

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102967.D
 Acq On : 13 Feb 2018 17:45
 Operator : SJ/JU
 Sample : J1403-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:08:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155445	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	639903	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	259067	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	366893	20.00	ng	0.00
75) Chrysene-d12	14.04	240	281612	20.00	ng	0.00
86) Perylene-d12	15.52	264	226290	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1193253	116.58	ng	0.01
7) Phenol-d6	6.51	99	1429483	115.99	ng	0.01
23) Nitrobenzene-d5	7.44	82	903833	97.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	225921	108.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1236125	79.18	ng	0.00
78) Terphenyl-d14	12.98	244	855972	71.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	172629	34.15	ng	86
3) Pyridine	3.45	79	524361	37.54	ng	91
4) n-Nitrosodimethylamine	3.39	42	258929	43.33	ng	97
6) Aniline	6.54	93	563584	30.97	ng	97
8) 2-Chlorophenol	6.66	128	445860	42.31	ng	95
9) Benzaldehyde	6.42	77	112368	12.28	ng	99
10) Phenol	6.52	94	605428	45.84	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	452813	41.20	ng	90
12) 1,3-Dichlorobenzene	6.82	146	454349	37.23	ng	99
13) 1,4-Dichlorobenzene	6.89	146	455108	37.44	ng	99
14) 1,2-Dichlorobenzene	7.05	146	425489	37.58	ng	100
15) Benzyl Alcohol	7.02	79	397495	41.95	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	784806	37.59	ng	99
17) 2-Methylphenol	7.13	107	383172	39.42	ng	99
18) Hexachloroethane	7.39	117	153632	36.86	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	302504	37.23	ng	93
20) 3+4-Methylphenols	7.28	107	442017	36.88	ng	# 73
22) Acetophenone	7.29	105	594318	37.95	ng	# 93
24) Nitrobenzene	7.46	77	487033	44.89	ng	95
25) Isophorone	7.70	82	883267	41.58	ng	99
26) 2-Nitrophenol	7.77	139	229546	50.86	ng	98
27) 2,4-Dimethylphenol	7.81	122	399339	44.50	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	560805	44.57	ng	99
29) 2,4-Dichlorophenol	8.02	162	353069	43.28	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	341720	37.03	ng	99
31) Naphthalene	8.18	128	1197256	38.29	ng	99
32) Benzoic acid	7.88	122	47471	15.58	ng	97
33) 4-Chloroaniline	8.23	127	348701	25.89	ng	98
34) Hexachlorobutadiene	8.29	225	173694	36.73	ng	96
35) Caprolactam	8.59	113	119255	42.09	ng	# 72
36) 4-Chloro-3-methylphenol	8.71	107	373743	40.78	ng	98
37) 2-Methylnaphthalene	8.87	142	776404	37.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	290142	41.13	ng	99
40) Hexachlorocyclopentadiene	9.02	237	41308	12.32	ng	98

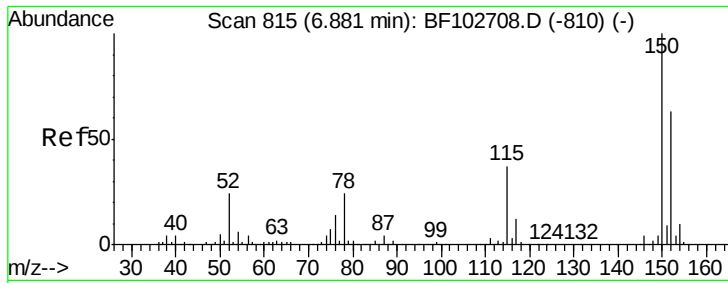
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102967.D
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 Operator : SJ/JU
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Quant Time: Feb 14 00:08:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	212066	45.77	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	207396	39.72	nq	98
45) 1,1'-Biphenyl	9.33	154	853397	39.11	nq	98
46) 2-Chloronaphthalene	9.36	162	663565	38.63	nq	98
47) 2-Nitroaniline	9.46	65	260573	49.07	nq	90
48) Acenaphthylene	9.77	152	992986	37.22	nq	100
49) Dimethylphthalate	9.63	163	956506	47.35	nq	100
50) 2,6-Dinitrotoluene	9.70	165	169524	44.11	nq	97
51) Acenaphthene	9.95	154	567617	35.57	nq	100
52) 3-Nitroaniline	9.87	138	176496	37.32	nq	93
53) 2,4-Dinitrophenol	9.97	184	5225	15.05	nq	# 28
54) Dibenzofuran	10.12	168	851595	37.87	nq	99
55) 4-Nitrophenol	10.03	139	247196	64.44	nq	93
56) 2,4-Dinitrotoluene	10.10	165	206535	40.58	nq	# 96
57) Fluorene	10.46	166	606555	37.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	143608	39.68	nq	97
59) Diethylphthalate	10.33	149	749292	37.57	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	280061	38.70	nq	99
61) 4-Nitroaniline	10.48	138	170941	37.98	nq	93
62) Azobenzene	10.61	77	722071	36.24	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	10267	14.90	nq	93
65) n-Nitrosodiphenylamine	10.57	169	561336	43.38	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	163888	42.23	nq	# 88
67) Hexachlorobenzene	11.01	284	160012	37.37	nq	94
68) Atrazine	11.09	200	159032	41.65	nq	99
69) Pentachlorophenol	11.20	266	158760	63.17	nq	99
70) Phenanthrene	11.42	178	790899	38.71	nq	98
71) Anthracene	11.47	178	815778	39.25	nq	100
72) Carbazole	11.63	167	764885	37.57	nq	100
73) Di-n-butylphthalate	11.96	149	1010788	40.87	nq	99
74) Fluoranthene	12.62	202	794837	38.66	nq	99
76) Benzidine	12.73	184	416800	32.20	nq	98
77) Pyrene	12.85	202	807251	36.56	nq	99
79) Butylbenzylphthalate	13.45	149	419757	39.91	nq	97
80) Benzo(a)anthracene	14.03	228	709417	40.06	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	238827	36.37	nq	98
82) Chrysene	14.07	228	677212	37.93	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	594766	43.97	nq	99
84) Di-n-octyl phthalate	14.62	149	1004306	49.44	nq	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	506888	34.23	nq	98
87) Benzo(b)fluoranthene	15.09	252	606793	41.36	nq	97
88) Benzo(k)fluoranthene	15.12	252	565292	40.33	nq	99
89) Benzo(a)pyrene	15.46	252	534915	40.51	nq	97
90) Dibenzo(a,h)anthracene	17.03	278	428646	39.99	nq	98
91) Benzo(g,h,i)perylene	17.47	276	421793	40.20	nq	98

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

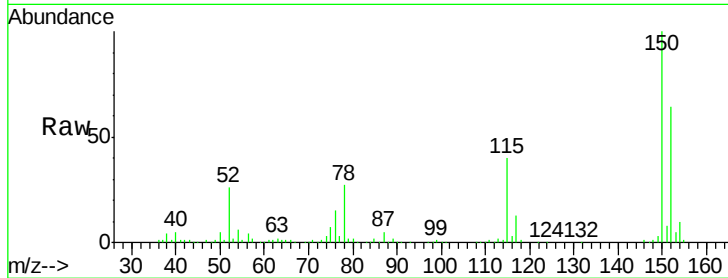


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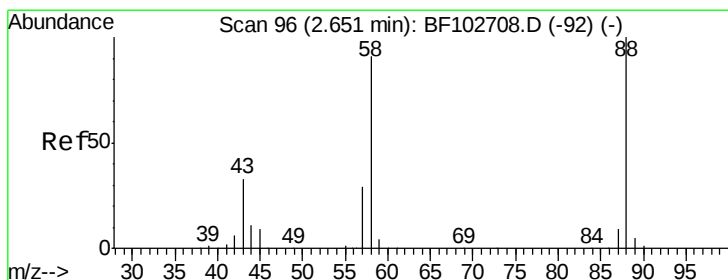
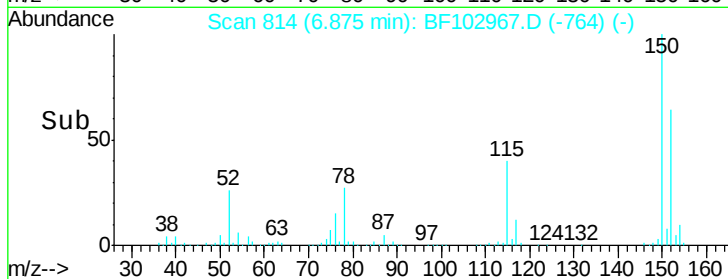
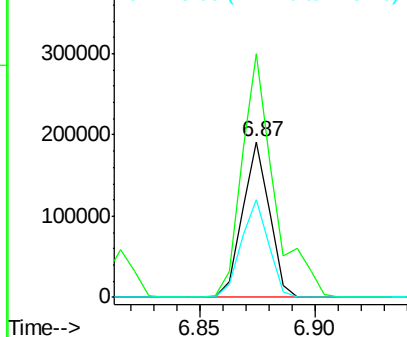
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155445
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 63.3 50.1 75.1



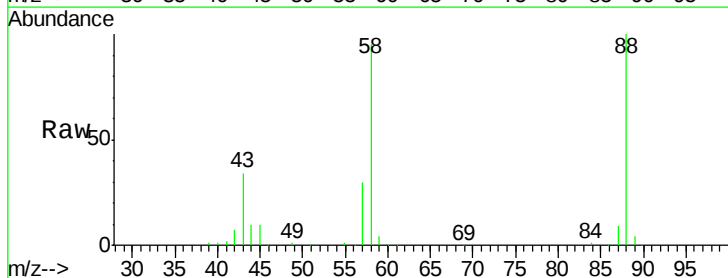
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



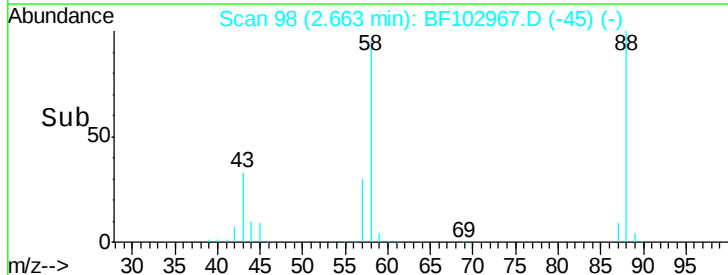
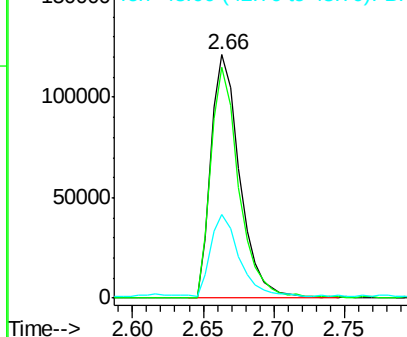
#2

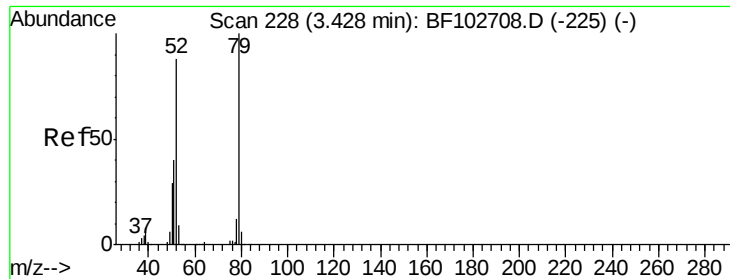
1,4-Dioxane
Concen: 34.15 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion: 88 Resp: 172629
Ion Ratio Lower Upper
88 100
58 93.4 62.6 93.8
43 32.7 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: 37.54 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.02 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

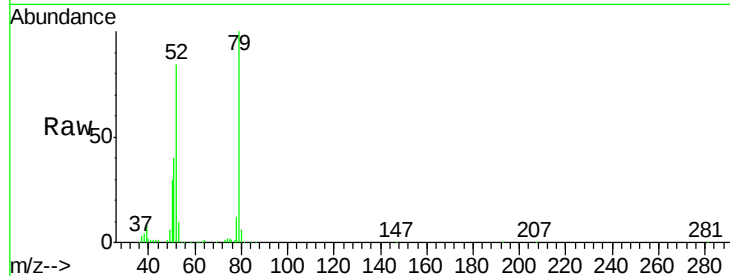
Tot Ion: 79 Resp: 524361

Ion Ratio Lower Upper

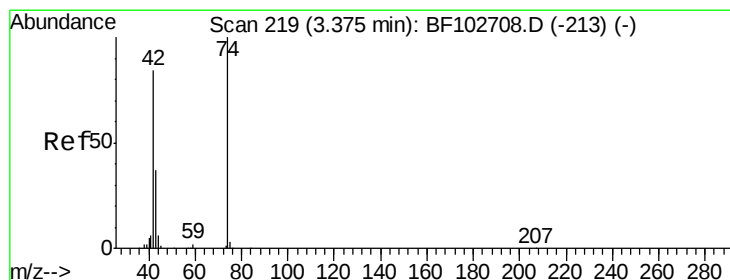
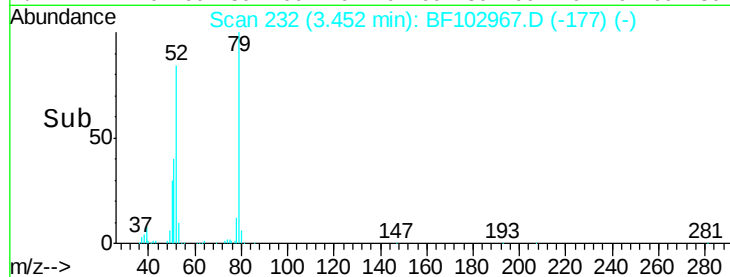
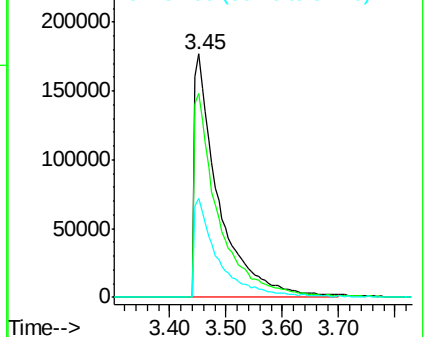
79 100

52 83.5 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: 43.33 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

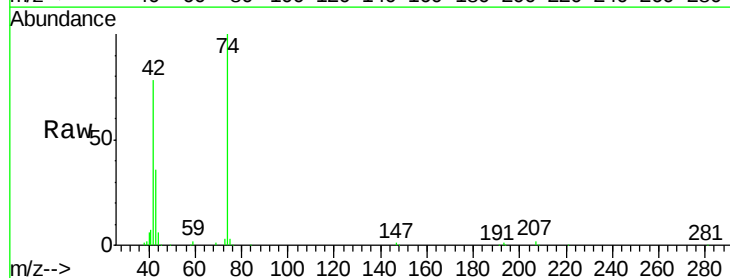
Tgt Ion: 42 Resp: 258929

Ion Ratio Lower Upper

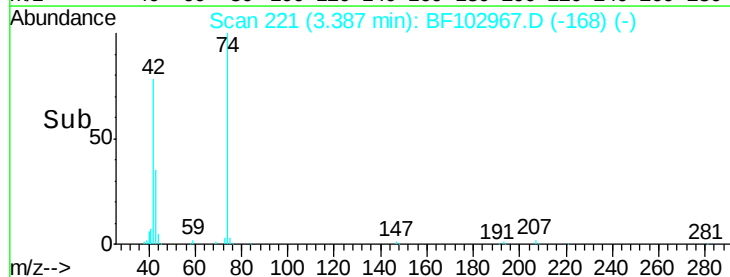
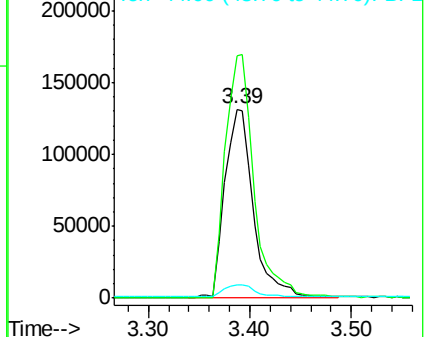
42 100

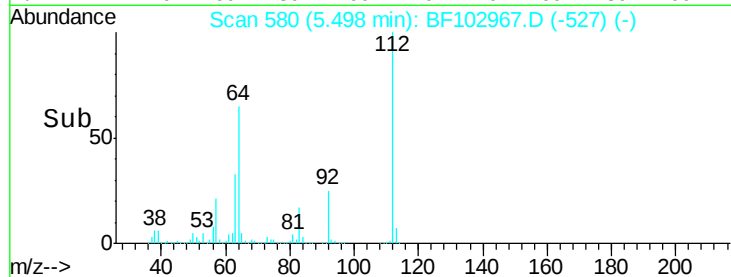
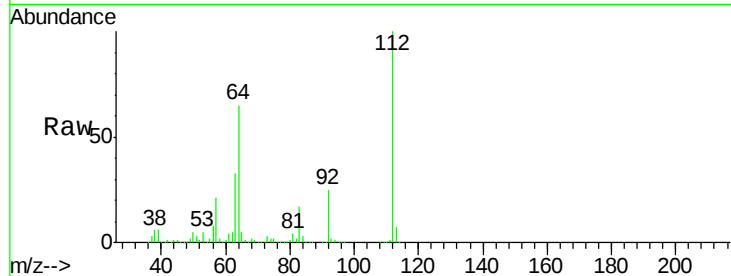
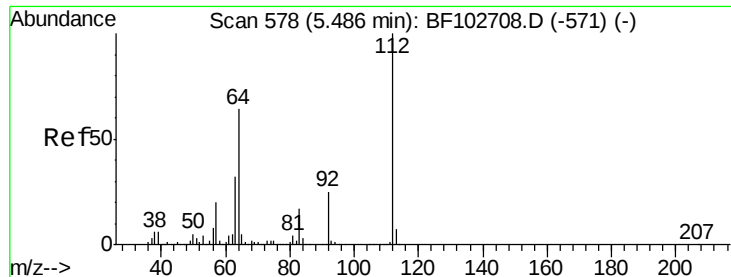
74 128.2 104.9 157.3

44 7.3 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: 116.58 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

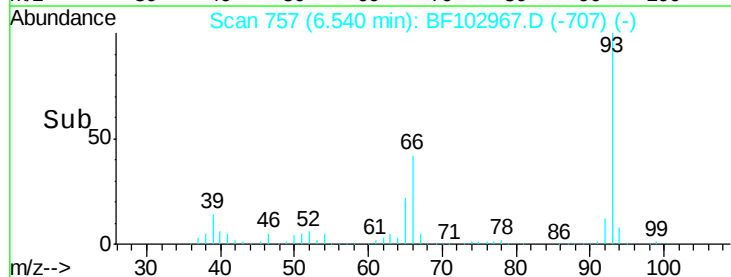
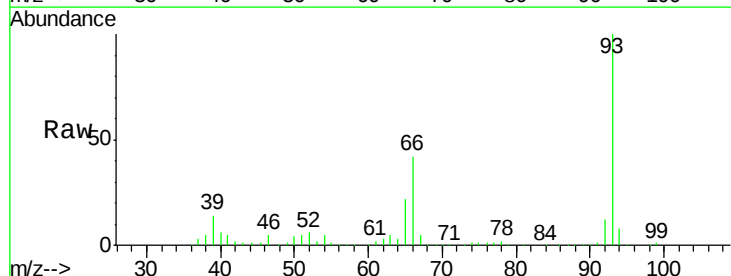
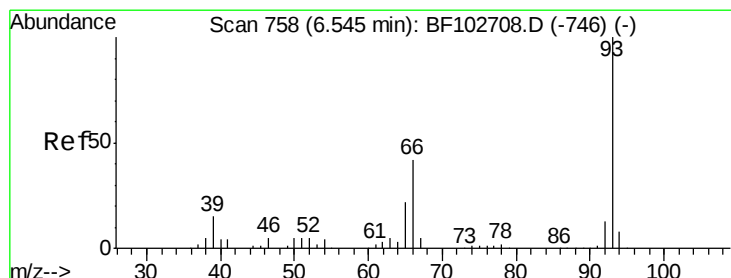
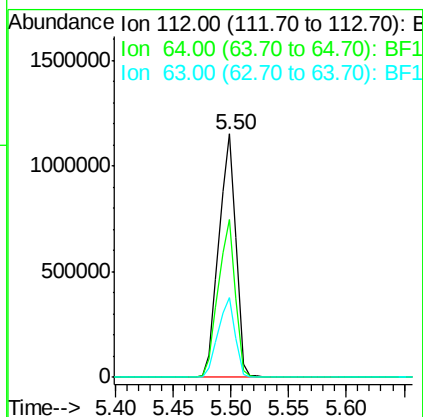
Tot Ion:112 Resp: 1193253

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

63 32.7 23.7 35.5



#6

Aniline

Concen: 30.97 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

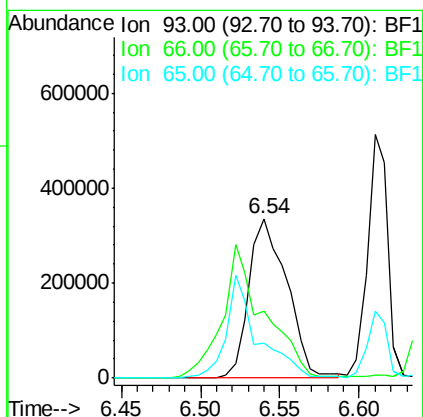
Tgt Ion: 93 Resp: 563584

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 115.99 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

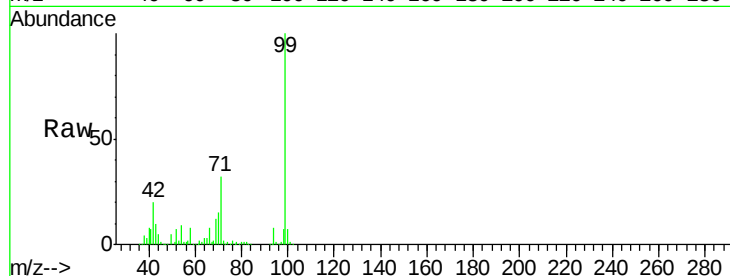
Tot Ion: 99 Resp: 1429483

Ion Ratio Lower Upper

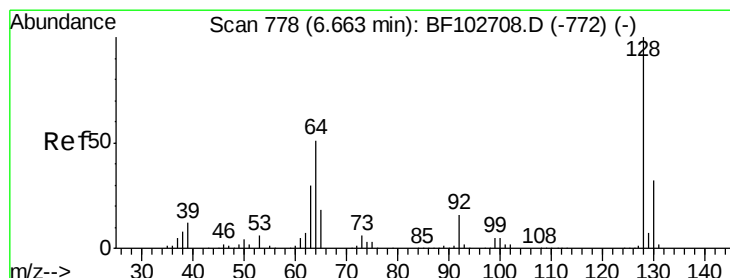
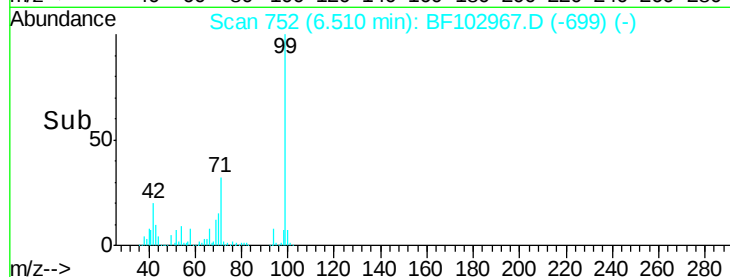
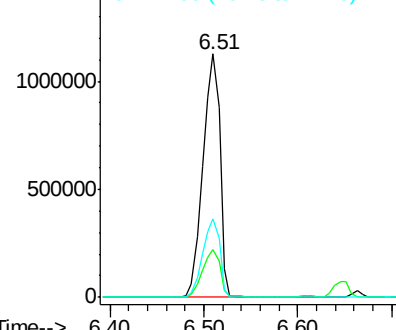
99 100

42 19.7 14.5 21.7

71 32.4 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: 42.31 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

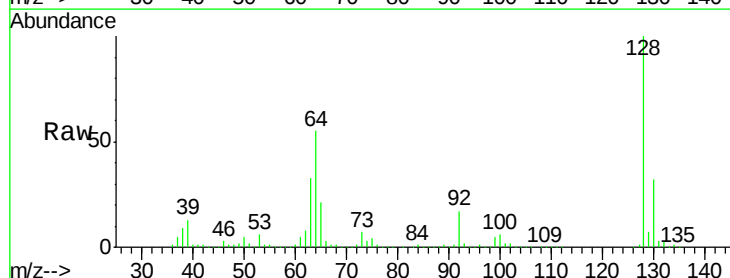
Tgt Ion:128 Resp: 445860

Ion Ratio Lower Upper

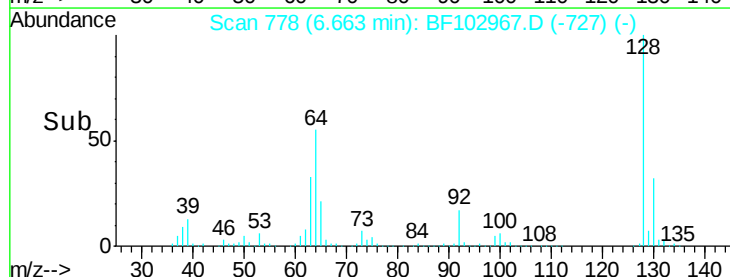
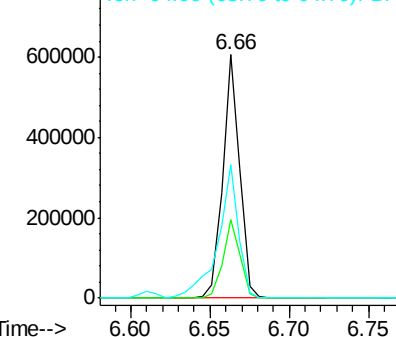
128 100

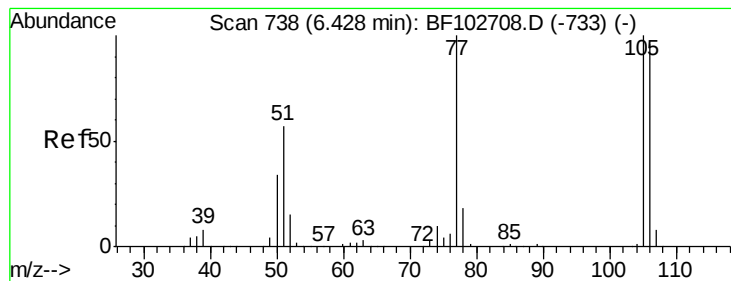
130 32.0 13.0 53.0

64 54.7 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: 12.28 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

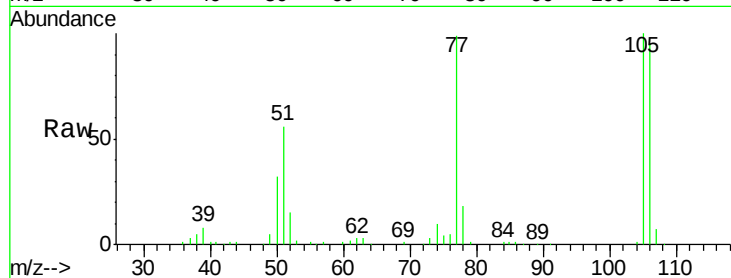
Tot Ion: 77 Resp: 112368

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

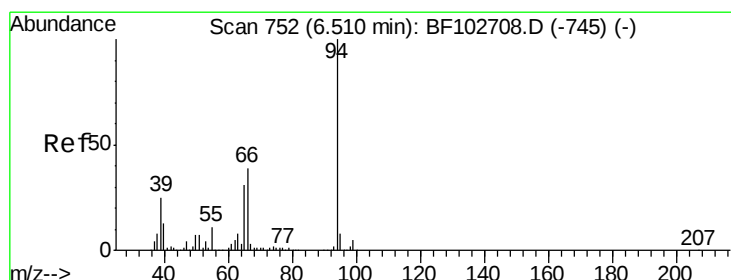
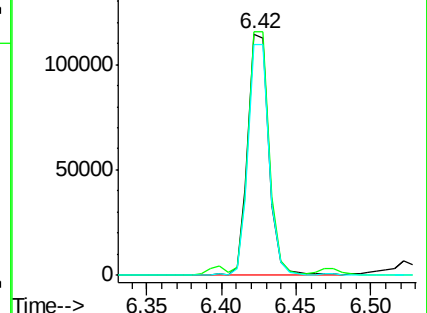
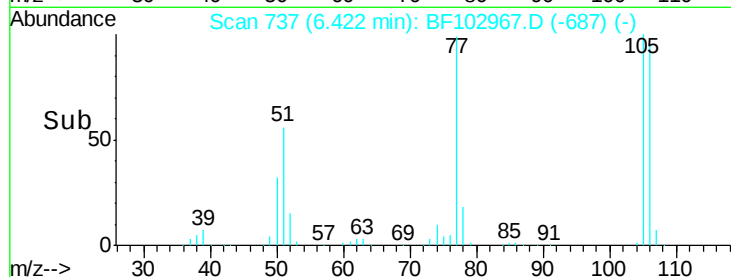
106 95.4 74.5 114.5



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: 45.84 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

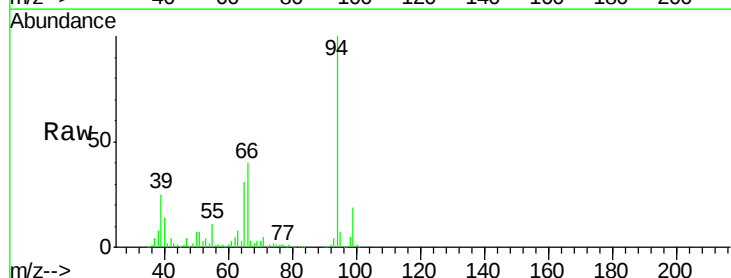
Tgt Ion: 94 Resp: 605428

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

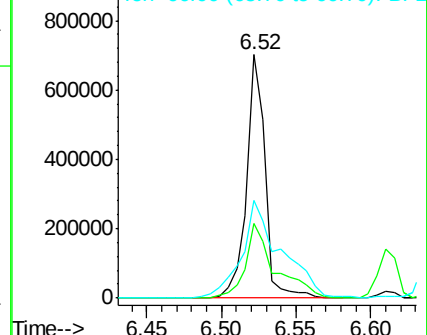
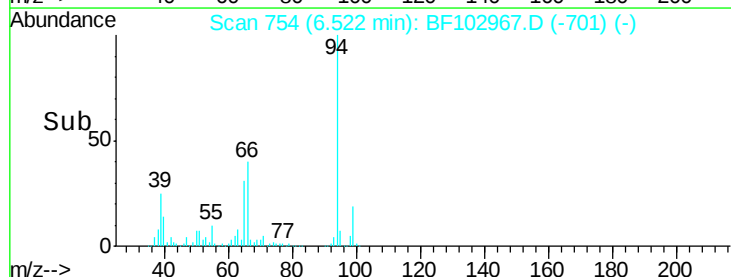
66 40.1 16.2 56.2



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

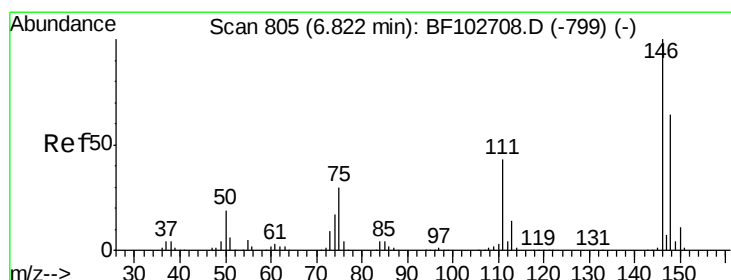
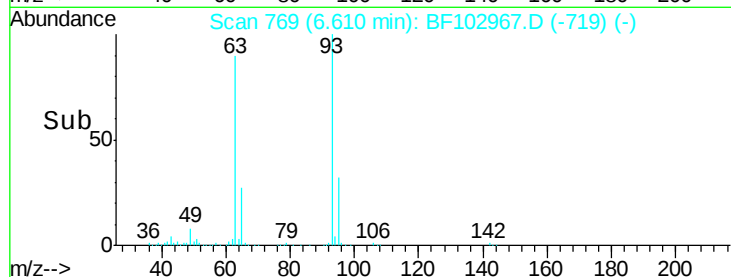
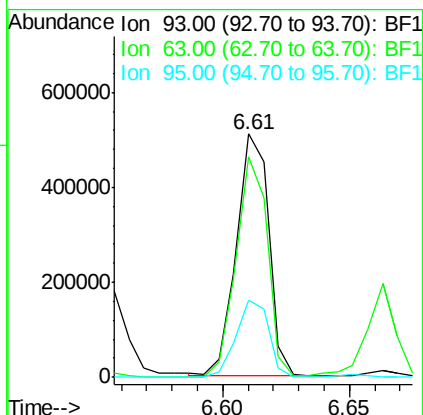
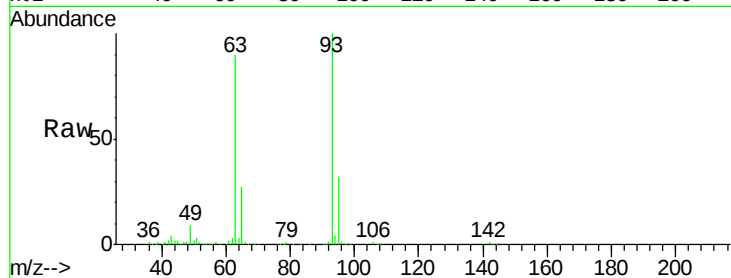




#11
bis(2-Chloroethyl)ether
Concen: 41.20 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

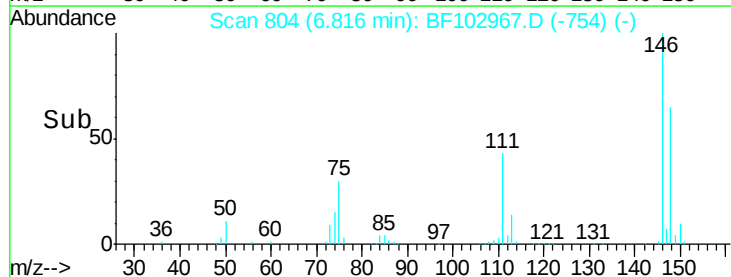
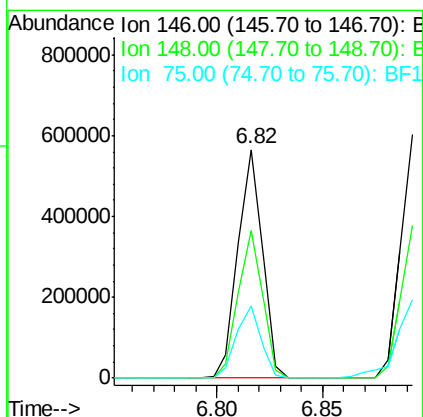
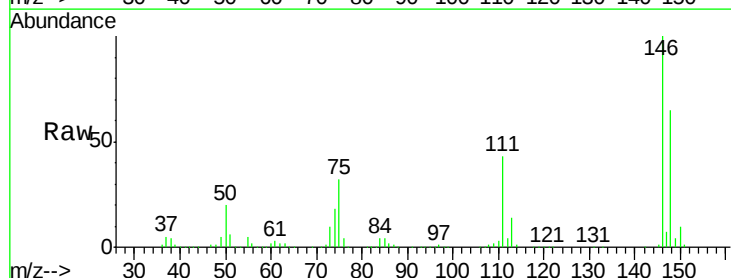
Instrument :
BNA_F
ClientSampleId :

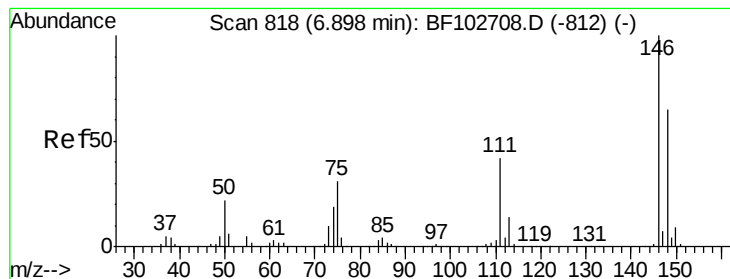
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.4	58.6	98.6
95	31.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.23 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	31.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.44 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

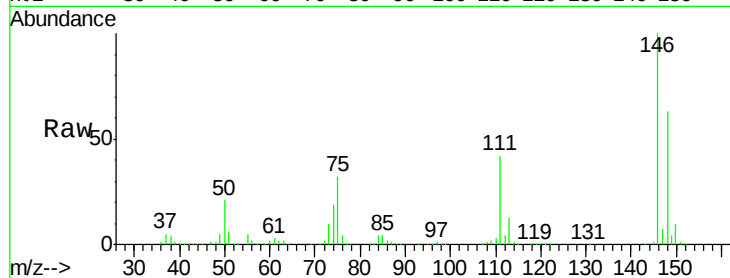
Tot Ion:146 Resp: 455108

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

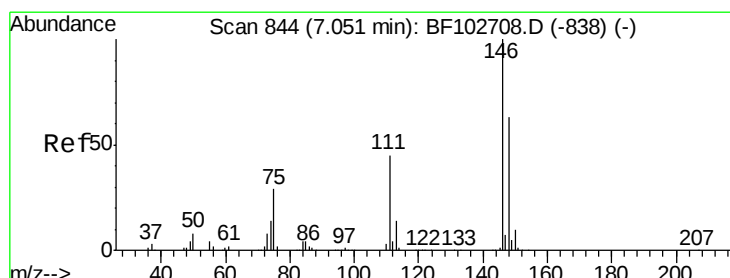
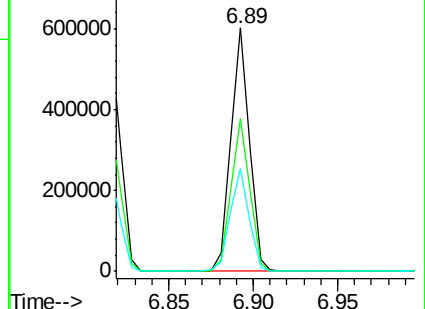
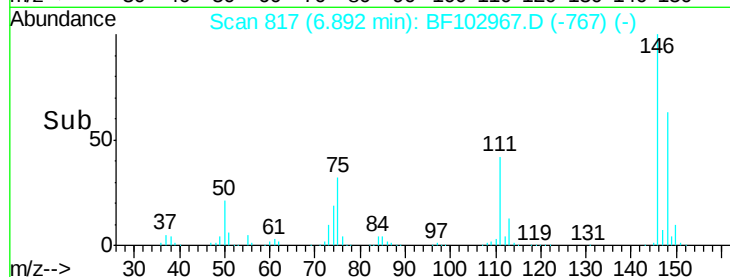
111 42.3 34.2 51.2



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: 37.58 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

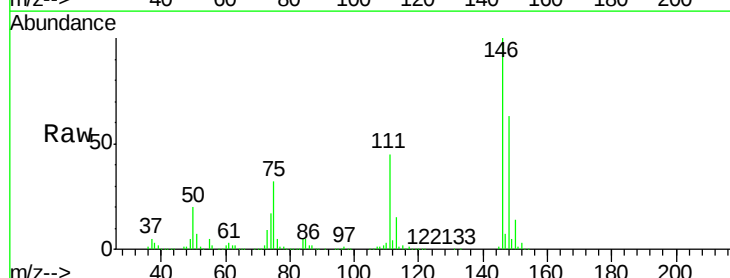
Tgt Ion:146 Resp: 425489

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

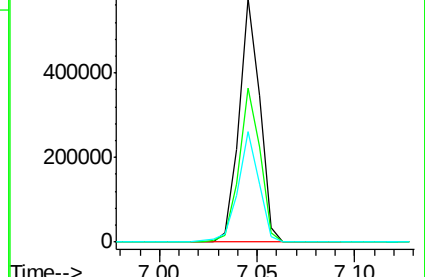
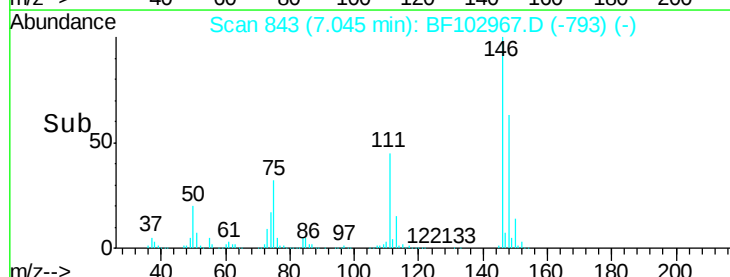
111 45.3 36.0 54.0

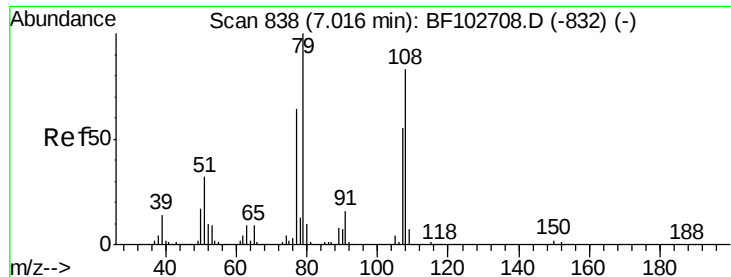


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.95 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

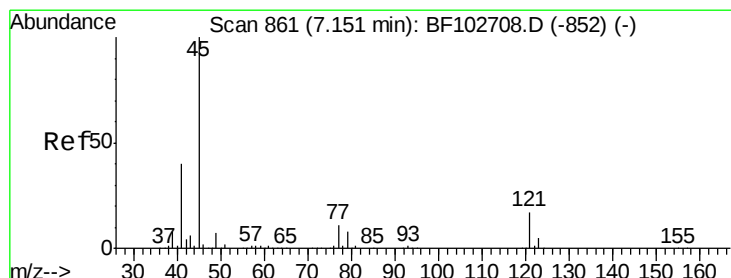
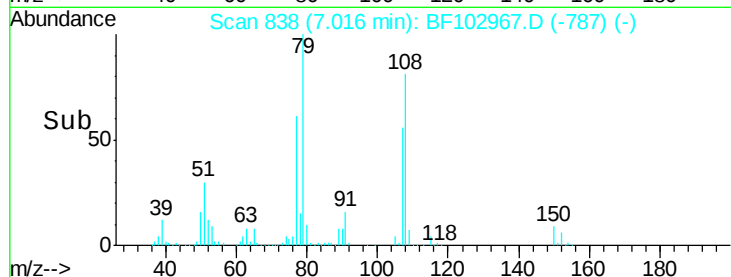
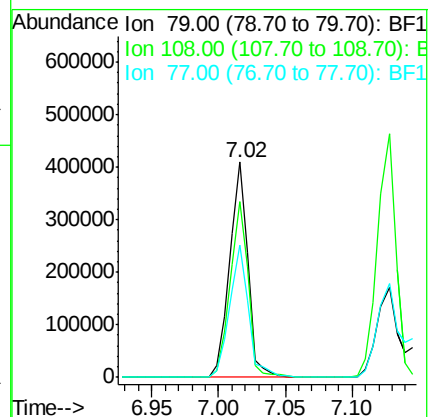
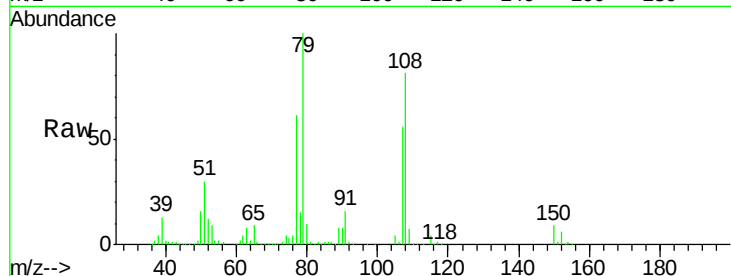
Tot Ion: 79 Resp: 397495

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.59 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

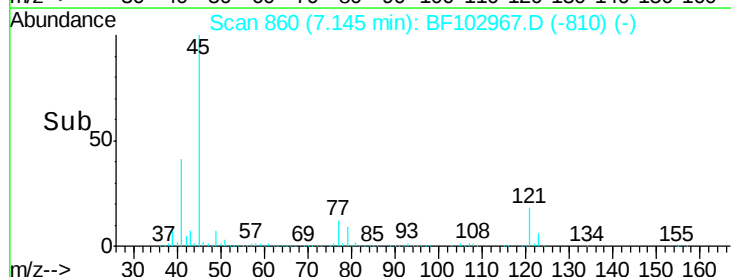
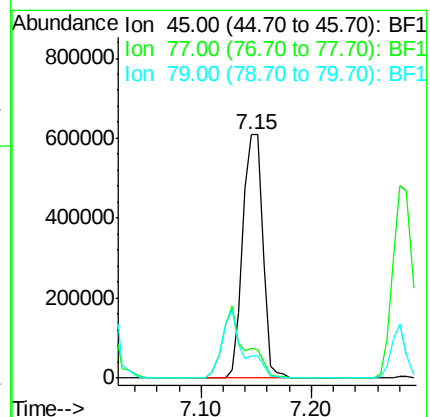
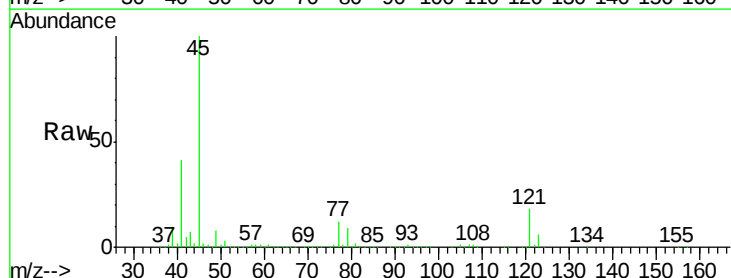
Tgt Ion: 45 Resp: 784806

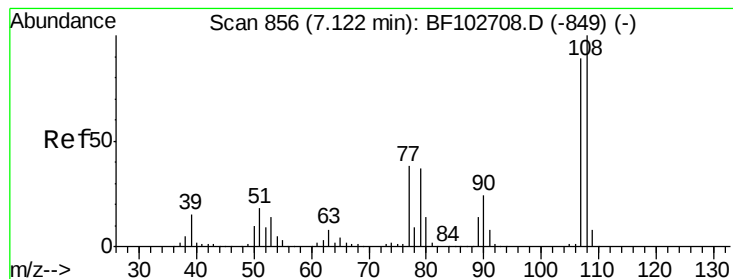
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 9.3 0.0 29.6





#17

2-Methylphenol

Concen: 39.42 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 383172

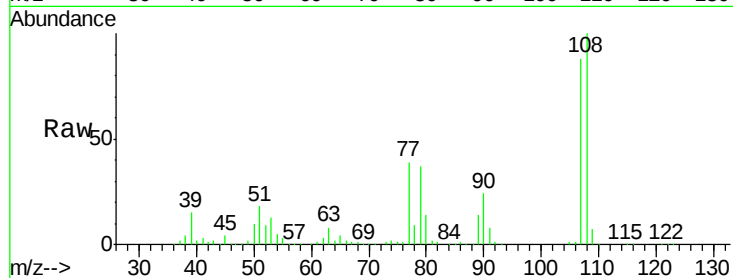
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 44.2 33.8 50.8

79 42.0 33.8 50.8

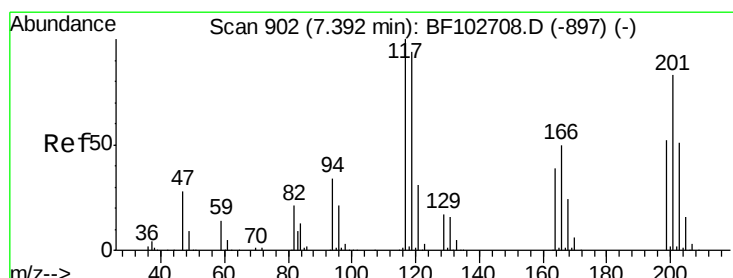
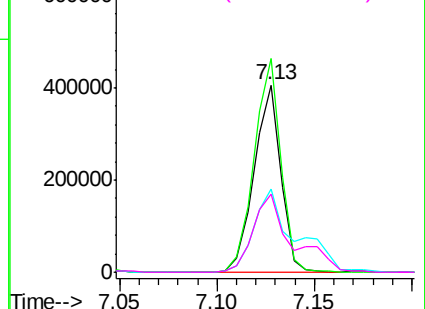
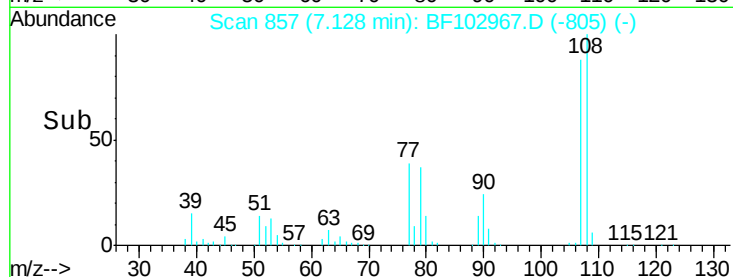


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.86 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

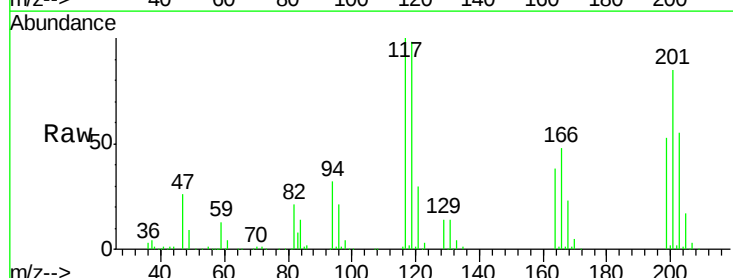
Tgt Ion:117 Resp: 153632

Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

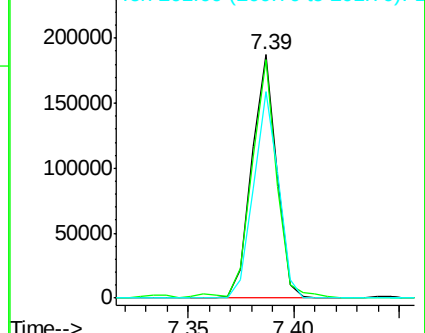
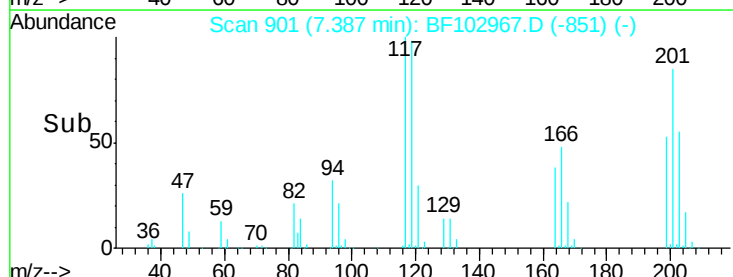
201 84.8 75.7 113.5

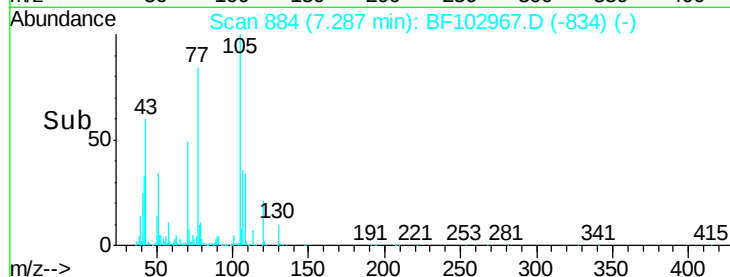
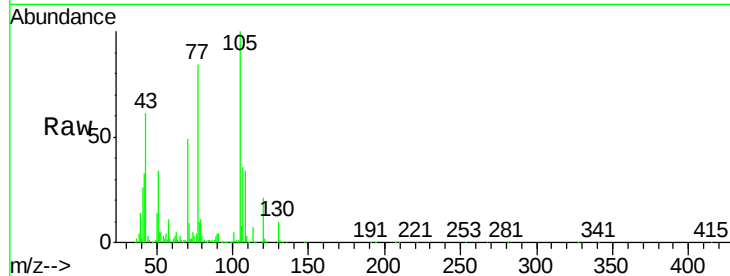
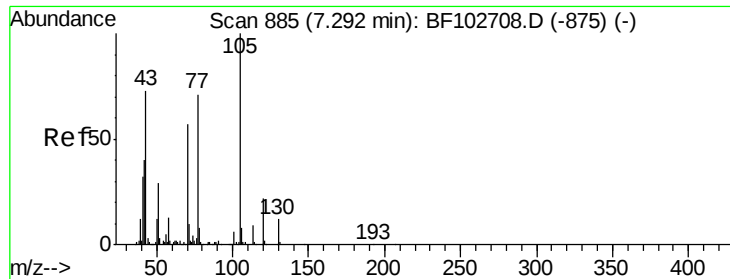


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

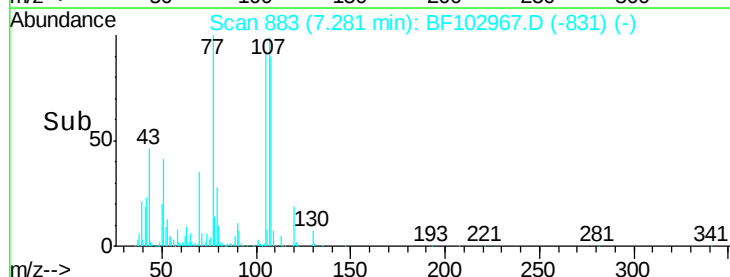
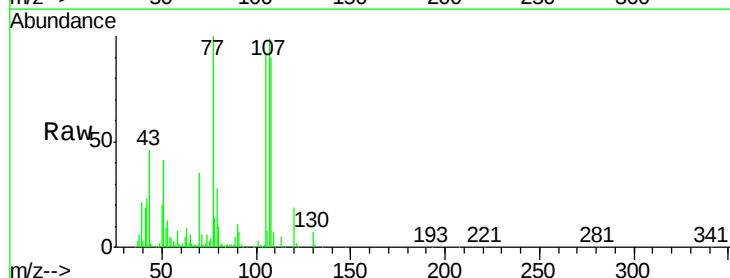
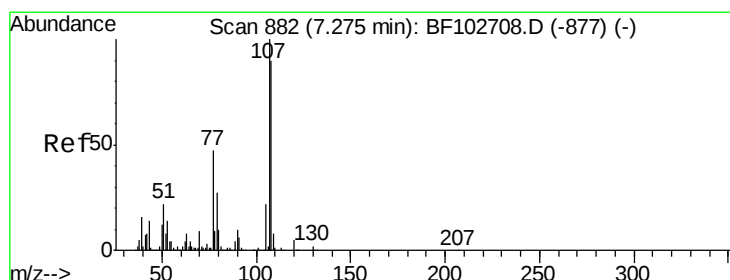
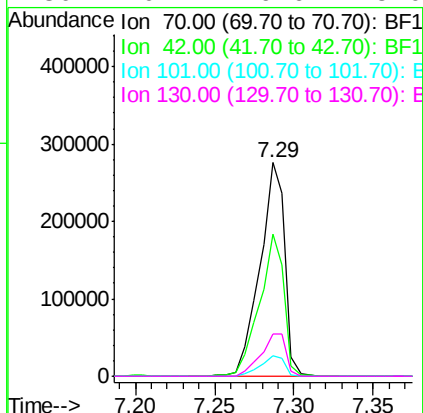




#19
n-Nitroso-di-n-propylamine
Concen: 37.23 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

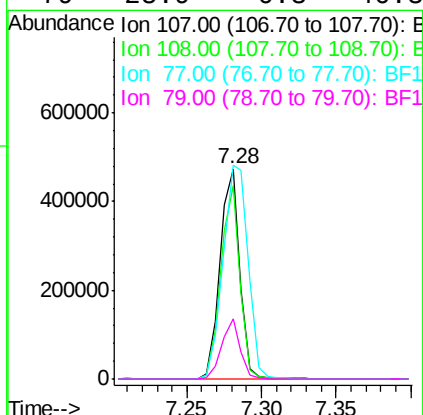
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 302504
Ion Ratio Lower Upper
70 100
42 66.8 47.5 71.3
101 9.8 7.4 11.2
130 20.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.88 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion: 107 Resp: 442017
Ion Ratio Lower Upper
107 100
108 91.6 68.2 108.2
77 101.5 26.7 66.7#
79 28.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 639903

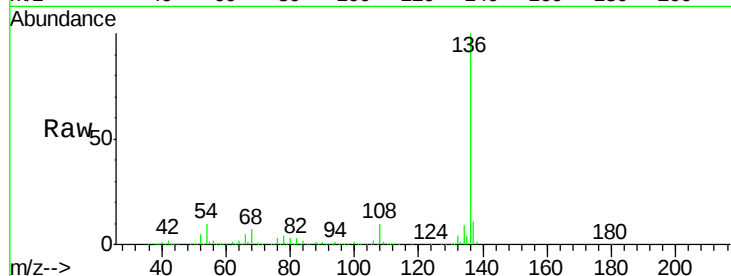
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 7.1 5.0 7.4

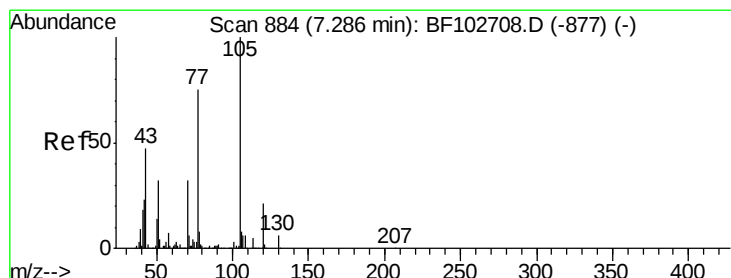
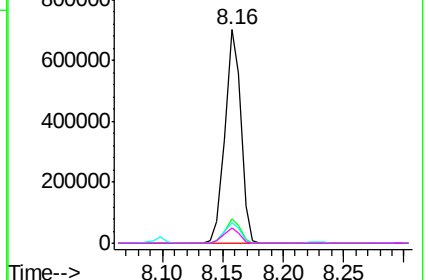
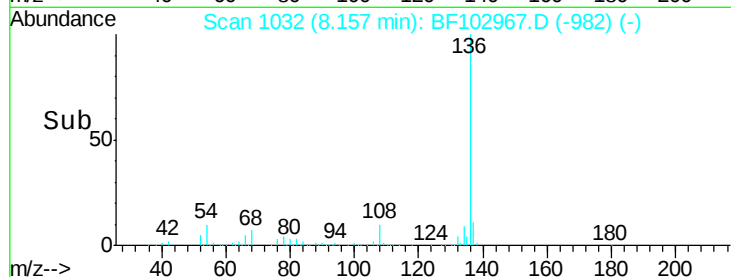


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.95 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:105 Resp: 594318

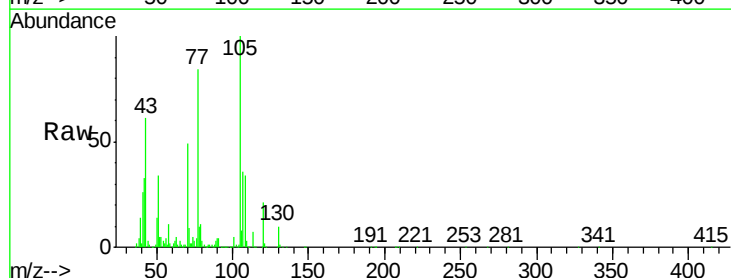
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 34.1 22.3 33.5#

120 20.8 16.9 25.3

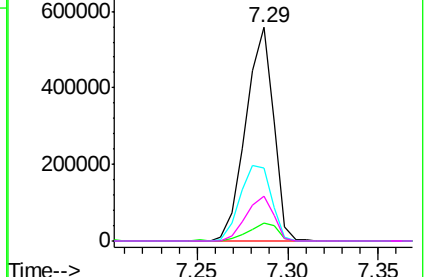
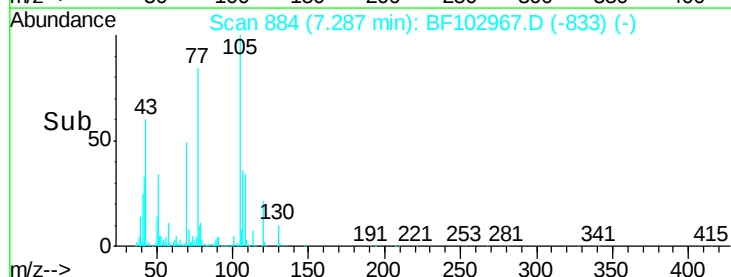


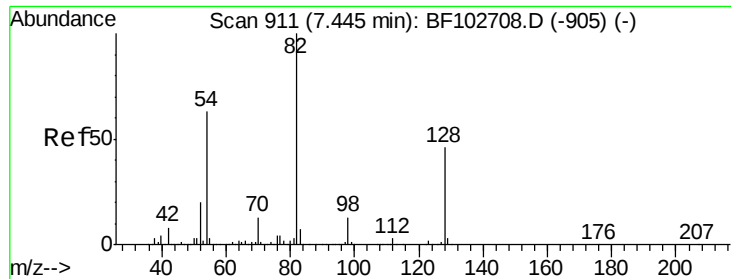
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

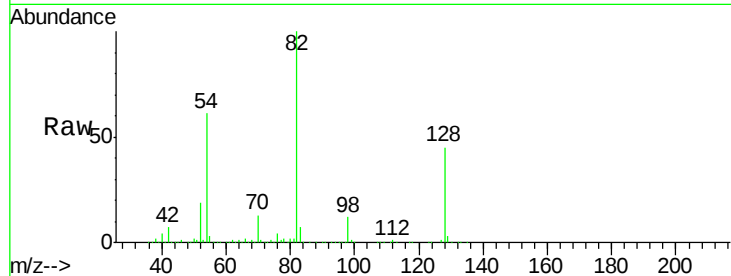




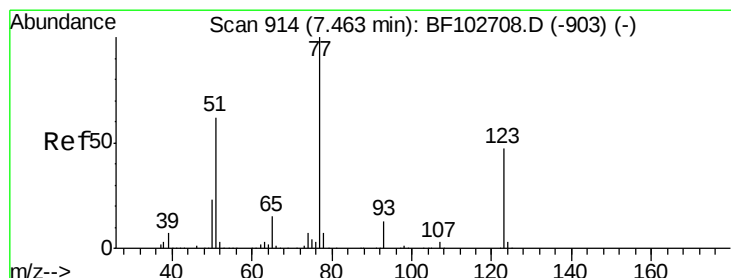
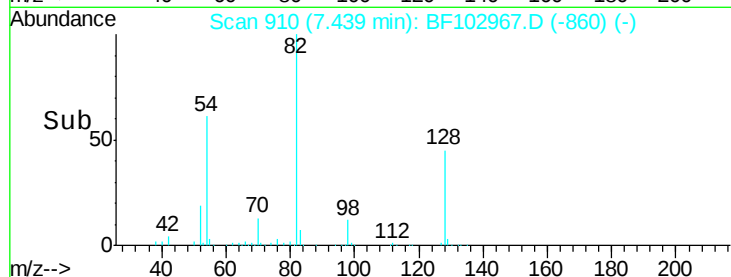
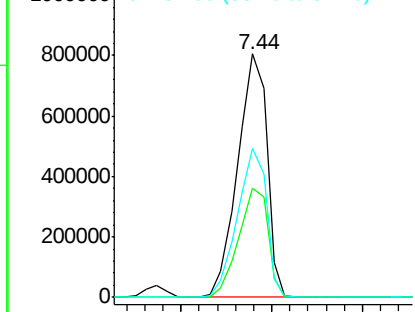
#23
Nitrobenzene-d5
Concen: 97.98 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	903833
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	61.0	41.4	62.2

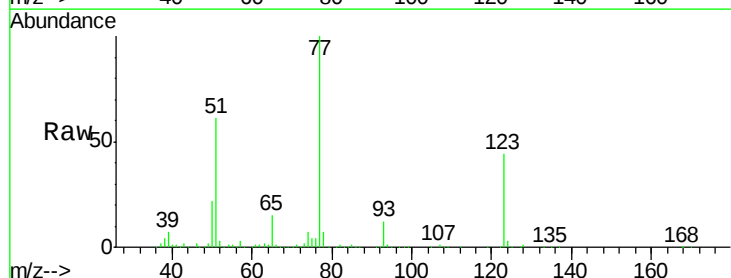


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

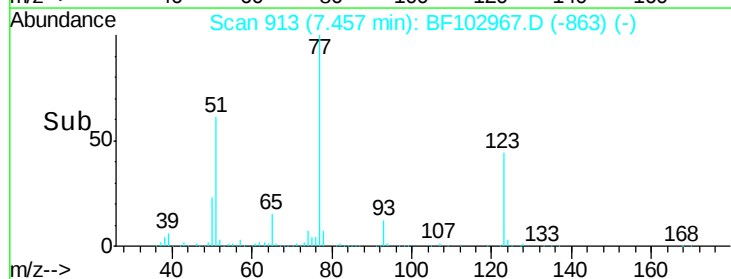
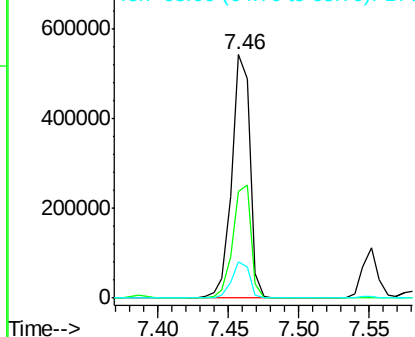


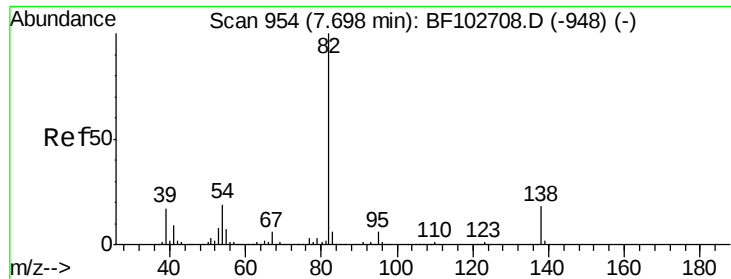
#24
Nitrobenzene
Concen: 44.89 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	77	Resp	487033
Ion Ratio	Lower	Upper	
77	100		
123	43.6	37.9	56.9
65	14.7	11.0	16.4



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





#25

Isophorone

Concen: 41.58 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

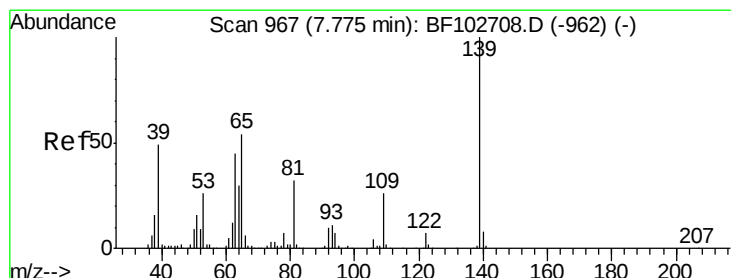
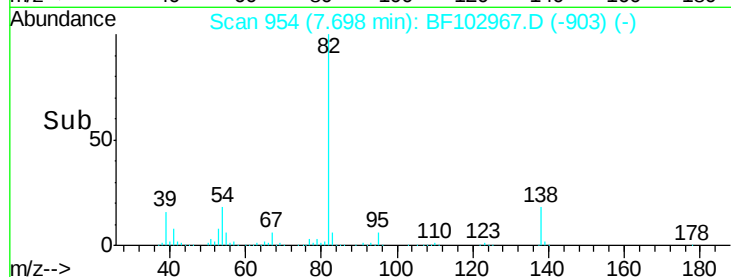
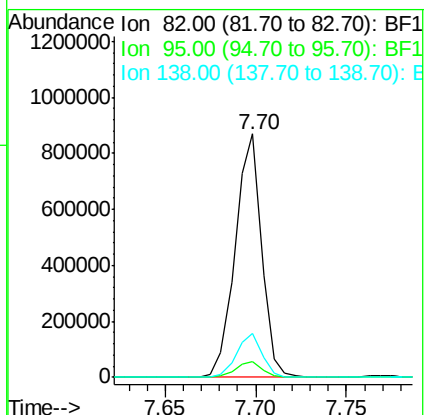
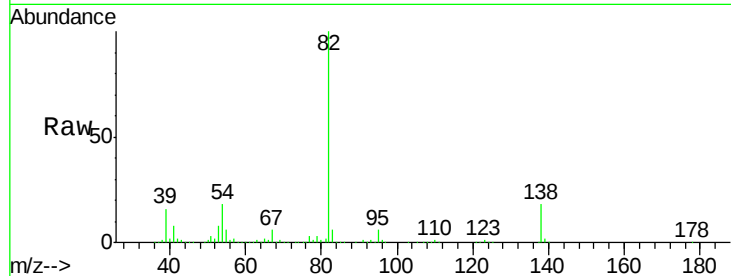
Tot Ion: 82 Resp: 883267

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 50.86 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

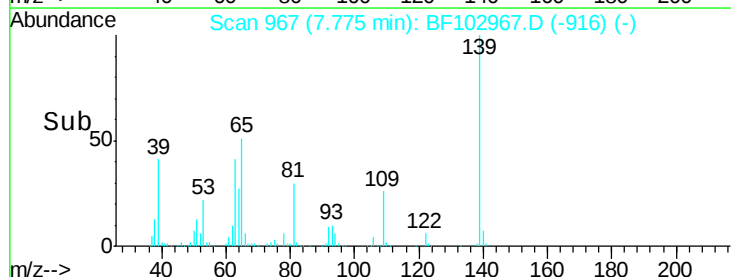
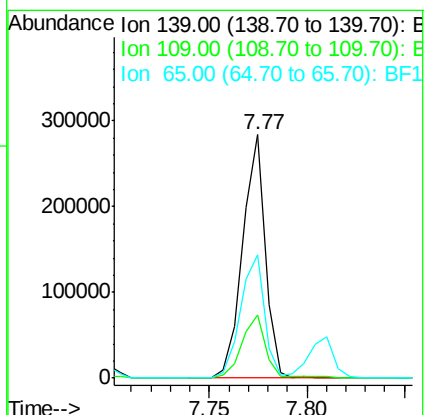
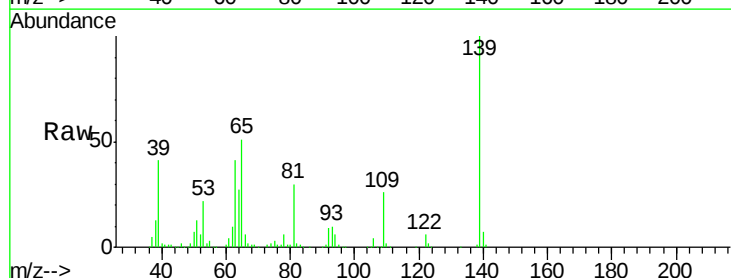
Tgt Ion: 139 Resp: 229546

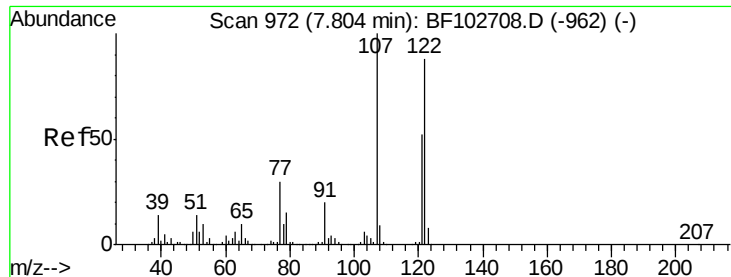
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 50.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.50 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

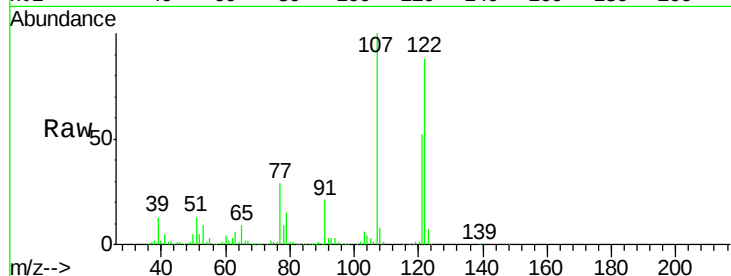
Tot Ion:122 Resp: 399339

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

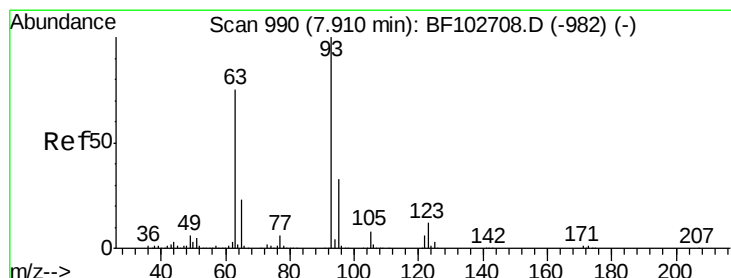
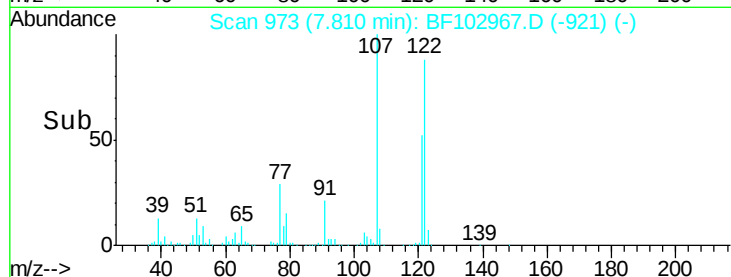
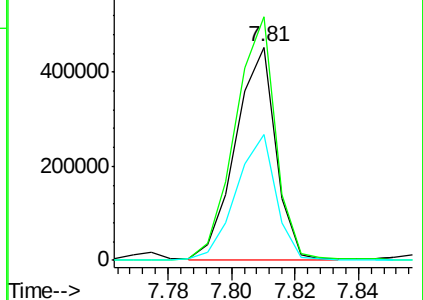
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.57 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

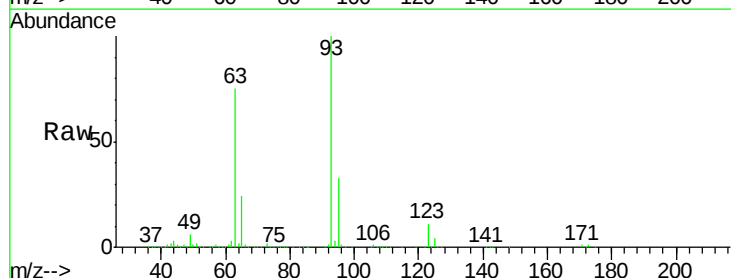
Tgt Ion: 93 Resp: 560805

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

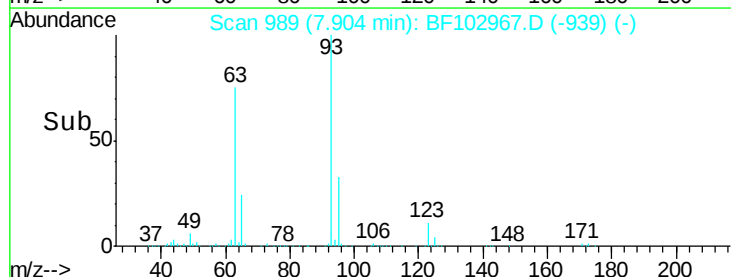
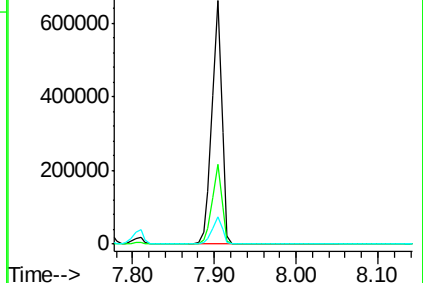
123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

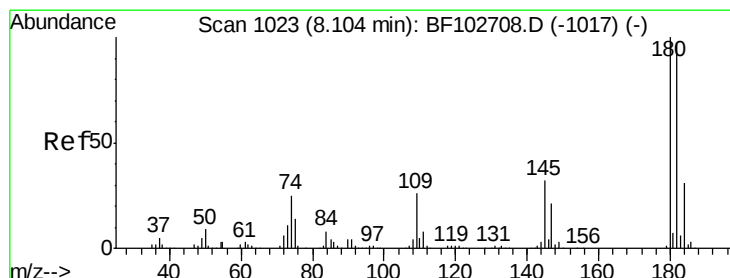
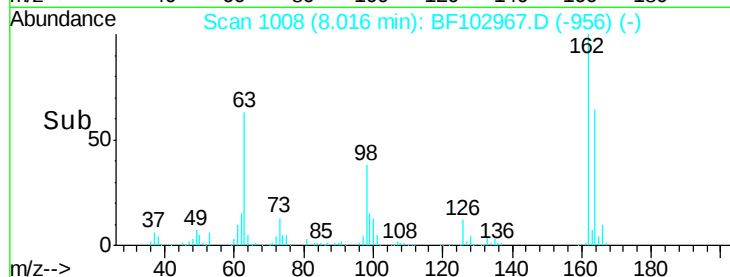
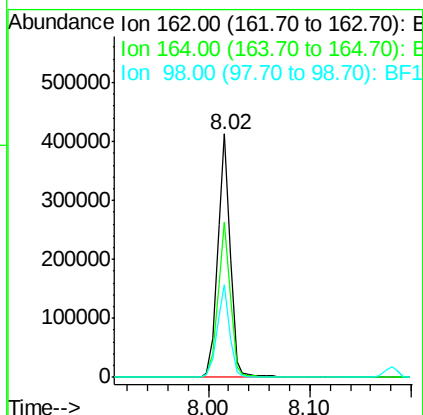
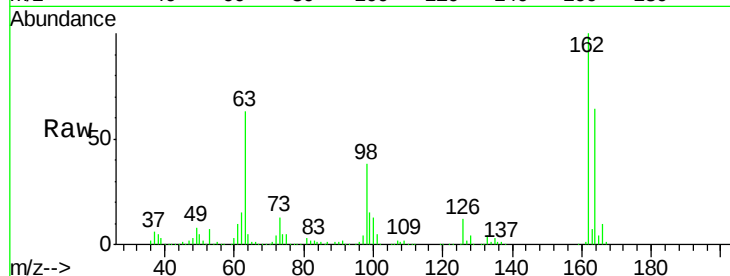




#29
 2,4-Dichlorophenol
 Concen: 43.28 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

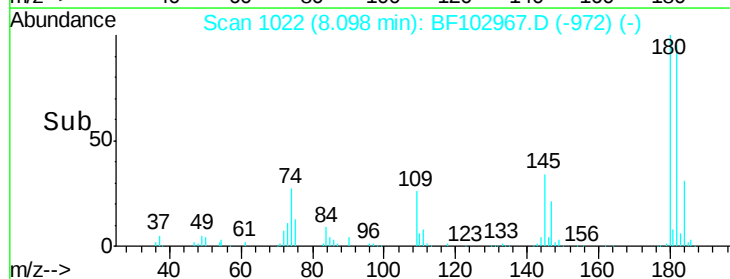
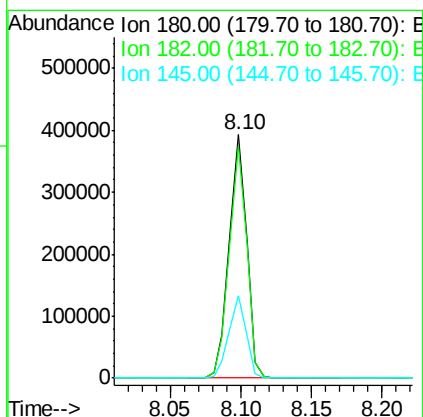
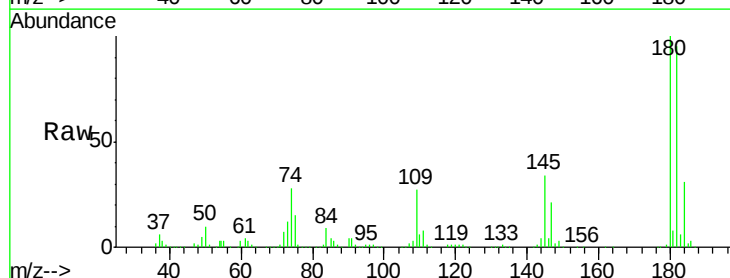
Instrument :
 BNA_F
 ClientSampleId :

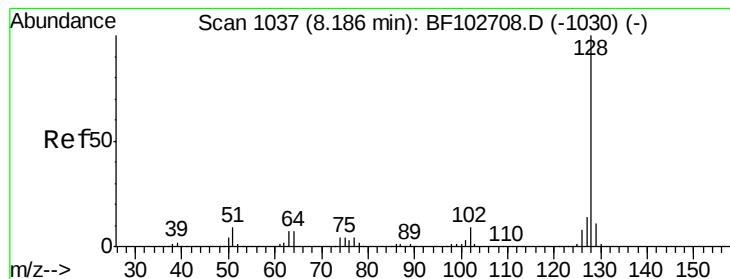
Tot Ion:162 Resp: 353069
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 38.1 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.03 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion:180 Resp: 341720
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.8 115.2
 145 33.8 26.5 39.7





#31

Naphthalene

Concen: 38.29 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

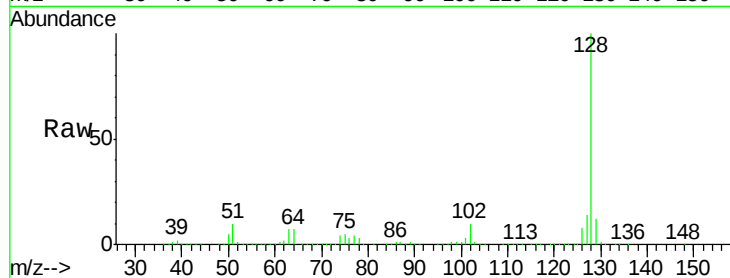
Tot Ion:128 Resp: 1197256

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

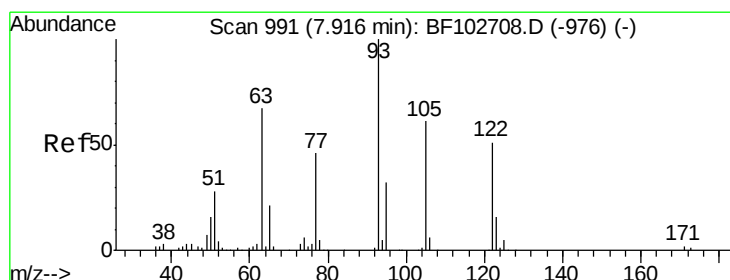
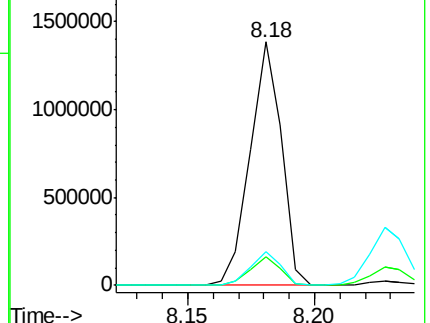
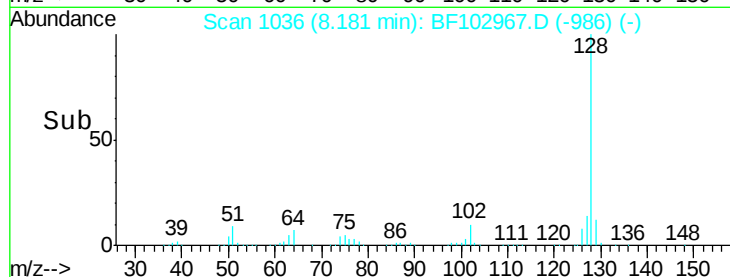
127 13.7 10.9 16.3



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: 15.58 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

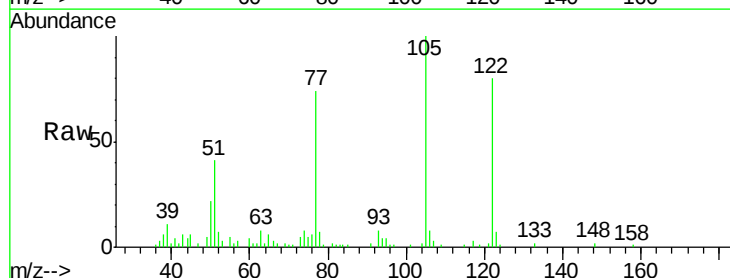
Tgt Ion:122 Resp: 47471

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

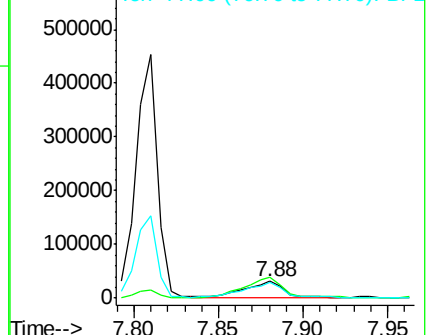
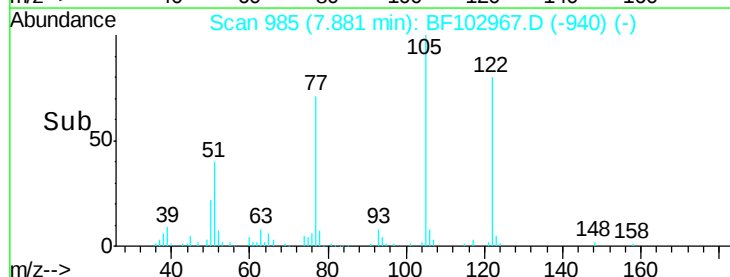
77 92.7 70.7 110.7



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

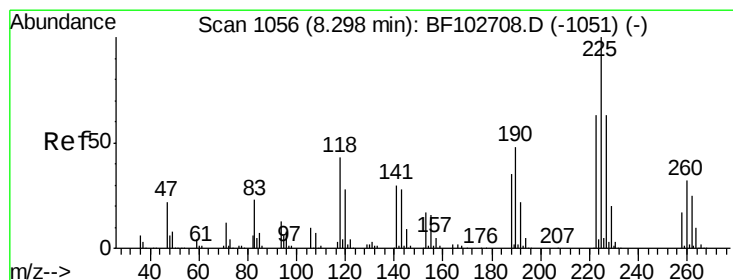
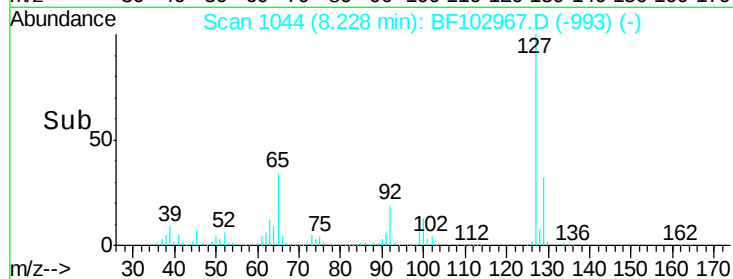
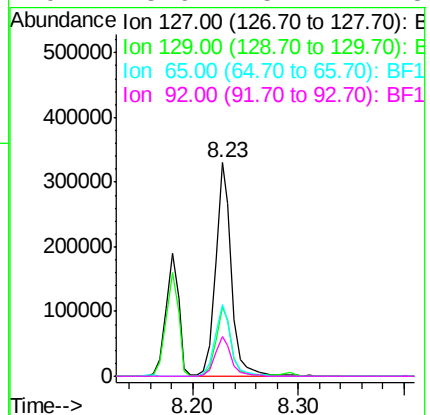
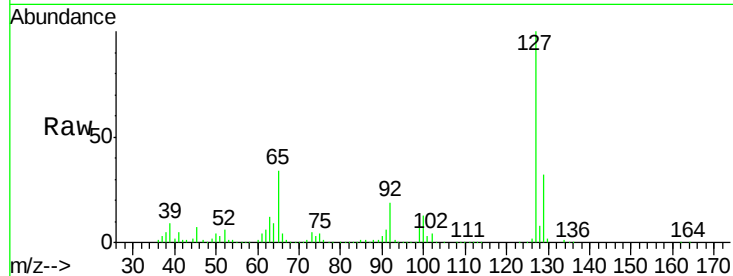




#33
4-Chloroaniline
Concen: 25.89 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

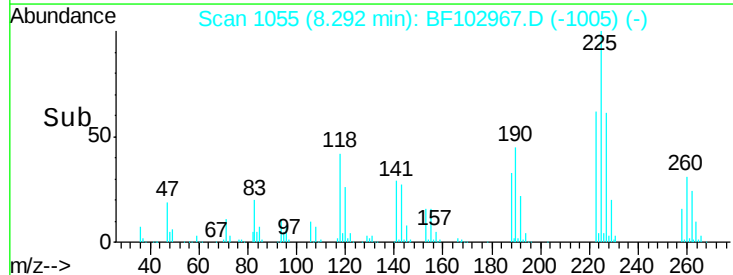
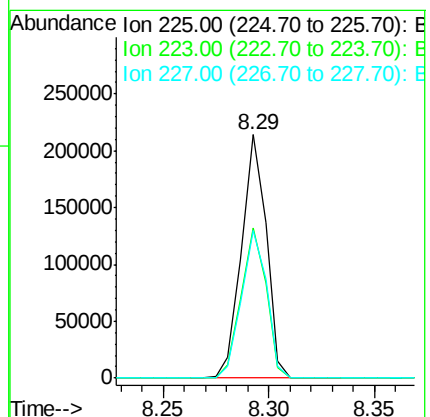
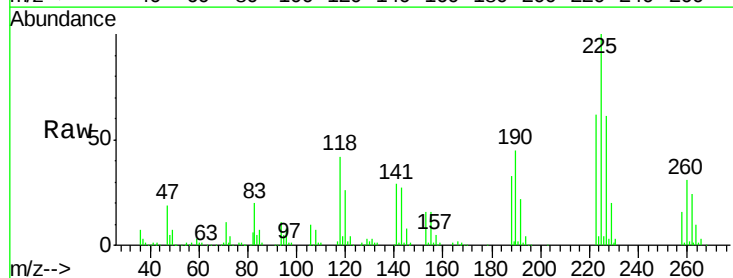
Instrument :
BNA_F
ClientSampleId :

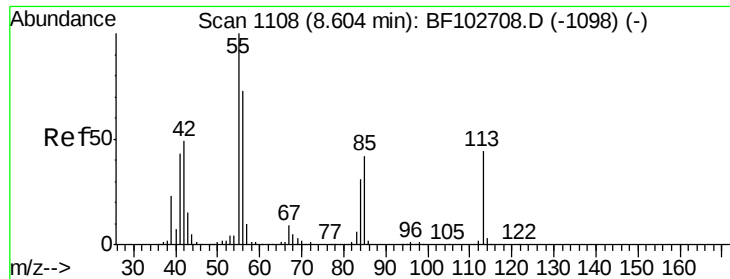
Tot Ion:127	Resp:	348701
Ion Ratio	Lower	Upper
127	100	
129	32.3	25.9 38.9
65	33.9	25.0 37.4
92	18.6	15.2 22.8



#34
Hexachlorobutadiene
Concen: 36.73 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:225	Resp:	173694
Ion Ratio	Lower	Upper
225	100	
223	61.7	50.6 76.0
227	60.8	51.9 77.9

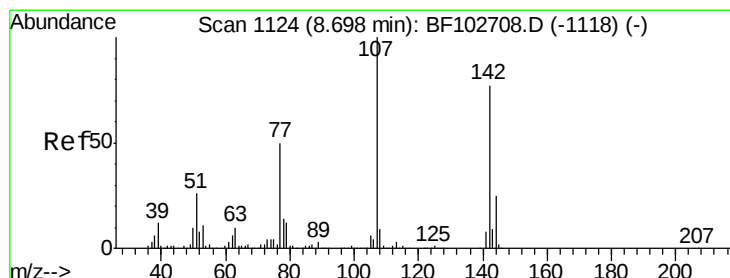
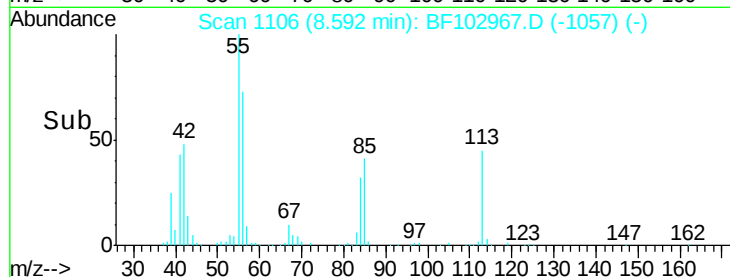
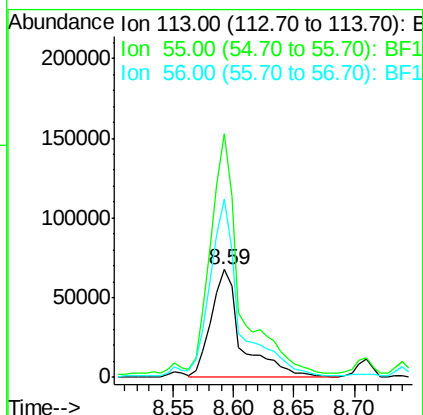
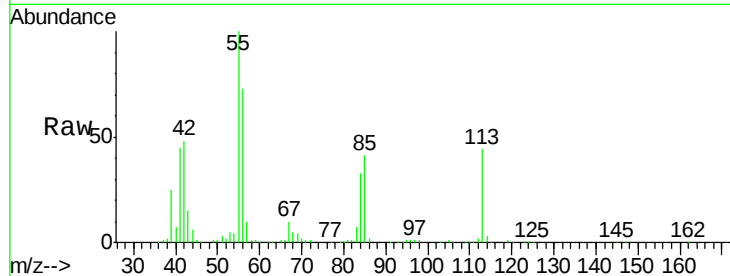




#35
Caprolactam
Concen: 42.09 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

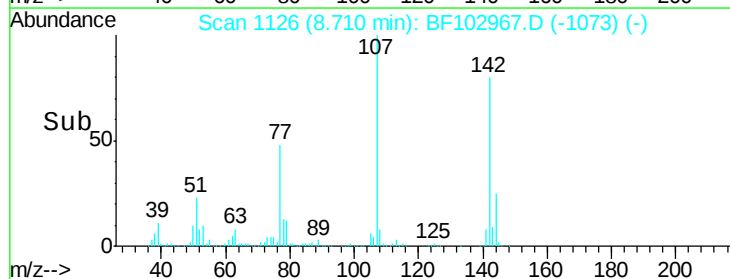
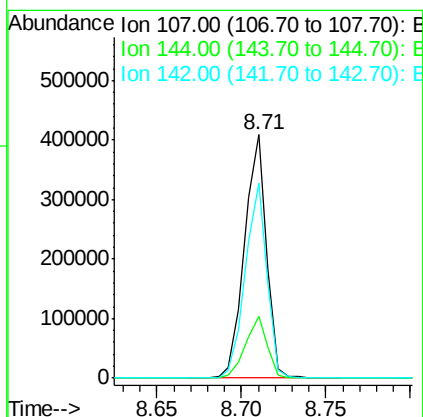
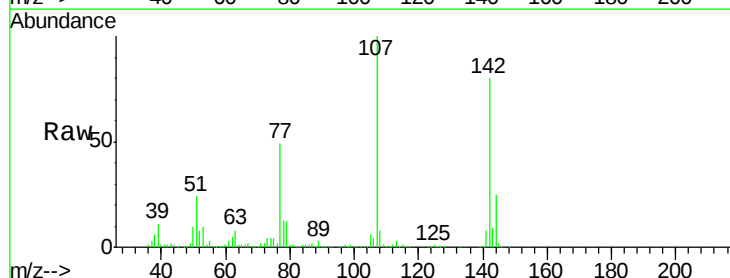
Instrument :
BNA_F
ClientSampleId :

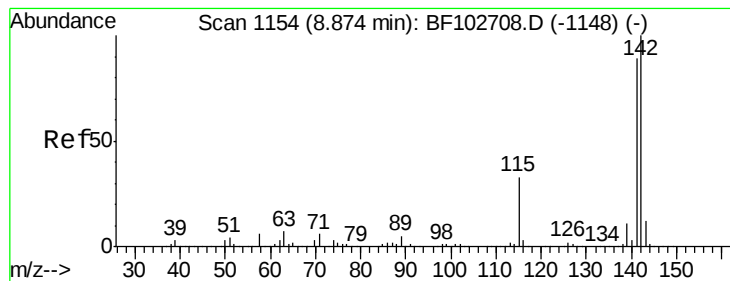
Tot Ion:113 Resp: 119255
Ion Ratio Lower Upper
113 100
55 225.9 163.3 203.3#
56 165.5 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 40.78 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:107 Resp: 373743
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 80.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.93 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

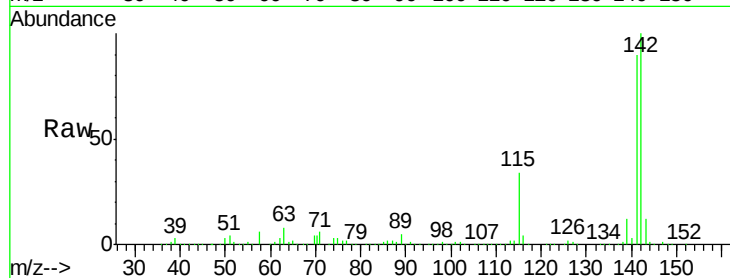
Tot Ion:142 Resp: 776404

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

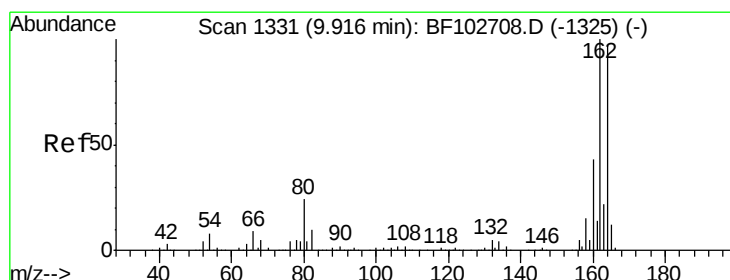
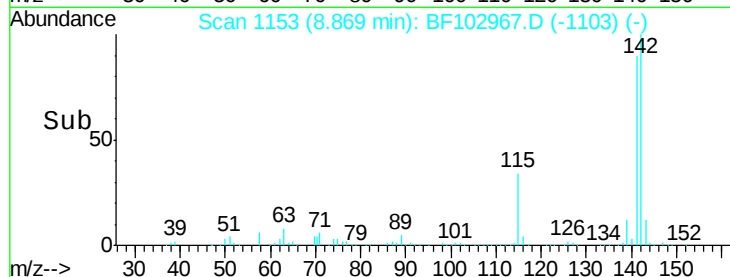
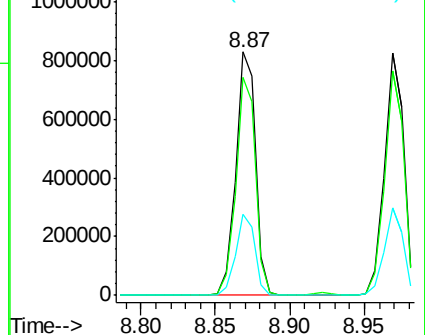
115 33.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

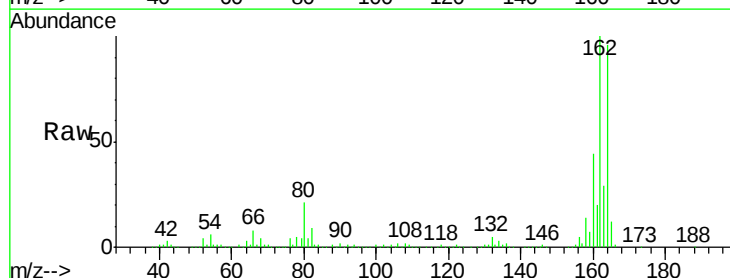
Tgt Ion:164 Resp: 259067

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

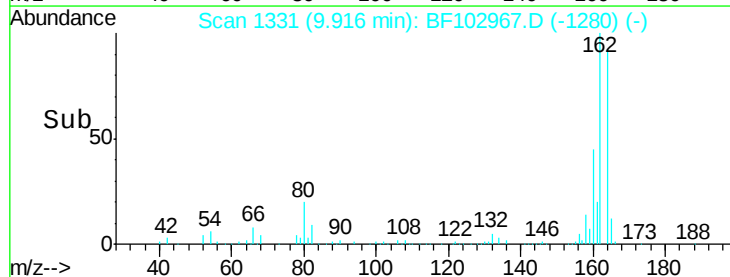
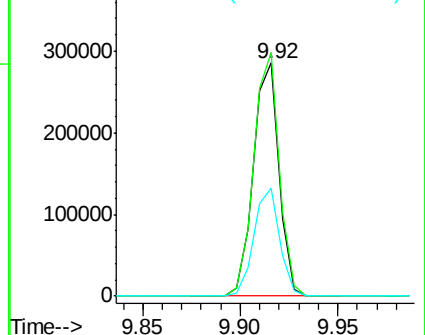
160 46.4 38.3 57.5

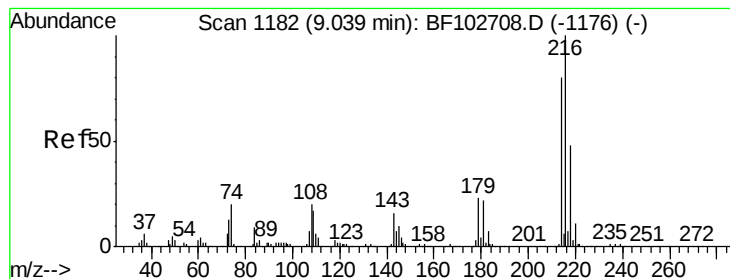


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.13 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 290142

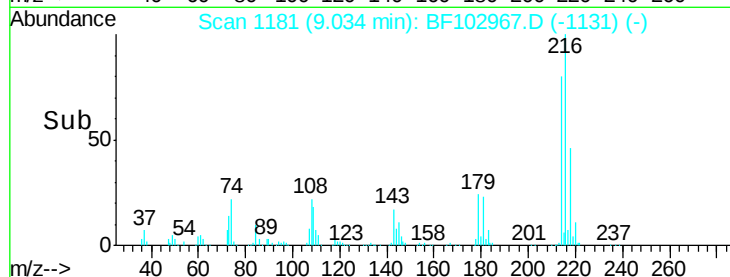
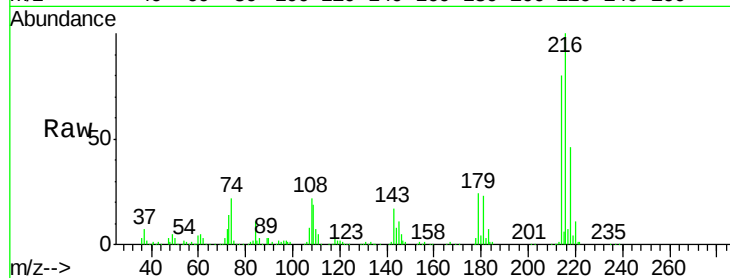
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 23.2 18.1 27.1

108 21.9 17.2 25.8

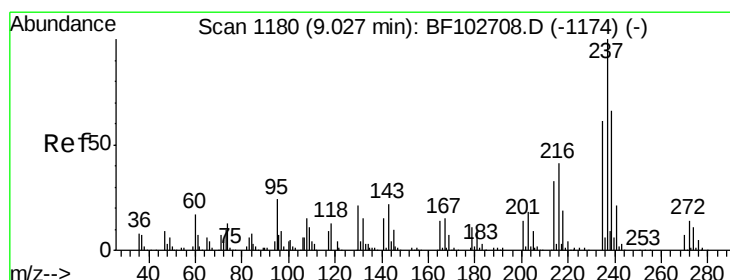
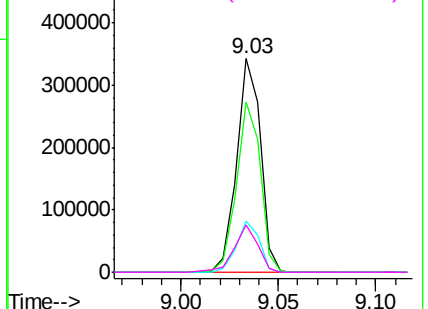


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.32 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

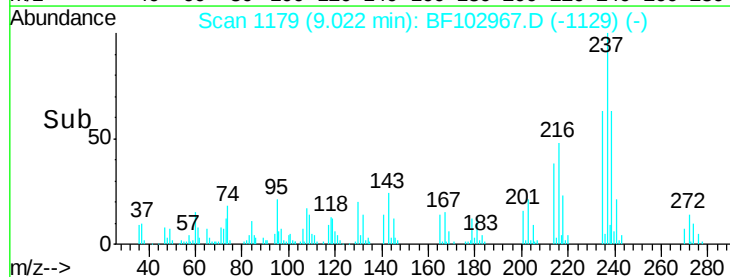
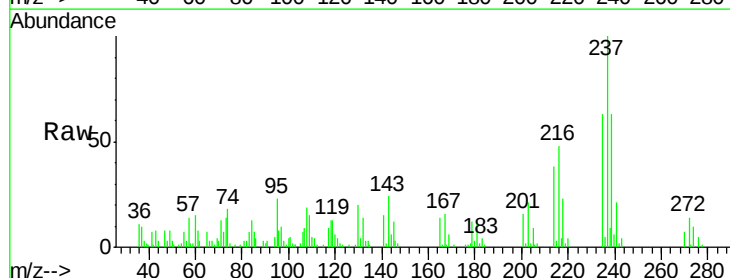
Tgt Ion:237 Resp: 41308

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

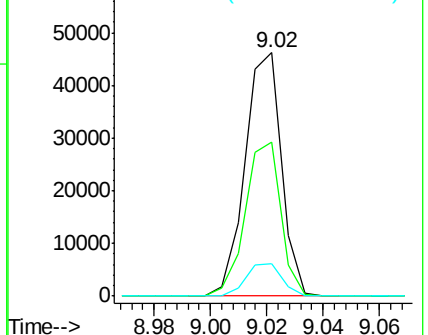
272 13.5 0.0 33.3

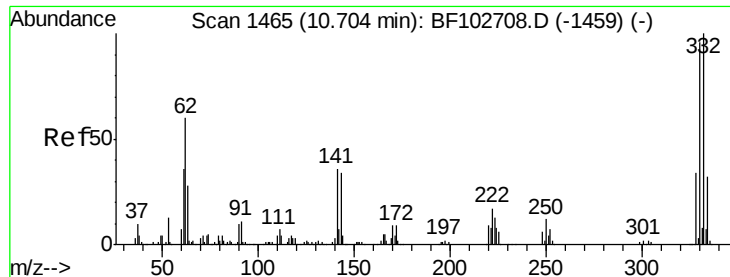


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

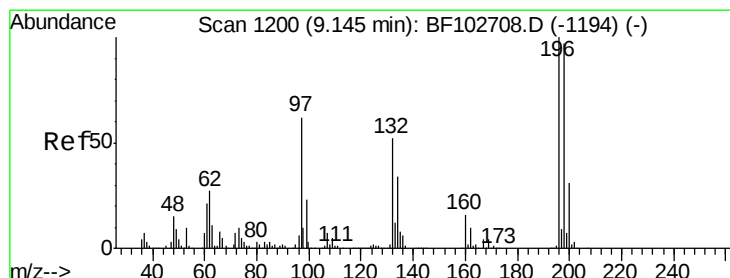
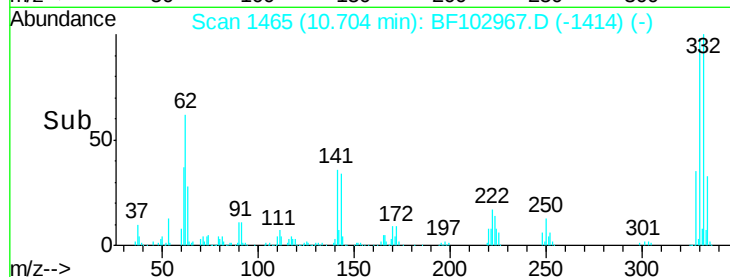
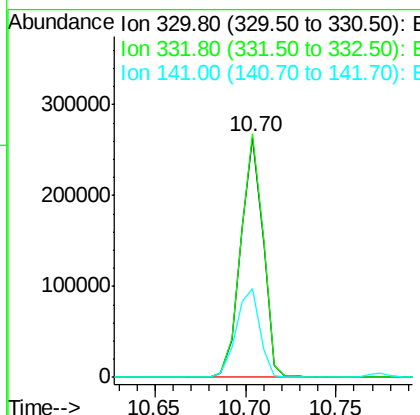
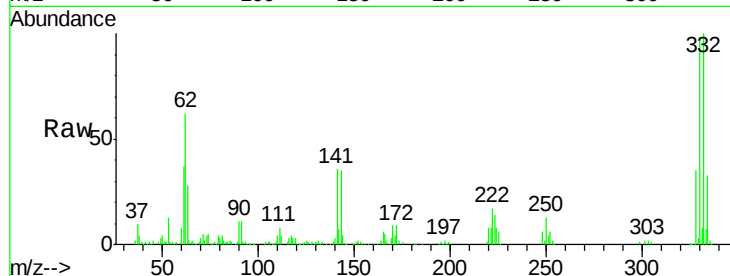




#41
 2,4,6-Tribromophenol
 Concen: 108.35 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

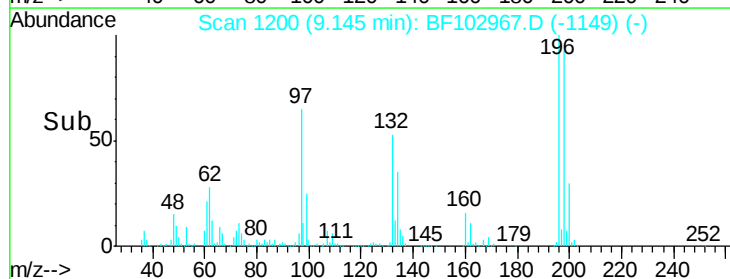
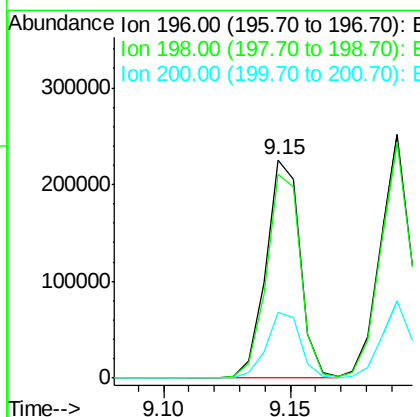
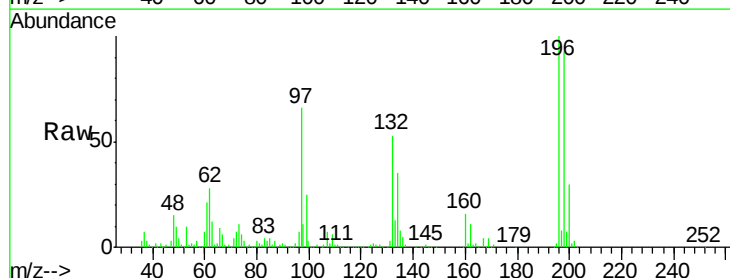
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	40.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.77 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
200	29.9	24.5	36.7

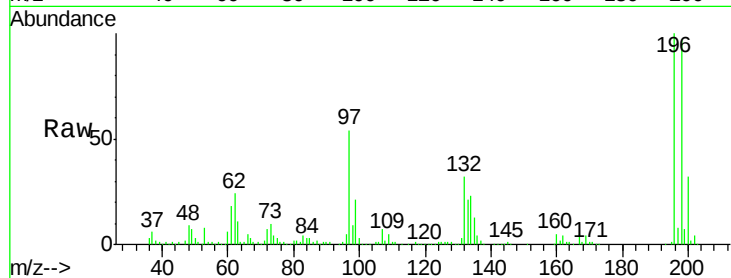




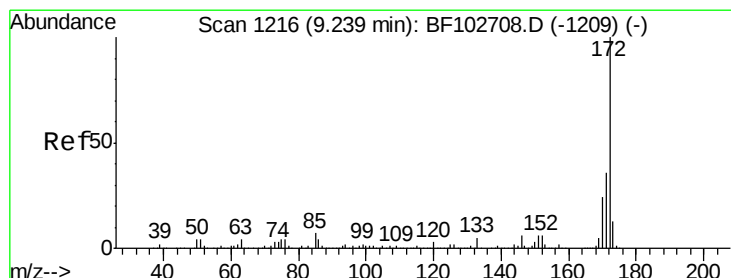
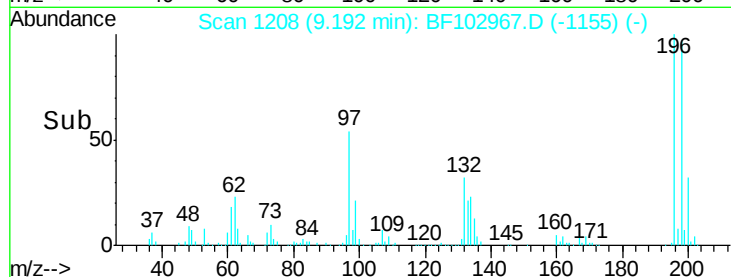
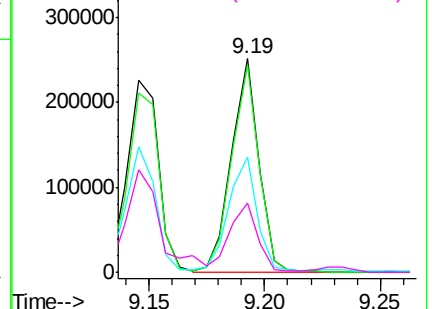
#43
 2,4,5-Trichlorophenol
 Concen: 39.72 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	207396
Ion Ratio	Lower	Upper
196	100	
198	97.1	74.6 112.0
97	54.1	42.9 64.3
132	32.5	26.3 39.5

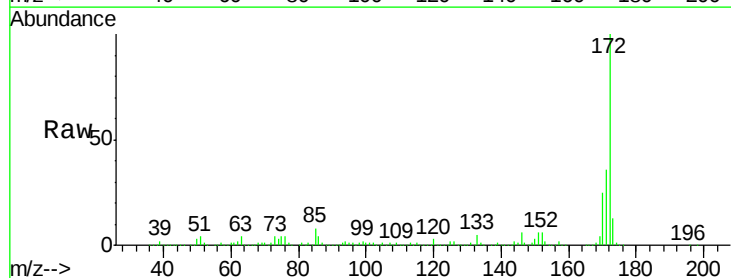


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

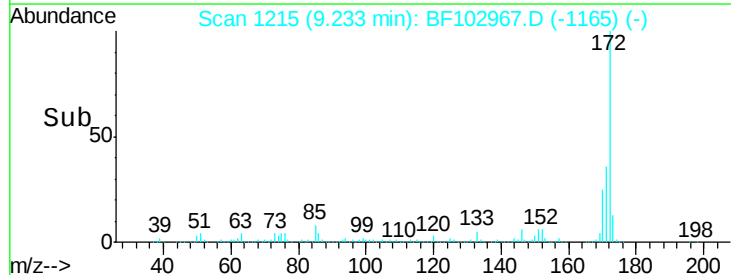
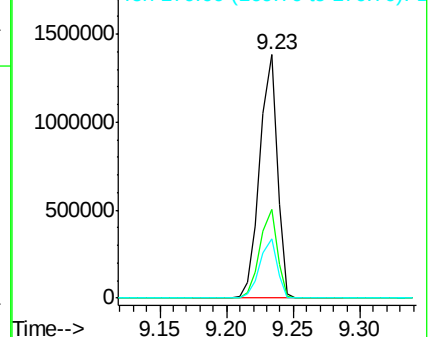


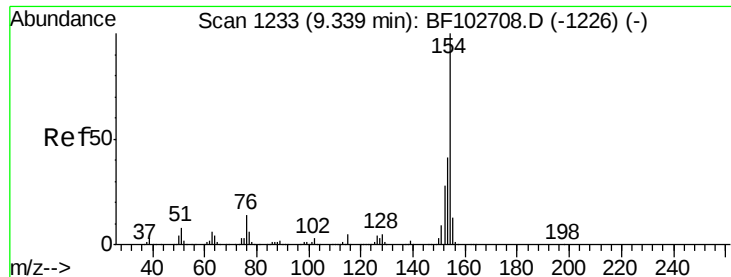
#44
 2-Fluorobiphenyl
 Concen: 79.18 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion:172	Resp:	1236125
Ion Ratio	Lower	Upper
172	100	
171	36.3	29.7 44.5
170	24.5	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: 39.11 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

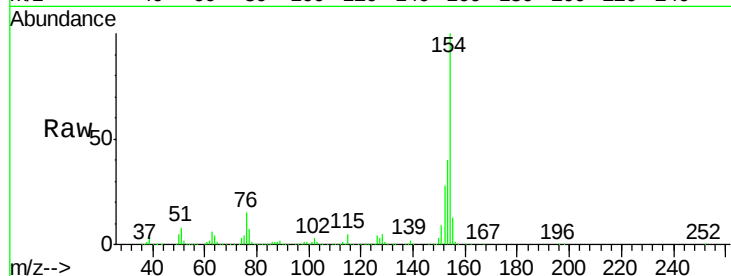
Tot Ion:154 Resp: 853397

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

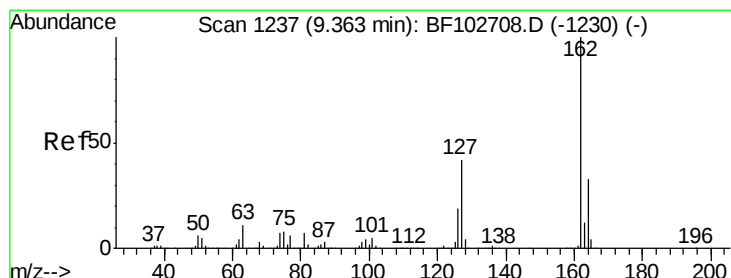
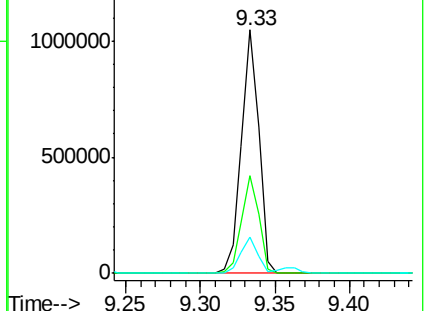
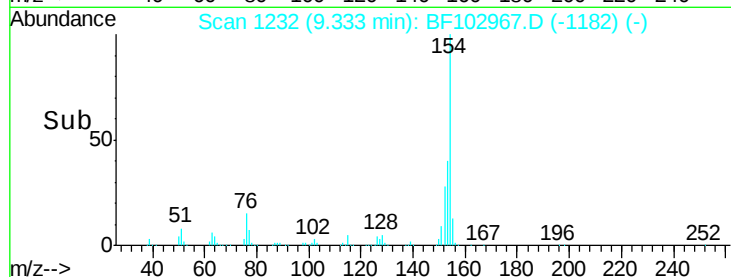
76 15.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.63 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

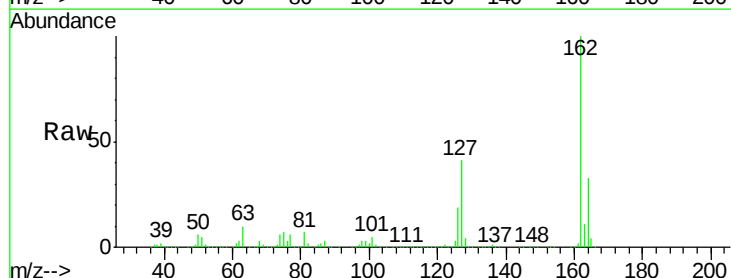
Tgt Ion:162 Resp: 663565

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

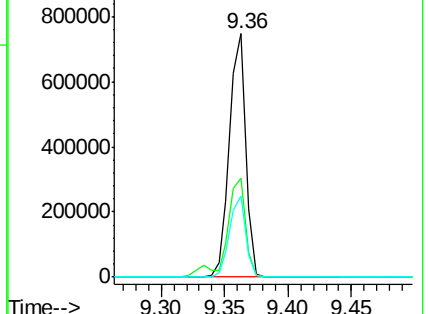
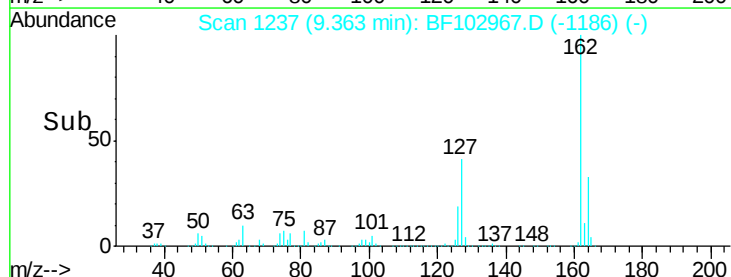
164 33.3 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.07 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

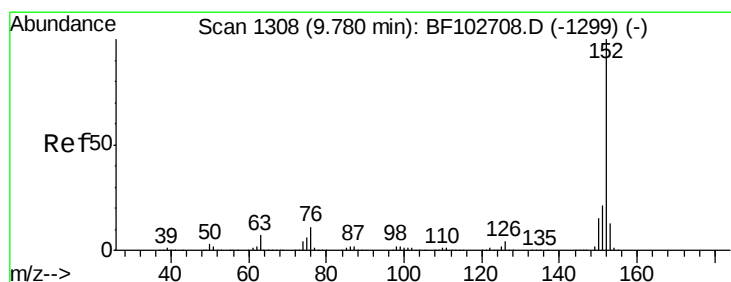
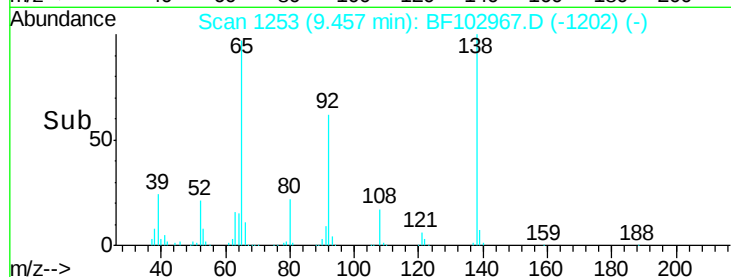
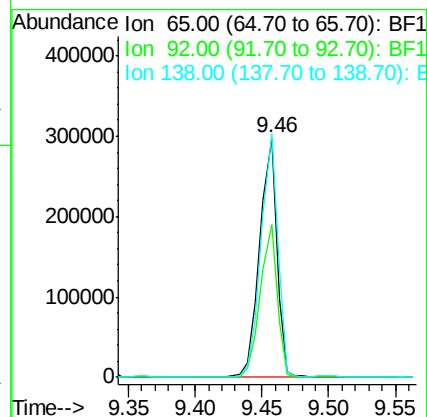
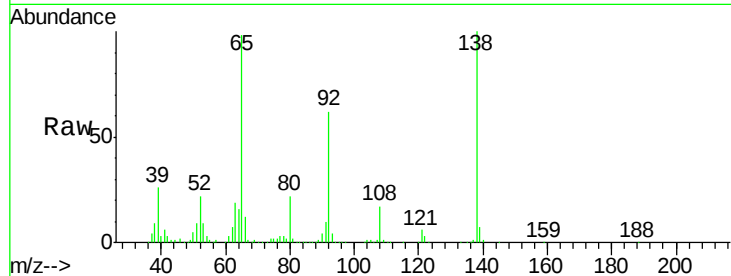
Tot Ion: 65 Resp: 260573

Ion Ratio Lower Upper

65 100

92 63.8 55.8 83.6

138 102.0 91.2 136.8



#48

Acenaphthylene

Concen: 37.22 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

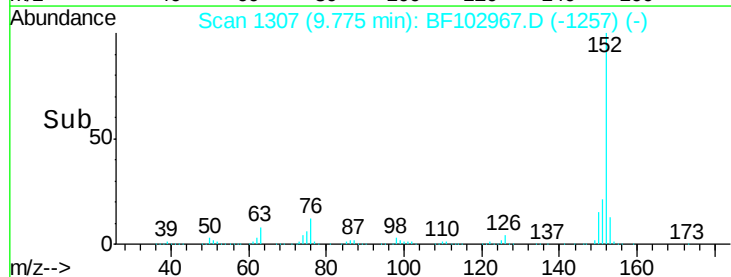
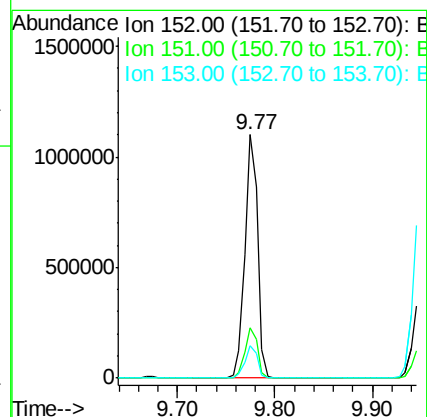
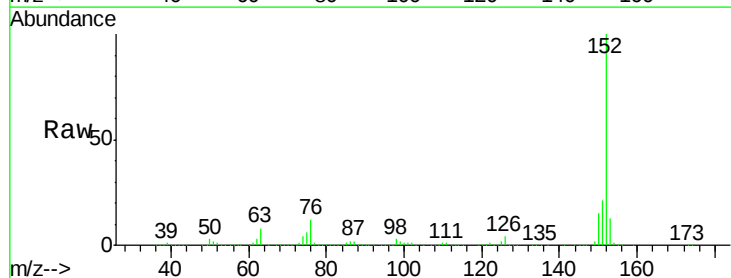
Tgt Ion: 152 Resp: 992986

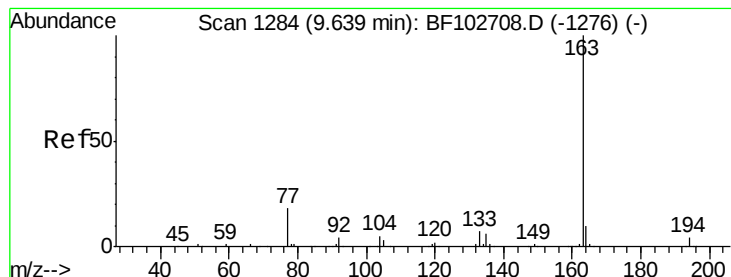
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 47.35 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

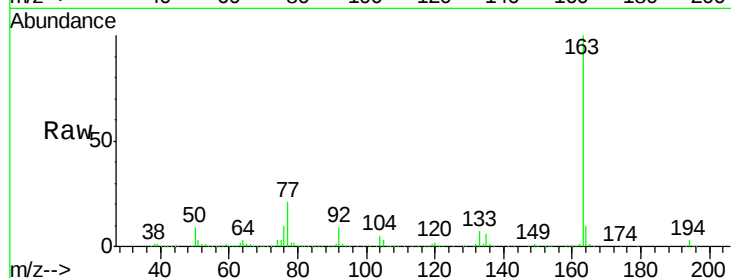
Tot Ion:163 Resp: 956506

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

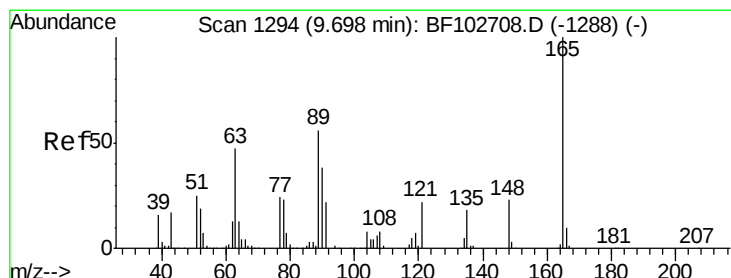
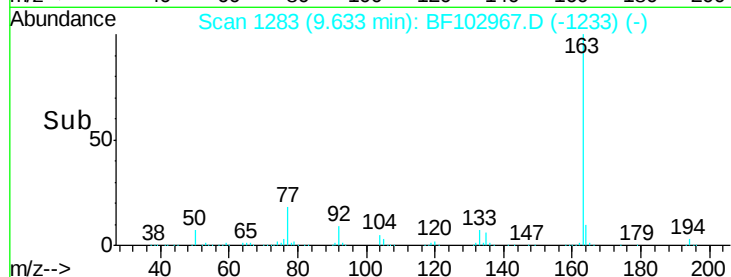
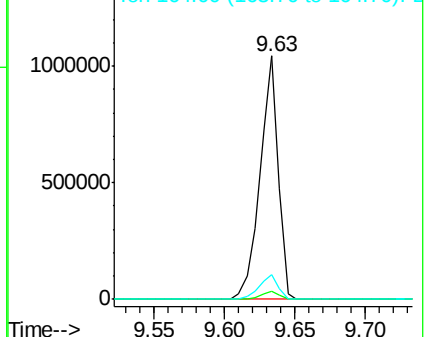
164 10.1 8.2 12.2



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: 44.11 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

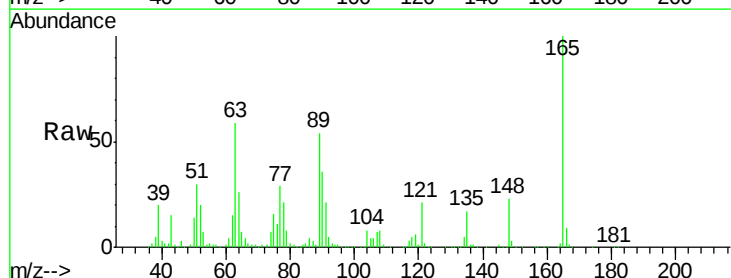
Tgt Ion:165 Resp: 169524

Ion Ratio Lower Upper

165 100

63 58.7 44.7 67.1

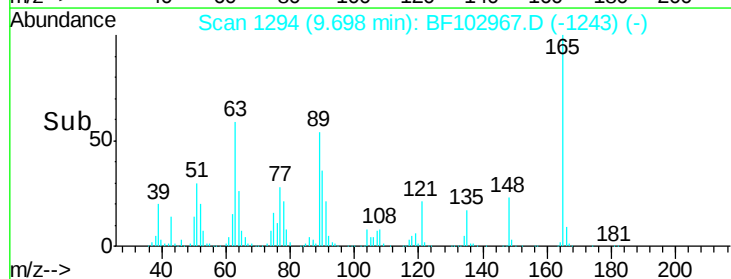
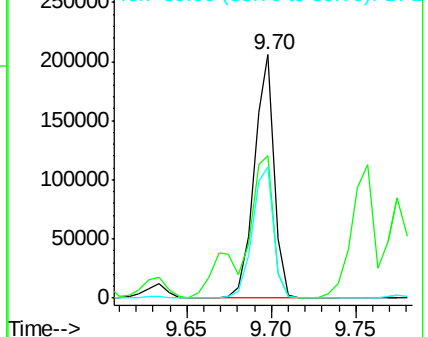
89 53.7 44.0 66.0

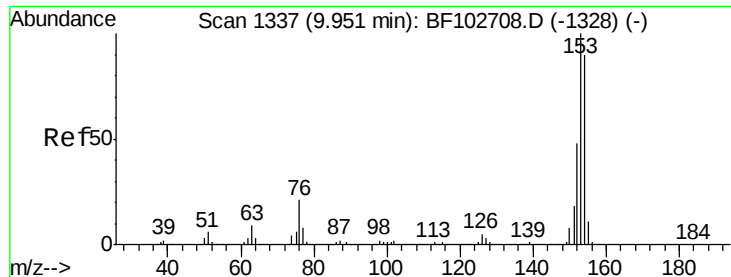


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.57 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

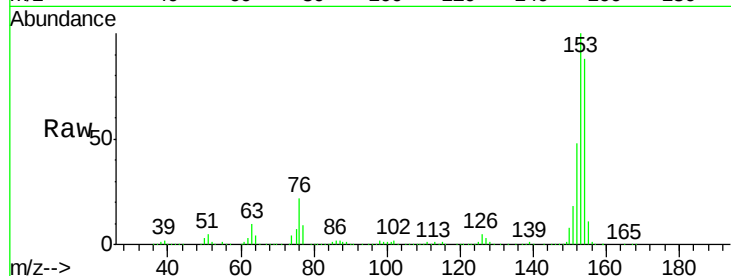
Tot Ion:154 Resp: 567617

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

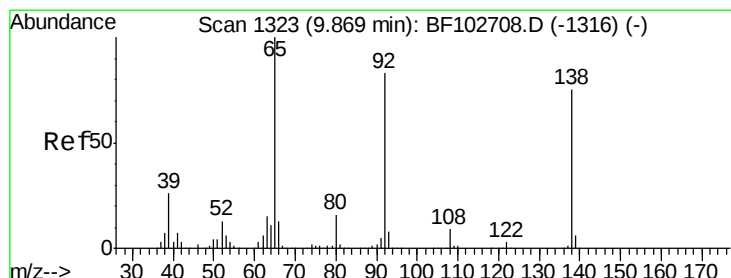
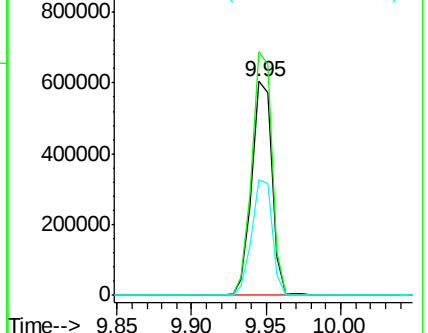
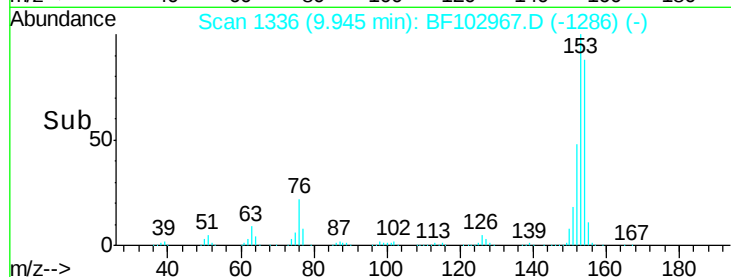
152 54.2 43.8 65.8



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: 37.32 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

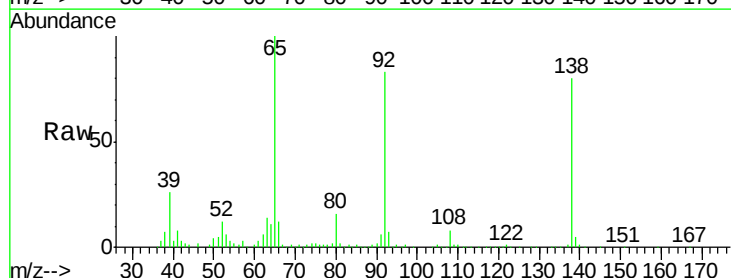
Tgt Ion:138 Resp: 176496

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

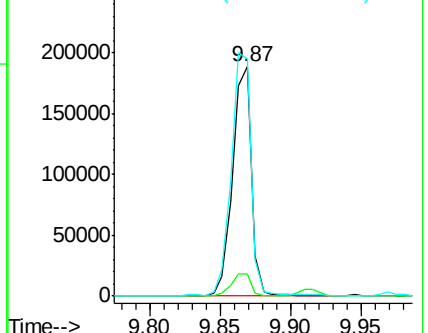
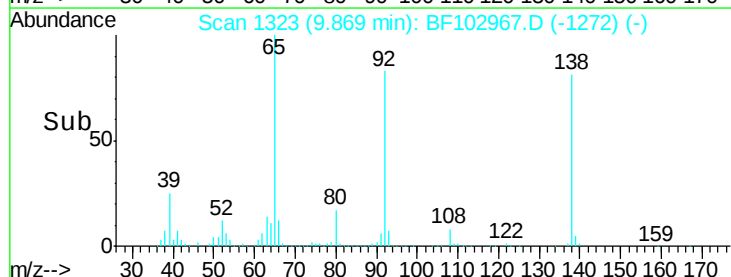
92 103.6 89.4 134.2

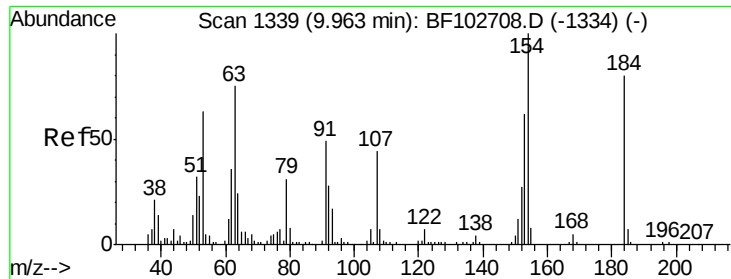


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

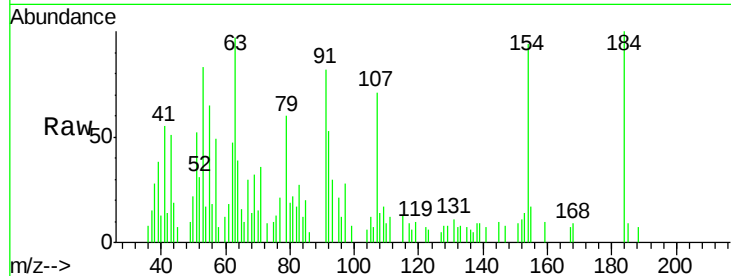




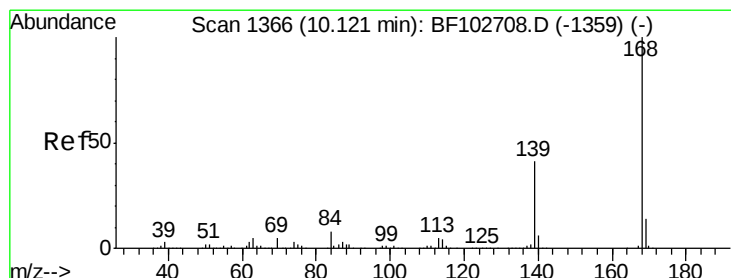
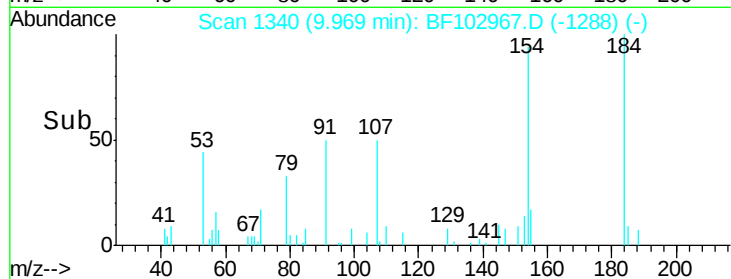
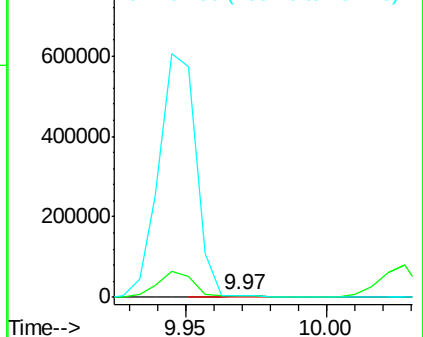
#53
2,4-Dinitrophenol
Concen: 15.05 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 5225
Ion Ratio Lower Upper
184 100
63 97.2 54.2 81.2#
154 93.8 184.0 276.0#

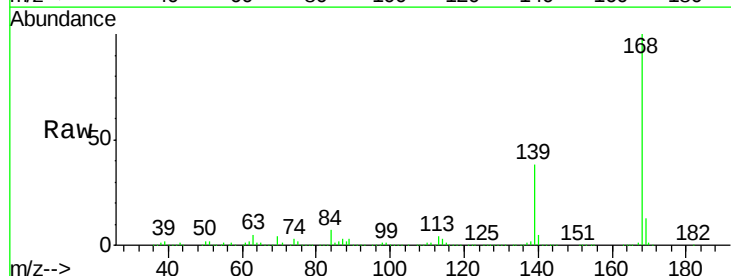


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

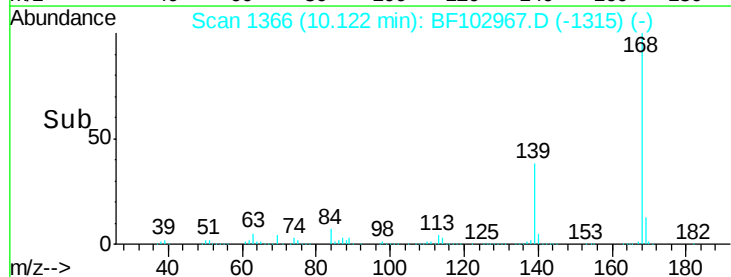
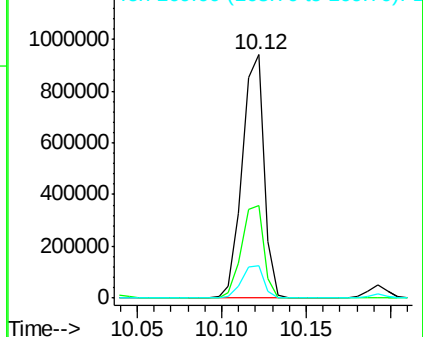


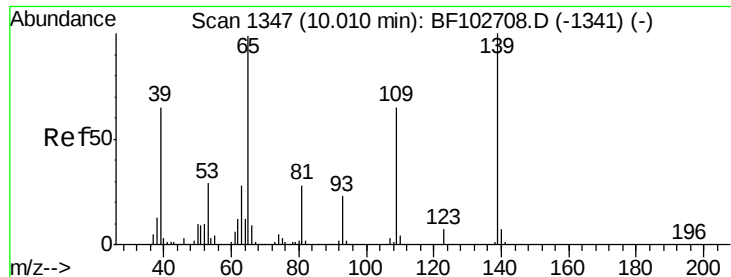
#54
Dibenzofuran
Concen: 37.87 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:168 Resp: 851595
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.2 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

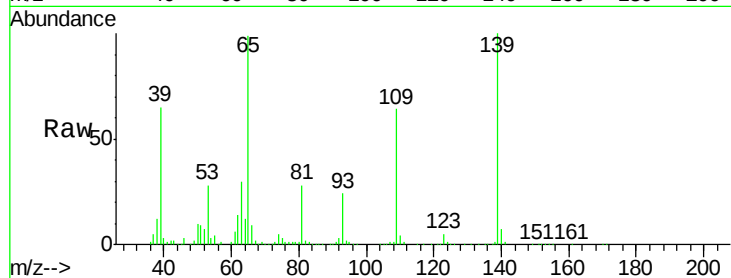




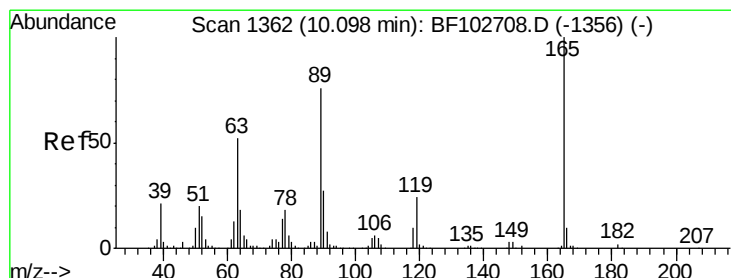
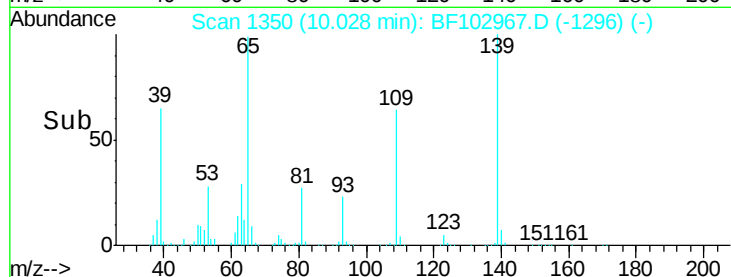
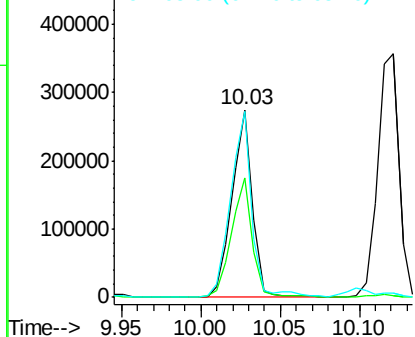
#55
4-Nitrophenol
Concen: 64.44 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 247196
Ion Ratio Lower Upper
139 100
109 63.7 48.4 88.4
65 99.4 72.6 112.6

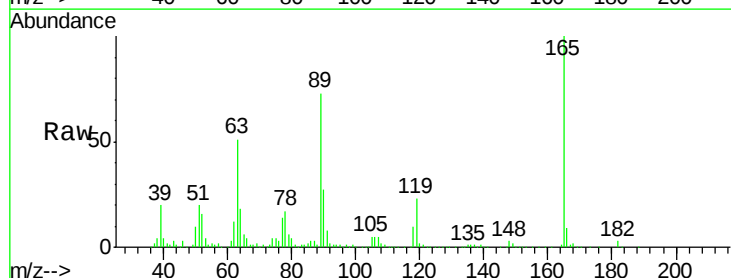


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

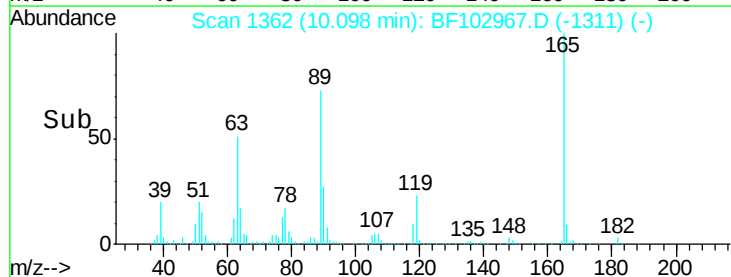
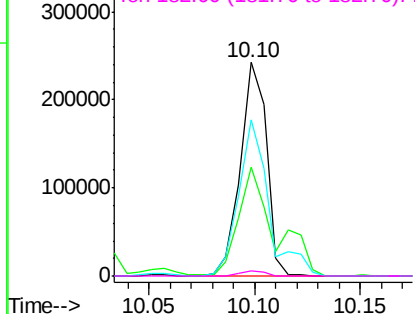


#56
2,4-Dinitrotoluene
Concen: 40.58 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:165 Resp: 206535
Ion Ratio Lower Upper
165 100
63 51.0 36.4 54.6
89 72.9 57.8 86.6
182 2.6 1.6 2.4#



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

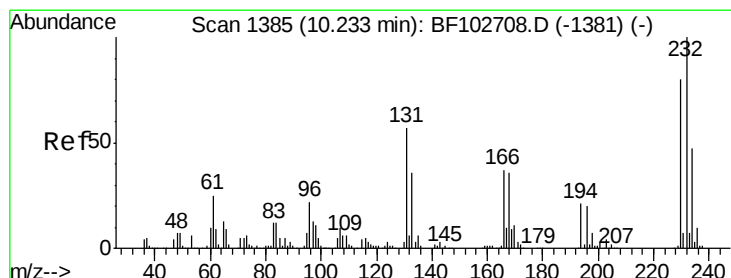
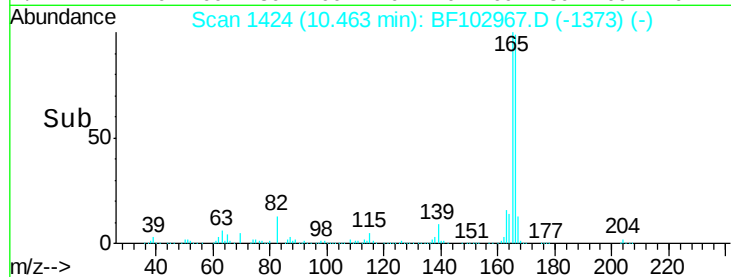
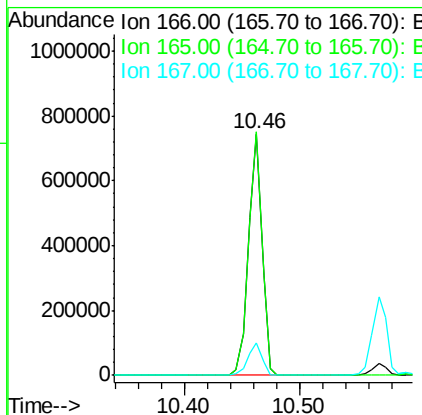
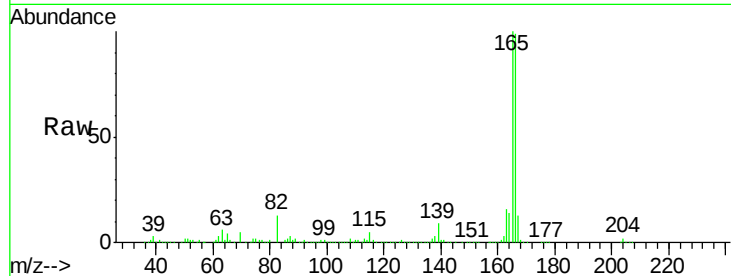




#57
 Fluorene
 Concen: 37.07 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

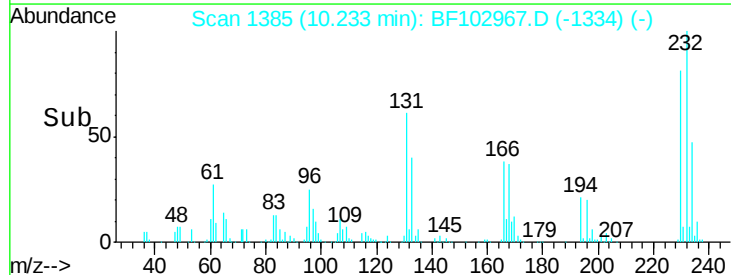
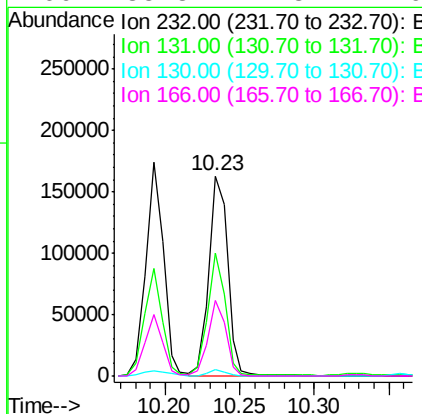
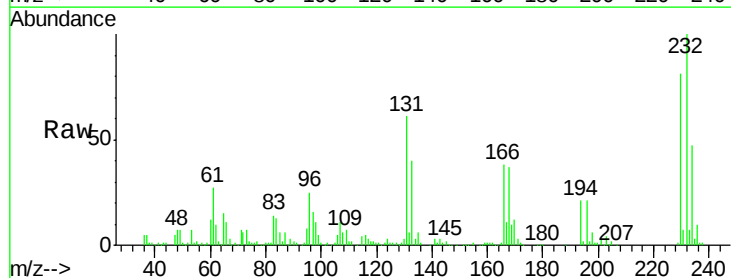
Instrument :
 BNA_F
 ClientSampleId :

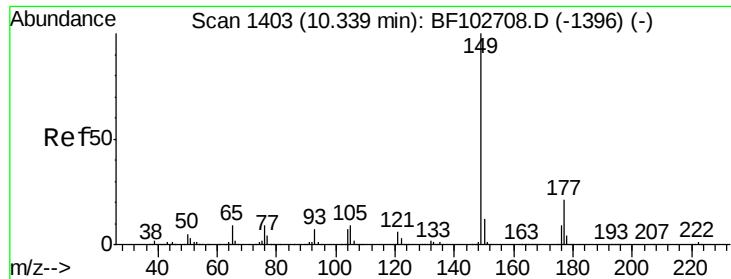
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.68 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.1	43.8	65.8
130	2.9	2.1	3.1
166	35.8	27.8	41.6

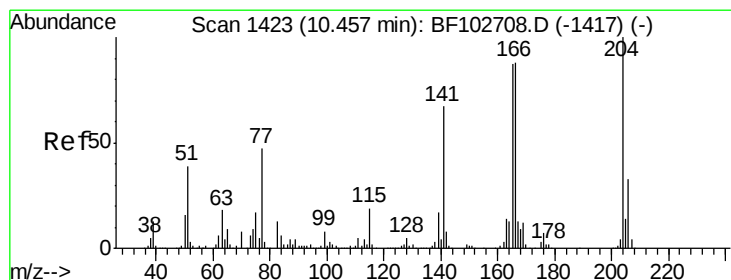
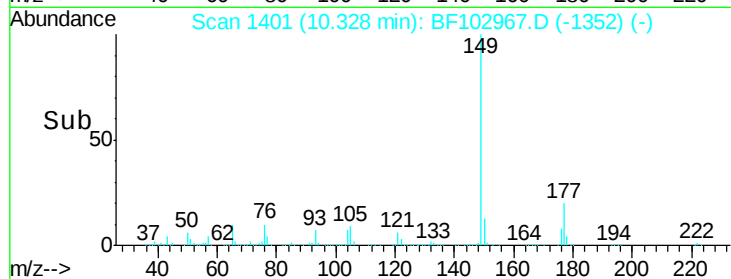
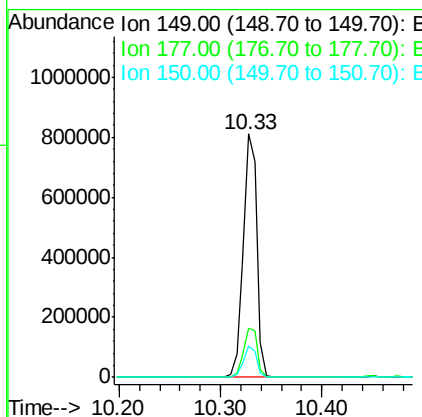
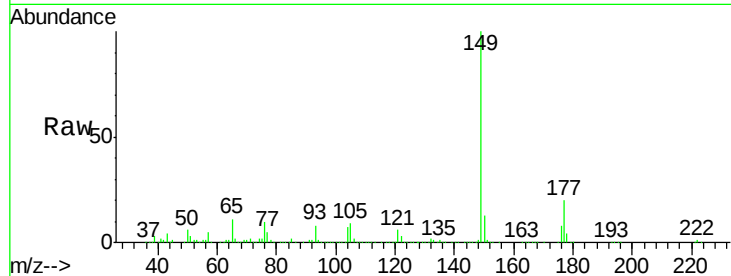




#59
Diethylphthalate
Concen: 37.57 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

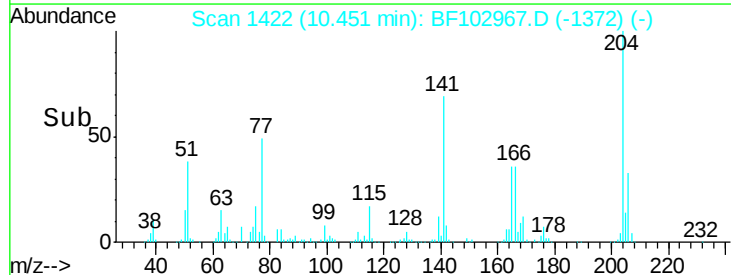
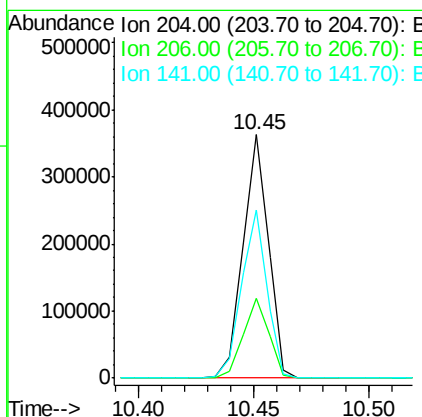
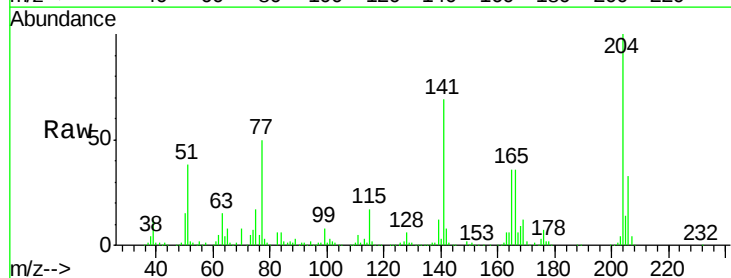
Instrument :
BNA_F
ClientSampled :

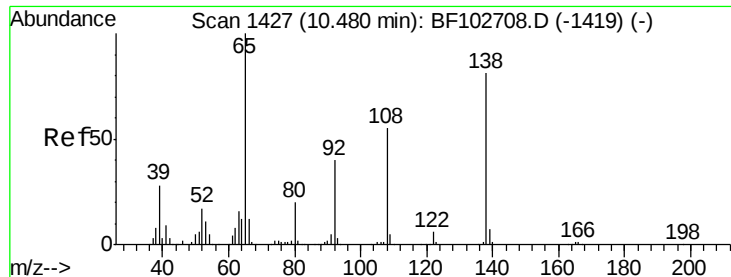
Tot Ion:149 Resp: 749292
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.70 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:204 Resp: 280061
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 69.1 54.6 81.8

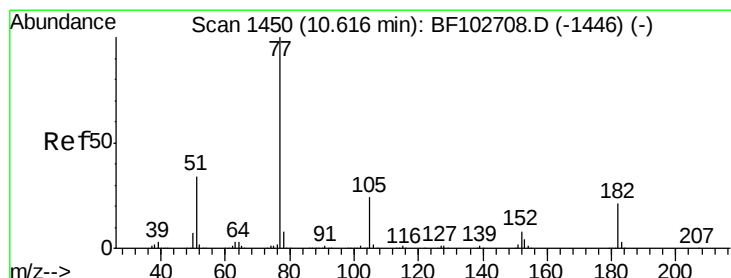
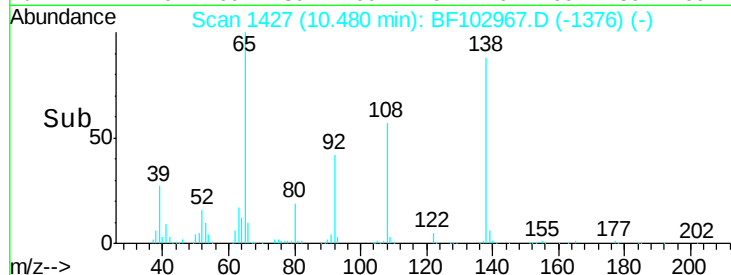
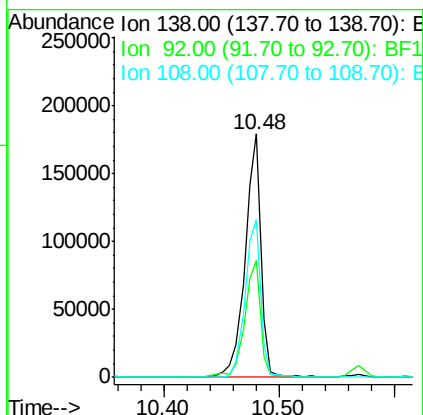
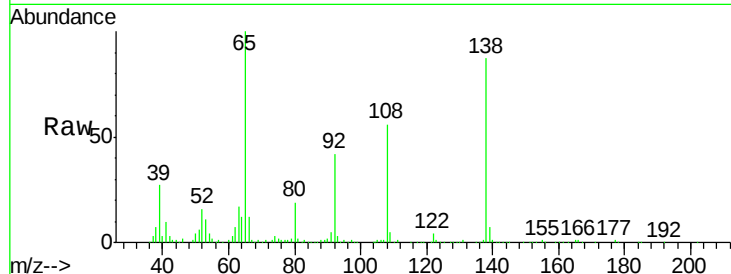




#61
4-Nitroaniline
Concen: 37.98 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

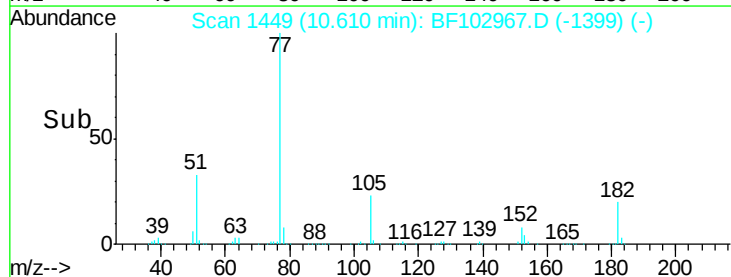
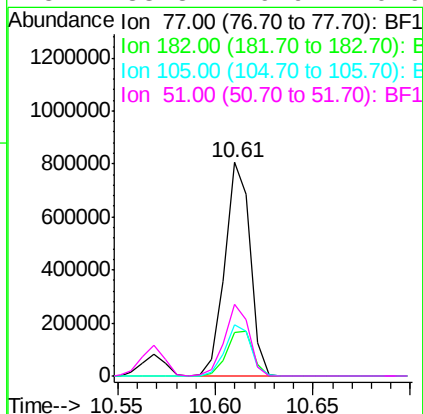
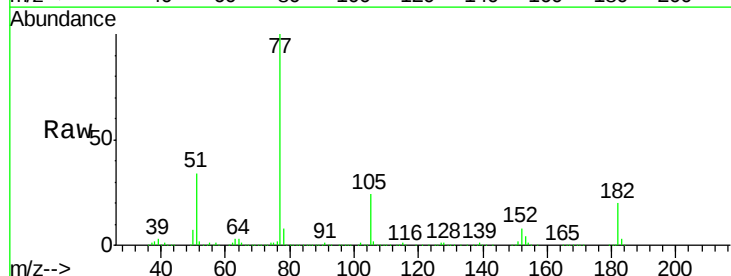
Instrument :
BNA_F
ClientSampled :

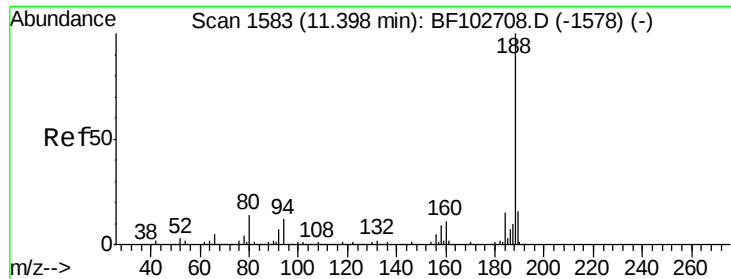
Tot Ion:138 Resp: 170941
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 64.7 52.5 92.5



#62
Azobenzene
Concen: 36.24 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion: 77 Resp: 722071
Ion Ratio Lower Upper
77 100
182 20.3 1.7 41.7
105 23.8 3.0 43.0
51 33.8 9.9 49.9

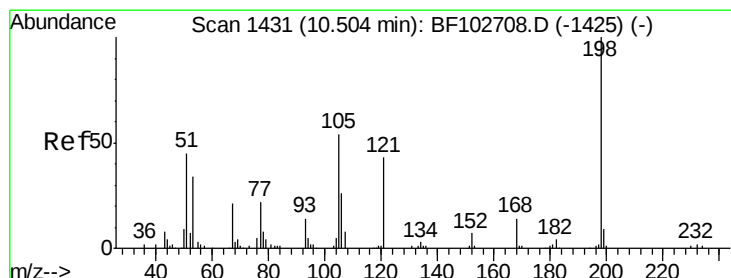
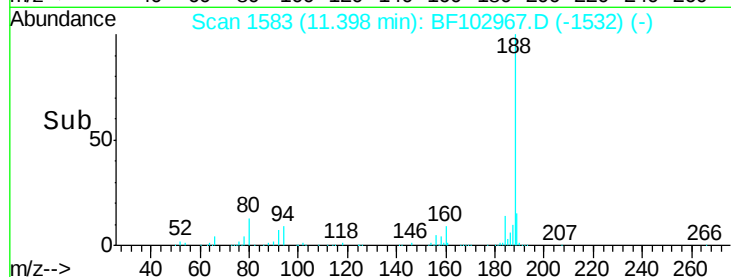
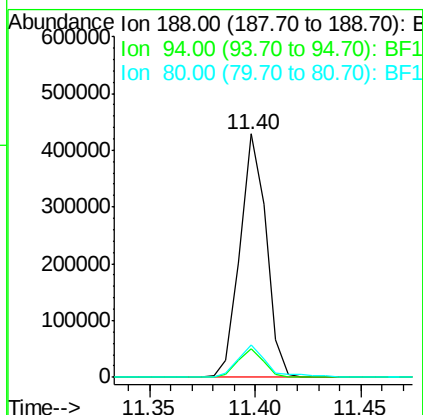
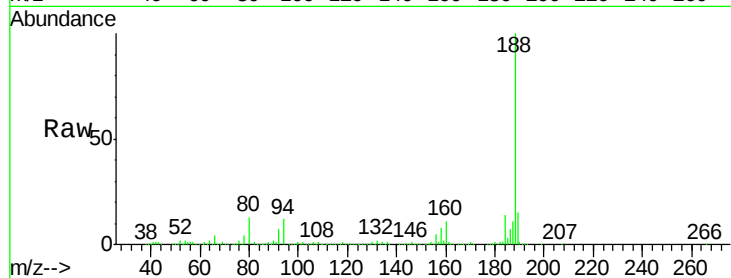




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

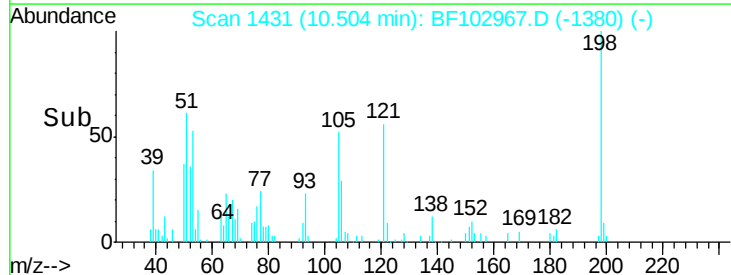
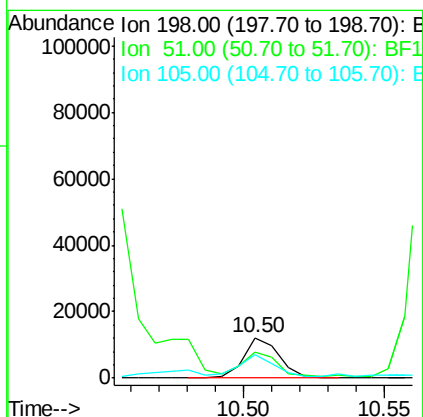
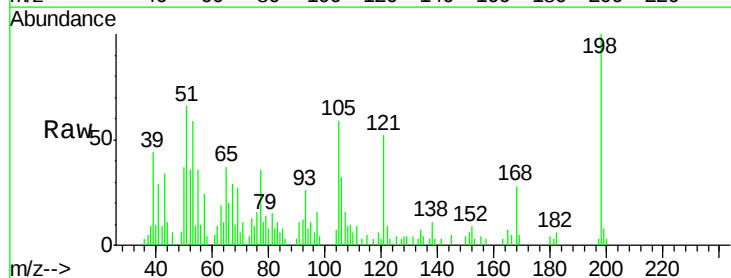
Instrument :
BNA_F
ClientSampled :

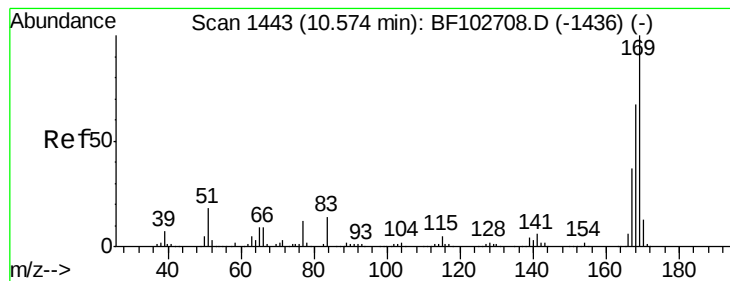
Tot Ion:188 Resp: 366893
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 14.90 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:198 Resp: 10267
Ion Ratio Lower Upper
198 100
51 65.6 37.7 77.7
105 59.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 43.38 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampled :

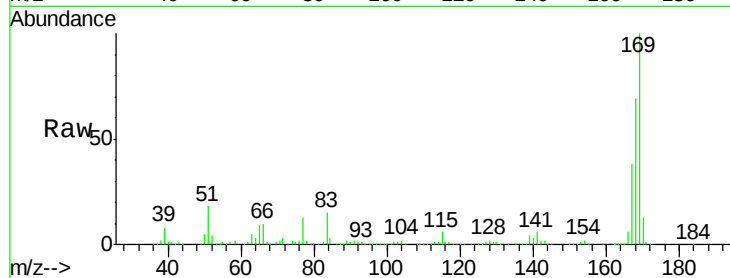
Tot Ion:169 Resp: 561336

Ion Ratio Lower Upper

169 100

168 68.7 54.4 81.6

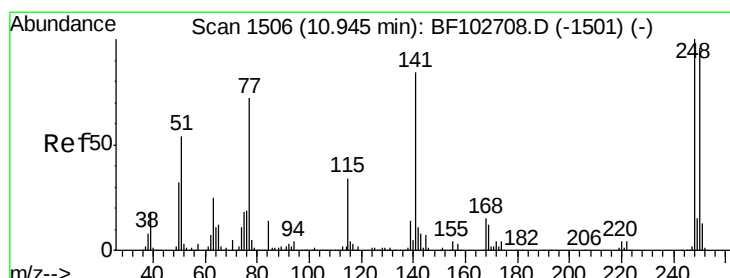
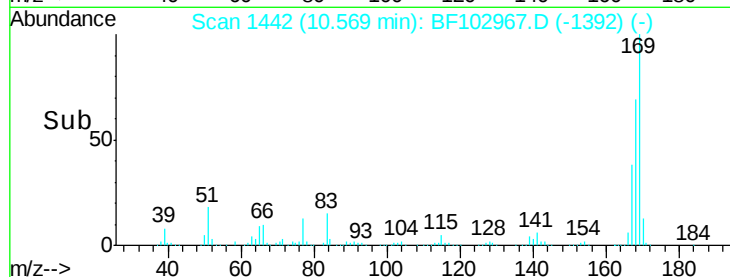
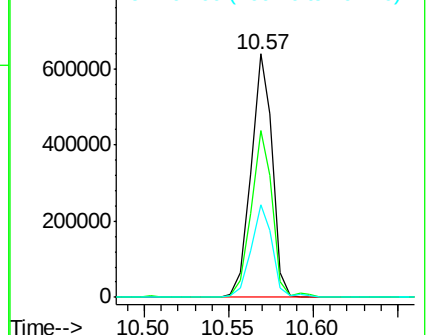
167 38.1 29.8 44.6



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: 42.23 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

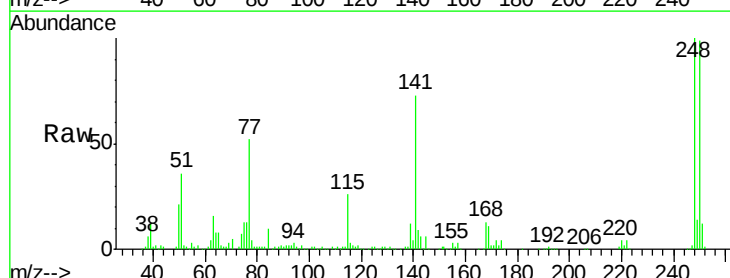
Tgt Ion:248 Resp: 163888

Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

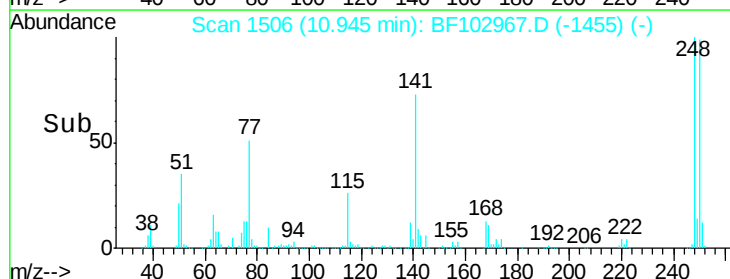
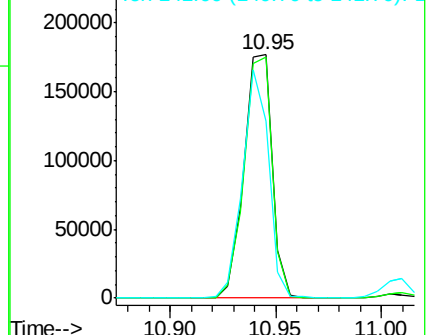
141 72.9 74.4 111.6#

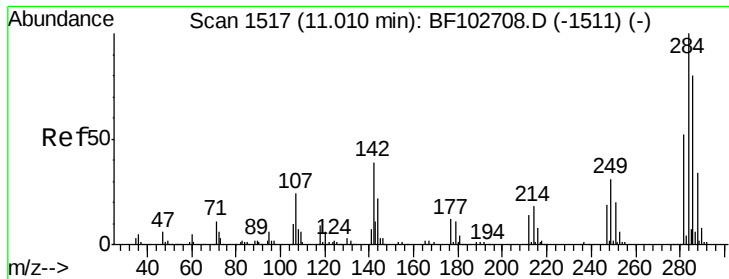


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

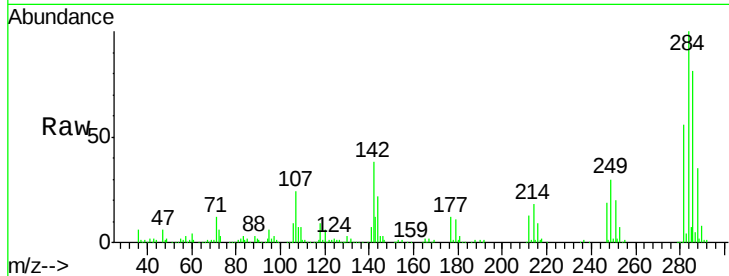




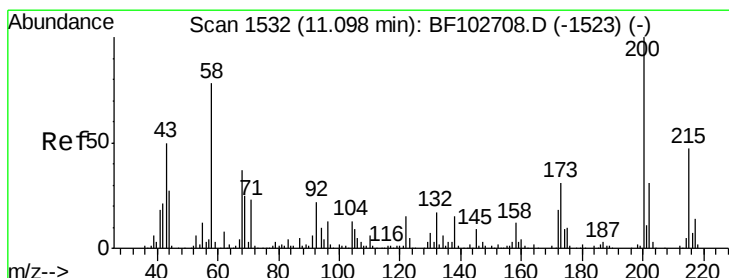
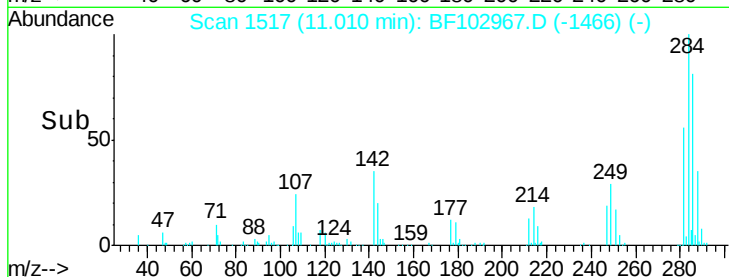
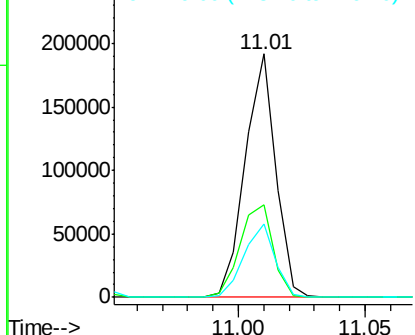
#67
Hexachlorobenzene
Concen: 37.37 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 160012
Ion Ratio Lower Upper
284 100
142 37.9 34.6 52.0
249 30.1 24.8 37.2

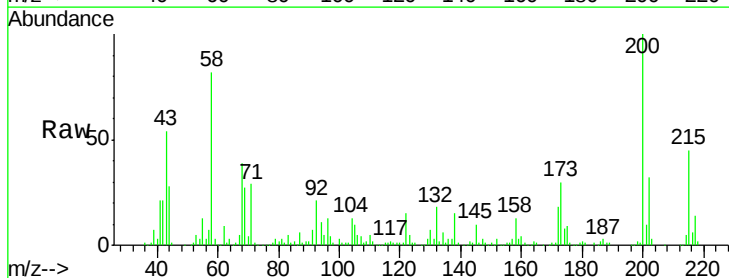


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

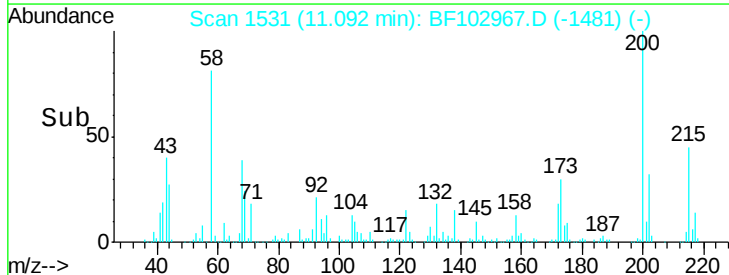
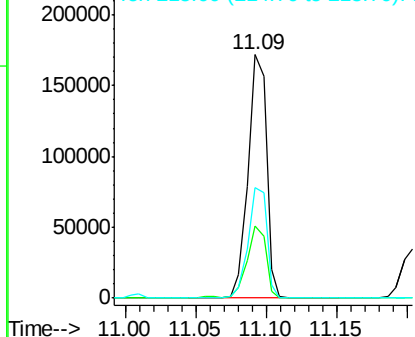


#68
Atrazine
Concen: 41.65 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:200 Resp: 159032
Ion Ratio Lower Upper
200 100
173 29.6 8.6 48.6
215 45.3 25.1 65.1



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

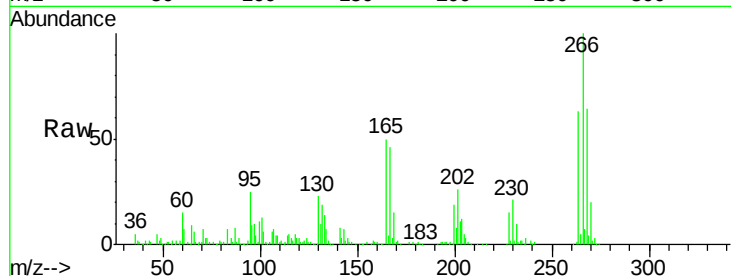




#69
 Pentachlorophenol
 Concen: 63.17 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.4	49.5	74.3

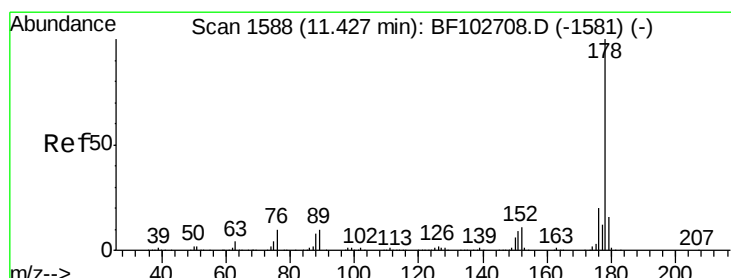
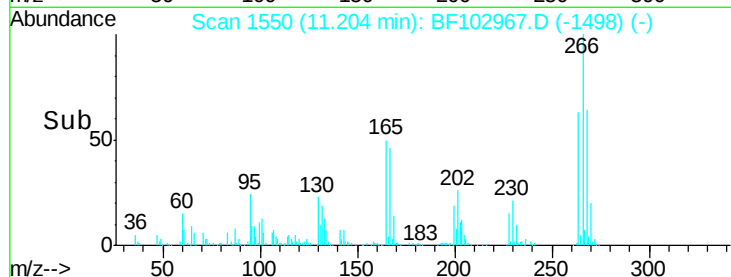
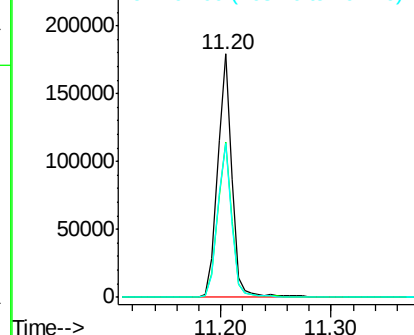


Abundance

Ion 265.70 (265.40 to 266.40): E

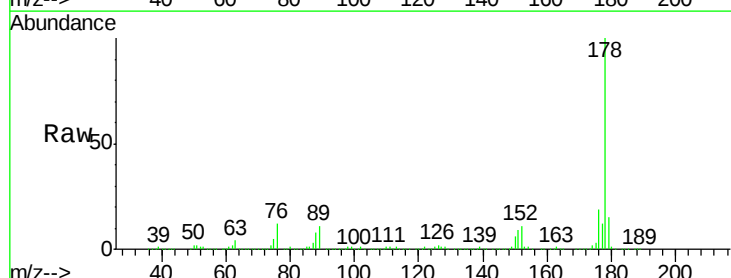
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 38.71 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6

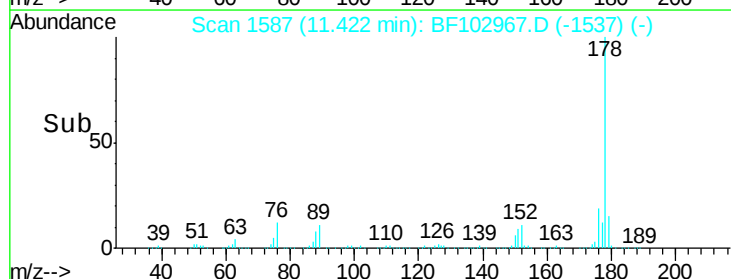
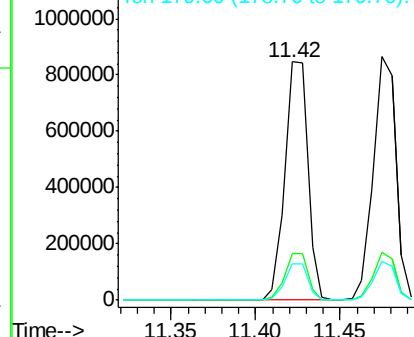


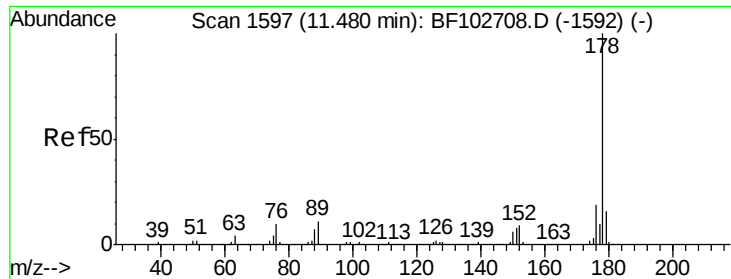
Abundance

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

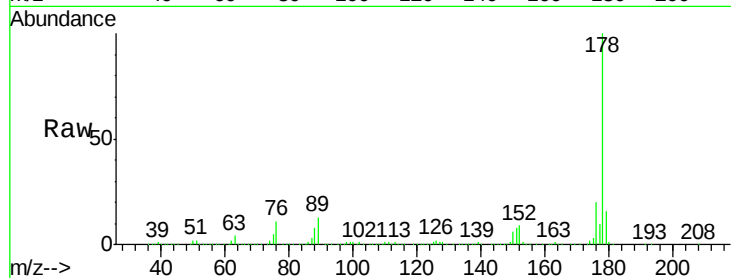




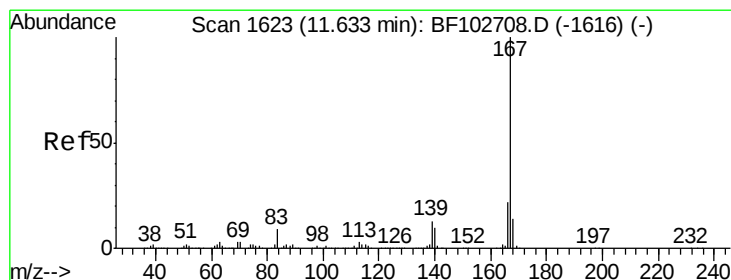
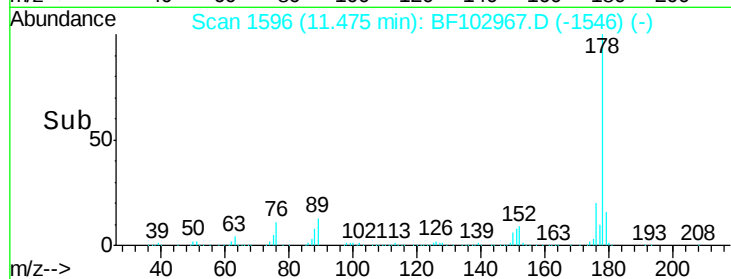
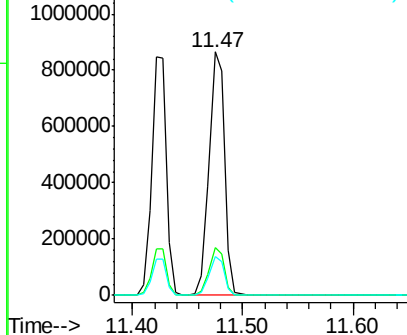
#71
 Anthracene
 Concen: 39.25 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 815778
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0

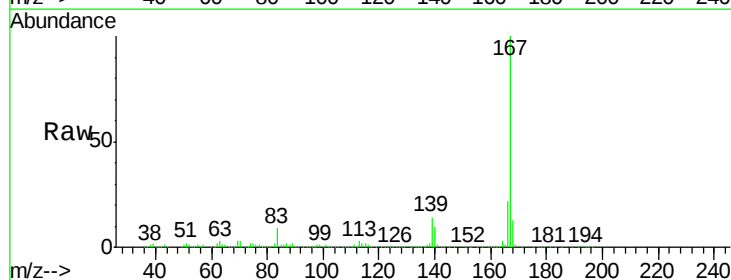


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

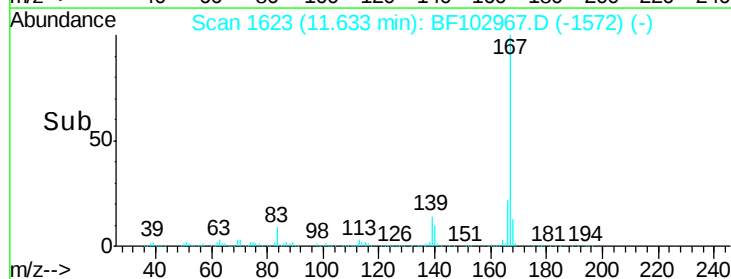
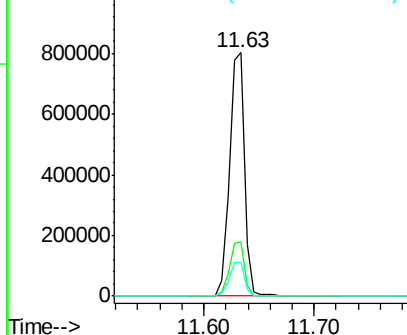


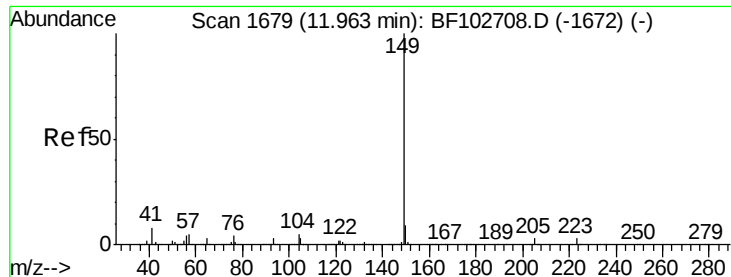
#72
 Carbazole
 Concen: 37.57 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion:167 Resp: 764885
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.87 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampled :

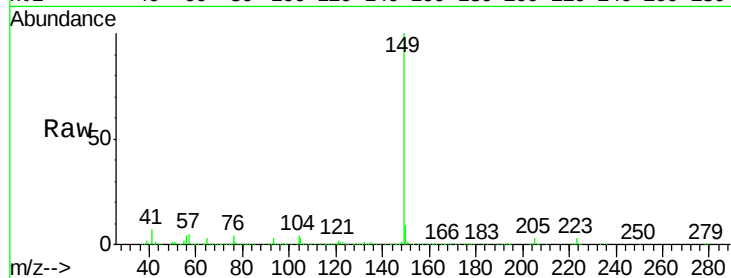
Tot Ion:149 Resp: 1010788

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

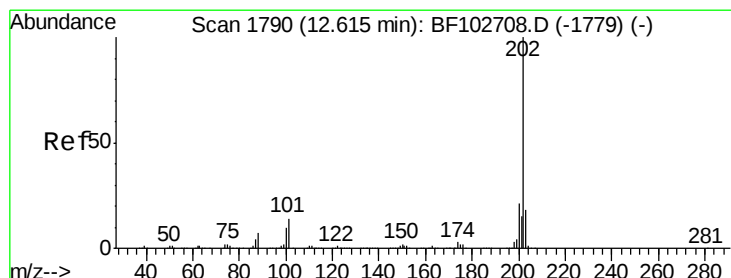
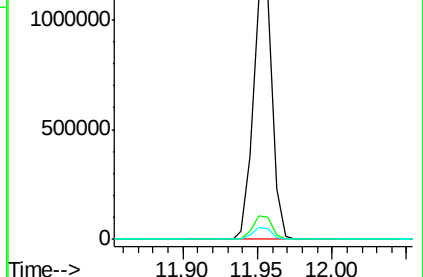
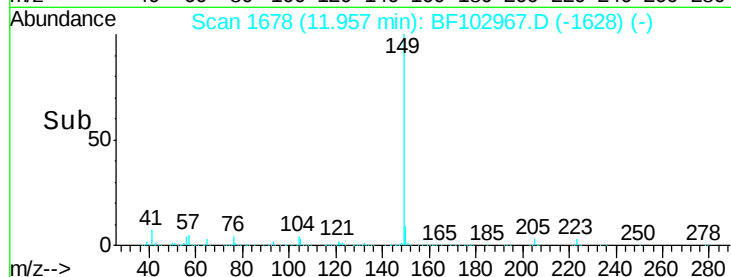
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.66 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

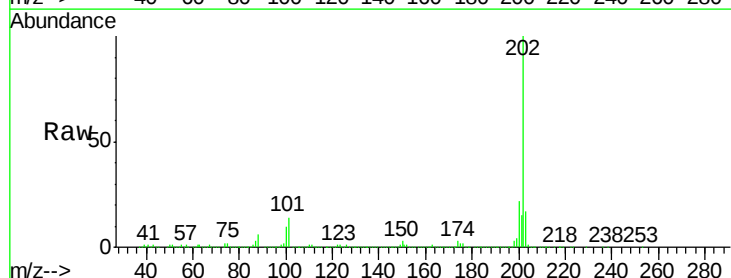
Tgt Ion:202 Resp: 794837

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

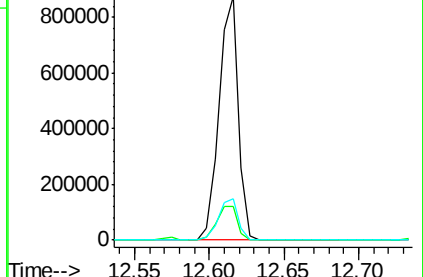
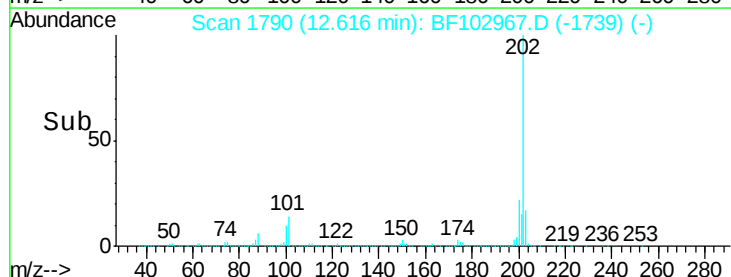
203 17.2 0.0 38.1

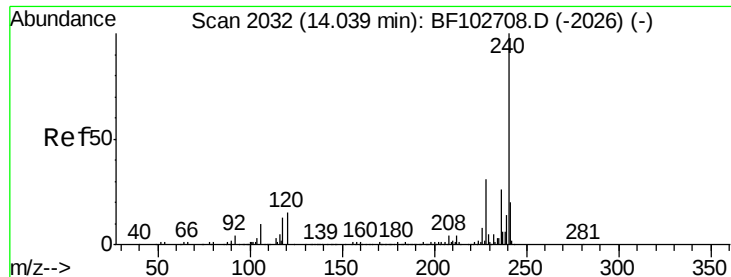


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

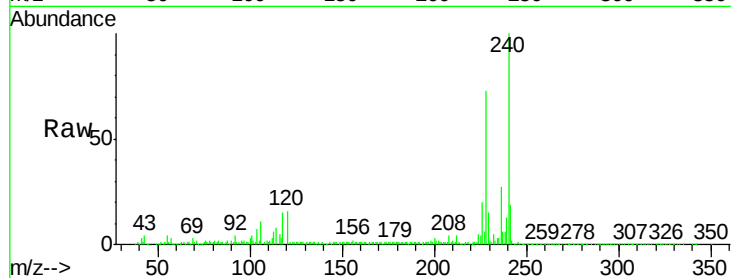
Tot Ion:240 Resp: 281612

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

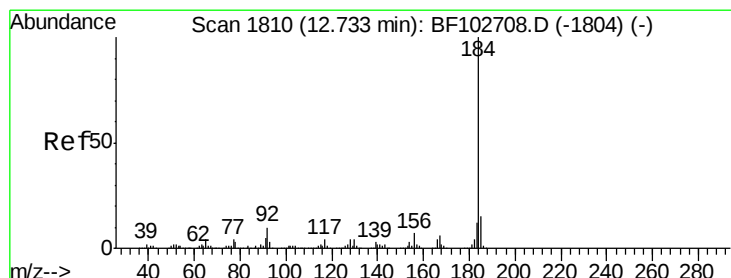
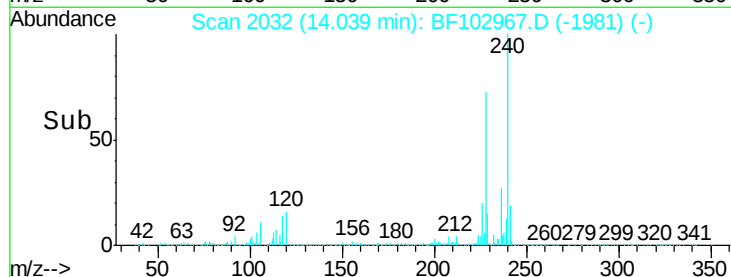
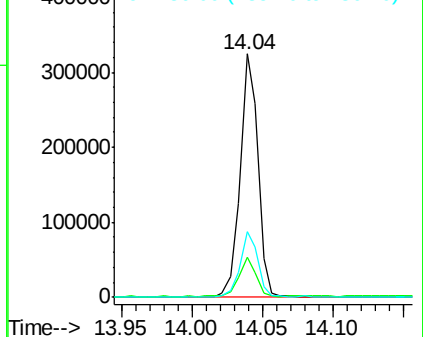
236 26.9 20.7 31.1



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: 32.20 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

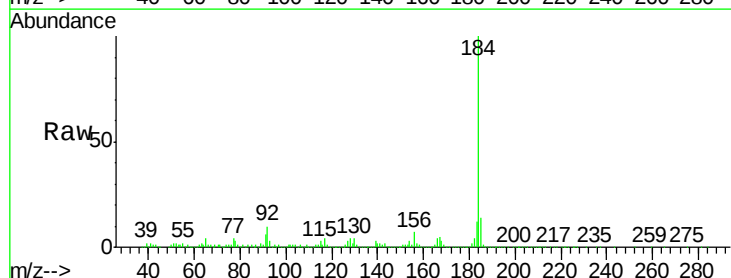
Tgt Ion:184 Resp: 416800

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

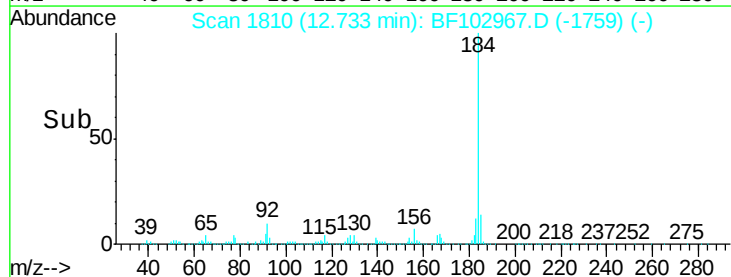
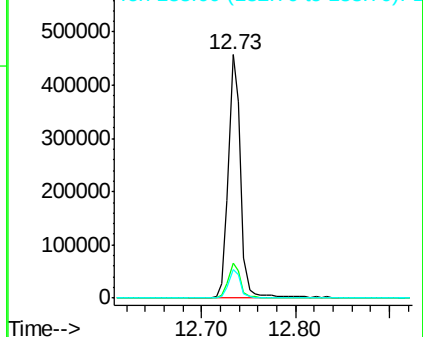
183 11.8 9.3 13.9

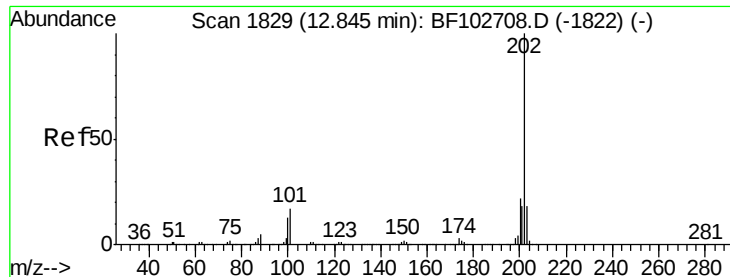


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.56 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

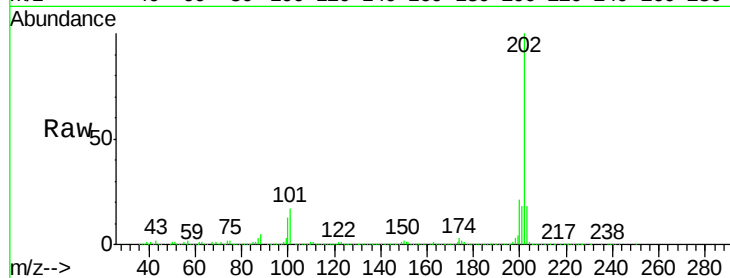
Tot Ion:202 Resp: 807251

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

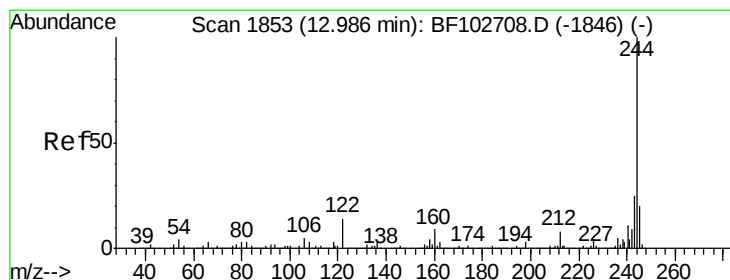
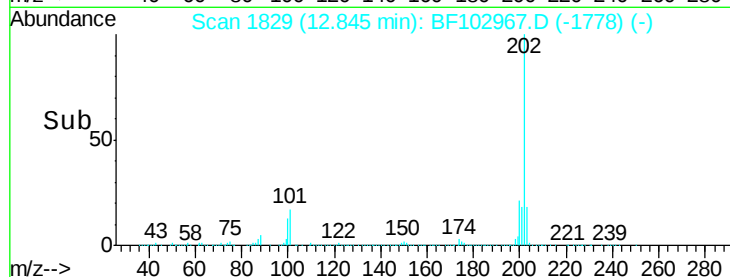
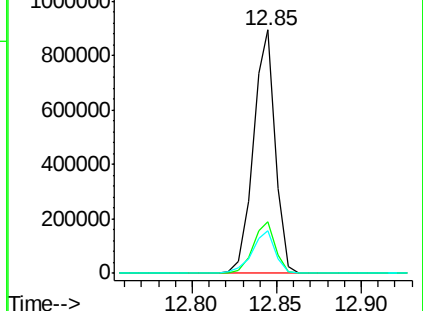
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.97 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

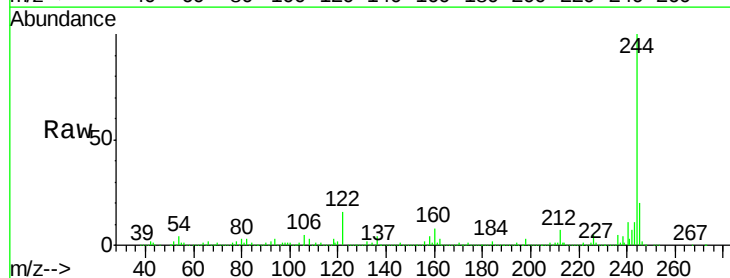
Tgt Ion:244 Resp: 855972

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

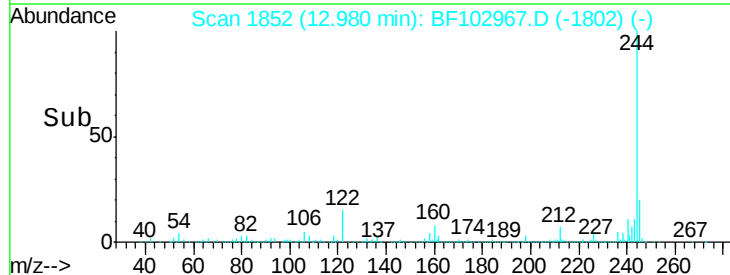
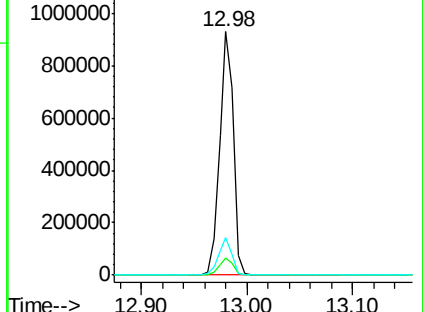
122 15.5 11.0 16.4

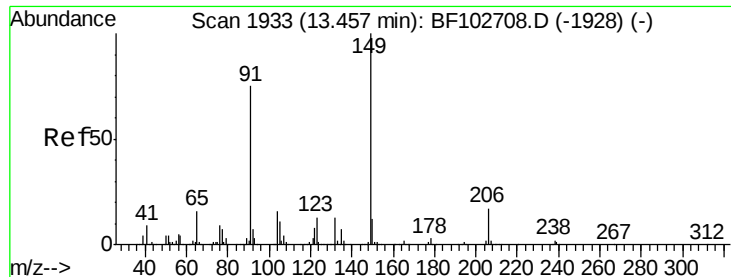


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

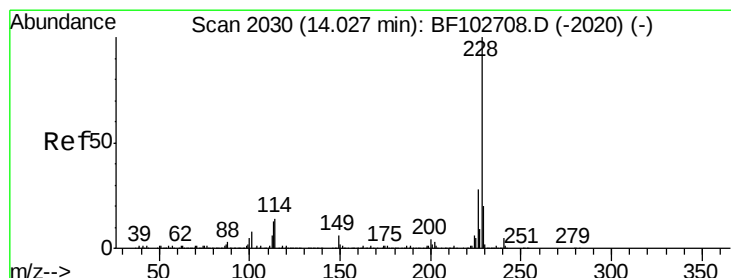
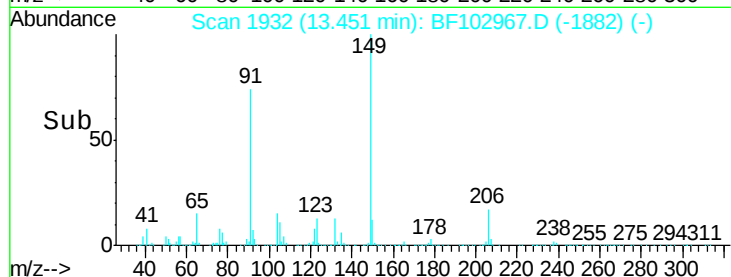
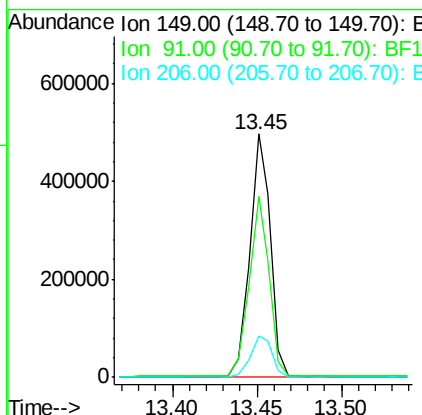
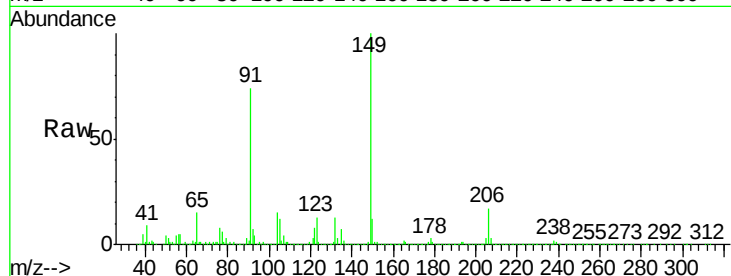




#79
Butylbenzylphthalate
Concen: 39.91 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

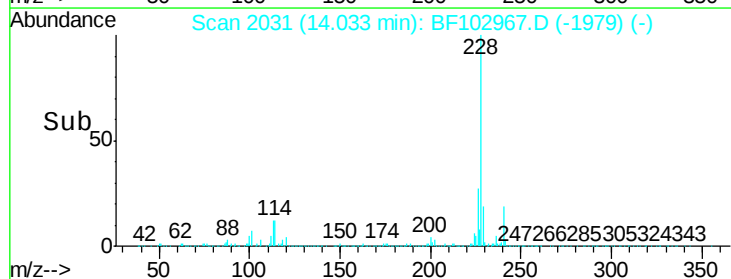
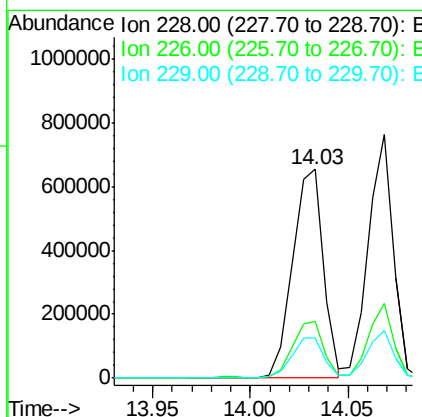
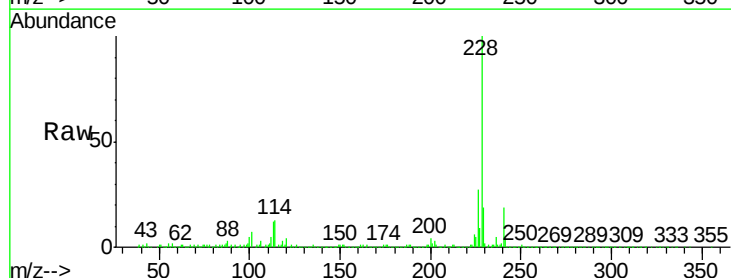
Instrument :
BNA_F
ClientSampleId :

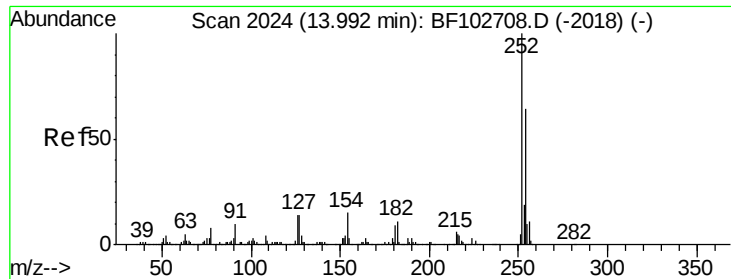
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	56.8	85.2
206	17.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.06 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.37 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

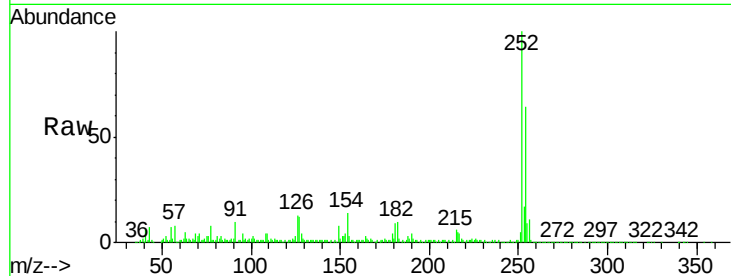
Tot Ion:252 Resp: 238827

Ion Ratio Lower Upper

252 100

254 64.5 50.4 75.6

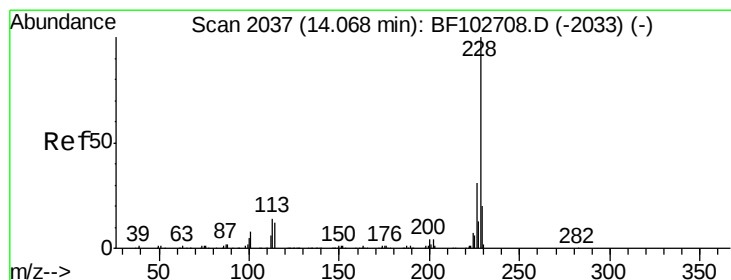
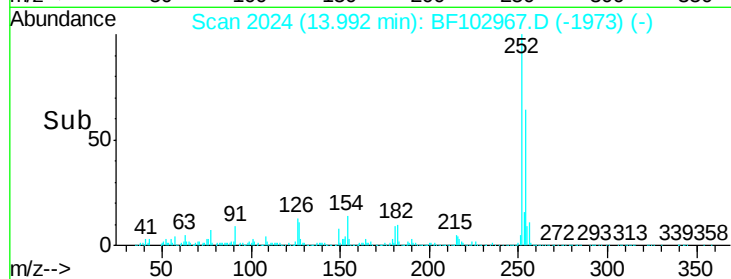
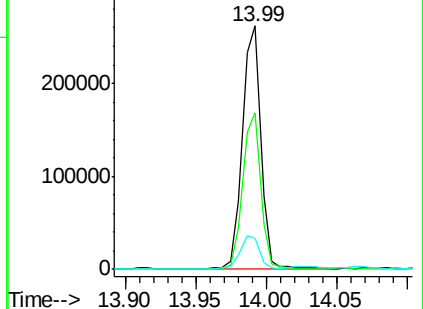
126 12.9 11.3 16.9



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: 37.93 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

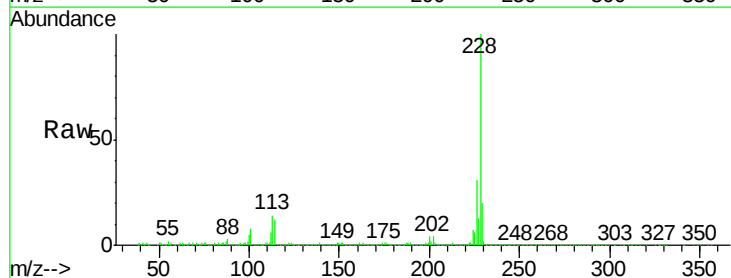
Tgt Ion:228 Resp: 677212

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

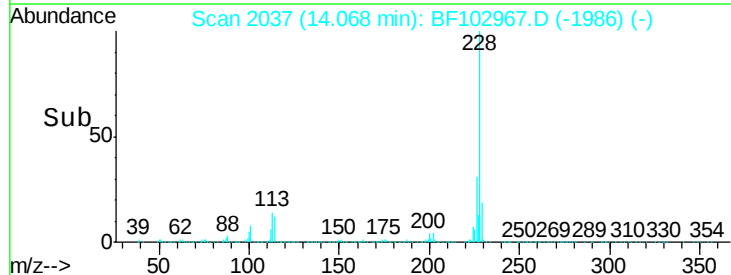
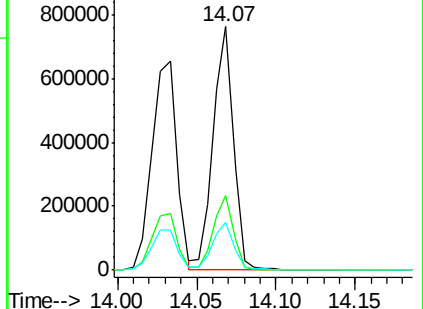
229 19.6 16.2 24.4

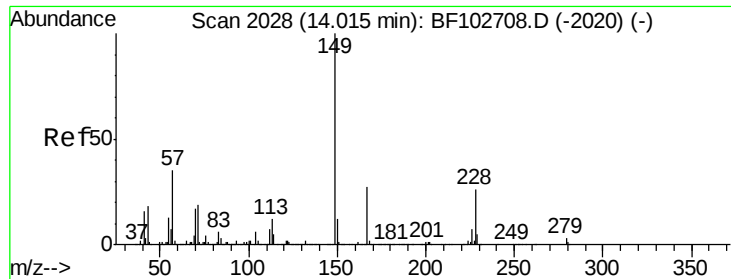


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

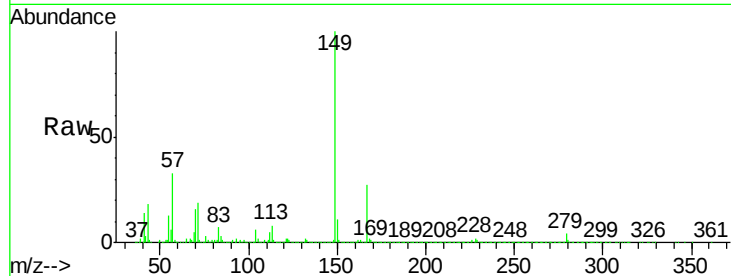




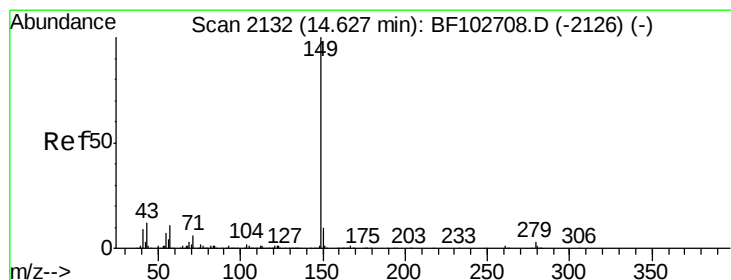
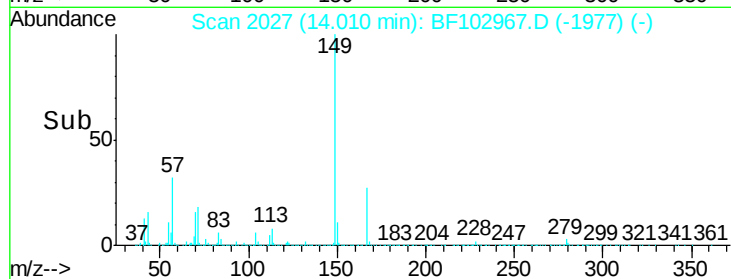
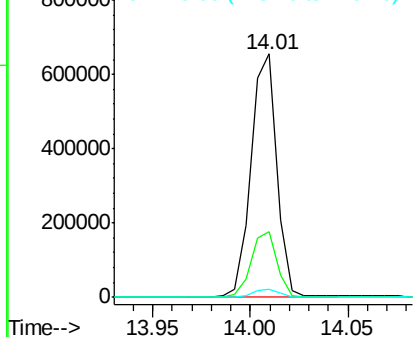
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.97 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 594766
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.5 3.0 4.4

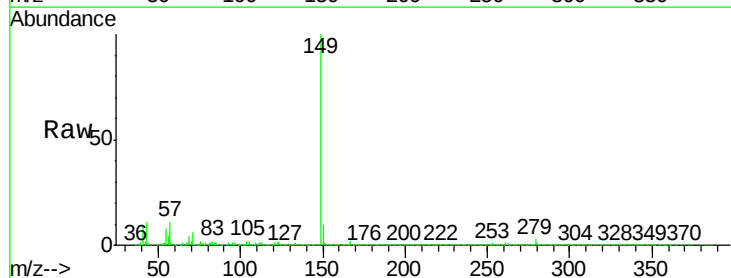


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

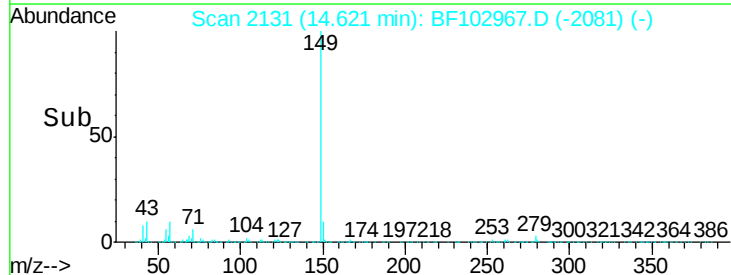
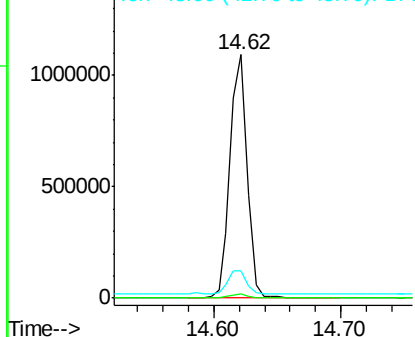


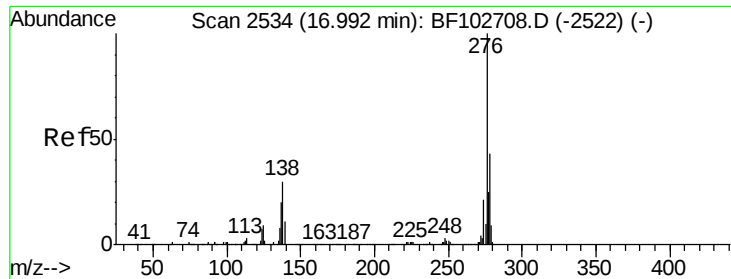
#84
 Di-n-octyl phthalate
 Concen: 49.44 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion:149 Resp: 1004306
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.9 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

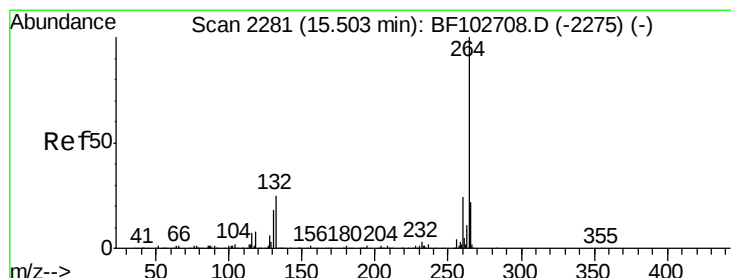
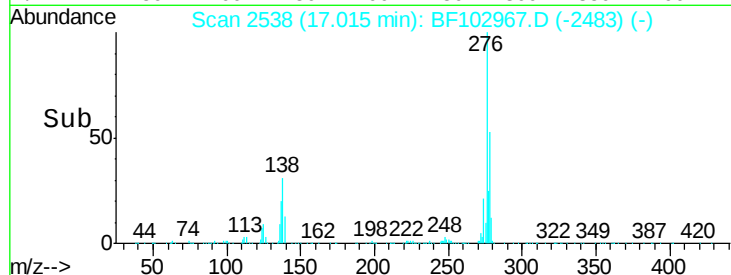
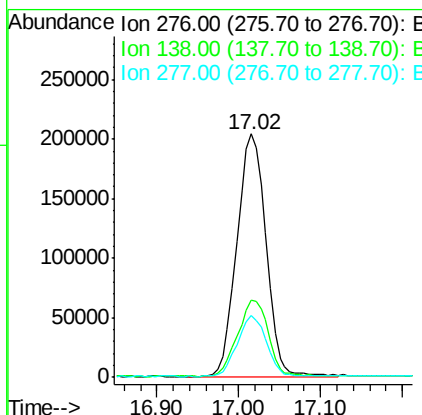
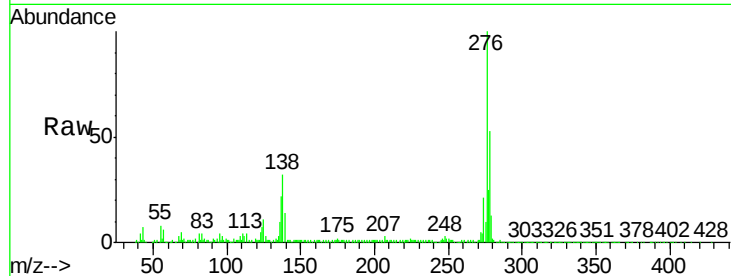




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.23 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

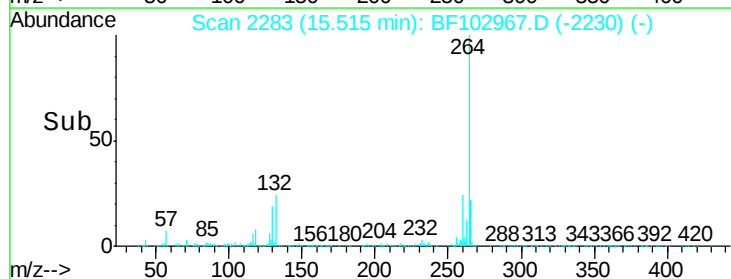
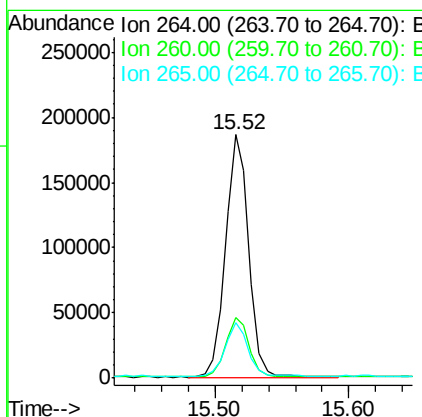
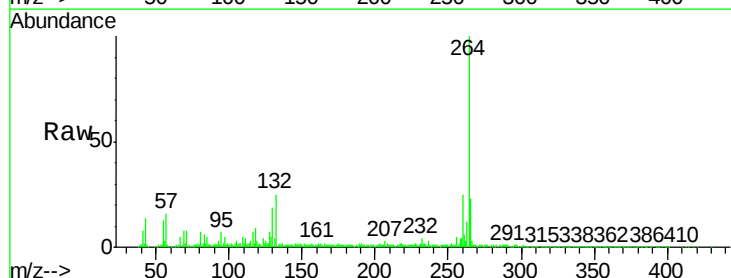
Instrument :
BNA_F
ClientSampleId :

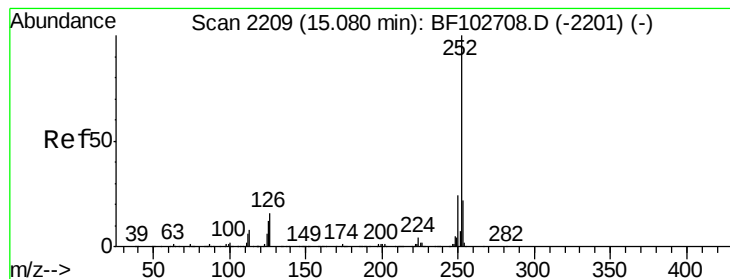
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.36 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

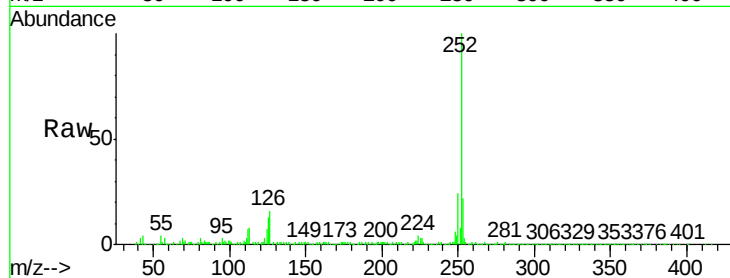
Tot Ion:252 Resp: 606793

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

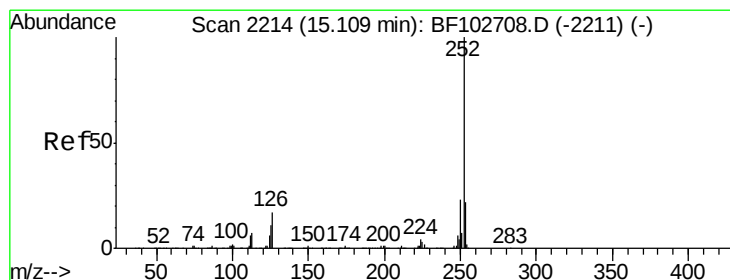
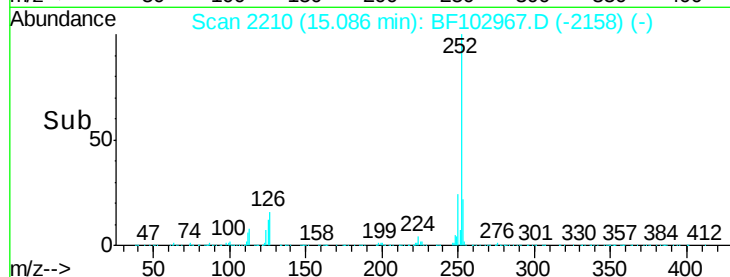
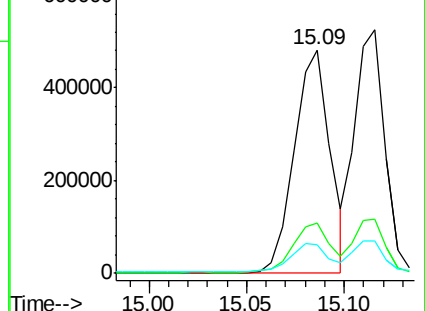
125 12.8 9.0 13.6



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: 40.33 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

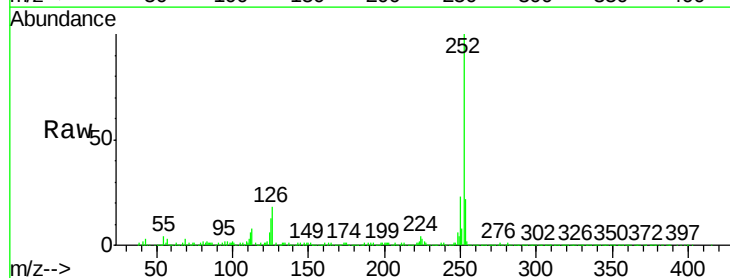
Tgt Ion:252 Resp: 565292

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

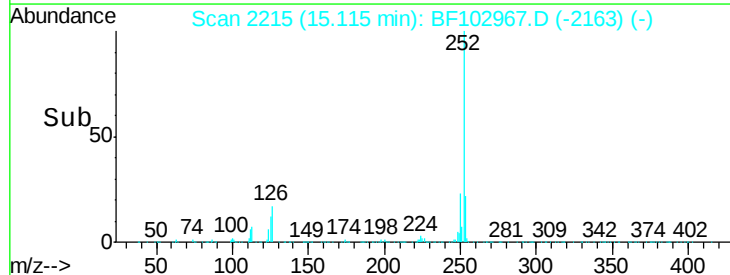
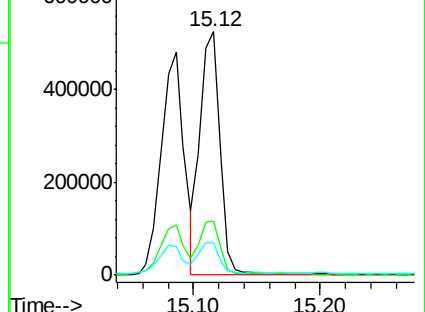
125 13.1 10.2 15.2

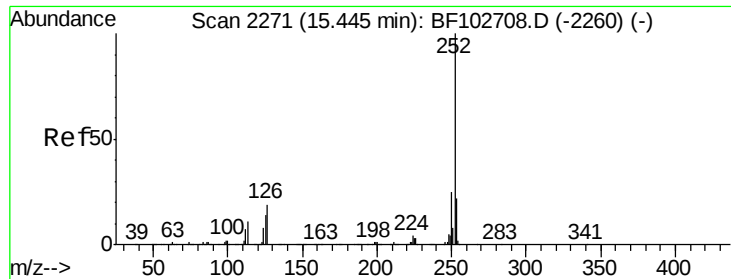


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

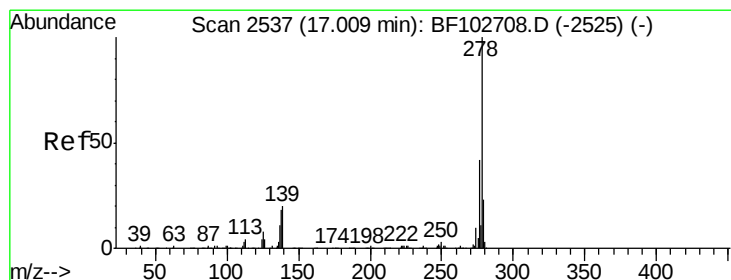
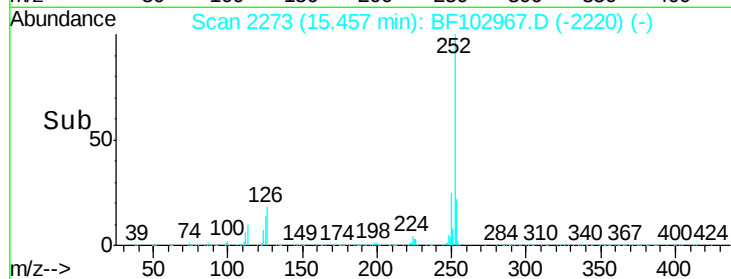
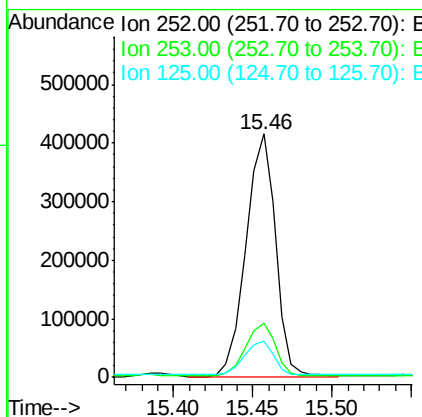
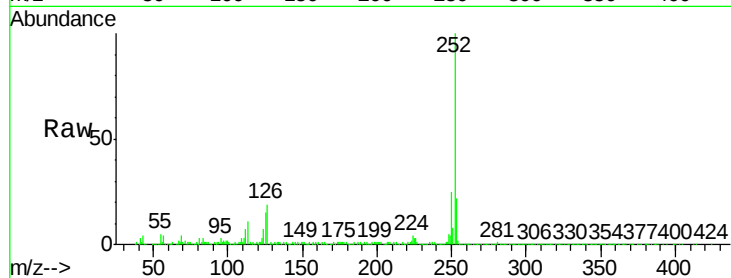




#89
Benzo(a)pyrene
Concen: 40.51 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

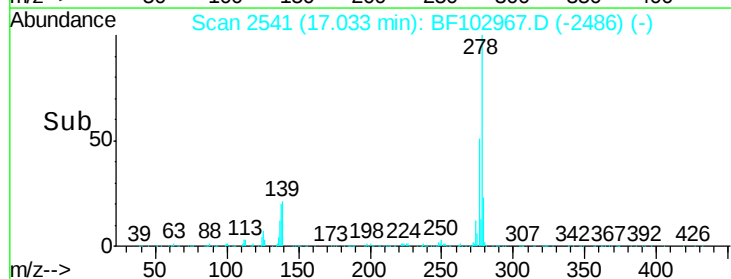
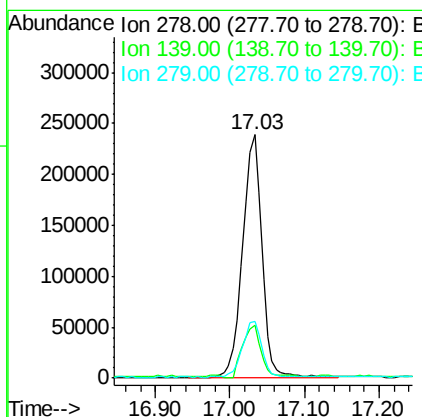
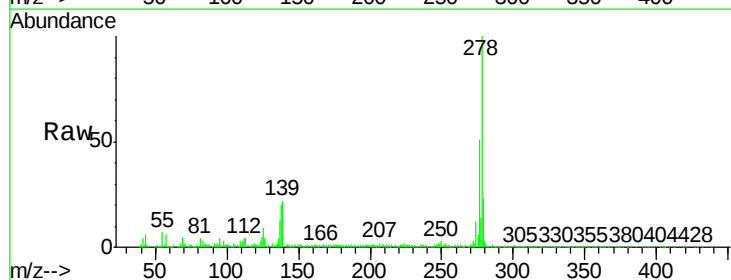
Instrument :
BNA_F
ClientSampleId :

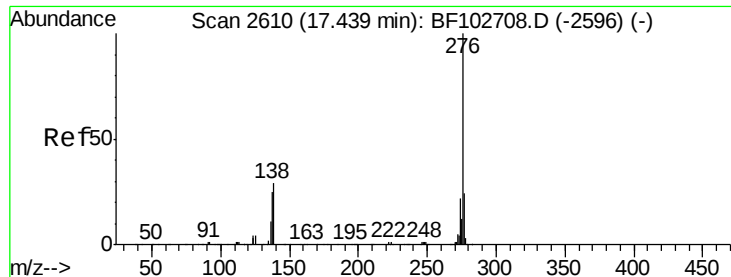
Tot Ion:252 Resp: 534915
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 14.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.99 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion:278 Resp: 428646
Ion Ratio Lower Upper
278 100
139 21.6 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.20 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.03 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

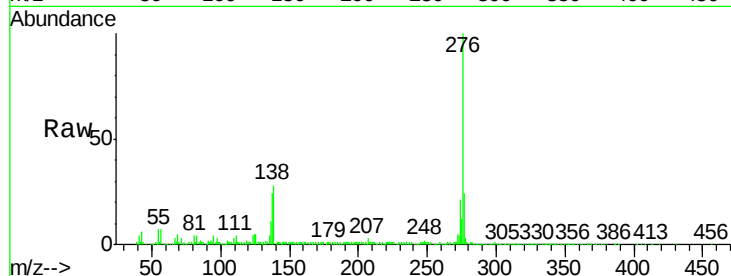
Tot Ion: 276 Resp: 421793

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 27.7 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

