

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106928.D
 Acq On : 28 Jun 2018 18:42
 Operator : JU/SJ
 Sample : PB110677BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Quant Time: Jun 29 01:08:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70713	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	268775	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	135405	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	264185	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	172621	20.00	ng	-0.02
86) Perylene-d12	15.68	264	163345	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	483054	115.67	ng	0.00
7) Phenol-d6	6.60	99	605290	116.07	ng	-0.01
23) Nitrobenzene-d5	7.52	82	386686	79.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	208977	133.16	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	748634	95.38	ng	-0.01
78) Terphenyl-d14	13.07	244	797007	111.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	66586	31.014	ng	99
3) Pyridine	3.65	79	193523	33.237	ng	97
4) n-Nitrosodimethylamine	3.61	42	80227	32.441	ng	88
6) Aniline	6.62	93	164645	23.274	ng	99
8) 2-Chlorophenol	6.75	128	183480	40.059	ng	98
9) Benzaldehyde	6.51	77	106482	27.564	ng	98
10) Phenol	6.61	94	221344	37.191	ng	85
11) bis(2-Chloroethyl)ether	6.69	93	178477	36.325	ng	99
12) 1,3-Dichlorobenzene	6.90	146	216042	40.272	ng	98
13) 1,4-Dichlorobenzene	6.97	146	216139	39.852	ng	97
14) 1,2-Dichlorobenzene	7.12	146	200853	40.409	ng	98
15) Benzyl Alcohol	7.10	79	156572	37.391	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	253007	39.247	ng	84
17) 2-Methylphenol	7.21	107	154801	39.493	ng	# 93
18) Hexachloroethane	7.46	117	73722	38.653	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	123107	35.812	ng	93
20) 3+4-Methylphenols	7.37	107	191326	45.301	ng	# 69
22) Acetophenone	7.36	105	247891	41.225	ng	# 96
24) Nitrobenzene	7.54	77	195626	39.619	ng	99
25) Isophorone	7.77	82	351880	41.289	ng	98
26) 2-Nitrophenol	7.85	139	101587	43.582	ng	98
27) 2,4-Dimethylphenol	7.89	122	168059	46.646	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	224922	39.307	ng	99
29) 2,4-Dichlorophenol	8.10	162	169472	44.930	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	189015	45.488	ng	97
31) Naphthalene	8.26	128	533411	42.449	ng	100
32) Benzoic acid	8.02	122	75825	31.210	ng	97
33) 4-Chloroaniline	8.31	127	51426	9.753	ng	99
34) Hexachlorobutadiene	8.37	225	124317	45.915	ng	98
35) Caprolactam	8.69	113	34719	28.237	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	168603	42.467	ng	97
37) 2-Methylnaphthalene	8.95	142	397299	47.700	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	208723	45.772	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	140713	59.977	ng	99

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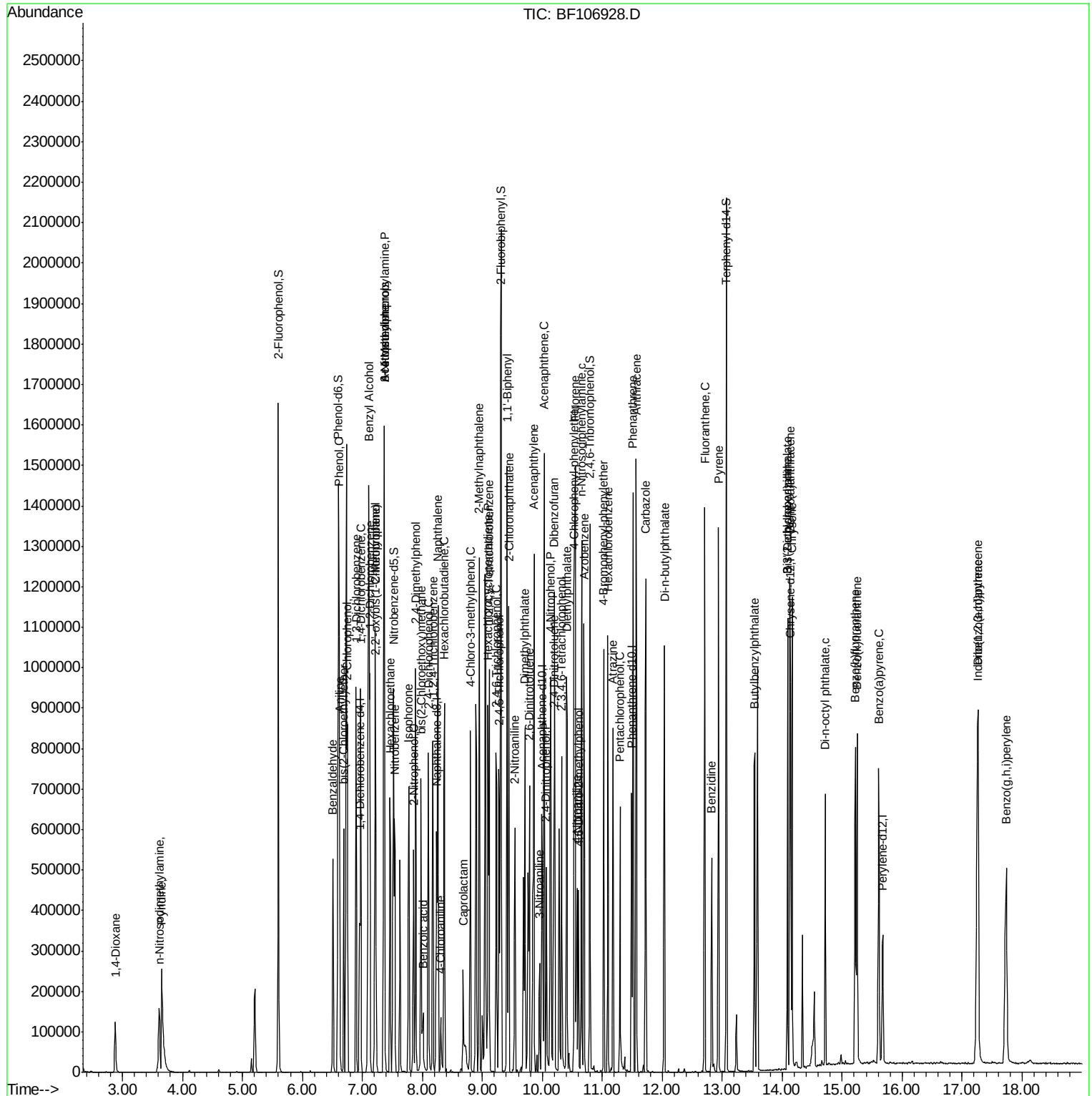
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	120316	39.694	ng	94
43) 2,4,5-Trichlorophenol	9.28	196	123189	38.948	ng	90
45) 1,1'-Biphenyl	9.41	154	472066	43.746	ng	98
46) 2-Chloronaphthalene	9.44	162	350599	41.275	ng	96
47) 2-Nitroaniline	9.54	65	102301	35.816	ng	97
48) Acenaphthylene	9.86	152	551640	41.135	ng	99
49) Dimethylphthalate	9.71	163	403140	39.697	ng	98
50) 2,6-Dinitrotoluene	9.78	165	94129	43.771	ng #	84
51) Acenaphthene	10.03	154	330641	39.153	ng	98
52) 3-Nitroaniline	9.95	138	39382	15.914	ng	97
53) 2,4-Dinitrophenol	10.07	184	78737	71.062	ng #	20
54) Dibenzofuran	10.20	168	516626	44.677	ng	97
55) 4-Nitrophenol	10.14	139	90877	52.612	ng	96
56) 2,4-Dinitrotoluene	10.19	165	122685	43.707	ng	90
57) Fluorene	10.55	166	395403	43.091	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	110977	44.140	ng #	77
59) Diethylphthalate	10.41	149	374939	38.252	ng #	94
60) 4-Chlorophenyl-phenylether	10.53	204	205829	42.871	ng #	88
61) 4-Nitroaniline	10.58	138	92879	37.818	ng	93
62) Azobenzene	10.70	77	359215	37.215	ng	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	65963	40.393	ng #	71
65) n-Nitrosodiphenylamine	10.65	169	342011	38.489	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	141609	44.914	ng #	81
67) Hexachlorobenzene	11.10	284	149477	45.297	ng #	84
68) Atrazine	11.18	200	121119	42.876	ng	94
69) Pentachlorophenol	11.30	266	93317	56.674	ng	99
70) Phenanthrene	11.51	178	571371	44.841	ng	99
71) Anthracene	11.57	178	593669	45.646	ng	99
72) Carbazole	11.72	167	500217	41.079	ng	98
73) Di-n-butylphthalate	12.04	149	543576	37.892	ng	99
74) Fluoranthene	12.71	202	588355	41.892	ng	96
76) Benzidine	12.82	184	207248	42.156	ng	97
77) Pyrene	12.94	202	574416	50.462	ng	100
79) Butylbenzylphthalate	13.54	149	189964	40.589	ng #	88
80) Benzo(a)anthracene	14.13	228	462301	43.942	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	67683	18.304	ng #	96
82) Chrysene	14.17	228	433488	44.786	ng	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	222058	37.112	ng	97
84) Di-n-octyl phthalate	14.72	149	325097	33.332	ng	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	540450	65.797	ng #	89
87) Benzo(b)fluoranthene	15.22	252	427031	42.085	ng #	95
88) Benzo(k)fluoranthene	15.25	252	374393	38.746	ng #	95
89) Benzo(a)pyrene	15.61	252	412019	45.677	ng #	96
90) Dibenzo(a,h)anthracene	17.27	278	441797	57.792	ng #	90
91) Benzo(g,h,i)perylene	17.74	276	476405	63.758	ng #	89

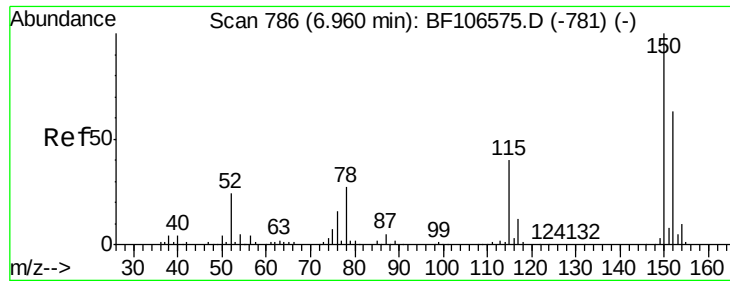
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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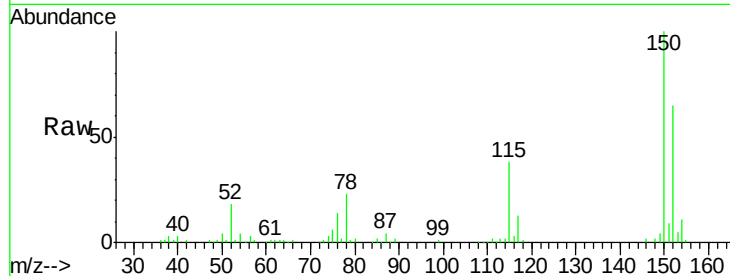


#1

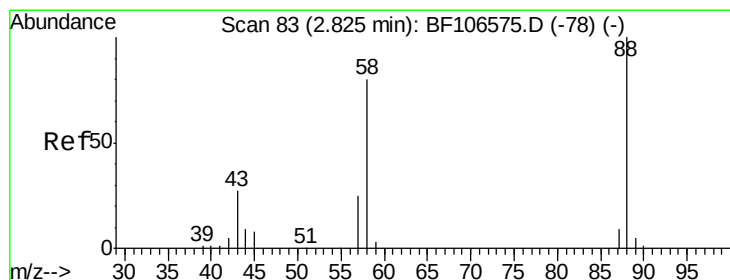
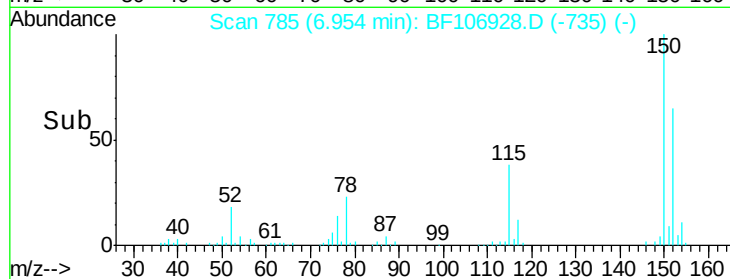
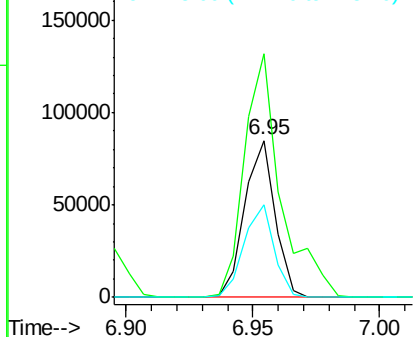
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tgt Ion: 152 Resp: 70713
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 58.6 50.1 75.1



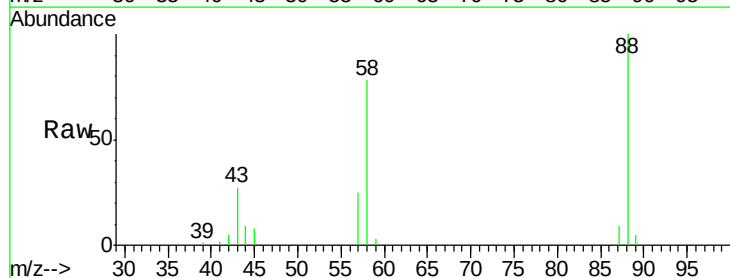
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



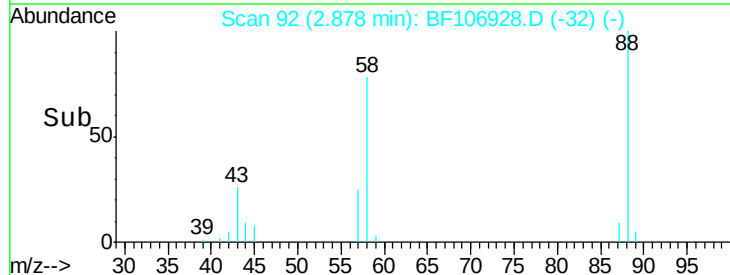
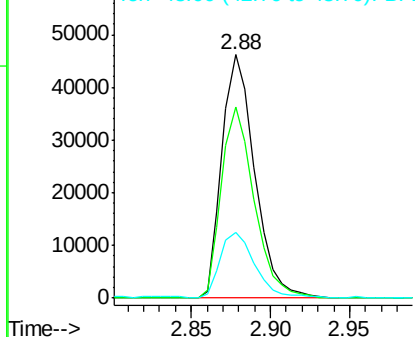
#2

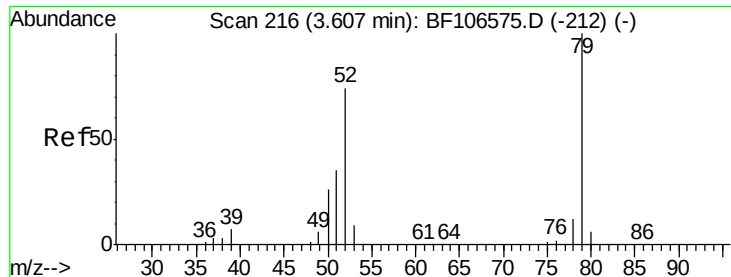
1,4-Dioxane
Concen: 31.014 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion: 88 Resp: 66586
Ion Ratio Lower Upper
88 100
58 77.9 62.6 93.8
43 28.6 24.6 37.0



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





#3

Pyridine

Concen: 33.237 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

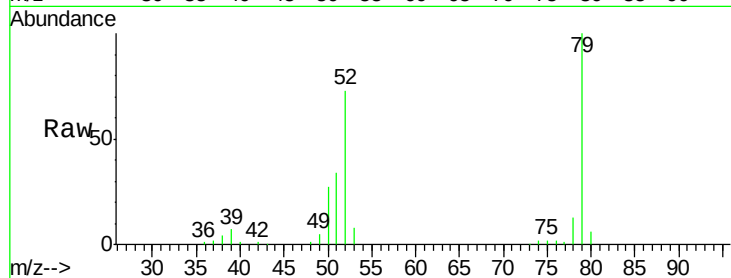
Tgt Ion: 79 Resp: 193523

Ion Ratio Lower Upper

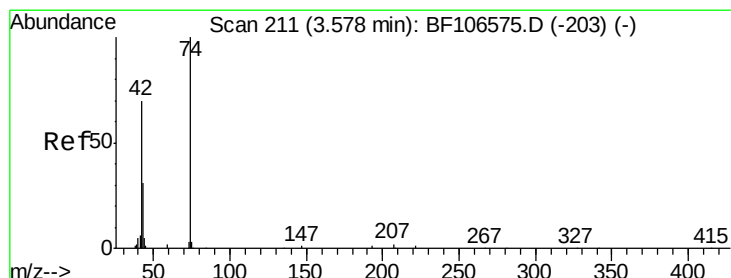
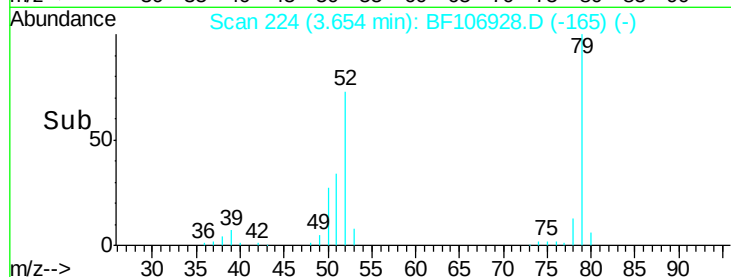
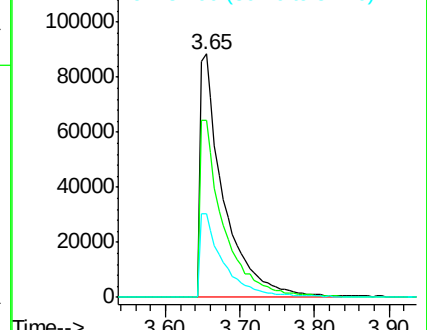
79 100

52 72.8 59.8 89.6

51 34.2 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: 32.441 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

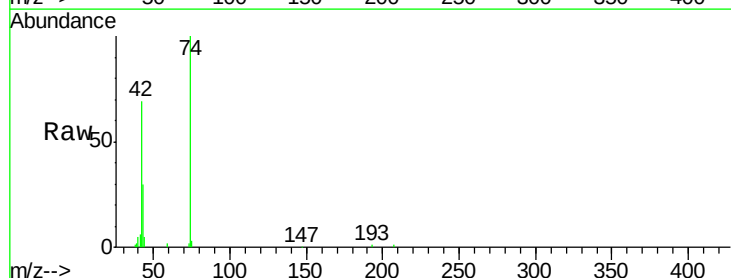
Tgt Ion: 42 Resp: 80227

Ion Ratio Lower Upper

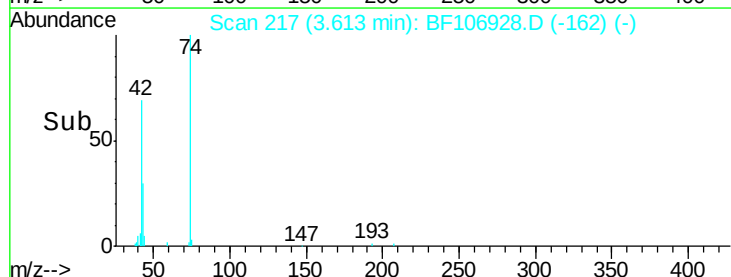
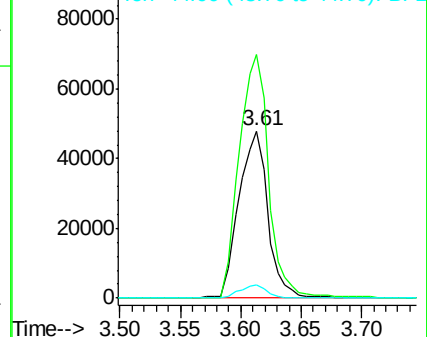
42 100

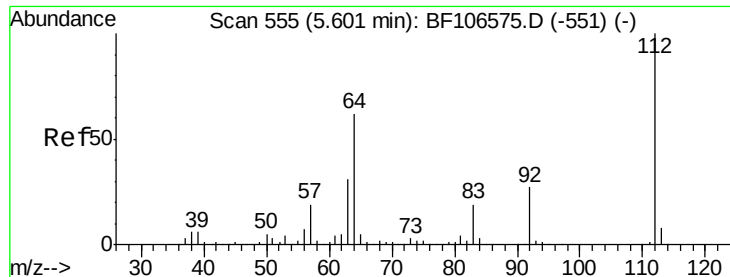
74 145.4 104.9 157.3

44 7.7 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: 115.674 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

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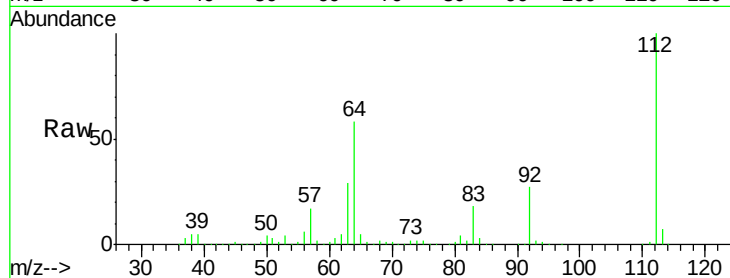
Tgt Ion: 112 Resp: 483054

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

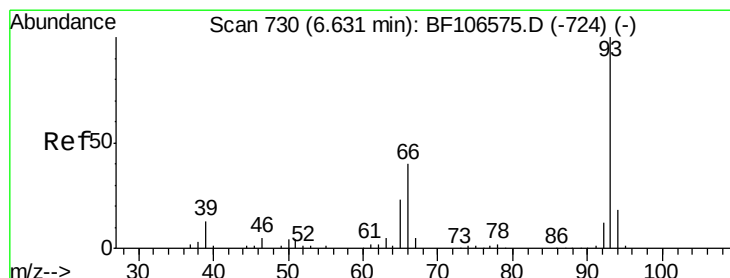
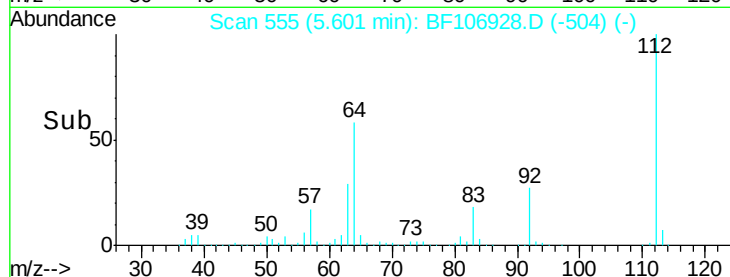
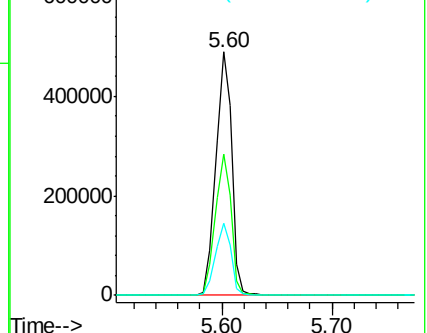
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.274 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

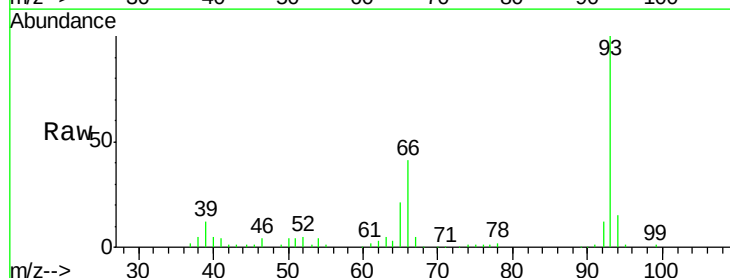
Tgt Ion: 93 Resp: 164645

Ion Ratio Lower Upper

93 100

66 40.6 32.2 48.2

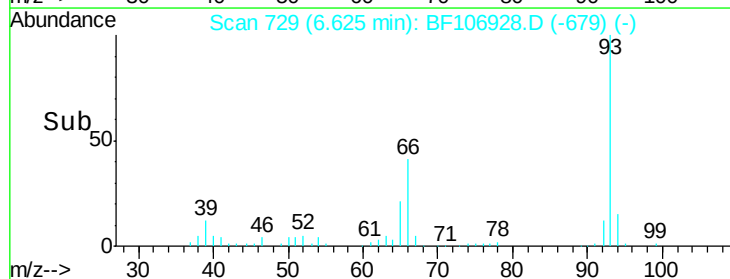
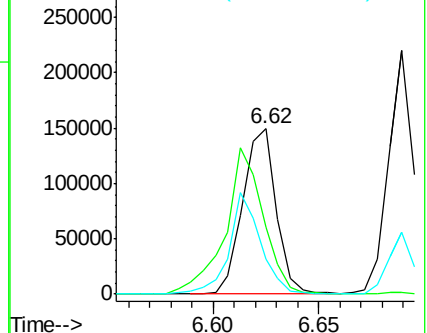
65 20.8 16.4 24.6

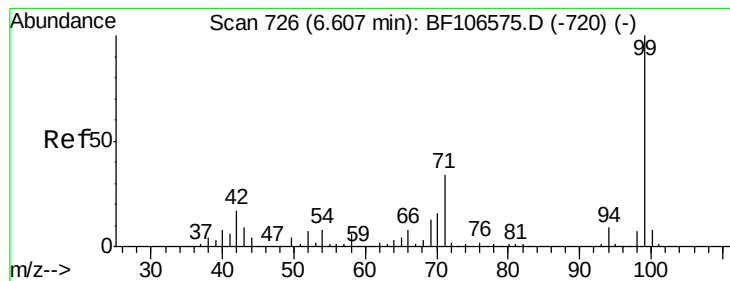


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.067 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

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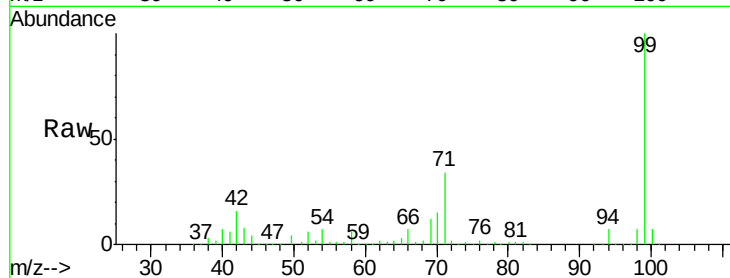
Tgt Ion: 99 Resp: 605290

Ion Ratio Lower Upper

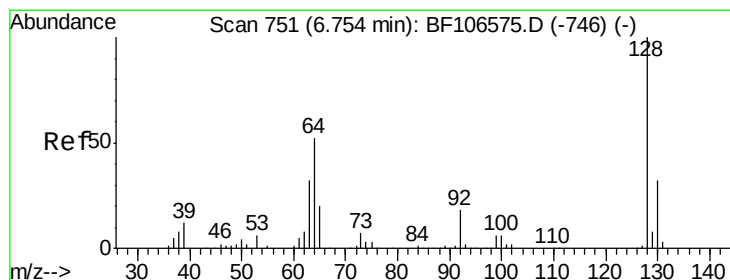
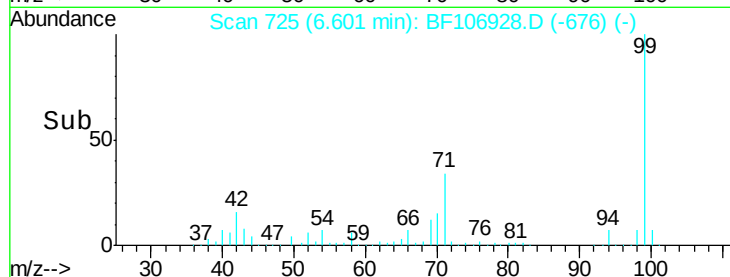
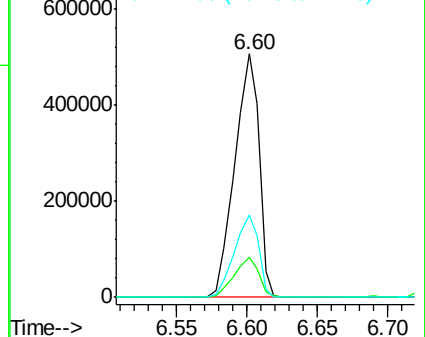
99 100

42 16.5 14.5 21.7

71 34.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.059 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

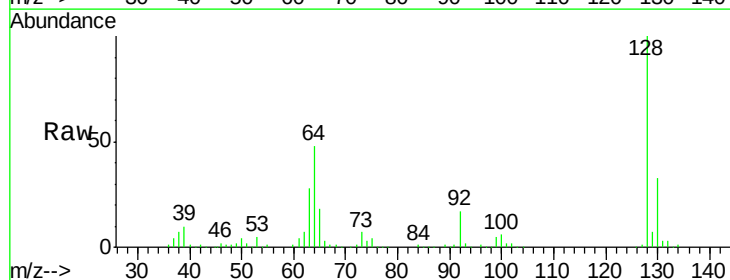
Tgt Ion: 128 Resp: 183480

Ion Ratio Lower Upper

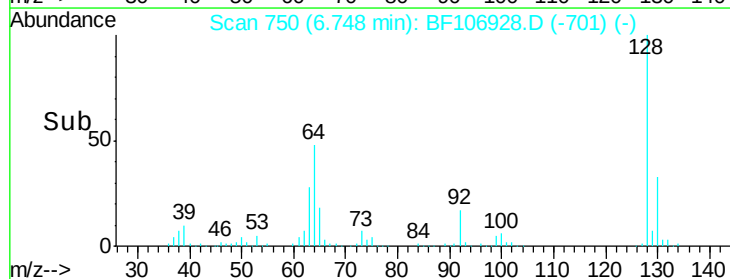
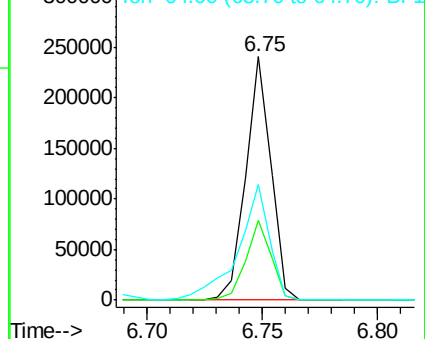
128 100

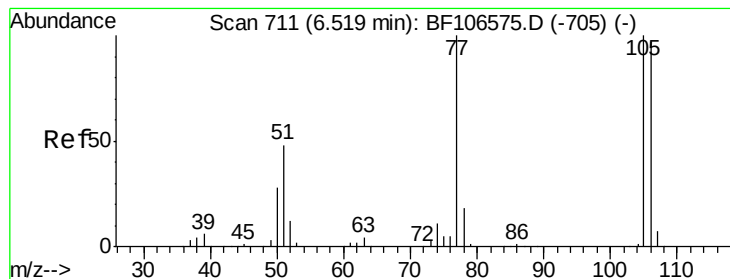
130 32.7 13.0 53.0

64 47.5 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: 27.564 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

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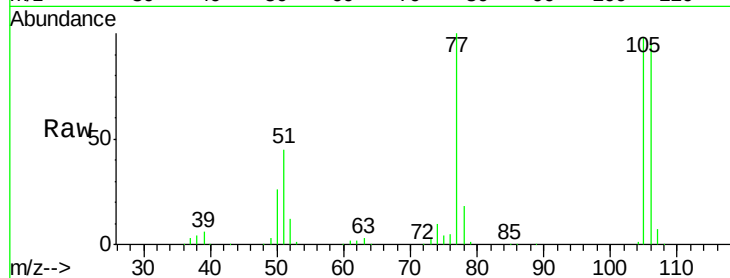
Tgt Ion: 77 Resp: 106482

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

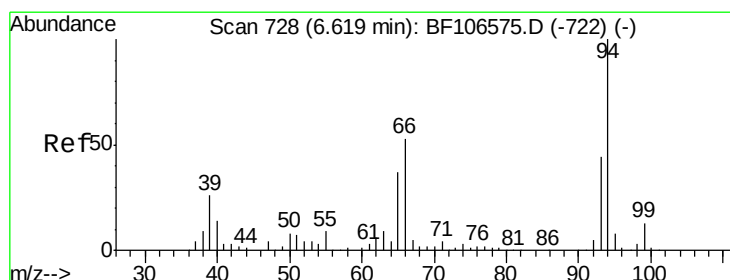
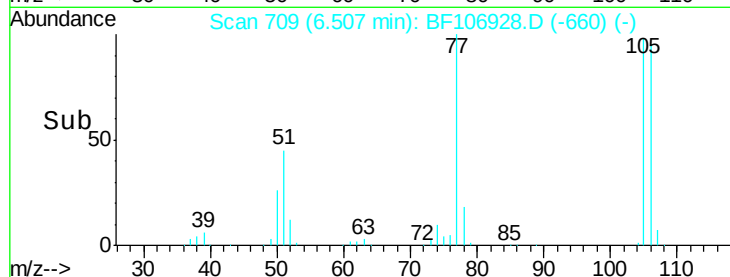
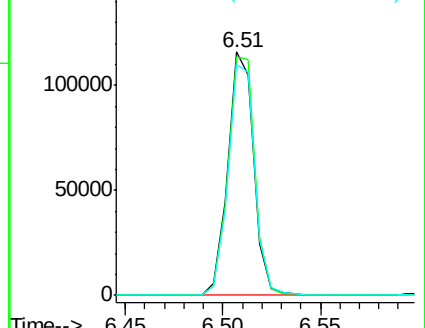
106 94.8 74.5 114.5



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: 37.191 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

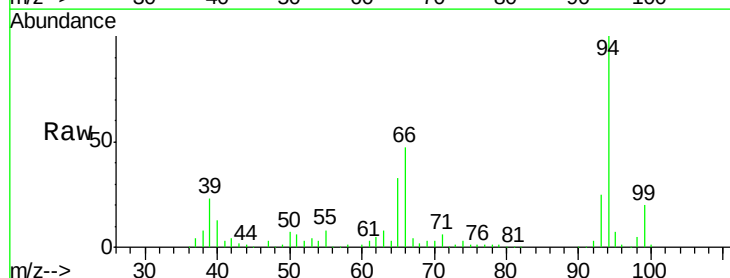
Tgt Ion: 94 Resp: 221344

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

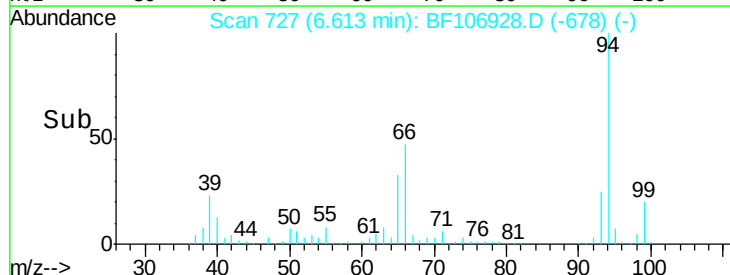
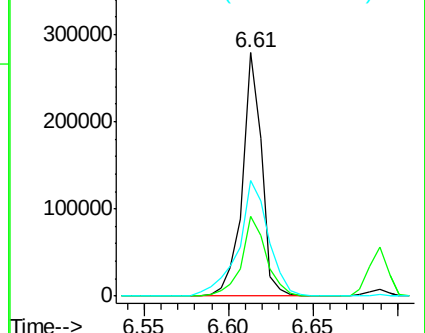
66 47.4 16.2 56.2

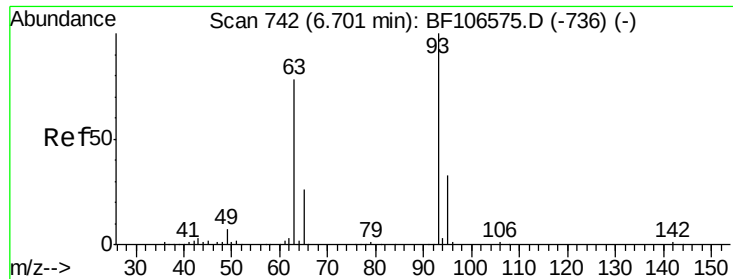


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.325 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

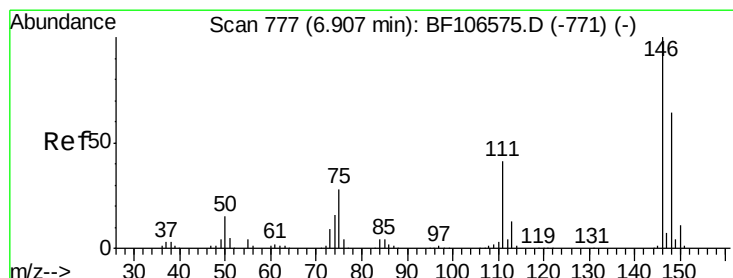
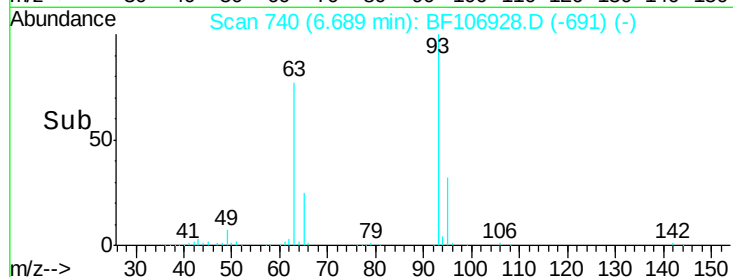
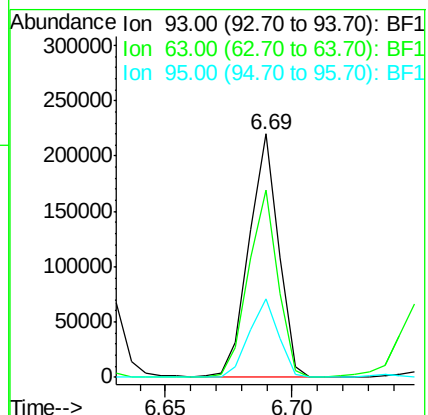
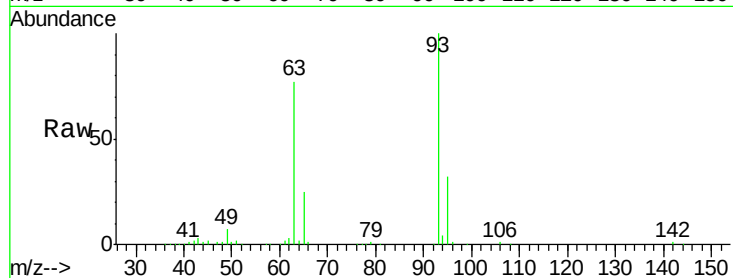
Tgt Ion: 93 Resp: 178477

Ion Ratio Lower Upper

93 100

63 77.1 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.272 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

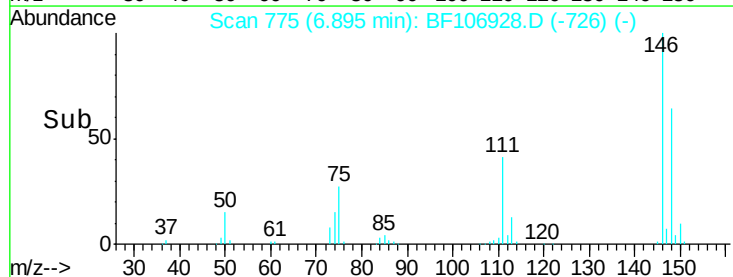
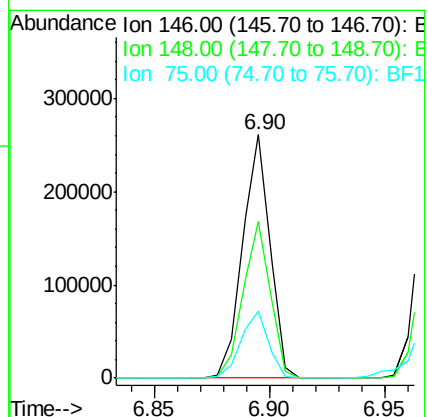
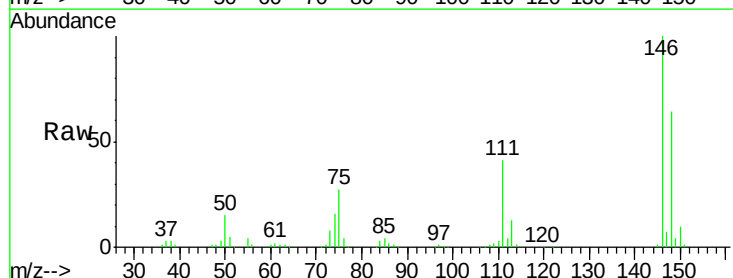
Tgt Ion: 146 Resp: 216042

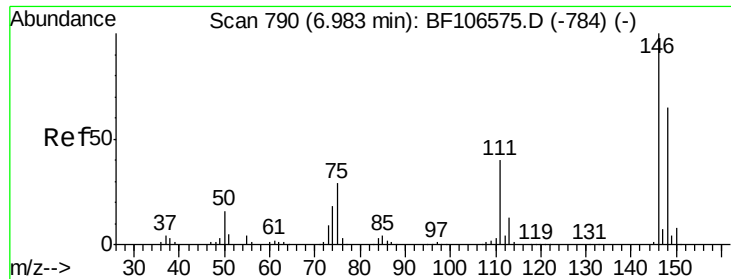
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

75 27.5 24.2 36.4

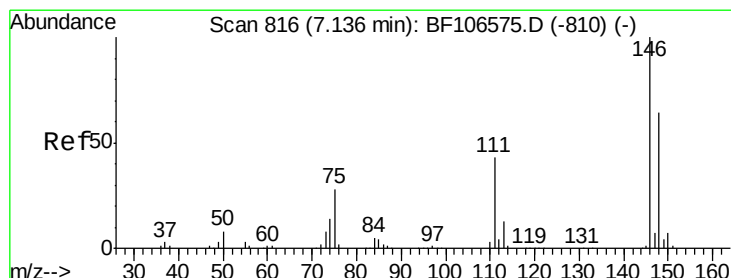
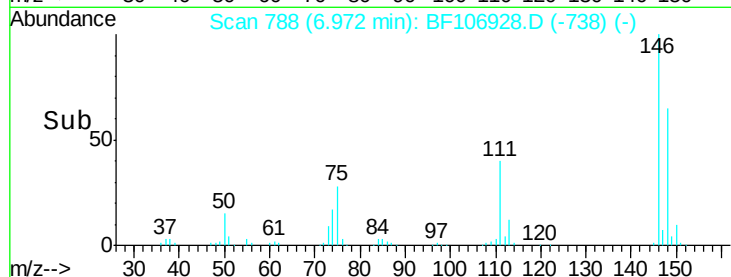
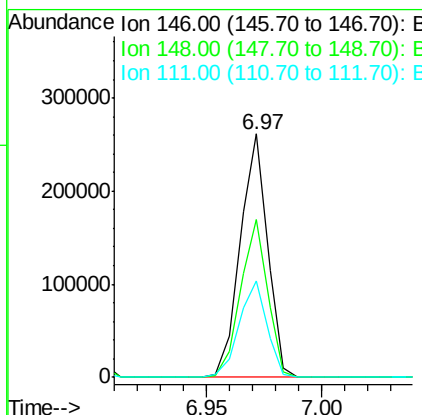
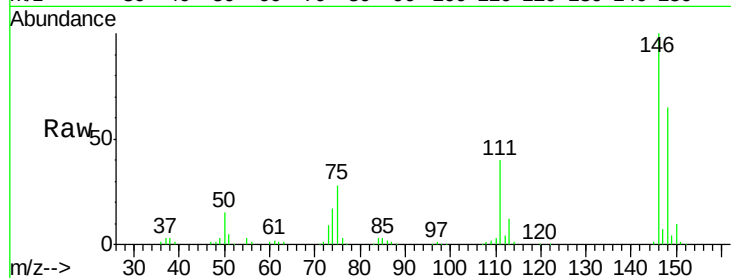




#13
 1,4-Dichlorobenzene
 Concen: 39.852 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

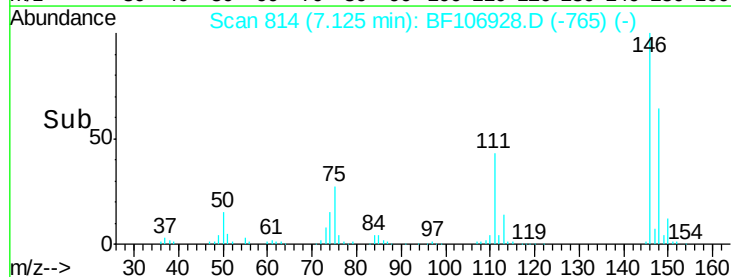
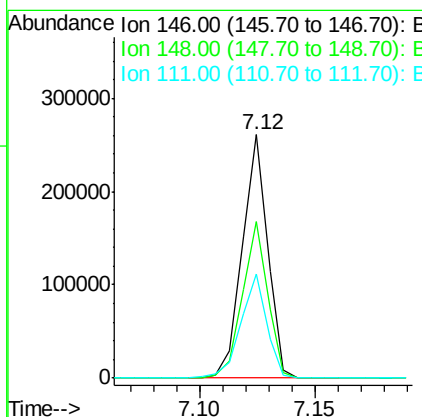
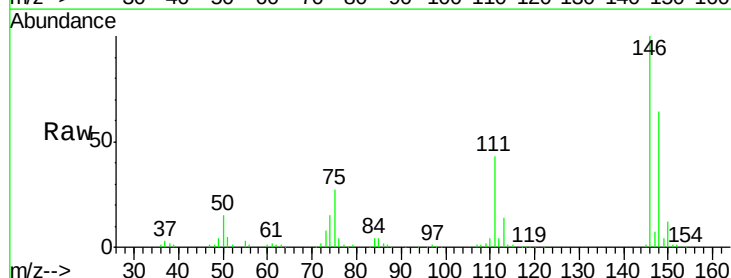
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

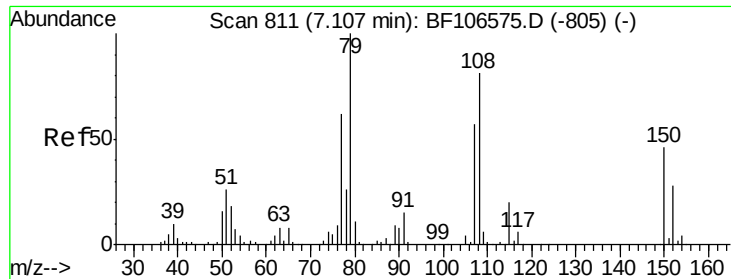
Tgt Ion:146 Resp: 216139
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 39.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.409 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:146 Resp: 200853
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 42.6 36.0 54.0

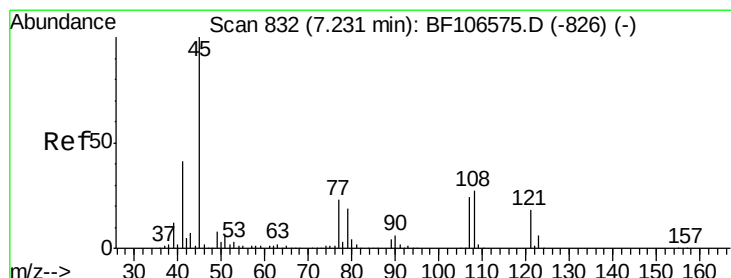
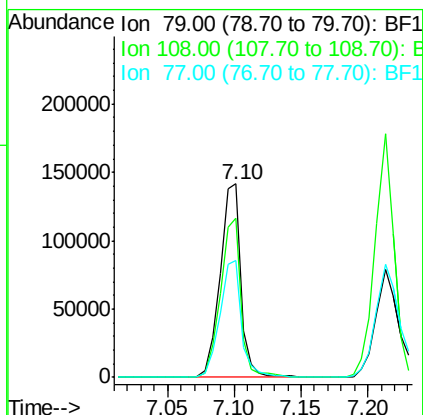
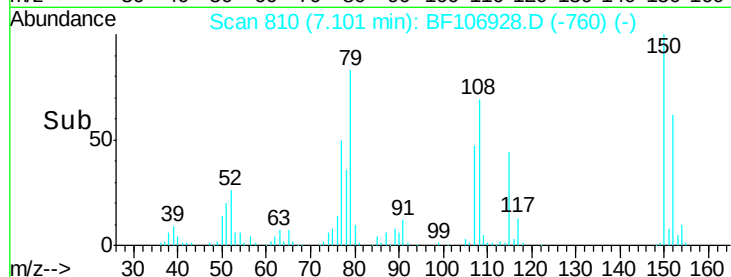
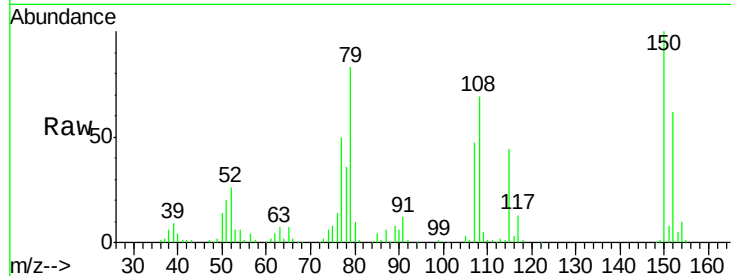




#15
Benzyl Alcohol
Concen: 37.391 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

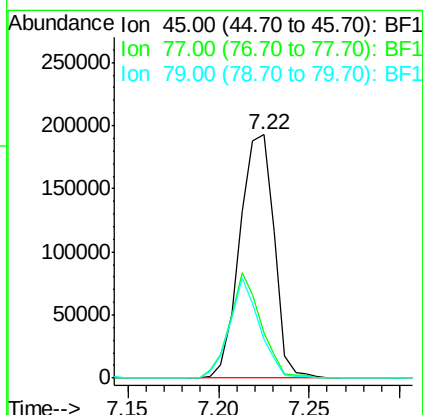
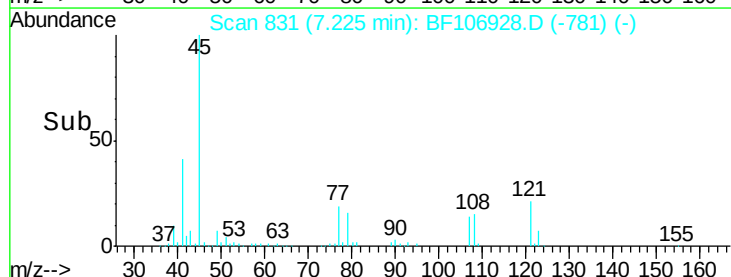
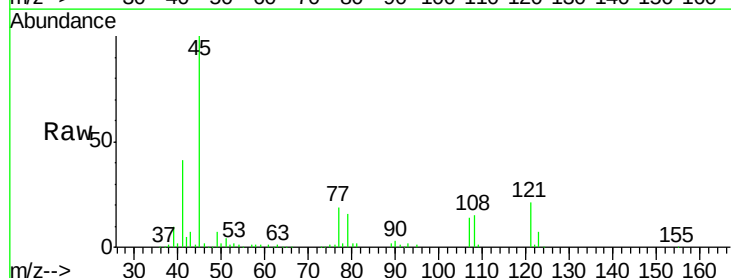
Instrument :
BNA_F
ClientSampleId :
PB110677BS

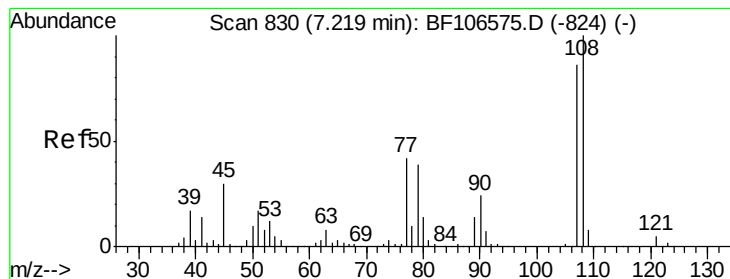
Tgt Ion: 79 Resp: 156572
Ion Ratio Lower Upper
79 100
108 82.2 65.1 97.7
77 60.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.247 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion: 45 Resp: 253007
Ion Ratio Lower Upper
45 100
77 18.7 0.0 32.9
79 15.7 0.0 29.6





#17

2-Methylphenol

Concen: 39.493 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

Tgt Ion:107 Resp: 154801

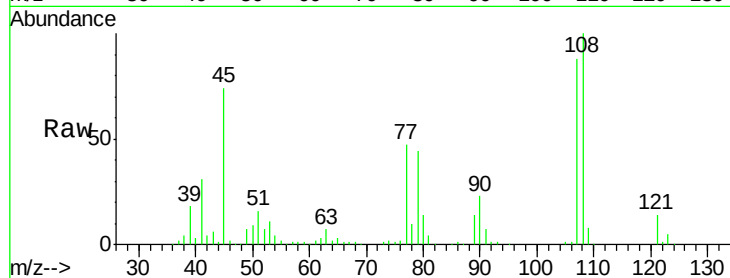
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 53.3 33.8 50.8#

79 50.6 33.8 50.8

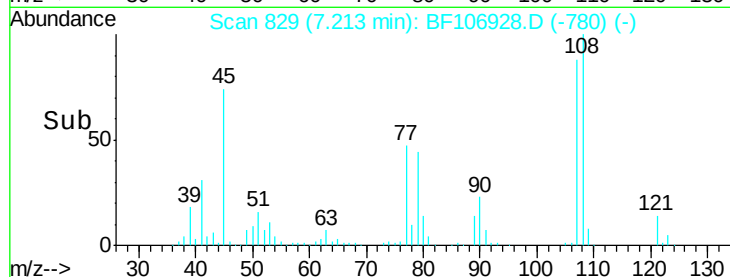


Abundance Ion 107.00 (106.70 to 107.70): E

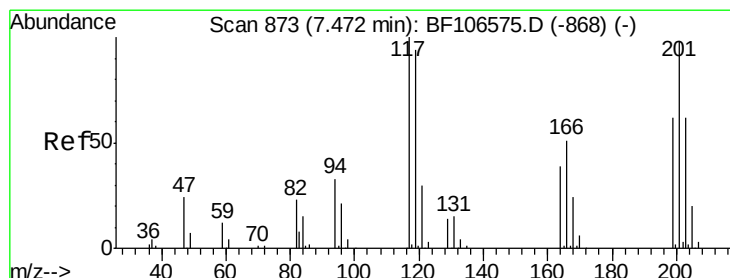
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 38.653 ng

RT: 7.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

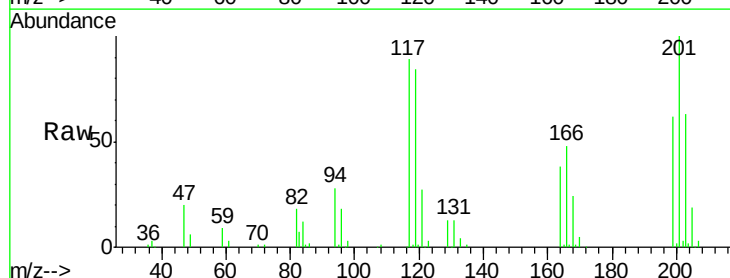
Tgt Ion:117 Resp: 73722

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

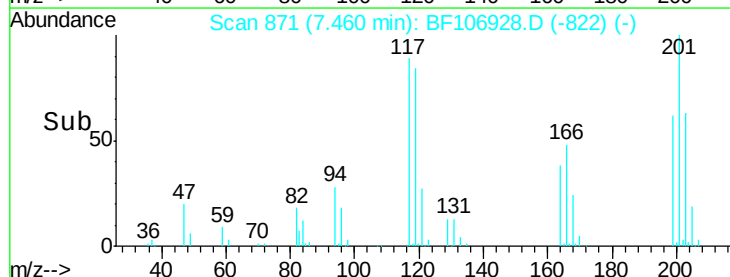
201 112.4 75.7 113.5



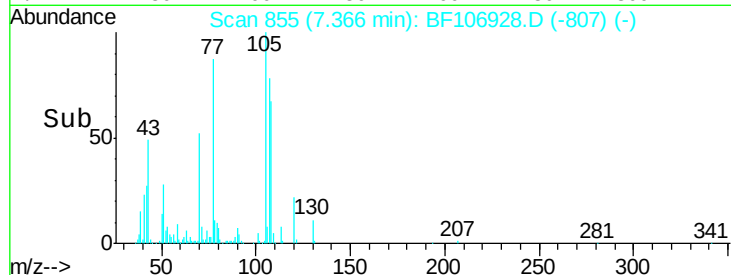
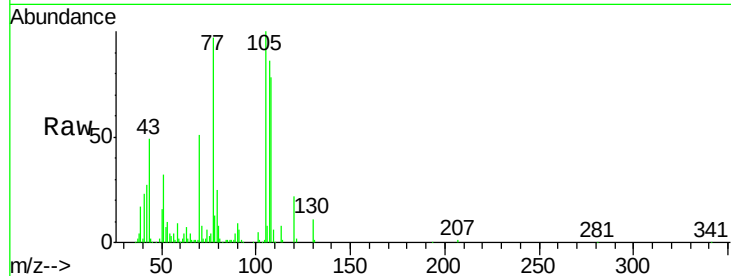
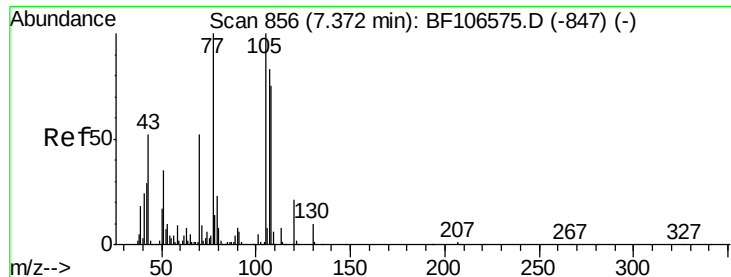
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



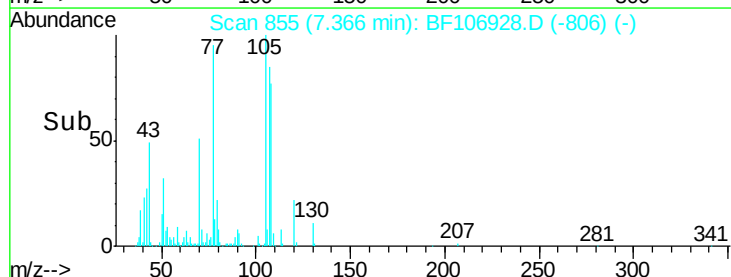
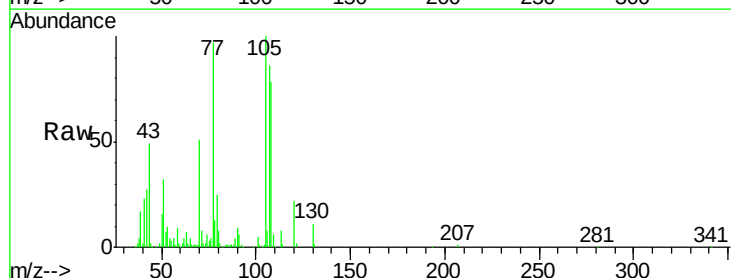
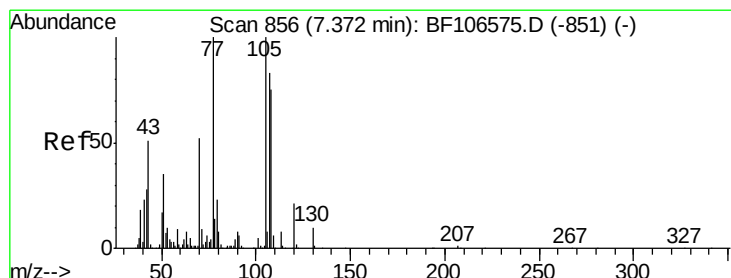
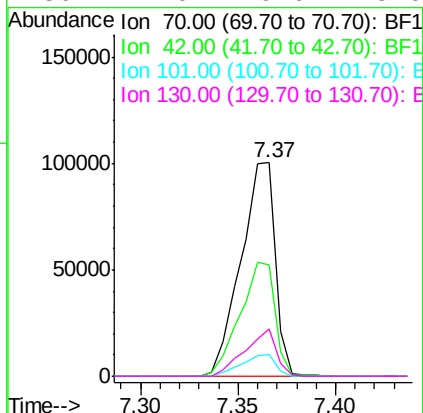
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 35.812 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

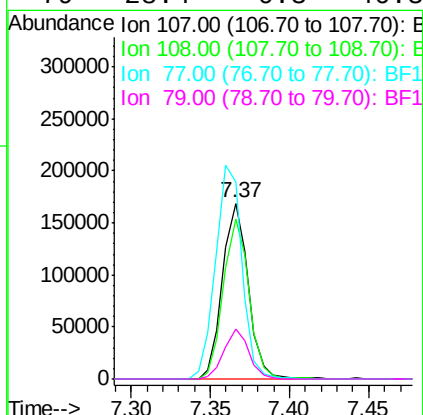
Instrument :
BNA_F
ClientSampleId :
PB110677BS

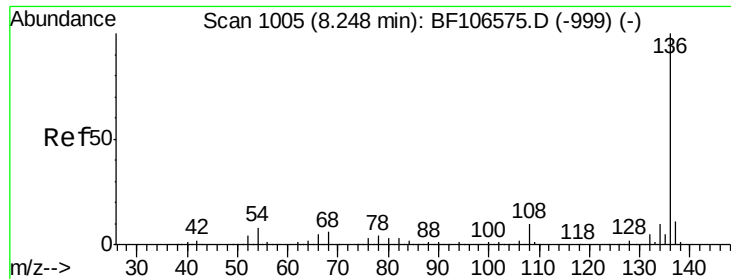
Tgt Ion:	70	Resp:	123107
Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	10.0	7.4	11.2
130	22.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.301 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:	107	Resp:	191326
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	112.0	26.7	66.7#
79	28.4	6.3	46.3

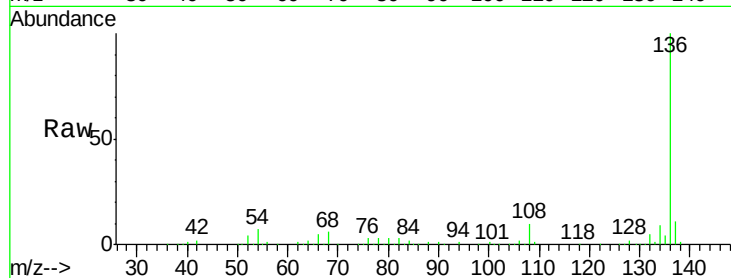




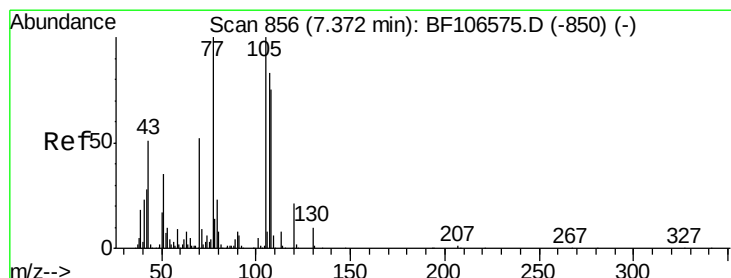
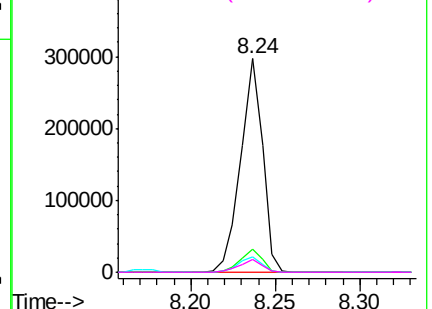
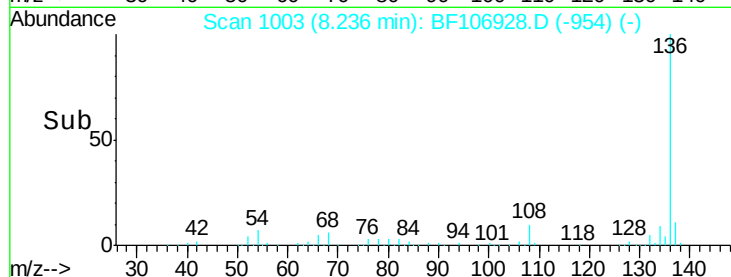
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tgt Ion:	136	Resp:	268775
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4

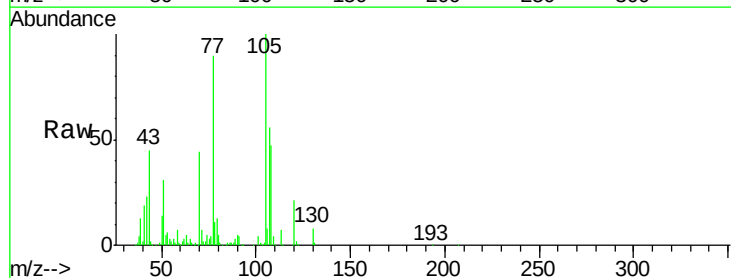


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

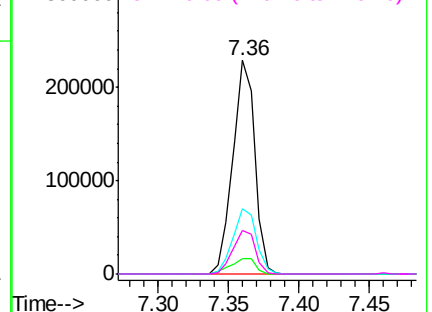
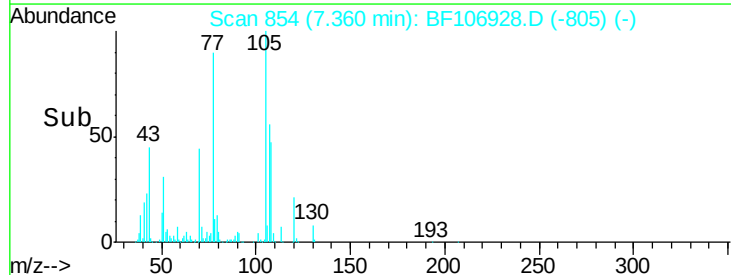


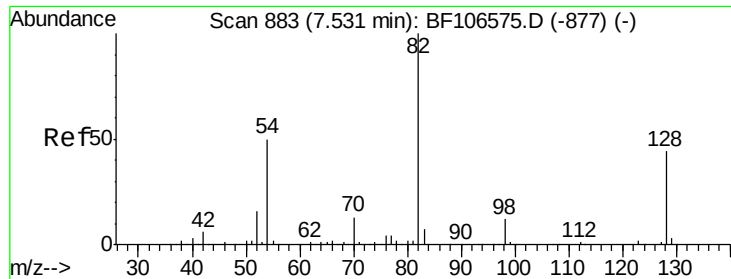
#22
Acetophenone
Concen: 41.225 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:	105	Resp:	247891
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.4	6.6#
51	30.8	22.3	33.5
120	20.5	16.9	25.3



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

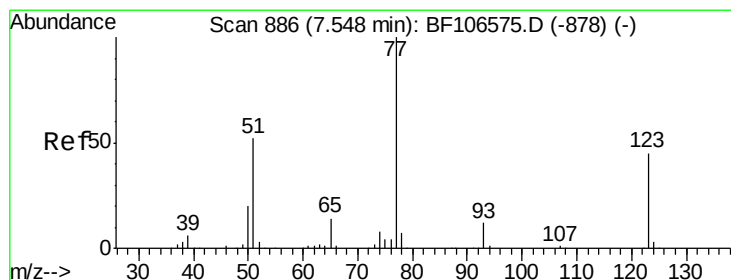
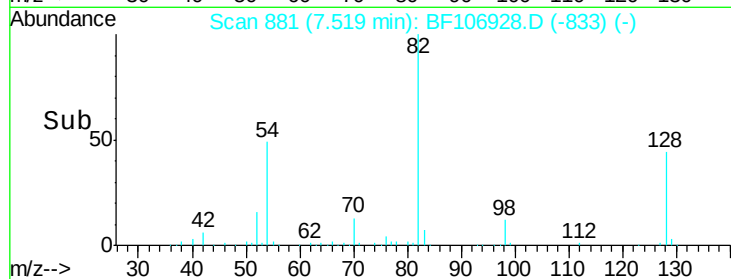
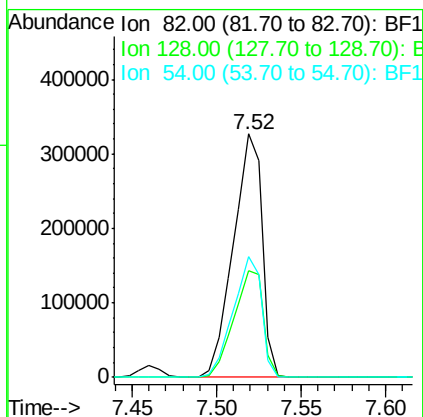
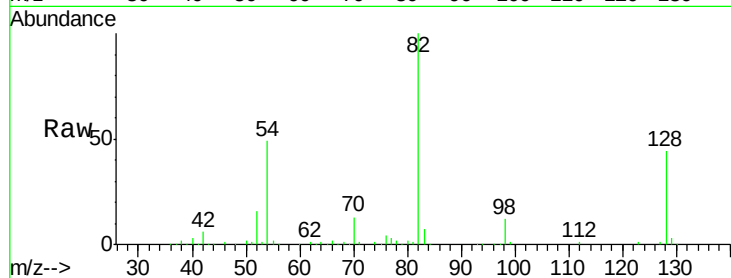




#23
 Nitrobenzene-d5
 Concen: 79.954 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

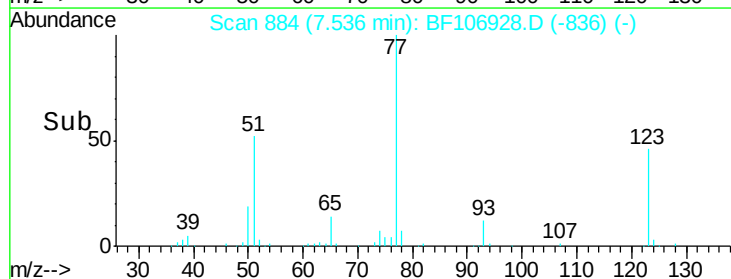
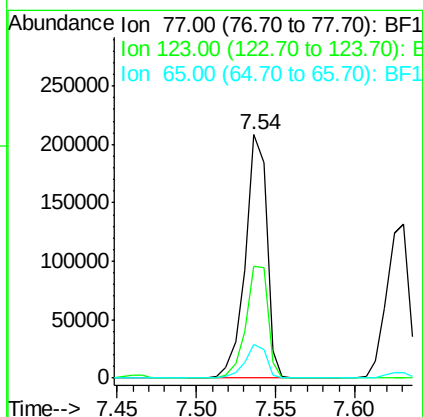
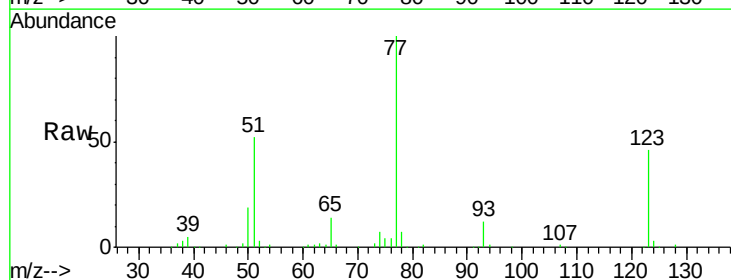
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

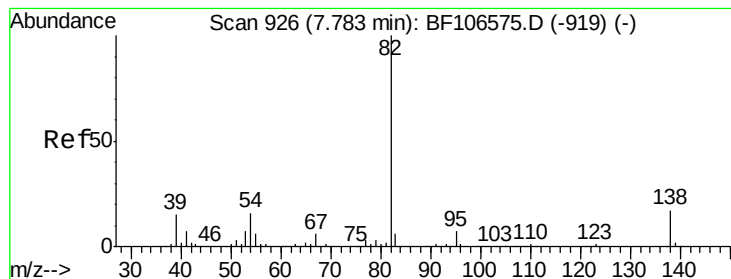
Tgt Ion: 82 Resp: 386686
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 49.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.619 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion: 77 Resp: 195626
 Ion Ratio Lower Upper
 77 100
 123 46.2 37.9 56.9
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 41.289 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

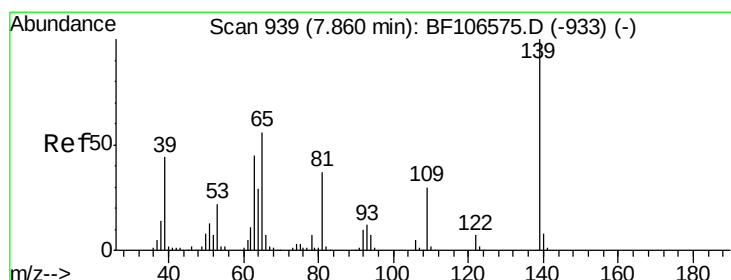
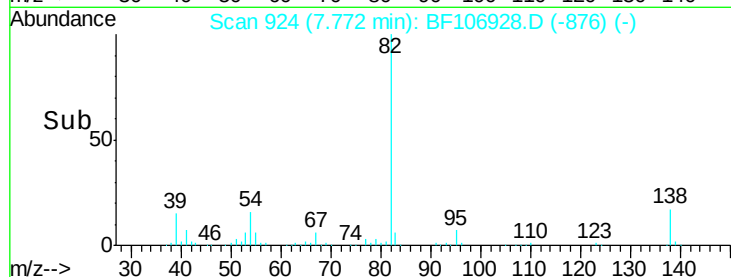
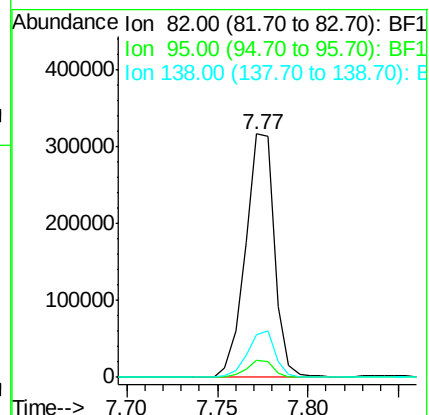
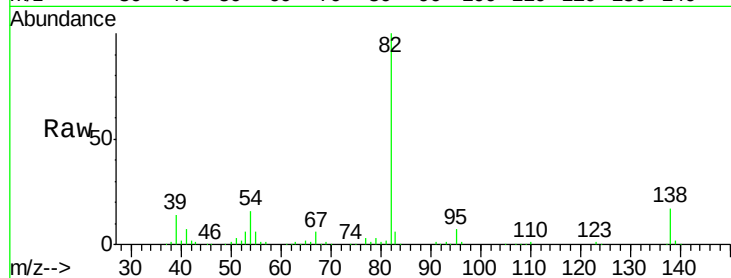
Tgt Ion: 82 Resp: 351880

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 43.582 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

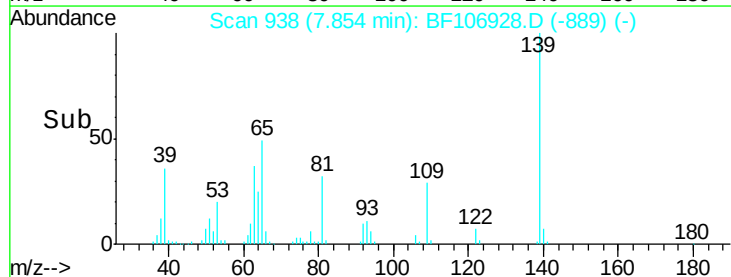
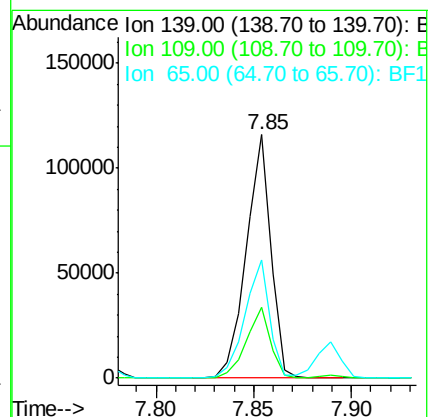
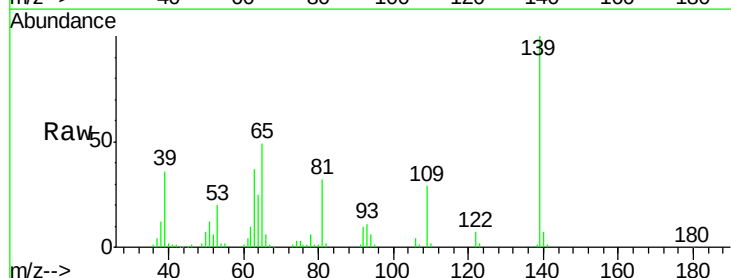
Tgt Ion: 139 Resp: 101587

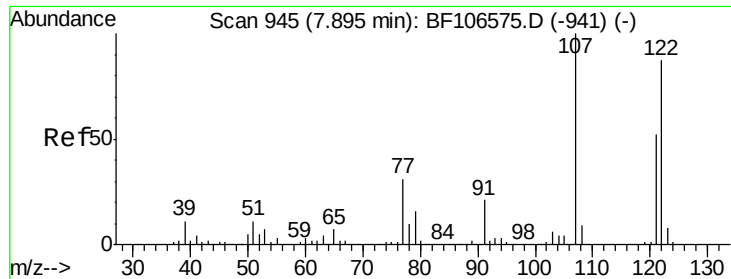
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 48.8 40.5 60.7

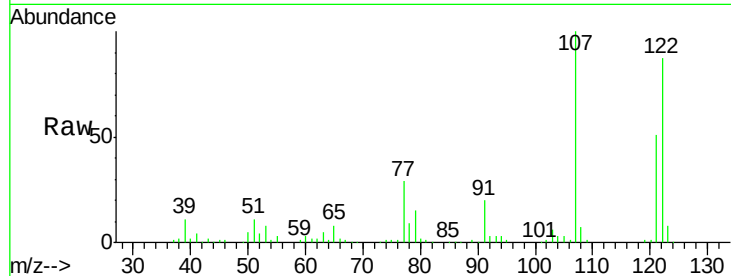




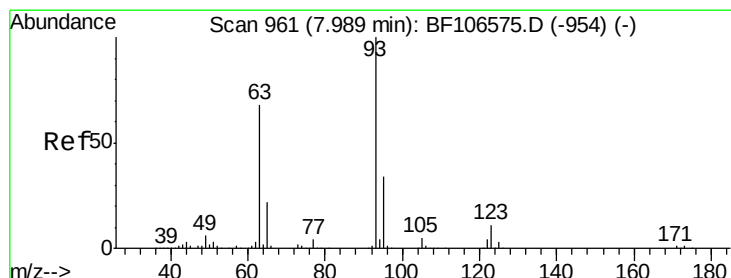
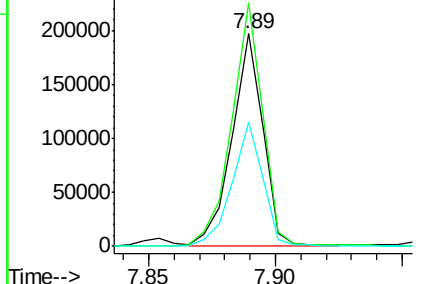
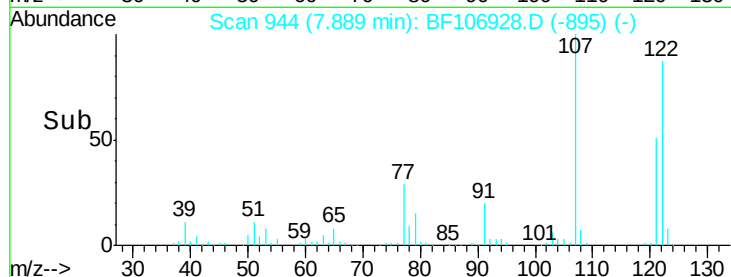
#27
 2,4-Dimethylphenol
 Concen: 46.646 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tgt Ion: 122 Resp: 168059
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 58.3 47.2 70.8

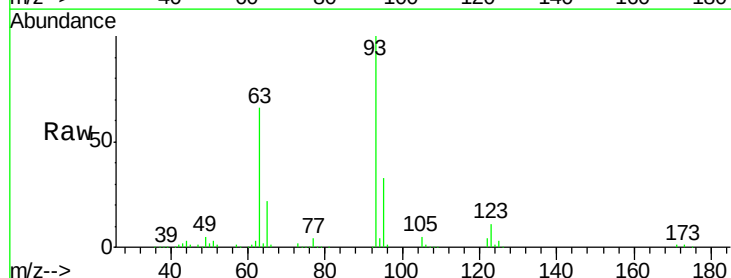


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

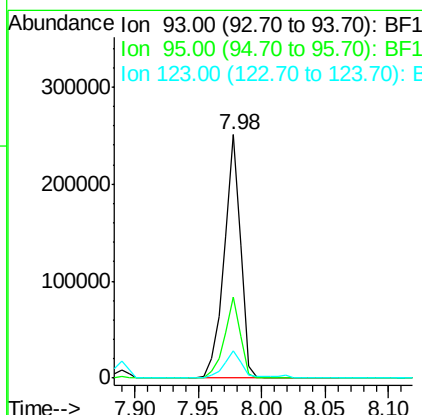
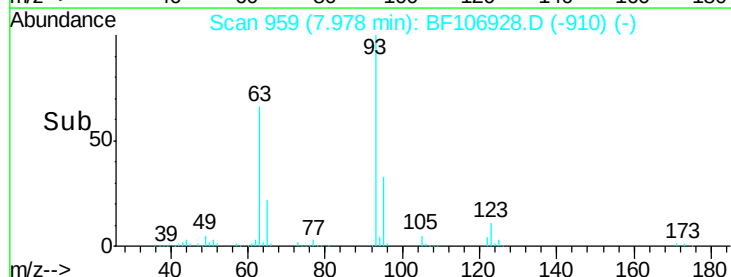


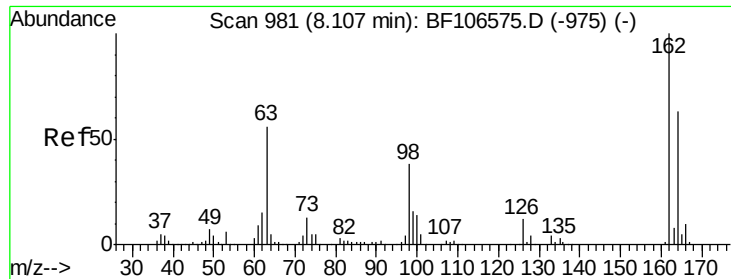
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.307 ng
 RT: 7.98 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion: 93 Resp: 224922
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.0 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

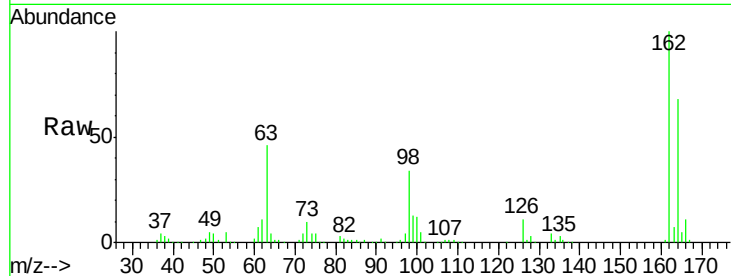




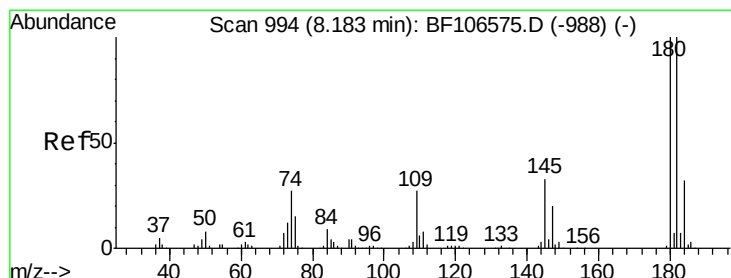
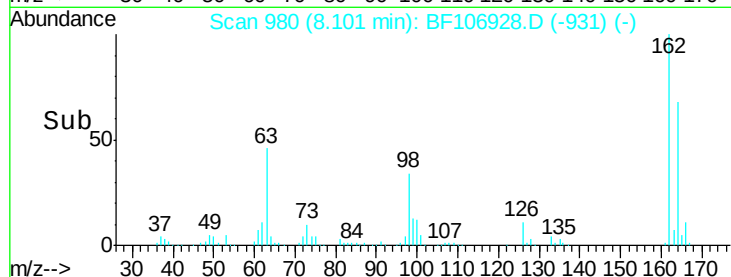
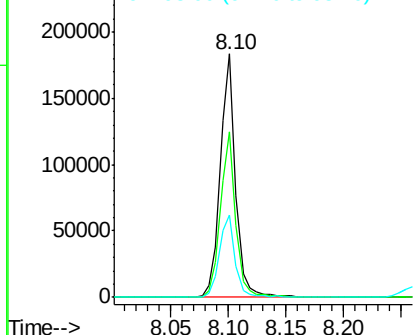
#29
2,4-Dichlorophenol
Concen: 44.930 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.2	42.7	82.7
98	33.8	18.1	58.1

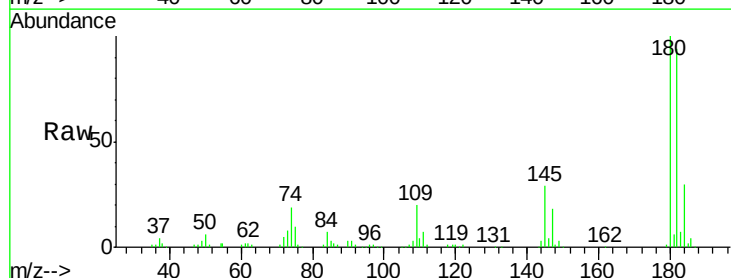


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

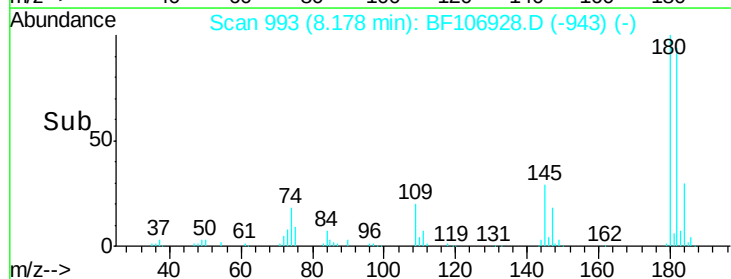
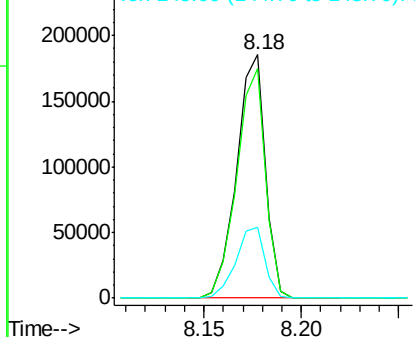


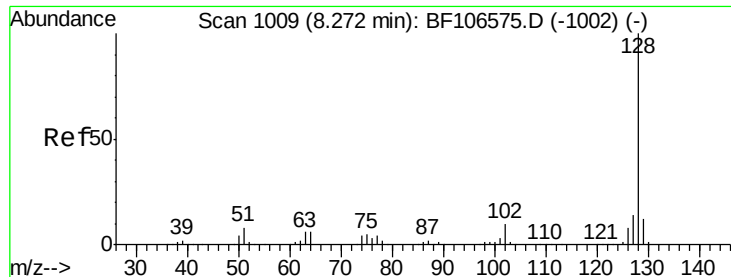
#30
1,2,4-Trichlorobenzene
Concen: 45.488 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	29.3	26.5	39.7



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

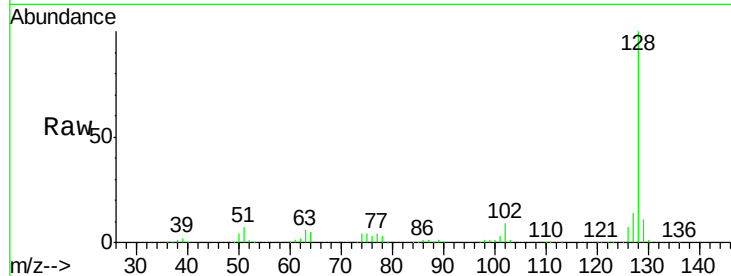




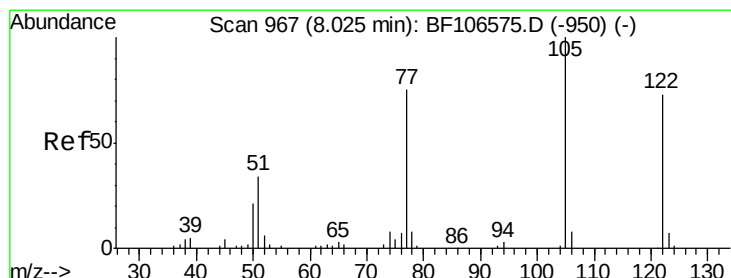
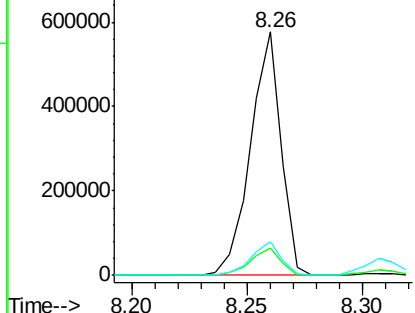
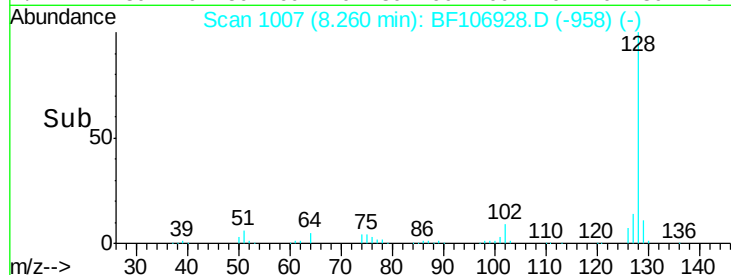
#31
Naphthalene
Concen: 42.449 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tgt Ion:128 Resp: 533411
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3

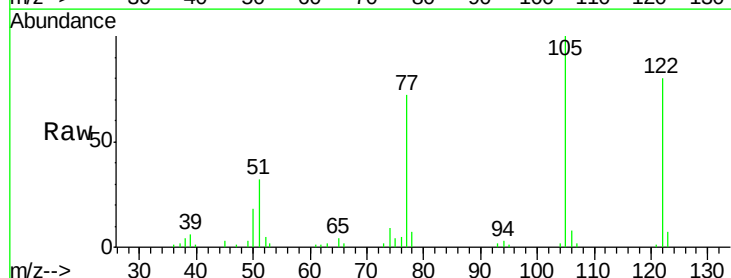


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

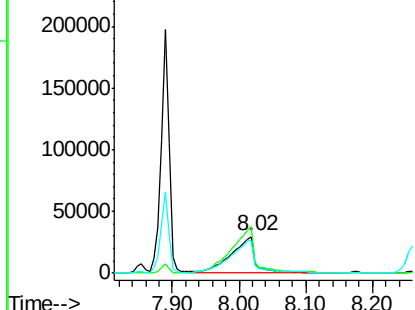
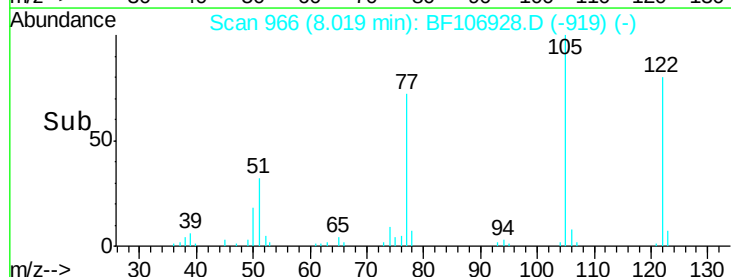


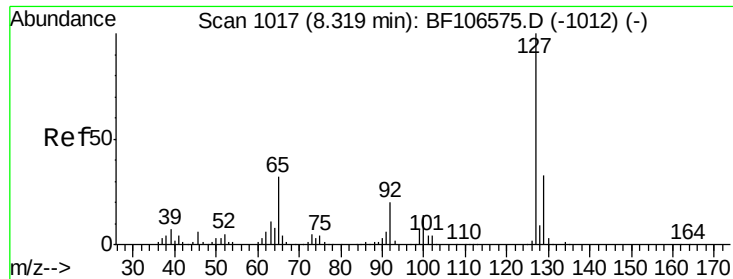
#32
Benzoic acid
Concen: 31.210 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:122 Resp: 75825
Ion Ratio Lower Upper
122 100
105 125.7 101.1 141.1
77 90.2 70.7 110.7



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

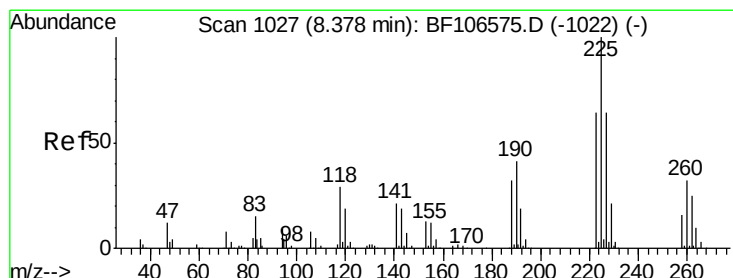
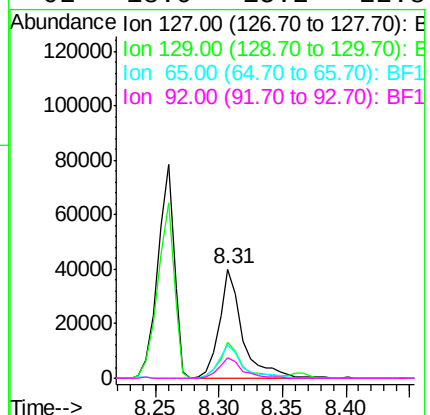
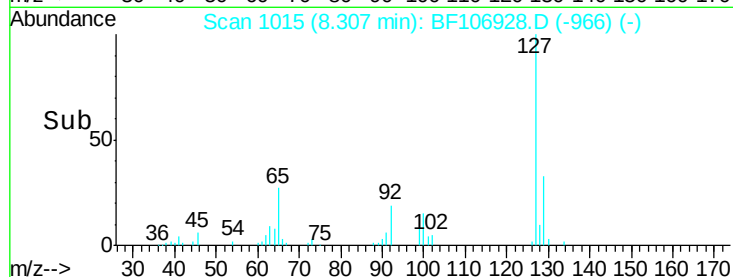
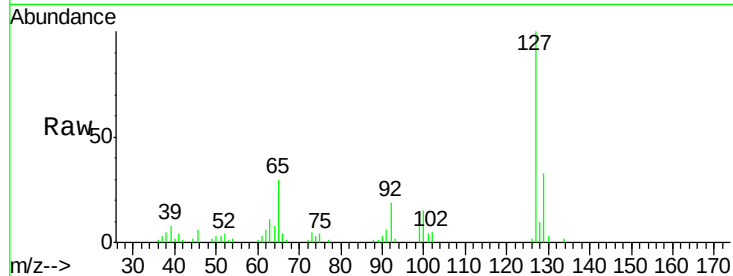




#33
4-Chloroaniline
Concen: 9.753 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

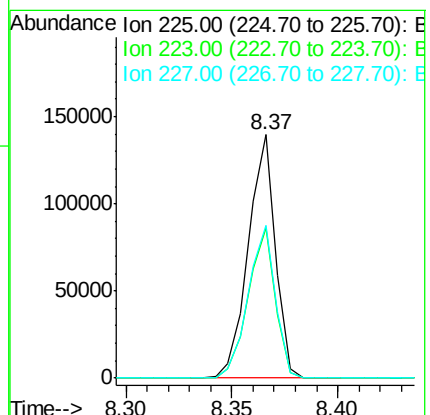
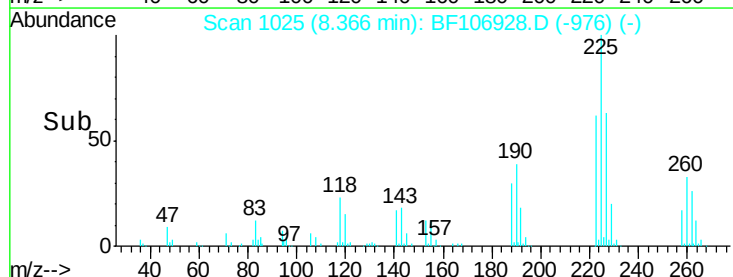
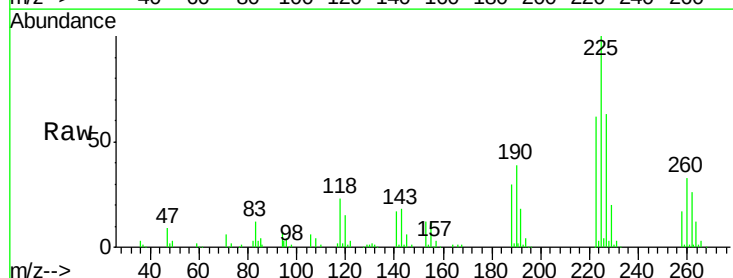
Instrument :
BNA_F
ClientSampleId :
PB110677BS

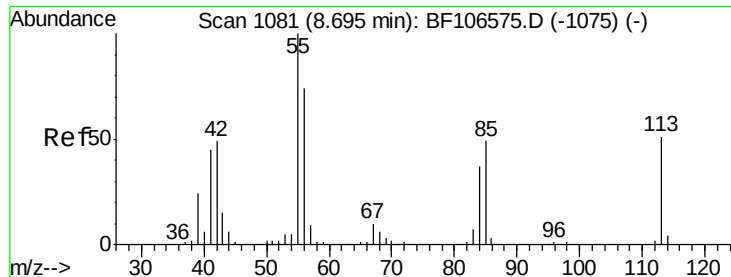
Tgt Ion:	127	Resp:	51426
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.3	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 45.915 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:	225	Resp:	124317
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	62.7	51.9	77.9

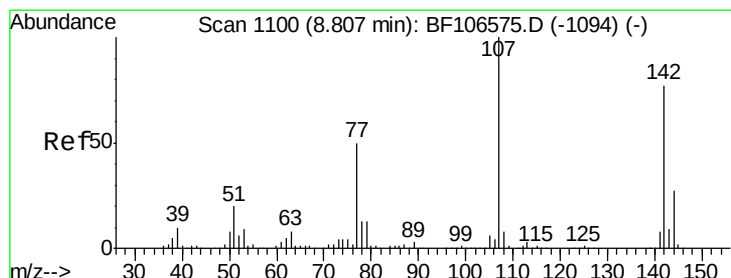
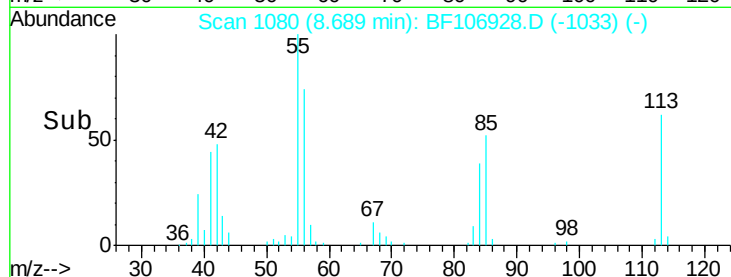
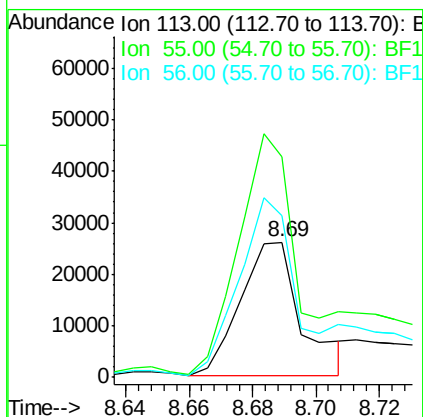
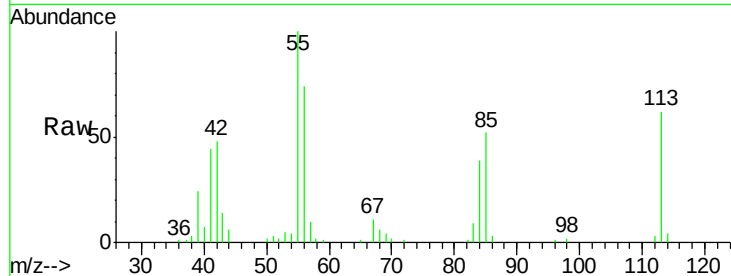




#35
 Caprolactam
 Concen: 28.237 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

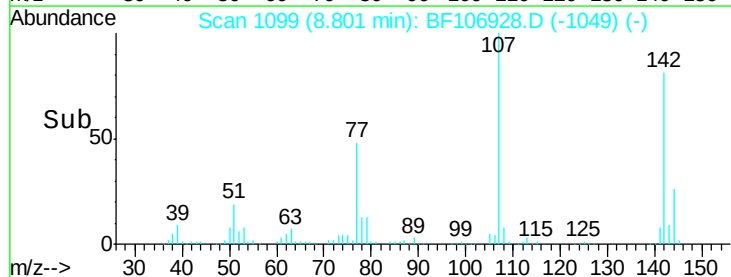
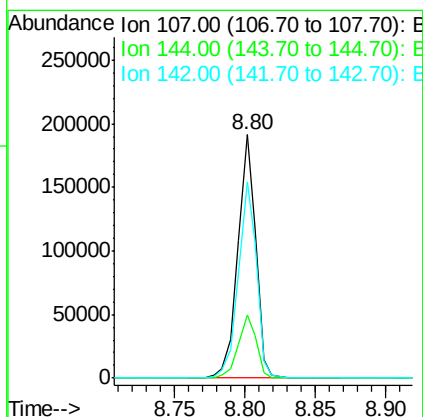
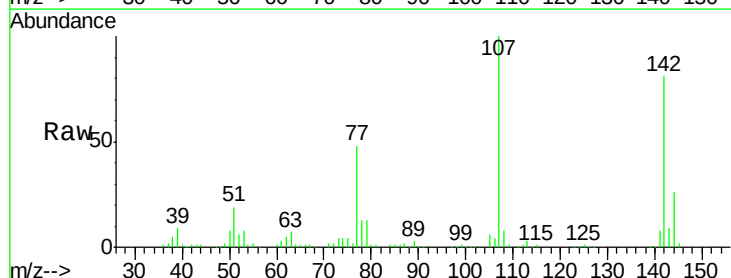
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

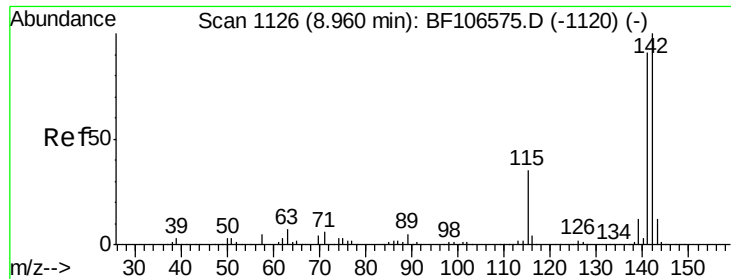
Tgt Ion:113 Resp: 34719
 Ion Ratio Lower Upper
 113 100
 55 162.5 163.3 203.3#
 56 119.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.467 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:107 Resp: 168603
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 80.8 62.0 93.0

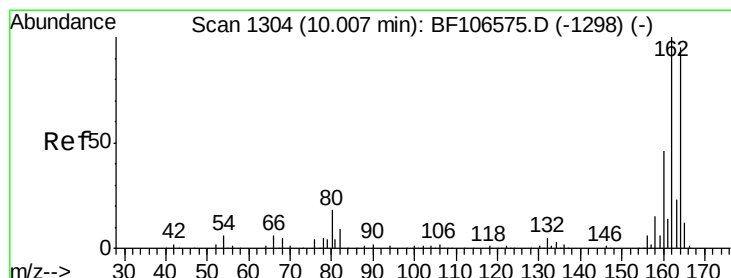
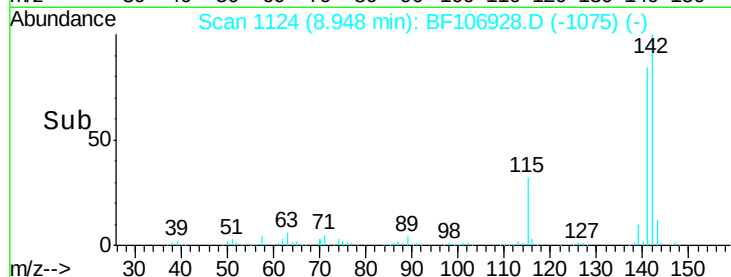
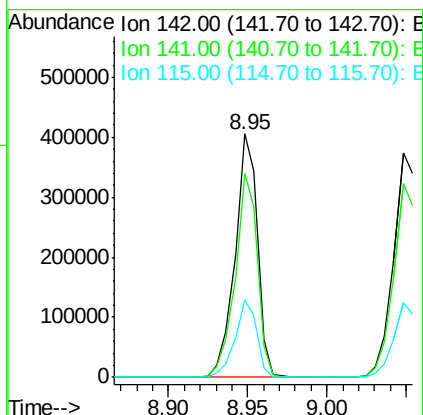
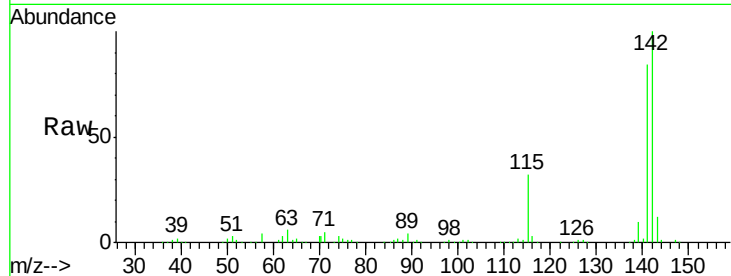




#37
2-Methylnaphthalene
Concen: 47.700 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

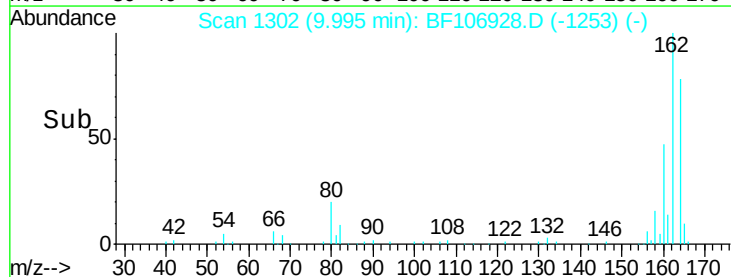
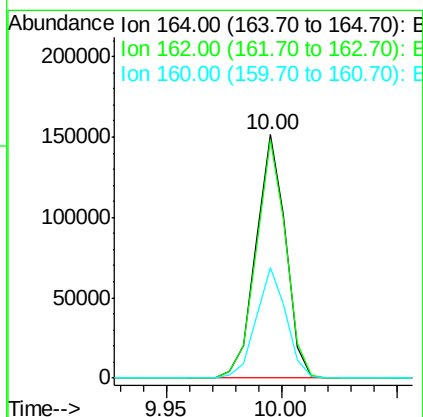
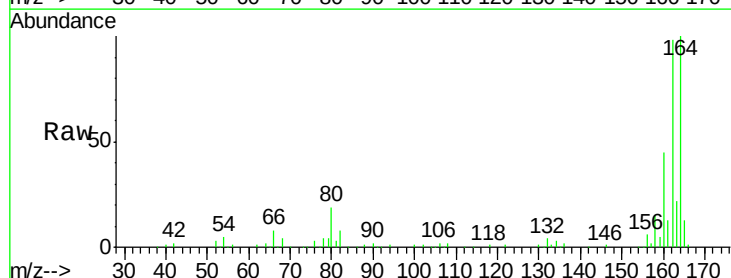
Instrument :
BNA_F
ClientSampleId :
PB110677BS

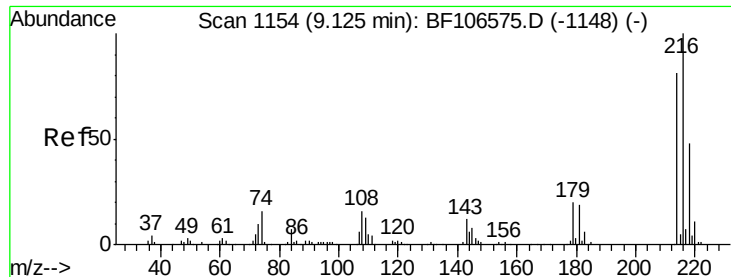
Tgt Ion:142 Resp: 397299
Ion Ratio Lower Upper
142 100
141 83.9 70.8 106.2
115 31.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:164 Resp: 135405
Ion Ratio Lower Upper
164 100
162 98.0 86.1 129.1
160 45.5 38.3 57.5

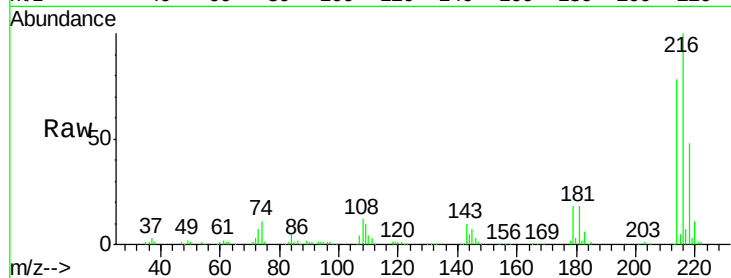




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.772 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	19.3	18.1	27.1
108	15.8	17.2	25.8

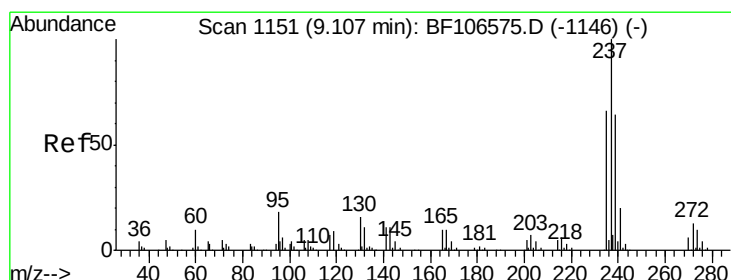
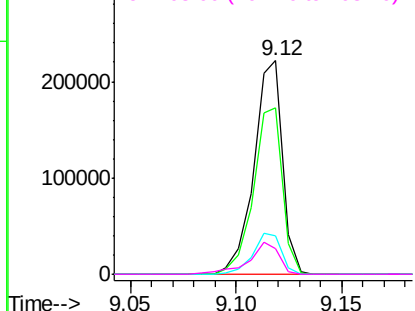
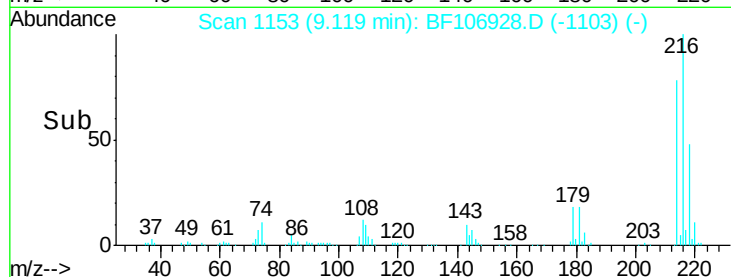


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

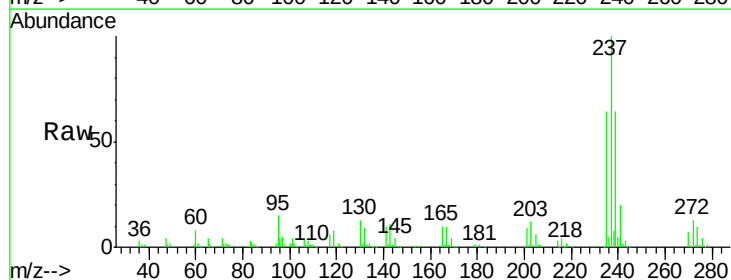
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 59.977 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

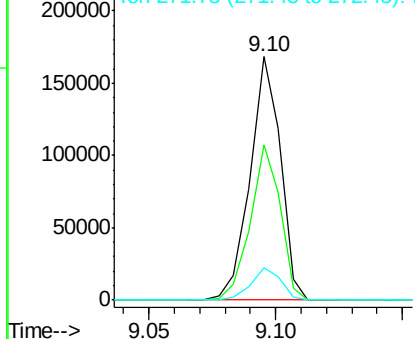
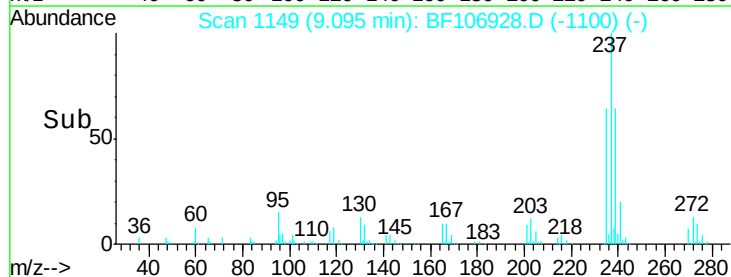
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.8	84.8
272	13.4	0.0	33.3

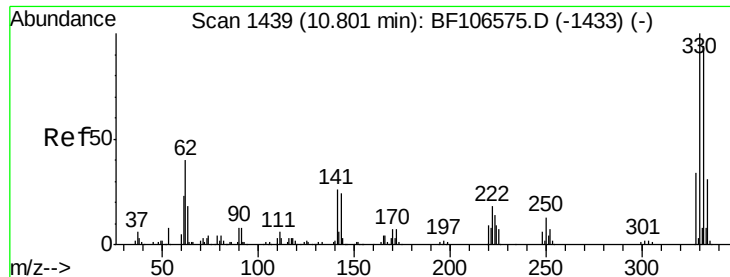


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

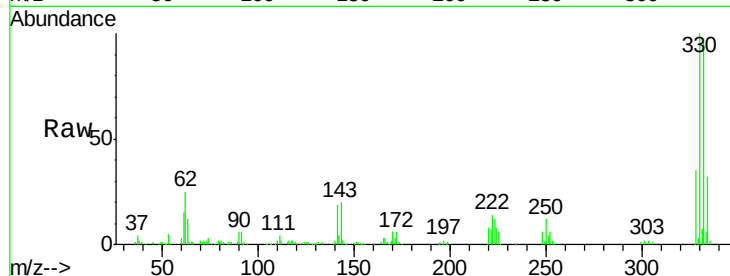




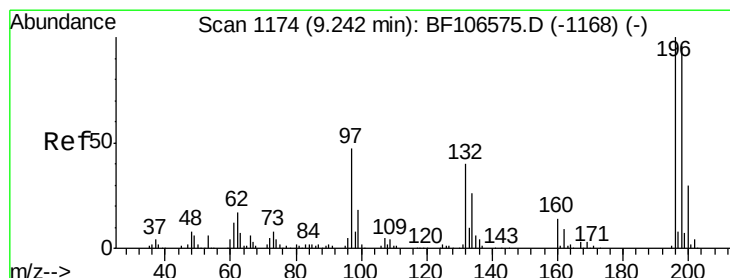
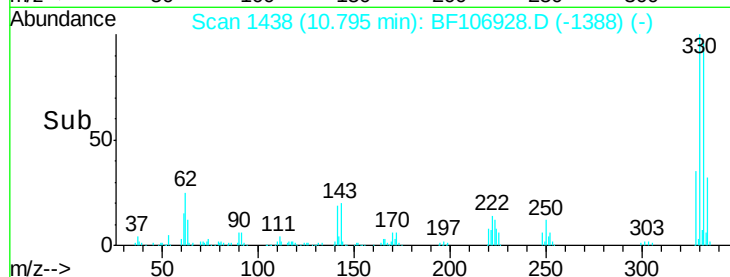
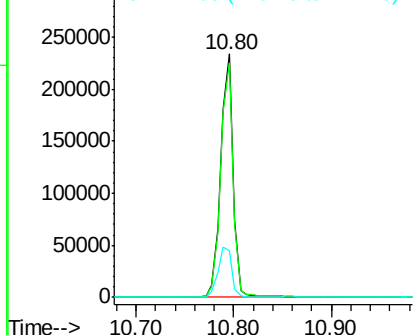
#41
 2,4,6-Tribromophenol
 Concen: 133.159 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tgt Ion:330 Resp: 208977
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 22.6 29.9 44.9#

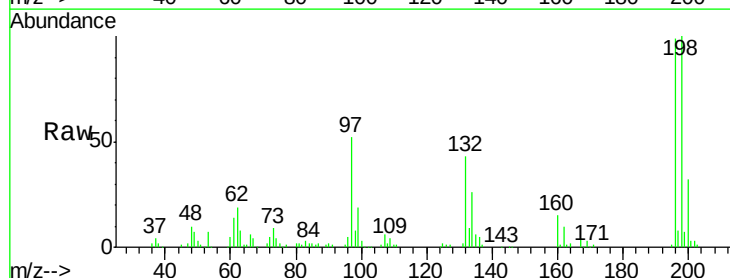


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

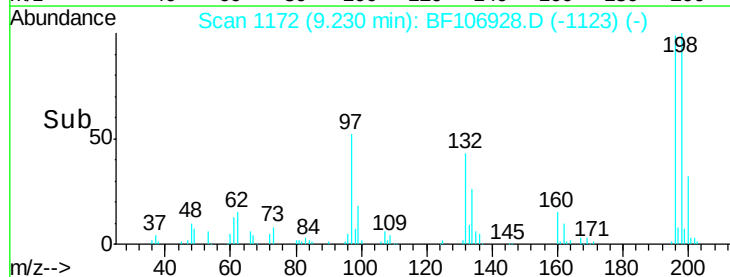
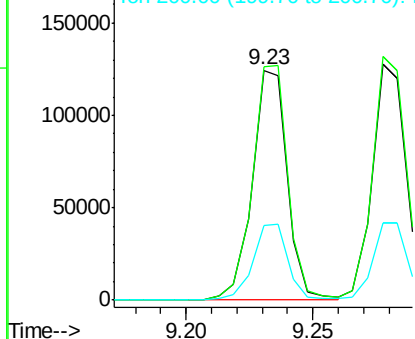


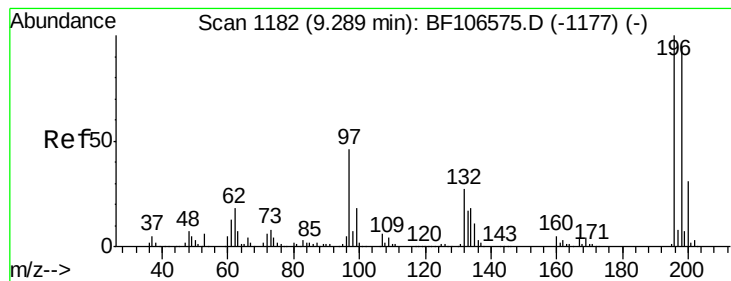
#42
 2,4,6-Trichlorophenol
 Concen: 39.694 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:196 Resp: 120316
 Ion Ratio Lower Upper
 196 100
 198 101.4 75.7 113.5
 200 32.2 24.5 36.7



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

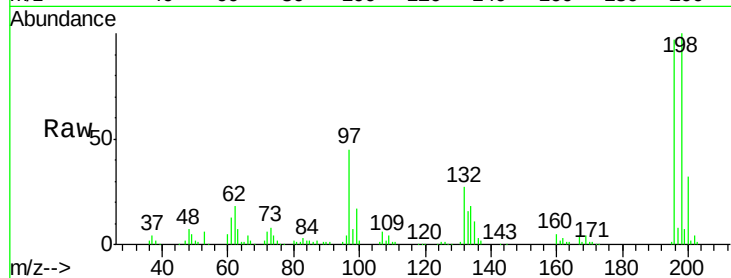




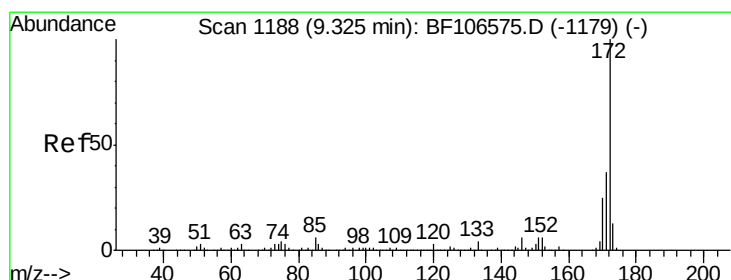
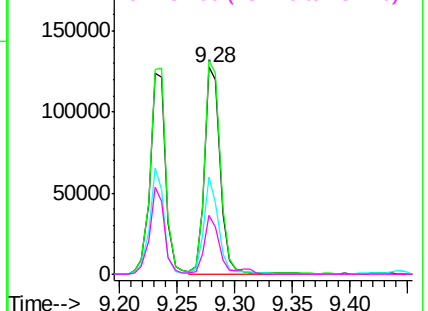
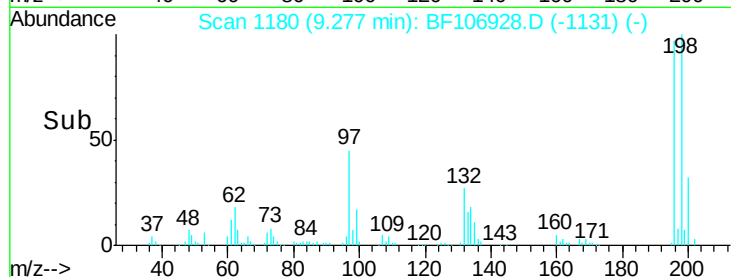
#43
 2,4,5-Trichlorophenol
 Concen: 38.948 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tgt Ion:	196	Resp:	123189
Ion	Ratio	Lower	Upper
196	100		
198	103.3	74.6	112.0
97	46.9	42.9	64.3
132	28.3	26.3	39.5

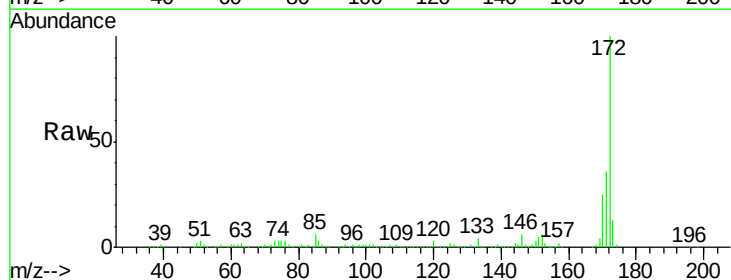


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

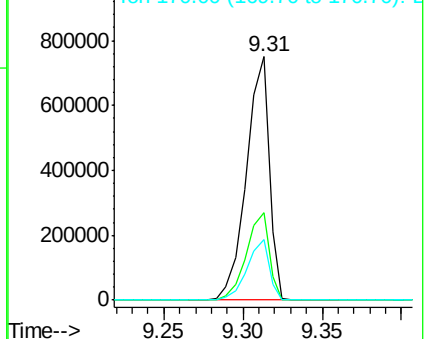
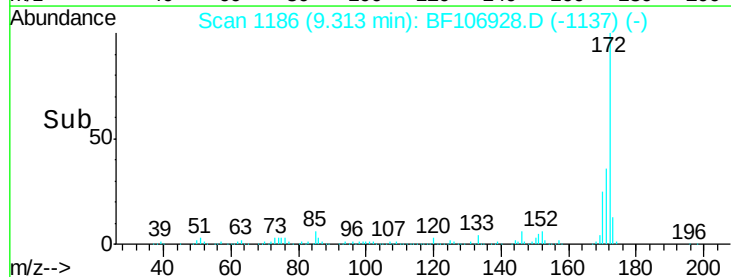


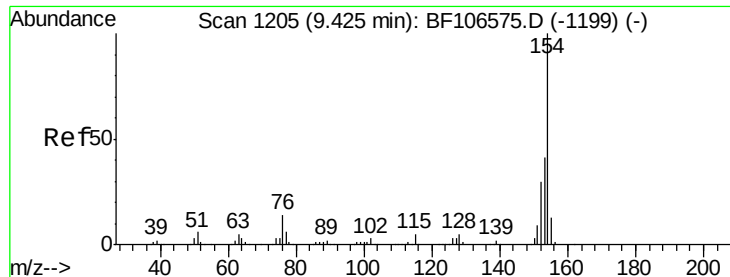
#44
 2-Fluorobiphenyl
 Concen: 95.385 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:	172	Resp:	748634
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

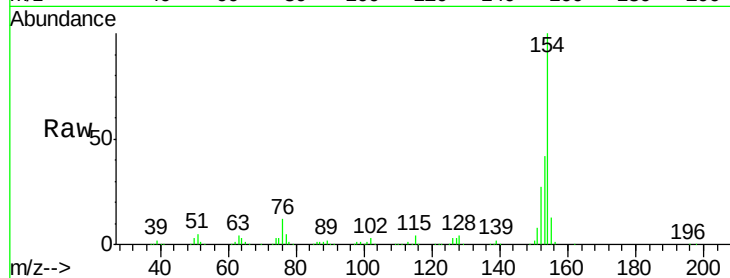




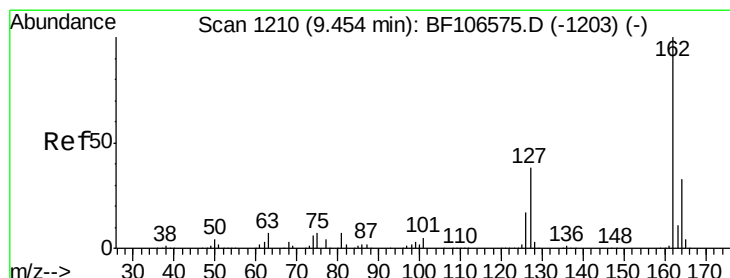
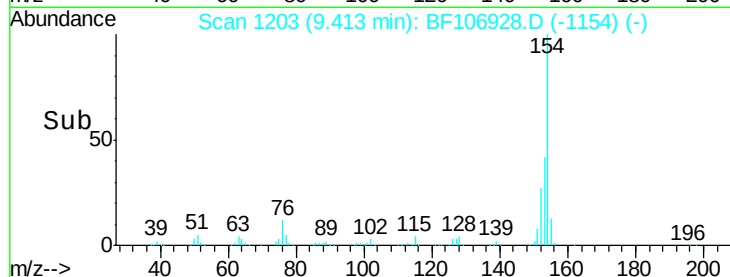
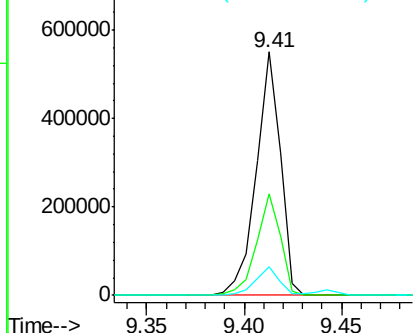
#45
 1,1'-Biphenyl
 Concen: 43.746 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tgt Ion:154 Resp: 472066
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 12.0 0.0 34.0

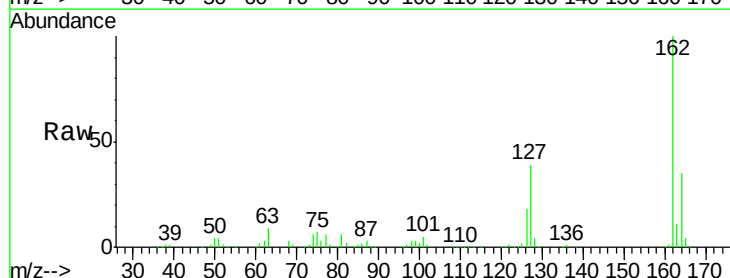


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

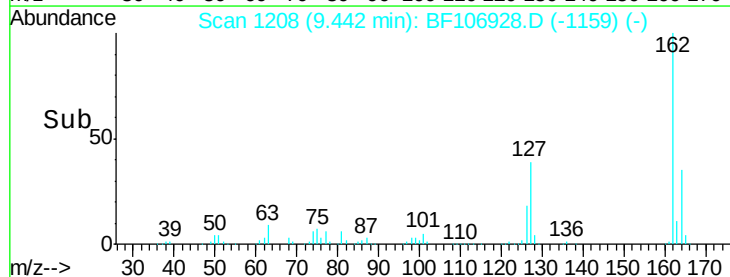
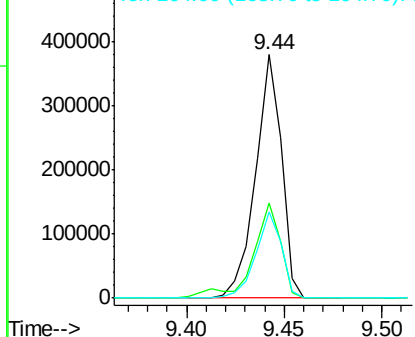


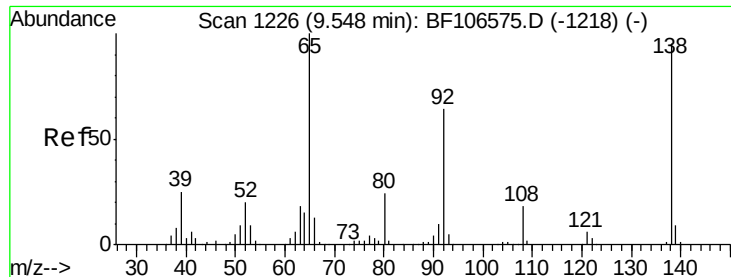
#46
 2-Chloronaphthalene
 Concen: 41.275 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:162 Resp: 350599
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.9 50.9
 164 35.2 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

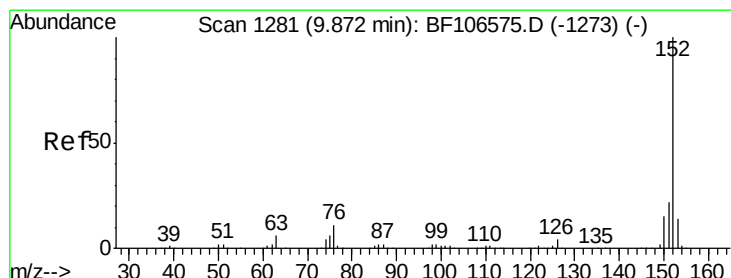
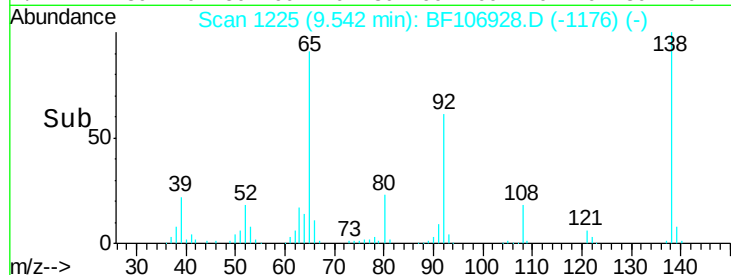
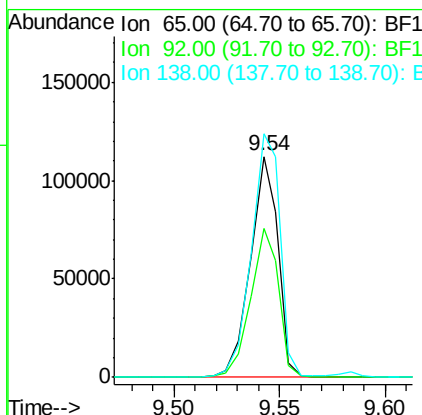
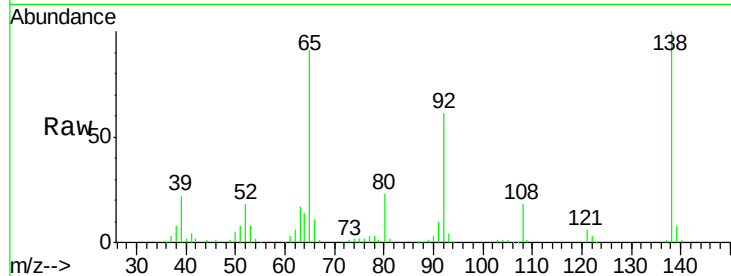




#47
2-Nitroaniline
Concen: 35.816 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

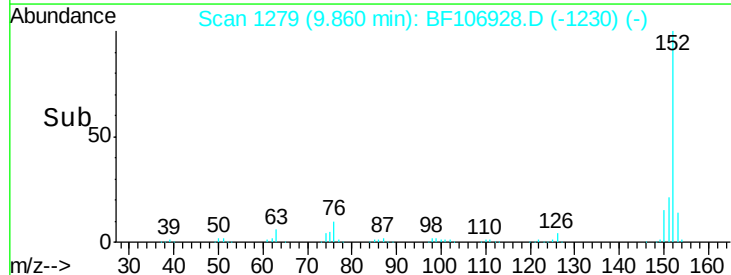
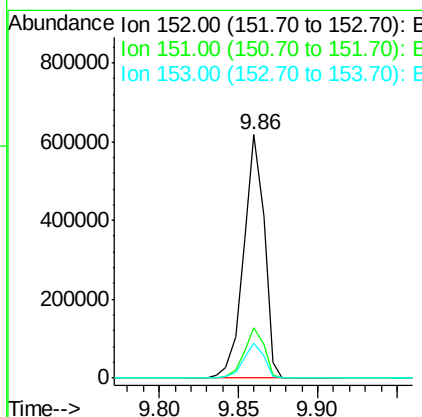
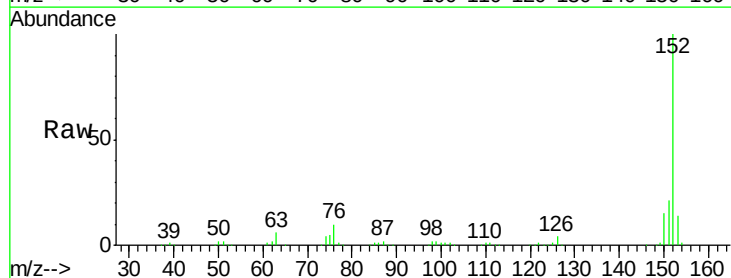
Instrument :
BNA_F
ClientSampleId :
PB110677BS

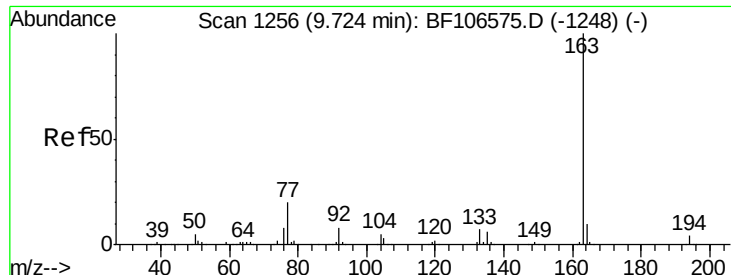
Tgt Ion: 65 Resp: 102301
Ion Ratio Lower Upper
65 100
92 67.6 55.8 83.6
138 110.2 91.2 136.8



#48
Acenaphthylene
Concen: 41.135 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion: 152 Resp: 551640
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.5 10.7 16.1

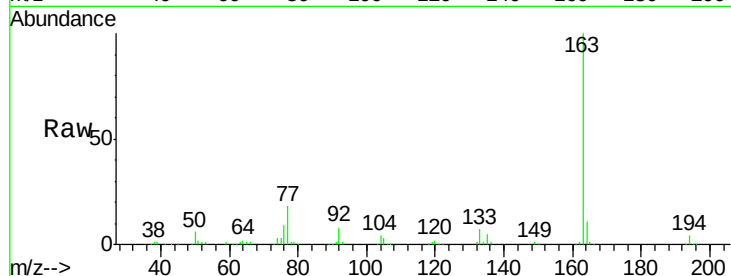




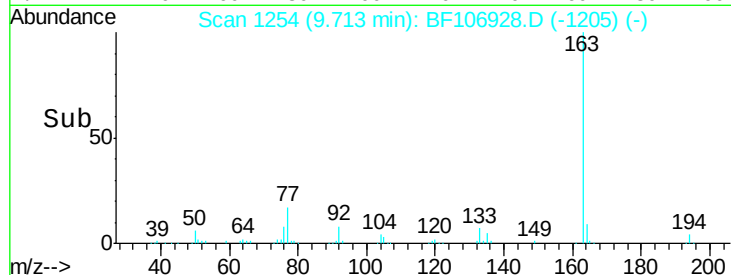
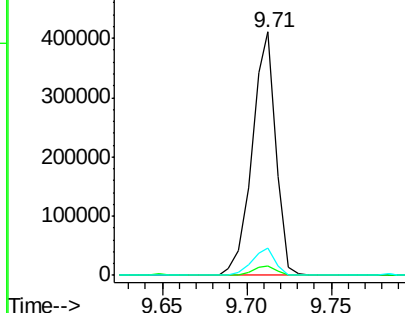
#49
Dimethylphthalate
Concen: 39.697 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tgt Ion:163 Resp: 403140
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.0 8.2 12.2

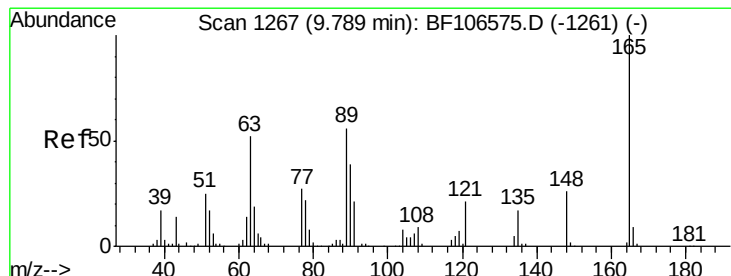


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

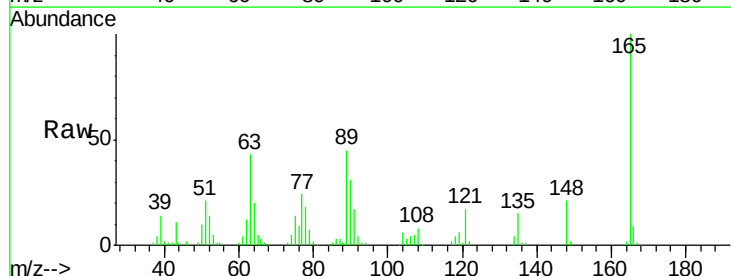
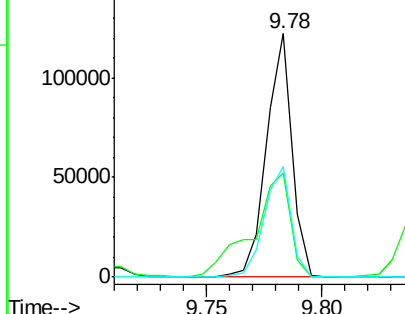


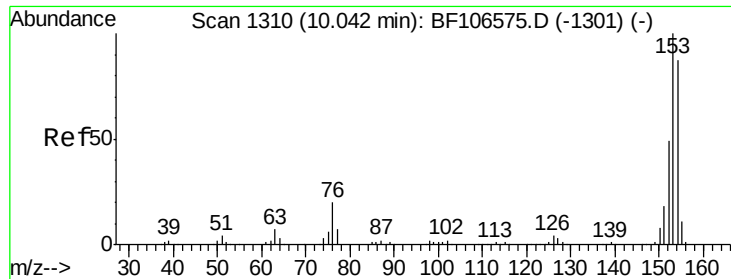
#50
2,6-Dinitrotoluene
Concen: 43.771 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:165 Resp: 94129
Ion Ratio Lower Upper
165 100
63 42.9 44.7 67.1#
89 45.3 44.0 66.0



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





#51

Acenaphthene

Concen: 39.153 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

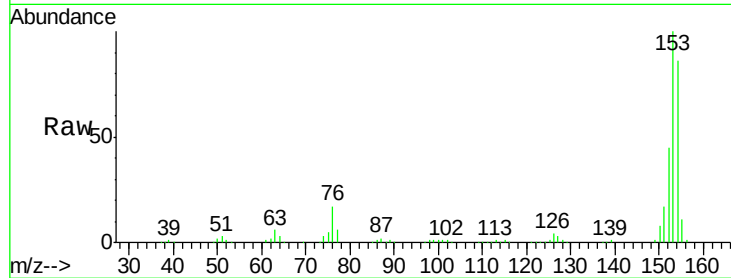
Tgt Ion:154 Resp: 330641

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

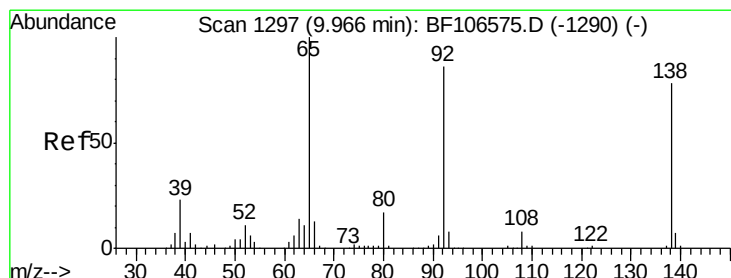
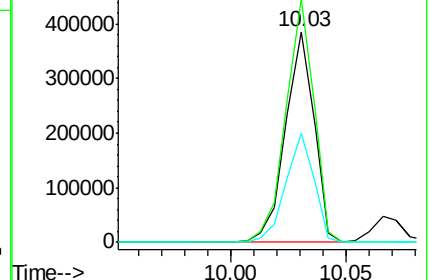
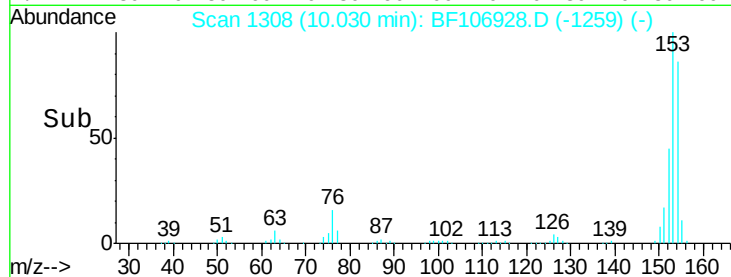
152 51.8 43.8 65.8



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: 15.914 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

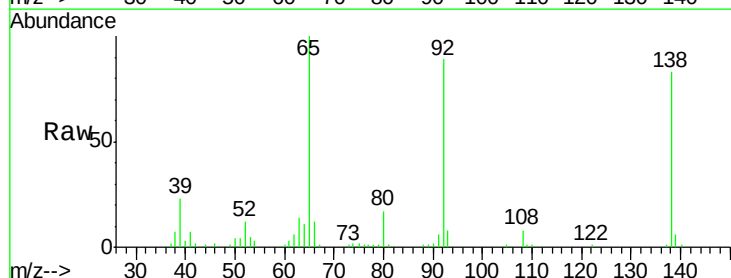
Tgt Ion:138 Resp: 39382

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

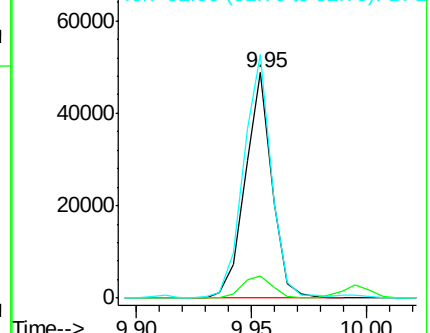
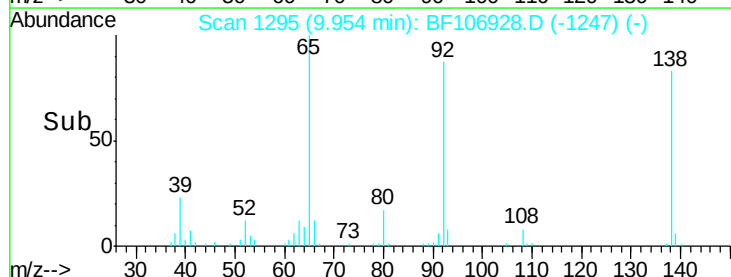
92 108.2 89.4 134.2

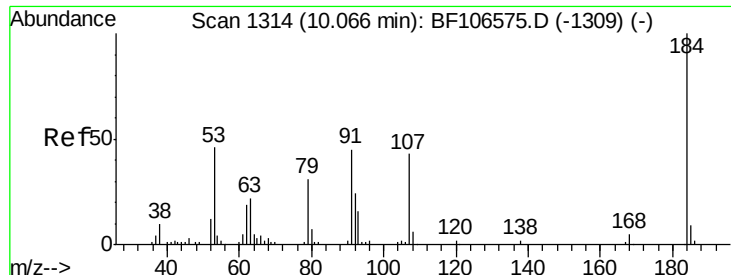


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

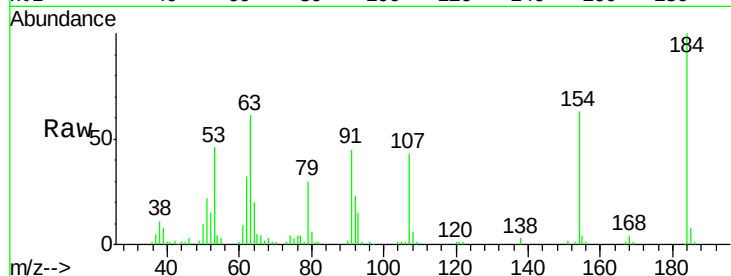




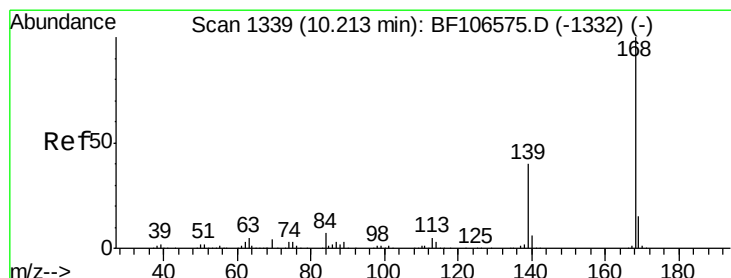
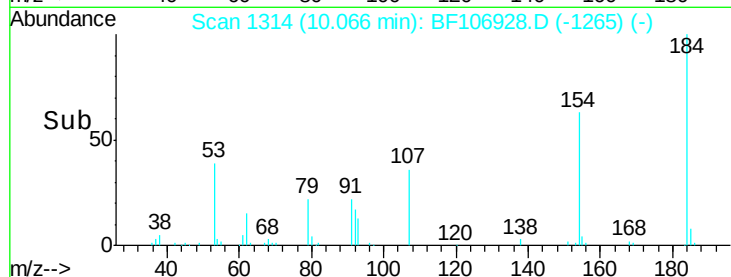
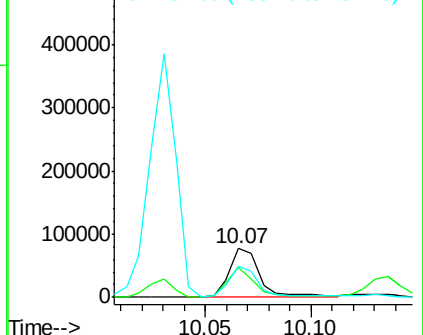
#53
 2,4-Dinitrophenol
 Concen: 71.062 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tgt Ion:184 Resp: 78737
 Ion Ratio Lower Upper
 184 100
 63 61.1 54.2 81.2
 154 63.0 184.0 276.0#

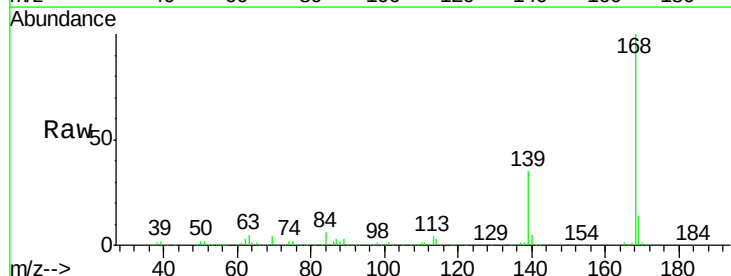


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

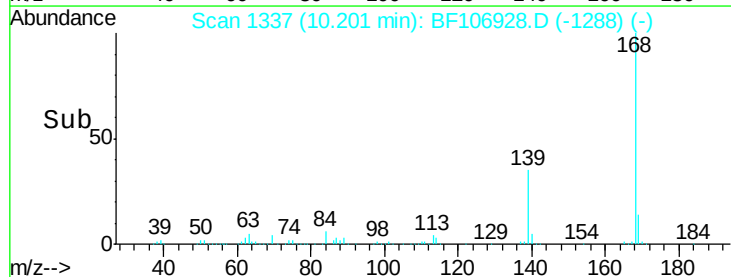
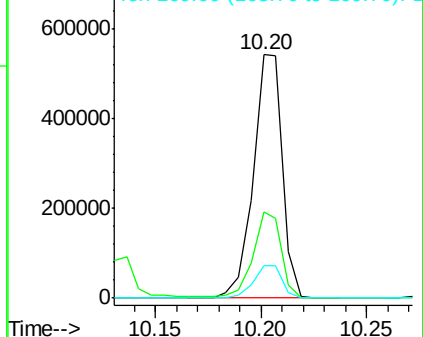


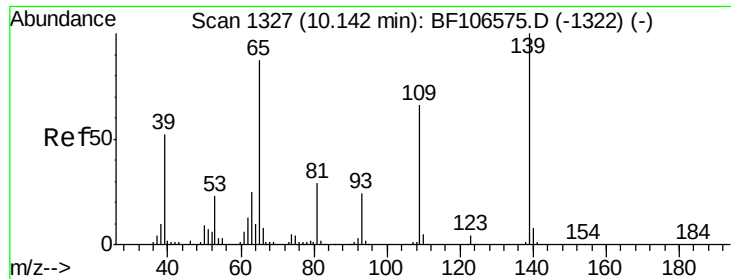
#54
 Dibenzofuran
 Concen: 44.677 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:168 Resp: 516626
 Ion Ratio Lower Upper
 168 100
 139 35.4 30.1 45.1
 169 13.6 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

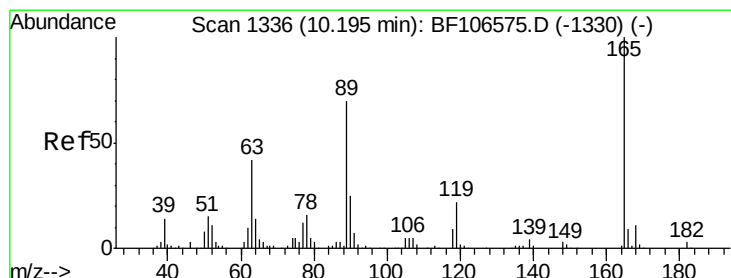
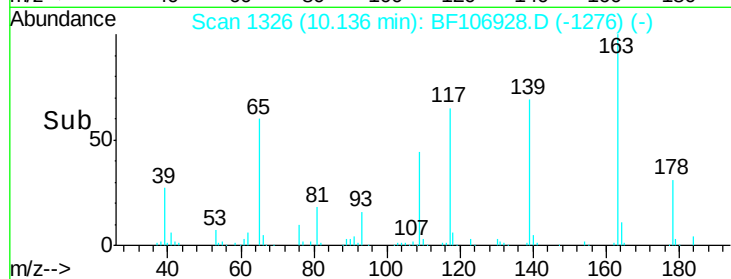
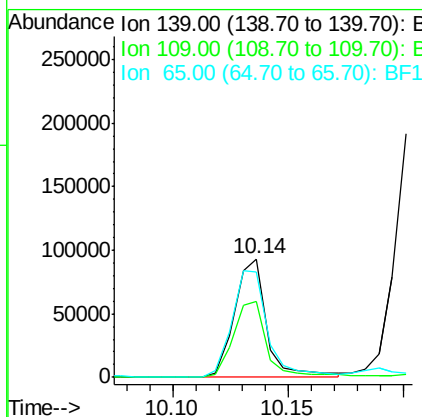
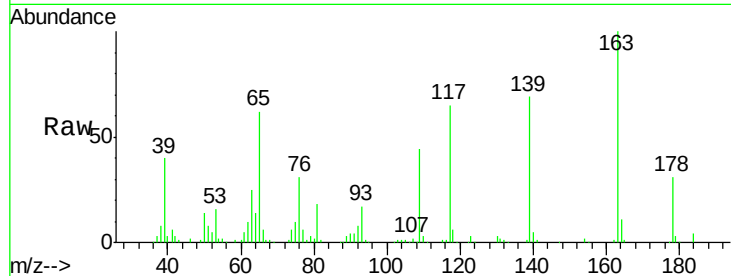




#55
4-Nitrophenol
Concen: 52.612 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

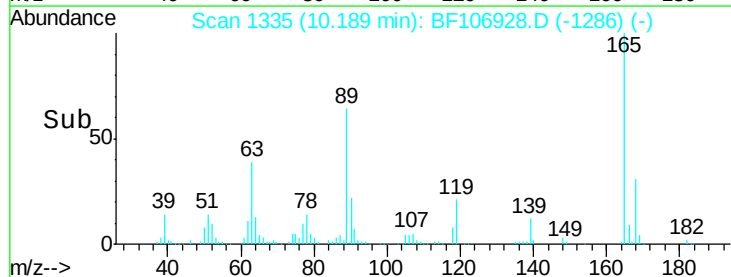
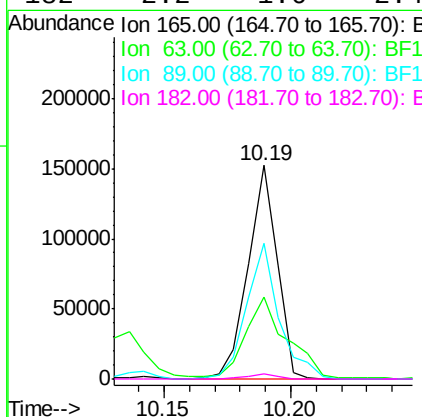
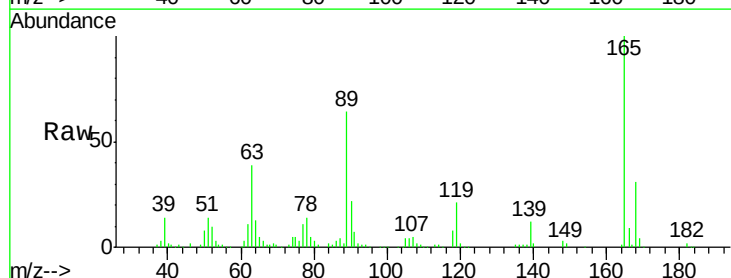
Instrument :
BNA_F
ClientSampleId :
PB110677BS

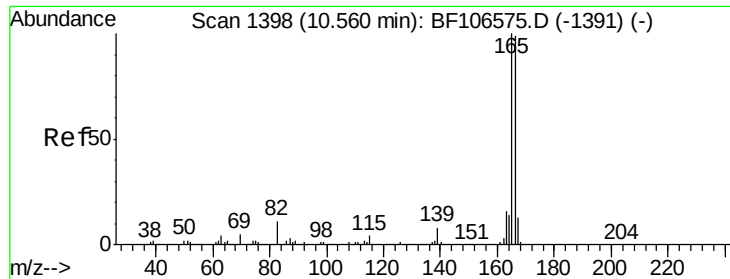
Tgt Ion:139 Resp: 90877
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 89.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.707 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:165 Resp: 122685
Ion Ratio Lower Upper
165 100
63 38.6 36.4 54.6
89 63.7 57.8 86.6
182 2.2 1.6 2.4

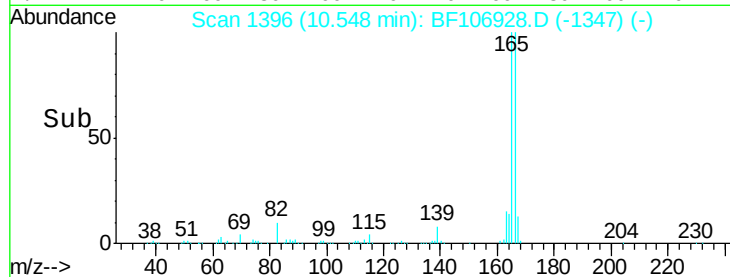
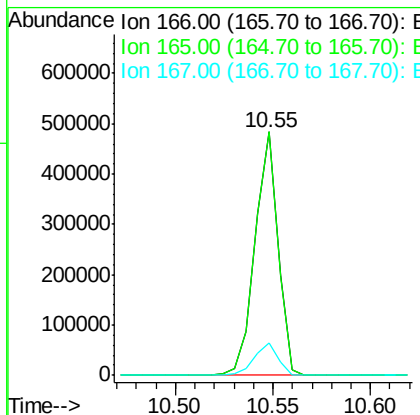
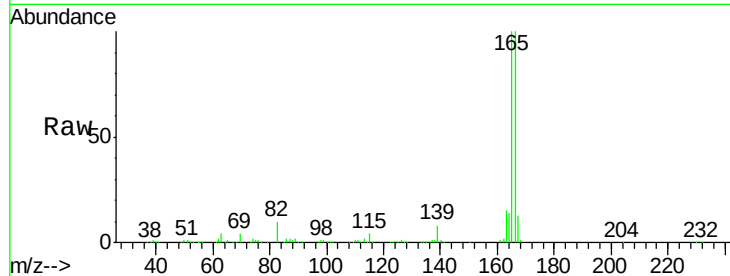




#57
 Fluorene
 Concen: 43.091 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

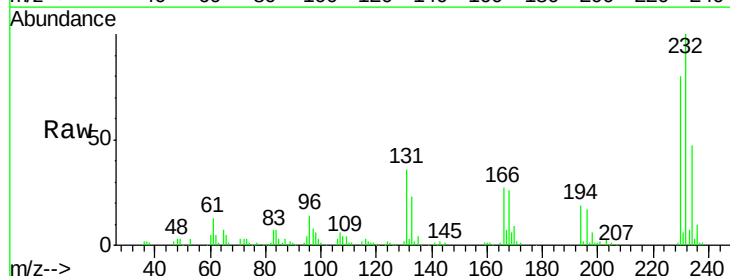
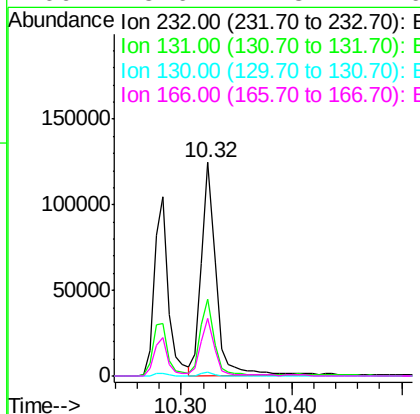
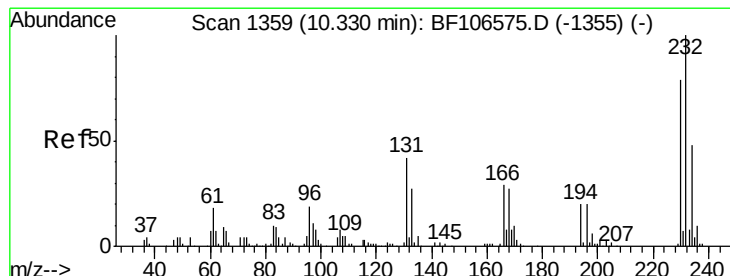
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

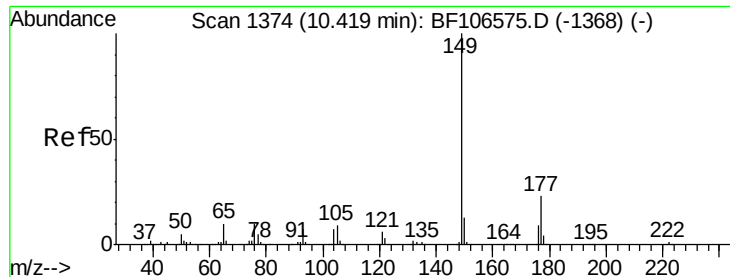
Tgt Ion:166 Resp: 395403
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.140 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:232 Resp: 110977
 Ion Ratio Lower Upper
 232 100
 131 34.0 43.8 65.8#
 130 1.5 2.1 3.1#
 166 25.6 27.8 41.6#

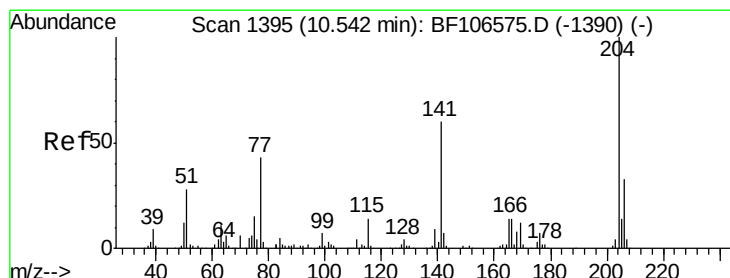
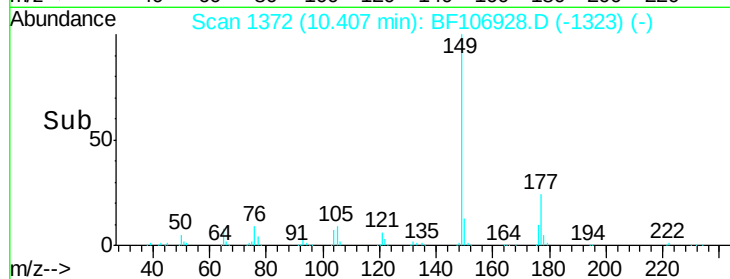
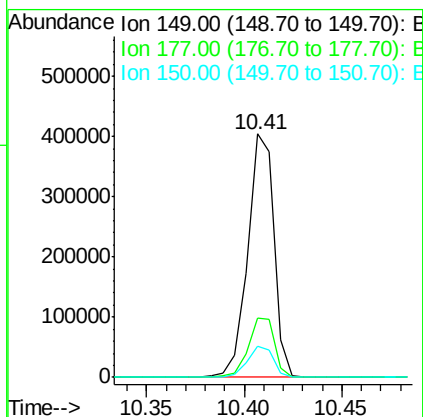
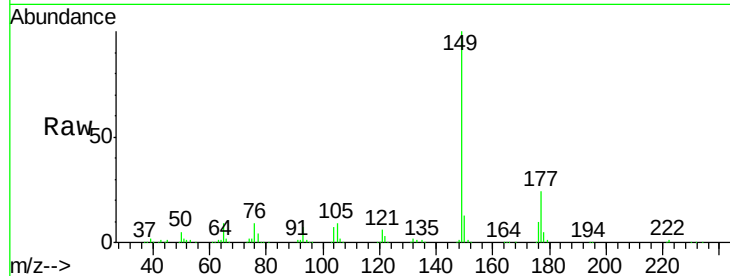




#59
Diethylphthalate
Concen: 38.252 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

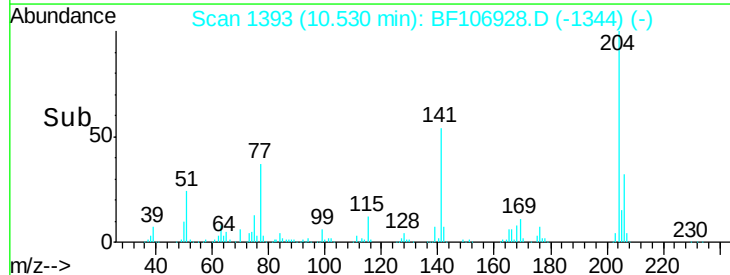
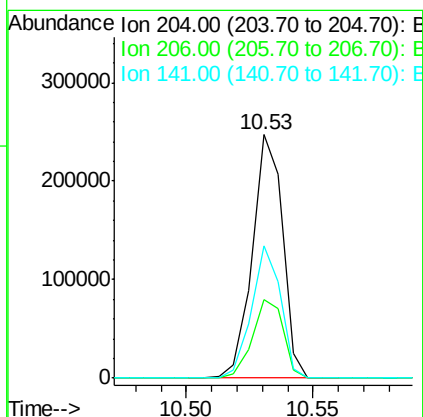
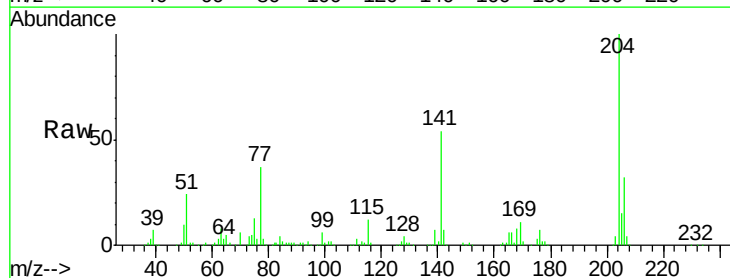
Instrument :
BNA_F
ClientSampleId :
PB110677BS

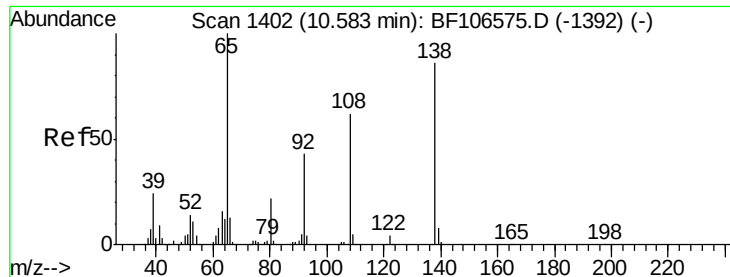
Tgt Ion:149 Resp: 374939
Ion Ratio Lower Upper
149 100
177 24.2 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.871 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:204 Resp: 205829
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 54.2 54.6 81.8#





#61

4-Nitroaniline

Concen: 37.818 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

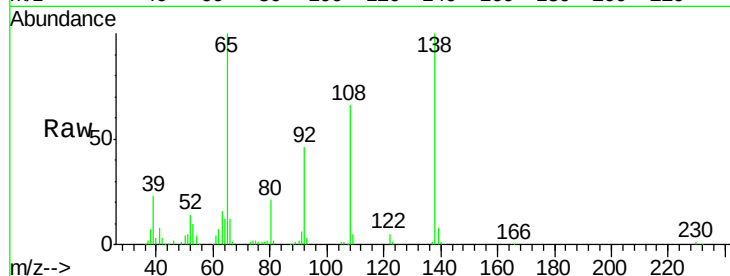
Tgt Ion:138 Resp: 92879

Ion Ratio Lower Upper

138 100

92 45.8 30.2 70.2

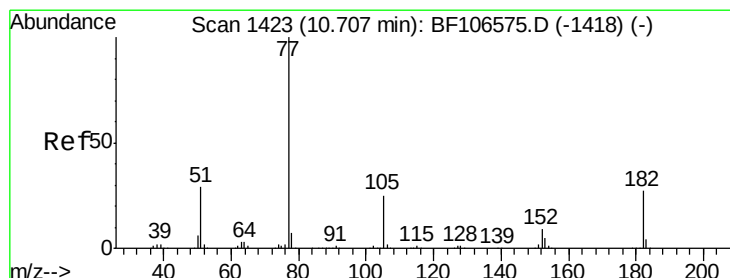
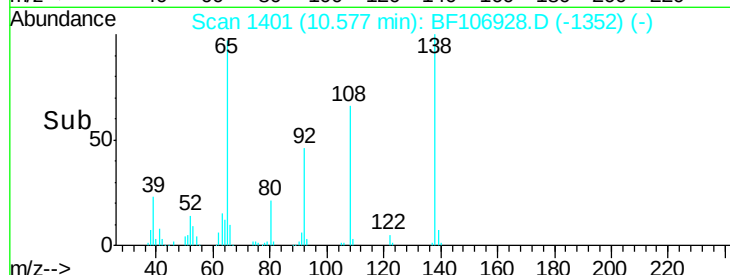
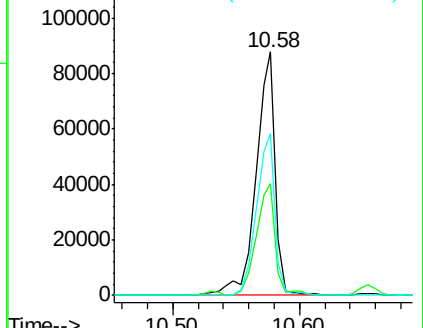
108 66.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.215 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion: 77 Resp: 359215

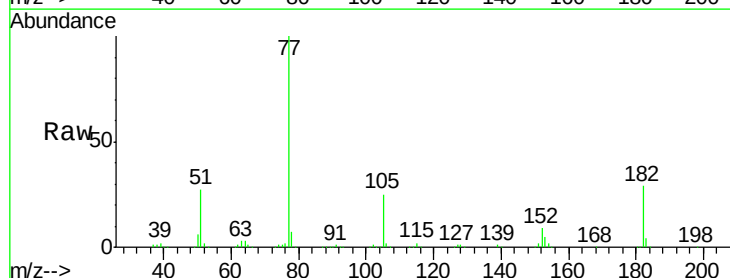
Ion Ratio Lower Upper

77 100

182 29.4 1.7 41.7

105 24.8 3.0 43.0

51 27.5 9.9 49.9

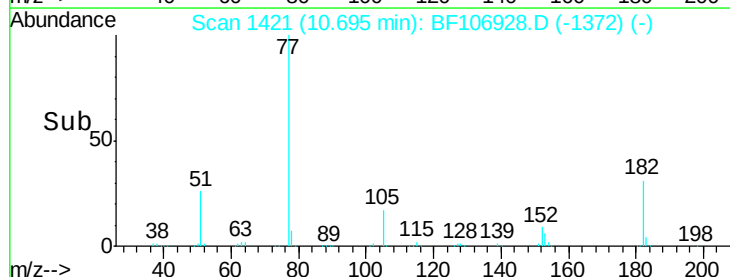
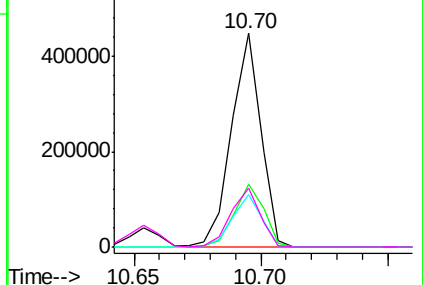


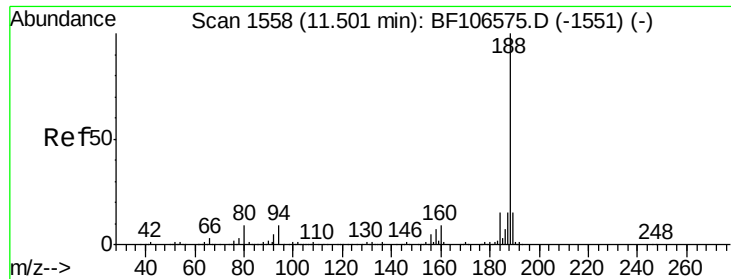
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

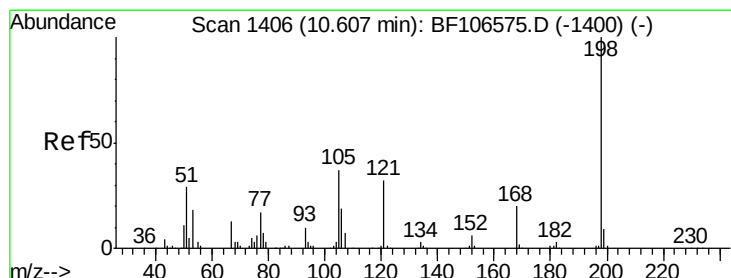
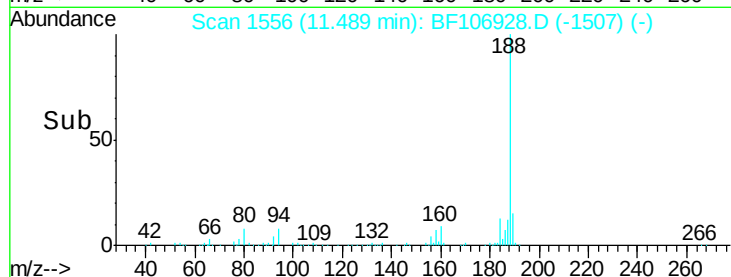
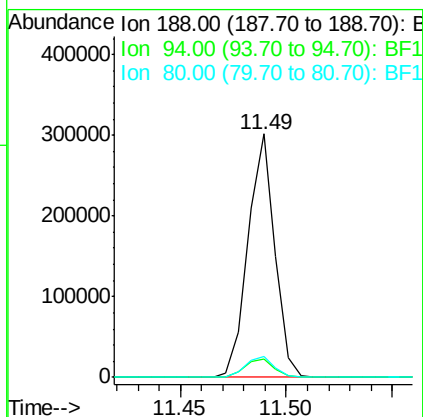
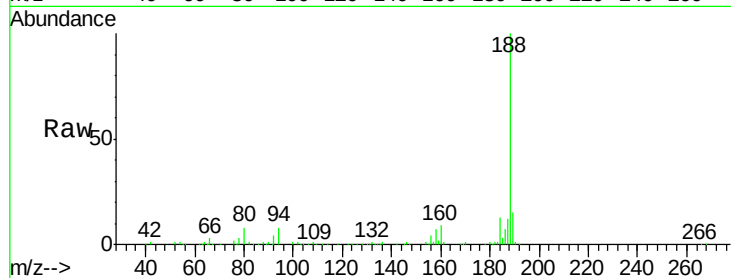




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

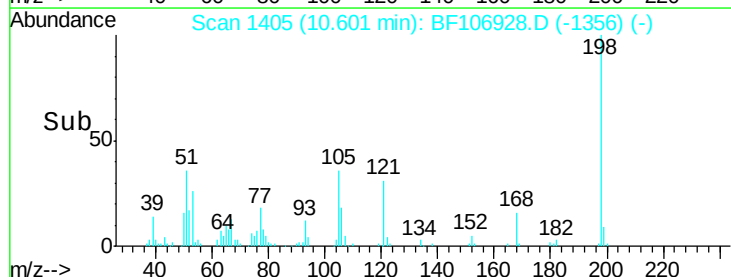
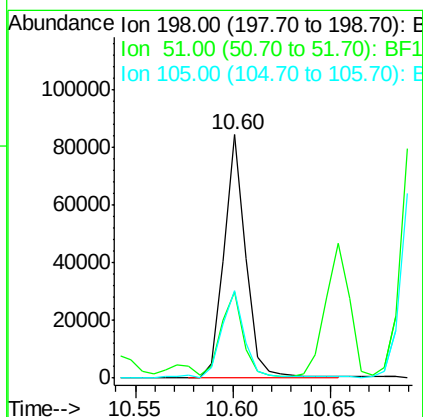
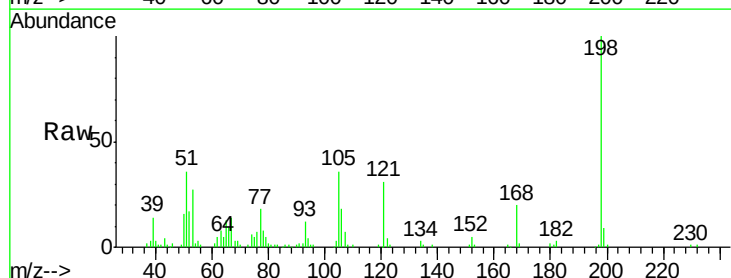
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

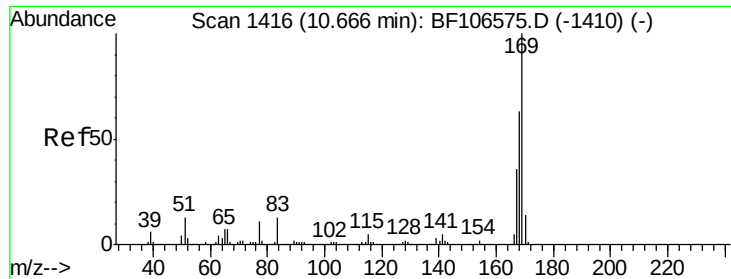
Tgt Ion:188 Resp: 264185
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.5 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.393 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:198 Resp: 65963
 Ion Ratio Lower Upper
 198 100
 51 35.6 37.7 77.7#
 105 35.9 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 38.489 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

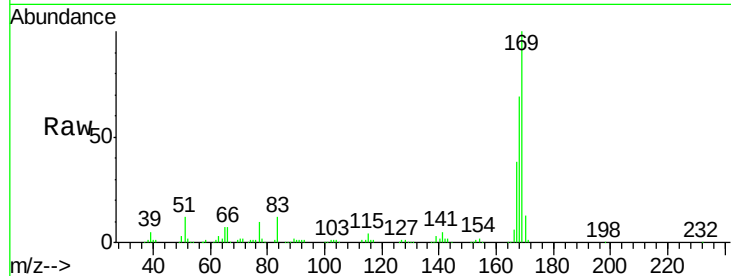
Tgt Ion:169 Resp: 342011

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

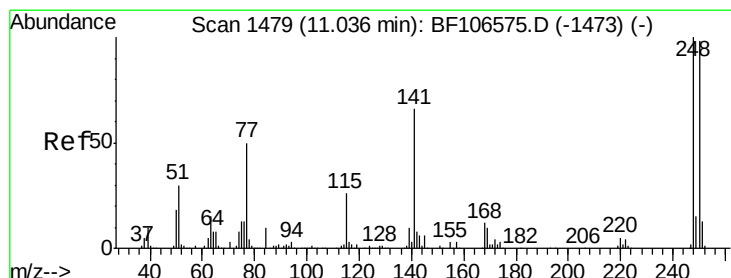
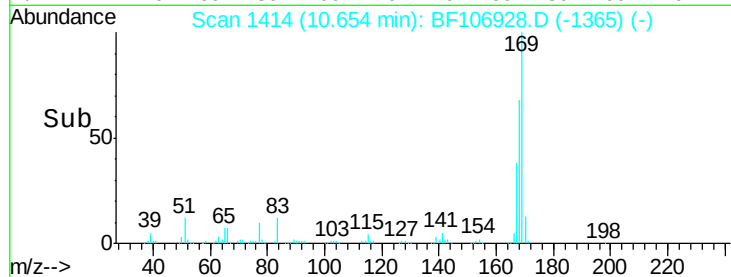
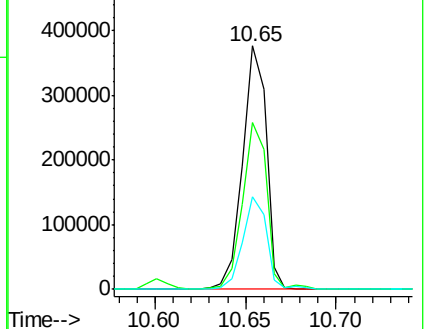
167 37.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.914 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

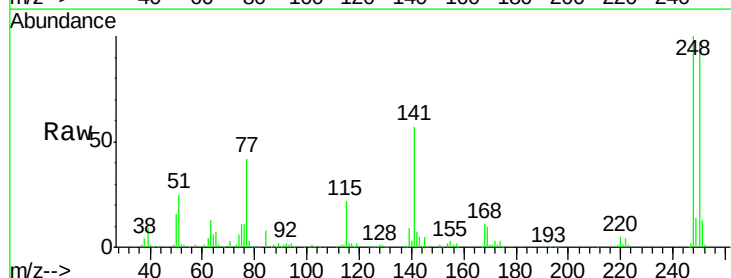
Tgt Ion:248 Resp: 141609

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

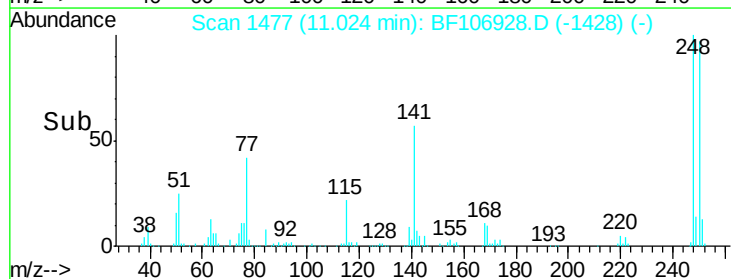
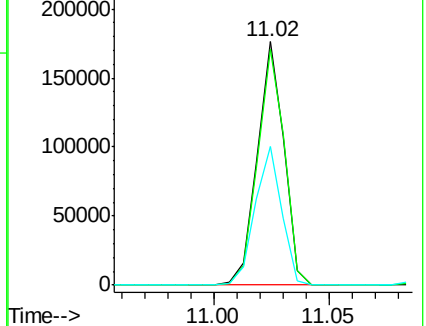
141 56.9 74.4 111.6#

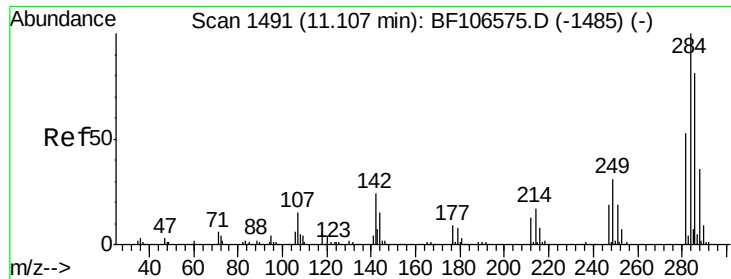


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.297 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

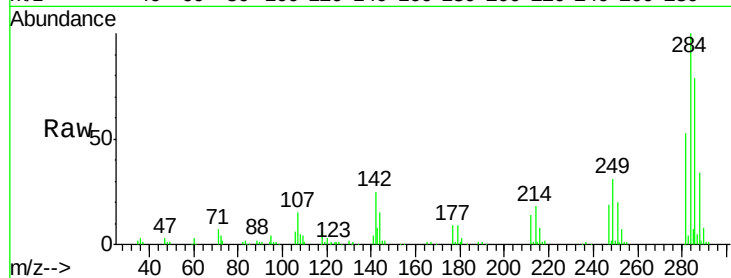
Tgt Ion:284 Resp: 149477

Ion Ratio Lower Upper

284 100

142 25.5 34.6 52.0#

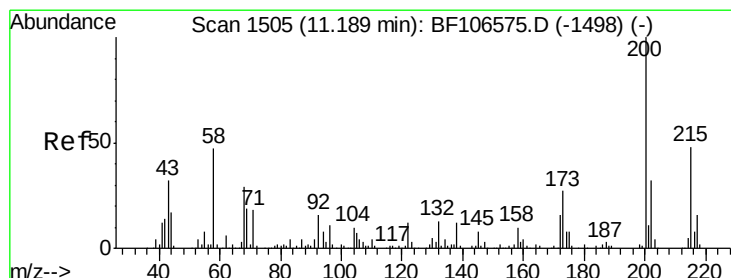
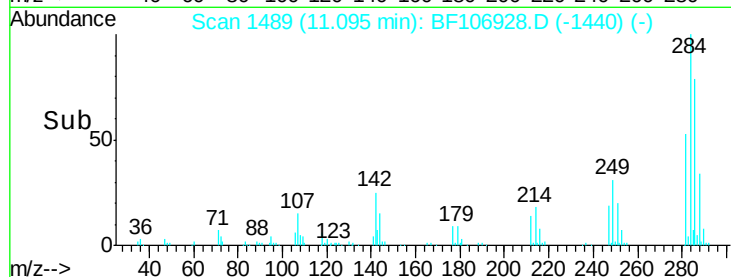
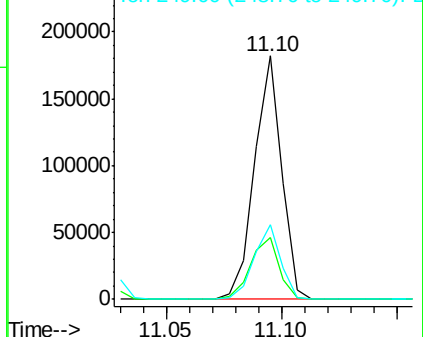
249 30.7 24.8 37.2



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: 42.876 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

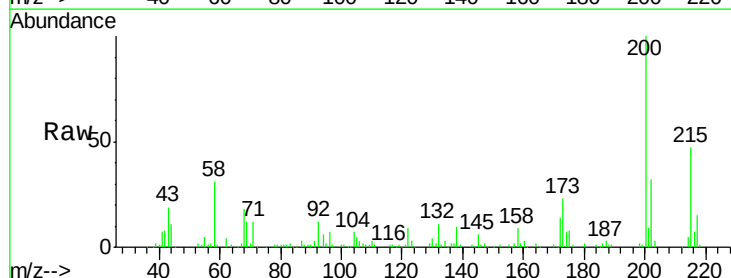
Tgt Ion:200 Resp: 121119

Ion Ratio Lower Upper

200 100

173 23.3 8.6 48.6

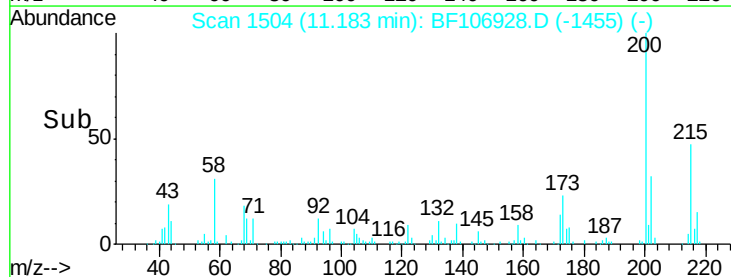
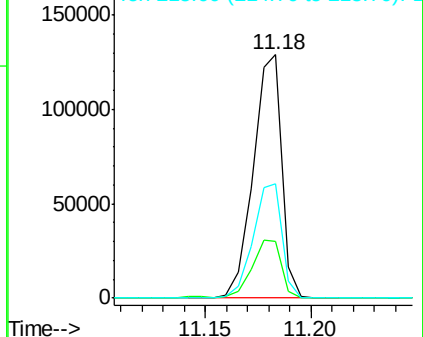
215 47.1 25.1 65.1

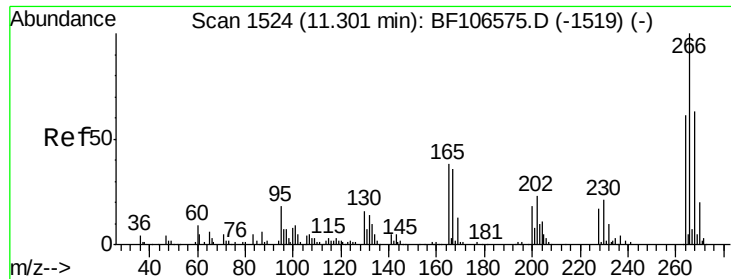


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

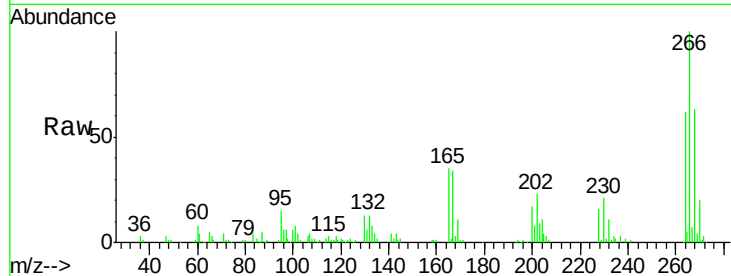




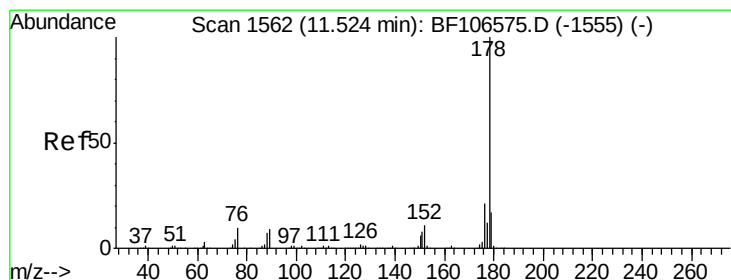
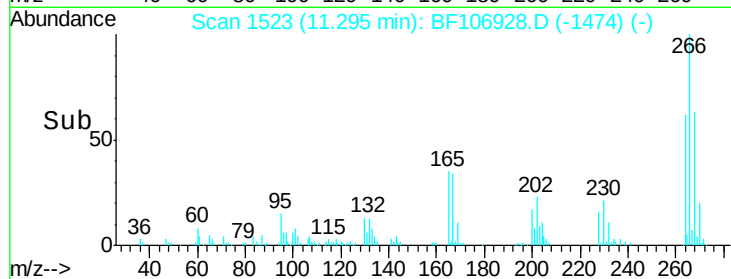
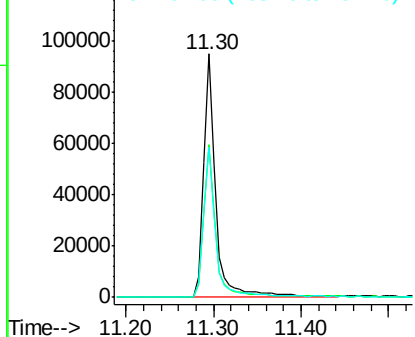
#69
 Pentachlorophenol
 Concen: 56.674 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tgt Ion: 266 Resp: 93317
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 61.9 49.5 74.3

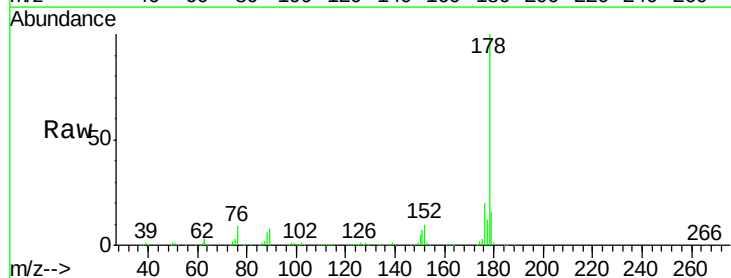


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

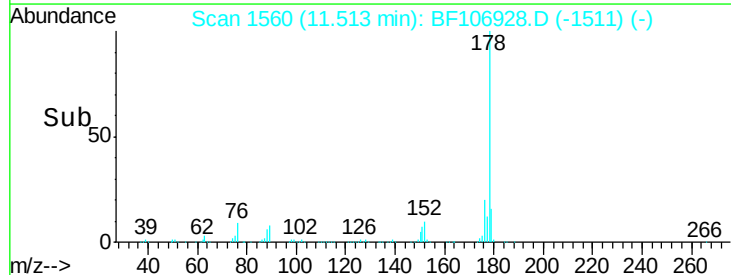
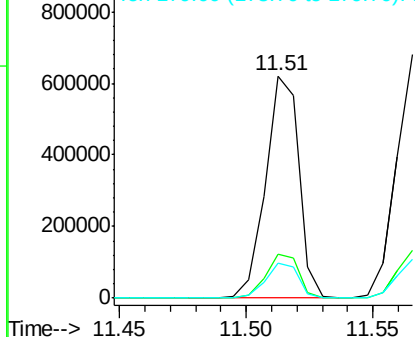


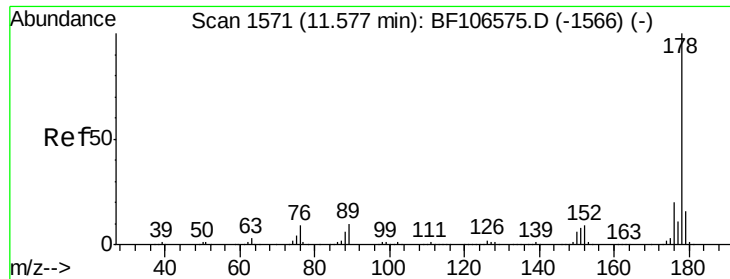
#70
 Phenanthrene
 Concen: 44.841 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion: 178 Resp: 571371
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 13.0 19.6



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





#71

Anthracene

Concen: 45.646 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

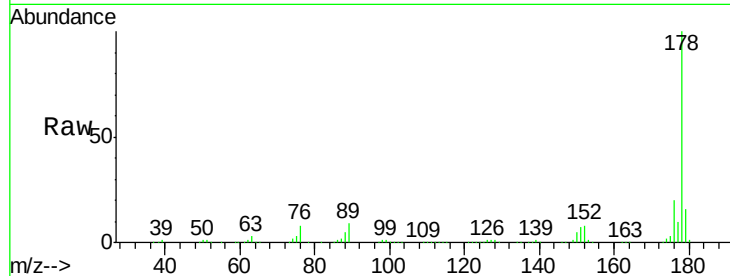
Tgt Ion:178 Resp: 593669

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

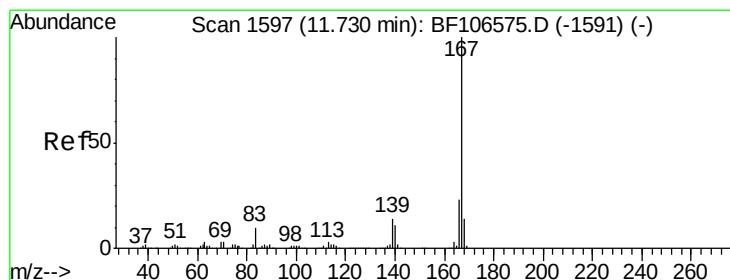
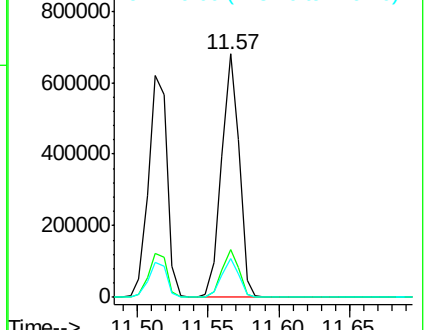
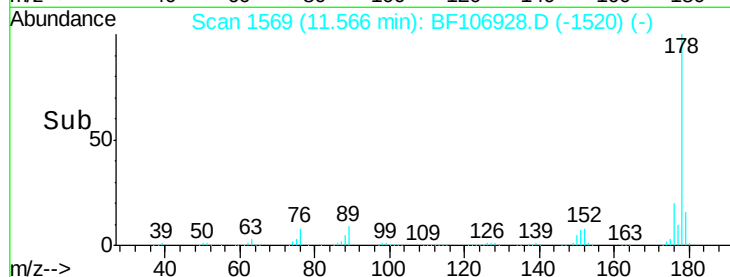
179 16.1 12.6 19.0



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: 41.079 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

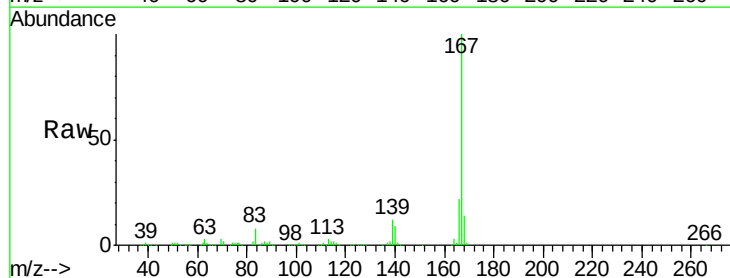
Tgt Ion:167 Resp: 500217

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

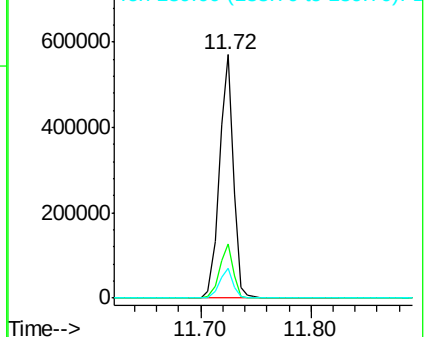
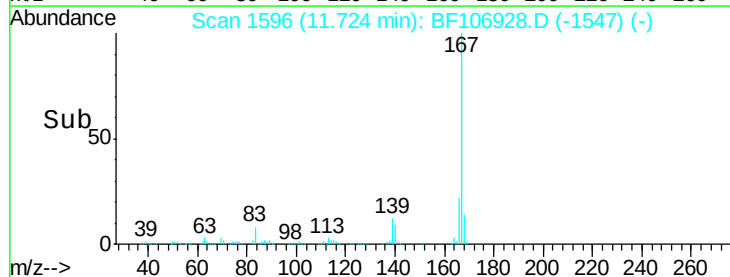
139 12.0 10.9 16.3

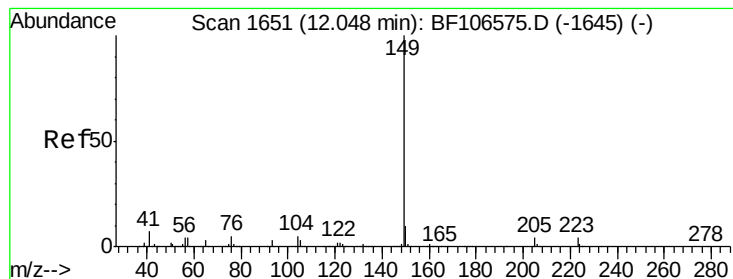


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.892 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

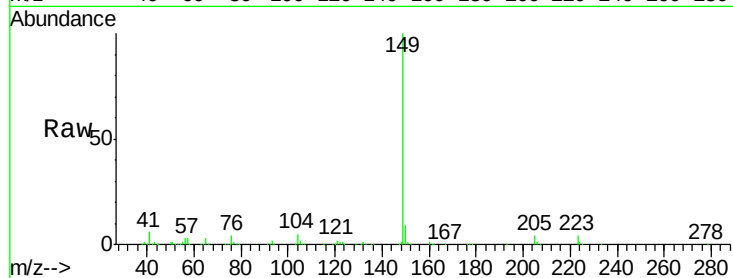
Tgt Ion:149 Resp: 543576

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

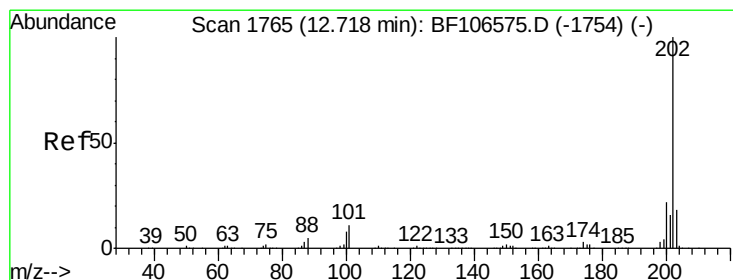
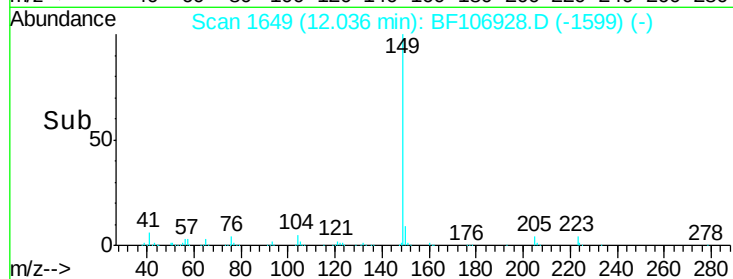
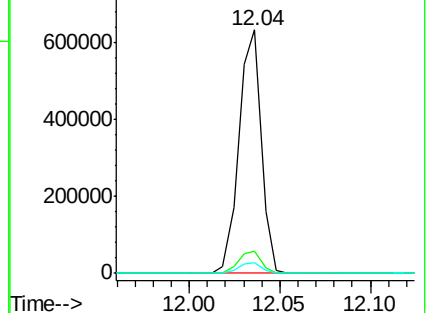
104 4.5 3.8 5.8



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: 41.892 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

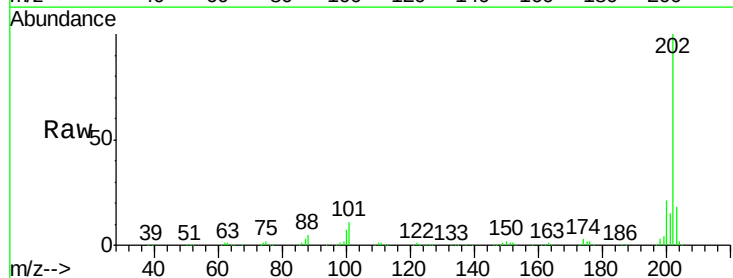
Tgt Ion:202 Resp: 588355

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

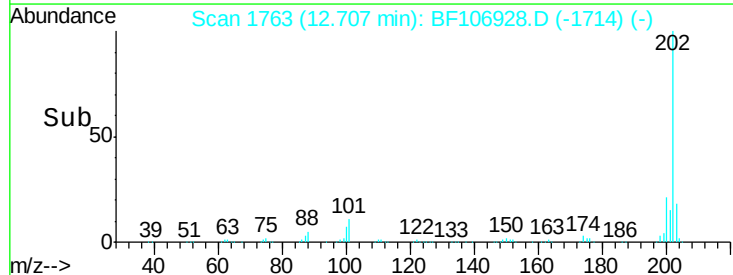
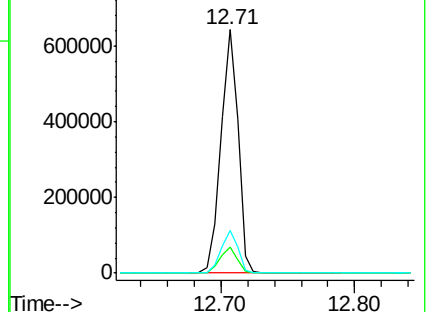
203 17.7 0.0 38.1

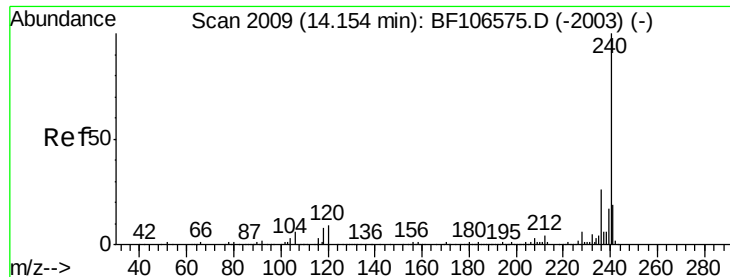


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

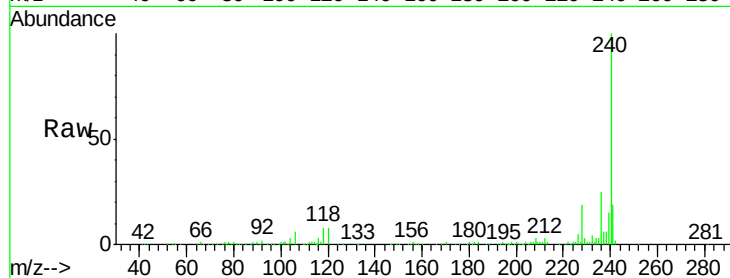
Tgt Ion:240 Resp: 172621

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

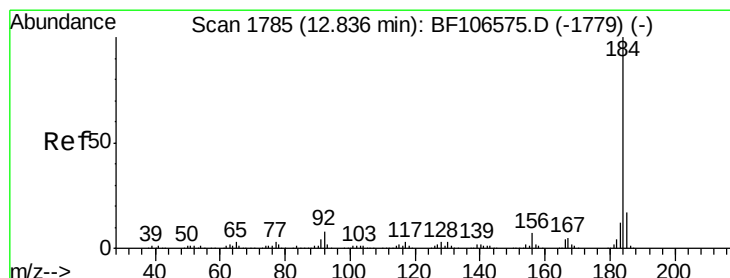
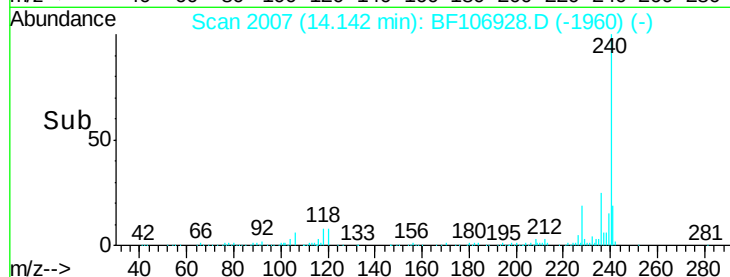
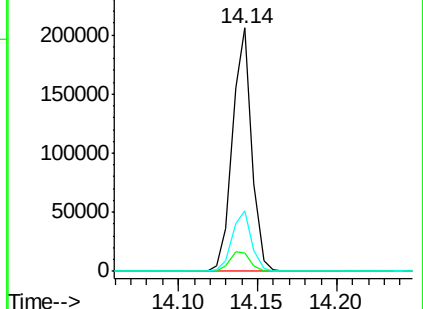
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.156 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

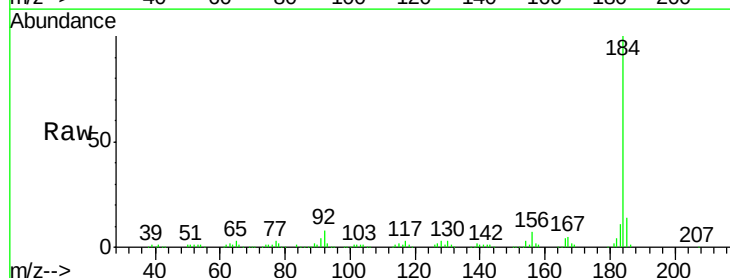
Tgt Ion:184 Resp: 207248

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

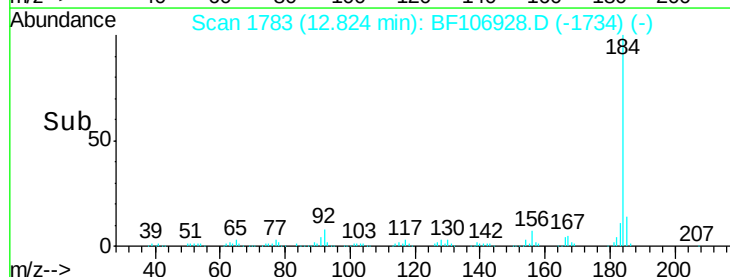
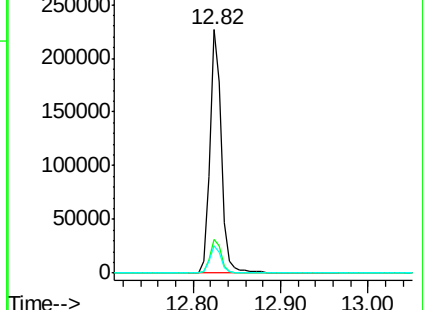
183 11.4 9.3 13.9

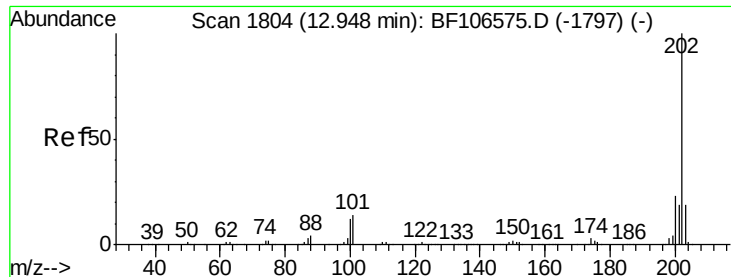


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

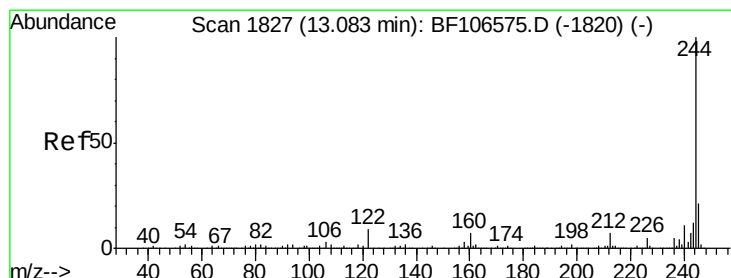
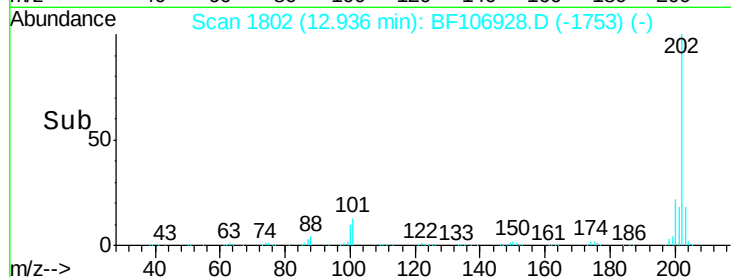
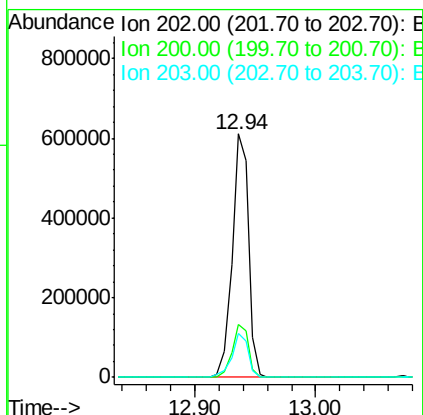
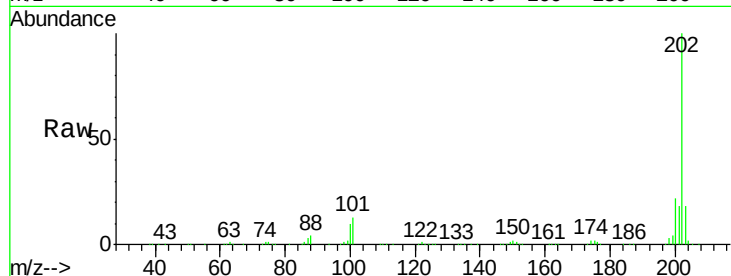




#77
 Pyrene
 Concen: 50.462 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

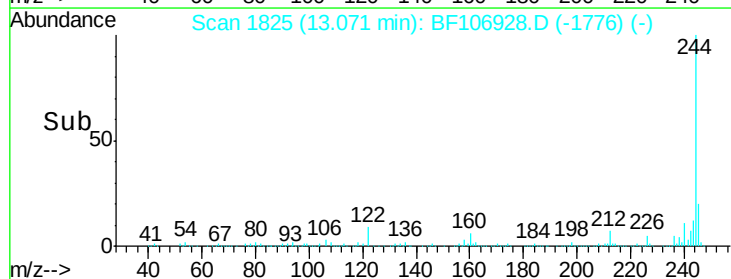
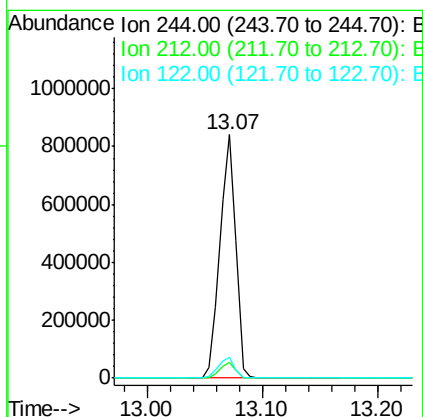
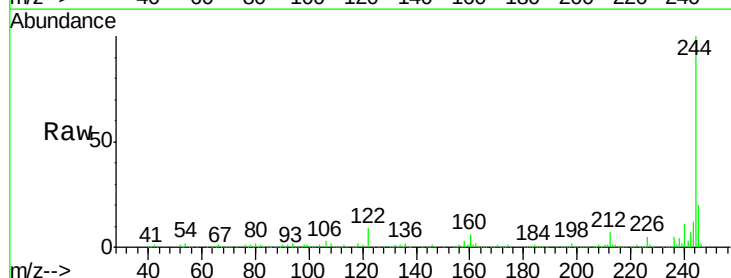
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

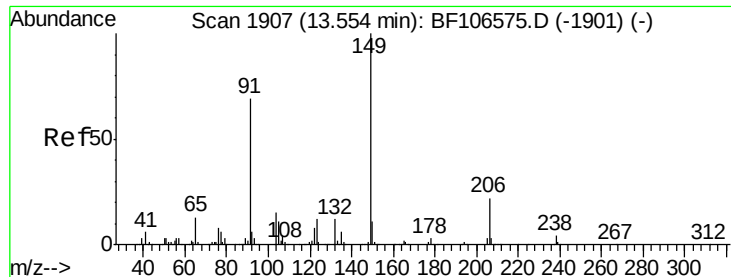
Tgt Ion: 202 Resp: 574416
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 111.840 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion: 244 Resp: 797007
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.8 11.0 16.4#

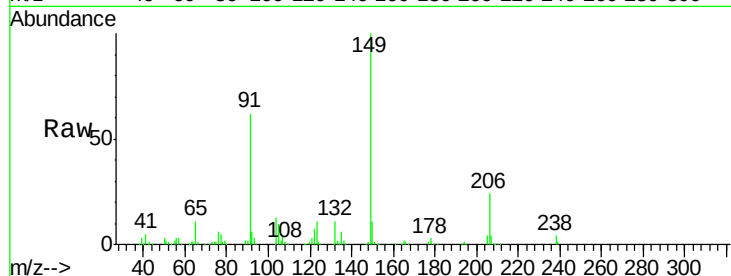




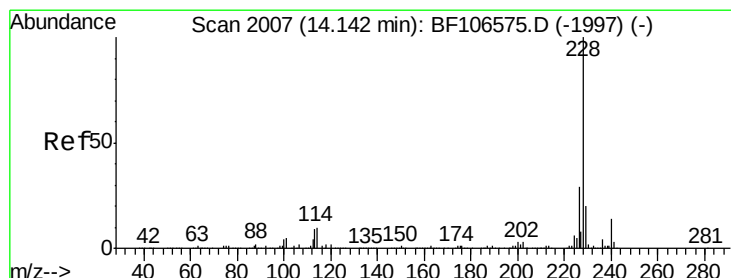
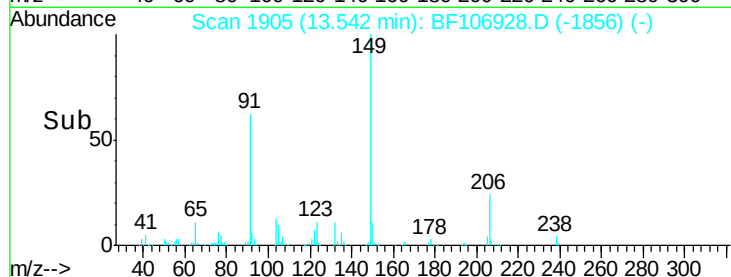
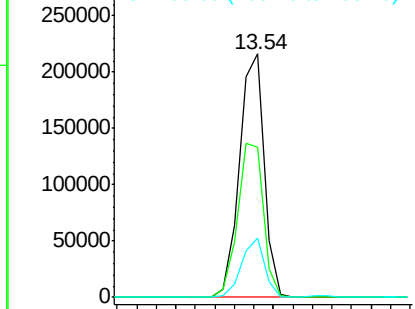
#79
Butylbenzylphthalate
Concen: 40.589 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.8	56.8	85.2
206	24.5	14.1	21.1

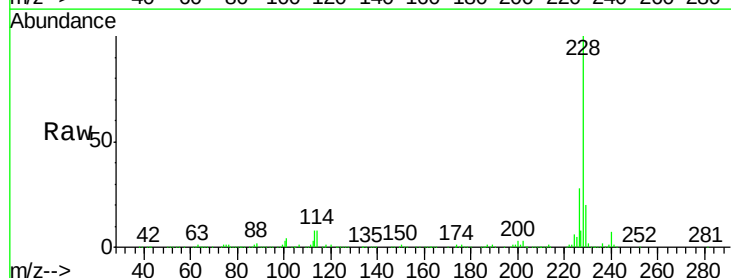


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

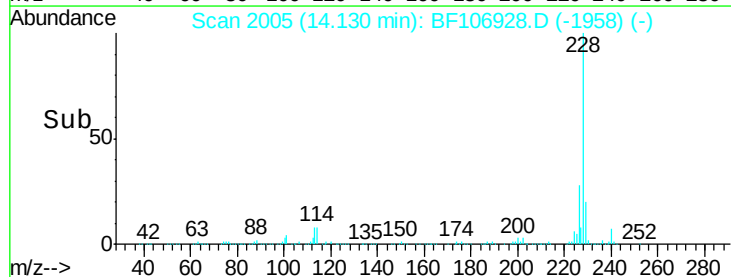
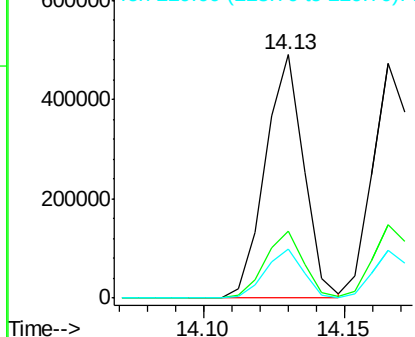


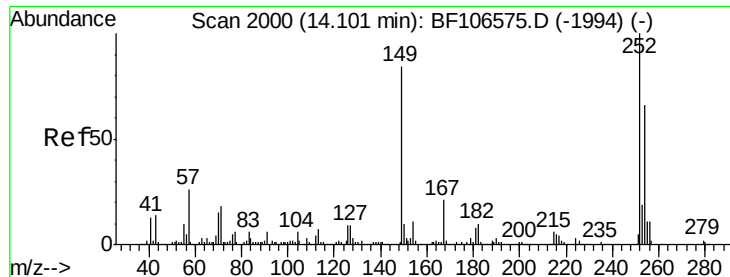
#80
Benzo(a)anthracene
Concen: 43.942 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	15.8	23.6



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

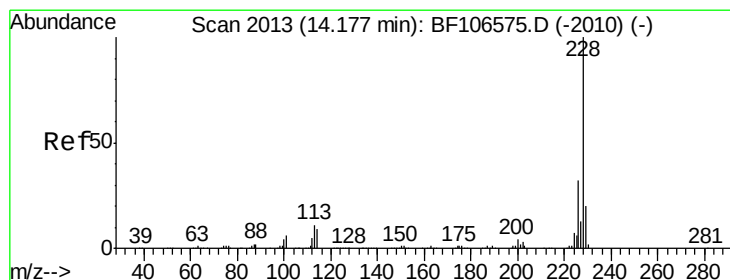
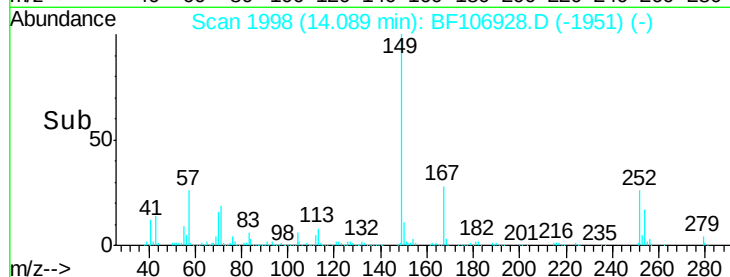
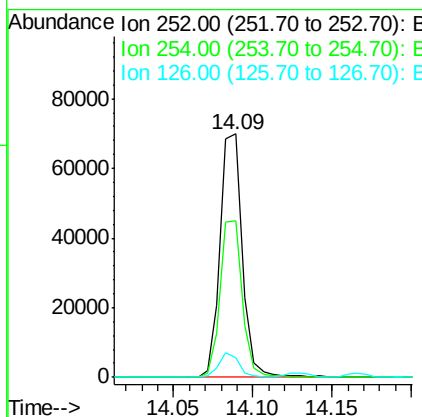
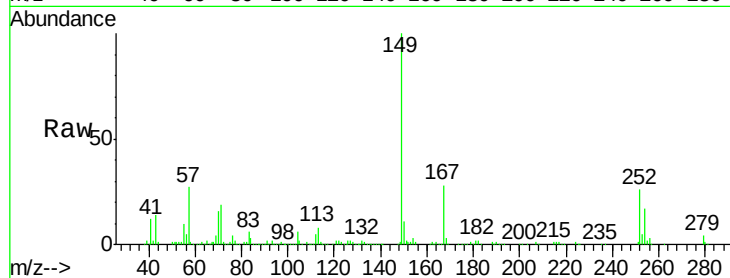




#81
 3,3'-Dichlorobenzidine
 Concen: 18.304 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

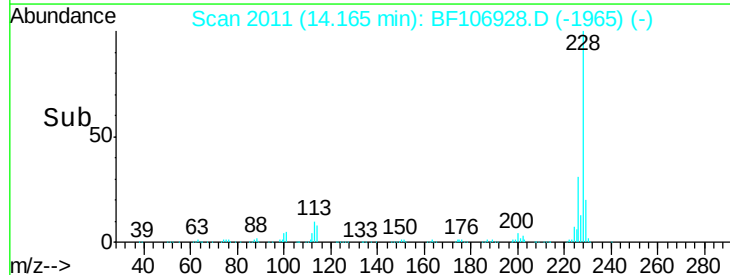
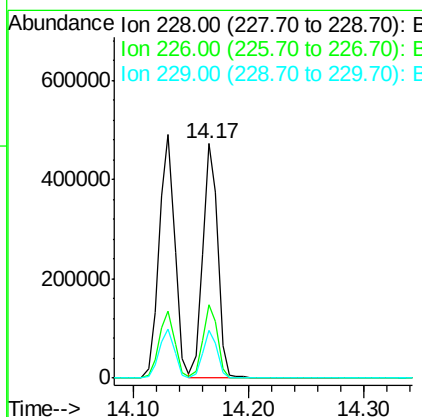
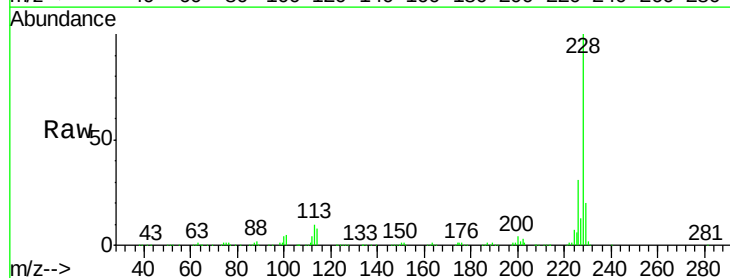
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

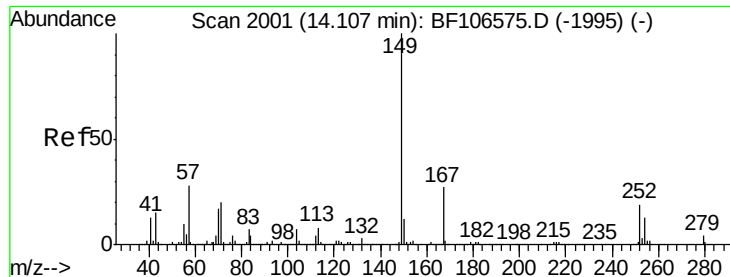
Tgt Ion: 252 Resp: 67683
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 7.8 11.3 16.9#



#82
 Chrysene
 Concen: 44.786 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion: 228 Resp: 433488
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.112 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

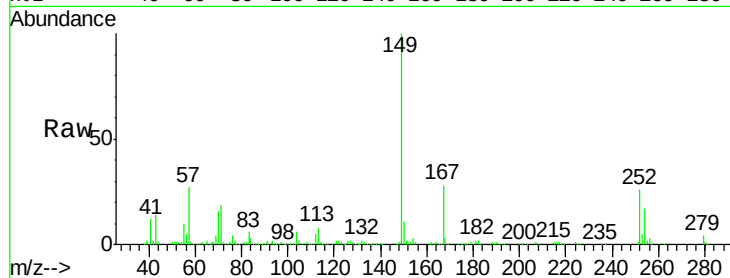
Tgt Ion:149 Resp: 222058

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

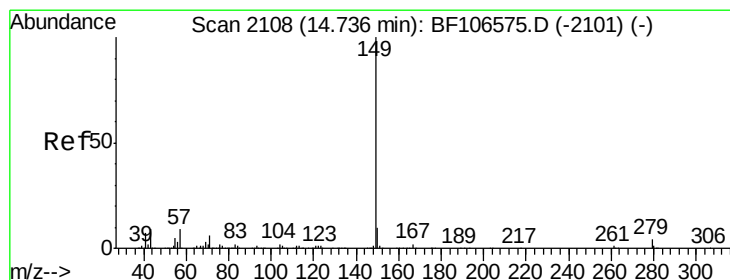
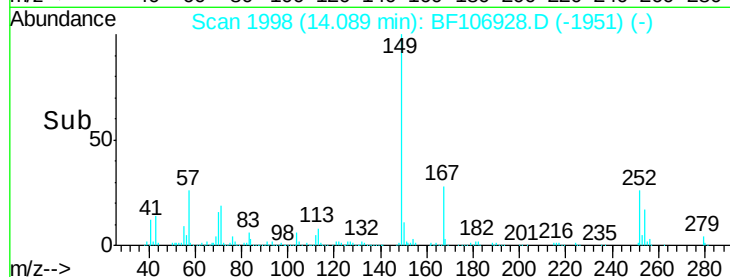
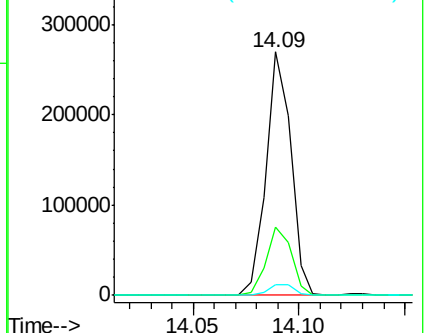
279 4.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.332 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

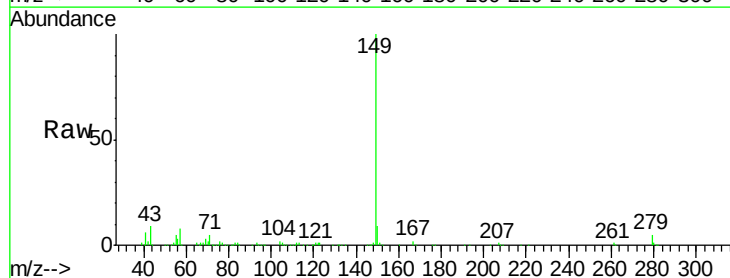
Tgt Ion:149 Resp: 325097

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

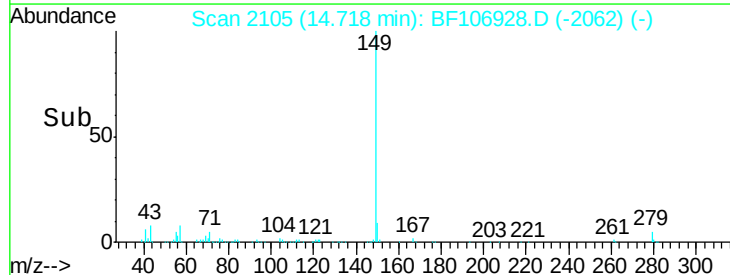
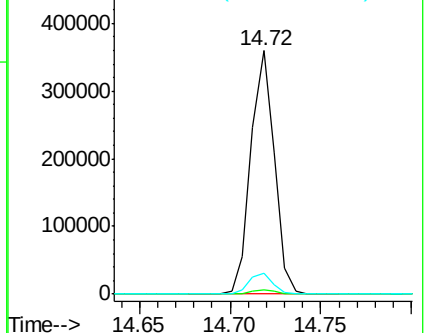
43 8.6 8.4 12.6

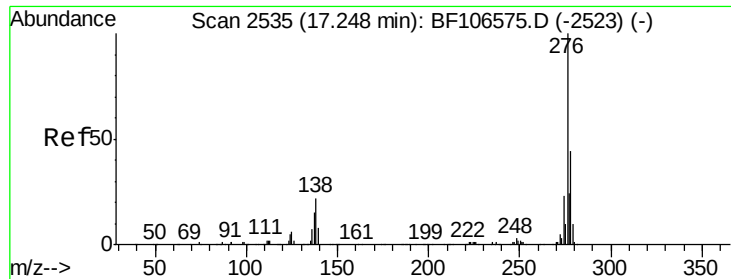


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

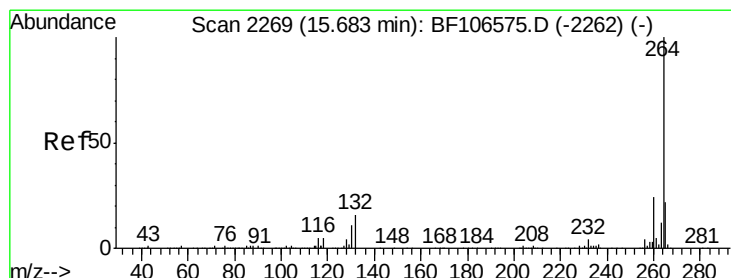
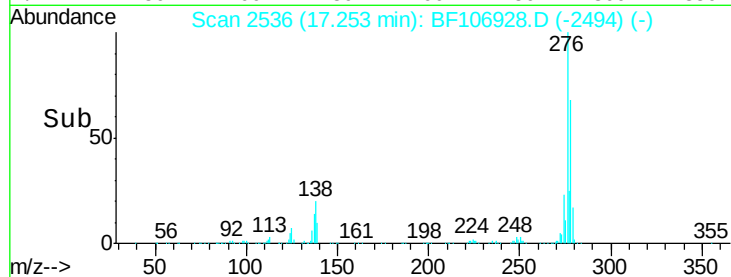
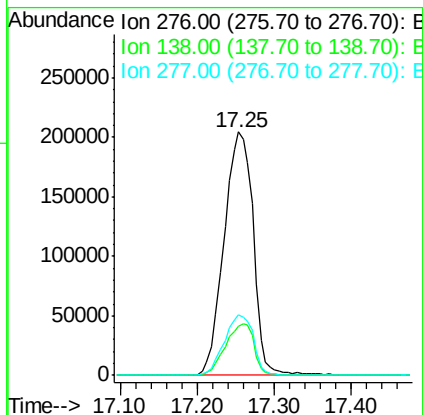
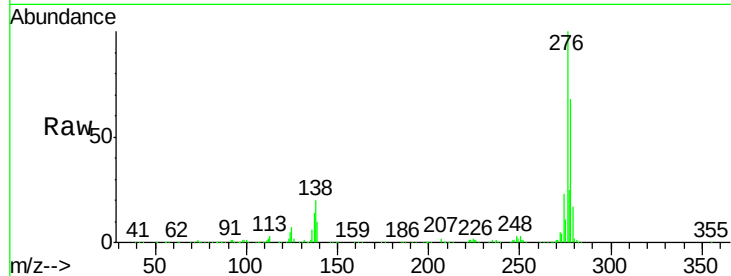




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.797 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

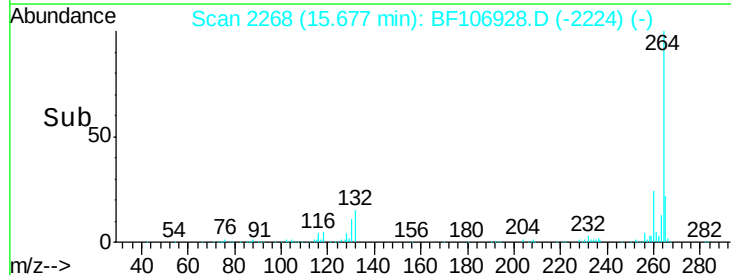
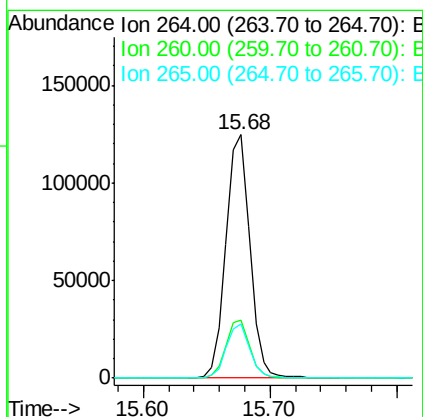
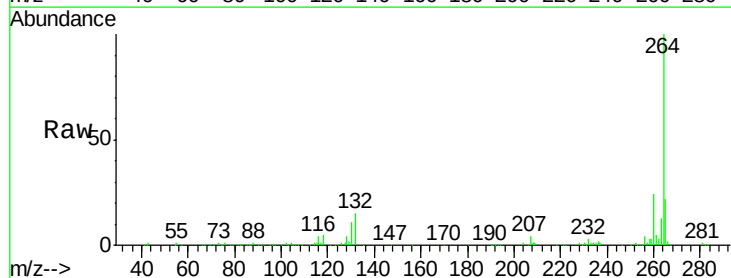
Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

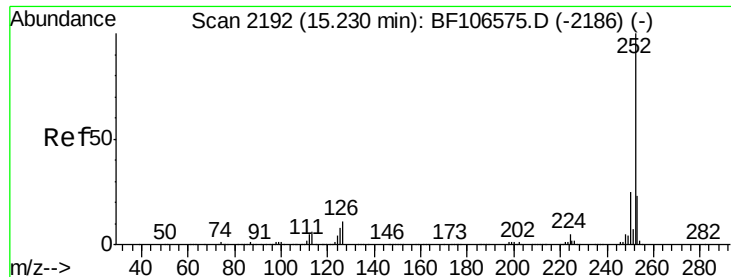
Tgt Ion:276 Resp: 540450
 Ion Ratio Lower Upper
 276 100
 138 20.9 25.0 37.6#
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion:264 Resp: 163345
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.2 17.5 26.3

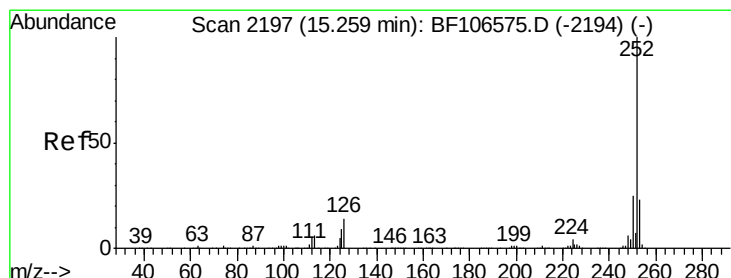
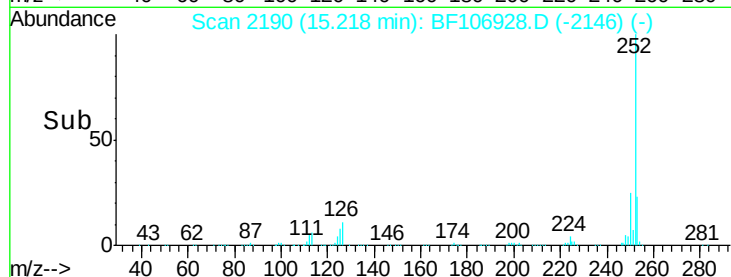
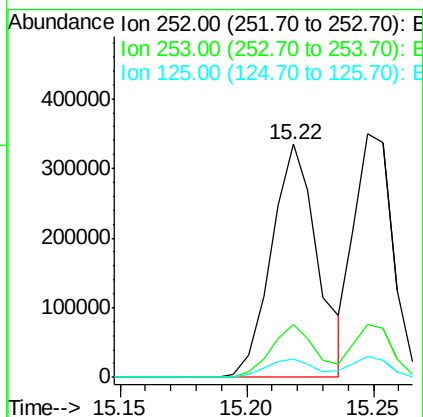
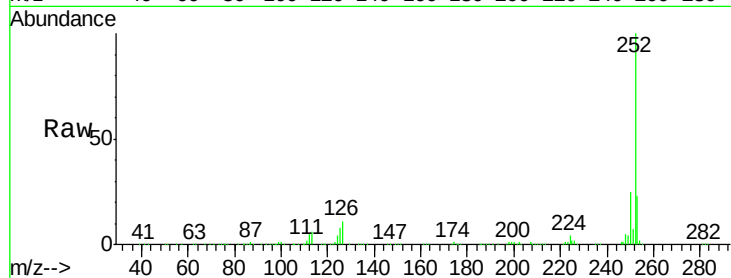




#87
Benzo(b)fluoranthene
Concen: 42.085 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

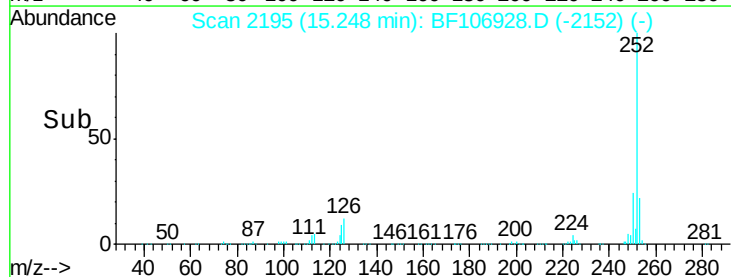
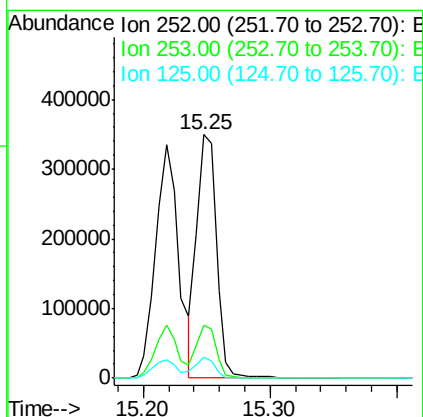
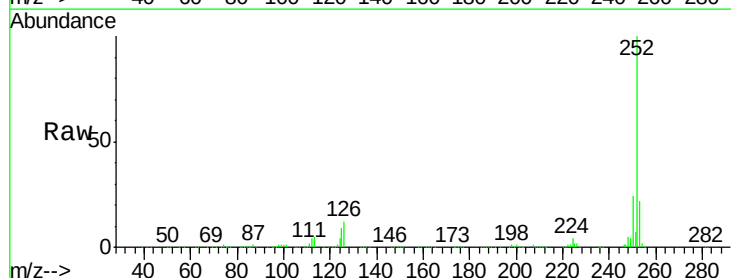
Instrument :
BNA_F
ClientSampleId :
PB110677BS

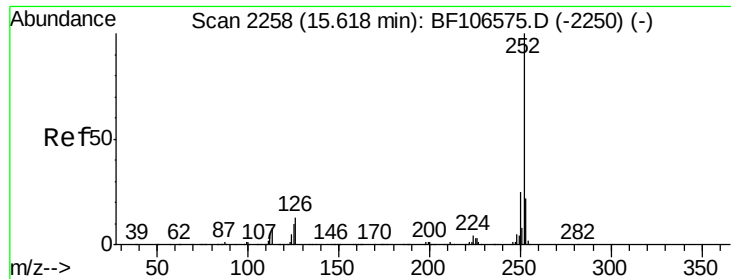
Tgt Ion:252 Resp: 427031
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 8.1 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 38.746 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:252 Resp: 374393
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.6 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 45.677 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

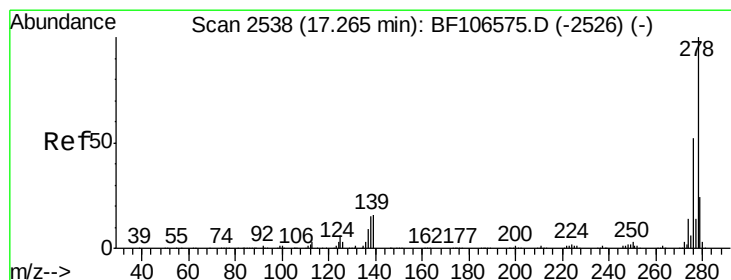
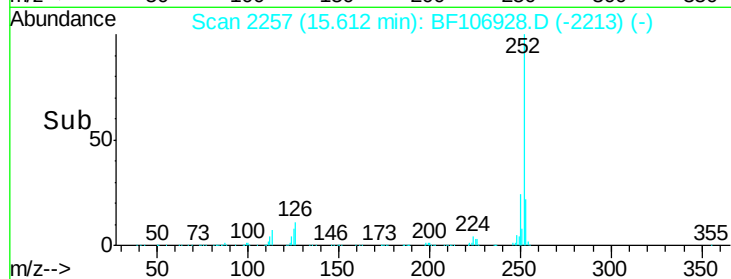
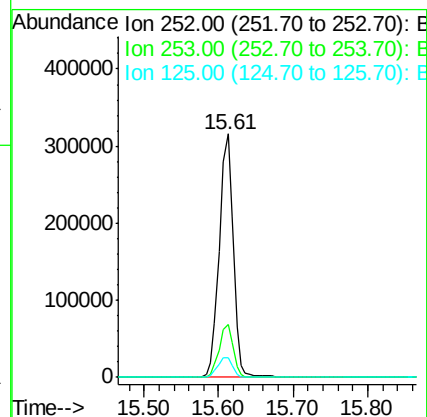
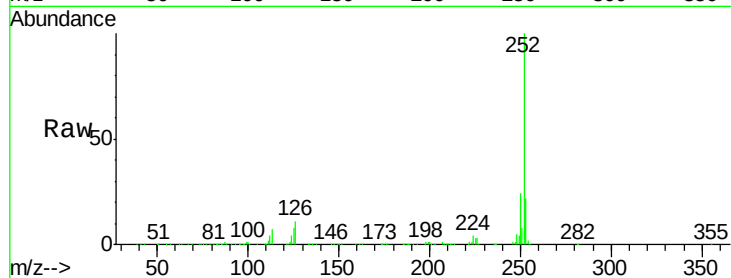
Tgt Ion:252 Resp: 412019

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 7.9 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 57.792 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.05 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

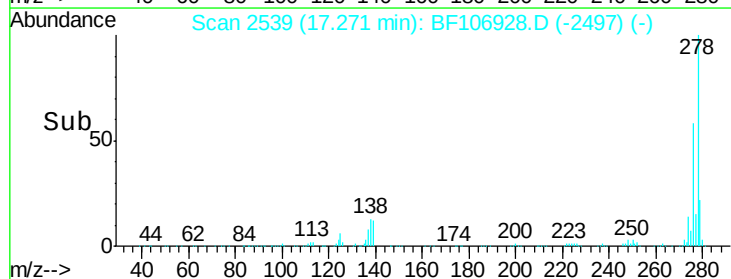
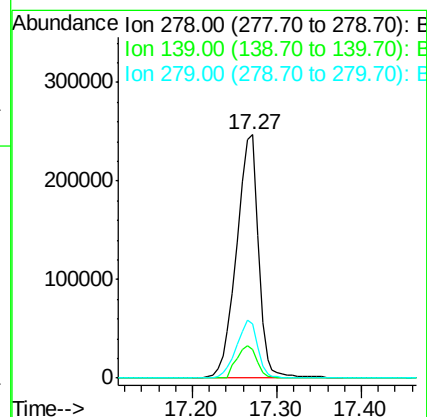
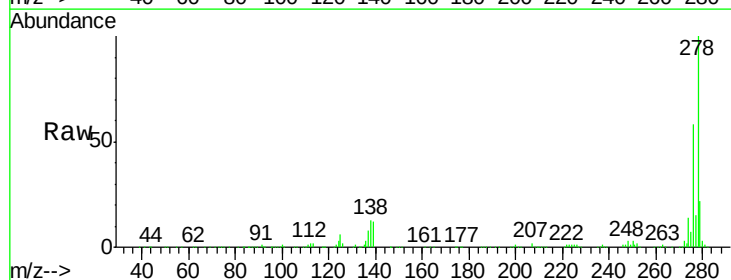
Tgt Ion:278 Resp: 441797

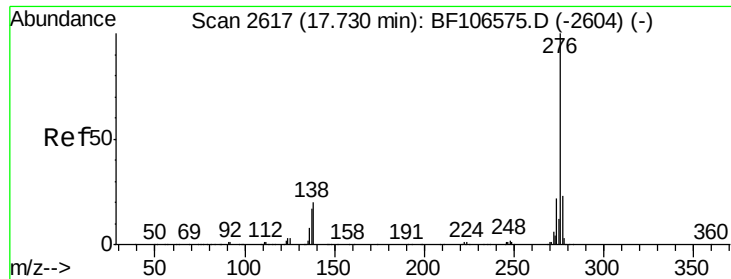
Ion Ratio Lower Upper

278 100

139 11.8 15.9 23.9#

279 22.4 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 63.758 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.05 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB110677BS

Tgt Ion:276 Resp: 476405

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 17.6 21.8 32.8#

