

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102871.D
 Acq On : 8 Feb 2018 22:57
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:25:32 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 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	171945	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	667667	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	258328	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	369745	20.00	ng	0.00
75) Chrysene-d12	14.06	240	296126	20.00	ng	0.00
86) Perylene-d12	15.54	264	248591	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	913875	80.72	ng	0.00
7) Phenol-d6	6.52	99	1066483	78.23	ng	0.01
23) Nitrobenzene-d5	7.45	82	944745	98.16	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	145028	69.75	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1326377	85.20	ng	0.00
78) Terphenyl-d14	13.00	244	860099	68.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	244446	43.71	ng	89
3) Pyridine	3.42	79	698866	45.23	ng	95
4) n-Nitrosodimethylamine	3.38	42	297548	45.01	ng	# 90
6) Aniline	6.55	93	778899	38.69	ng	94
8) 2-Chlorophenol	6.67	128	449304	38.55	ng	97
9) Benzaldehyde	6.44	77	384617	37.99	ng	97
10) Phenol	6.53	94	627659	42.96	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	474404	39.02	ng	92
12) 1,3-Dichlorobenzene	6.83	146	512449	37.96	ng	97
13) 1,4-Dichlorobenzene	6.90	146	510179	37.94	ng	99
14) 1,2-Dichlorobenzene	7.06	146	473617	37.82	ng	99
15) Benzyl Alcohol	7.03	79	418431	39.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	821161	35.56	ng	99
17) 2-Methylphenol	7.13	107	406977	37.85	ng	97
18) Hexachloroethane	7.40	117	137664	29.86	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	326364	36.31	ng	92
20) 3+4-Methylphenols	7.29	107	482291	36.37	ng	92
22) Acetophenone	7.30	105	624668	38.23	ng	# 94
24) Nitrobenzene	7.47	77	530333	46.85	ng	94
25) Isophorone	7.70	82	887635	40.05	ng	96
26) 2-Nitrophenol	7.79	139	203566	44.53	ng	96
27) 2,4-Dimethylphenol	7.82	122	359473	38.39	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	527083	40.15	ng	100
29) 2,4-Dichlorophenol	8.03	162	336896	39.58	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	363923	37.79	ng	99
31) Naphthalene	8.19	128	1231394	37.75	ng	99
32) Benzoic acid	7.92	122	249930	40.53	ng	94
33) 4-Chloroaniline	8.24	127	537815	38.27	ng	97
34) Hexachlorobutadiene	8.30	225	192387	38.99	ng	98
35) Caprolactam	8.61	113	114060	38.59	ng	# 71
36) 4-Chloro-3-methylphenol	8.72	107	363223	37.98	ng	98
37) 2-Methylnaphthalene	8.89	142	764289	35.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	301426	42.85	ng	98
40) Hexachlorocyclopentadiene	9.03	237	8411	2.52	ng	90

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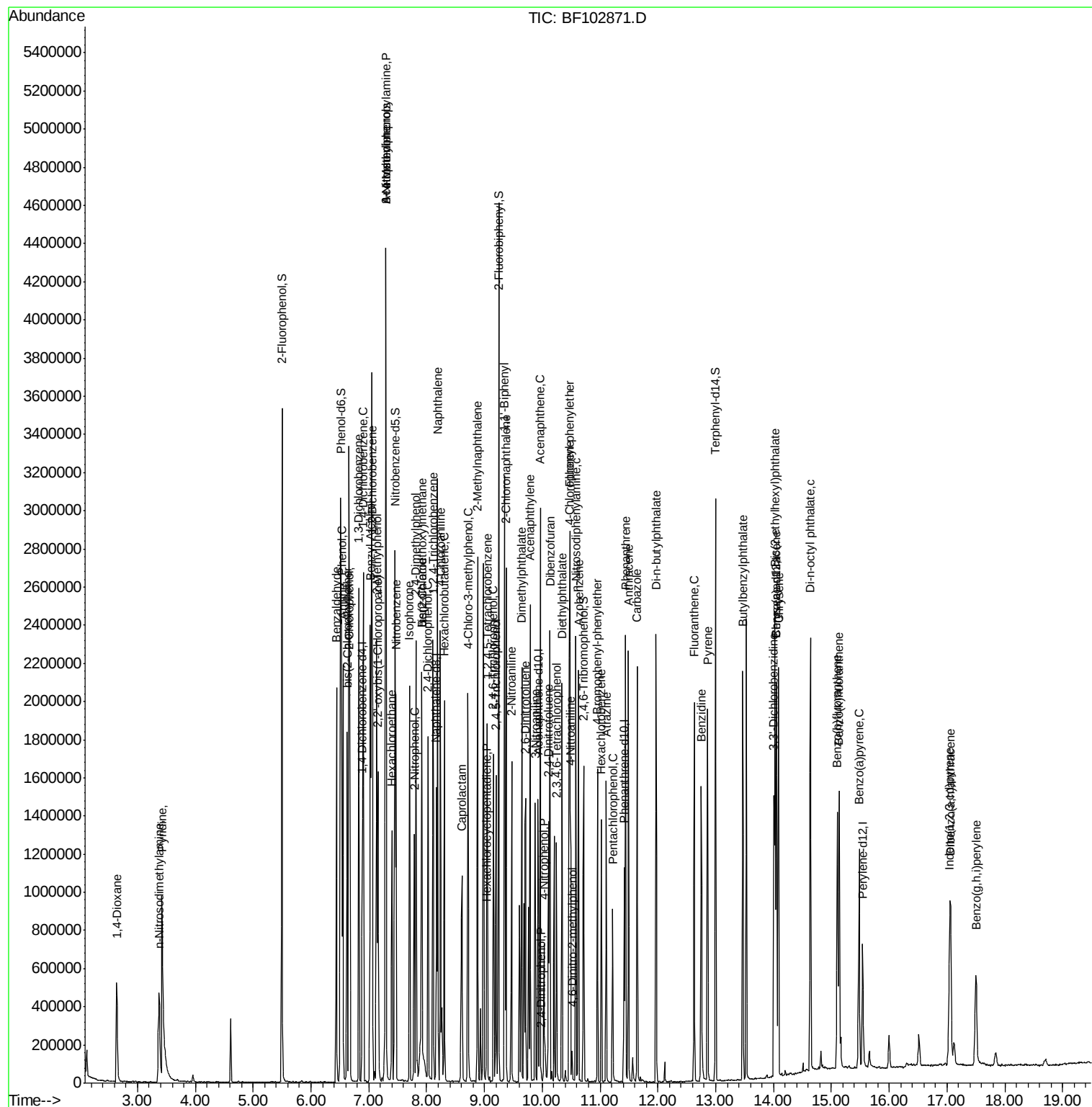
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	198319	42.93	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	217165	41.70	nq	96
45) 1,1'-Biphenyl	9.35	154	887566	40.79	nq	99
46) 2-Chloronaphthalene	9.37	162	689306	40.24	nq	99
47) 2-Nitroaniline	9.47	65	278427	52.34	nq	86
48) Acenaphthylene	9.79	152	1038284	39.03	nq	99
49) Dimethylphthalate	9.65	163	833324	41.37	nq	99
50) 2,6-Dinitrotoluene	9.71	165	160034	41.76	nq	93
51) Acenaphthene	9.96	154	592695	37.25	nq	99
52) 3-Nitroaniline	9.88	138	218555	46.35	nq	98
53) 2,4-Dinitrophenol	9.99	184	3946	13.45	nq	# 25
54) Dibenzofuran	10.13	168	841530	37.53	nq	96
55) 4-Nitrophenol	10.03	139	120277	33.50	nq	94
56) 2,4-Dinitrotoluene	10.11	165	186584	37.05	nq	# 85
57) Fluorene	10.47	166	611058	37.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	129968	36.01	nq	94
59) Diethylphthalate	10.34	149	788830	39.66	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	286729	39.73	nq	95
61) 4-Nitroaniline	10.49	138	192824	42.96	nq	99
62) Azobenzene	10.63	77	773775	38.94	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	12041	15.87	nq	# 71
65) n-Nitrosodiphenylamine	10.58	169	562879	43.16	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	160681	41.08	nq	95
67) Hexachlorobenzene	11.02	284	168211	38.98	nq	97
68) Atrazine	11.11	200	155294	40.36	nq	99
69) Pentachlorophenol	11.22	266	84349	33.30	nq	99
70) Phenanthrene	11.44	178	786078	38.17	nq	99
71) Anthracene	11.49	178	789961	37.72	nq	99
72) Carbazole	11.65	167	776643	37.85	nq	99
73) Di-n-butylphthalate	11.97	149	1055004	42.33	nq	99
74) Fluoranthene	12.63	202	777761	37.54	nq	98
76) Benzidine	12.75	184	580442	42.65	nq	99
77) Pyrene	12.86	202	814026	35.06	nq	99
79) Butylbenzylphthalate	13.47	149	434899	39.34	nq	94
80) Benzo(a)anthracene	14.04	228	737312	39.59	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	303238	43.91	nq	97
82) Chrysene	14.09	228	705159	37.56	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	614031	43.17	nq	# 99
84) Di-n-octyl phthalate	14.64	149	1005478	47.08	nq	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	506410	32.52	nq	98
87) Benzo(b)fluoranthene	15.10	252	668679	41.49	nq	# 97
88) Benzo(k)fluoranthene	15.13	252	611442	39.70	nq	98
89) Benzo(a)pyrene	15.48	252	563186	38.82	nq	97
90) Dibenzo(a,h)anthracene	17.06	278	433680	36.83	nq	98
91) Benzo(g,h,i)perylene	17.50	276	400083	34.71	nq	97

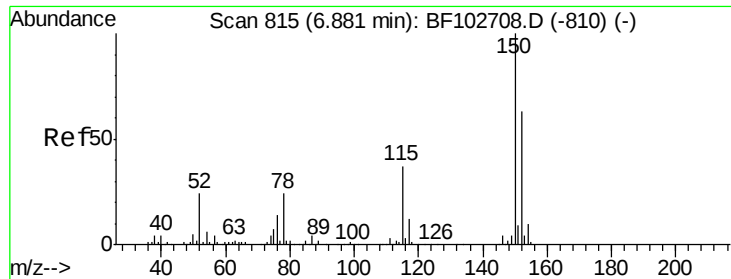
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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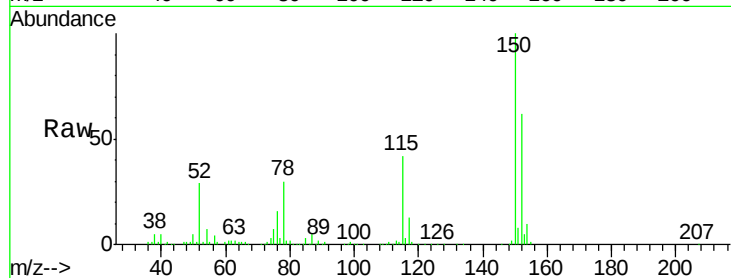


#1

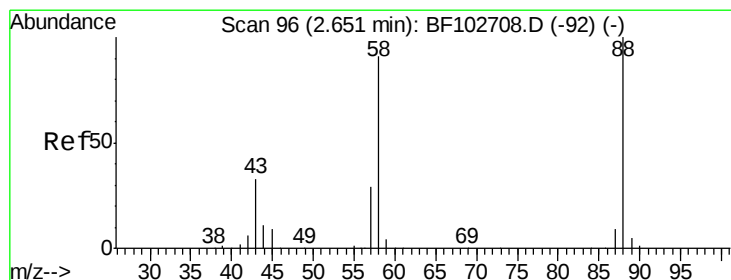
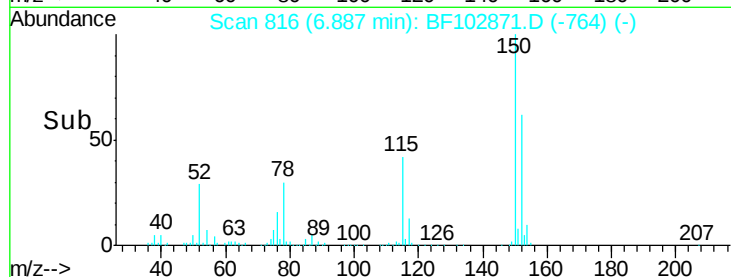
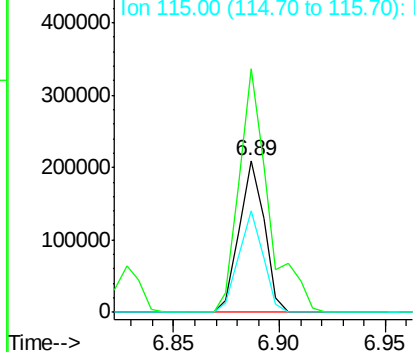
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171945
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 67.2 50.1 75.1



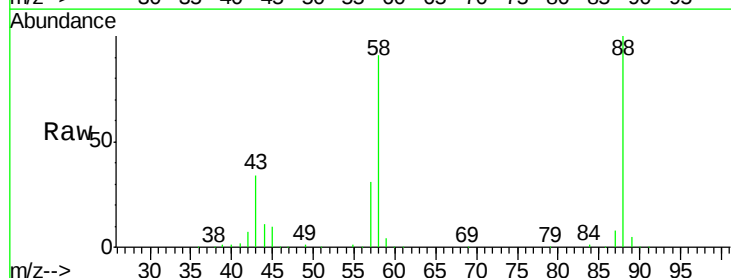
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



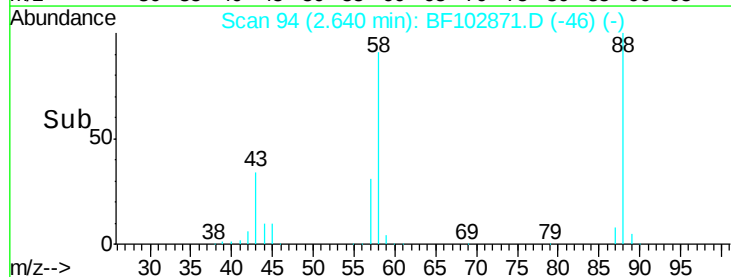
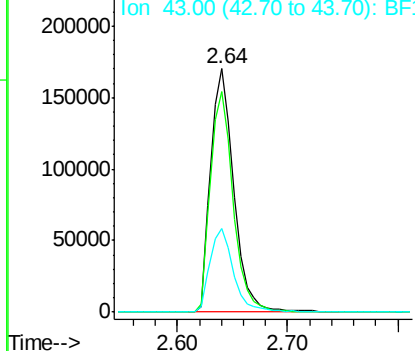
#2

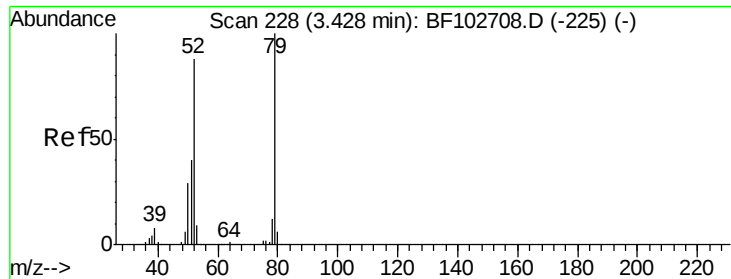
1,4-Dioxane
Concen: 43.71 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.02 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion: 88 Resp: 244446
Ion Ratio Lower Upper
88 100
58 89.2 62.6 93.8
43 34.2 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: 45.23 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

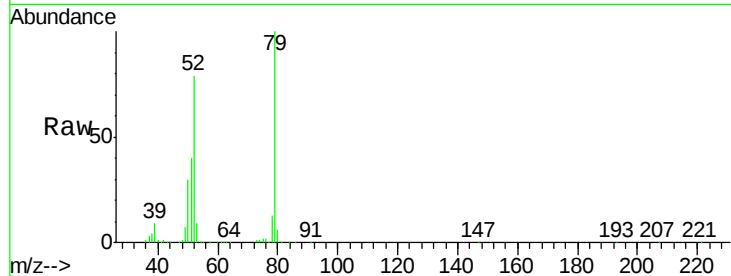
Tot Ion: 79 Resp: 698866

Ion Ratio Lower Upper

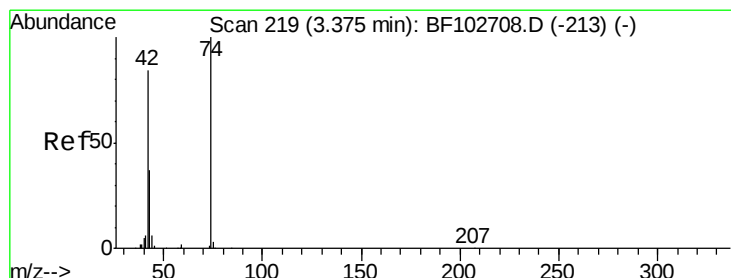
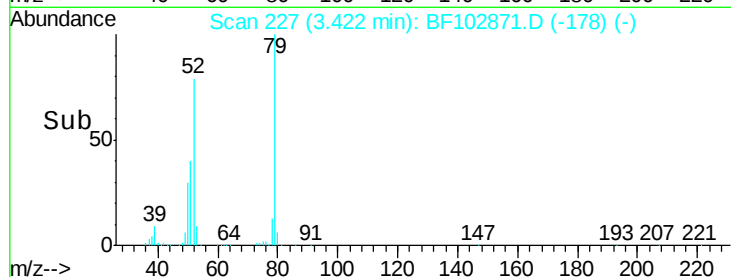
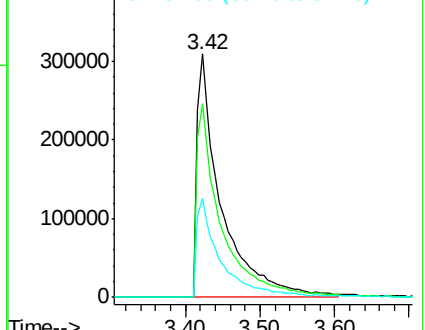
79 100

52 79.4 59.8 89.6

51 40.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.01 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

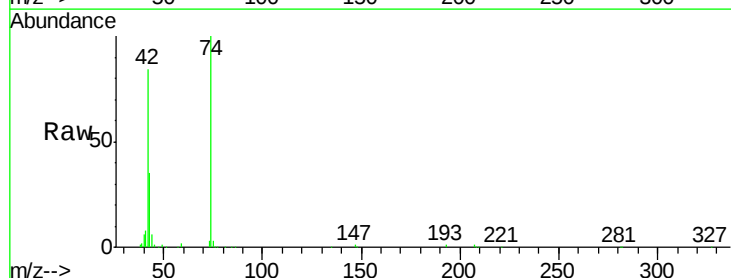
Tgt Ion: 42 Resp: 297548

Ion Ratio Lower Upper

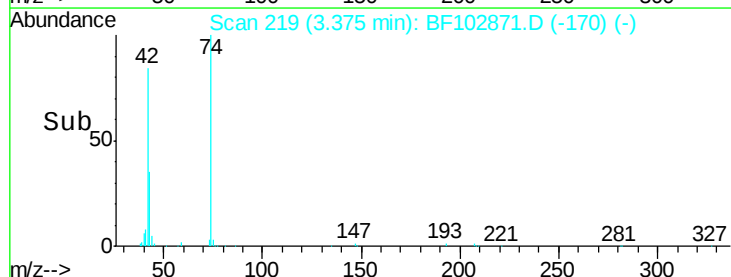
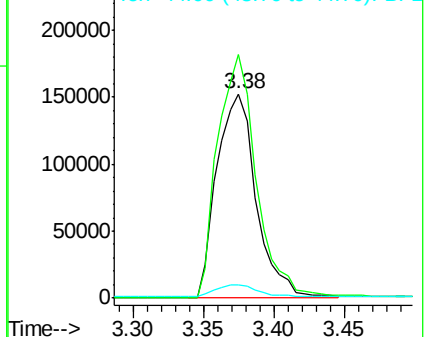
42 100

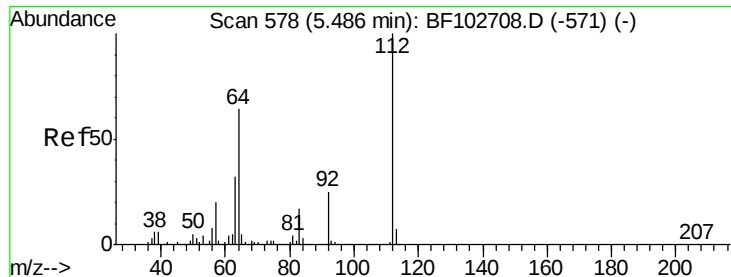
74 119.1 104.9 157.3

44 6.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 80.72 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

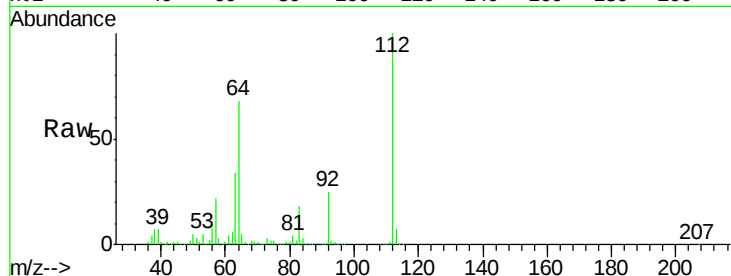
Tot Ion:112 Resp: 913875

Ion Ratio Lower Upper

112 100

64 67.5 47.9 71.9

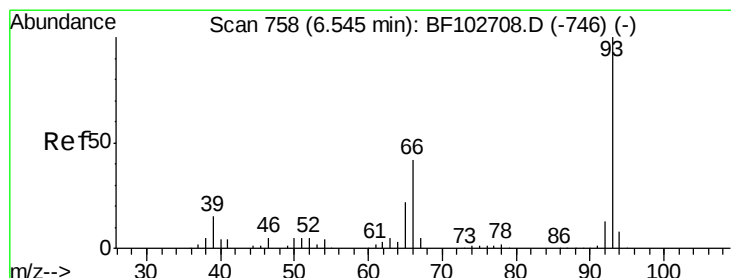
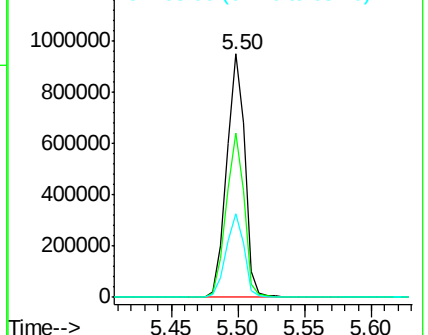
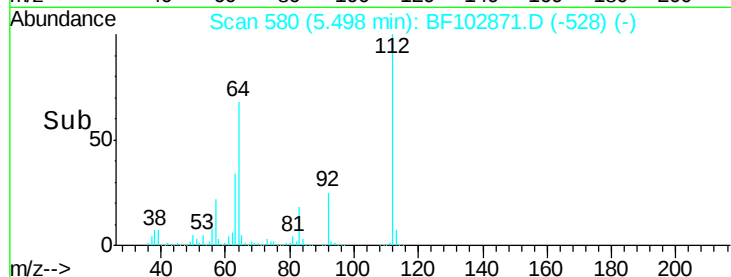
63 34.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.69 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

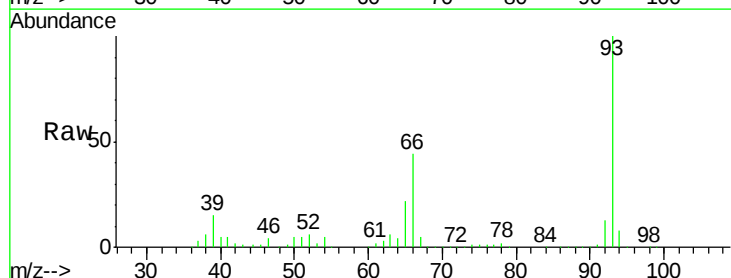
Tgt Ion: 93 Resp: 778899

Ion Ratio Lower Upper

93 100

66 44.2 32.2 48.2

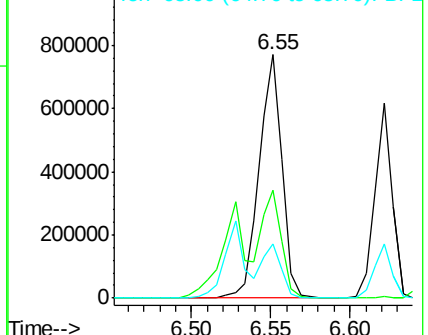
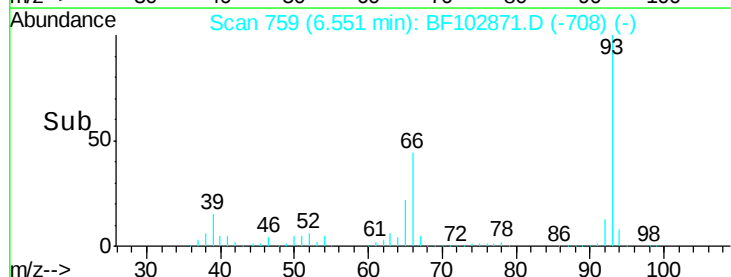
65 22.5 16.4 24.6

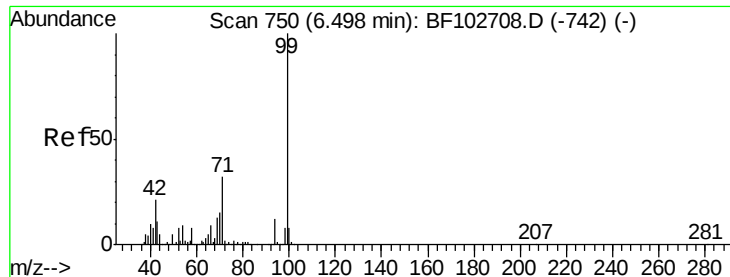


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.23 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102871.D

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Instrument :

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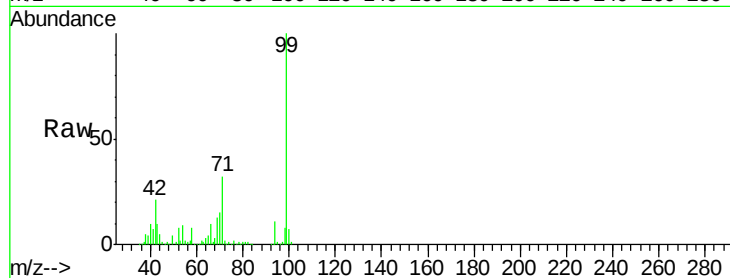
Tot Ion: 99 Resp: 1066483

Ion Ratio Lower Upper

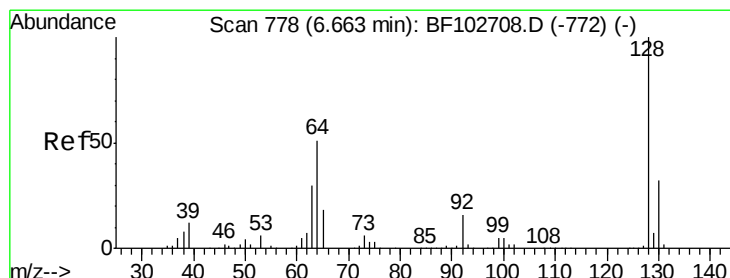
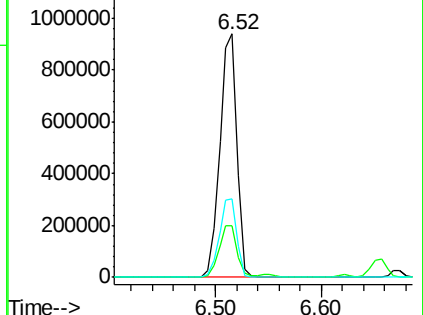
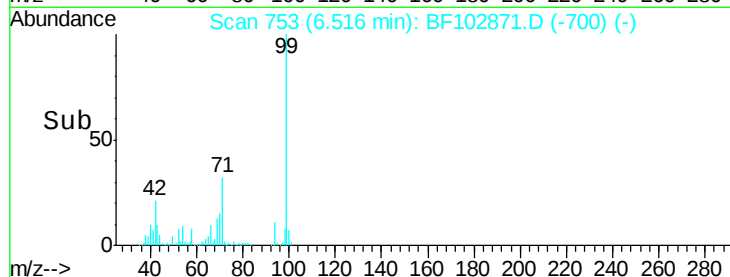
99 100

42 21.0 14.5 21.7

71 32.1 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: 38.55 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

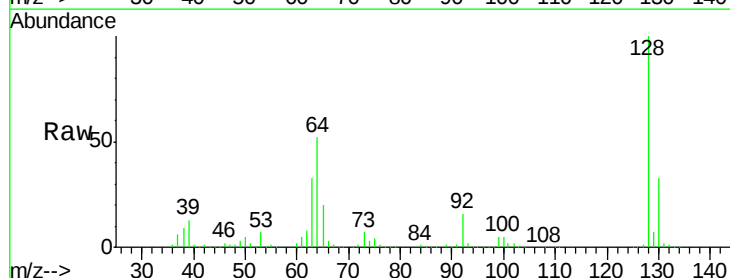
Tgt Ion: 128 Resp: 449304

Ion Ratio Lower Upper

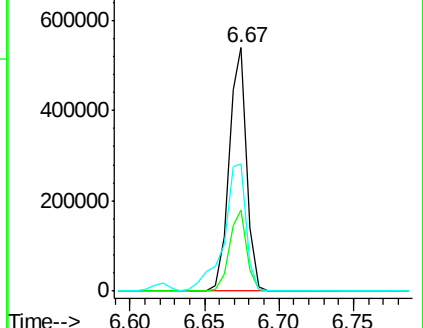
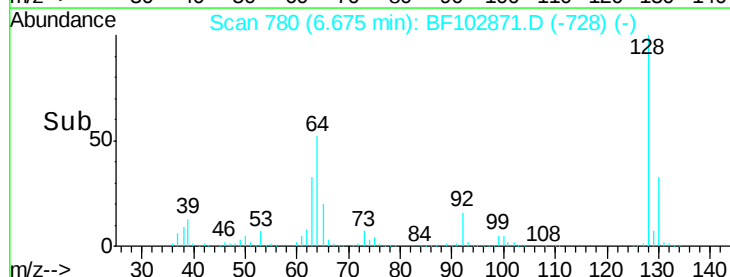
128 100

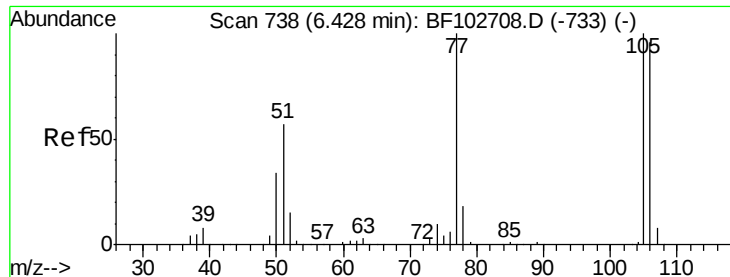
130 33.5 13.0 53.0

64 52.1 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: 37.99 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

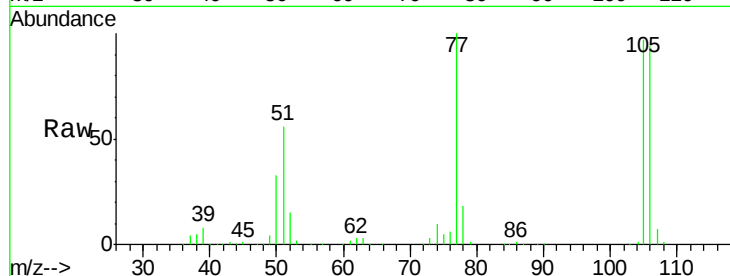
Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

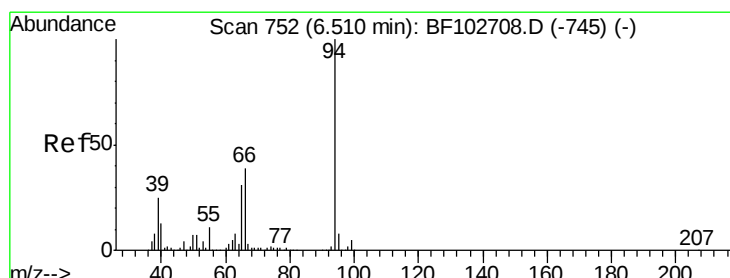
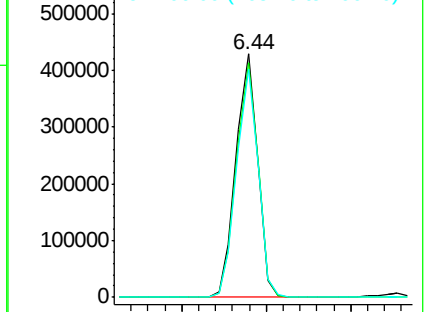
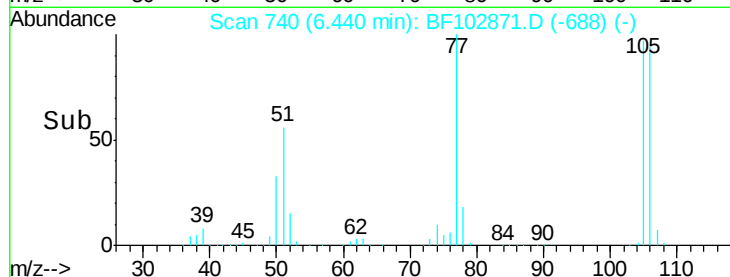
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 384617

Ion	Ratio	Lower	Upper
77	100		
105	96.6	81.1	121.1
106	94.0	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: 42.96 ng

RT: 6.53 min Scan# 755

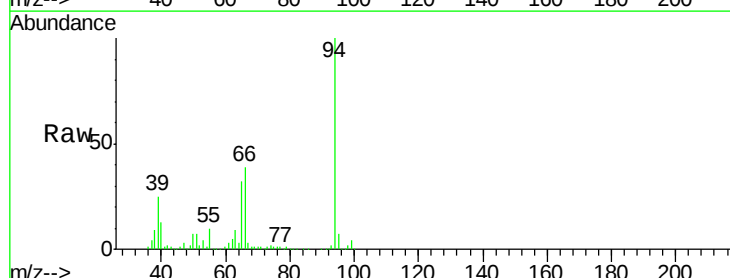
Delta R.T. 0.01 min

Lab File: BF102871.D

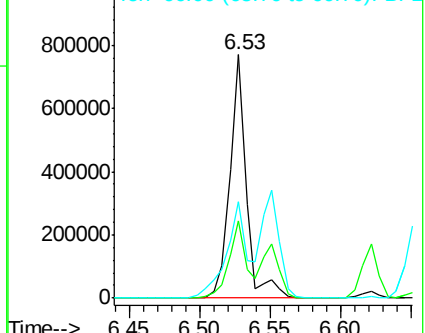
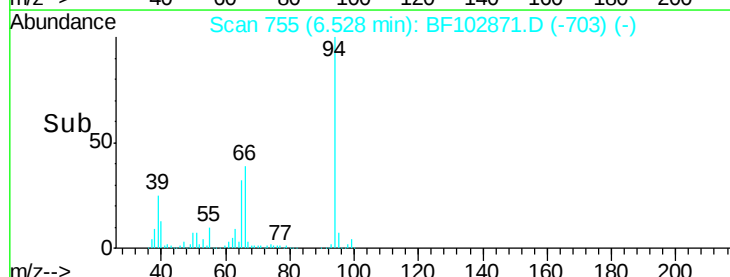
Acq: 8 Feb 2018 22:57

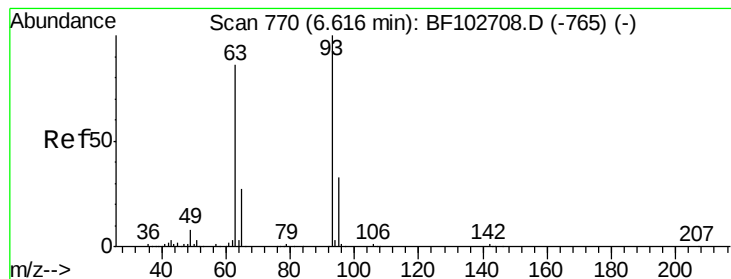
Tgt Ion: 94 Resp: 627659

Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	39.5	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

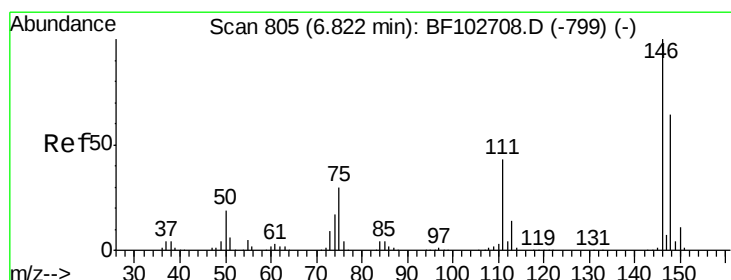
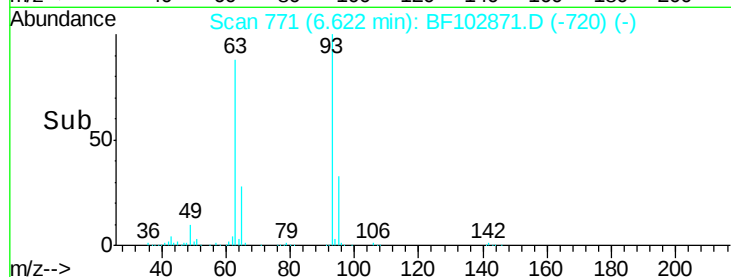
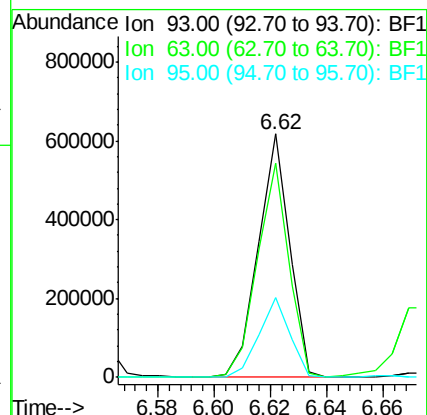
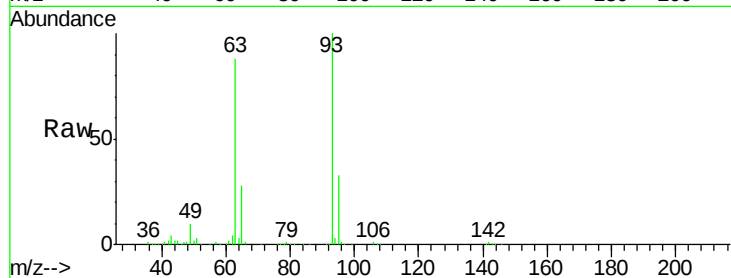




#11
bis(2-Chloroethyl)ether
Concen: 39.02 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

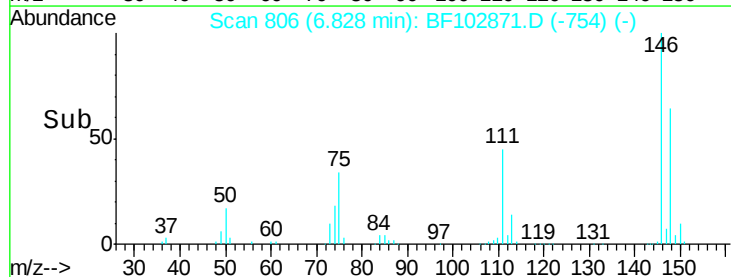
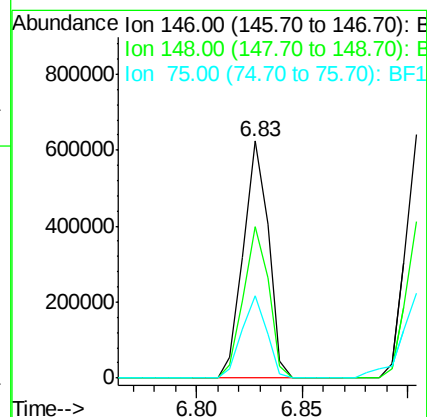
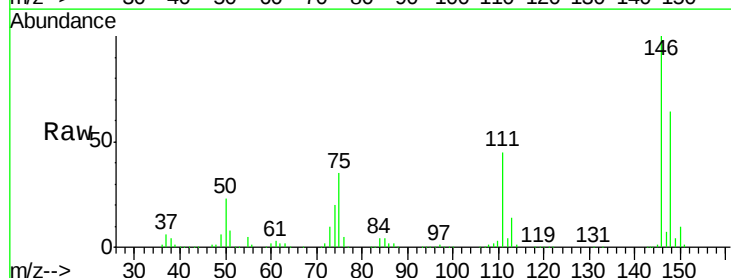
Instrument :
BNA_F
ClientSampleId :

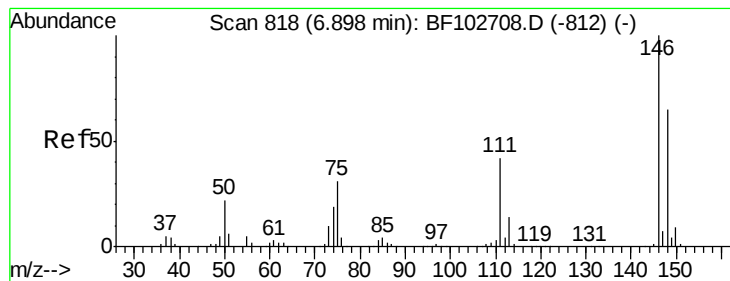
Tot Ion: 93 Resp: 474404
Ion Ratio Lower Upper
93 100
63 87.8 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.96 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion: 146 Resp: 512449
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 34.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.94 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampled :

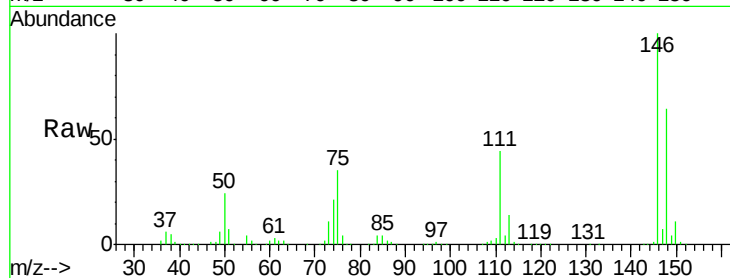
Tot Ion:146 Resp: 510179

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

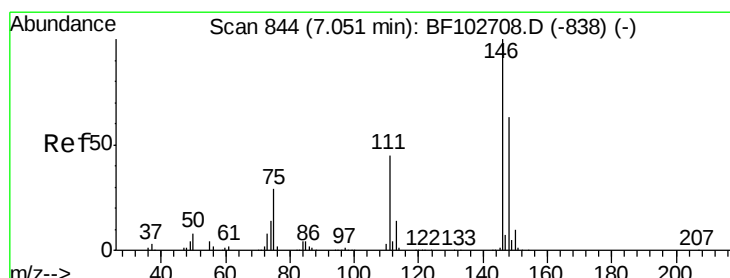
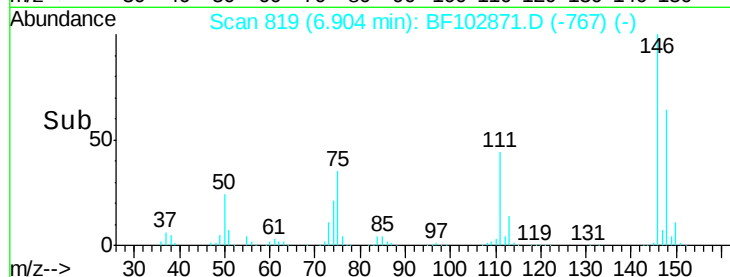
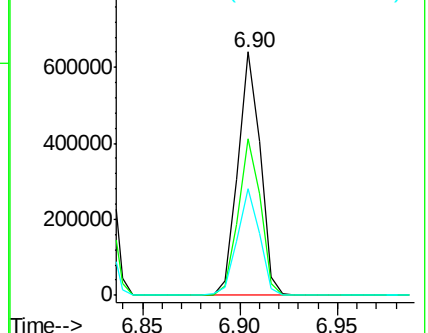
111 44.0 34.2 51.2



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: 37.82 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

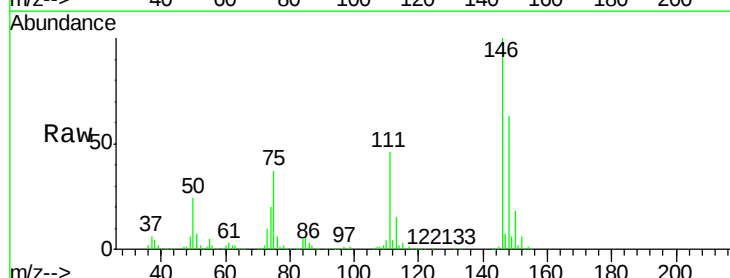
Tgt Ion:146 Resp: 473617

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

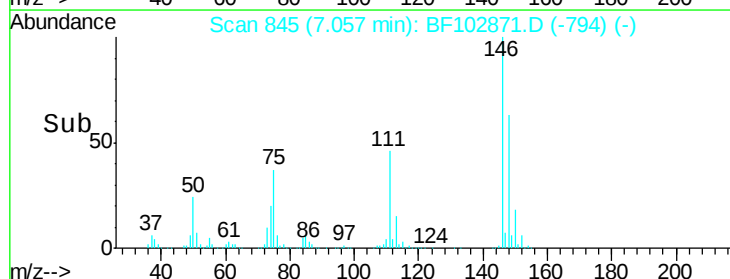
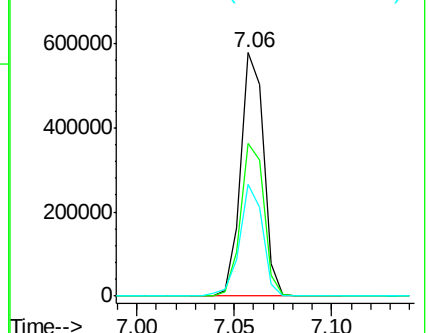
111 46.0 36.0 54.0

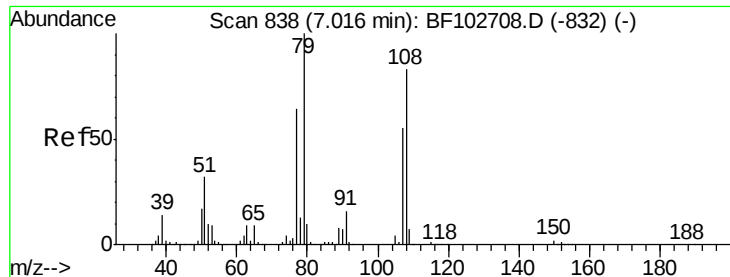


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.92 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

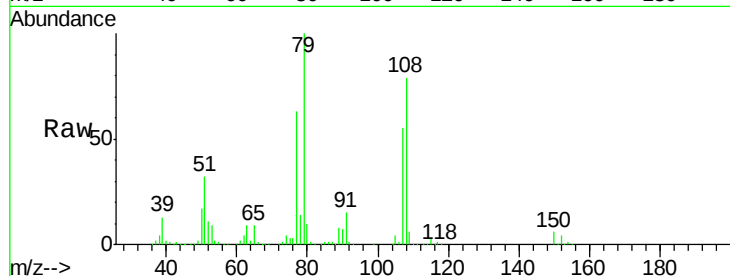
Tot Ion: 79 Resp: 418431

Ion Ratio Lower Upper

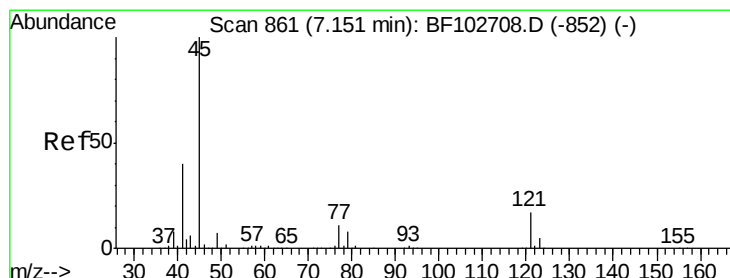
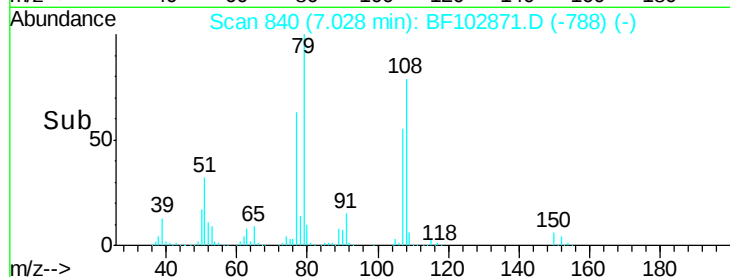
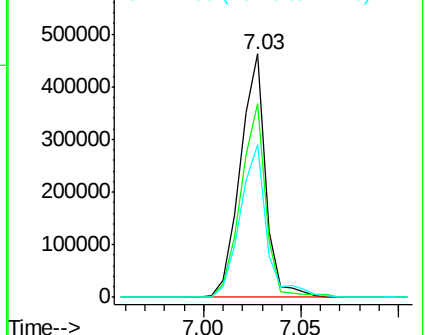
79 100

108 79.4 65.1 97.7

77 62.7 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: 35.56 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

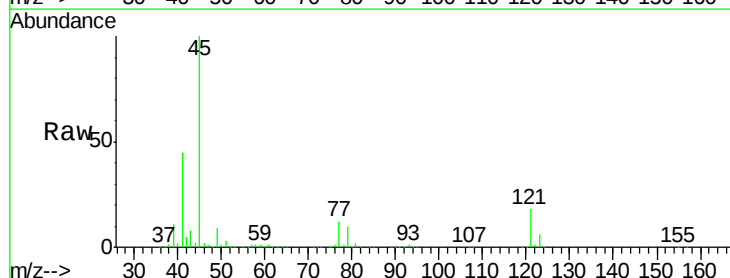
Tgt Ion: 45 Resp: 821161

Ion Ratio Lower Upper

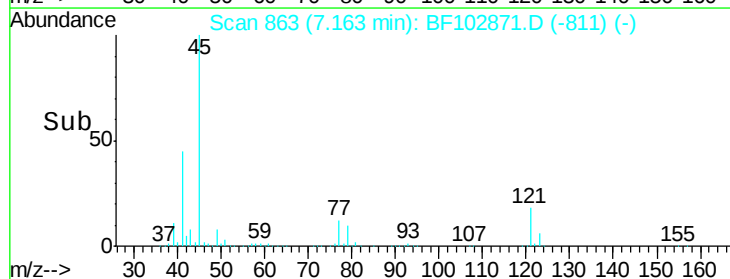
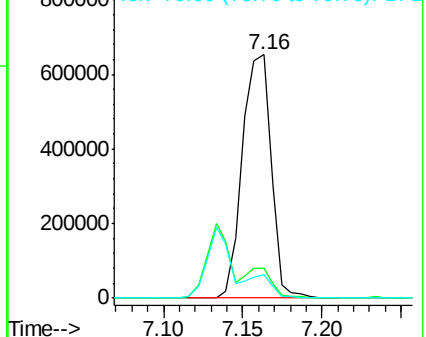
45 100

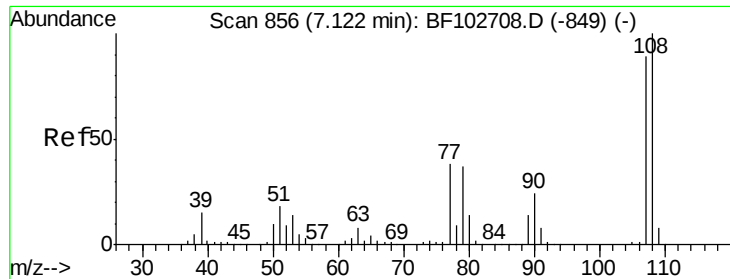
77 12.2 0.0 32.9

79 9.8 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

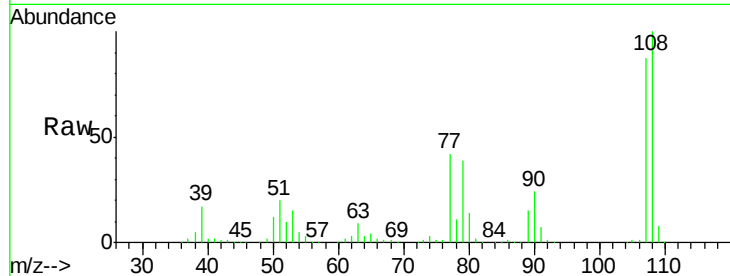




#17
2-Methylphenol
Concen: 37.85 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	48.1	33.8	50.8
79	45.1	33.8	50.8



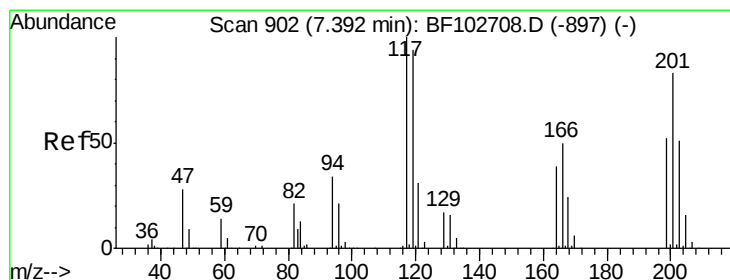
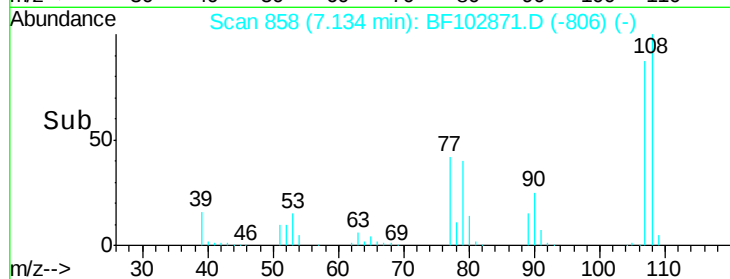
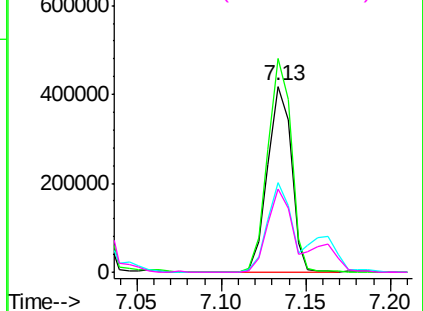
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

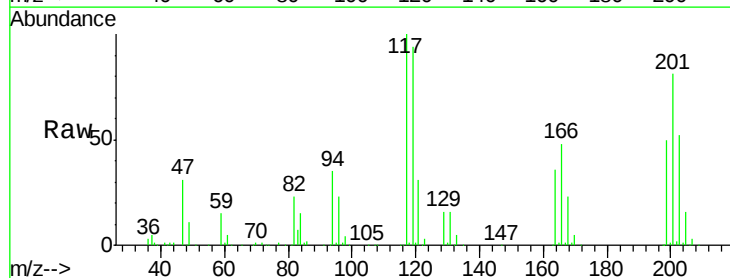
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.86 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
201	81.4	75.7	113.5

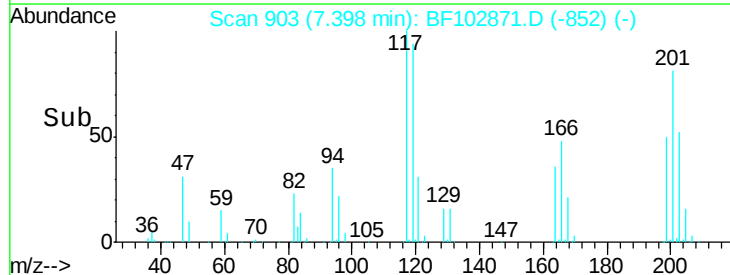
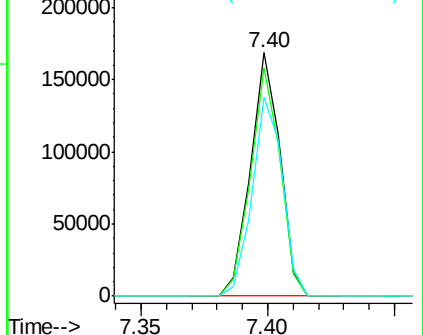


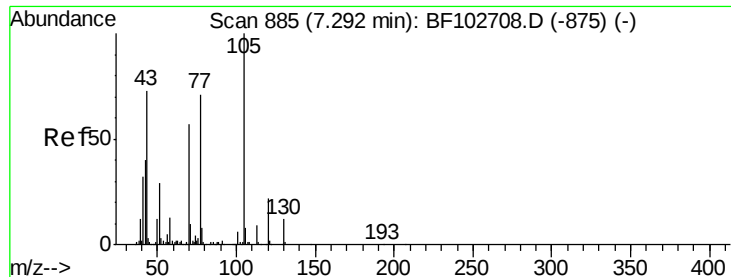
Abundance

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

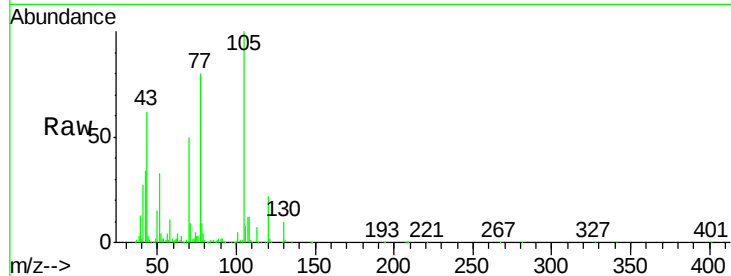




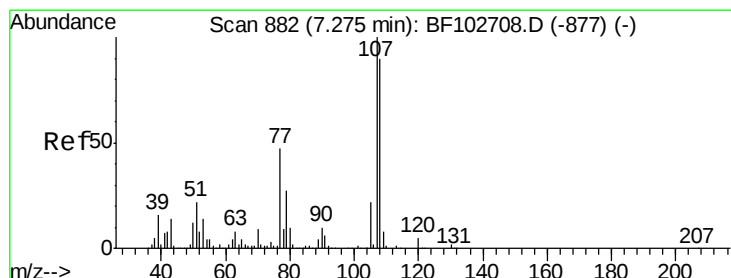
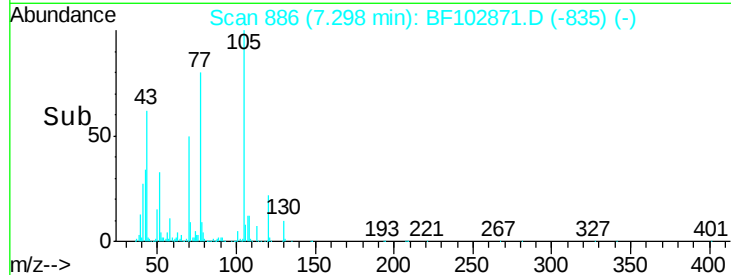
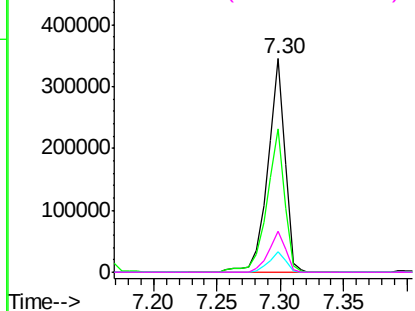
#19
n-Nitroso-di-n-propylamine
Concen: 36.31 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 326364
Ion Ratio Lower Upper
70 100
42 67.3 47.5 71.3
101 9.3 7.4 11.2
130 19.4 16.6 25.0

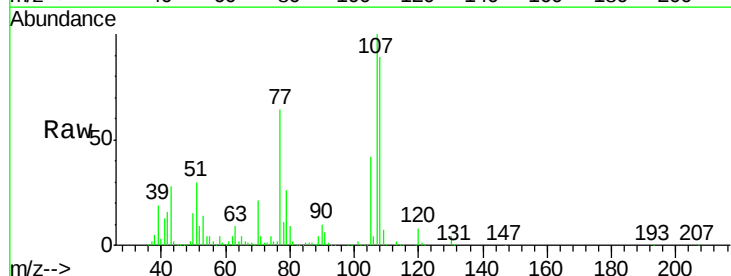


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

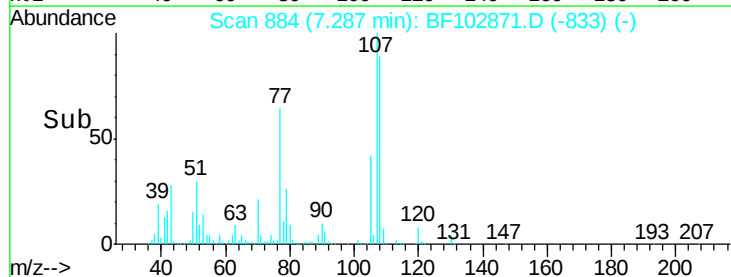
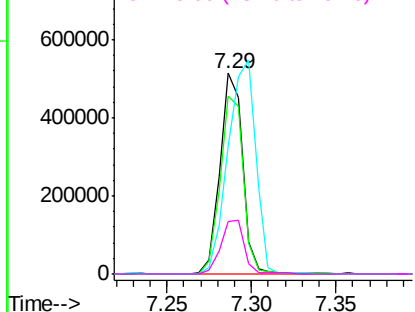


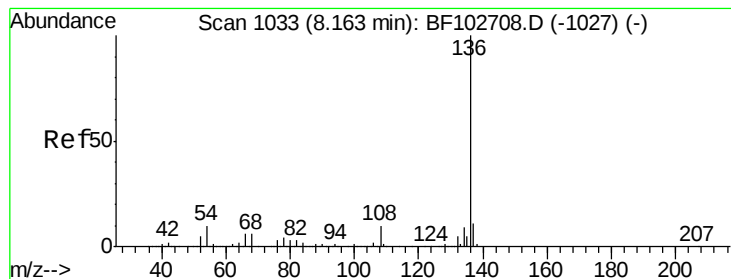
#20
3+4-Methylphenols
Concen: 36.37 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion: 107 Resp: 482291
Ion Ratio Lower Upper
107 100
108 88.8 68.2 108.2
77 64.0 26.7 66.7
79 26.1 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102871.D

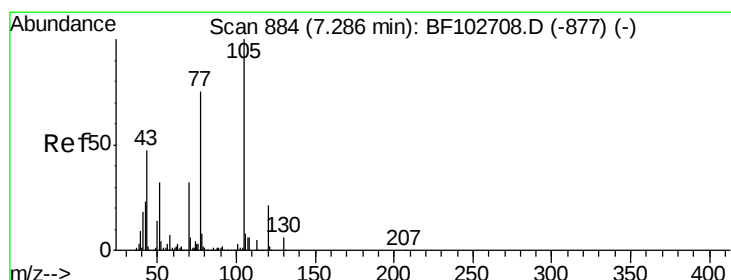
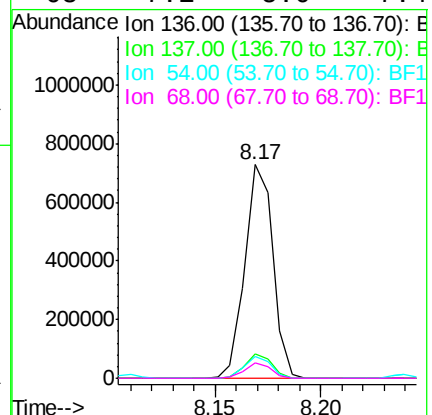
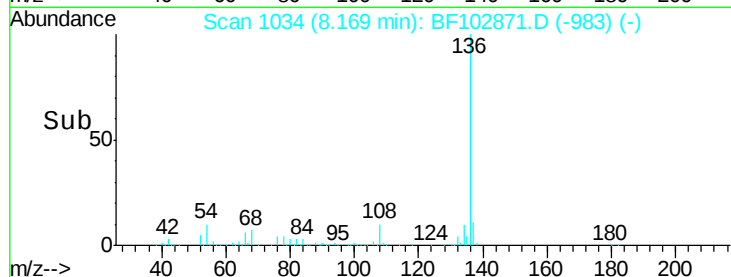
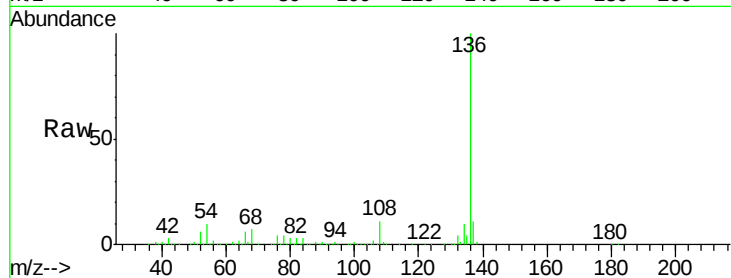
Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp: 667667
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 10.0	6.6 9.8#
68 7.1	5.0 7.4



#22

Acetophenone

Concen: 38.23 ng

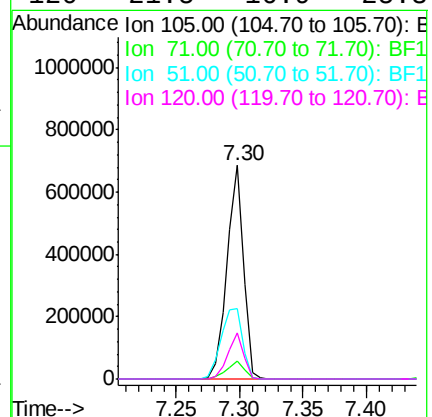
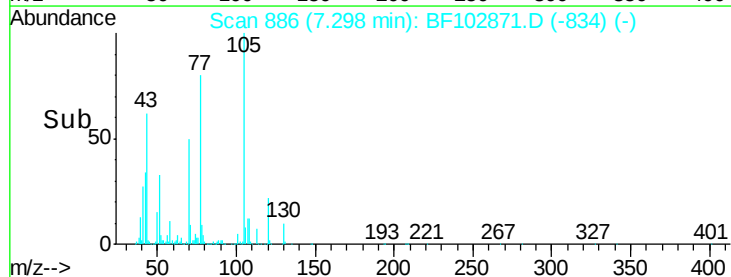
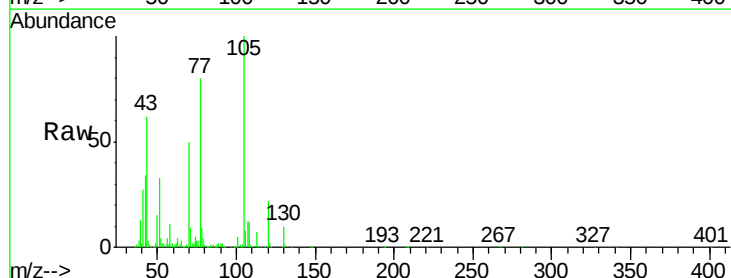
RT: 7.30 min Scan# 886

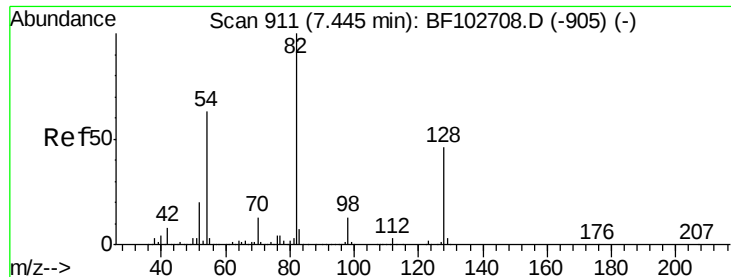
Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Tgt Ion:105	Resp: 624668
Ion Ratio	Lower Upper
105 100	
71 8.6	4.4 6.6#
51 32.8	22.3 33.5
120 21.5	16.9 25.3

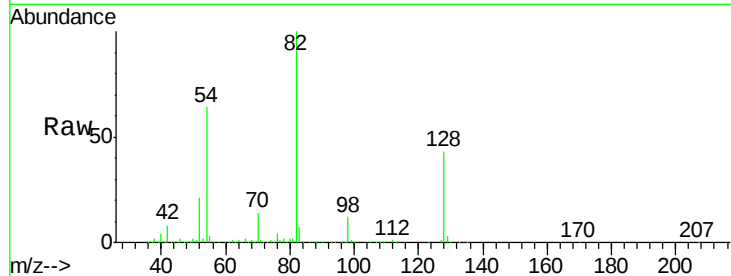




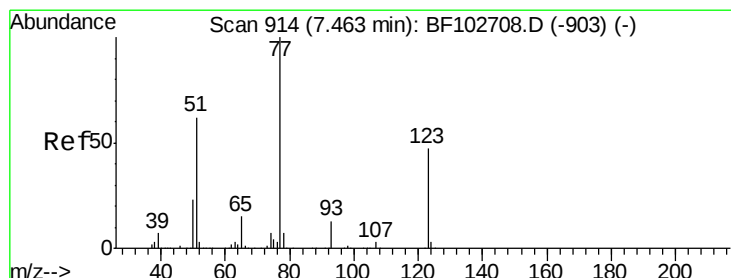
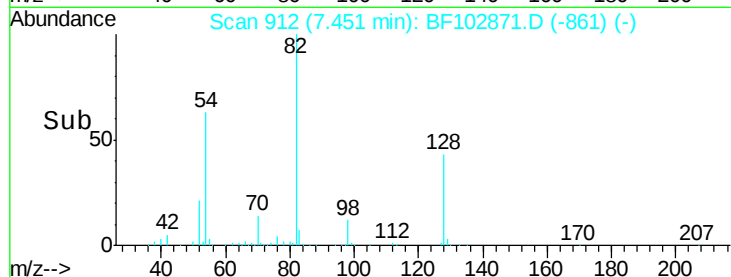
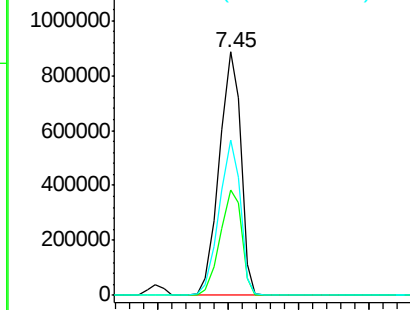
#23
Nitrobenzene-d5
Concen: 98.16 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 944745
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 63.6 41.4 62.2#

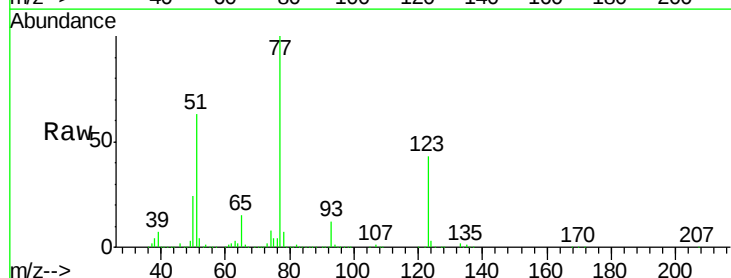


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

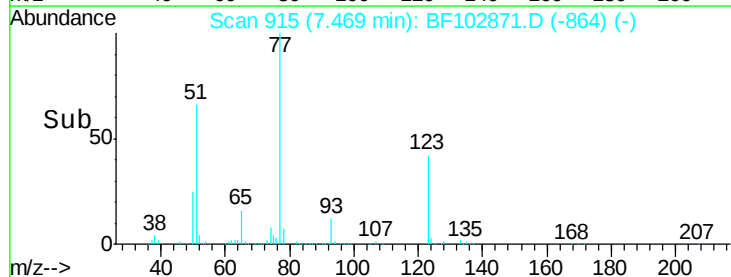
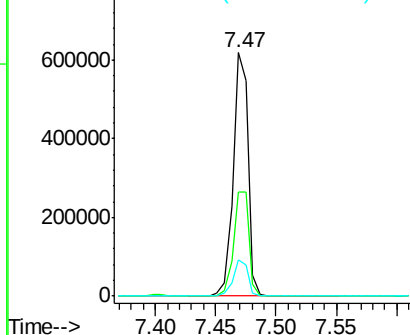


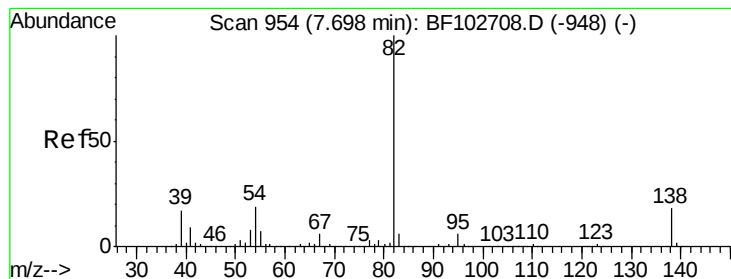
#24
Nitrobenzene
Concen: 46.85 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion: 77 Resp: 530333
Ion Ratio Lower Upper
77 100
123 42.8 37.9 56.9
65 15.1 11.0 16.4



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





#25

Isophorone

Concen: 40.05 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampled :

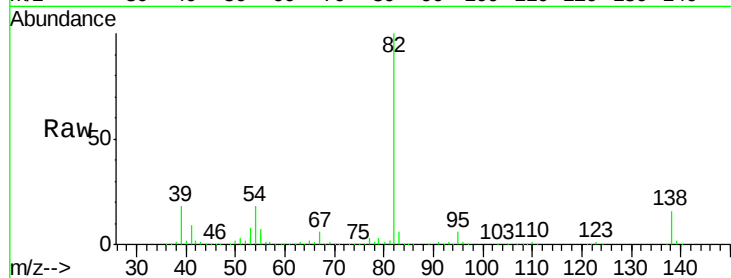
Tot Ion: 82 Resp: 887635

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

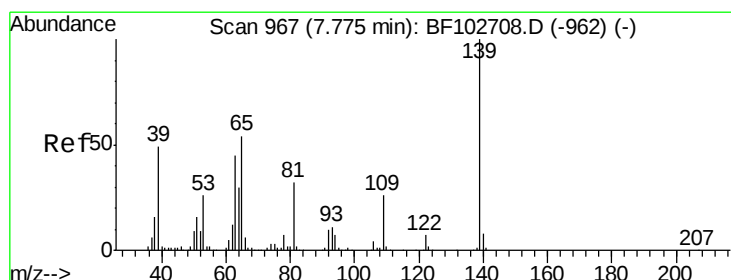
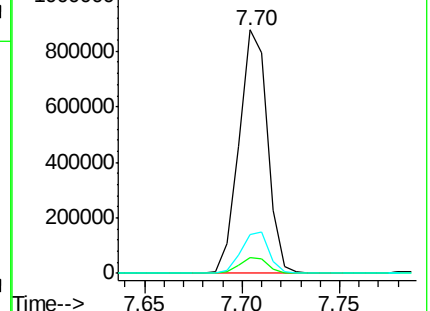
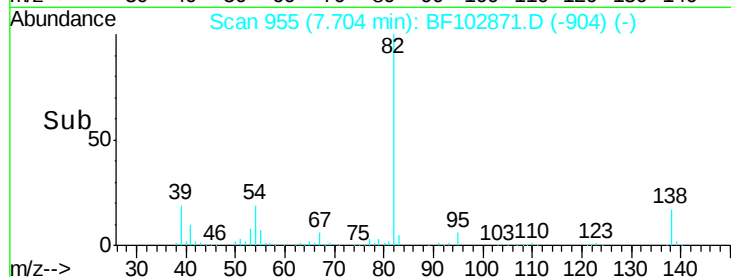
138 16.1 14.9 22.3



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: 44.53 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

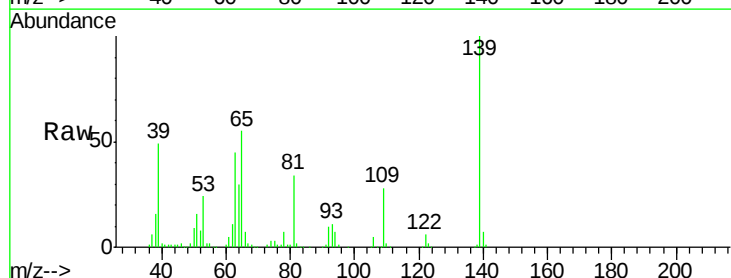
Tgt Ion: 139 Resp: 203566

Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

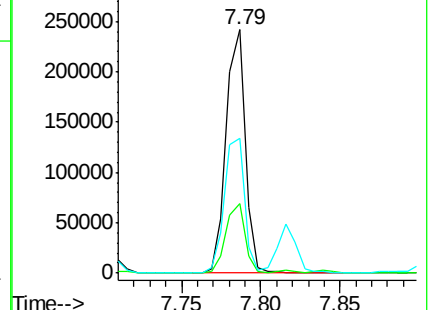
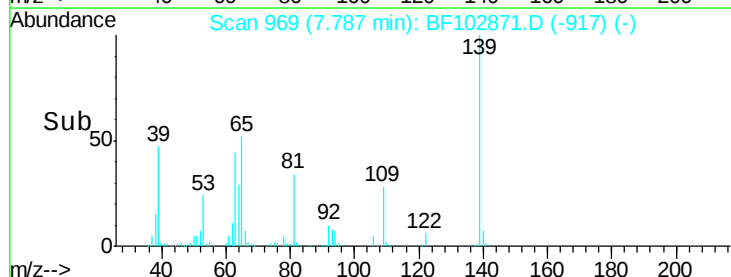
65 55.2 40.5 60.7

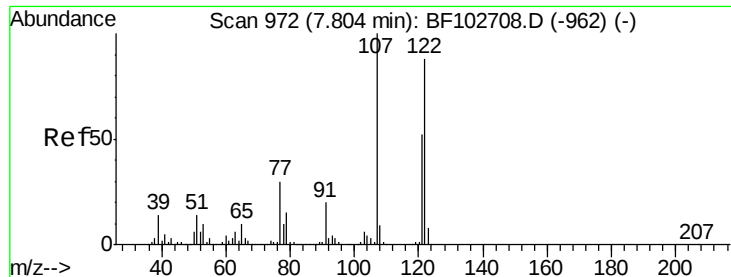


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.39 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampleId :

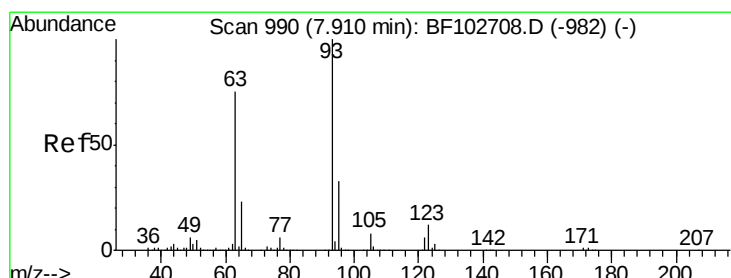
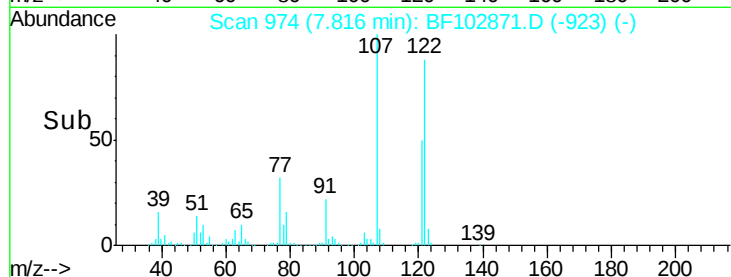
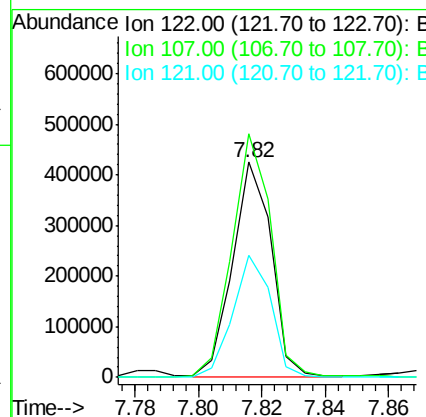
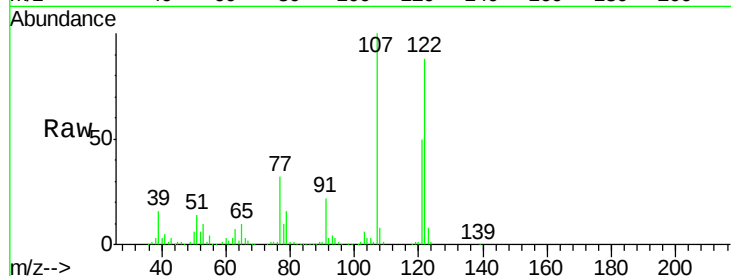
Tot Ion:122 Resp: 359473

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

121 56.8 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.15 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

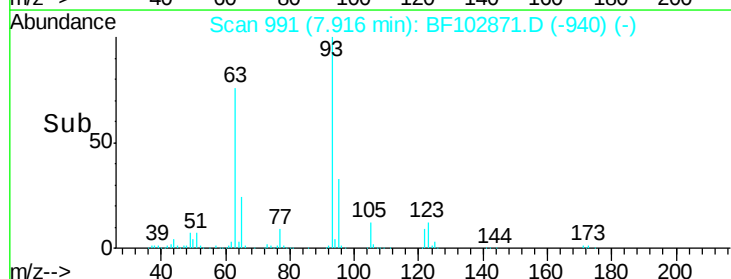
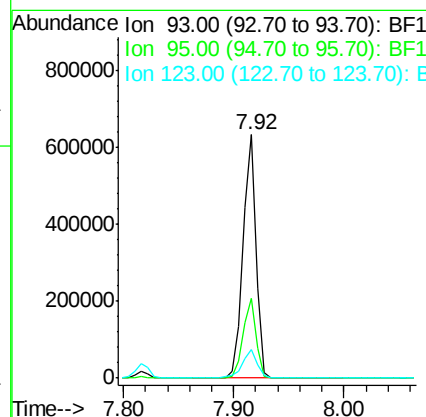
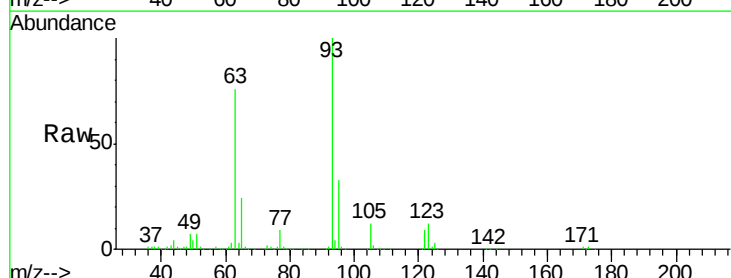
Tgt Ion: 93 Resp: 527083

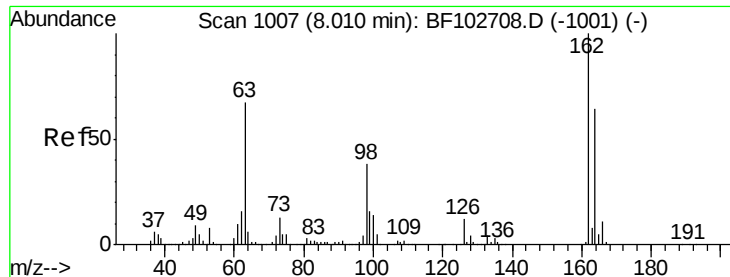
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 11.8 9.8 14.6

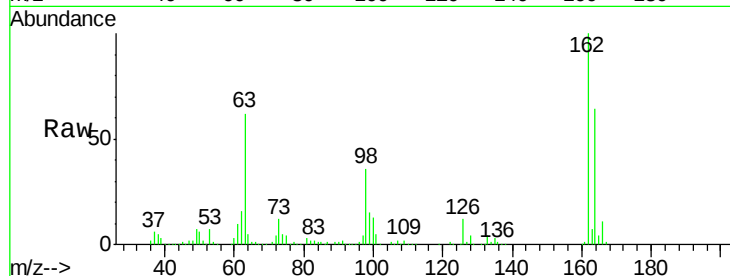




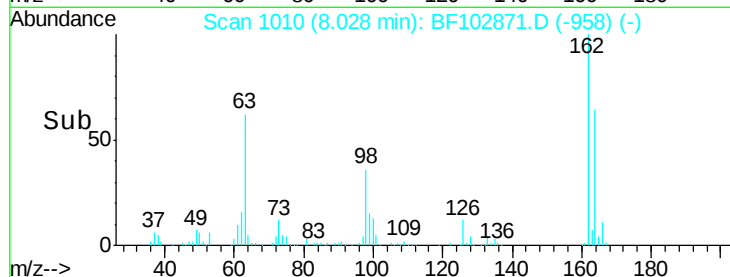
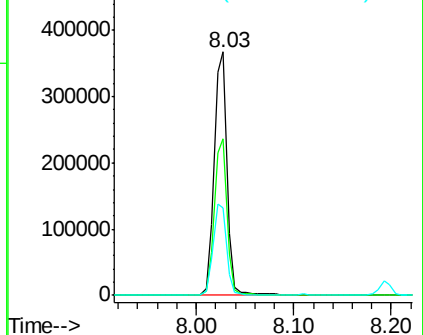
#29
 2,4-Dichlorophenol
 Concen: 39.58 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	36.1	18.1	58.1

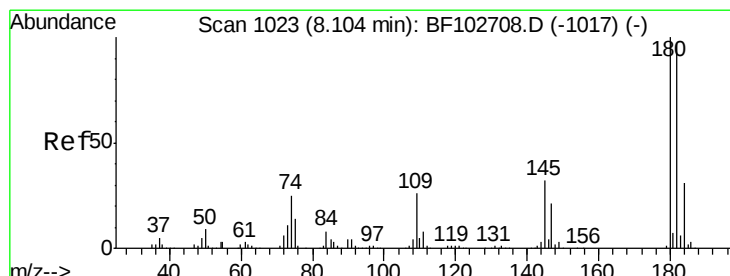


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

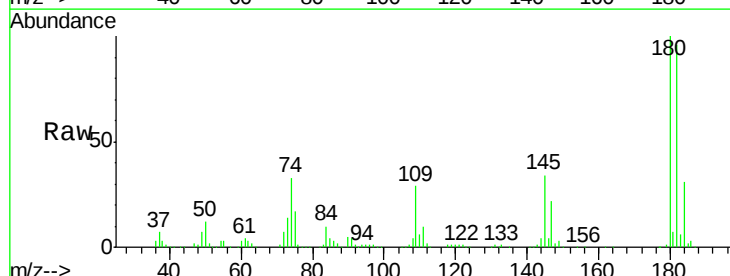
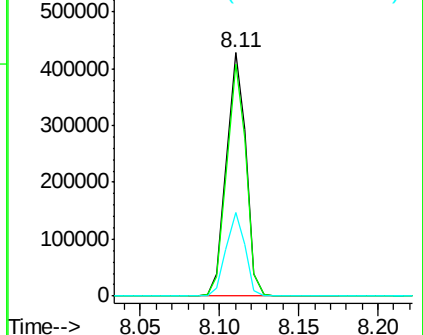


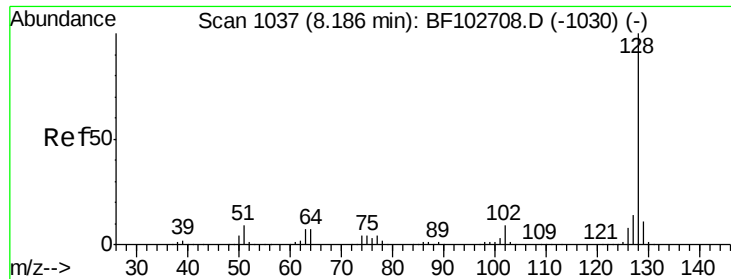
#30
 1,2,4-Trichlorobenzene
 Concen: 37.79 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	34.4	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

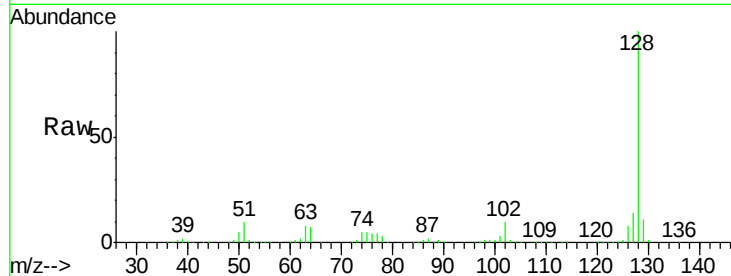




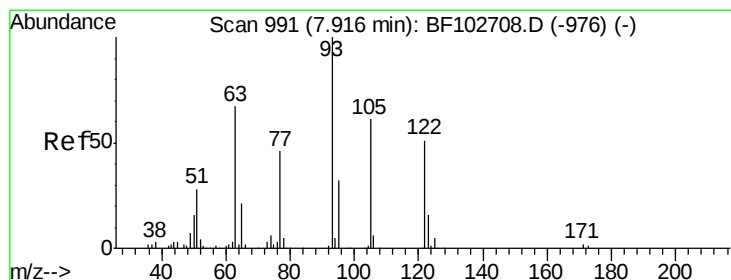
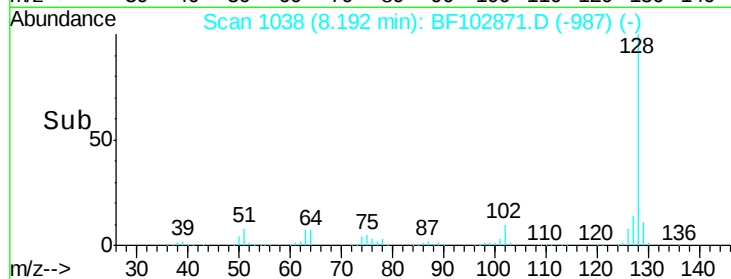
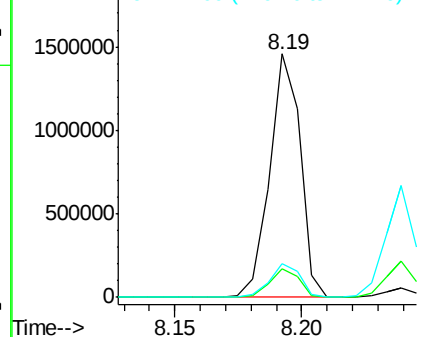
#31
Naphthalene
Concen: 37.75 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1231394
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 10.9 16.3

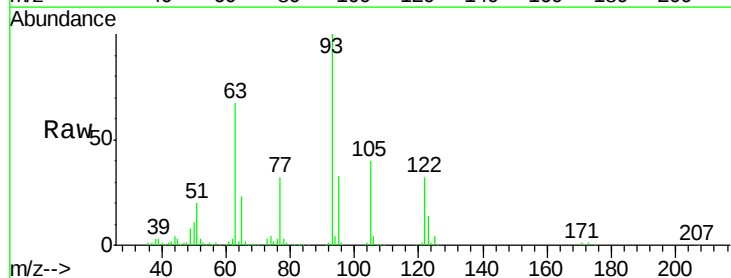


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

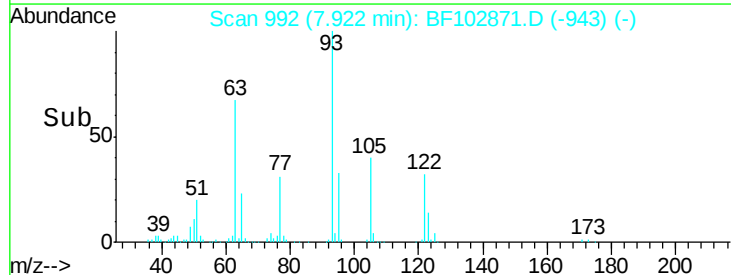
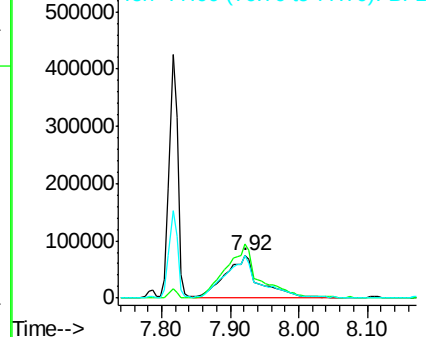


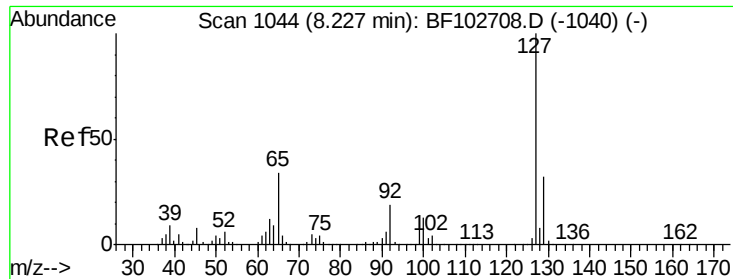
#32
Benzoic acid
Concen: 40.53 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:122 Resp: 249930
Ion Ratio Lower Upper
122 100
105 126.3 101.1 141.1
77 99.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

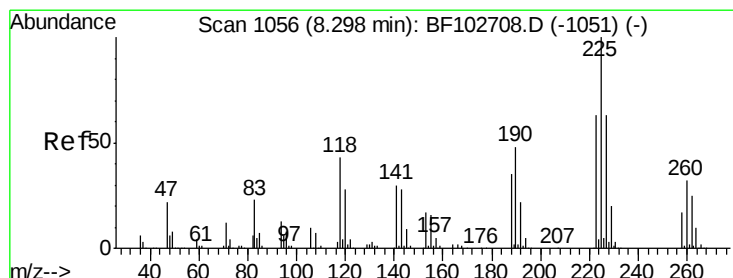
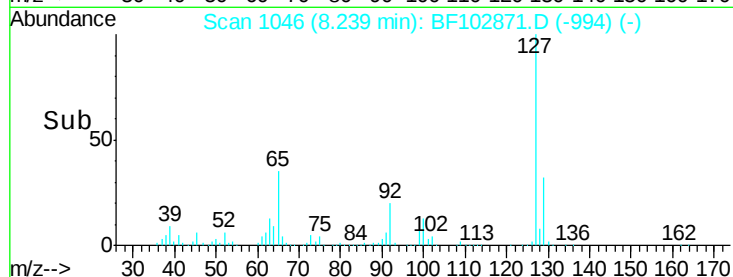
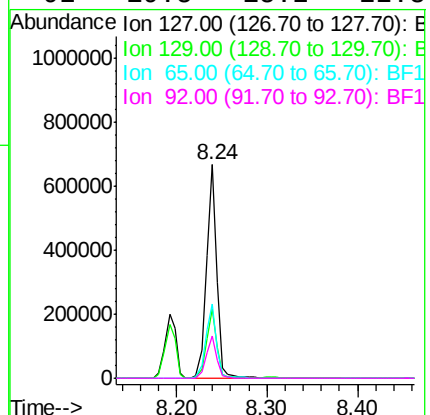
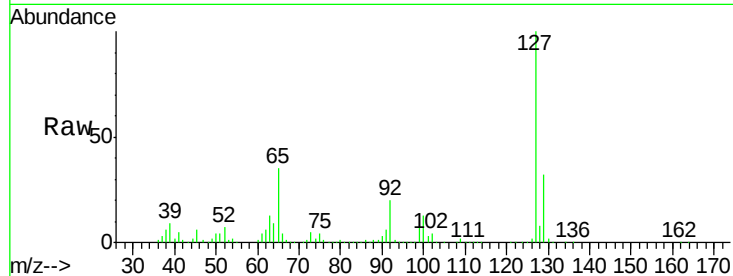




#33
4-Chloroaniline
Concen: 38.27 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

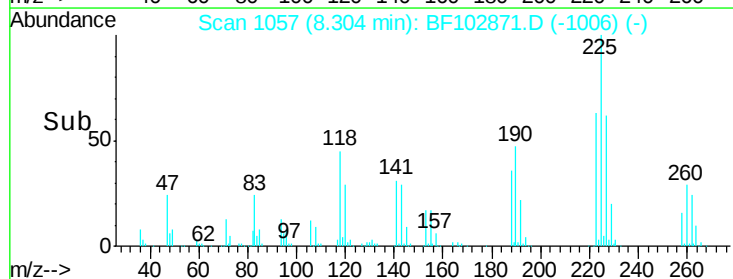
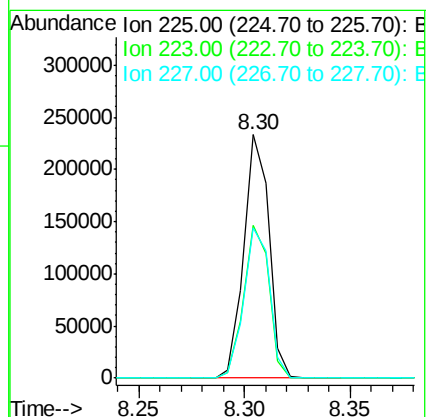
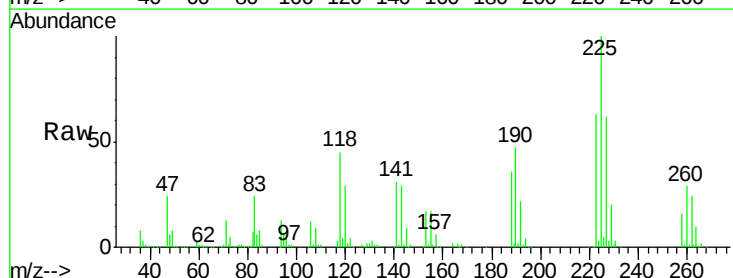
Instrument :
BNA_F
ClientSampled :

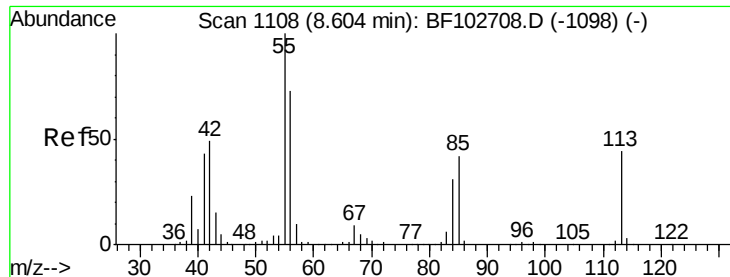
Tot Ion:	127	Resp:	537815
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	34.9	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.99 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:	225	Resp:	192387
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	61.9	51.9	77.9

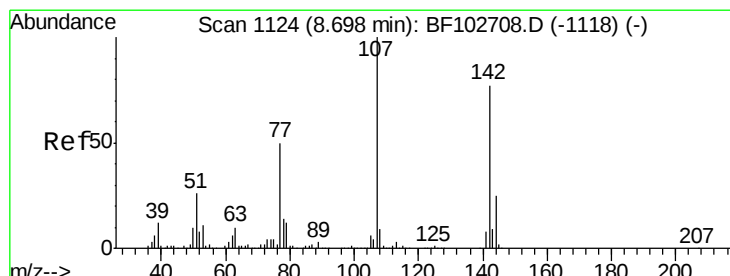
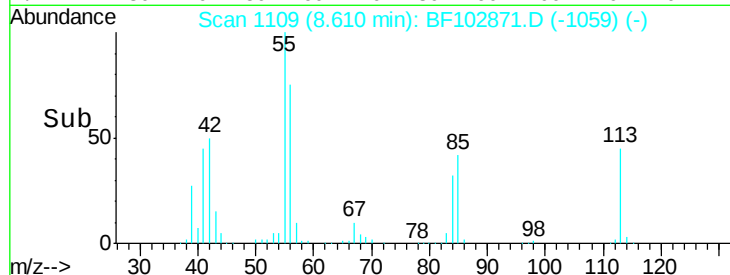
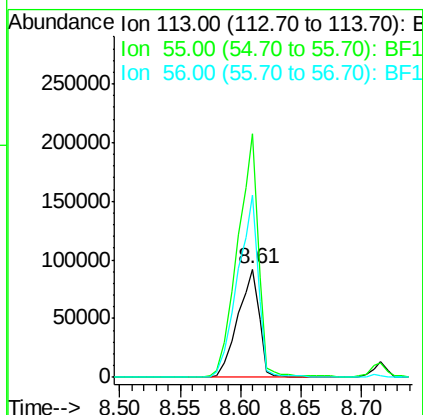
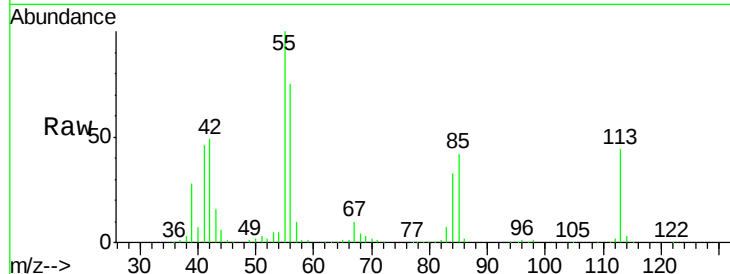




#35
Caprolactam
Concen: 38.59 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

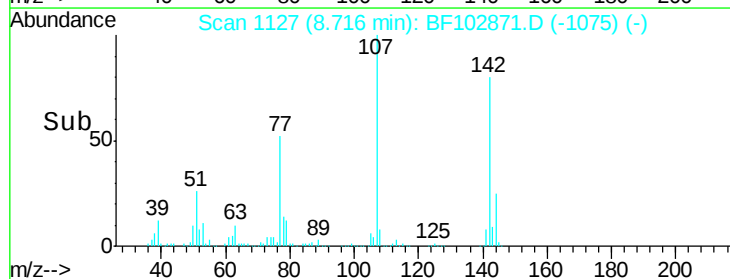
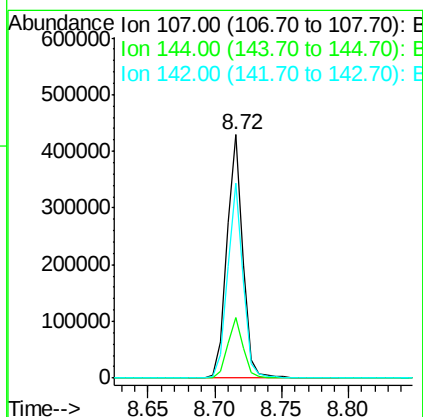
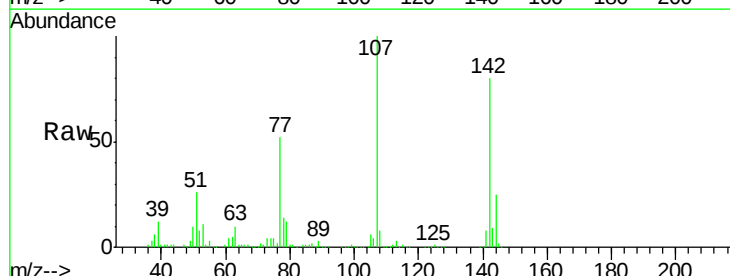
Instrument :
BNA_F
ClientSampleID :

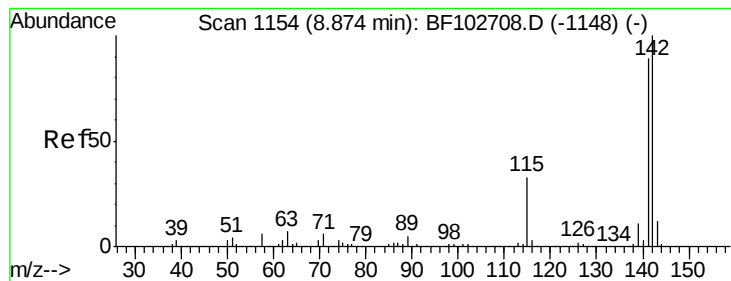
Tot Ion:113 Resp: 114060
Ion Ratio Lower Upper
113 100
55 225.3 163.3 203.3#
56 168.7 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 37.98 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:107 Resp: 363223
Ion Ratio Lower Upper
107 100
144 24.8 20.5 30.7
142 79.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.79 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampled :

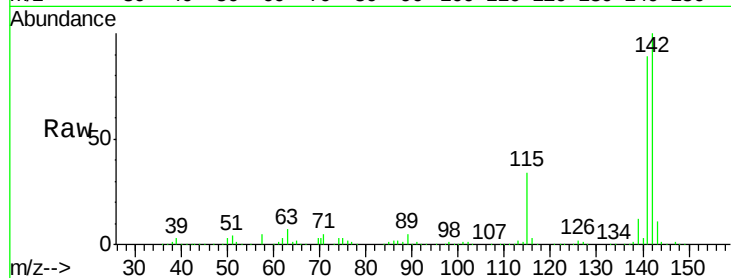
Tot Ion:142 Resp: 764289

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

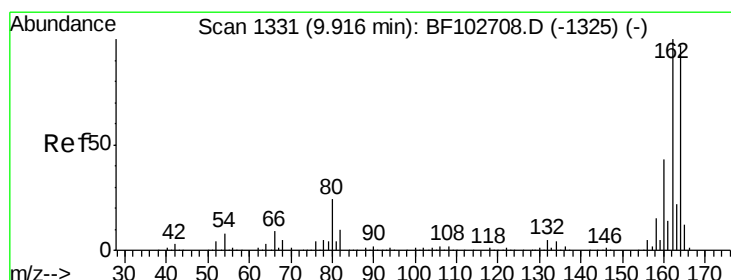
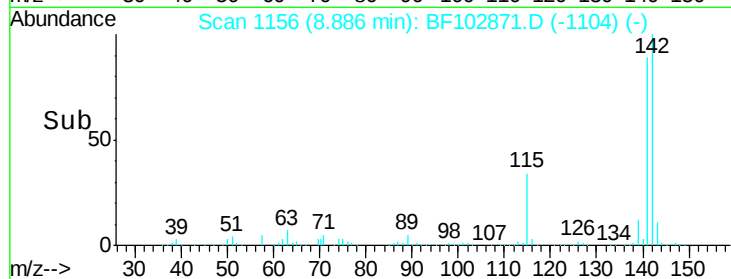
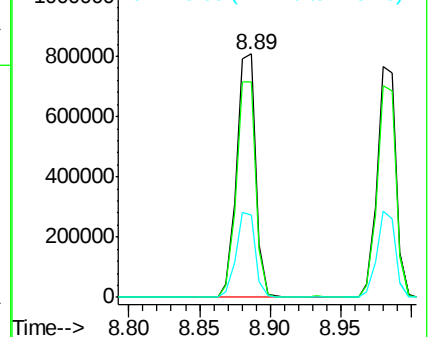
115 33.8 26.1 39.1



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: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

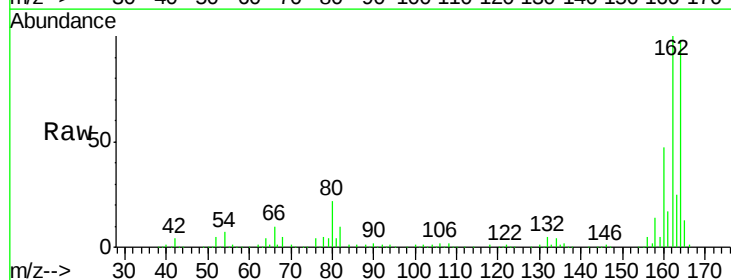
Tgt Ion:164 Resp: 258328

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

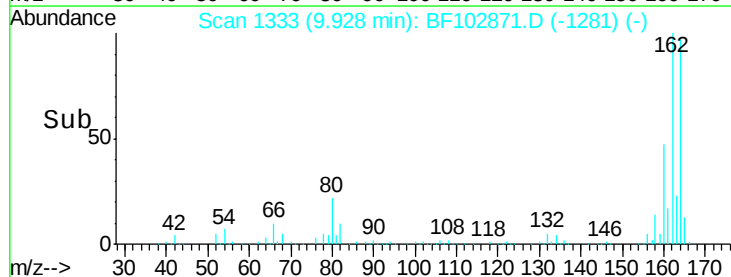
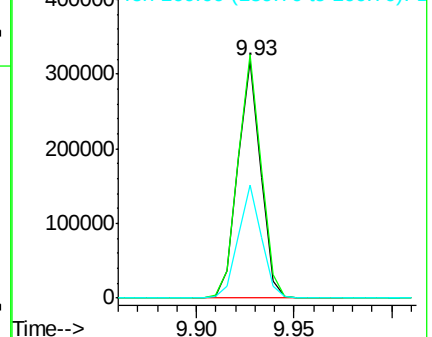
160 47.8 38.3 57.5

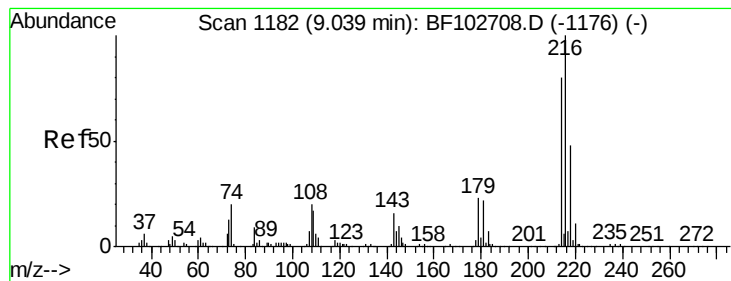


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.85 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 301426

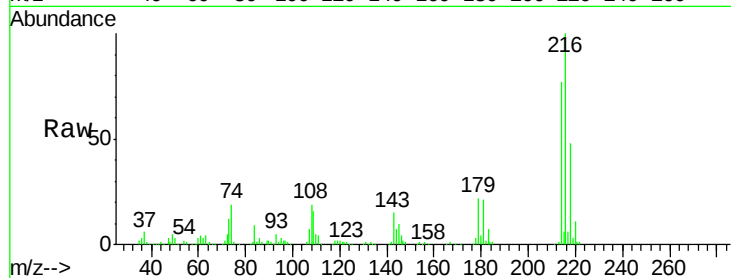
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 23.6 18.1 27.1

108 22.4 17.2 25.8

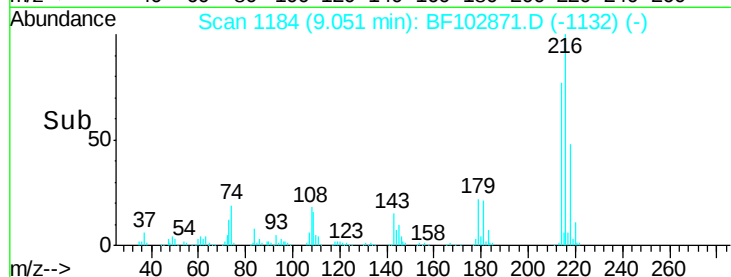


Abundance Ion 216.00 (215.70 to 216.70): E

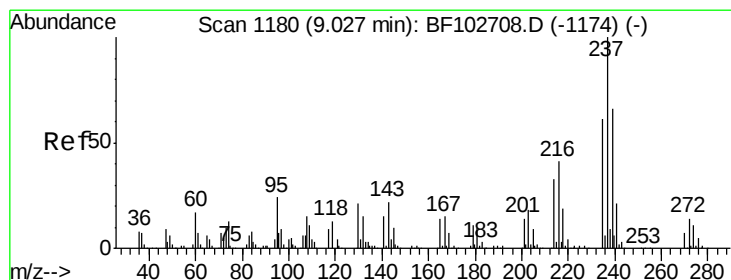
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 2.52 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

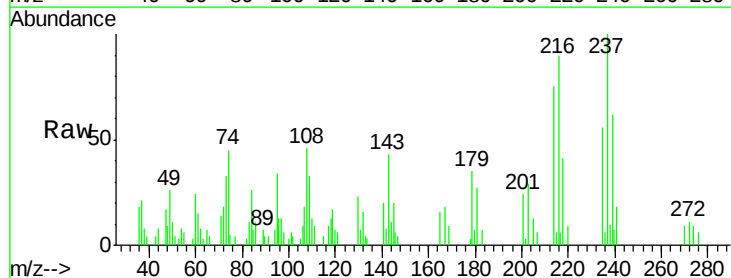
Tgt Ion:237 Resp: 8411

Ion Ratio Lower Upper

237 100

235 55.9 44.8 84.8

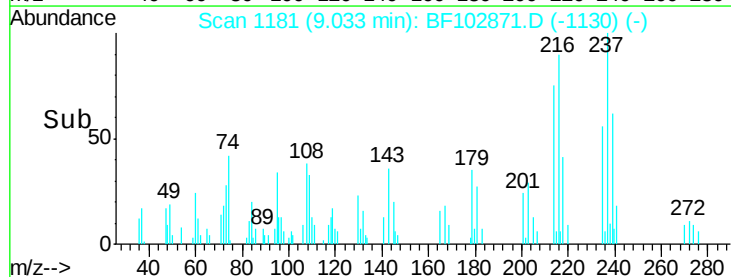
272 11.0 0.0 33.3



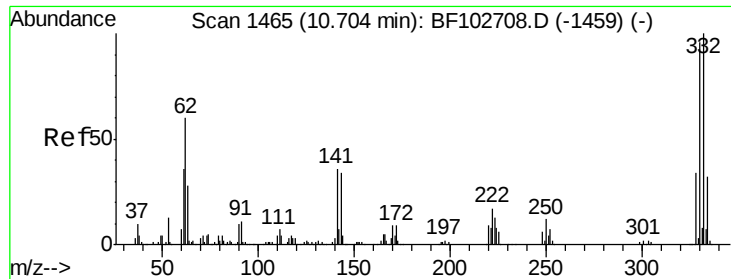
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



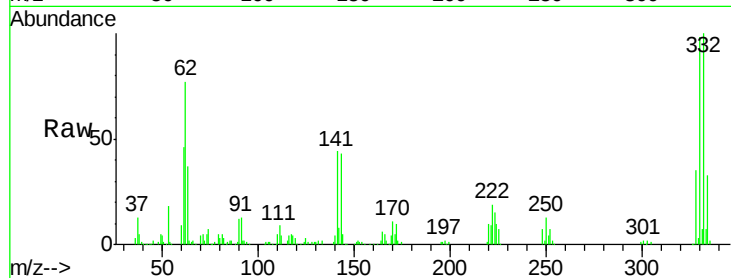
Time-->



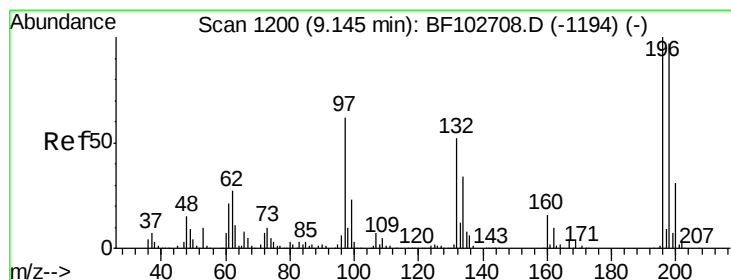
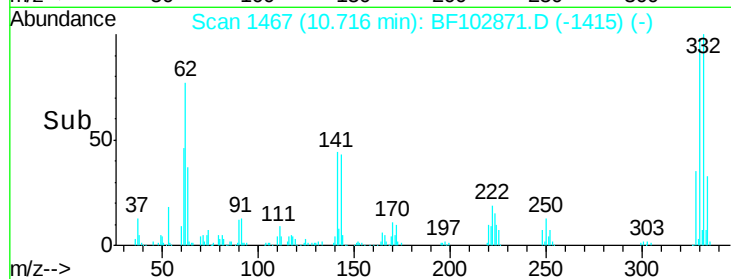
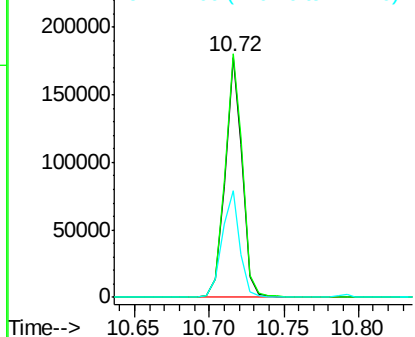
#41
 2,4,6-Tribromophenol
 Concen: 69.75 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 145028
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 45.3 29.9 44.9#

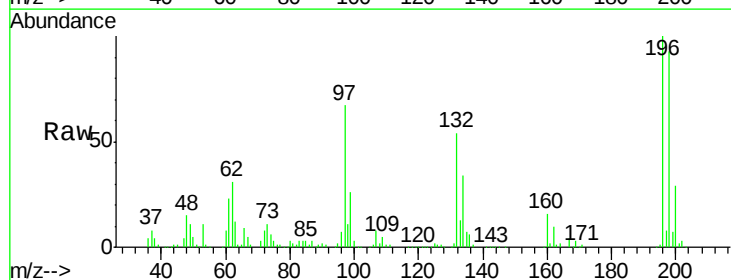


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

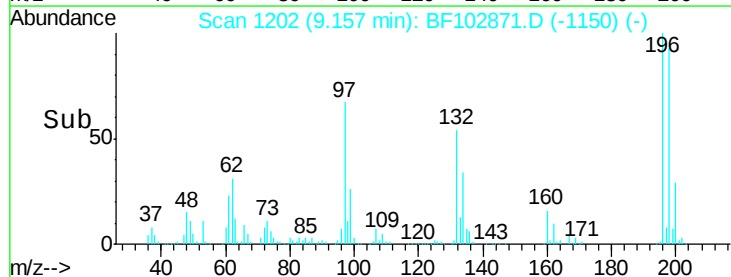
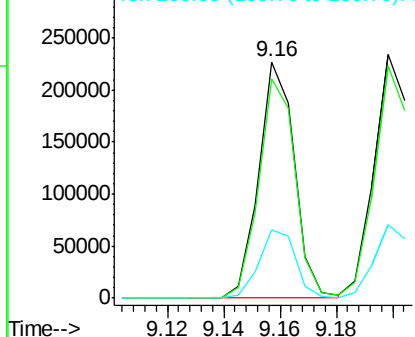


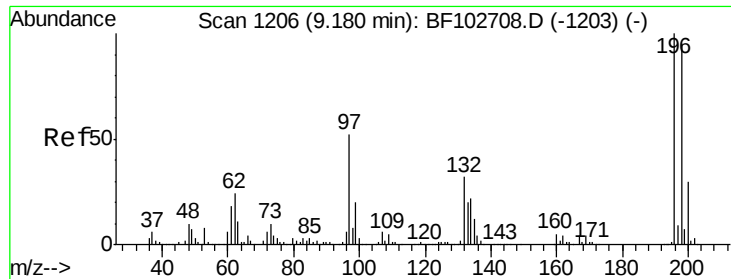
#42
 2,4,6-Trichlorophenol
 Concen: 42.93 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion:196 Resp: 198319
 Ion Ratio Lower Upper
 196 100
 198 92.9 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

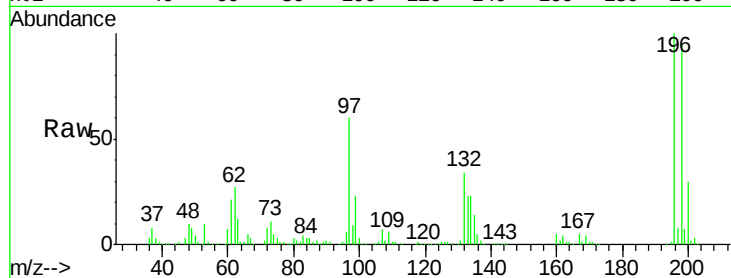




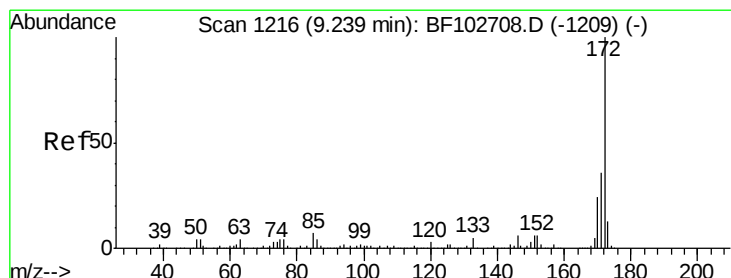
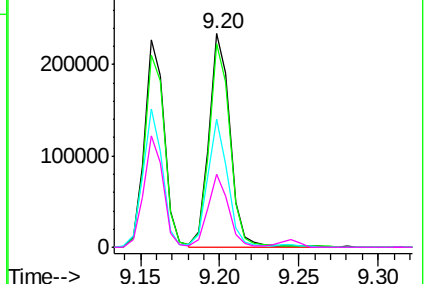
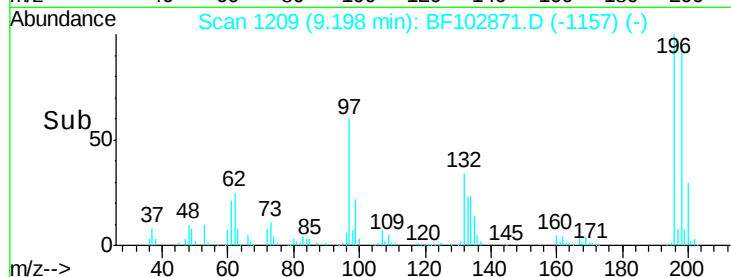
#43
 2,4,5-Trichlorophenol
 Concen: 41.70 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 217165
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 60.2 42.9 64.3
 132 34.2 26.3 39.5

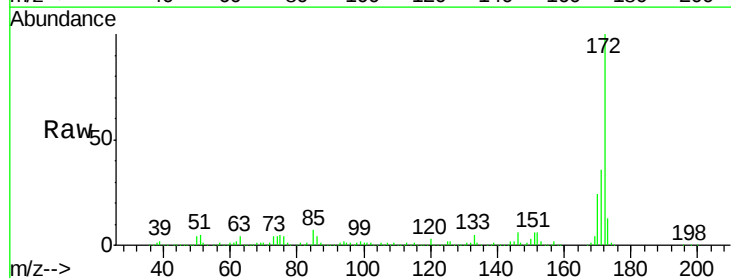


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

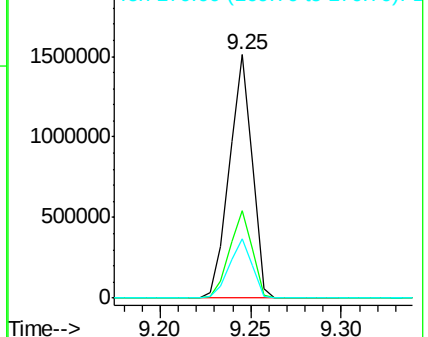
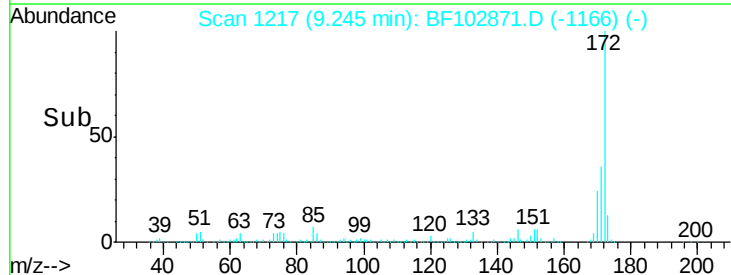


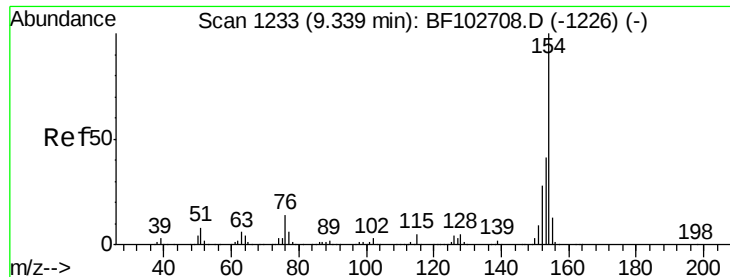
#44
 2-Fluorobiphenyl
 Concen: 85.20 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion:172 Resp: 1326377
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 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

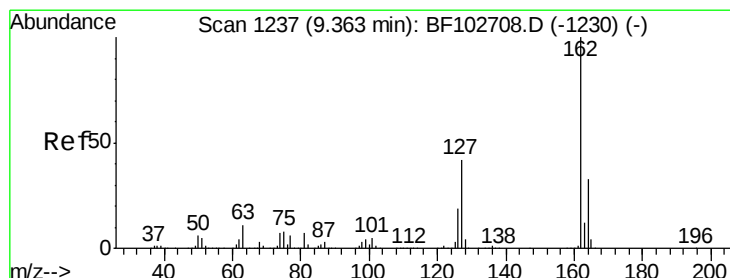
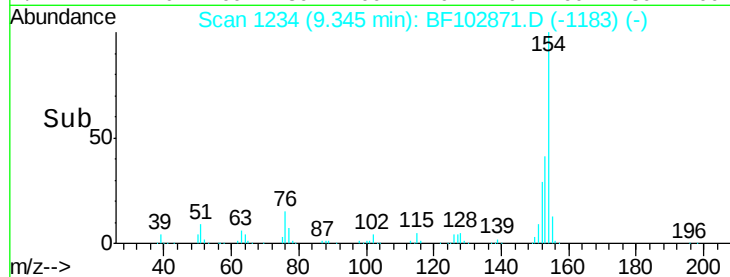
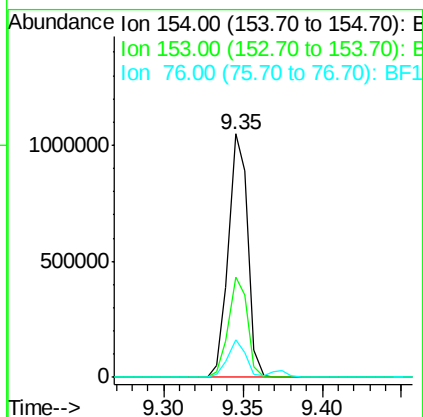
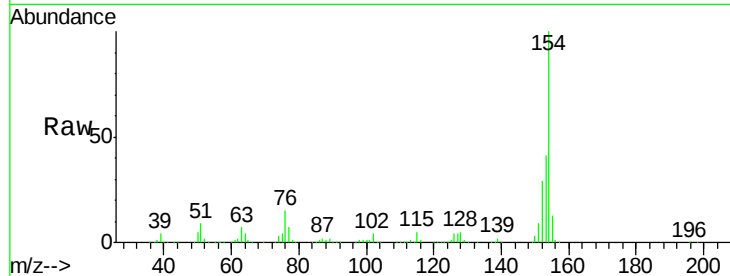




#45
 1,1'-Biphenyl
 Concen: 40.79 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

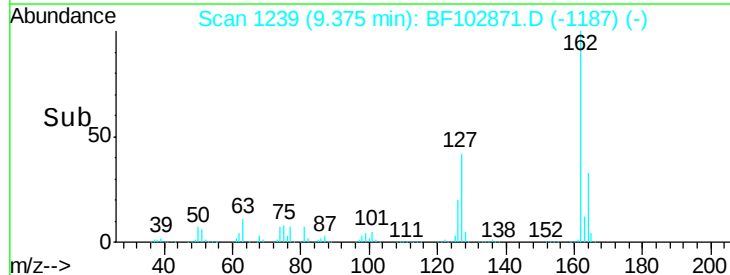
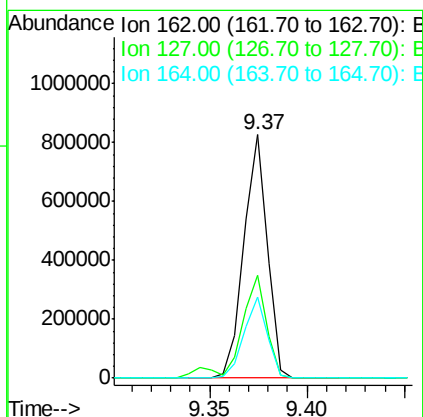
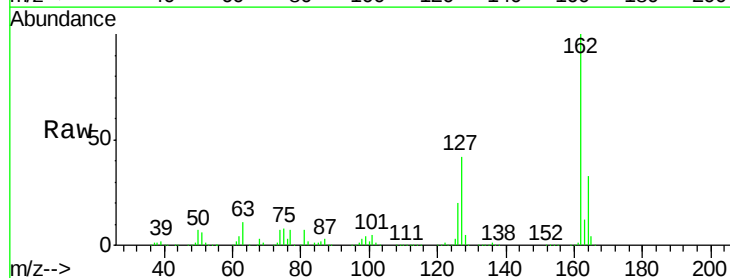
Instrument :
 BNA_F
 ClientSampleId :

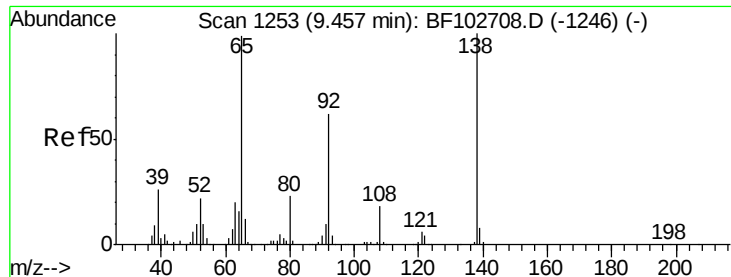
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	15.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 40.24 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.9	50.9
164	33.5	26.5	39.7





#47

2-Nitroaniline

Concen: 52.34 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

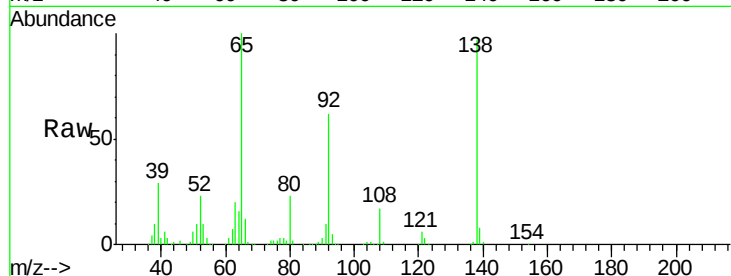
Tot Ion: 65 Resp: 278427

Ion Ratio Lower Upper

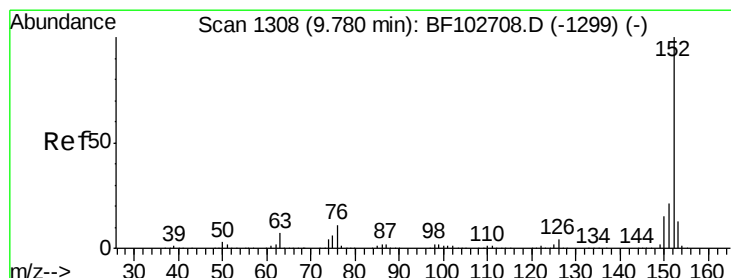
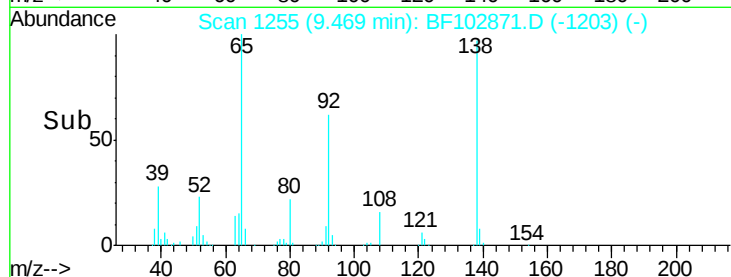
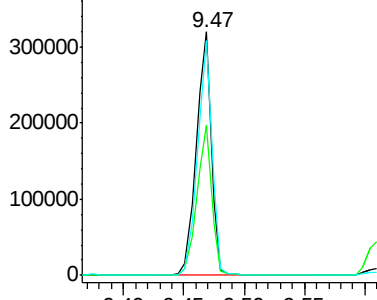
65 100

92 61.8 55.8 83.6

138 96.6 91.2 136.8



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



#48

Acenaphthylene

Concen: 39.03 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

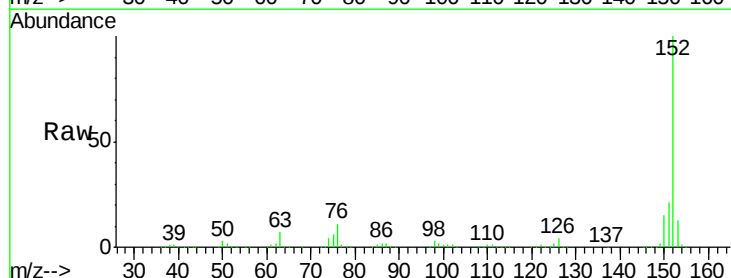
Tgt Ion: 152 Resp: 1038284

Ion Ratio Lower Upper

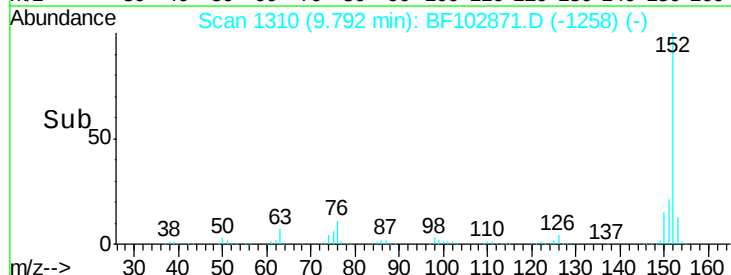
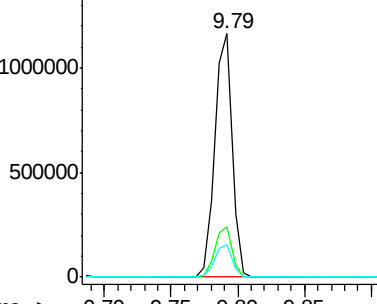
152 100

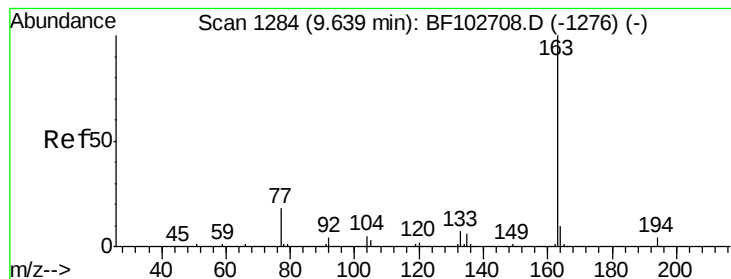
151 20.8 16.3 24.5

153 13.2 10.7 16.1



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





#49

Dimethylphthalate

Concen: 41.37 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

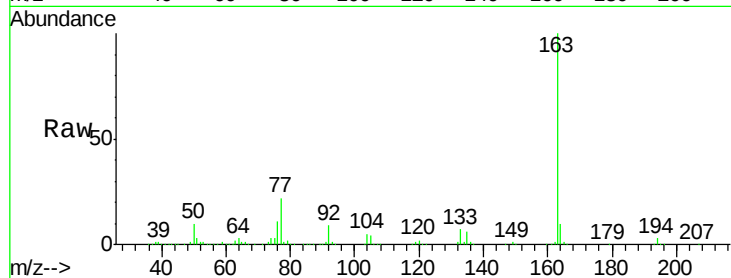
Tot Ion:163 Resp: 833324

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

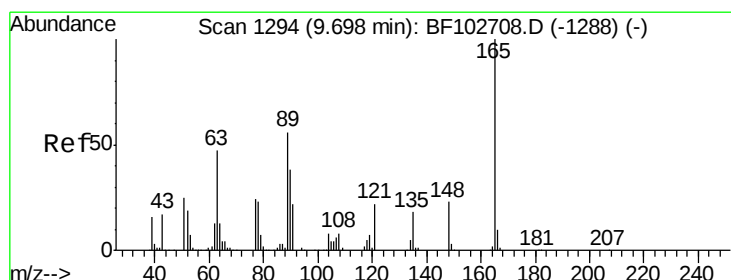
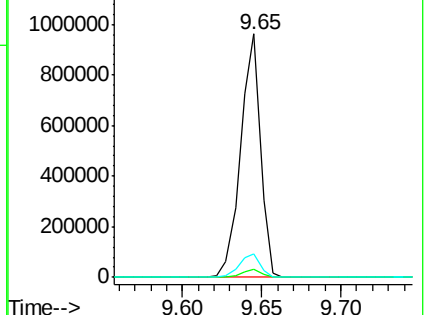
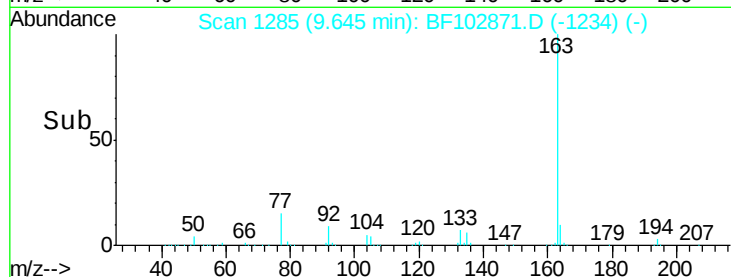
164 9.7 8.2 12.2



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: 41.76 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

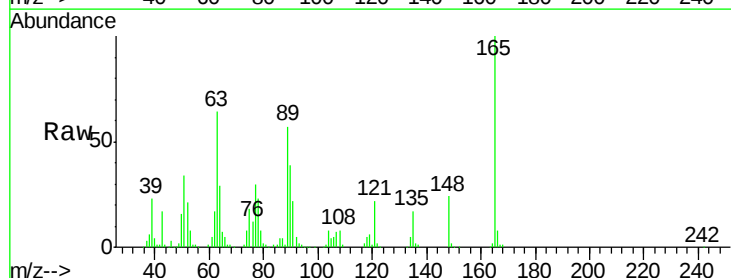
Tgt Ion:165 Resp: 160034

Ion Ratio Lower Upper

165 100

63 64.2 44.7 67.1

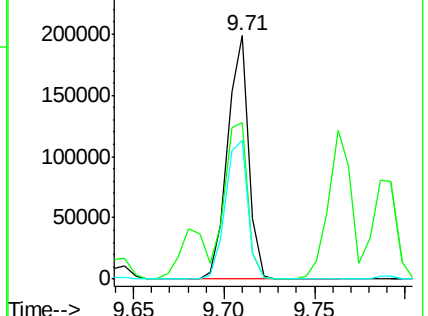
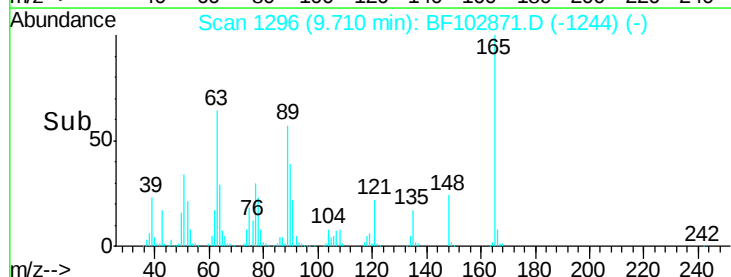
89 57.2 44.0 66.0

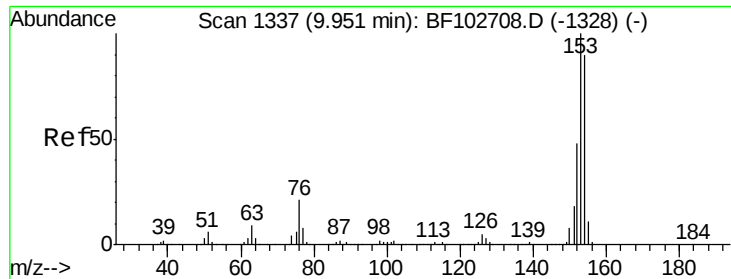


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.25 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

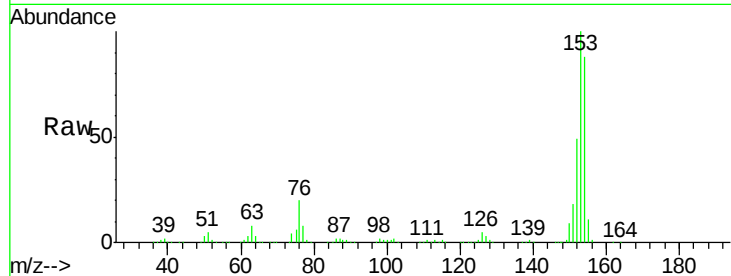
Tot Ion:154 Resp: 592695

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

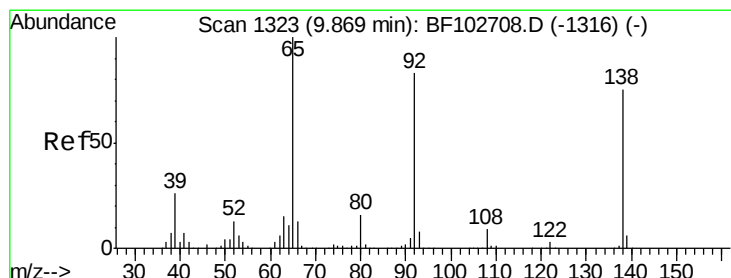
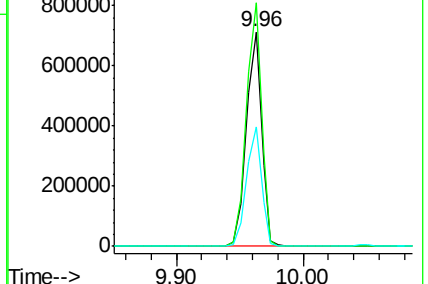
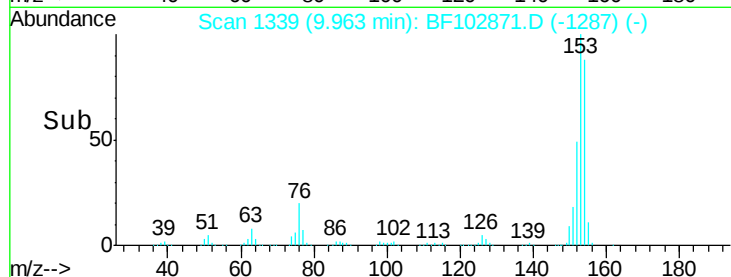
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.35 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

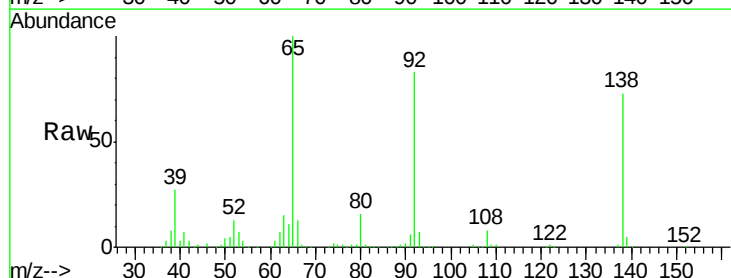
Tgt Ion:138 Resp: 218555

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

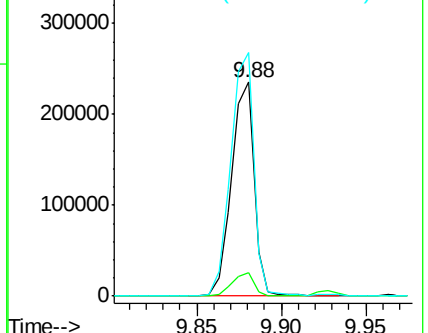
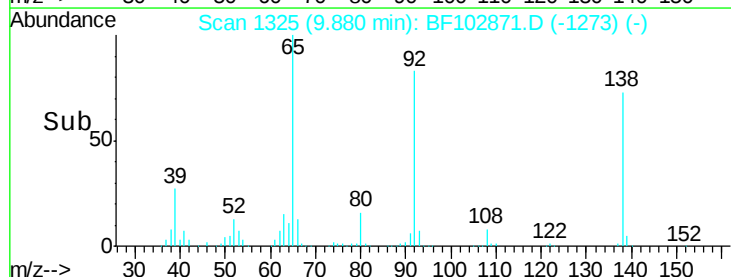
92 114.0 89.4 134.2

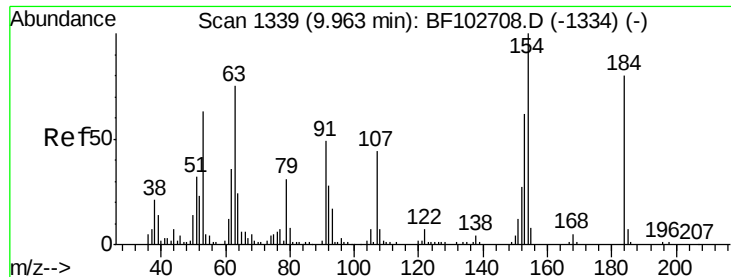


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

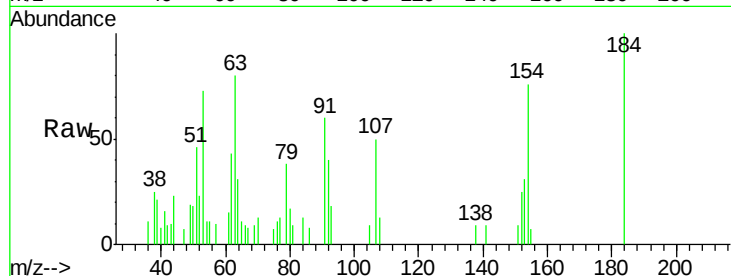




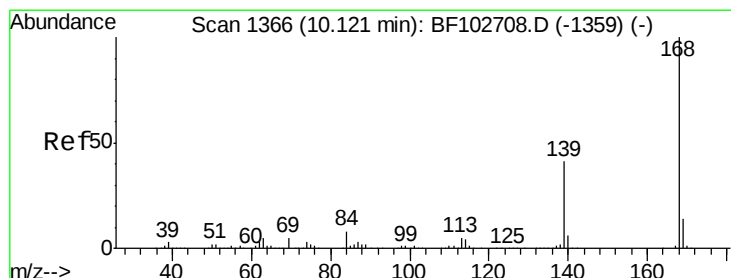
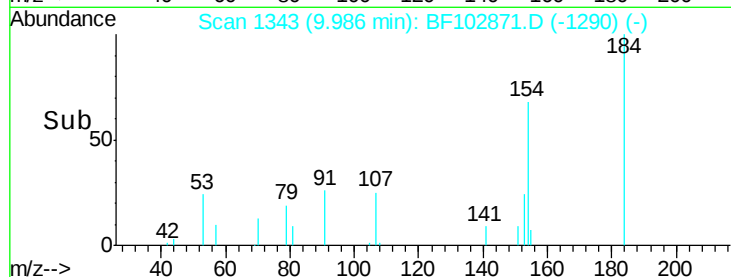
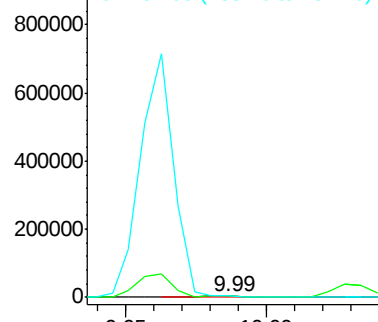
#53
 2,4-Dinitrophenol
 Concen: 13.45 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 3946
 Ion Ratio Lower Upper
 184 100
 63 80.2 54.2 81.2
 154 75.9 184.0 276.0#

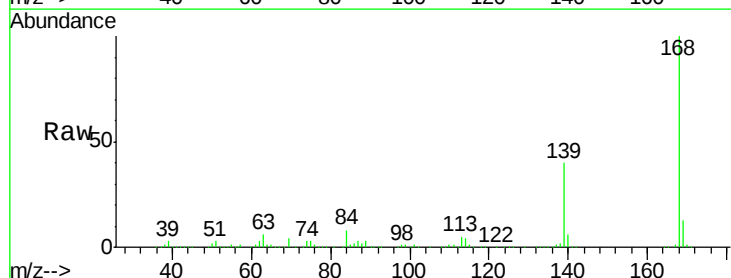


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

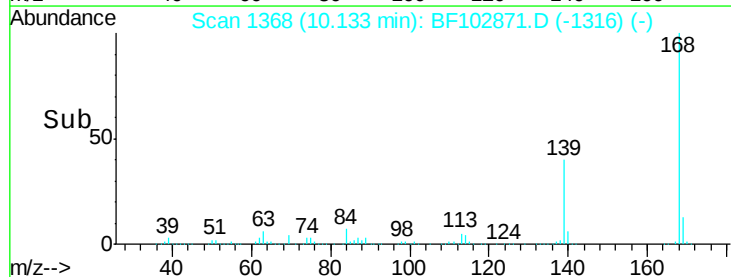
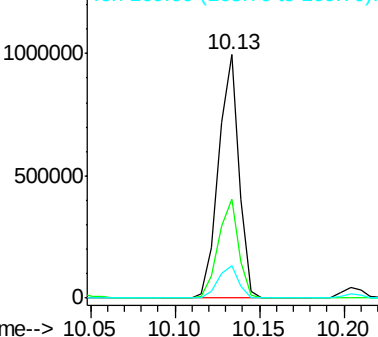


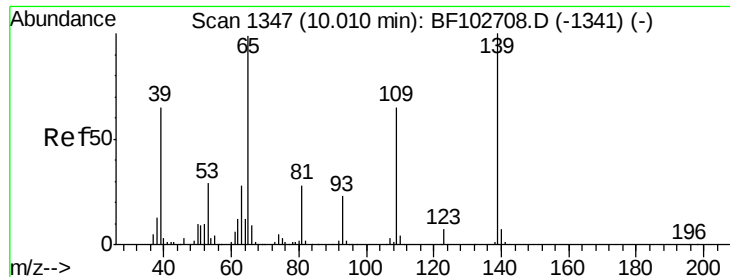
#54
 Dibenzofuran
 Concen: 37.53 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion:168 Resp: 841530
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 13.3 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

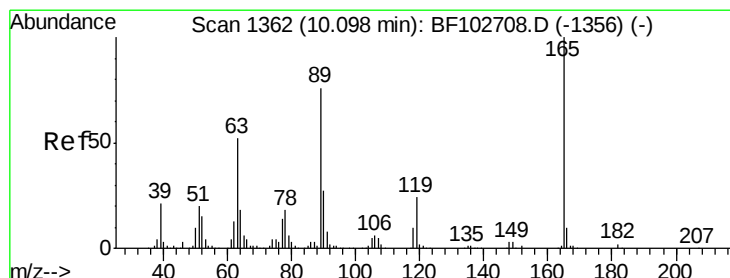
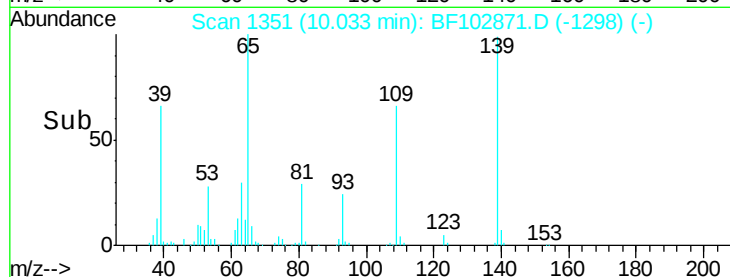
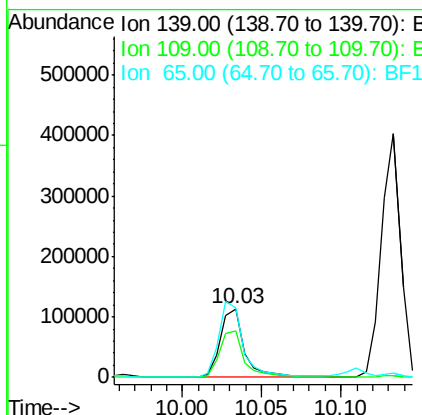
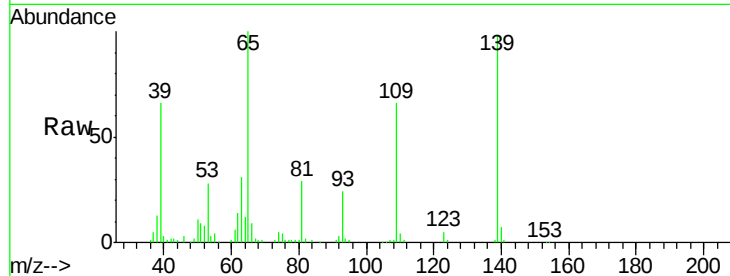




#55
4-Nitrophenol
Concen: 33.50 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

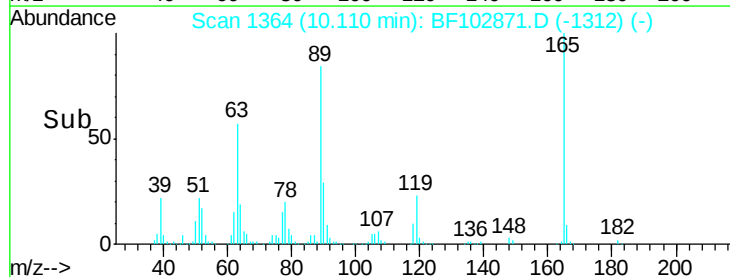
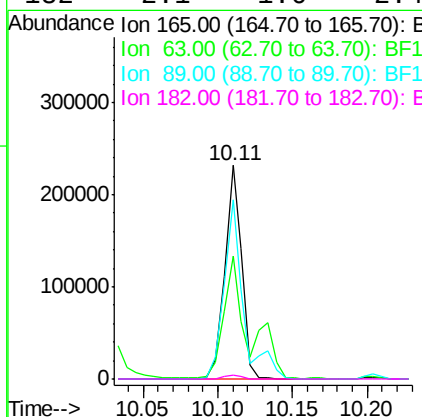
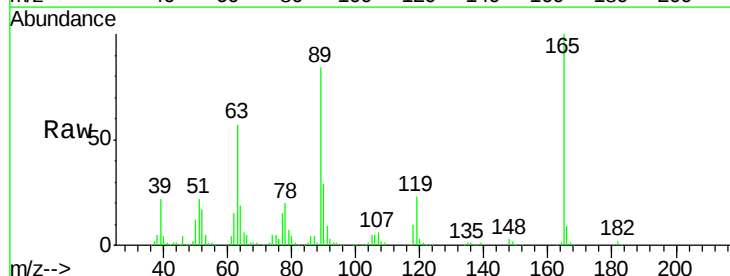
Instrument :
BNA_F
ClientSampleId :

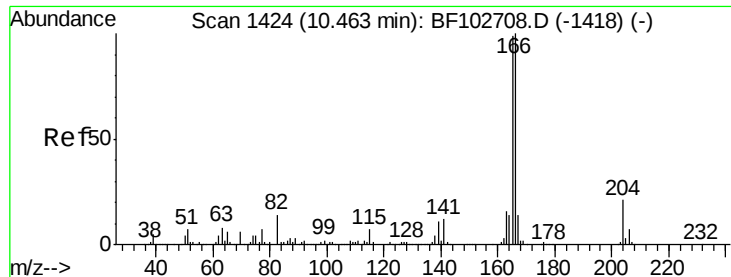
Tot Ion:139 Resp: 120277
Ion Ratio Lower Upper
139 100
109 67.1 48.4 88.4
65 101.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.05 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:165 Resp: 186584
Ion Ratio Lower Upper
165 100
63 57.4 36.4 54.6#
89 84.0 57.8 86.6
182 2.1 1.6 2.4

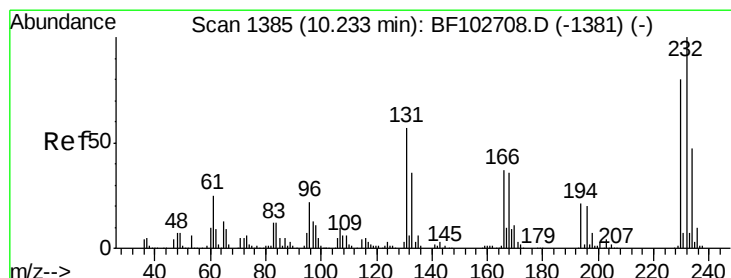
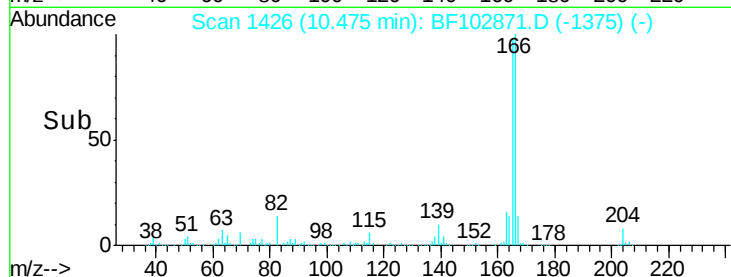
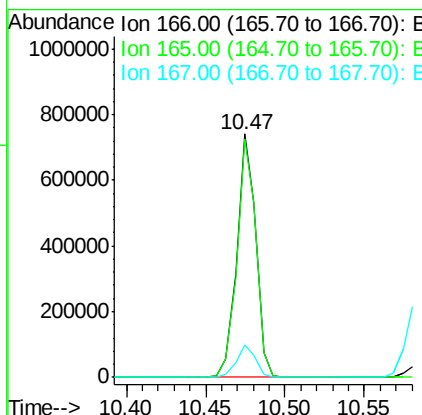
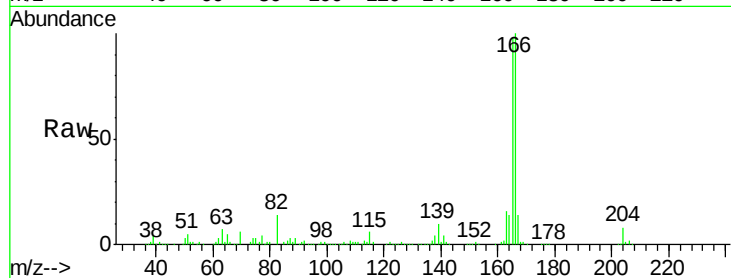




#57
 Fluorene
 Concen: 37.46 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

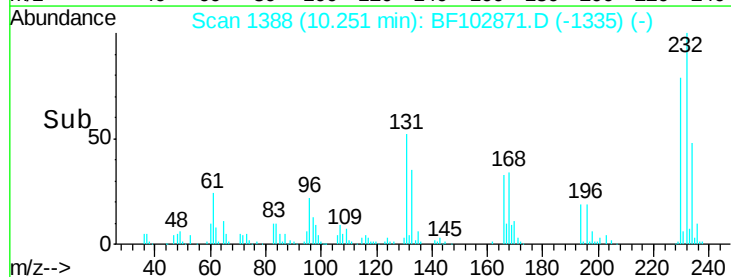
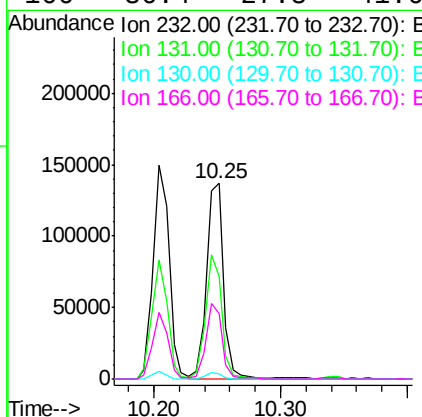
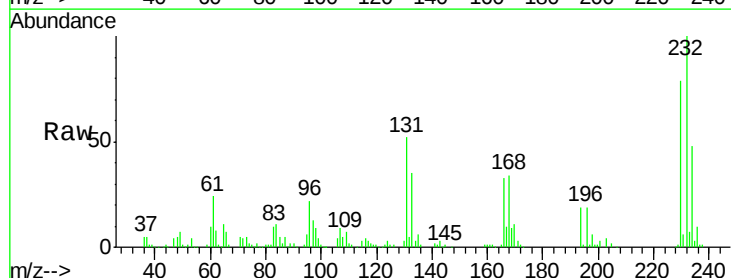
Instrument :
 BNA_F
 ClientSampled :

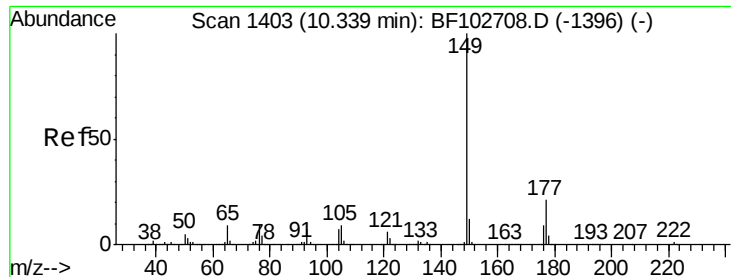
Tot Ion:166 Resp: 611058
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.01 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion:232 Resp: 129968
 Ion Ratio Lower Upper
 232 100
 131 60.2 43.8 65.8
 130 2.9 2.1 3.1
 166 36.4 27.8 41.6

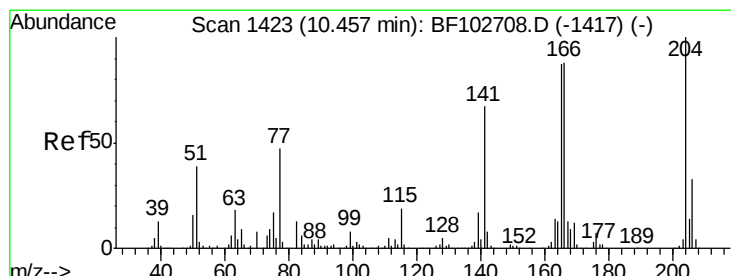
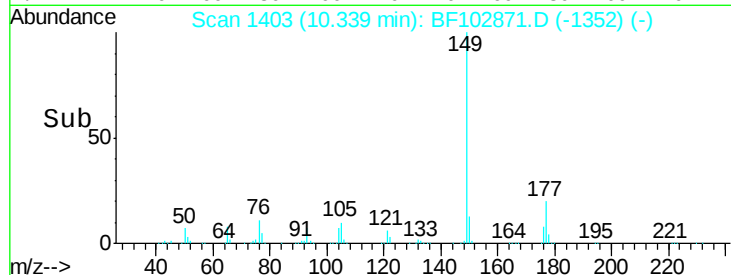
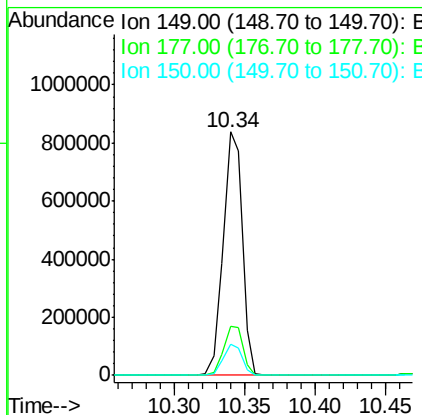
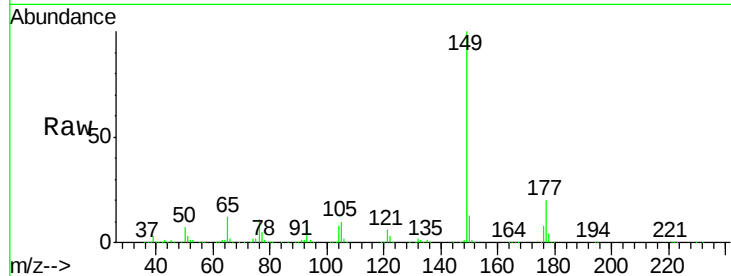




#59
Diethylphthalate
Concen: 39.66 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

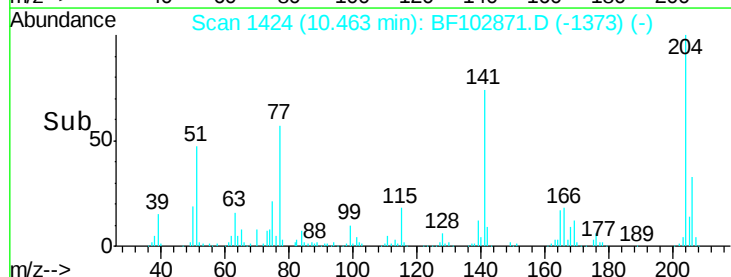
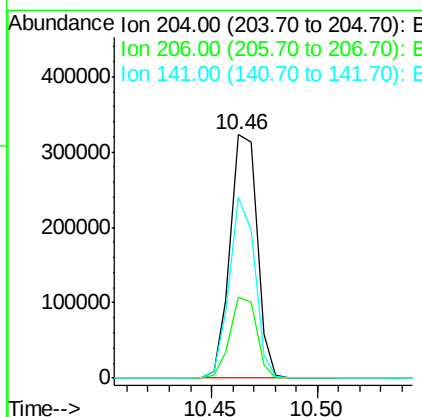
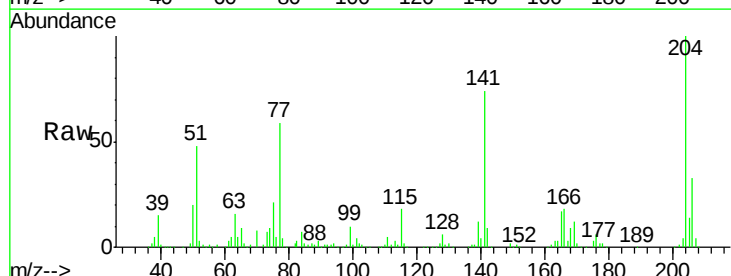
Instrument :
BNA_F
ClientSampleId :

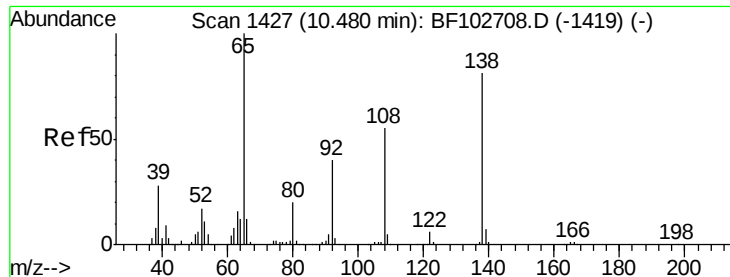
Tot Ion:149 Resp: 788830
Ion Ratio Lower Upper
149 100
177 19.9 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.73 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:204 Resp: 286729
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 74.1 54.6 81.8

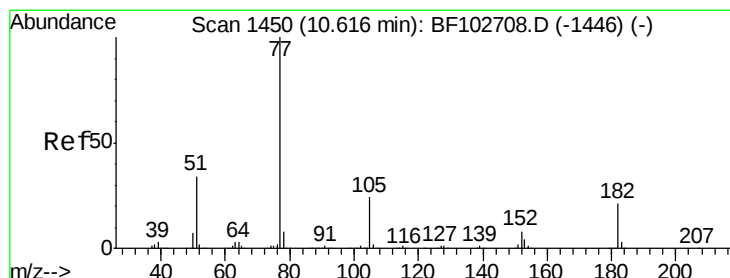
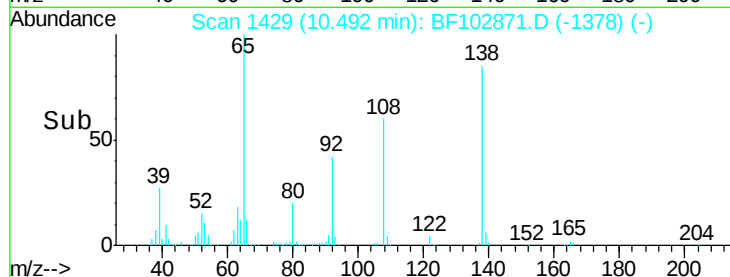
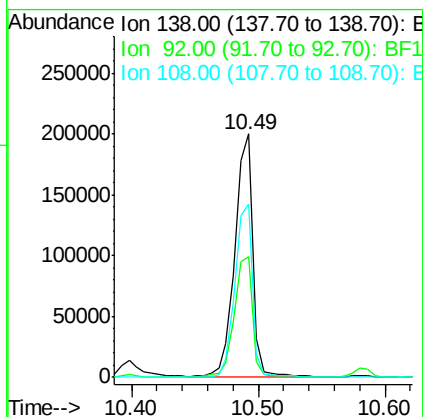
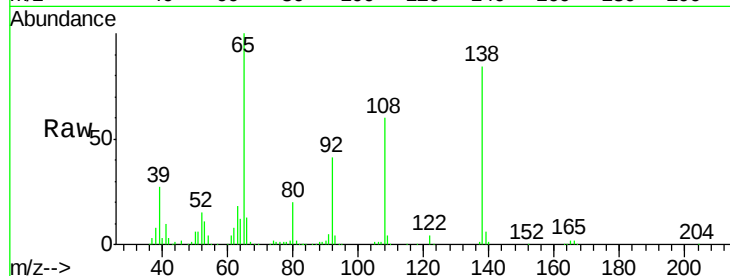




#61
4-Nitroaniline
Concen: 42.96 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

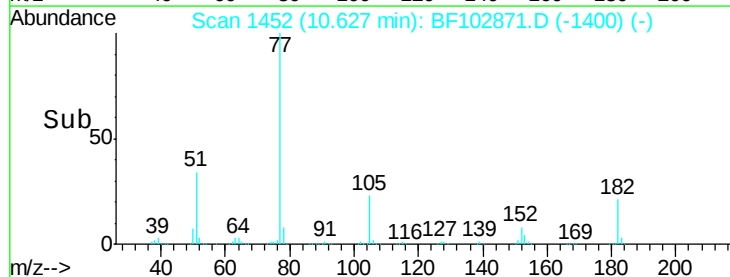
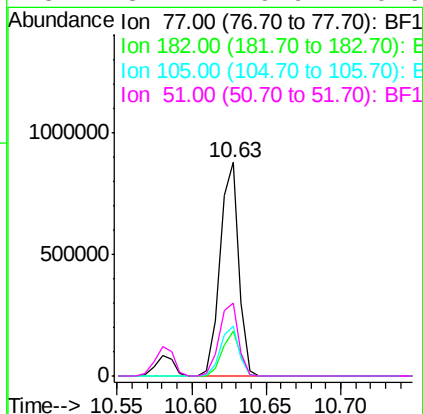
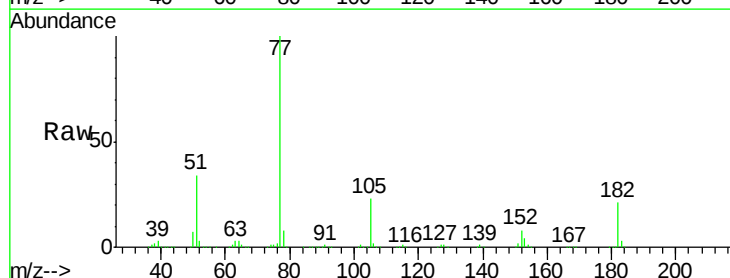
Instrument :
BNA_F
ClientSampleId :

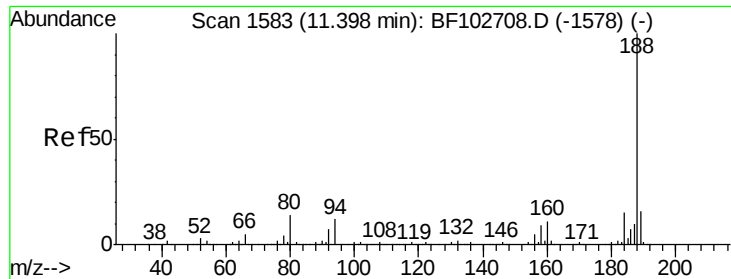
Tot Ion:138 Resp: 192824
Ion Ratio Lower Upper
138 100
92 49.3 30.2 70.2
108 71.4 52.5 92.5



#62
Azobenzene
Concen: 38.94 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion: 77 Resp: 773775
Ion Ratio Lower Upper
77 100
182 21.1 1.7 41.7
105 23.5 3.0 43.0
51 34.4 9.9 49.9

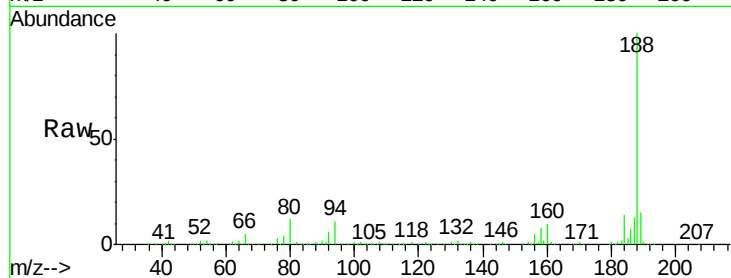




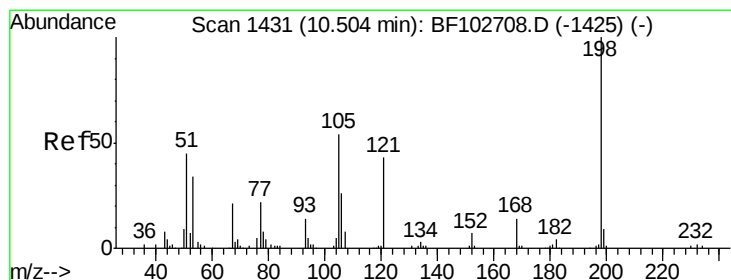
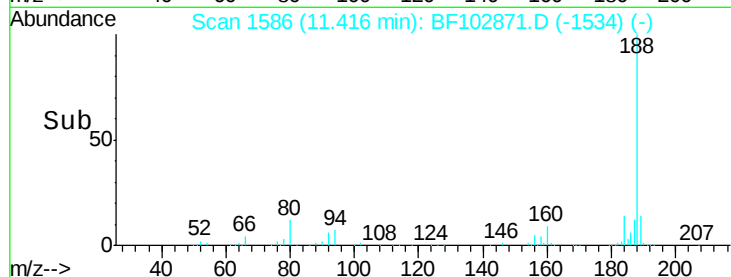
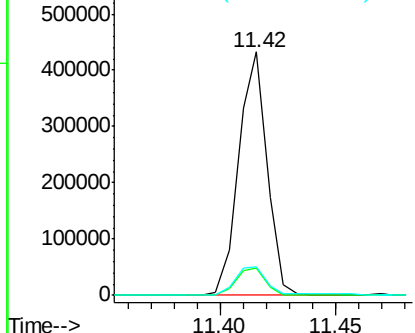
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 369745
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.0 9.2 13.8

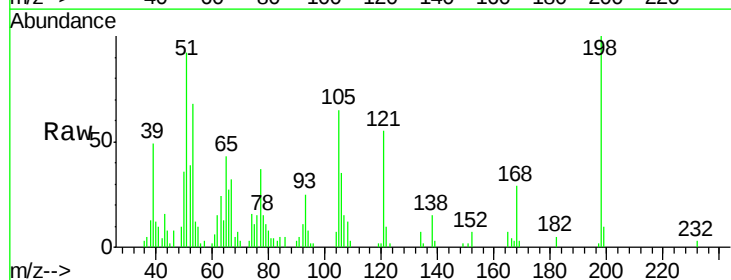


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

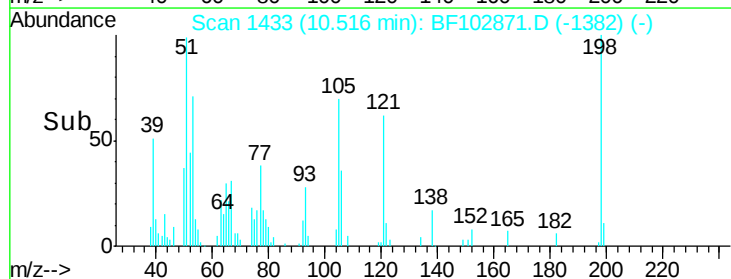
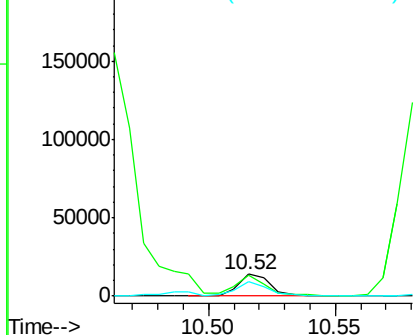


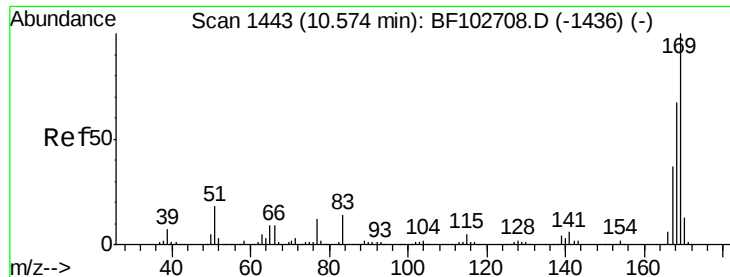
#64
4,6-Dinitro-2-methylphenol
Concen: 15.87 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:198 Resp: 12041
Ion Ratio Lower Upper
198 100
51 92.0 37.7 77.7#
105 65.1 36.3 76.3



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

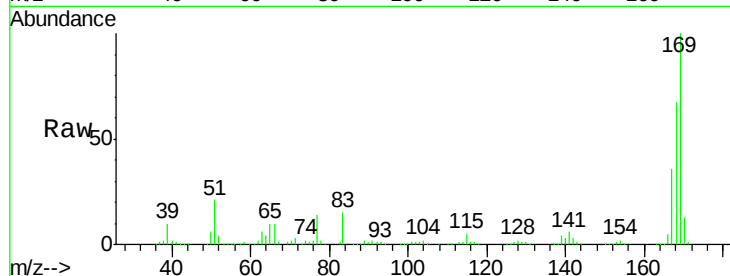




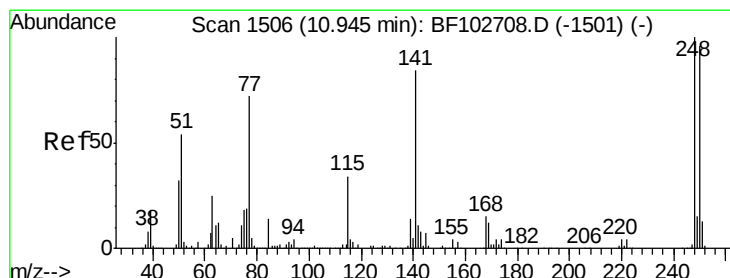
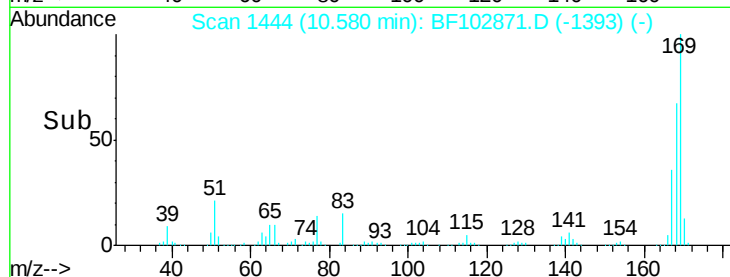
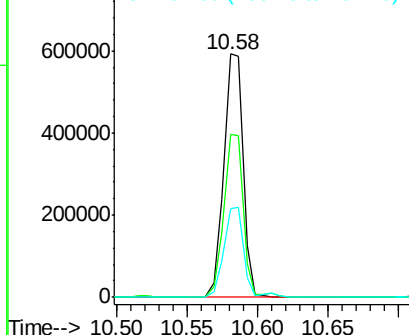
#65
 n-Nitrosodiphenylamine
 Concen: 43.16 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 562879
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 36.3 29.8 44.6

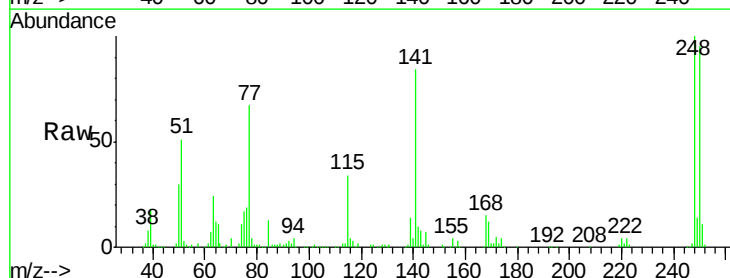


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

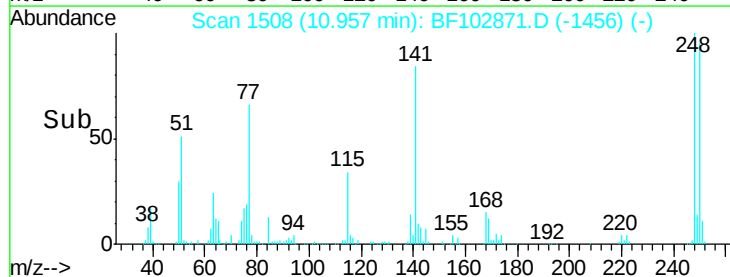
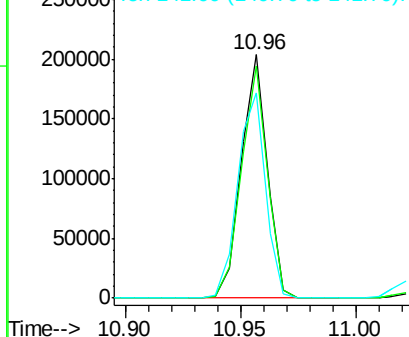


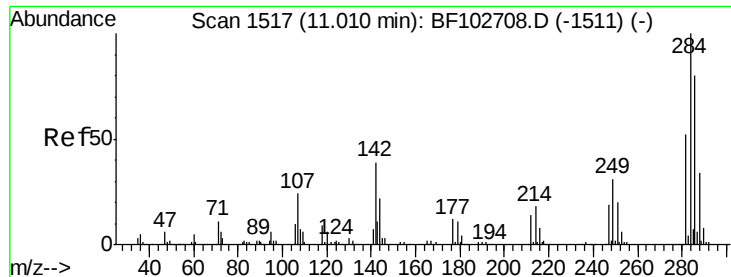
#66
 4-Bromophenyl-phenylether
 Concen: 41.08 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion:248 Resp: 160681
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.9 115.3
 141 84.2 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

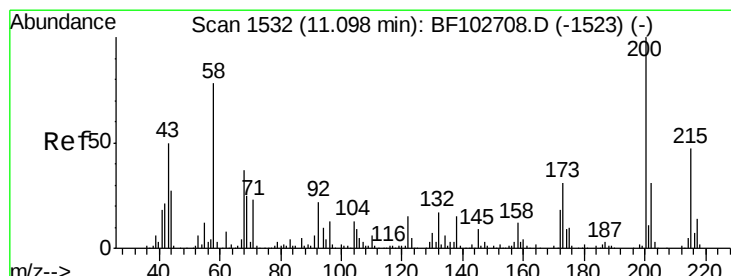
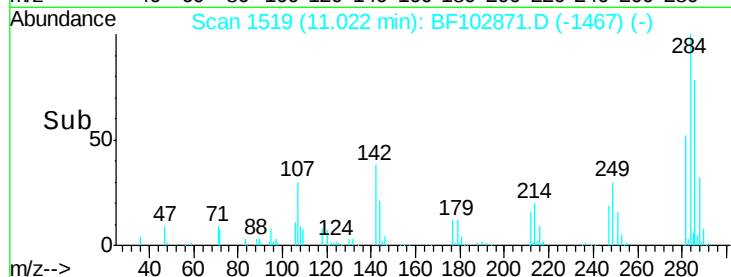
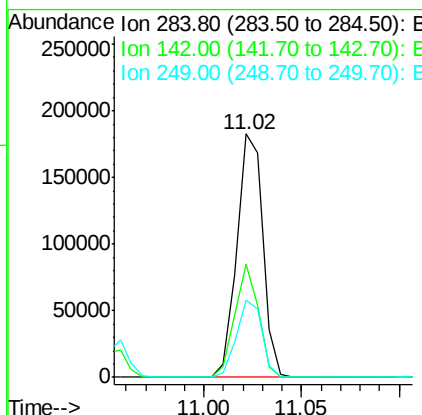
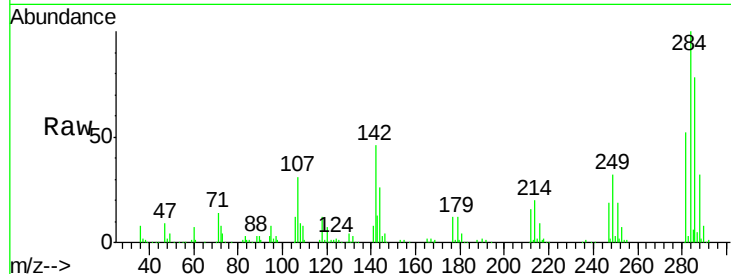




#67
Hexachlorobenzene
Concen: 38.98 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

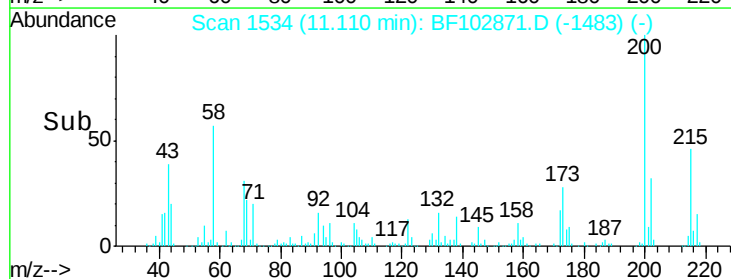
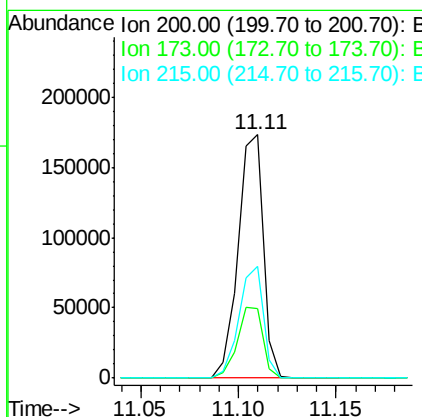
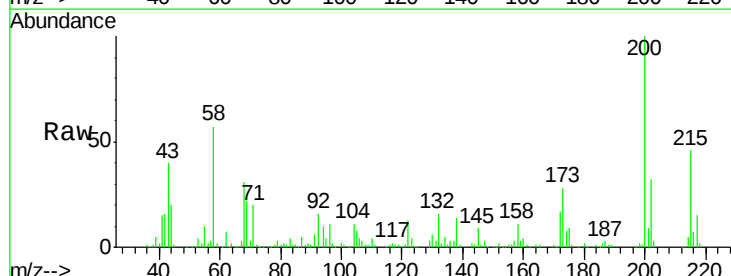
Instrument :
BNA_F
ClientSampled :

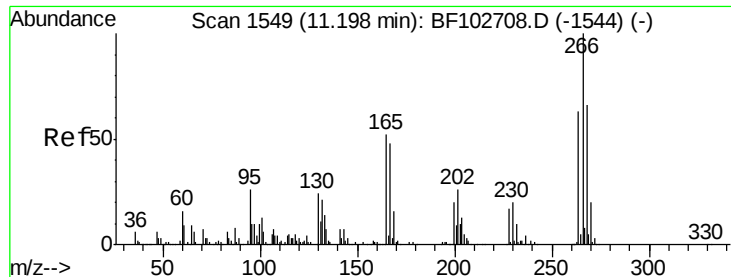
Tot Ion:284 Resp: 168211
Ion Ratio Lower Upper
284 100
142 46.4 34.6 52.0
249 31.6 24.8 37.2



#68
Atrazine
Concen: 40.36 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:200 Resp: 155294
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 46.1 25.1 65.1





#69

Pentachlorophenol

Concen: 33.30 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

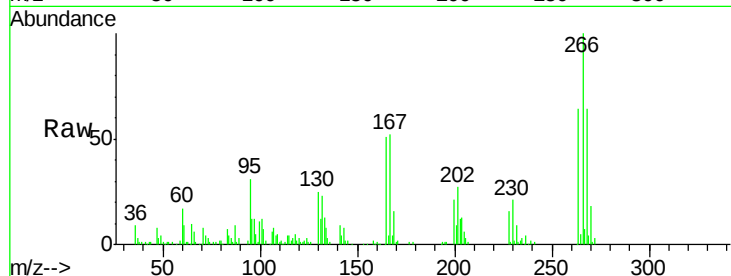
Tot Ion:266 Resp: 84349

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

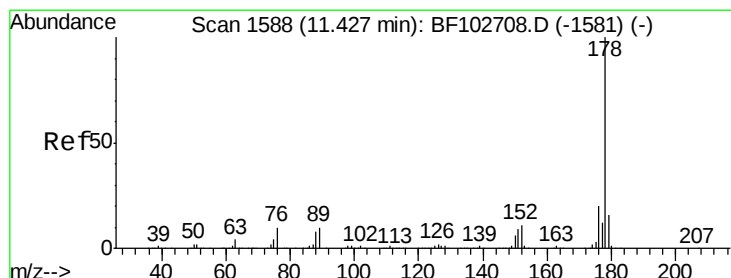
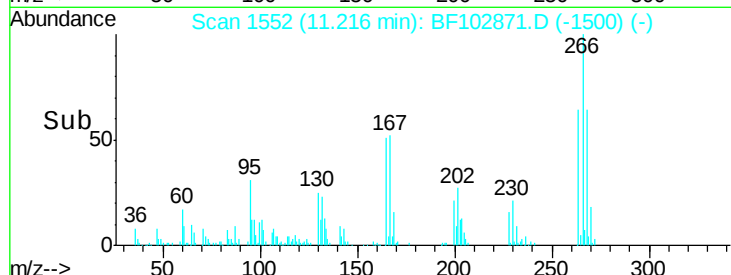
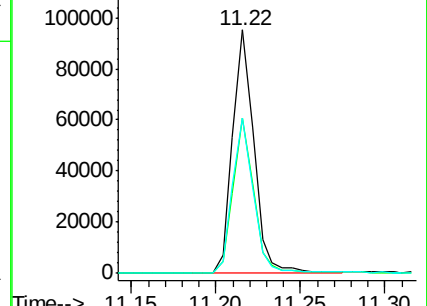
264 63.8 49.5 74.3



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: 38.17 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

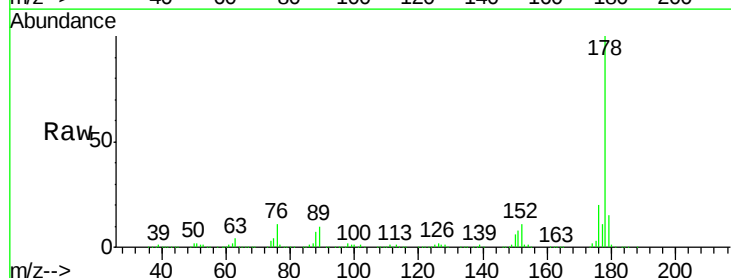
Tgt Ion:178 Resp: 786078

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

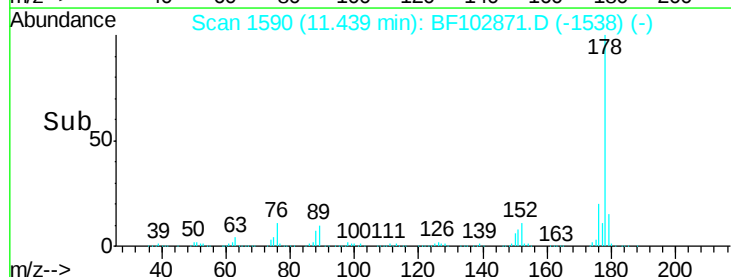
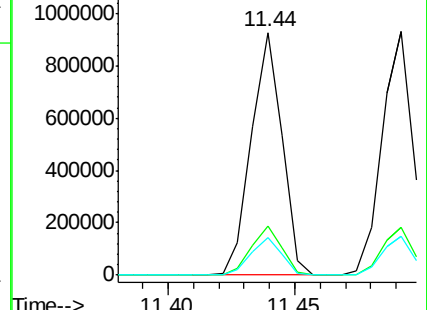
179 15.3 13.0 19.6

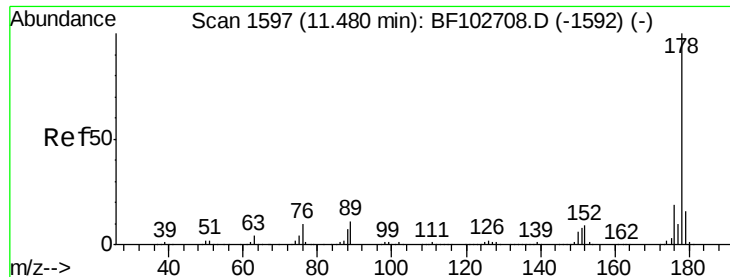


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

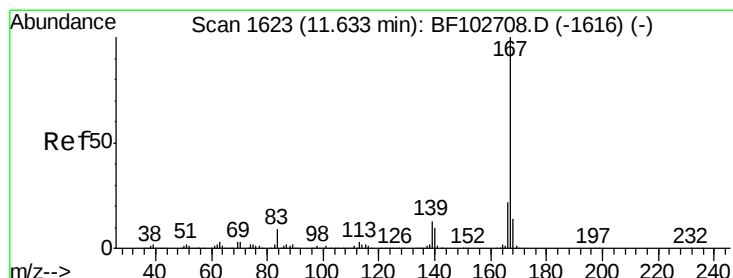
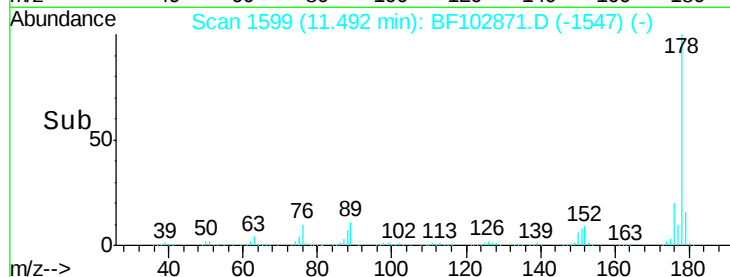
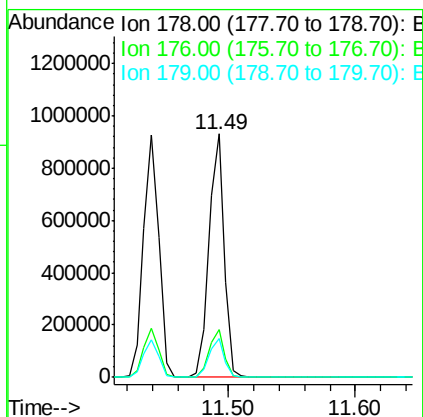
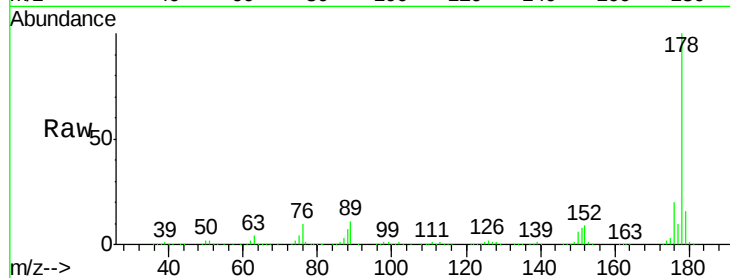




#71
 Anthracene
 Concen: 37.72 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

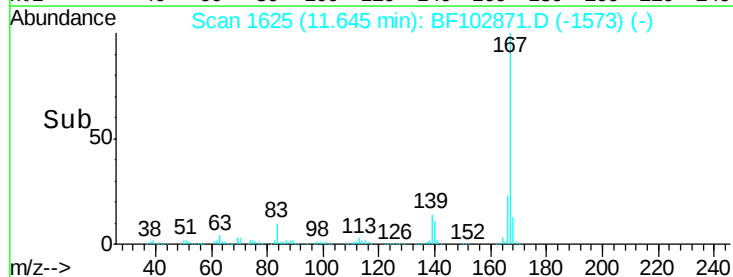
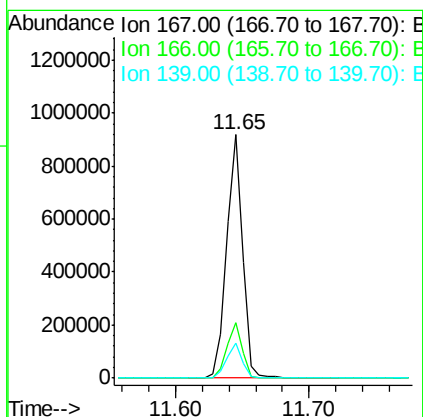
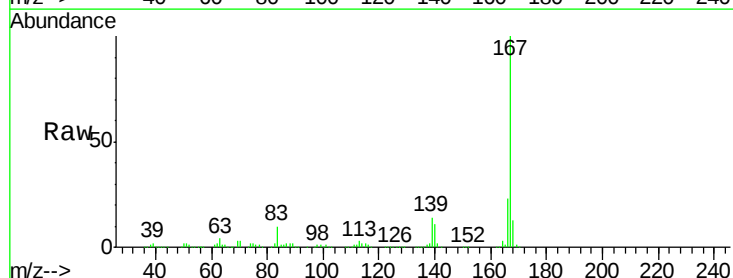
Instrument :
 BNA_F
 ClientSampleId :

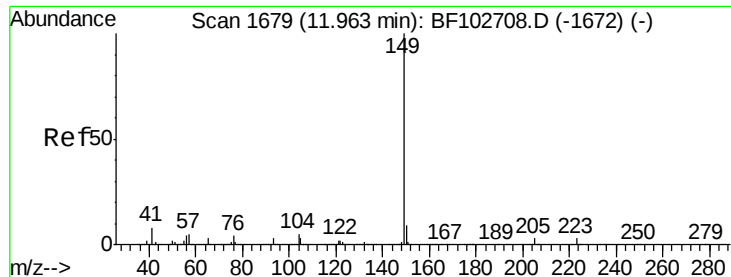
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.7	12.6	19.0



#72
 Carbazole
 Concen: 37.85 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.2	10.9	16.3

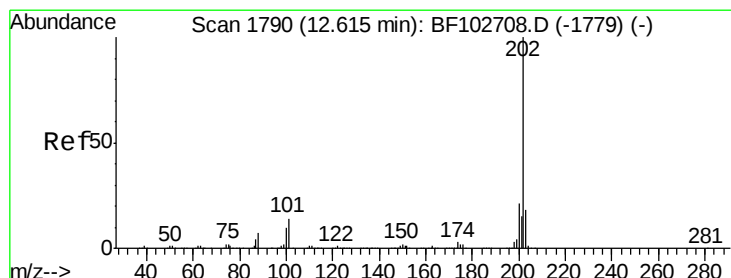
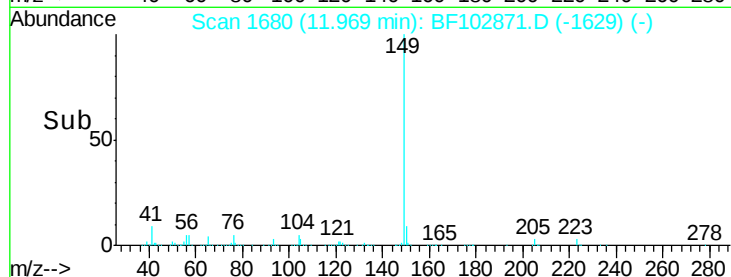
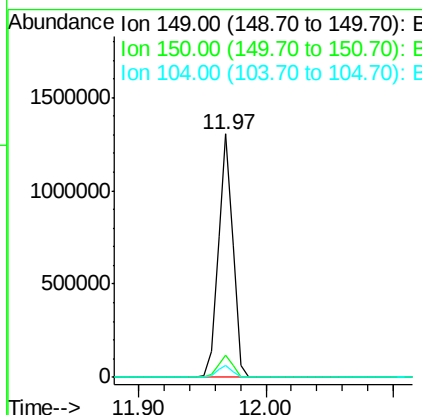
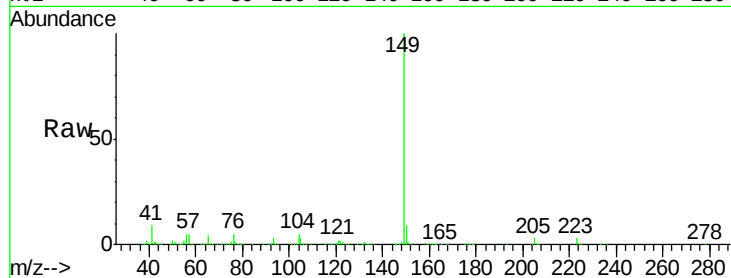




#73
Di-n-butylphthalate
Concen: 42.33 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

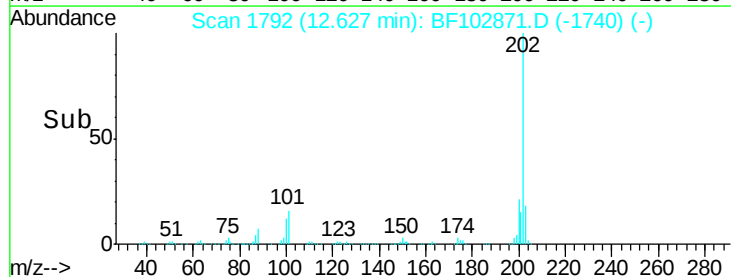
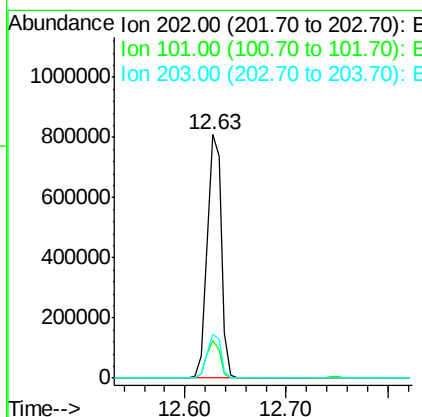
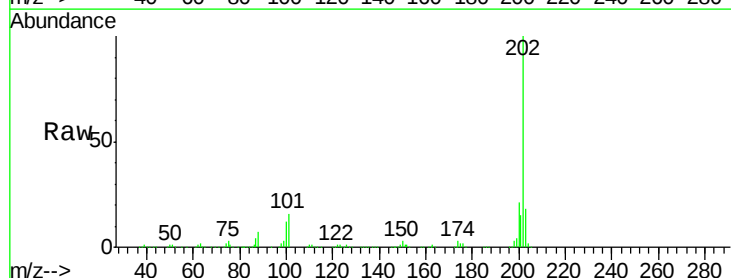
Instrument :
BNA_F
ClientSampleId :

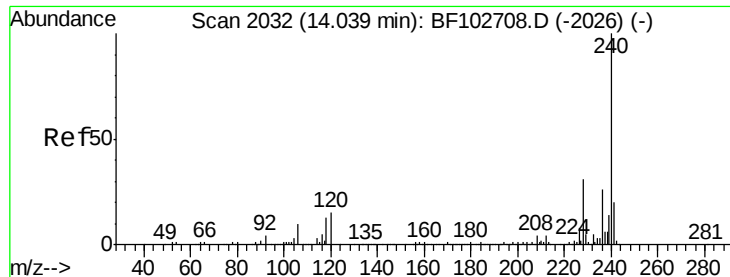
Tot Ion:149 Resp: 1055004
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 37.54 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:202 Resp: 777761
Ion Ratio Lower Upper
202 100
101 15.7 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

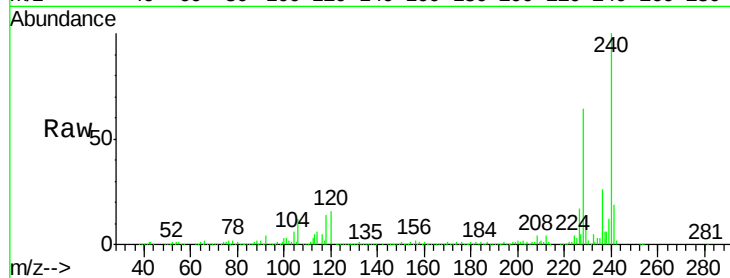
Tot Ion:240 Resp: 296126

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

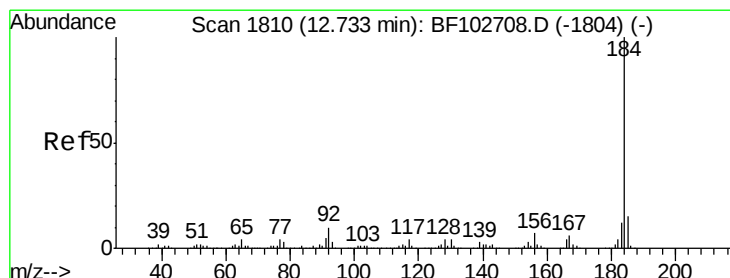
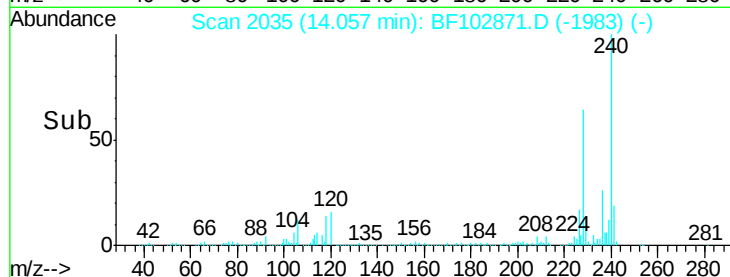
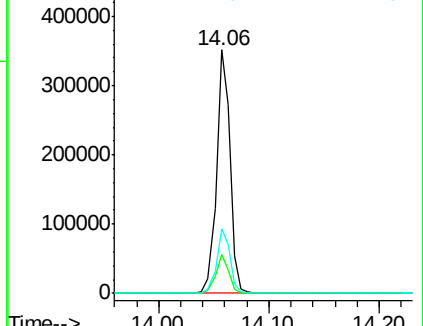
236 26.3 20.7 31.1



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: 42.65 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

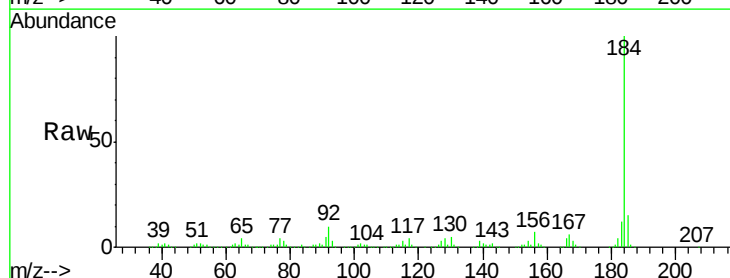
Tgt Ion:184 Resp: 580442

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

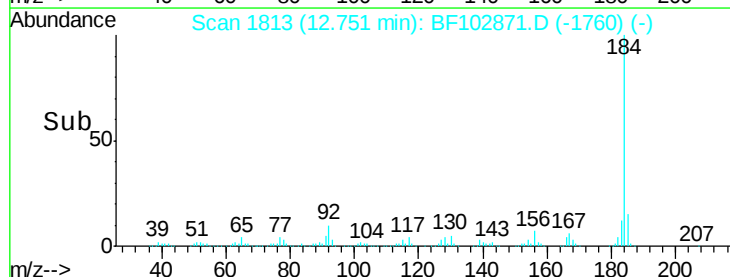
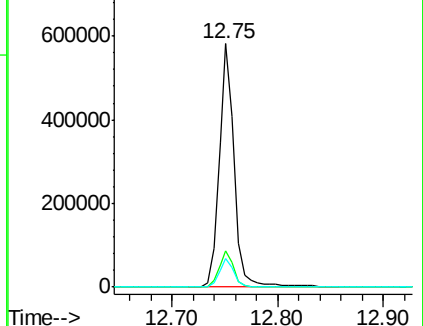
183 11.8 9.3 13.9

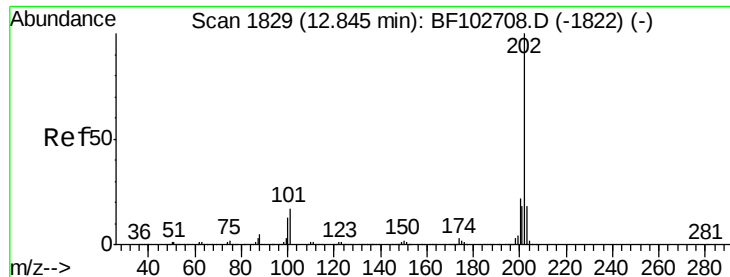


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

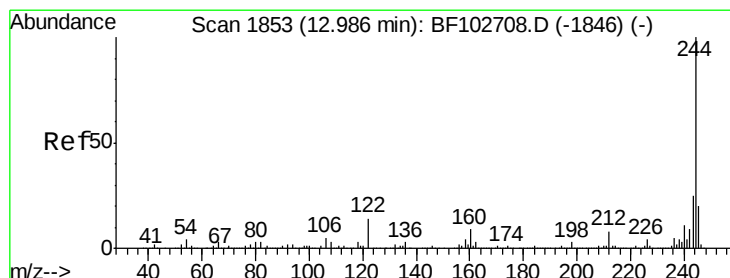
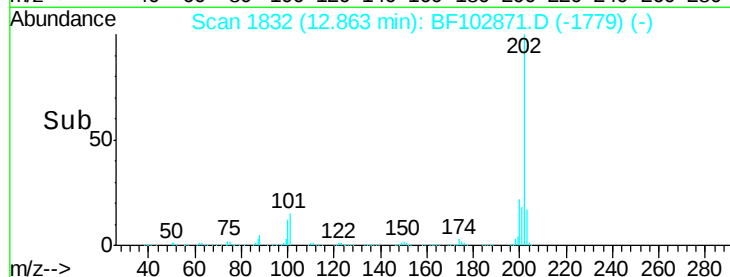
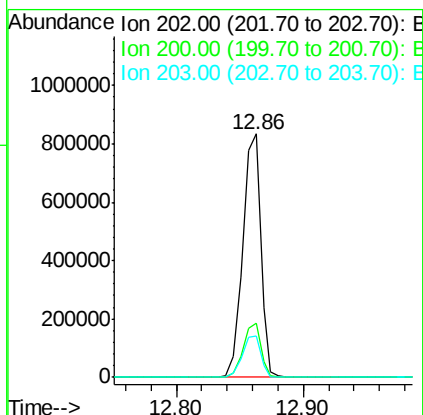
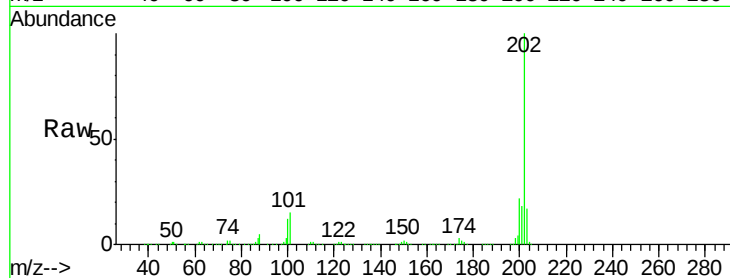




#77
Pvrene
Concen: 35.06 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

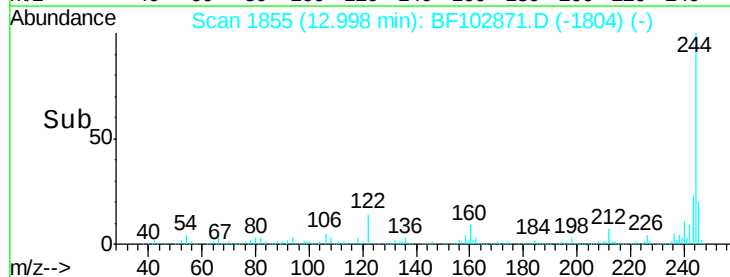
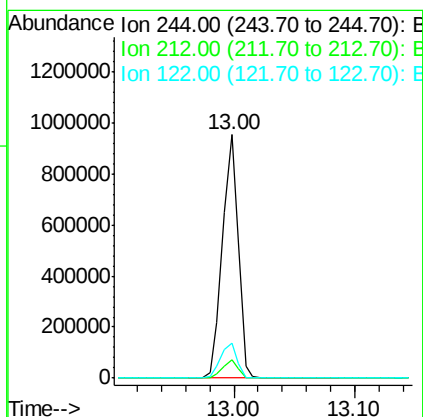
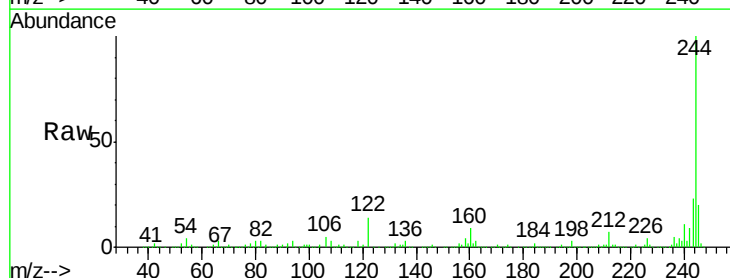
Instrument :
BNA_F
ClientSampled :

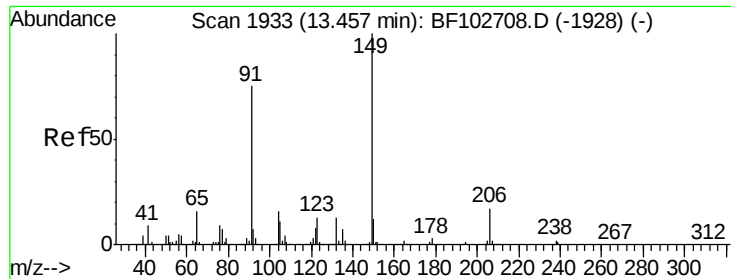
Tot Ion:202 Resp: 814026
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 68.77 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:244 Resp: 860099
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 14.3 11.0 16.4

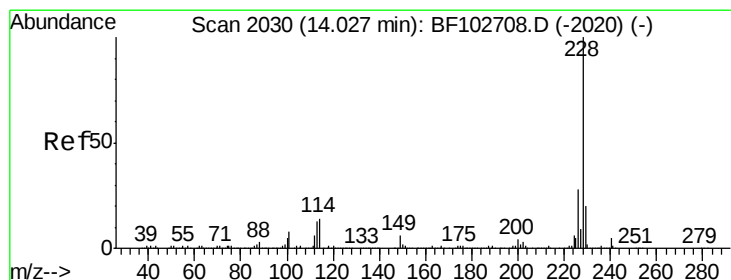
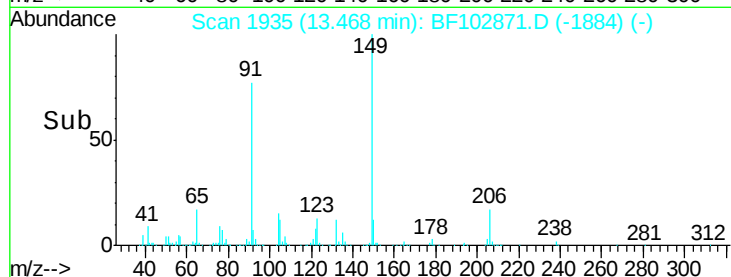
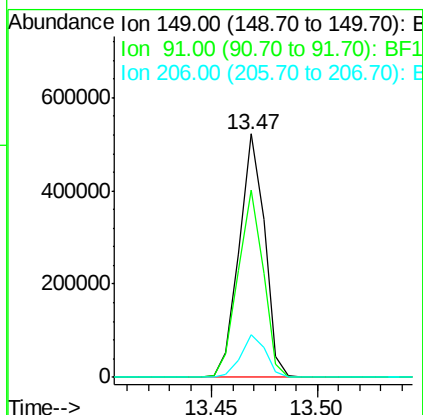
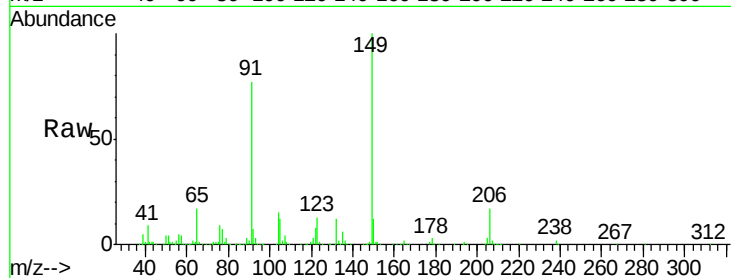




#79
Butylbenzylphthalate
Concen: 39.34 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

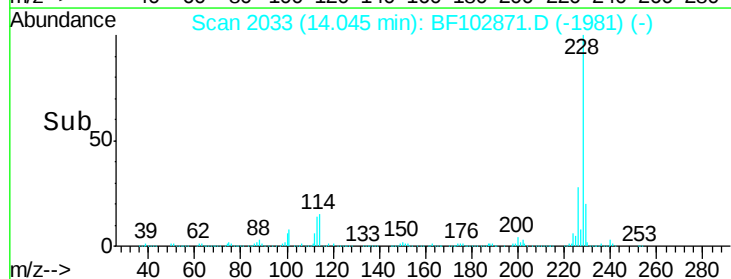
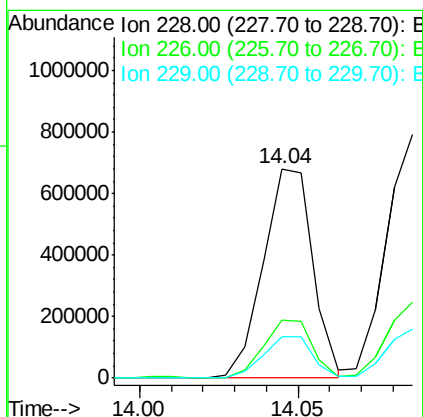
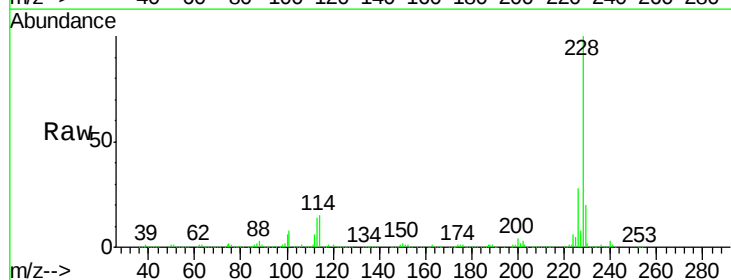
Instrument :
BNA_F
ClientSampleId :

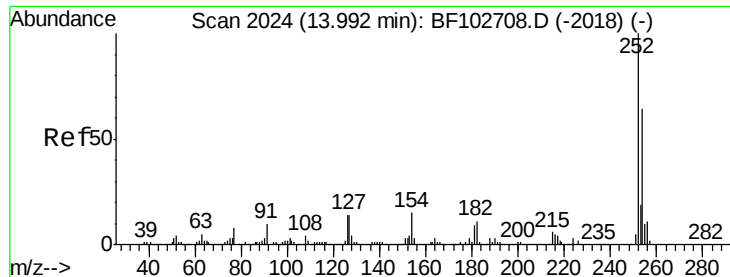
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	56.8	85.2
206	17.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.59 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 43.91 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

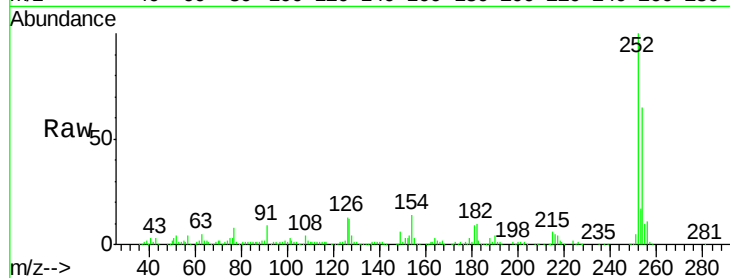
Tot Ion:252 Resp: 303238

Ion Ratio Lower Upper

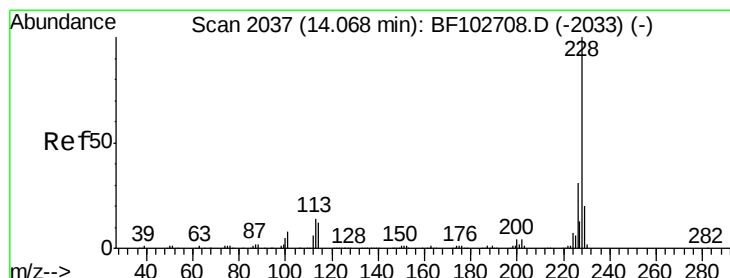
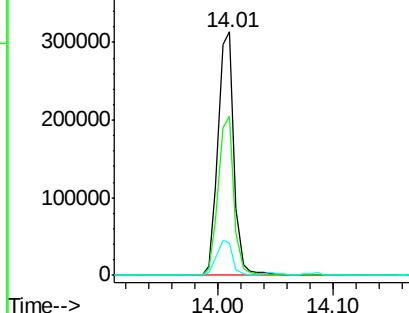
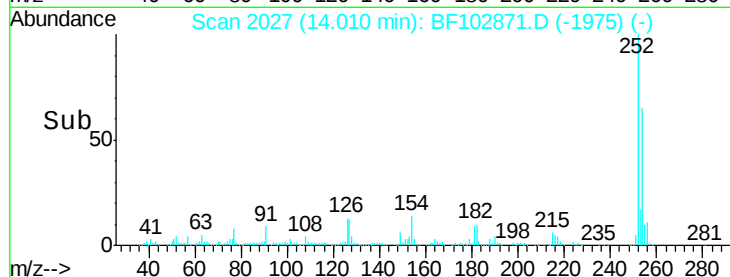
252 100

254 65.5 50.4 75.6

126 13.1 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.56 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

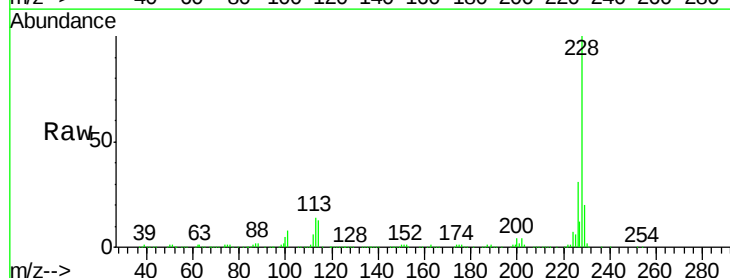
Tgt Ion:228 Resp: 705159

Ion Ratio Lower Upper

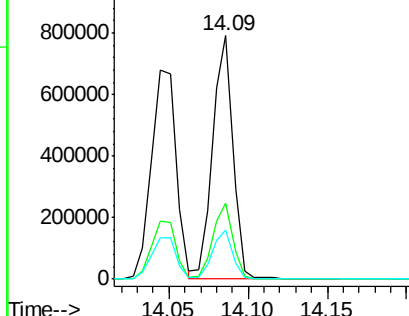
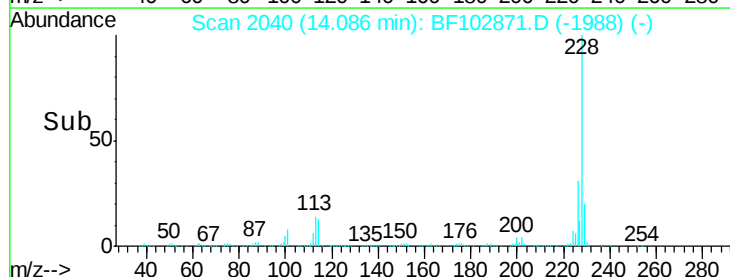
228 100

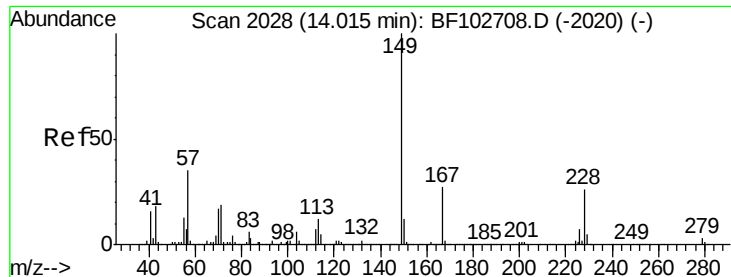
226 31.1 25.0 37.6

229 20.2 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.17 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampleId :

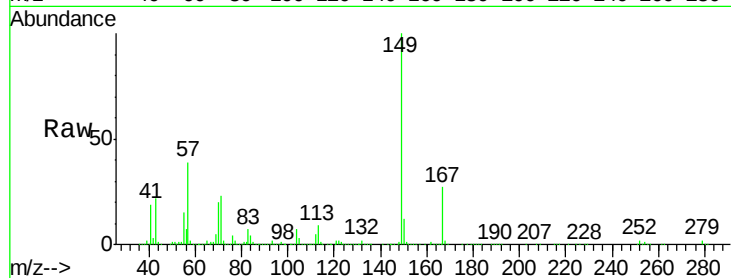
Tot Ion:149 Resp: 614031

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

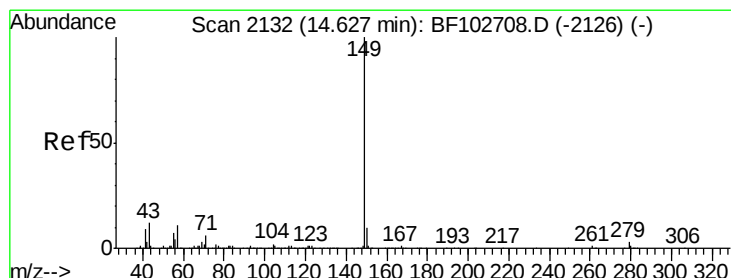
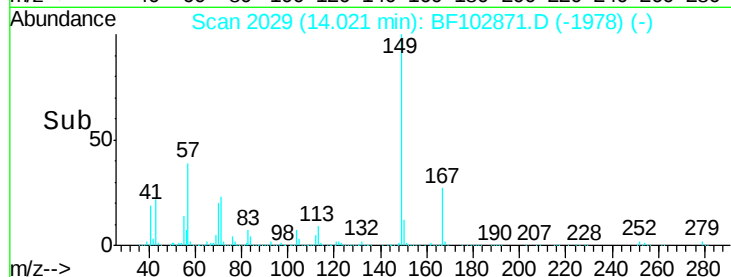
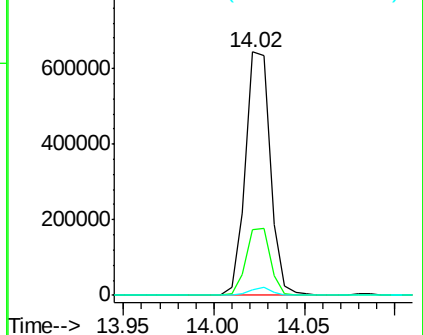
279 2.3 3.0 4.4#



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



#84

Di-n-octyl phthalate

Concen: 47.08 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

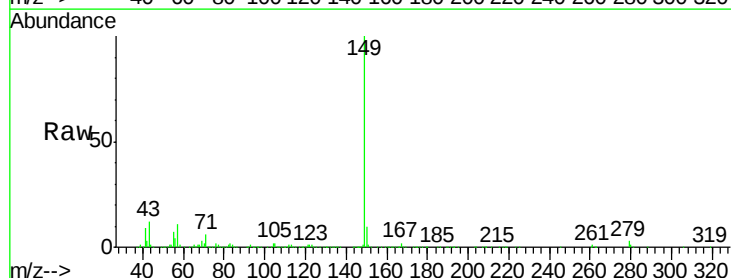
Tgt Ion:149 Resp: 1005478

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

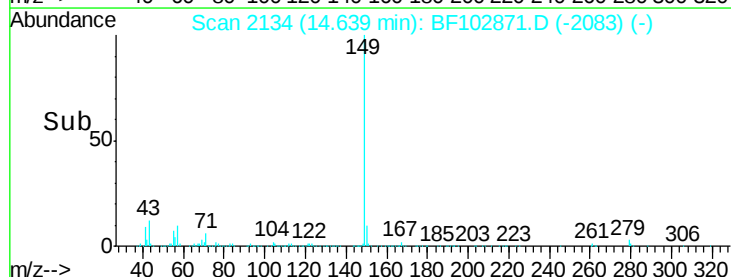
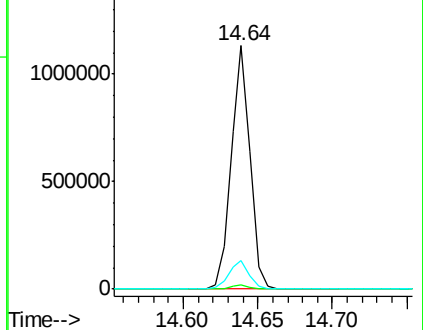
43 12.1 8.4 12.6

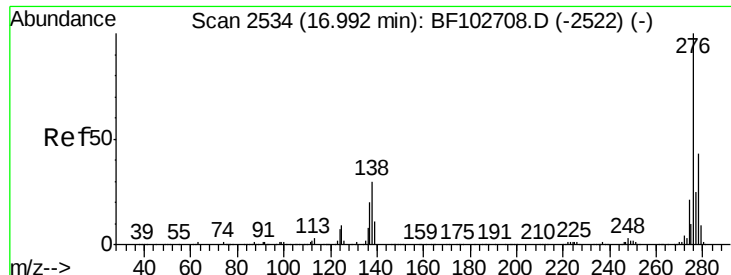


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

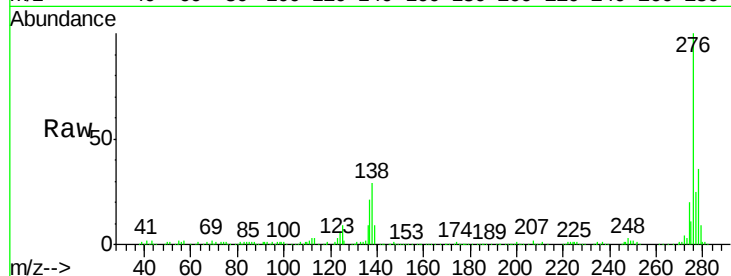




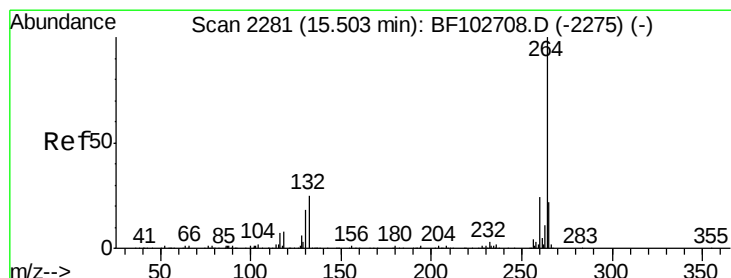
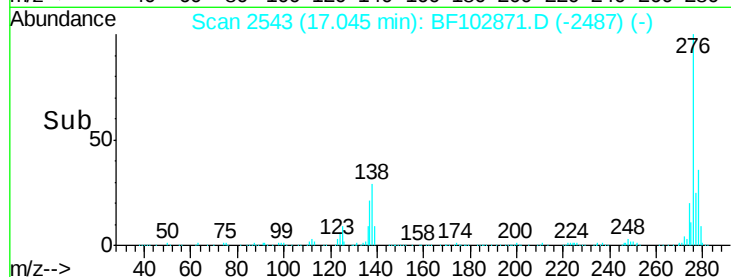
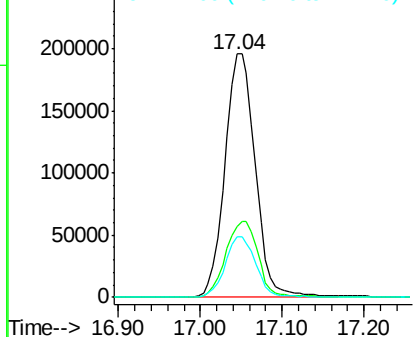
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.52 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 506410
Ion Ratio Lower Upper
276 100
138 33.5 25.0 37.6
277 25.3 20.1 30.1

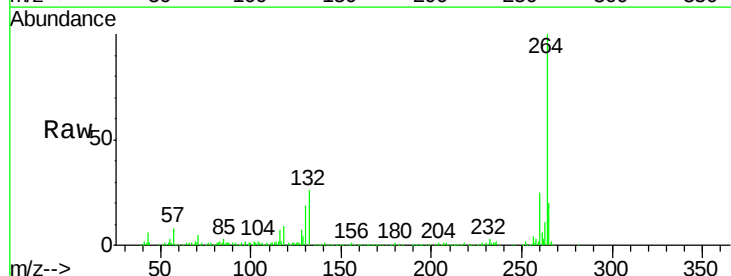


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

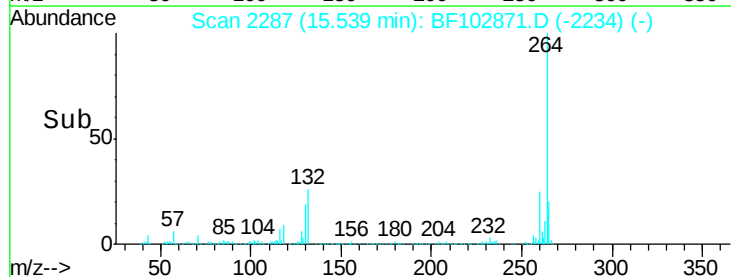
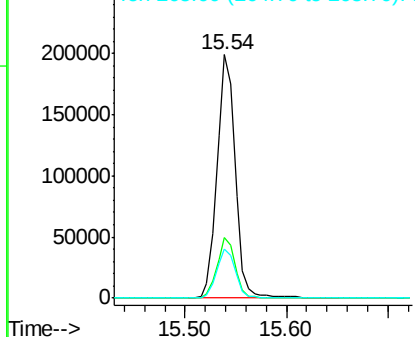


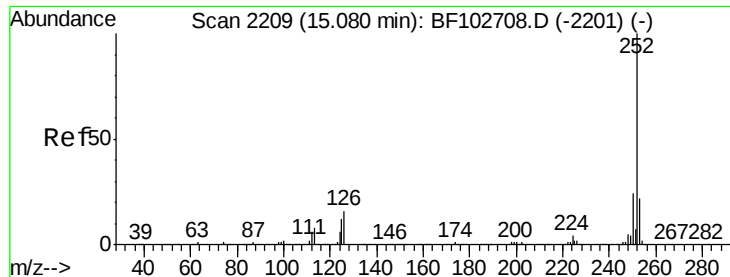
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:264 Resp: 248591
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 20.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

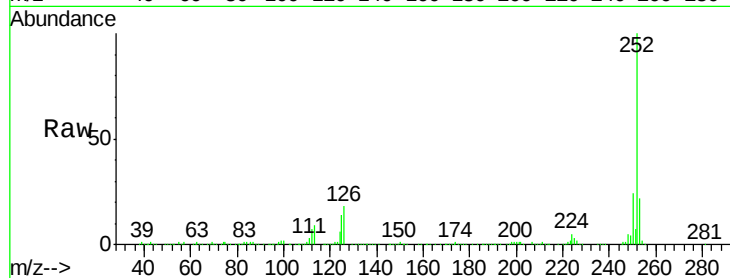




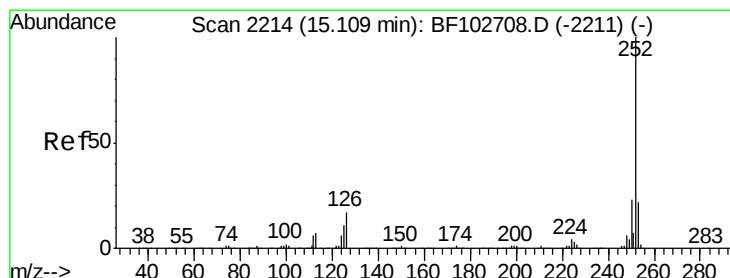
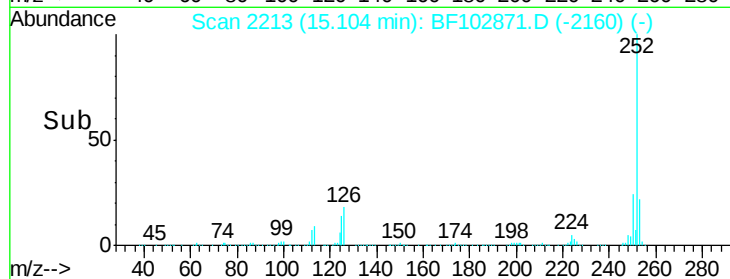
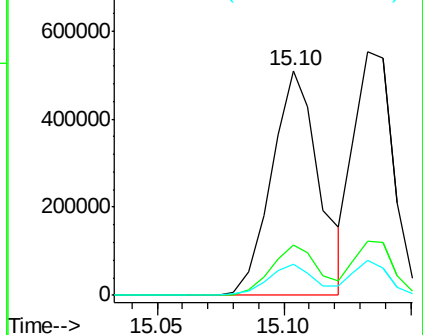
#87
Benzo(b)fluoranthene
Concen: 41.49 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 668679
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.6 9.0 13.6#

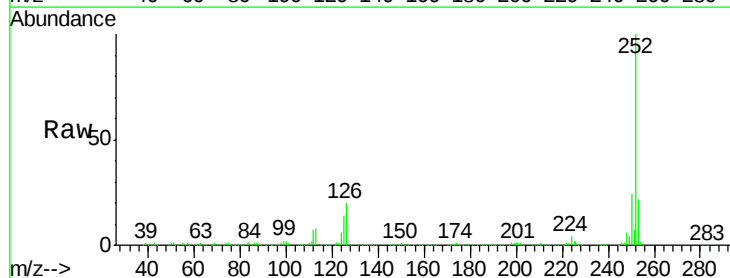


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

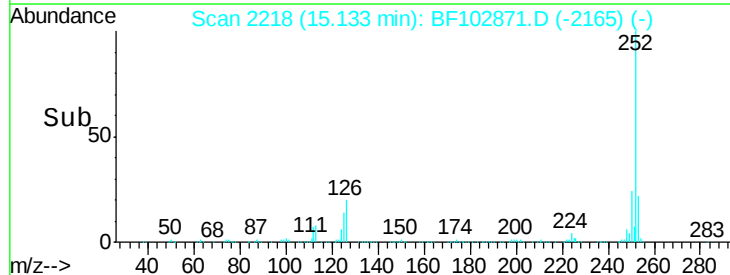
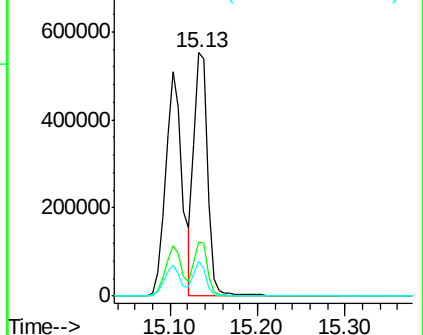


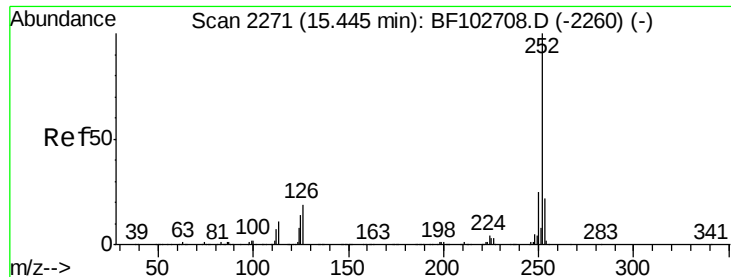
#88
Benzo(k)fluoranthene
Concen: 39.70 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102871.D
Acq: 8 Feb 2018 22:57

Tgt Ion:252 Resp: 611442
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 14.4 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 38.82 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

Instrument :

BNA_F

ClientSampled :

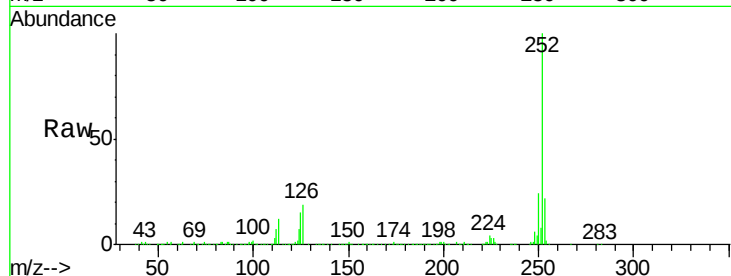
Tot Ion:252 Resp: 563186

Ion Ratio Lower Upper

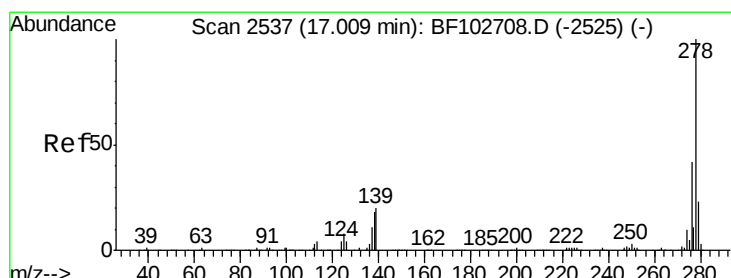
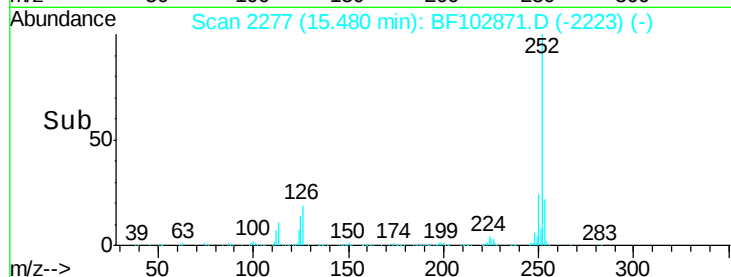
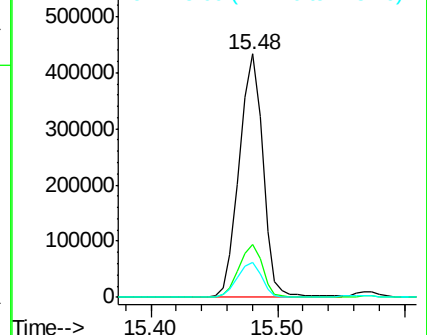
252 100

253 21.8 17.1 25.7

125 14.6 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 36.83 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102871.D

Acq: 8 Feb 2018 22:57

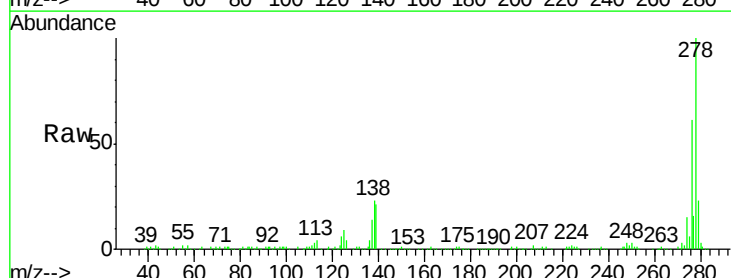
Tgt Ion:278 Resp: 433680

Ion Ratio Lower Upper

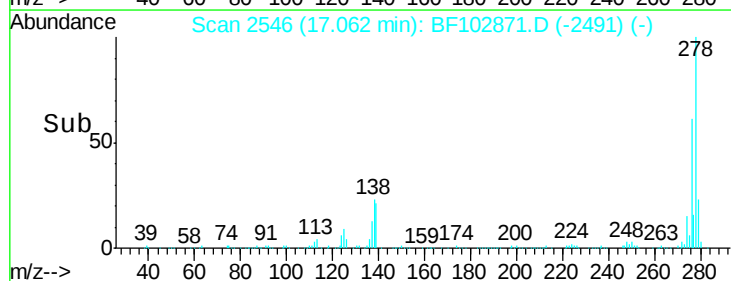
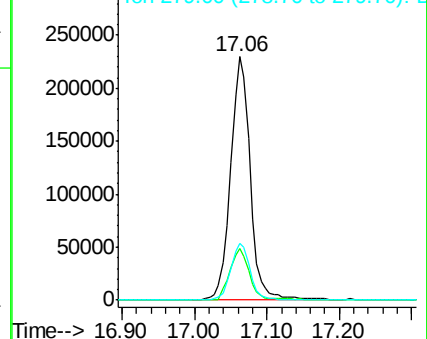
278 100

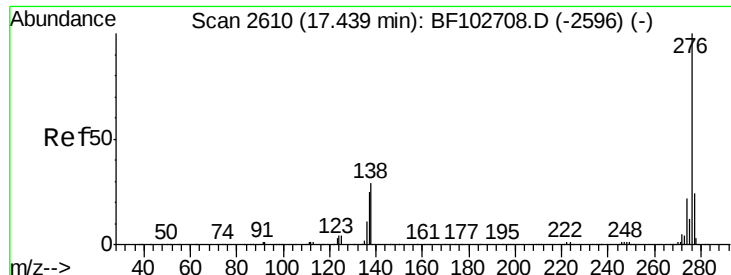
139 21.3 15.9 23.9

279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

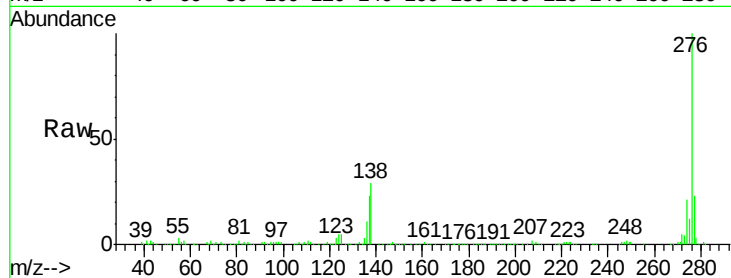




#91
 Benzo(a,h,i)perylene
 Concen: 34.71 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.03 min
 Lab File: BF102871.D
 Acq: 8 Feb 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.0	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

