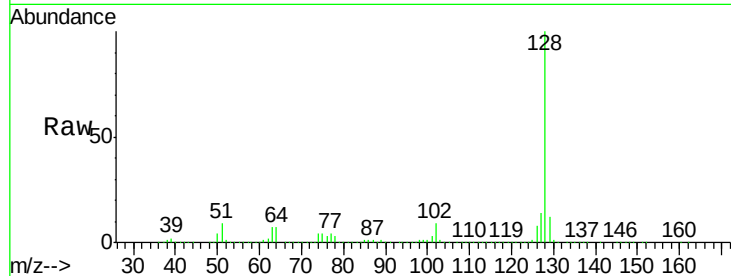




#31
Naphthalene
Concen: 34.60 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

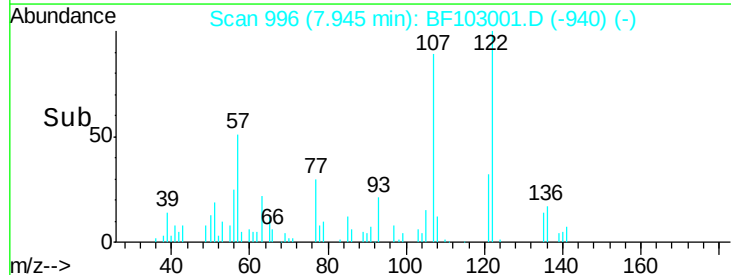
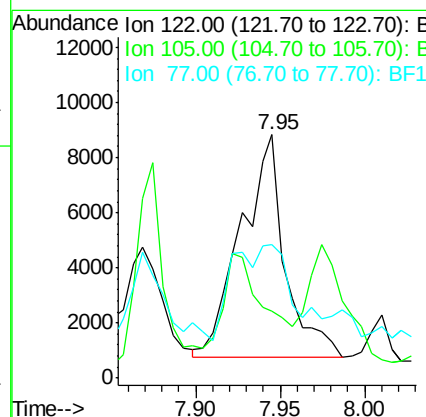
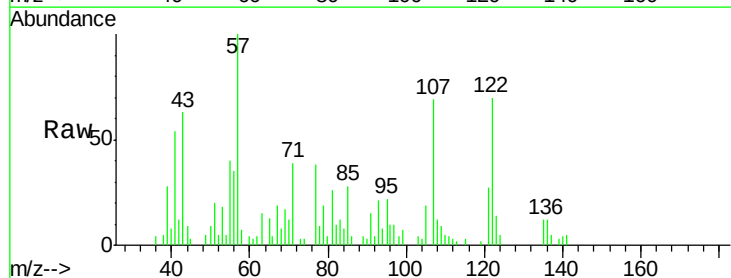
Instrument :
BNA_F
ClientSampleId :

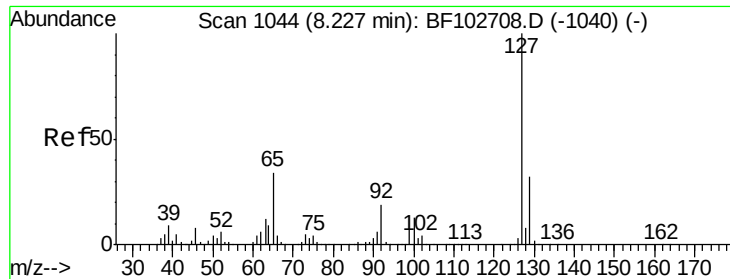
Tot Ion:128 Resp: 1232467
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 10.51 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:122 Resp: 14773
Ion Ratio Lower Upper
122 100
105 27.5 101.1 141.1#
77 54.8 70.7 110.7#

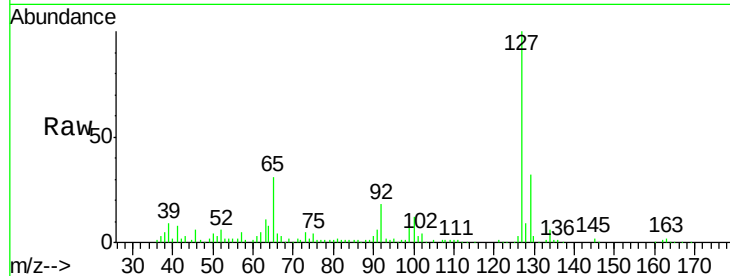




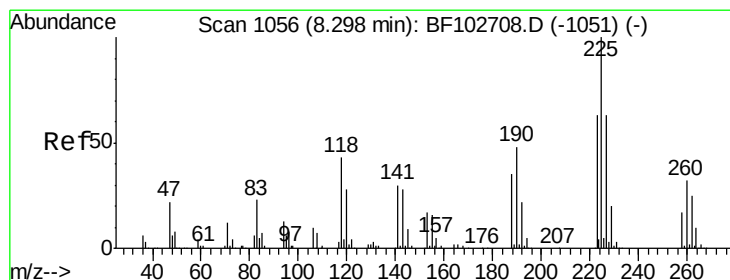
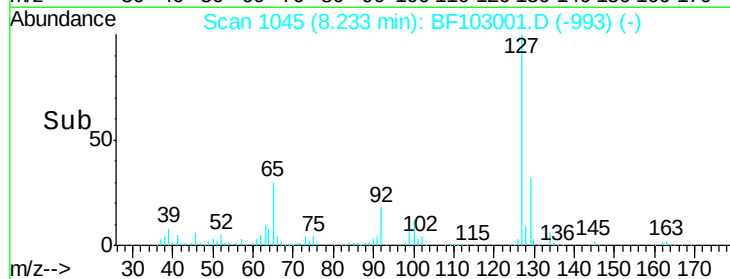
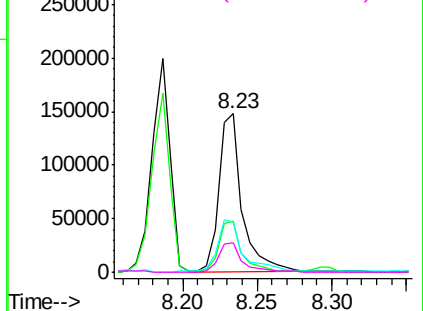
#33
4-Chloroaniline
Concen: 10.51 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	161303	
Ion Ratio	Lower	Upper	
127 100			
129 32.3	25.9	38.9	
65 31.3	25.0	37.4	
92 18.4	15.2	22.8	

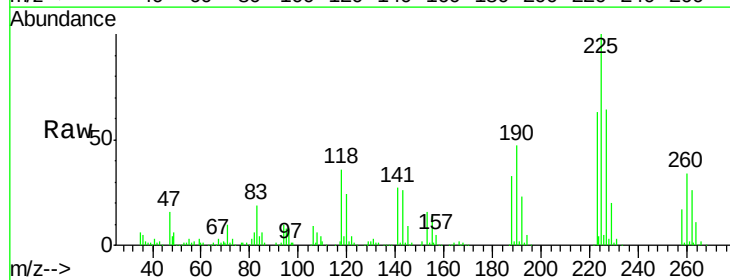


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

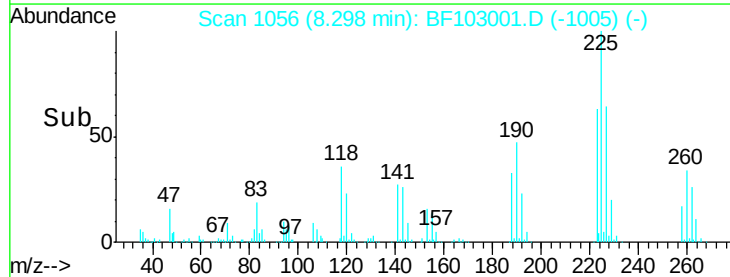
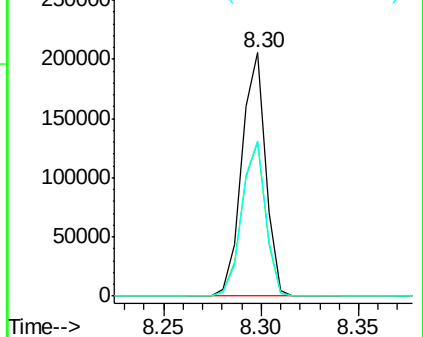


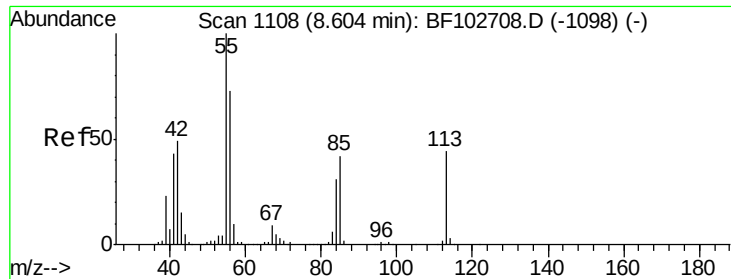
#34
Hexachlorobutadiene
Concen: 32.21 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt	Ion:225	Resp:	173588
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.9	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

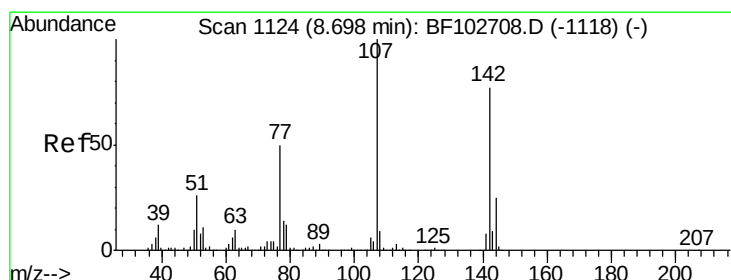
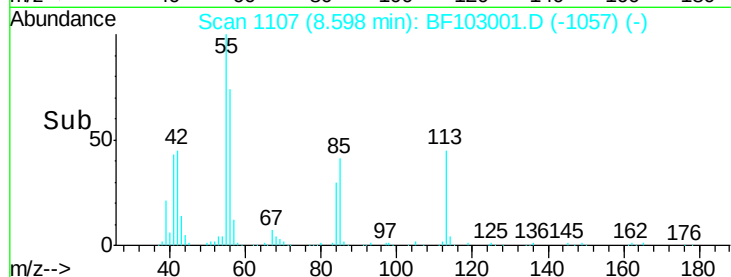
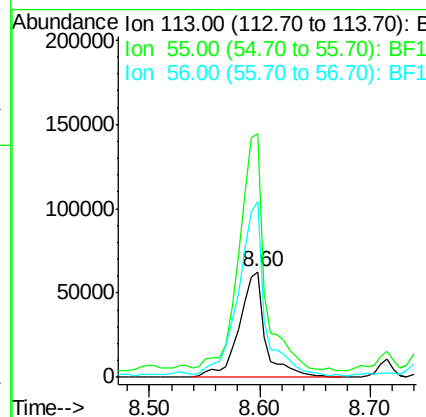
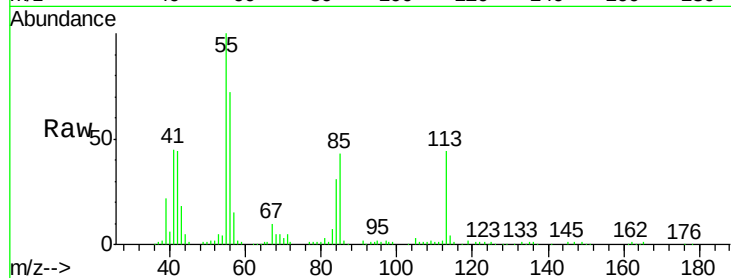




#35
 Caprolactam
 Concen: 32.25 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

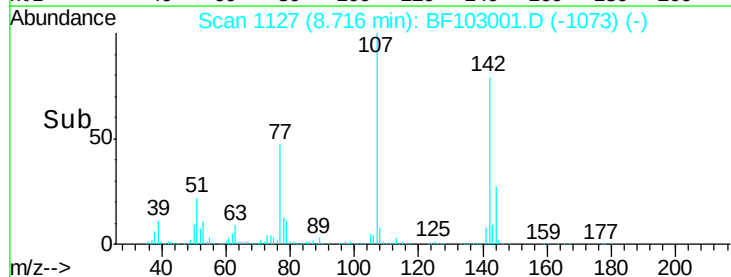
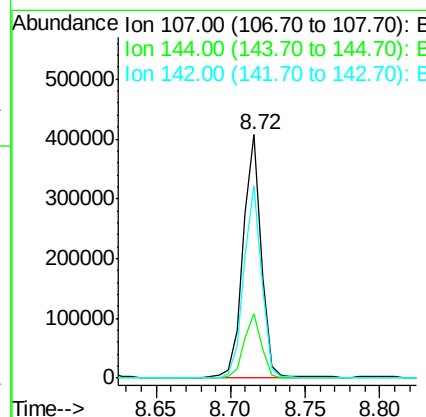
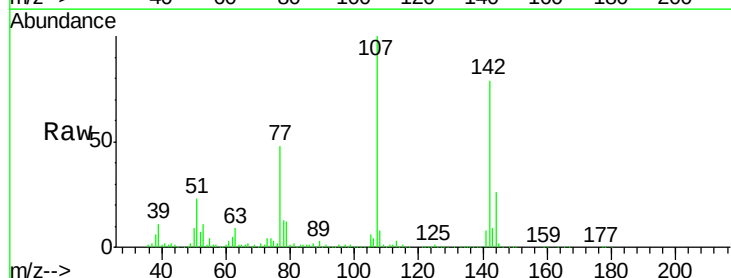
Instrument :
 BNA_F
 ClientSampleId :

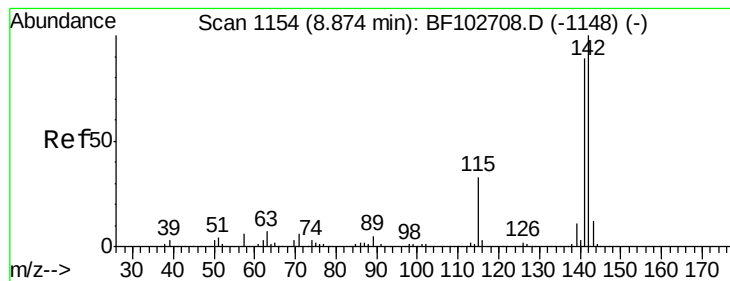
Tot Ion:113 Resp: 104126
 Ion Ratio Lower Upper
 113 100
 55 229.7 163.3 203.3#
 56 165.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 32.90 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.02 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion:107 Resp: 343584
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 79.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.31 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

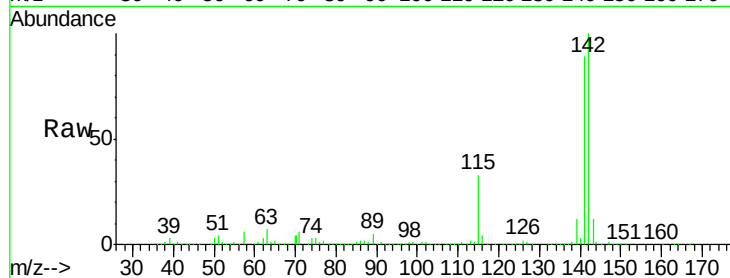
Tot Ion:142 Resp: 823505

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

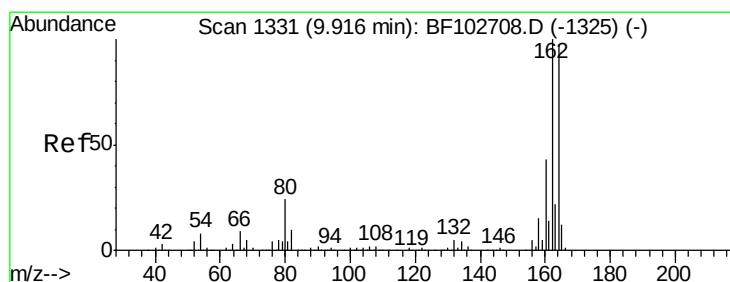
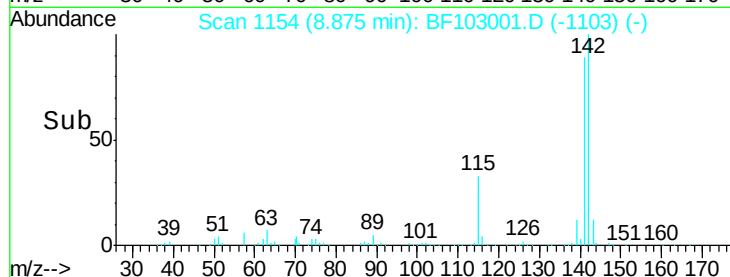
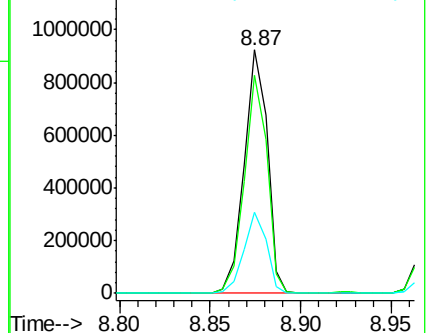
115 33.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

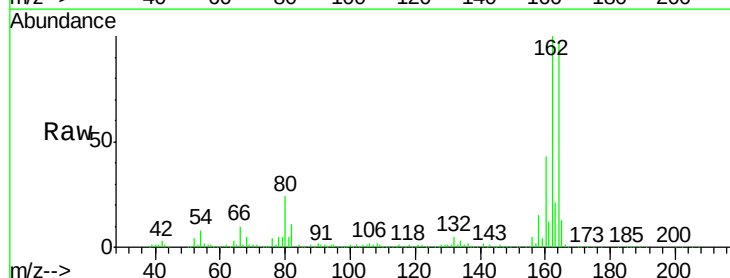
Tgt Ion:164 Resp: 272998

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

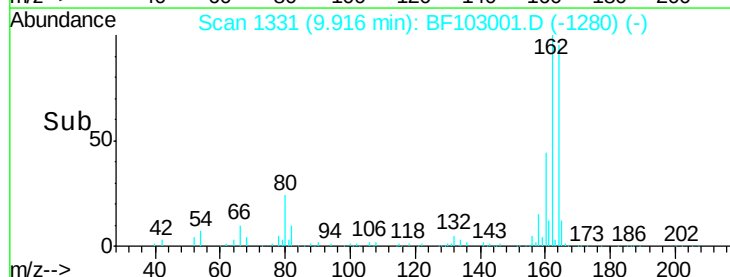
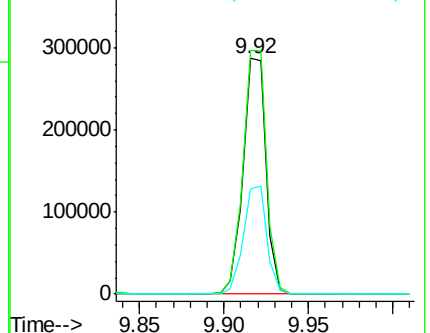
160 44.9 38.3 57.5

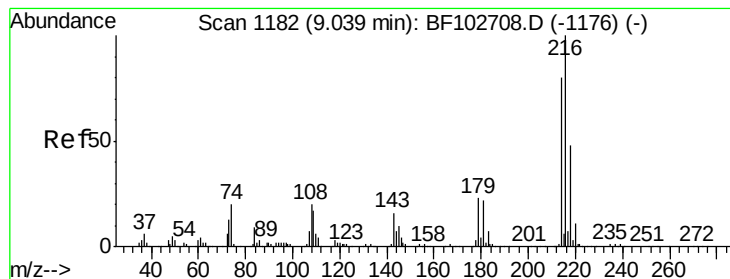


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.90 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 281733

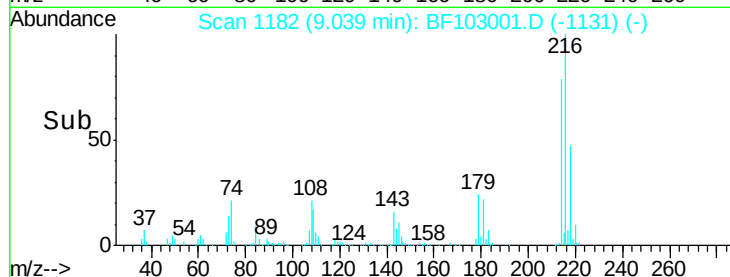
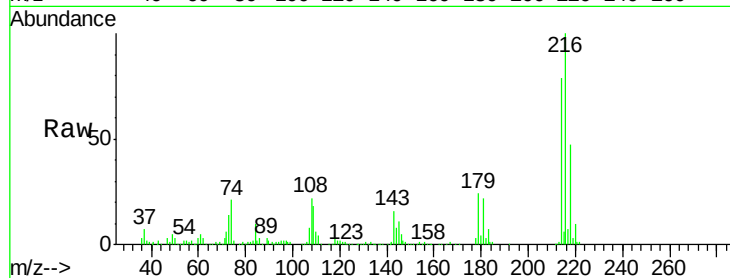
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 23.5 18.1 27.1

108 20.9 17.2 25.8

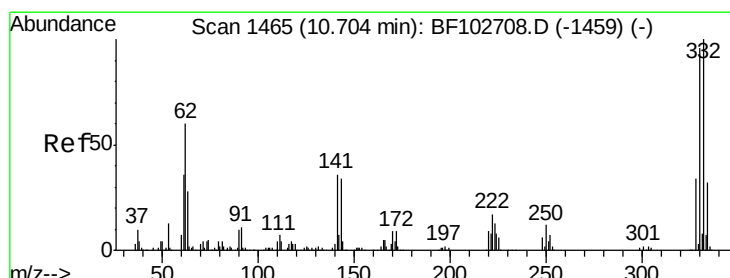
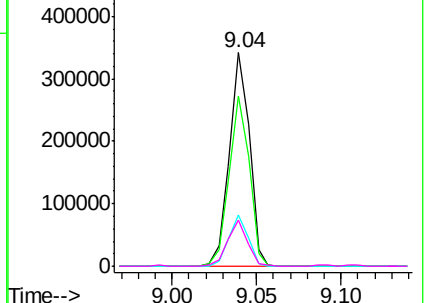


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 85.44 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

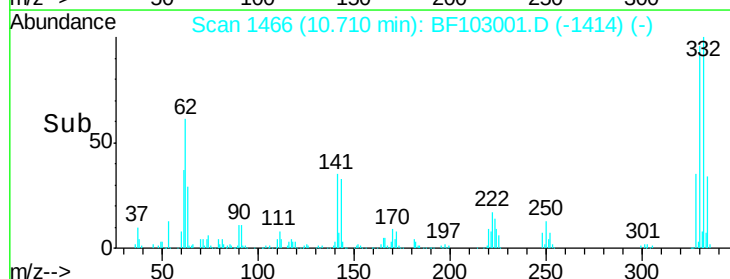
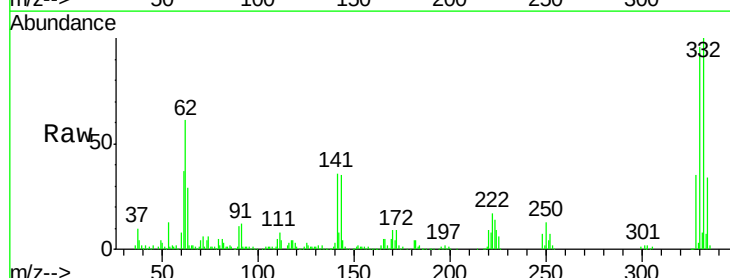
Tgt Ion:330 Resp: 187729

Ion Ratio Lower Upper

330 100

332 102.6 77.0 115.6

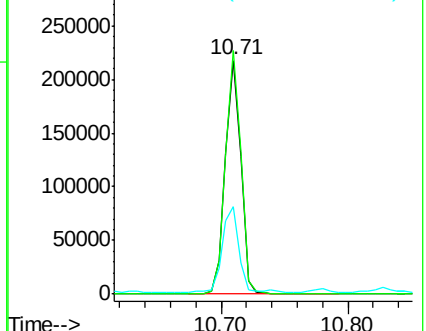
141 38.6 29.9 44.9

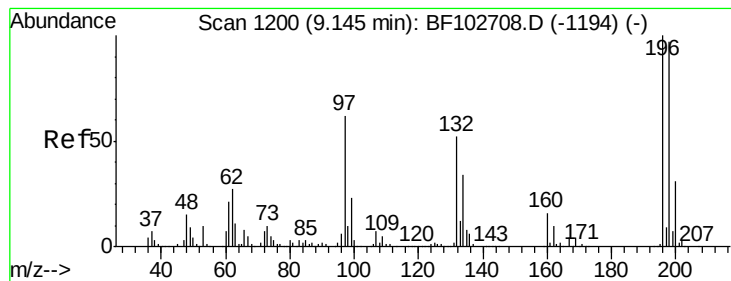


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 36.99 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampled :

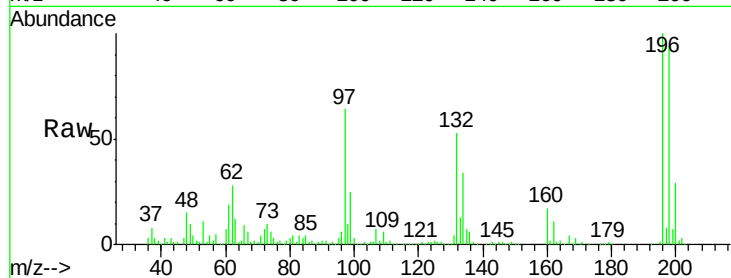
Tot Ion:196 Resp: 180615

Ion Ratio Lower Upper

196 100

198 93.6 75.7 113.5

200 29.2 24.5 36.7

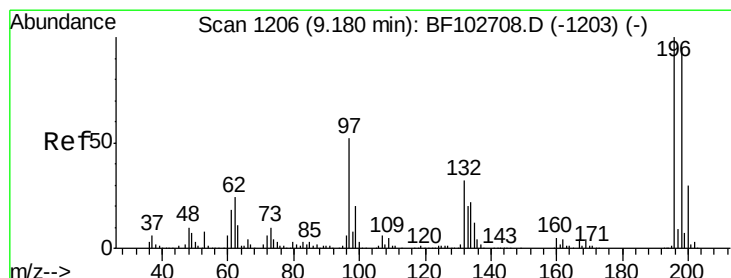
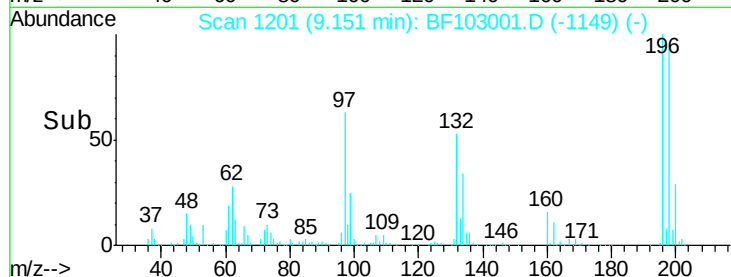
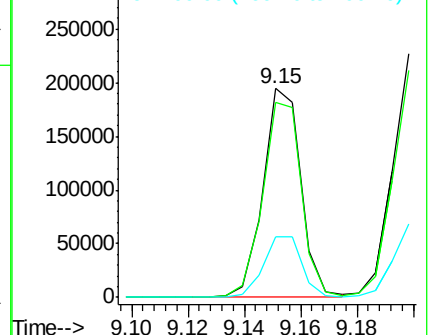


Abundance

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: 33.09 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:196 Resp: 182097

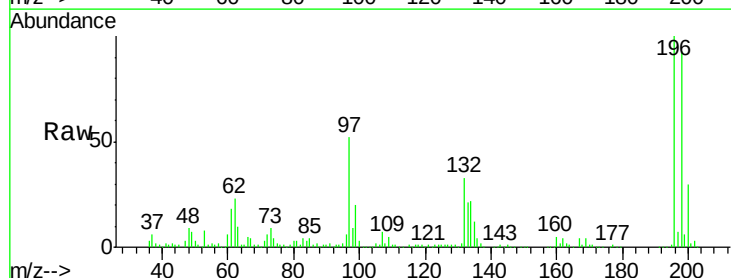
Ion Ratio Lower Upper

196 100

198 93.5 74.6 112.0

97 52.3 42.9 64.3

132 32.5 26.3 39.5



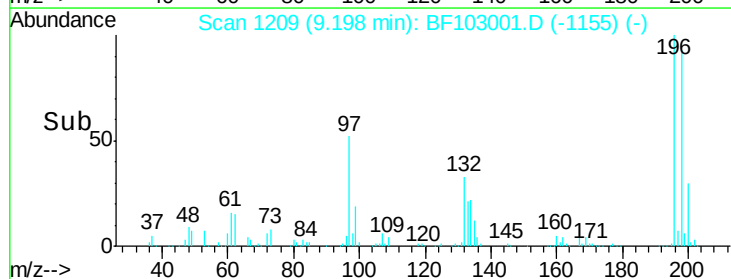
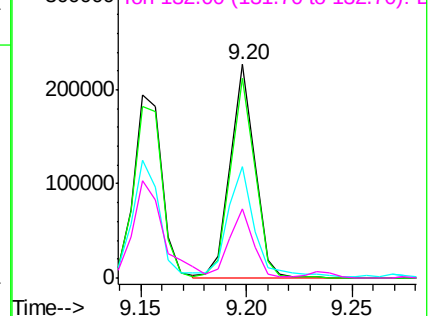
Abundance

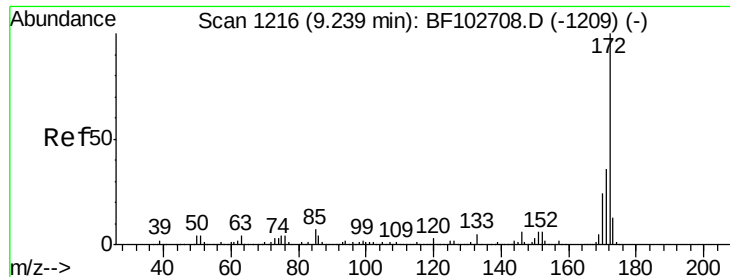
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 73.30 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

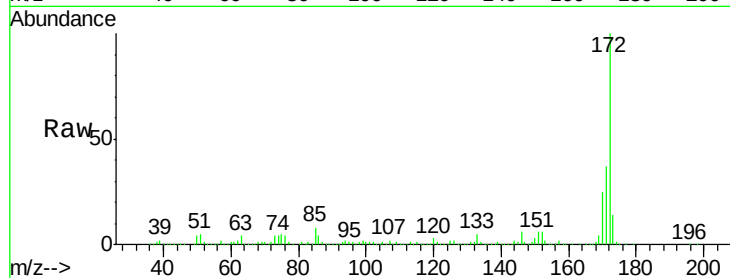
Tot Ion:172 Resp: 1205863

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

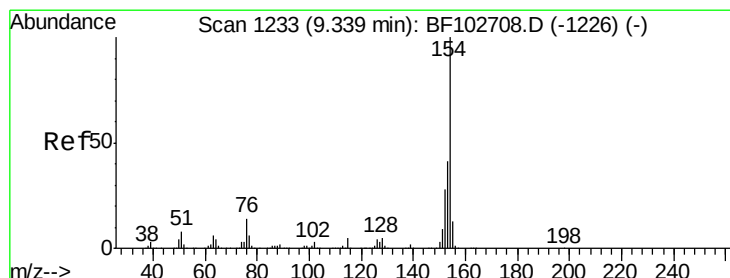
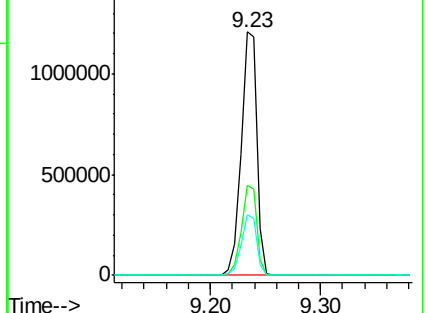
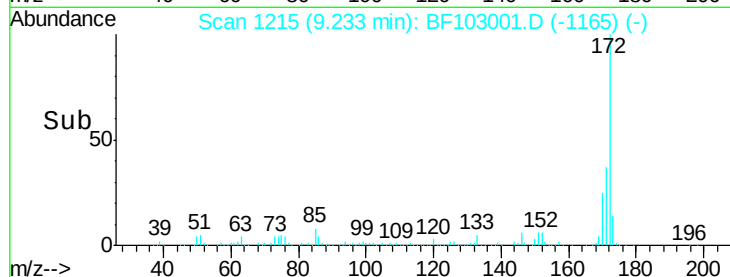
170 24.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 36.17 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

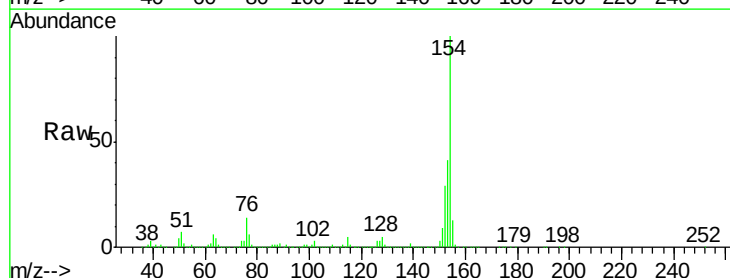
Tgt Ion:154 Resp: 831794

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

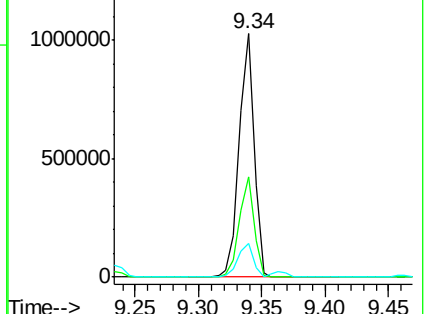
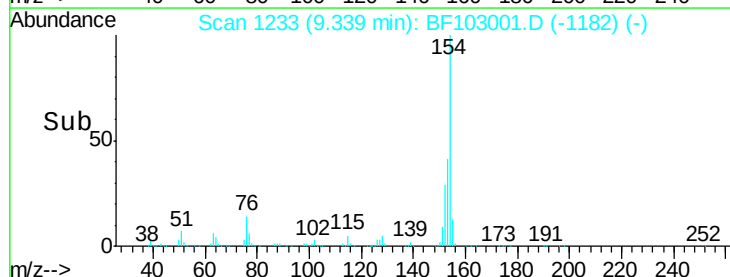
76 13.9 0.0 34.0

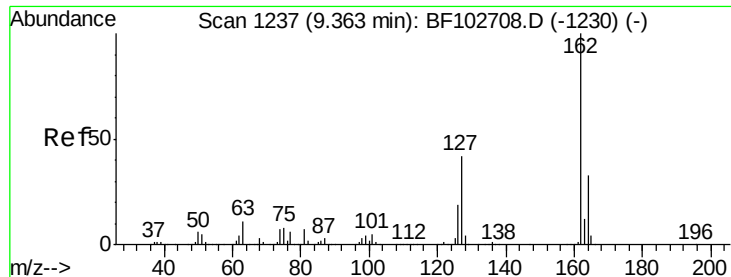


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

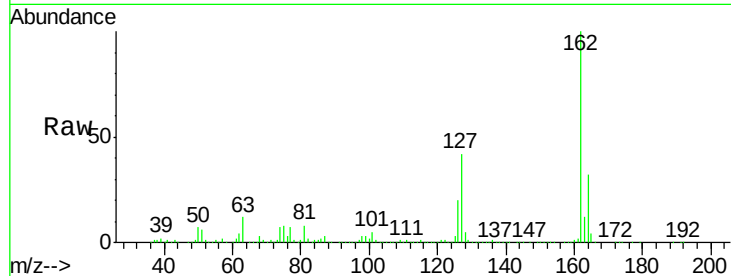




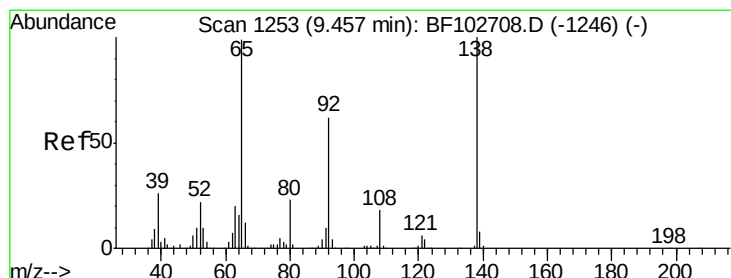
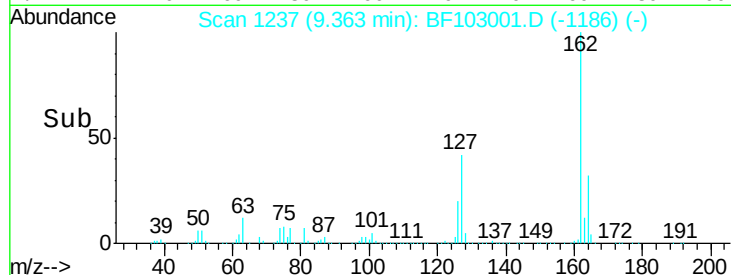
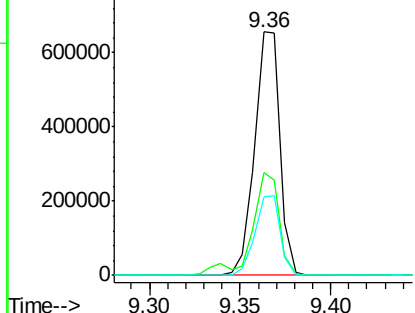
#46
 2-Chloronaphthalene
 Concen: 35.32 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.9	50.9
164	32.3	26.5	39.7

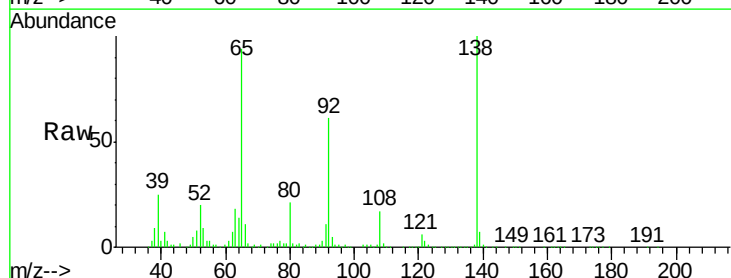


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

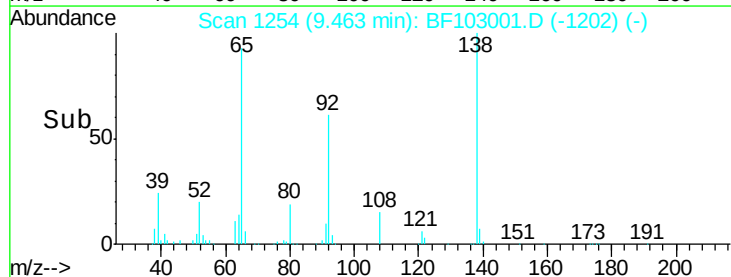
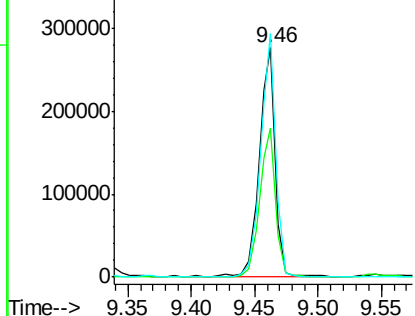


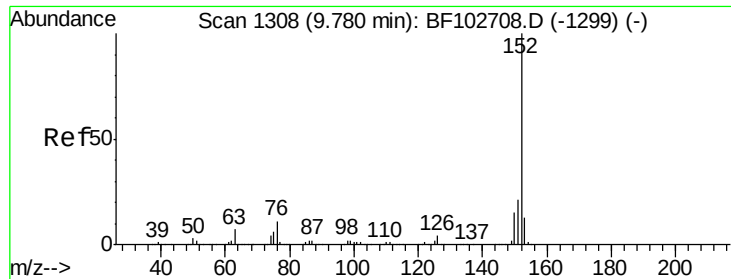
#47
 2-Nitroaniline
 Concen: 44.31 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	55.8	83.6
138	106.2	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): E





#48

Acenaphthylene

Concen: 32.23 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

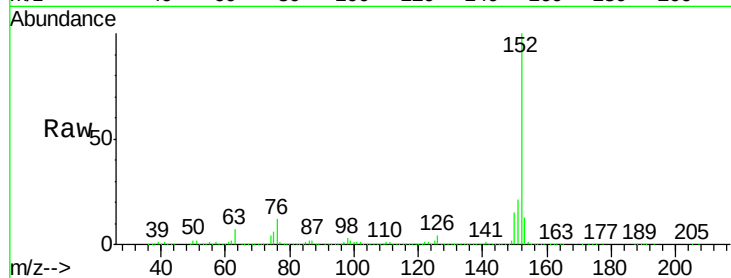
Tot Ion:152 Resp: 906270

Ion Ratio Lower Upper

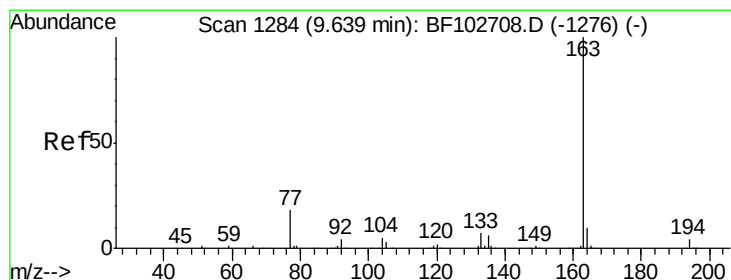
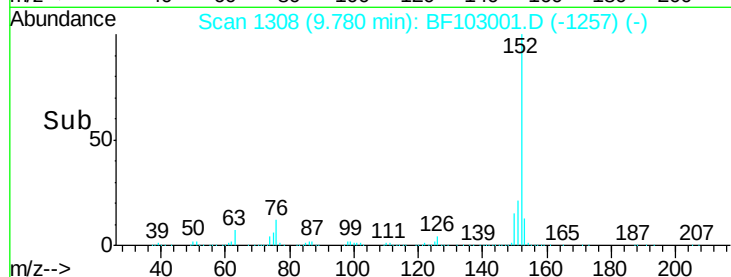
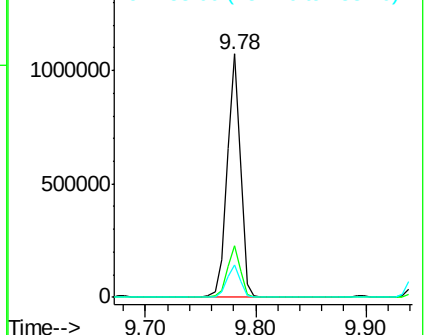
152 100

151 21.0 16.3 24.5

153 13.3 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: 43.77 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

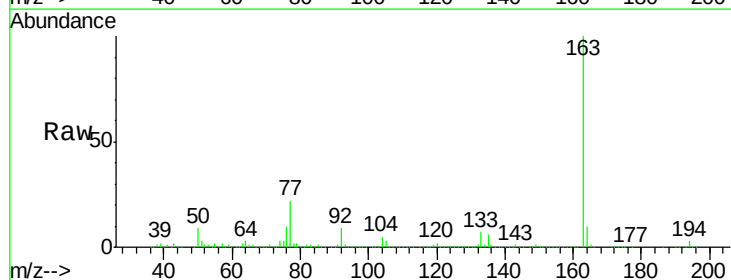
Tgt Ion:163 Resp: 931612

Ion Ratio Lower Upper

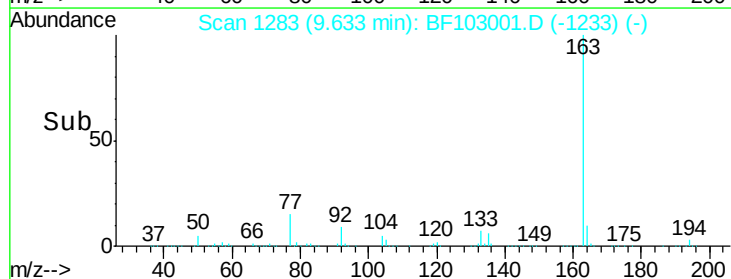
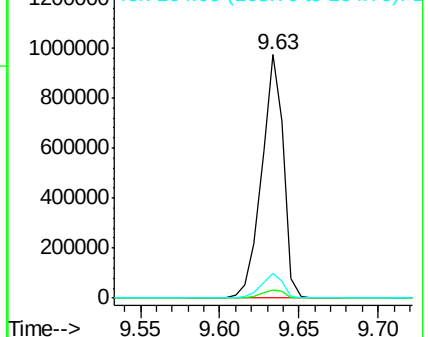
163 100

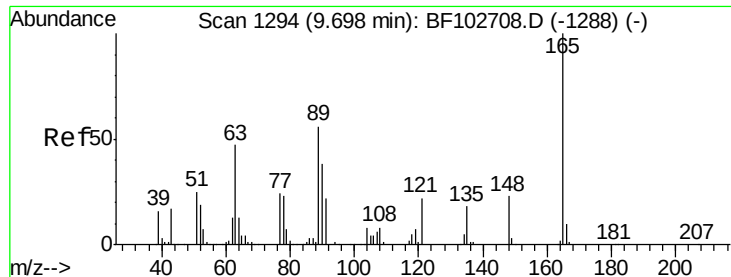
194 3.3 2.7 4.1

164 10.3 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

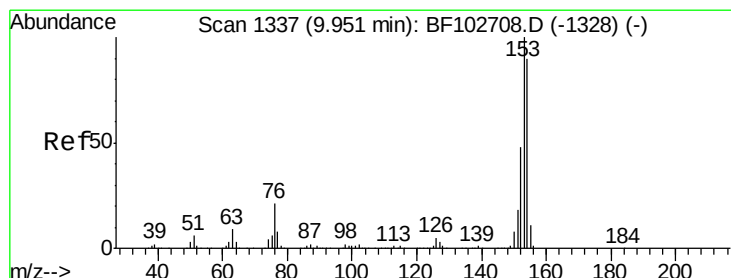
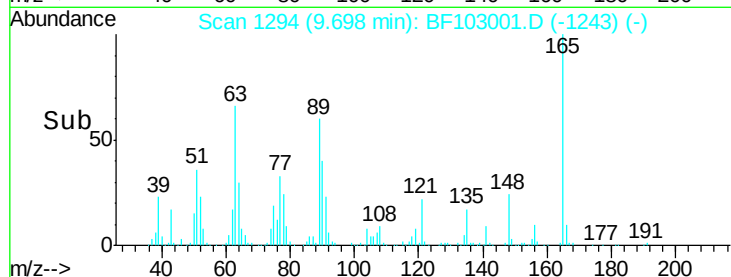
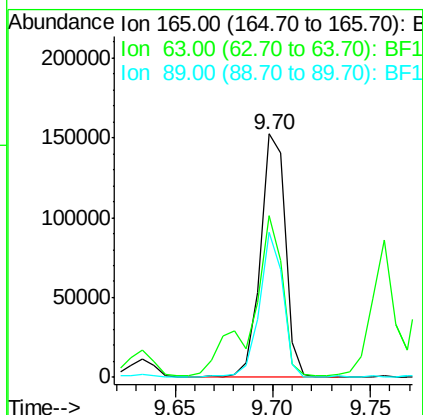
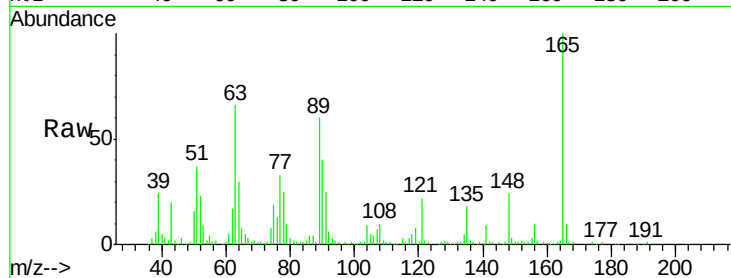




#50
 2,6-Dinitrotoluene
 Concen: 33.11 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

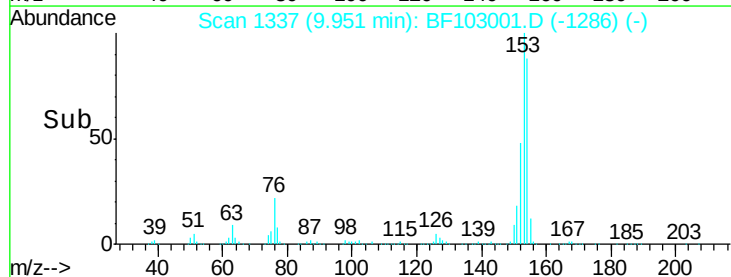
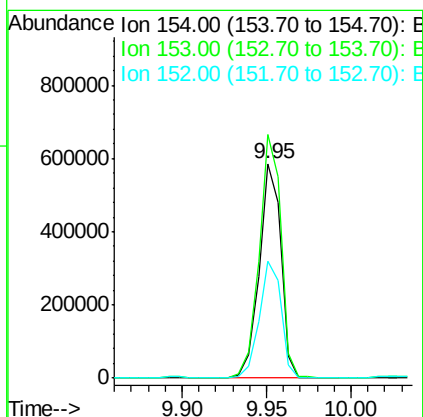
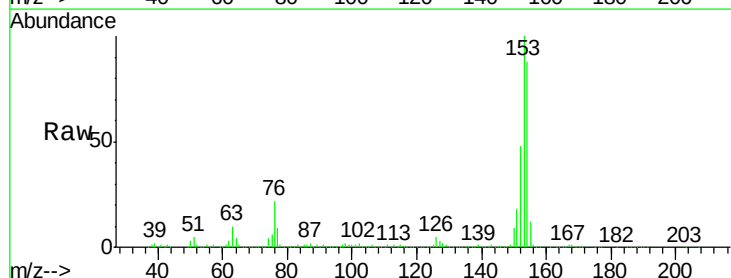
Instrument :
 BNA_F
 ClientSampleId :

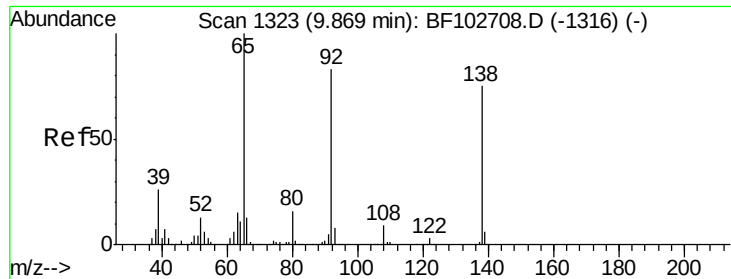
Tot Ion:165 Resp: 134073
 Ion Ratio Lower Upper
 165 100
 63 66.5 44.7 67.1
 89 59.6 44.0 66.0



#51
 Acenaphthene
 Concen: 31.07 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion:154 Resp: 522491
 Ion Ratio Lower Upper
 154 100
 153 113.5 91.2 136.8
 152 54.3 43.8 65.8

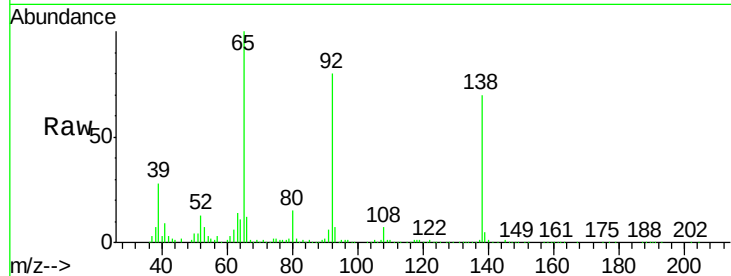




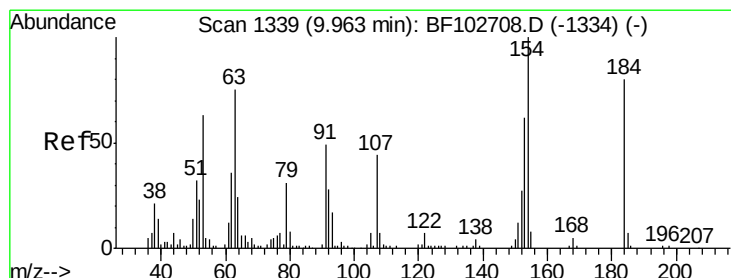
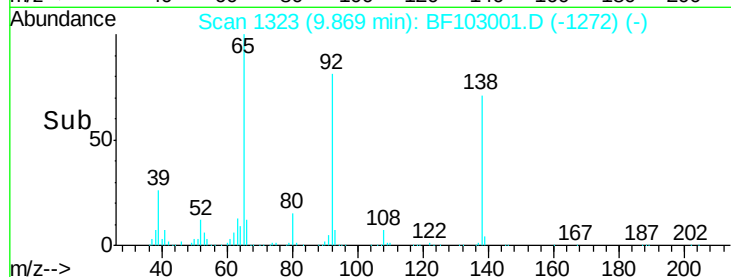
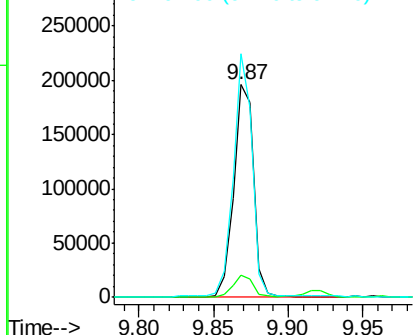
#52
3-Nitroaniline
Concen: 36.78 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 183250
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 114.4 89.4 134.2

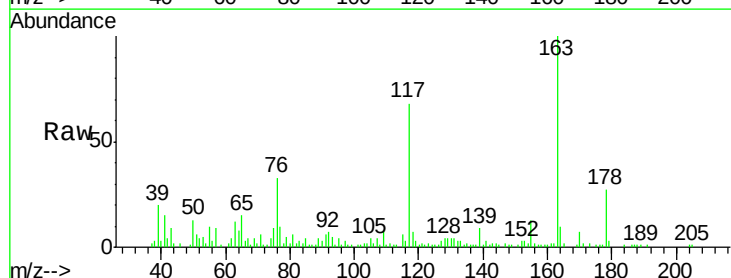


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

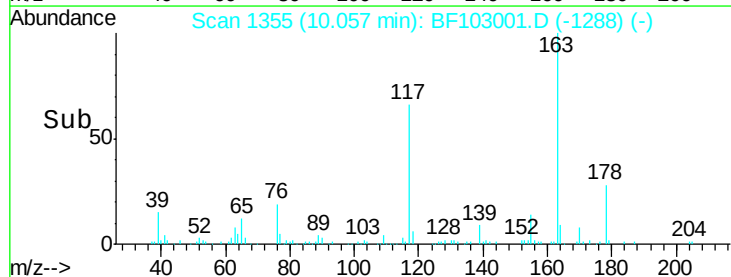
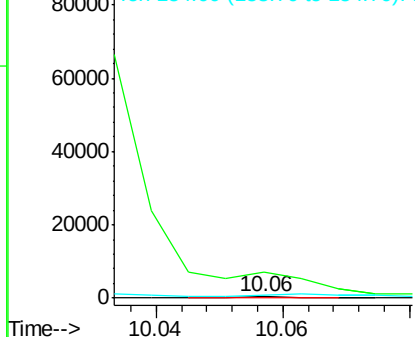


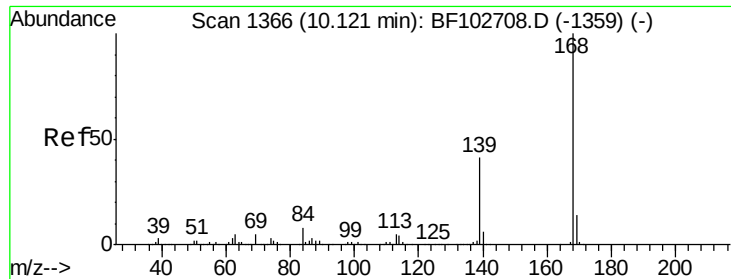
#53
2,4-Dinitrophenol
Concen: 8.09 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.09 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
63 2000.3 54.2 81.2#
154 245.8 184.0 276.0



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





#54

Dibenzenofuran

Concen: 32.54 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

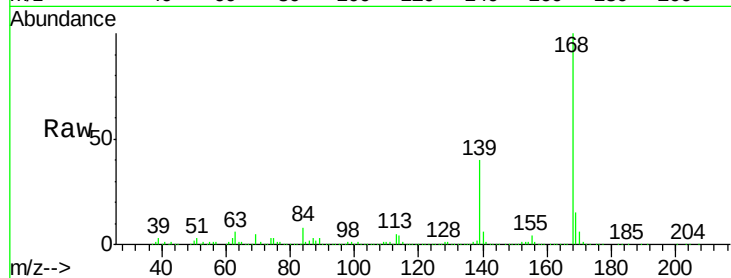
Tot Ion:168 Resp: 771102

Ion Ratio Lower Upper

168 100

139 39.9 30.1 45.1

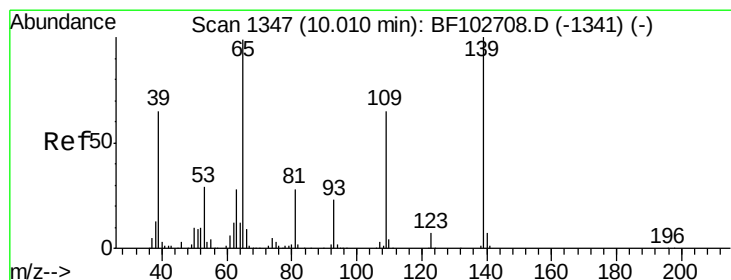
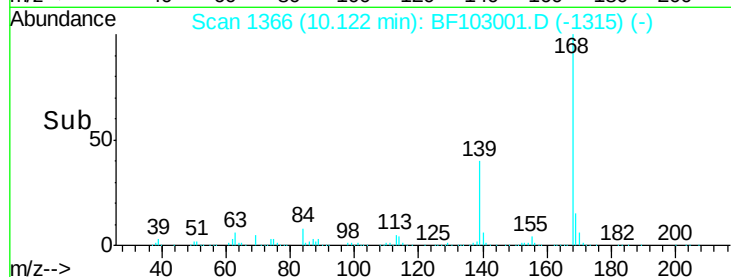
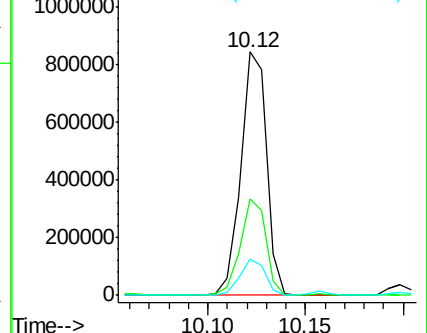
169 14.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 51.80 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

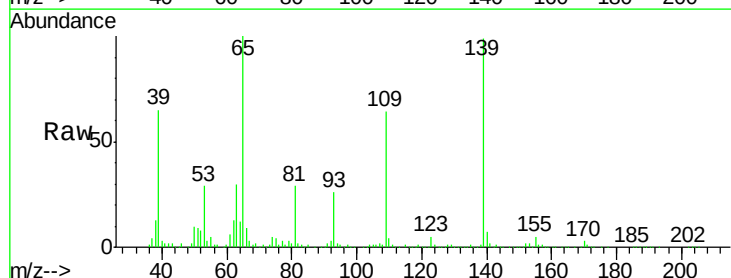
Tgt Ion:139 Resp: 206008

Ion Ratio Lower Upper

139 100

109 63.9 48.4 88.4

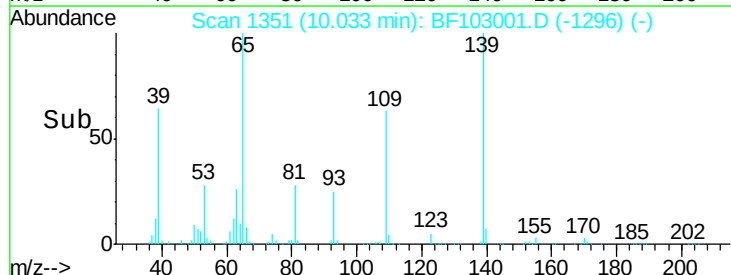
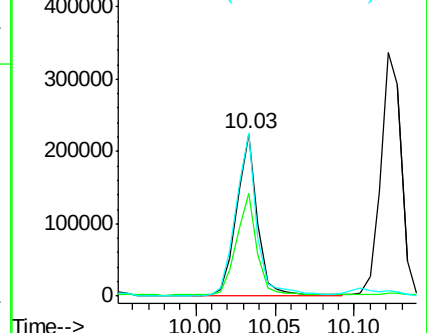
65 100.7 72.6 112.6

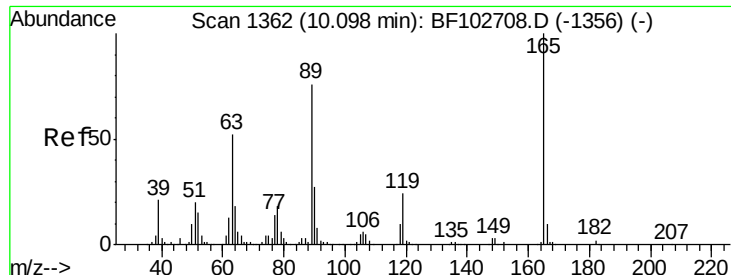


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

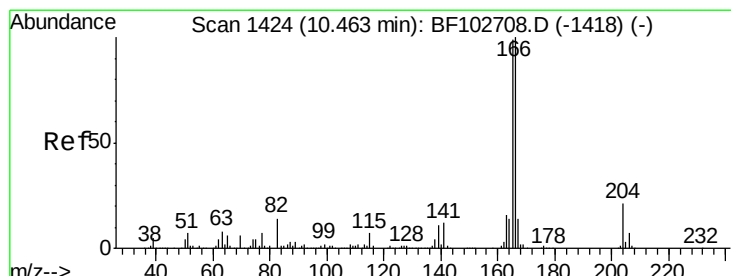
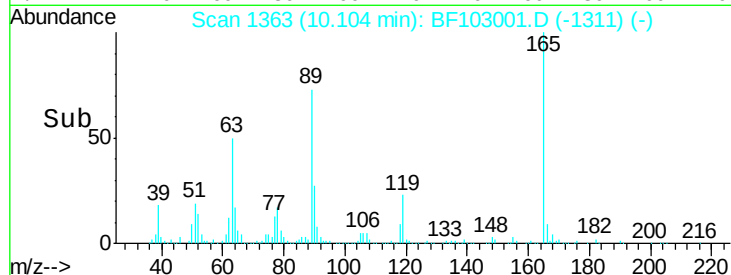
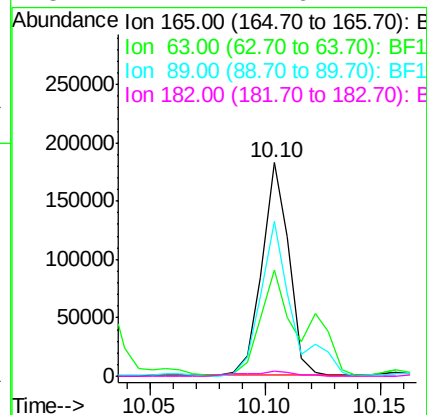
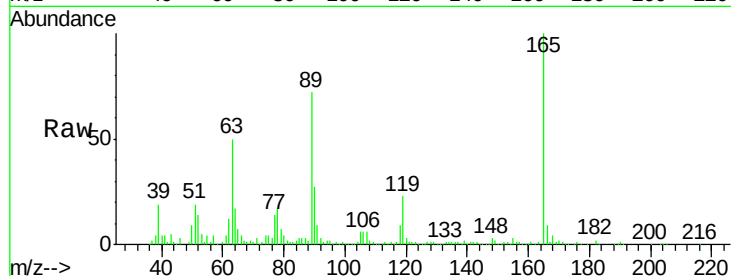




#56
2,4-Dinitrotoluene
Concen: 28.88 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

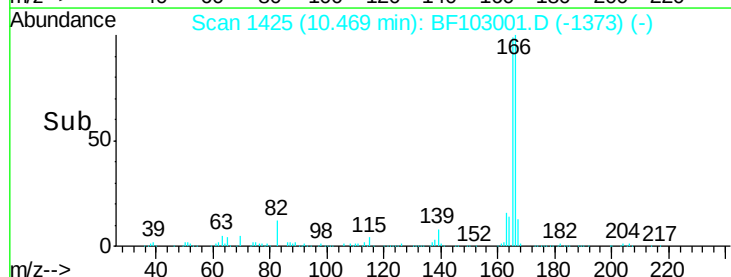
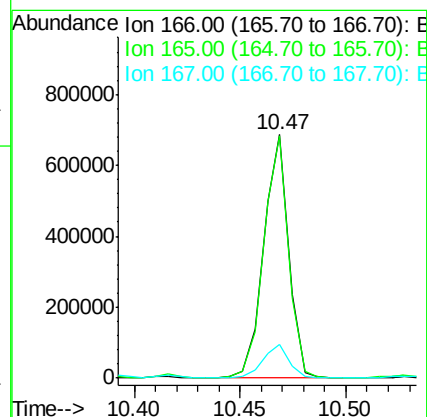
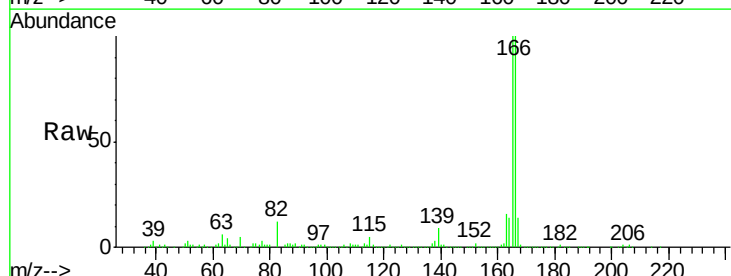
Instrument :
BNA_F
ClientSampleId :

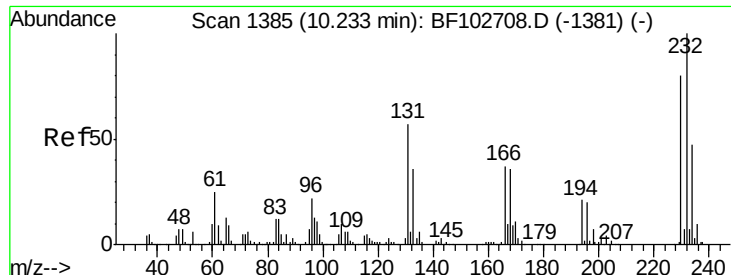
Tot Ion:165 Resp: 149773
Ion Ratio Lower Upper
165 100
63 49.8 36.4 54.6
89 72.4 57.8 86.6
182 2.2 1.6 2.4



#57
Fluorene
Concen: 32.75 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:166 Resp: 564552
Ion Ratio Lower Upper
166 100
165 99.5 79.8 119.8
167 13.6 10.6 16.0

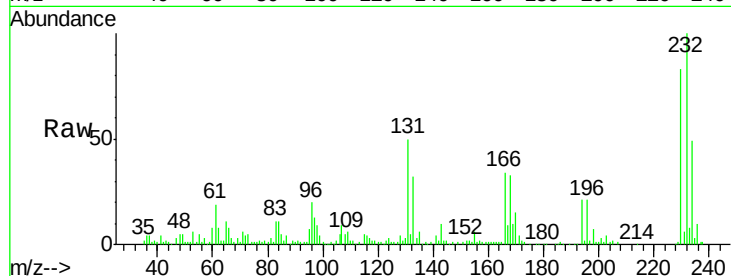




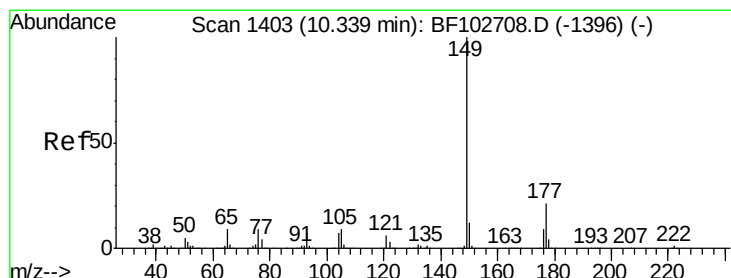
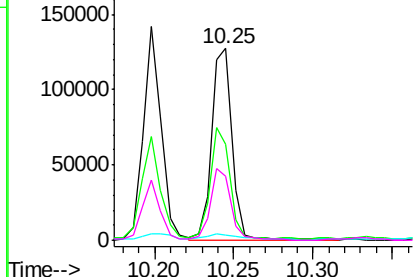
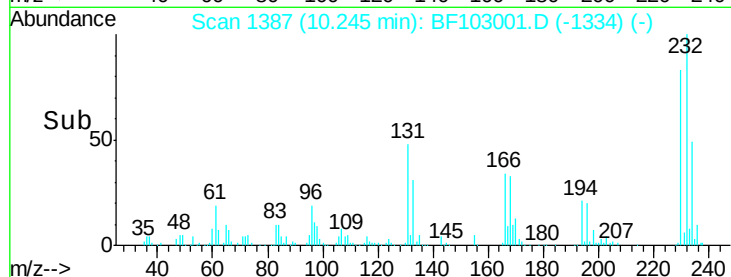
#58
2,3,4,6-Tetrachlorophenol
Concen: 29.80 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 113646
Ion Ratio Lower Upper
232 100
131 55.5 43.8 65.8
130 5.1 2.1 3.1#
166 38.3 27.8 41.6

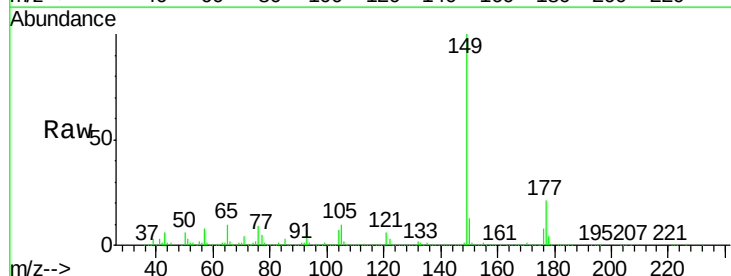


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

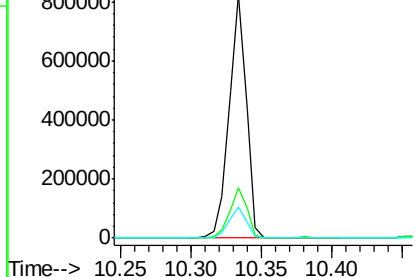
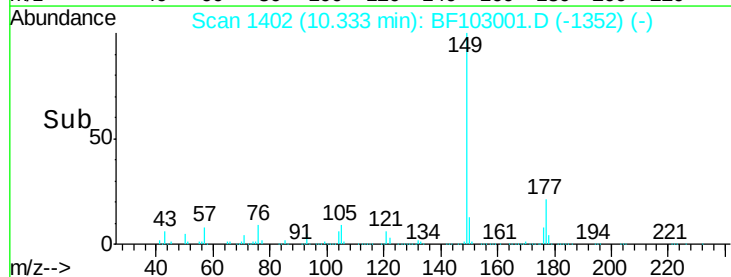


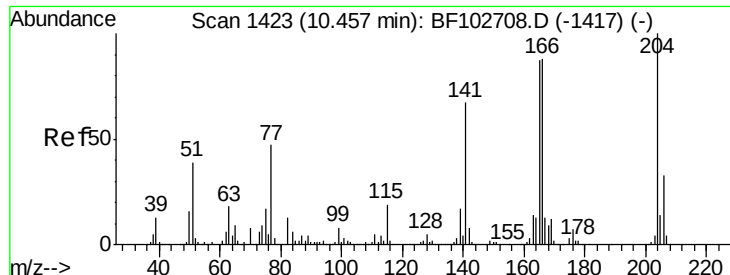
#59
Diethylphthalate
Concen: 32.99 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:149 Resp: 693470
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.7 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

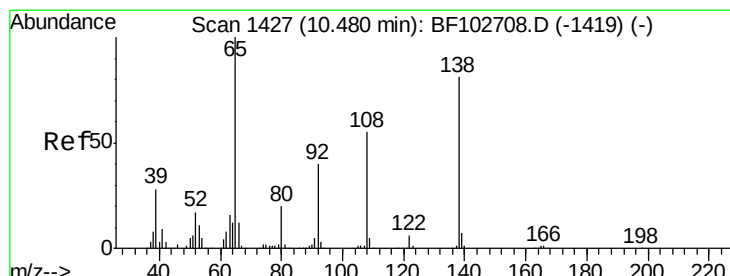
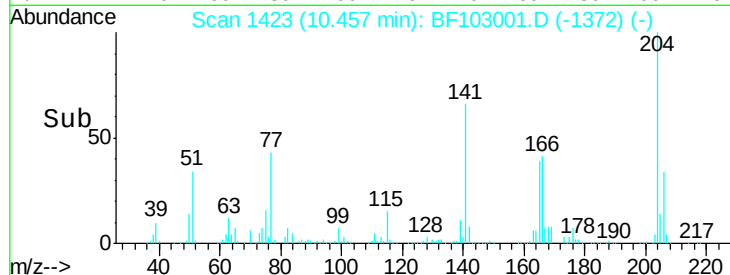
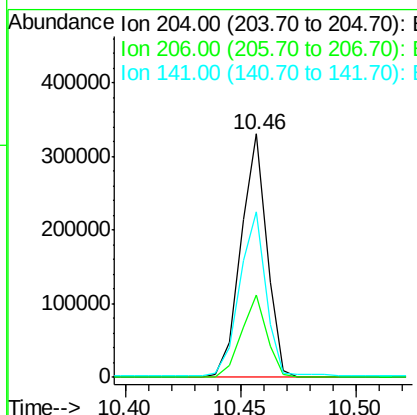
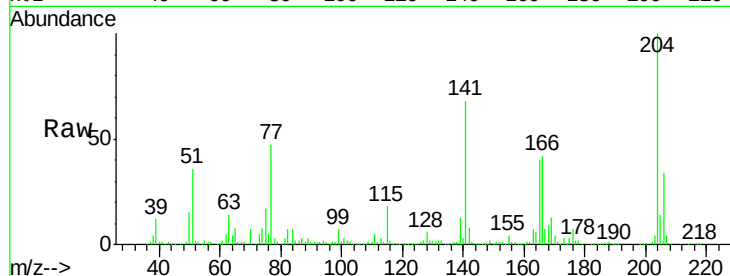




#60
 4-Chlorophenyl-phenylether
 Concen: 34.12 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

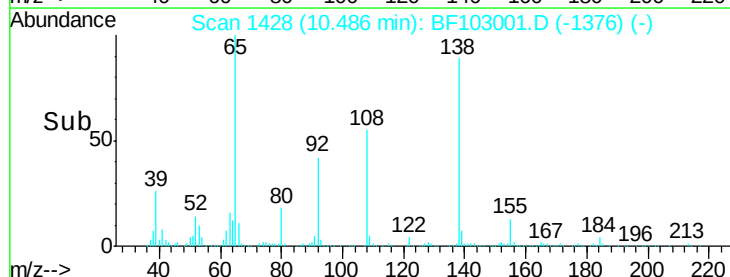
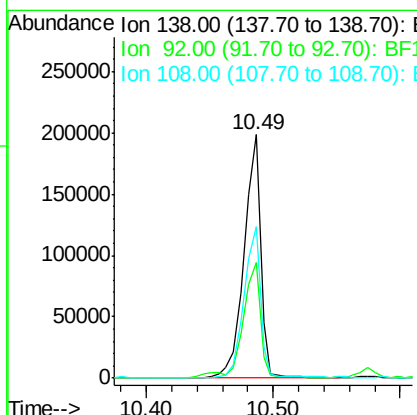
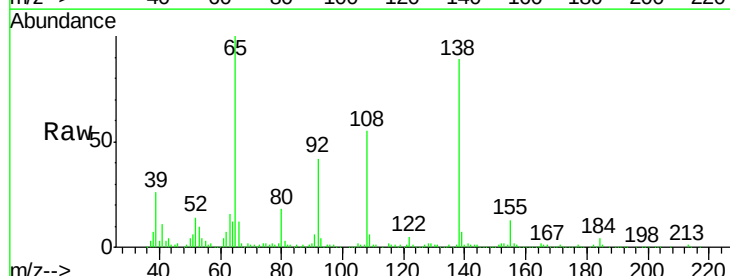
Instrument :
 BNA_F
 ClientSampleId :

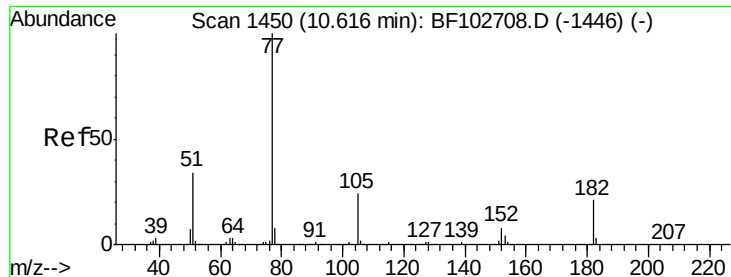
Tot Ion:	204	Resp:	260233
Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	67.8	54.6	81.8



#61
 4-Nitroaniline
 Concen: 38.09 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion:	138	Resp:	180644
Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	62.4	52.5	92.5





#62

Azobenzene

Concen: 29.90 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 627771

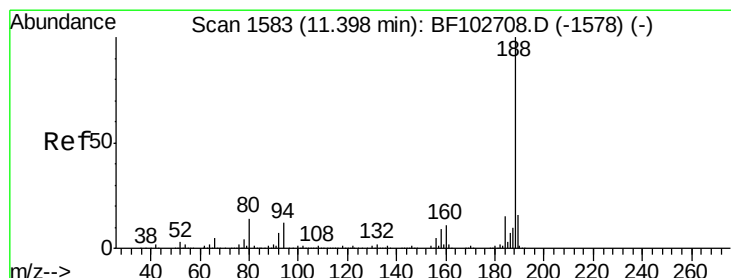
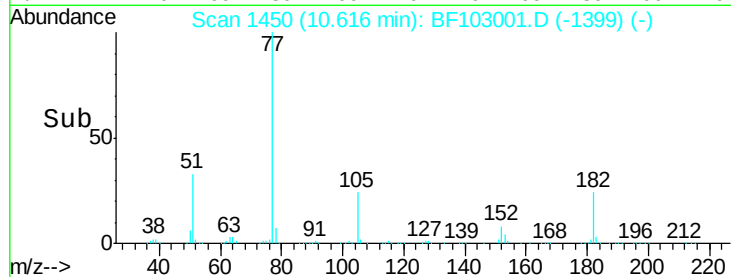
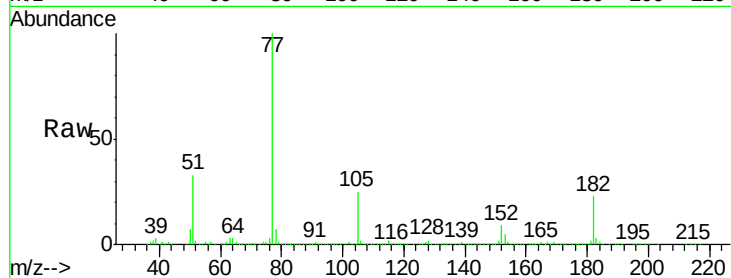
Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	24.8	3.0	43.0
51	33.0	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

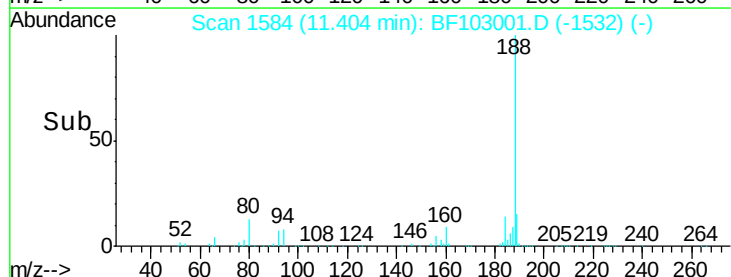
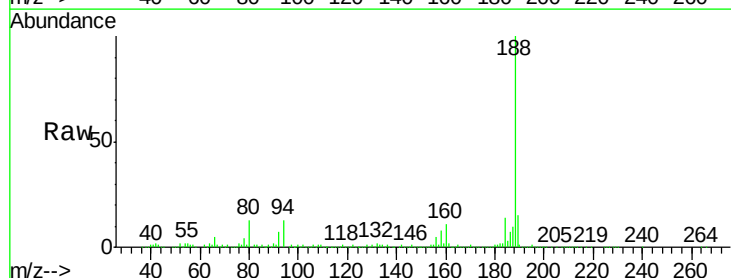
Tgt Ion: 188 Resp: 374330

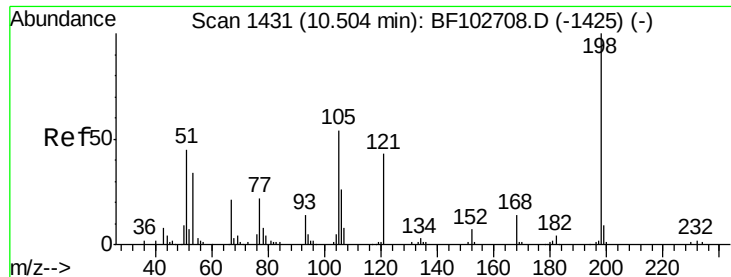
Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.4	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 9.26 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

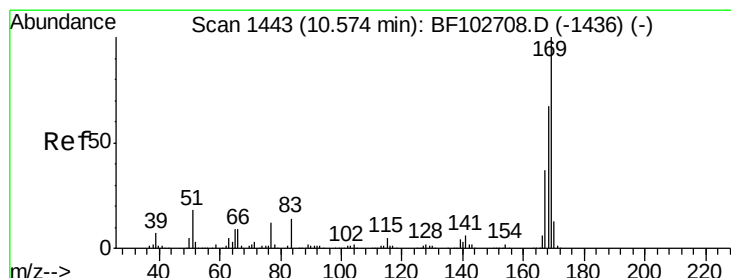
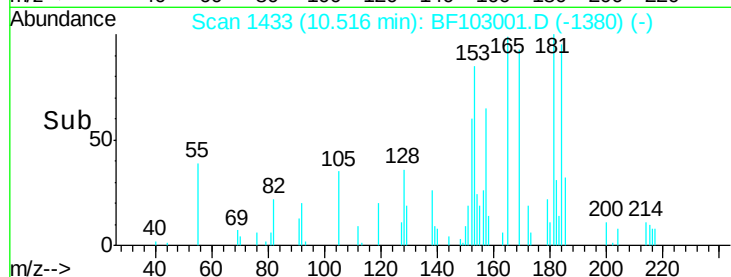
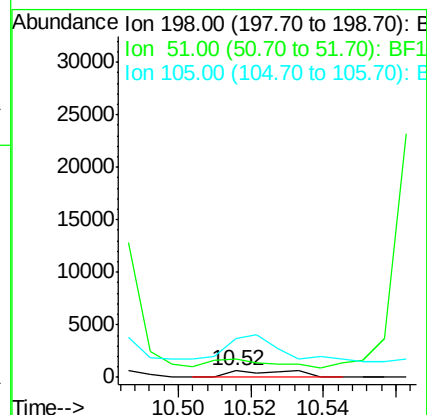
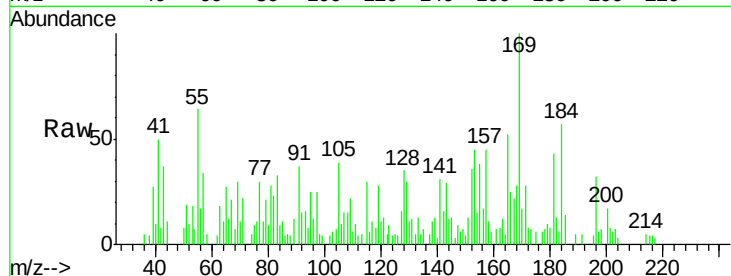
Tot Ion:198 Resp: 791

Ion Ratio Lower Upper

198 100

51 278.1 37.7 77.7#

105 572.2 36.3 76.3#



#65

n-Nitrosodiphenylamine

Concen: 39.45 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

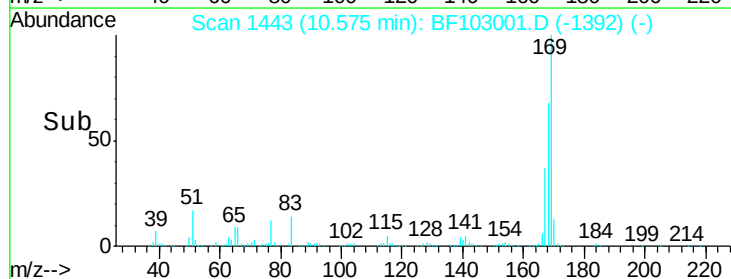
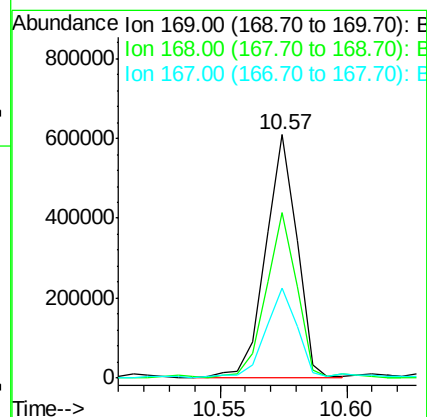
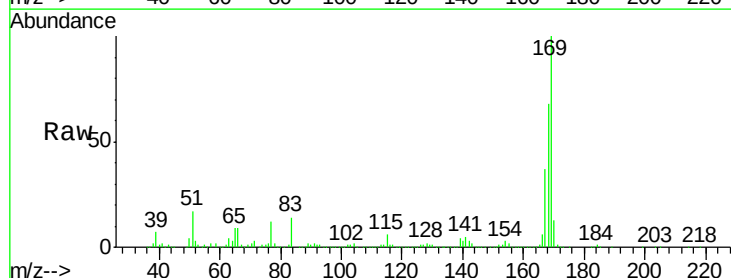
Tgt Ion:169 Resp: 520948

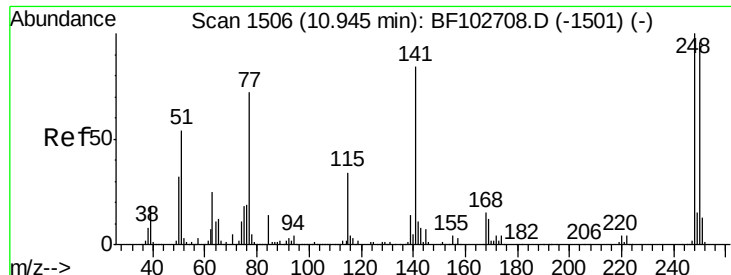
Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

167 36.9 29.8 44.6

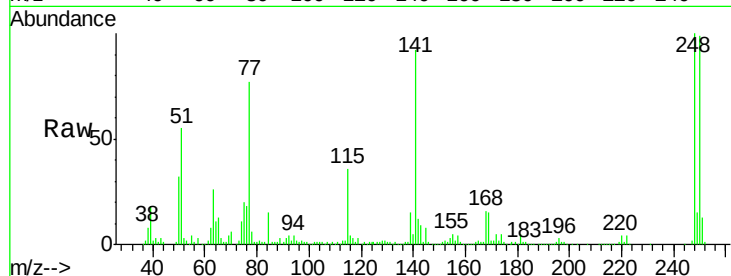




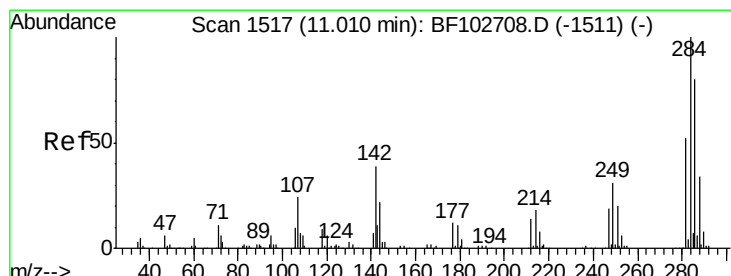
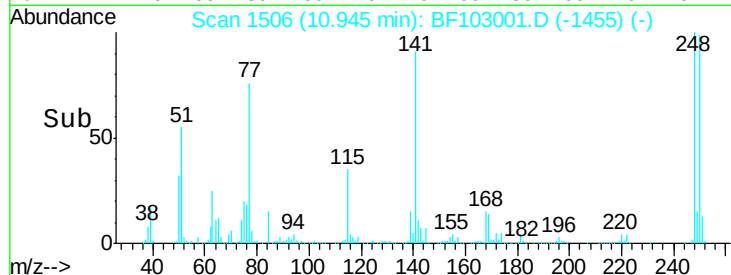
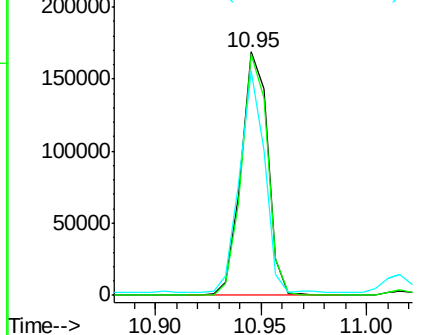
#66
4-Bromophenyl-phenylether
Concen: 37.37 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 147972
Ion Ratio Lower Upper
248 100
250 99.2 76.9 115.3
141 92.2 74.4 111.6

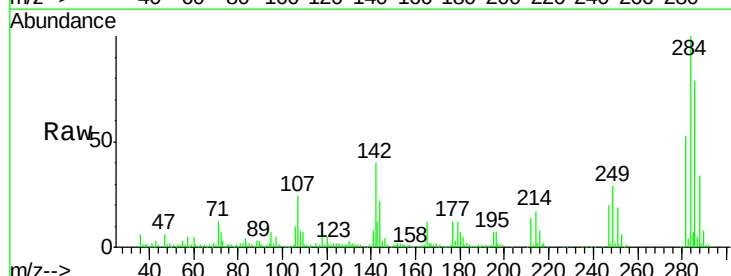


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

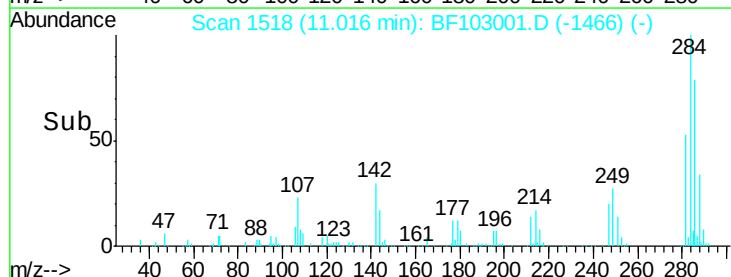
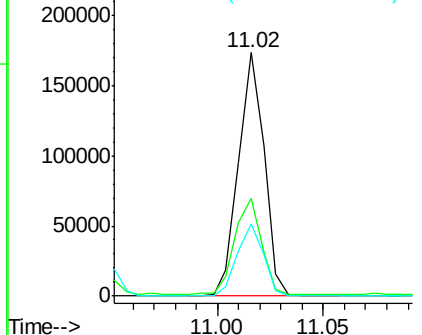


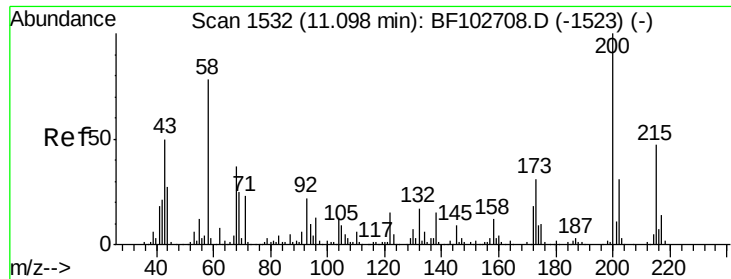
#67
Hexachlorobenzene
Concen: 33.35 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:284 Resp: 145689
Ion Ratio Lower Upper
284 100
142 40.1 34.6 52.0
249 29.4 24.8 37.2



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





#68

Atrazine

Concen: 35.62 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

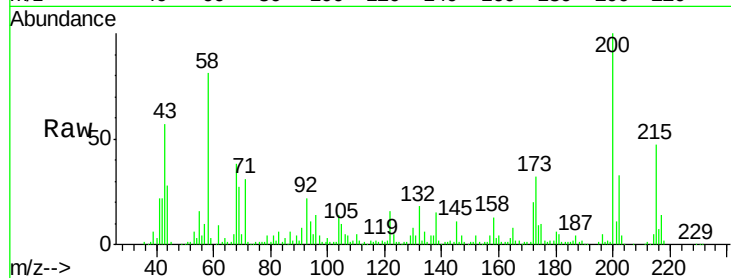
Tot Ion:200 Resp: 138745

Ion Ratio Lower Upper

200 100

173 32.0 8.6 48.6

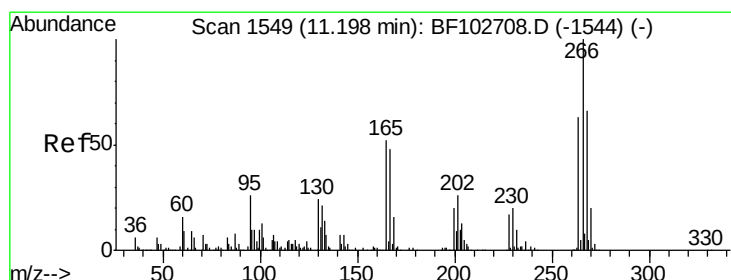
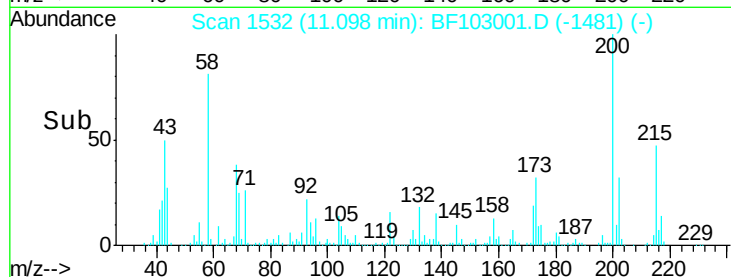
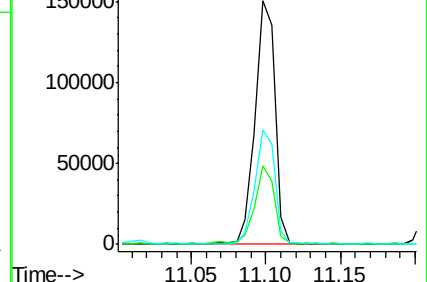
215 46.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 48.51 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

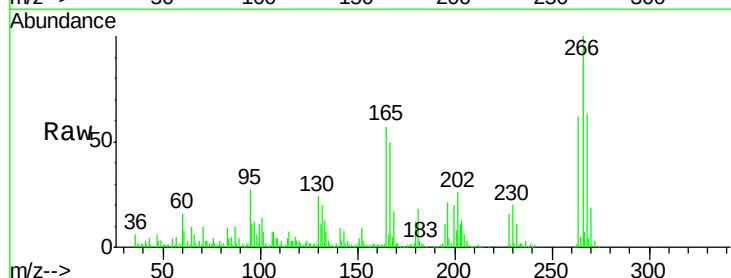
Tgt Ion:266 Resp: 124398

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

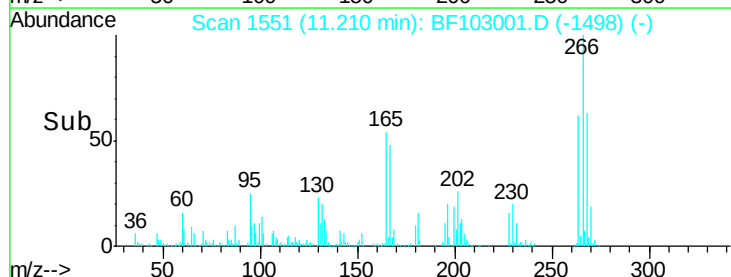
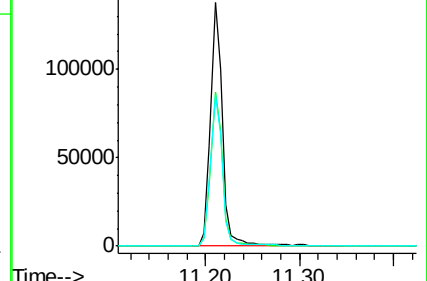
264 62.0 49.5 74.3

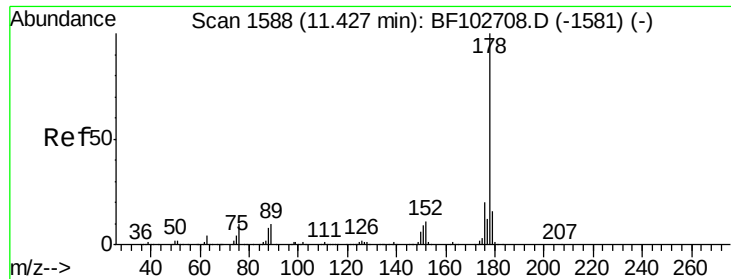


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 39.00 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

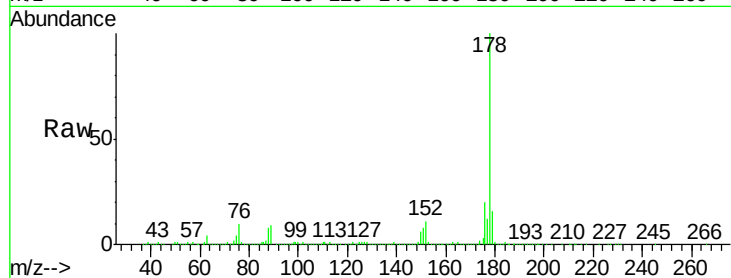
Tot Ion:178 Resp: 813087

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

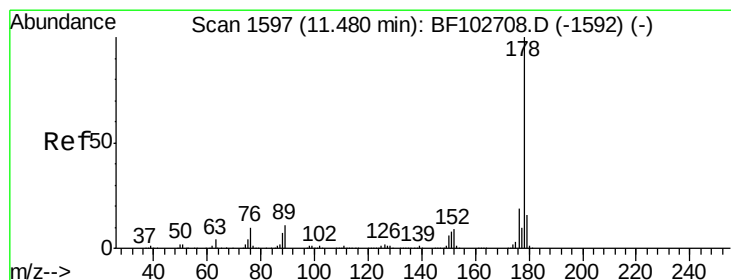
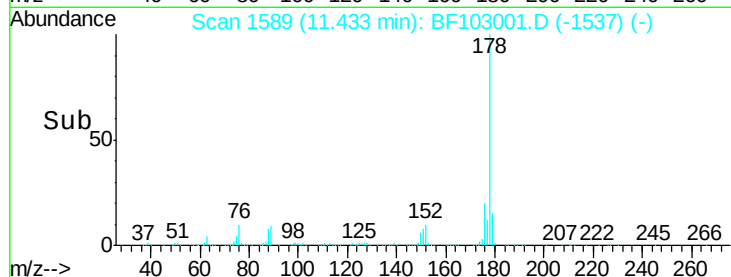
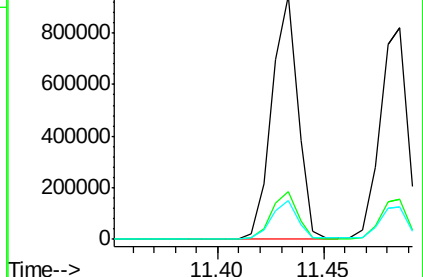
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 35.21 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

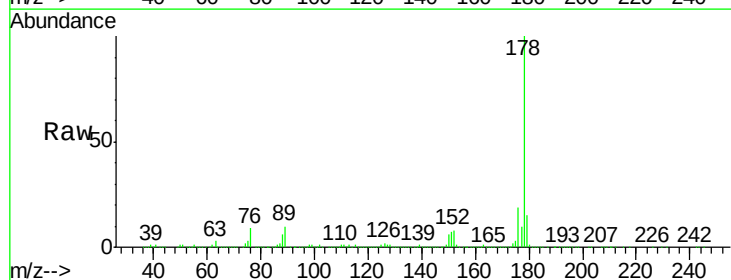
Tgt Ion:178 Resp: 746642

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

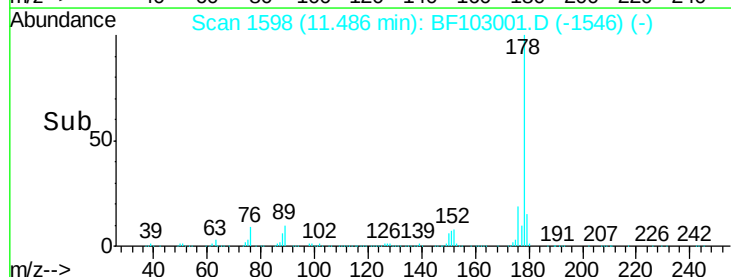
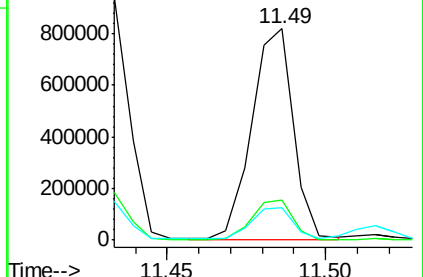
179 15.3 12.6 19.0

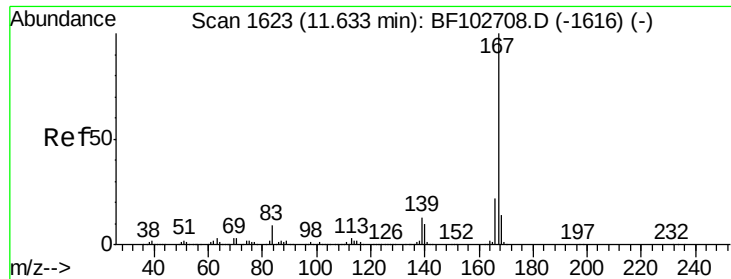


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.33 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampled :

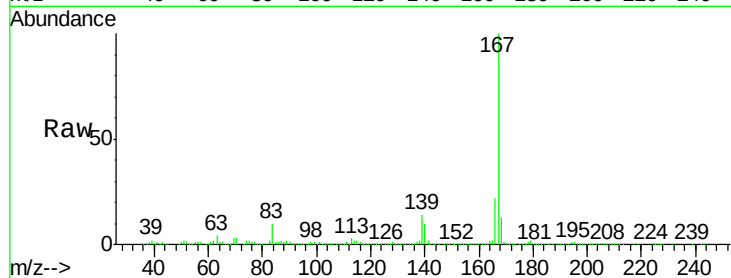
Tot Ion:167 Resp: 692458

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

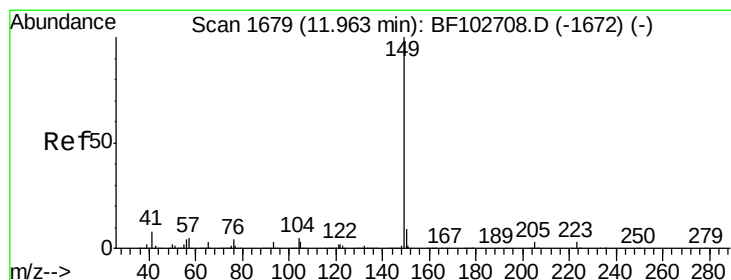
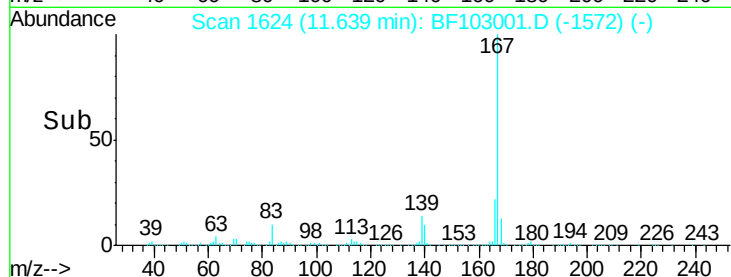
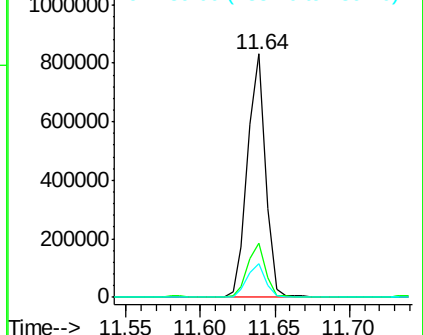
139 13.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.15 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

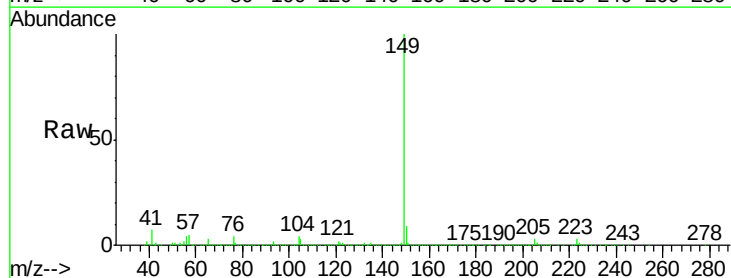
Tgt Ion:149 Resp: 912216

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

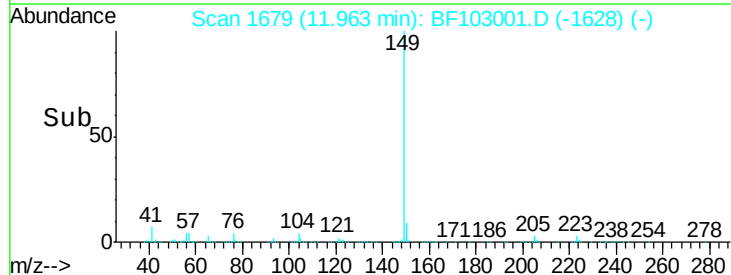
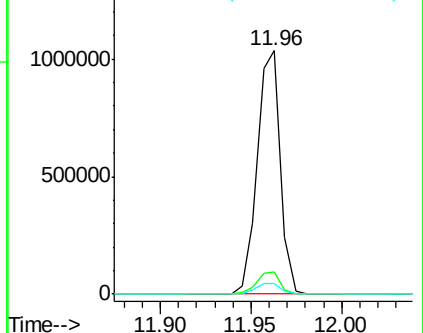
104 4.4 3.8 5.8

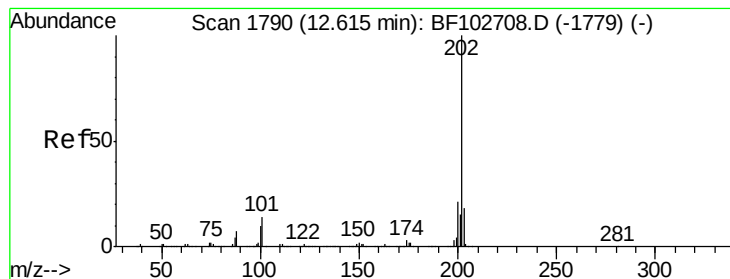


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 39.53 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

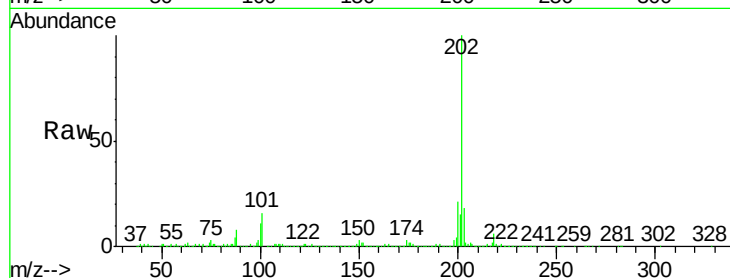
Tot Ion:202 Resp: 829088

Ion Ratio Lower Upper

202 100

101 16.0 0.0 34.1

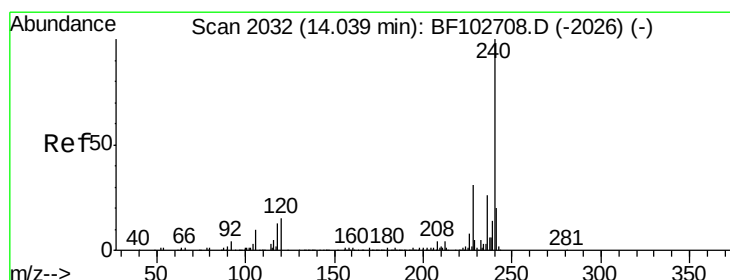
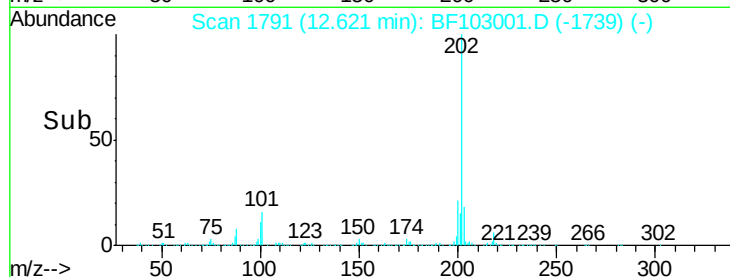
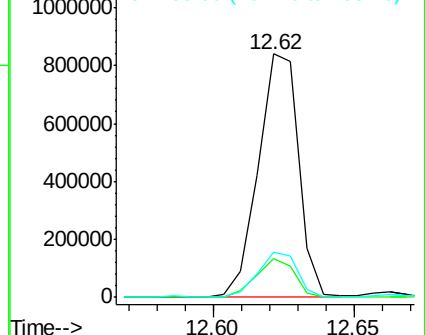
203 18.4 0.0 38.1



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: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

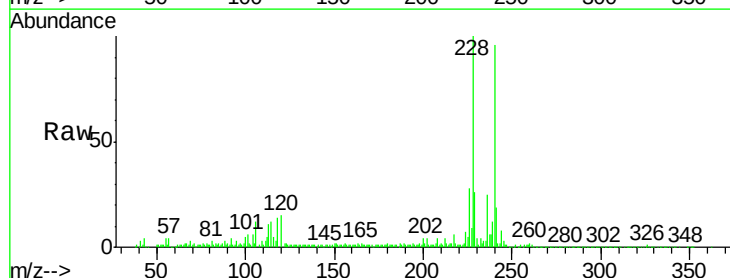
Tgt Ion:240 Resp: 292657

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

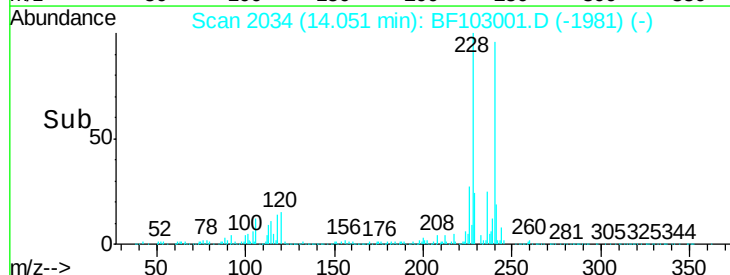
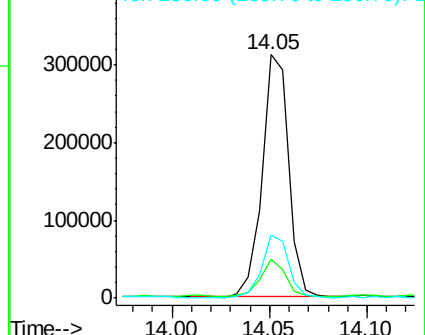
236 26.1 20.7 31.1

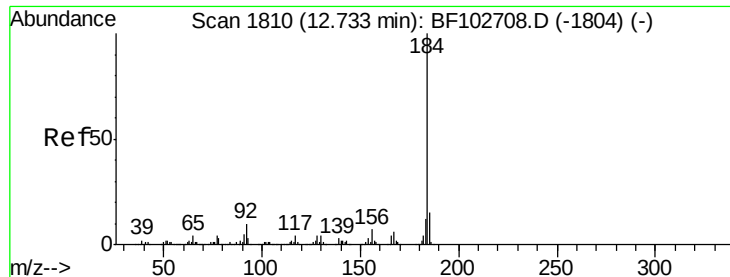


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.06 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

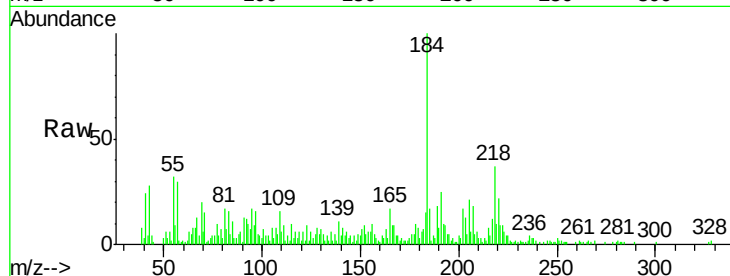
Tot Ion:184 Resp: 41178

Ion Ratio Lower Upper

184 100

185 17.4 12.6 18.8

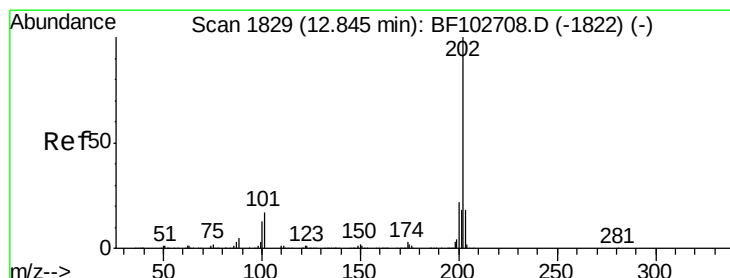
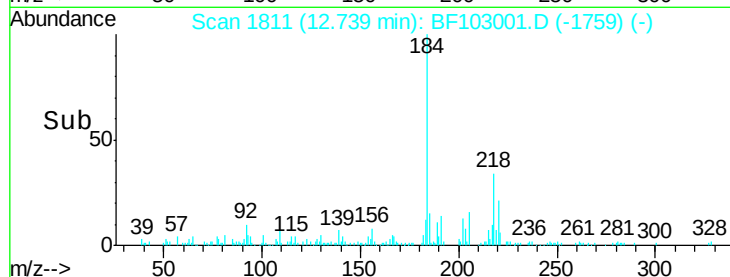
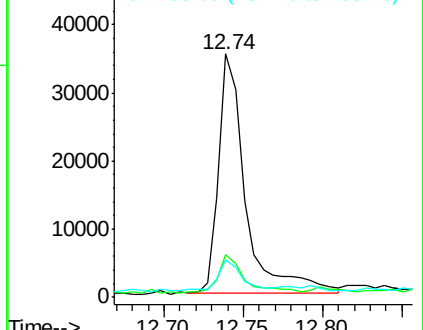
183 15.5 9.3 13.9#



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

Pyrene

Concen: 37.05 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

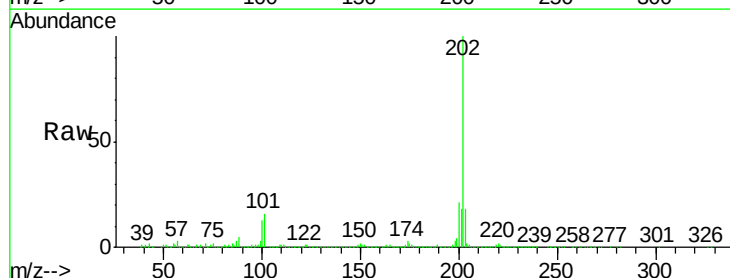
Tgt Ion:202 Resp: 850195

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

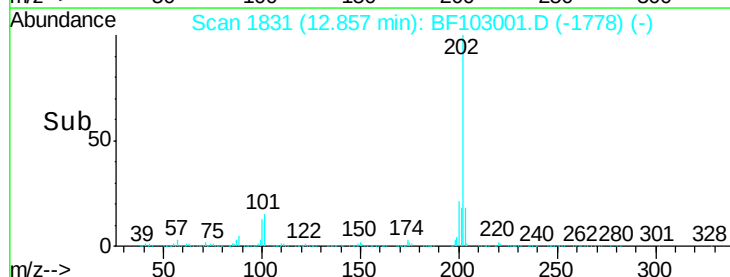
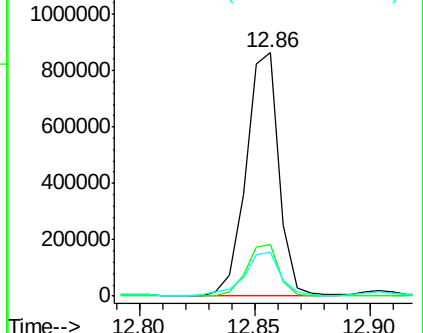
203 18.1 14.3 21.5

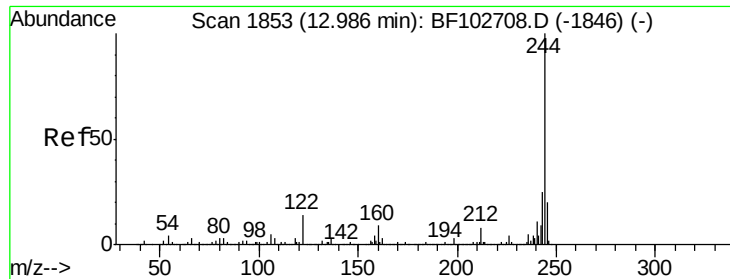


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.23 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampled :

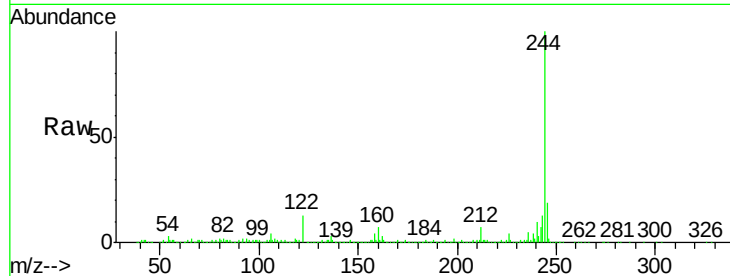
Tot Ion:244 Resp: 818613

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

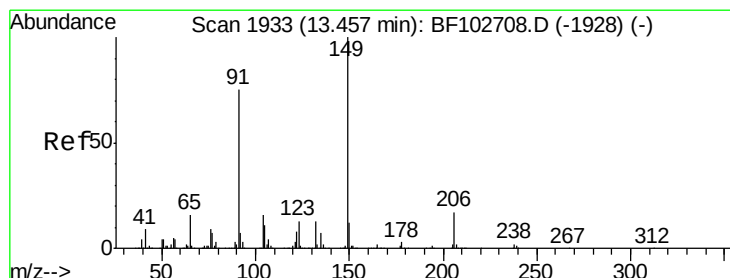
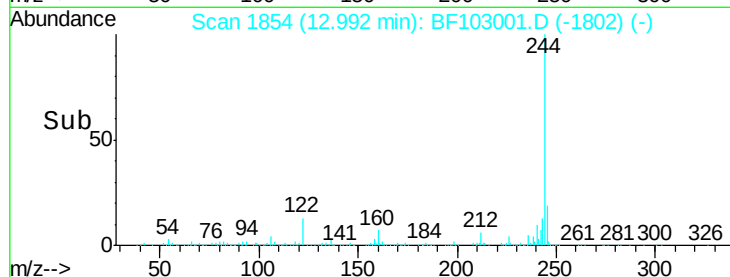
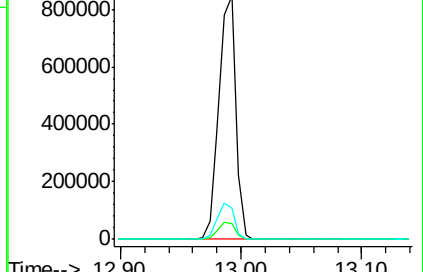
122 12.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 35.47 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

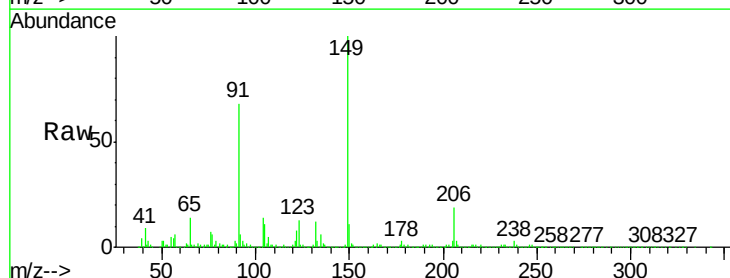
Tgt Ion:149 Resp: 386401

Ion Ratio Lower Upper

149 100

91 68.1 56.8 85.2

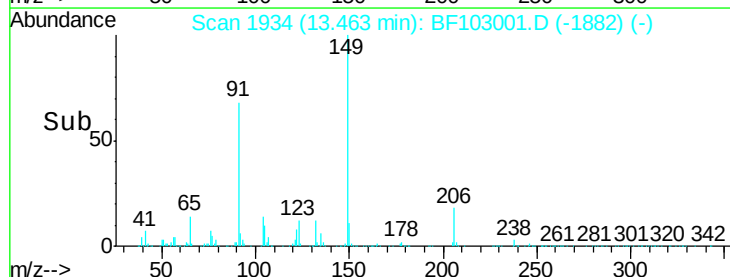
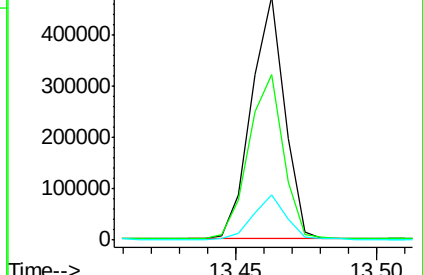
206 18.6 14.1 21.1

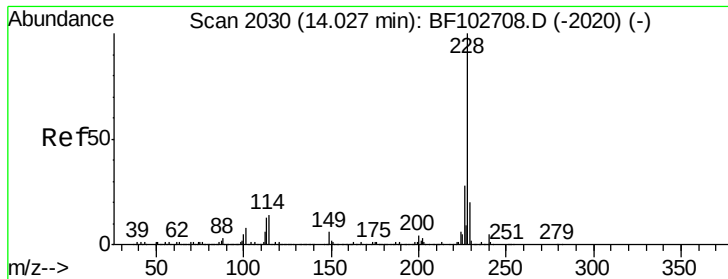


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

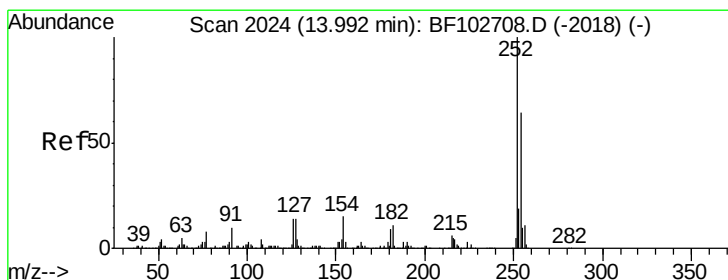
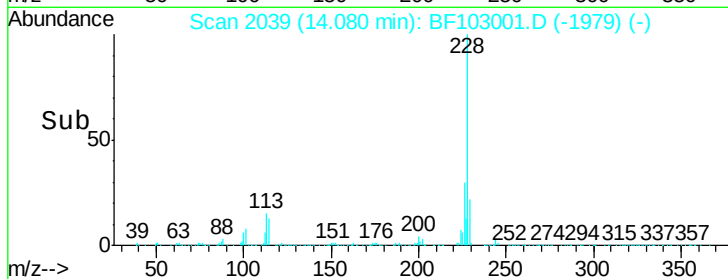
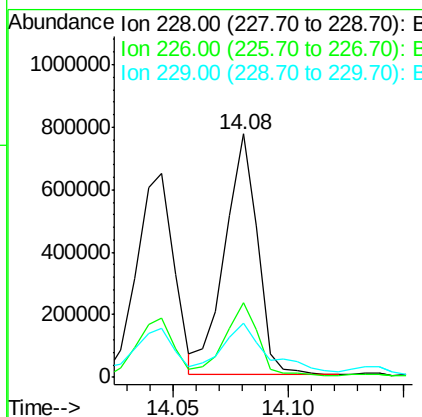
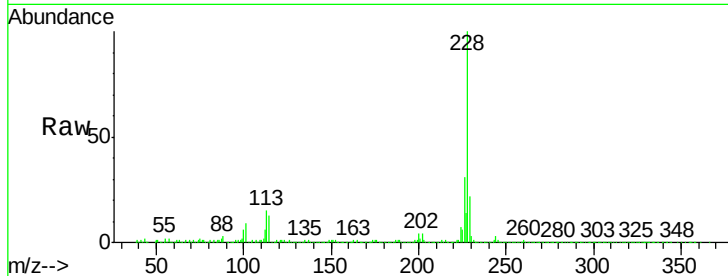




#80
Benzo(a)anthracene
Concen: 41.16 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.05 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

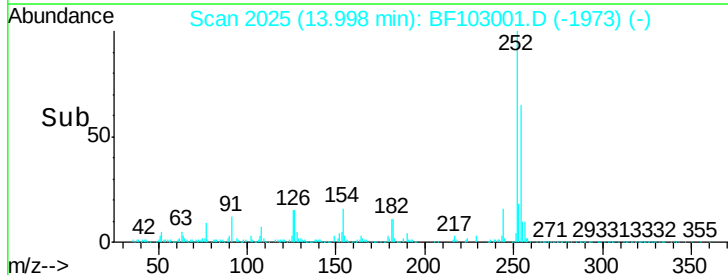
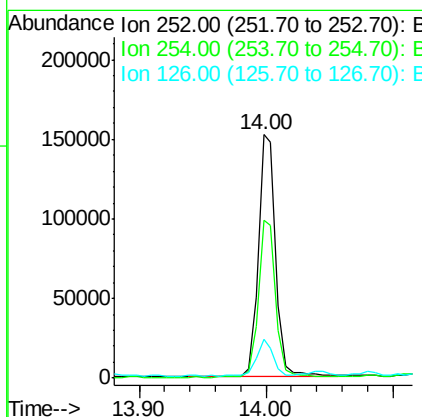
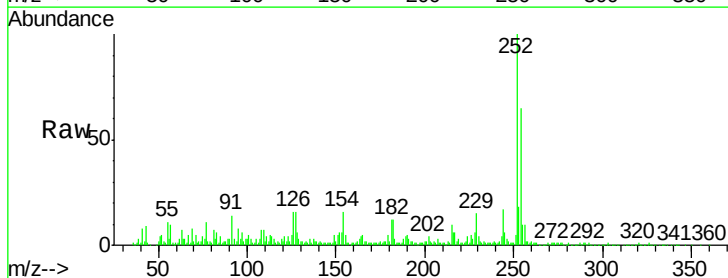
Instrument :
BNA_F
ClientSampleId :

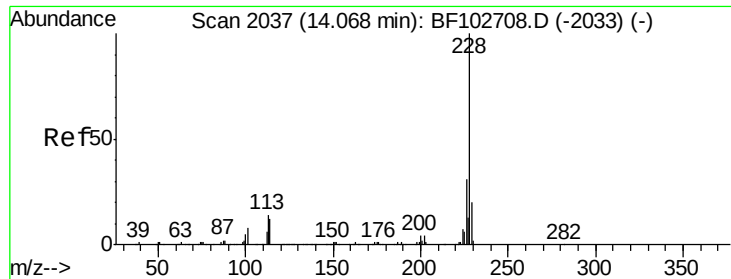
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	22.5	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 21.57 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	15.8	11.3	16.9





#82

Chrysene

Concen: 40.83 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

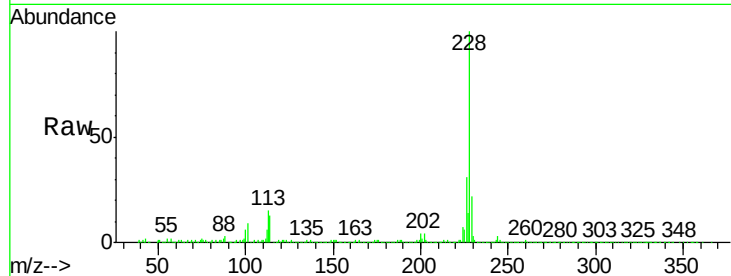
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 757563

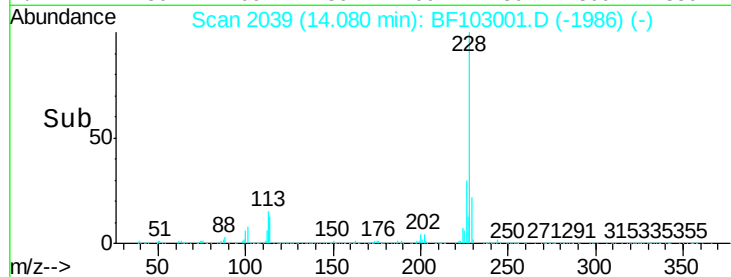
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.5	16.2	24.4



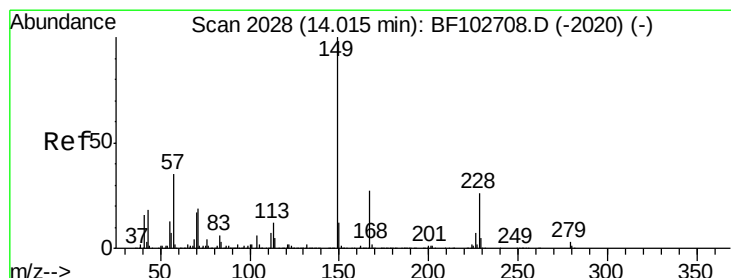
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.74 ng

RT: 14.02 min Scan# 2028

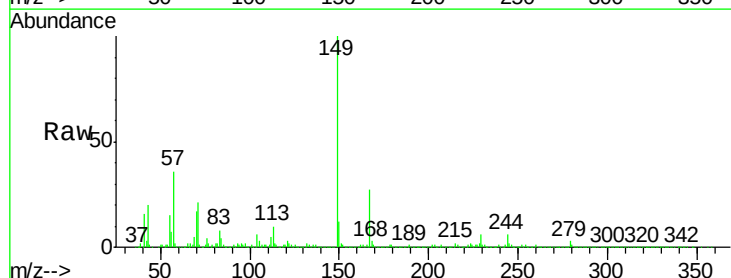
Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:149 Resp: 544596

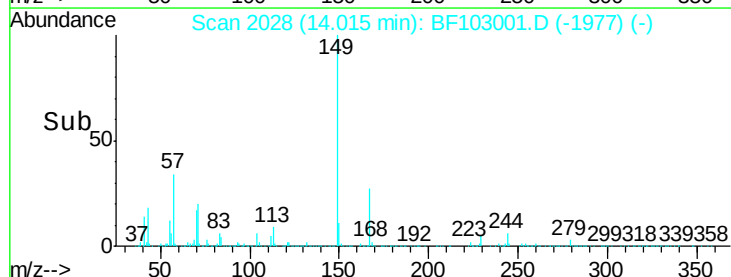
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.2	3.0	4.4



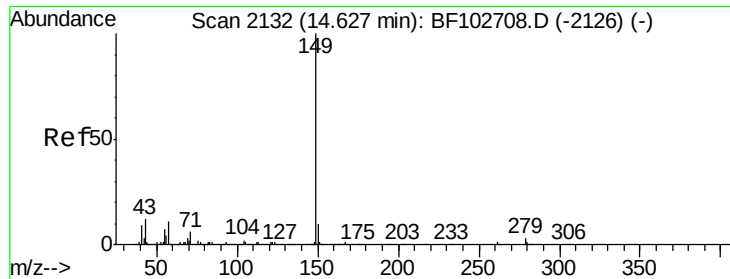
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



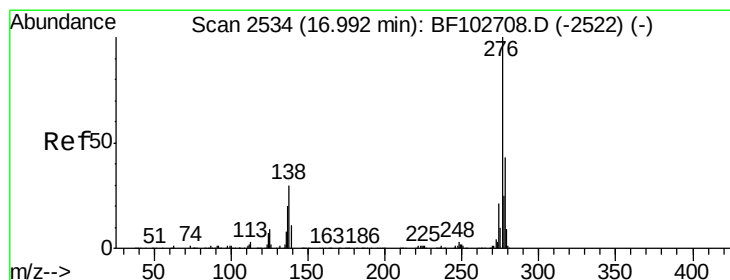
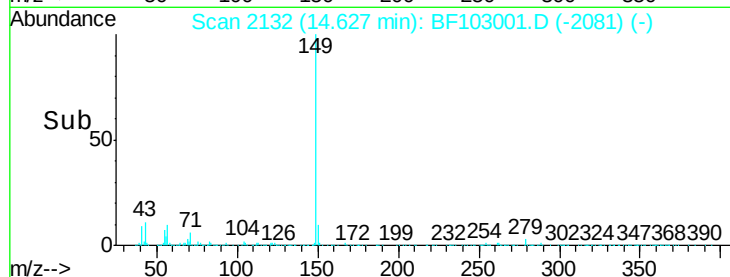
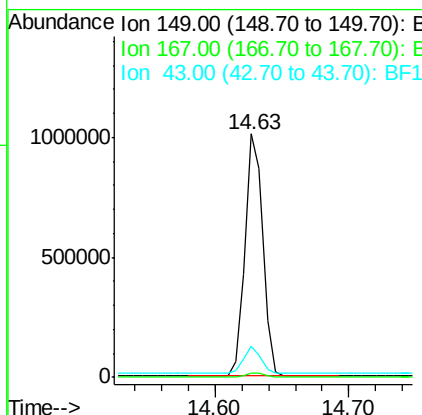
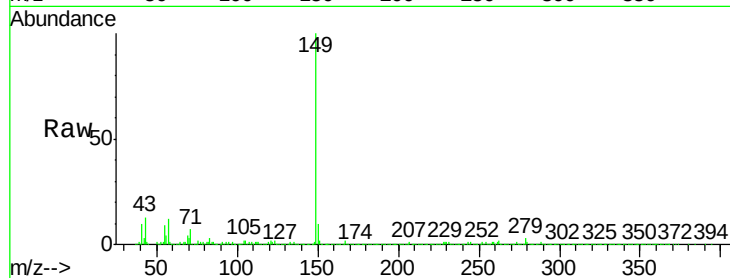
Time-->



#84
Di-n-octyl phthalate
Concen: 44.02 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

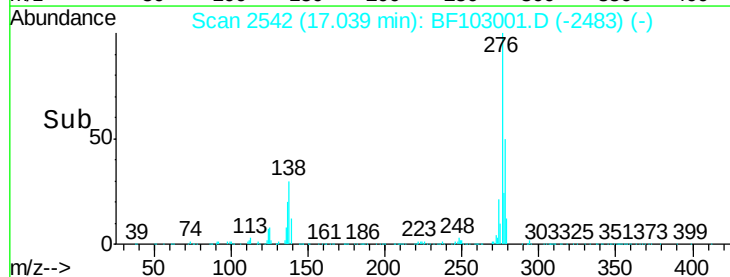
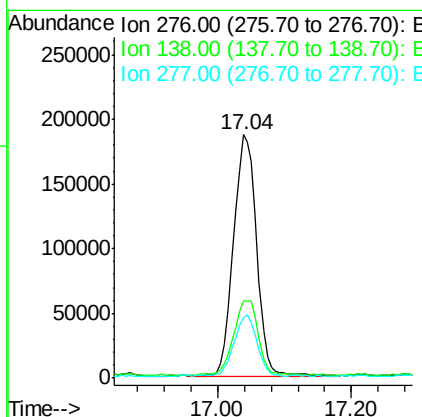
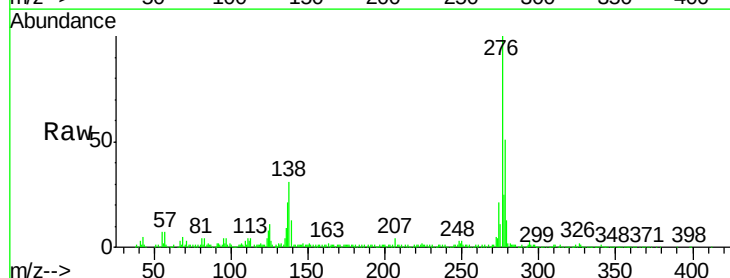
Instrument :
BNA_F
ClientSampleId :

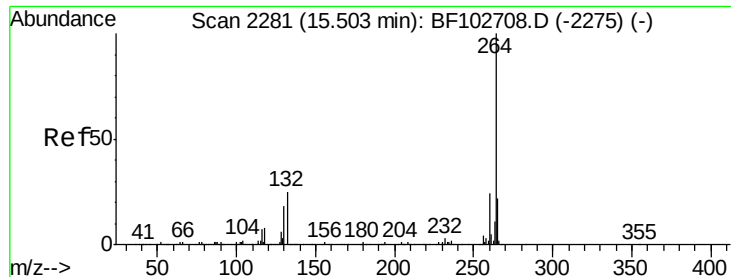
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 29.55 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.05 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	24.7	20.1	30.1

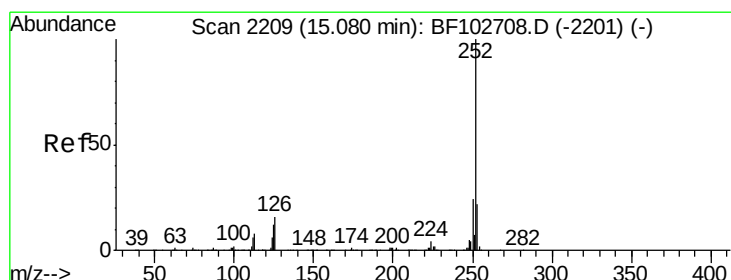
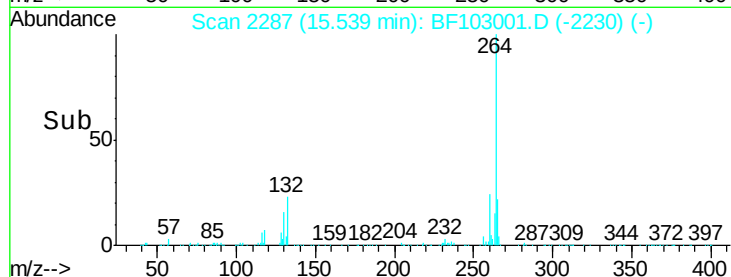
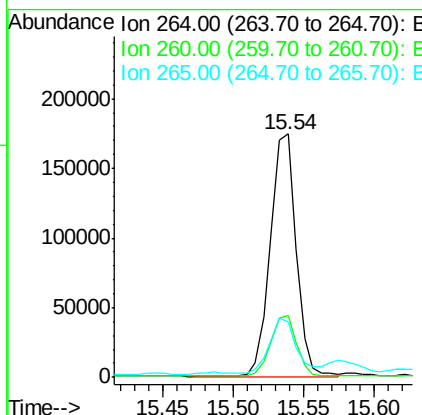
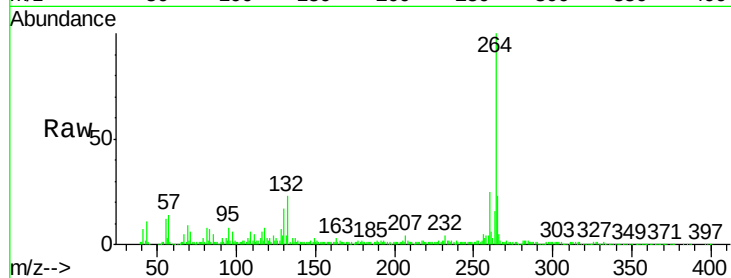




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.04 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

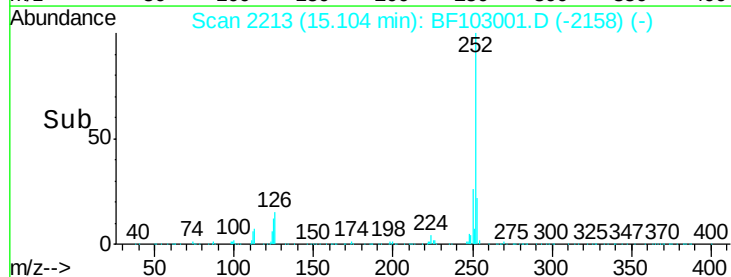
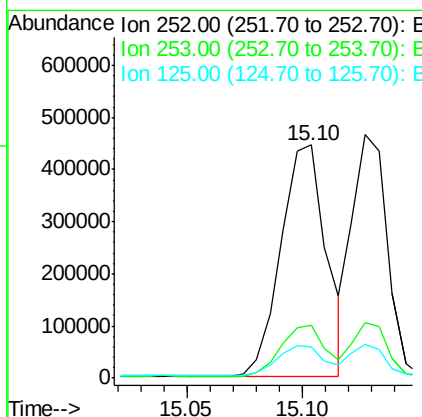
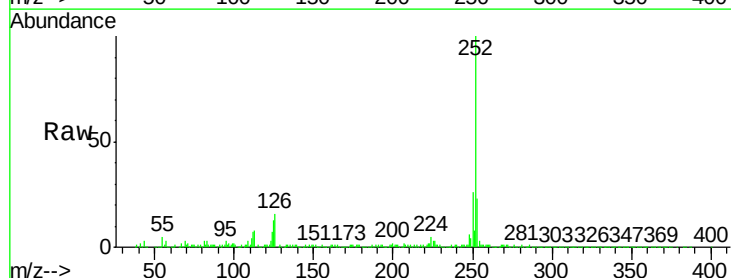
Instrument :
BNA_F
ClientSampleId :

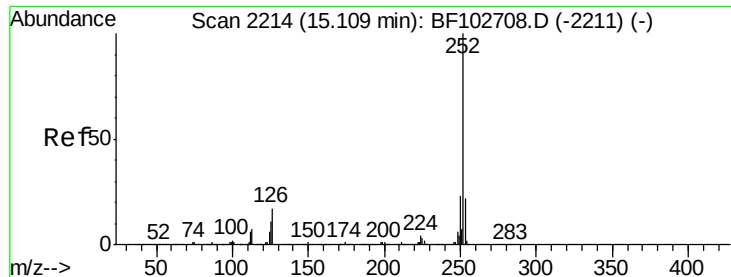
Tot Ion:264 Resp: 225870
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 22.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 41.76 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:252 Resp: 611498
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.2 9.0 13.6

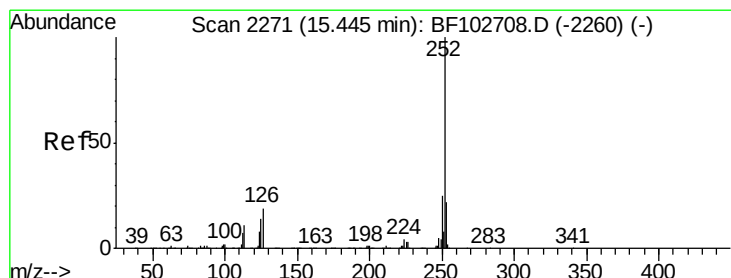
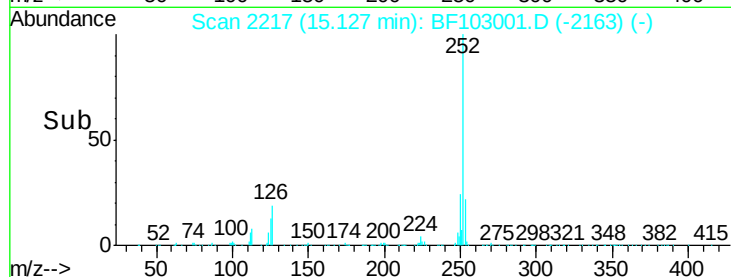
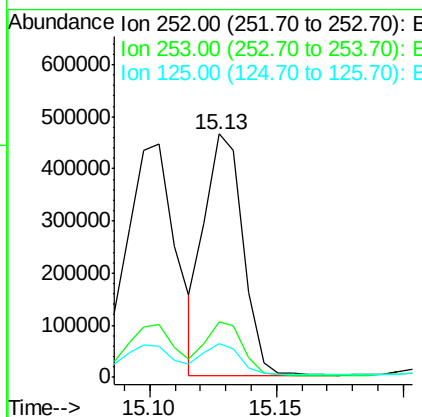
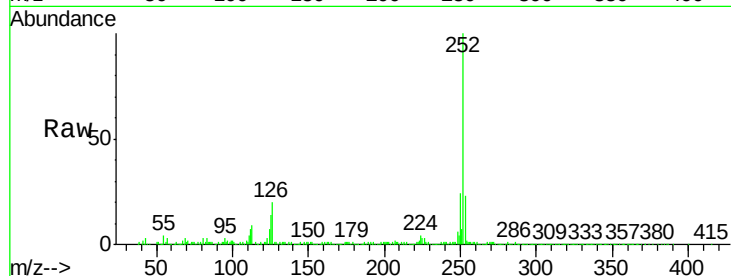




#88
Benzo(k)fluoranthene
Concen: 34.91 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

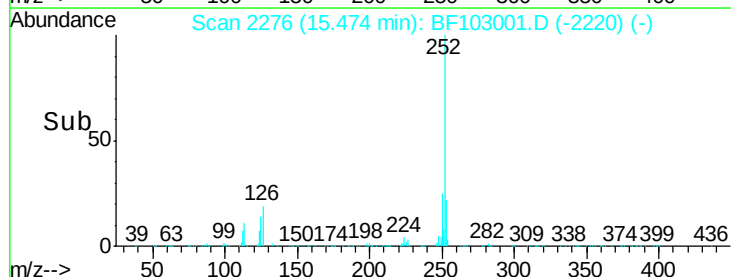
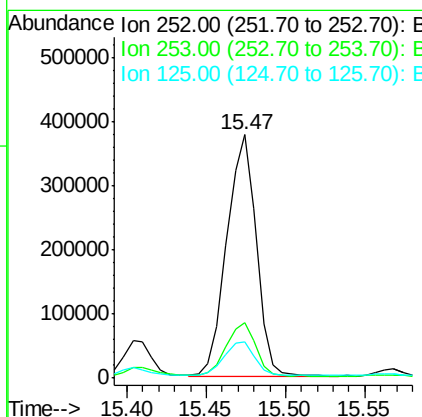
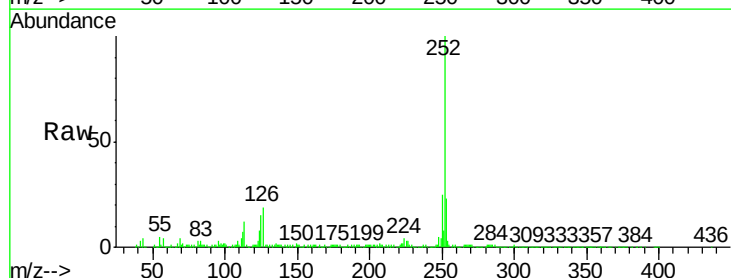
Instrument :
BNA_F
ClientSampleId :

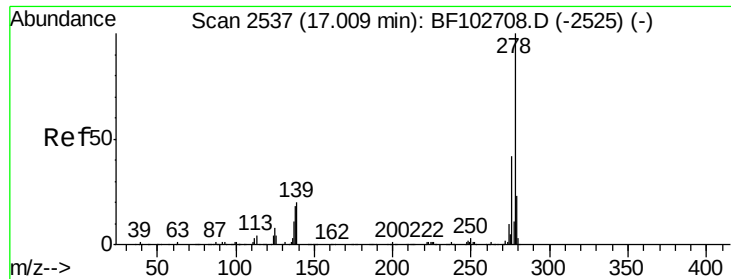
Tot Ion:252 Resp: 488451
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.0 10.2 15.2



#89
Benzo(a)pyrene
Concen: 36.88 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:252 Resp: 486170
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 14.9 9.8 14.6#

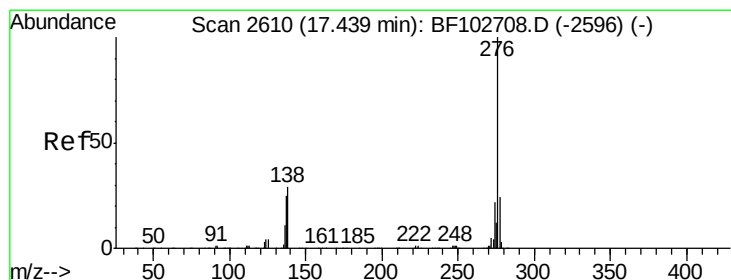
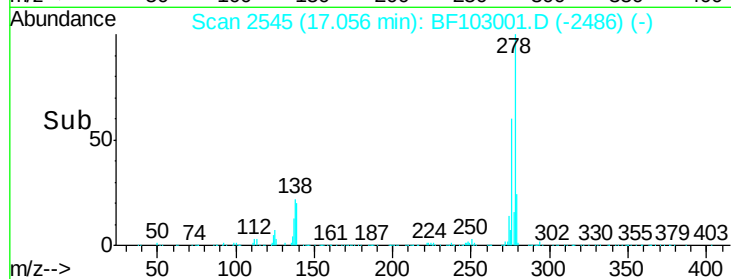
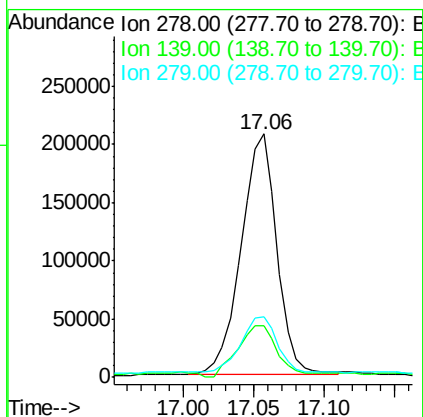
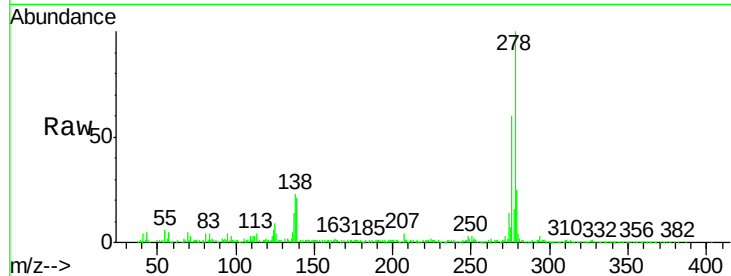




#90
Dibenzo(a,h)anthracene
Concen: 34.30 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.05 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 366988
Ion Ratio Lower Upper
278 100
139 21.2 15.9 23.9
279 25.0 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 36.20 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.06 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:276 Resp: 379075
Ion Ratio Lower Upper
276 100
277 23.6 17.9 26.9
138 29.6 21.8 32.8

