

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106443.D
 Acq On : 14 Jun 2018 15:43
 Operator : JU/SJ
 Sample : J3493-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 18:41:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	129623	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	496455	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	230867	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	389069	20.00	ng	0.00
75) Chrysene-d12	14.15	240	307293	20.00	ng	0.00
86) Perylene-d12	15.70	264	320264	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	901766	117.74	ng	0.00
7) Phenol-d6	6.62	99	1093124	112.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	807287	95.66	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	270570	121.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1136729	88.62	ng	0.00
78) Terphenyl-d14	13.08	244	1007185	81.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	139828	35.278	ng	94
3) Pyridine	3.63	79	394906	35.753	ng	99
4) n-Nitrosodimethylamine	3.60	42	196056	38.746	ng	92
6) Aniline	6.64	93	415602	29.414	ng	# 74
8) 2-Chlorophenol	6.77	128	367138	44.577	ng	99
9) Benzaldehyde	6.52	77	246685	33.611	ng	100
10) Phenol	6.63	94	470397	44.532	ng	# 68
11) bis(2-Chloroethyl)ether	6.71	93	380456	42.073	ng	99
12) 1,3-Dichlorobenzene	6.91	146	415028	42.816	ng	99
13) 1,4-Dichlorobenzene	6.98	146	415122	42.201	ng	99
14) 1,2-Dichlorobenzene	7.14	146	392992	42.440	ng	100
15) Benzyl Alcohol	7.11	79	344296	41.549	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	541320	41.760	ng	49
17) 2-Methylphenol	7.23	107	311545	42.398	ng	# 91
18) Hexachloroethane	7.48	117	145211	41.430	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	251945	34.707	ng	95
20) 3+4-Methylphenols	7.38	107	386279	41.107	ng	90
22) Acetophenone	7.37	105	508063	40.609	ng	# 97
24) Nitrobenzene	7.55	77	425299	46.367	ng	100
25) Isophorone	7.78	82	753813	45.732	ng	97
26) 2-Nitrophenol	7.87	139	207616	58.315	ng	99
27) 2,4-Dimethylphenol	7.90	122	331339	47.482	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	467981	43.785	ng	99
29) 2,4-Dichlorophenol	8.12	162	333456	49.532	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	331707	43.944	ng	97
31) Naphthalene	8.27	128	1015232	45.237	ng	98
32) Benzoic acid	8.01	122	122019	27.396	ng	94
33) 4-Chloroaniline	8.32	127	298316	29.995	ng	98
34) Hexachlorobutadiene	8.38	225	209328	43.165	ng	97
35) Caprolactam	8.69	113	74405	32.675	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	343906	46.182	ng	97
37) 2-Methylnaphthalene	8.97	142	687447	44.974	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	345465	46.095	ng	97
40) Hexachlorocyclopentadiene	9.11	237	247405	59.832	ng	99

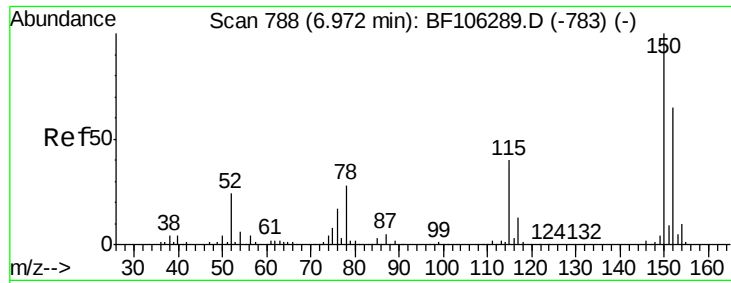
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106443.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	246770	51.667	nq	98
43) 2,4,5-Trichlorophenol	9.30	196	254190	49.368	nq #	93
45) 1,1'-Biphenyl	9.42	154	799225	44.695	nq	98
46) 2-Chloronaphthalene	9.45	162	653164	45.644	nq	98
47) 2-Nitroaniline	9.55	65	236040	52.433	nq	94
48) Acenaphthylene	9.87	152	1016804	46.422	nq	98
49) Dimethylphthalate	9.72	163	885619	53.693	nq	99
50) 2,6-Dinitrotoluene	9.79	165	173110	51.380	nq	95
51) Acenaphthene	10.04	154	622496	44.007	nq	99
52) 3-Nitroaniline	9.97	138	145976	36.504	nq	96
53) 2,4-Dinitrophenol	10.07	184	94359	63.045	nq #	21
54) Dibenzofuran	10.22	168	857511	45.018	nq	99
55) 4-Nitrophenol	10.15	139	250136	81.608	nq	91
56) 2,4-Dinitrotoluene	10.20	165	228650	54.043	nq	97
57) Fluorene	10.56	166	646706	42.852	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	201962	49.490	nq #	84
59) Diethylphthalate	10.42	149	700484	42.787	nq #	94
60) 4-Chlorophenyl-phenylether	10.55	204	336707	42.419	nq	90
61) 4-Nitroaniline	10.58	138	170956	43.940	nq	98
62) Azobenzene	10.71	77	708991	41.532	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	79898	39.370	nq	84
65) n-Nitrosodiphenylamine	10.67	169	622499	47.606	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	223998	50.619	nq #	80
67) Hexachlorobenzene	11.11	284	220138	48.253	nq #	86
68) Atrazine	11.19	200	197546	49.023	nq	97
69) Pentachlorophenol	11.31	266	190978	67.993	nq	97
70) Phenanthrene	11.52	178	873524	45.844	nq	99
71) Anthracene	11.58	178	895899	46.933	nq	98
72) Carbazole	11.74	167	775713	44.017	nq	99
73) Di-n-butylphthalate	12.05	149	900172	45.895	nq	99
74) Fluoranthene	12.72	202	824758	40.588	nq	97
76) Benzidine	12.84	184	297690	29.108	nq	98
77) Pyrene	12.95	202	826430	42.957	nq	99
79) Butylbenzylphthalate	13.55	149	318398	44.213	nq	99
80) Benzo(a)anthracene	14.15	228	830011	45.389	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	271298	43.971	nq	97
82) Chrysene	14.18	228	781013	46.779	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	400382	38.776	nq	99
84) Di-n-octyl phthalate	14.75	149	703805	47.280	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	694241	52.102	nq #	93
87) Benzo(b)fluoranthene	15.24	252	858269	44.333	nq	96
88) Benzo(k)fluoranthene	15.24	252	858269	44.764	nq	97
89) Benzo(a)pyrene	15.64	252	800037	45.944	nq #	97
90) Dibenzo(a,h)anthracene	17.29	278	589368	40.598	nq	96
91) Benzo(g,h,i)perylene	17.75	276	554526	39.305	nq #	91

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

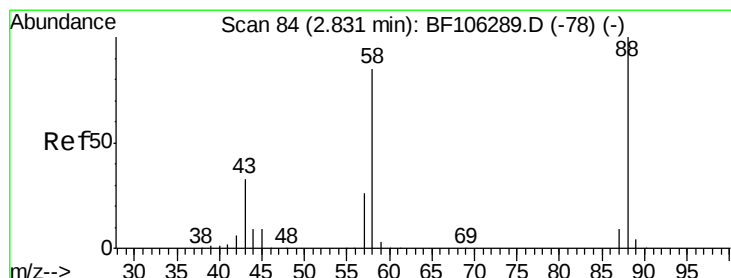
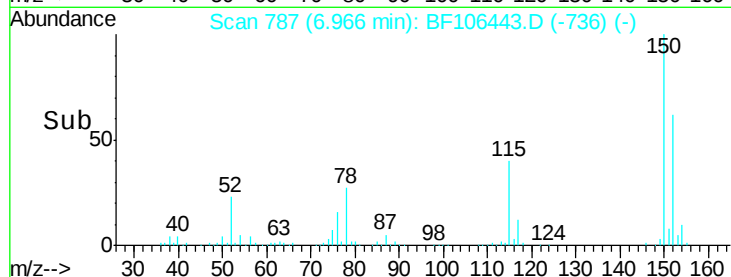
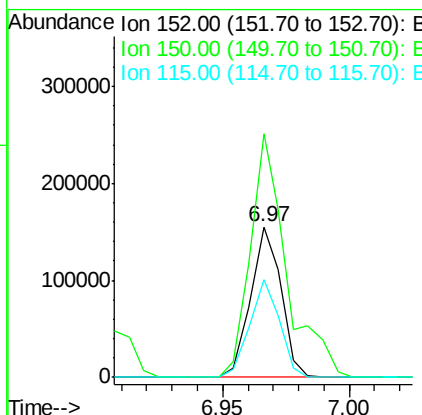
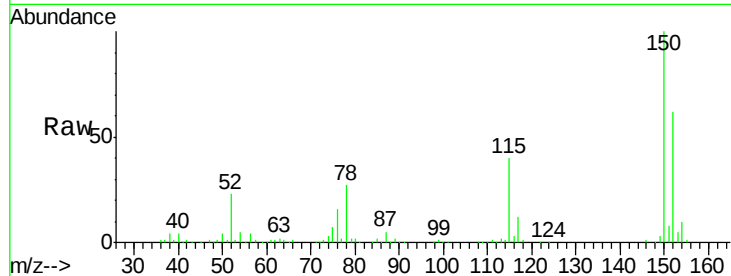


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Instrument :
BNA_F
ClientSampleId :

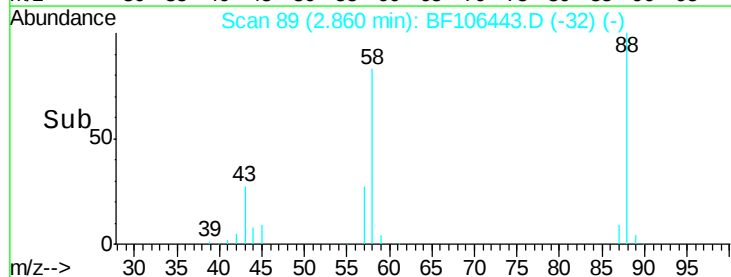
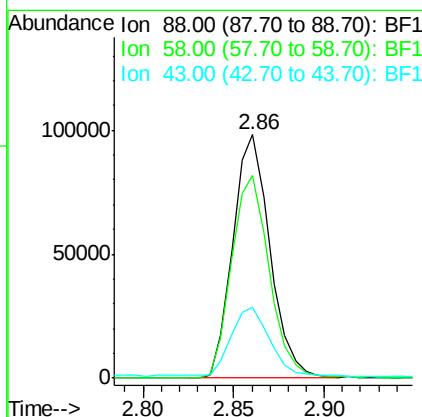
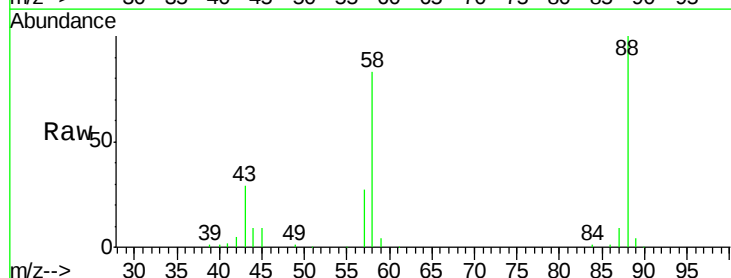
Tot Ion:152 Resp: 129623
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 65.1 50.1 75.1

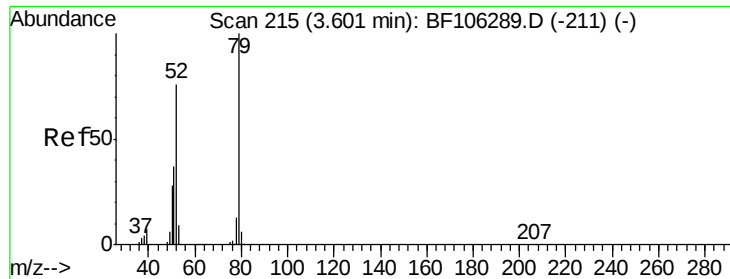


#2

1,4-Dioxane
Concen: 35.278 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 88 Resp: 139828
Ion Ratio Lower Upper
88 100
58 84.6 62.6 93.8
43 29.8 24.6 37.0





#3

Pvridine

Concen: 35.753 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.03 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

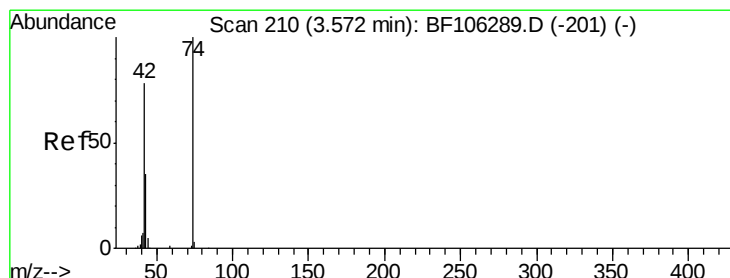
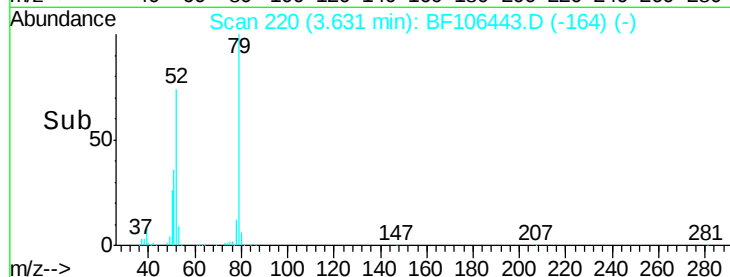
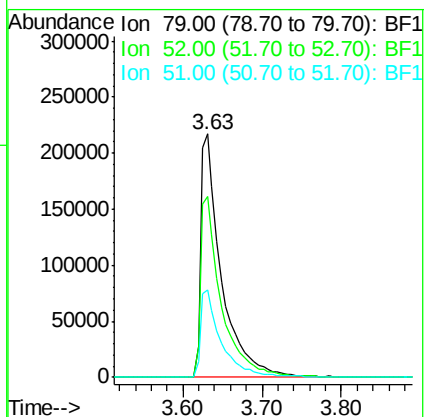
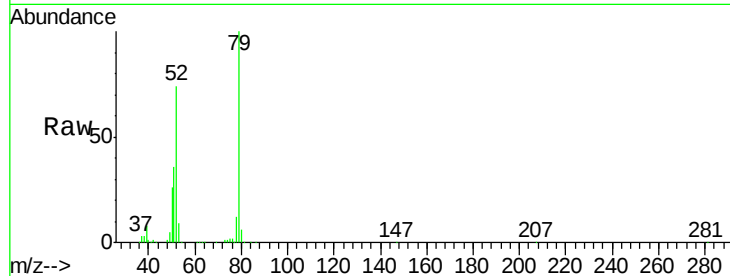
Tot Ion: 79 Resp: 394906

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

51 35.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.746 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.02 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

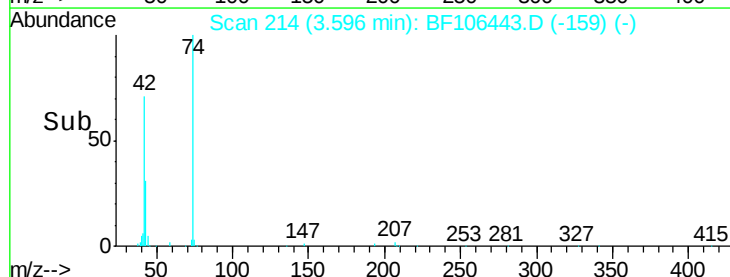
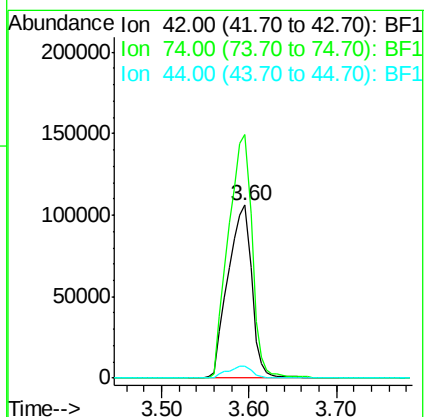
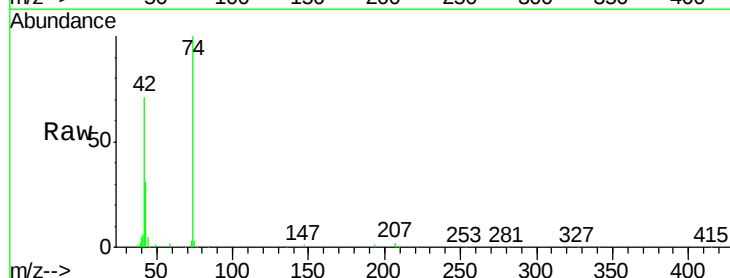
Tgt Ion: 42 Resp: 196056

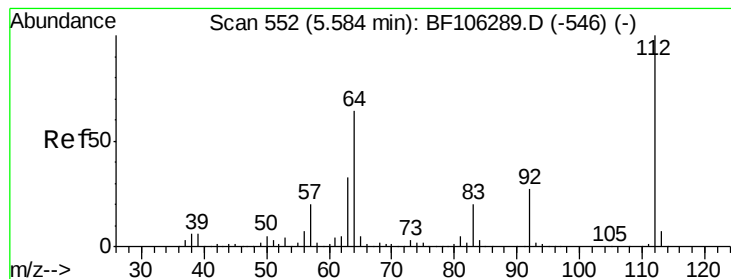
Ion Ratio Lower Upper

42 100

74 140.7 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 117.744 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampled :

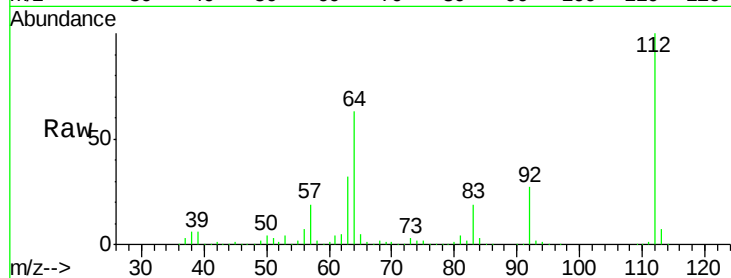
Tot Ion: 112 Resp: 901766

Ion Ratio Lower Upper

112 100

64 62.7 47.9 71.9

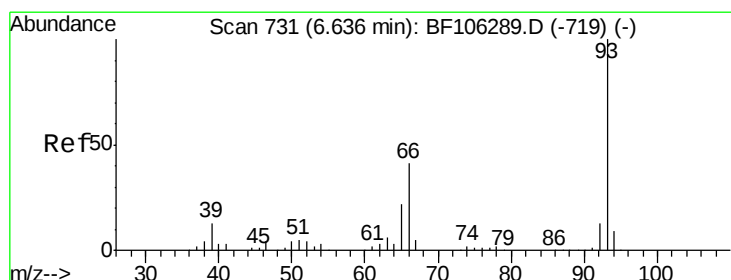
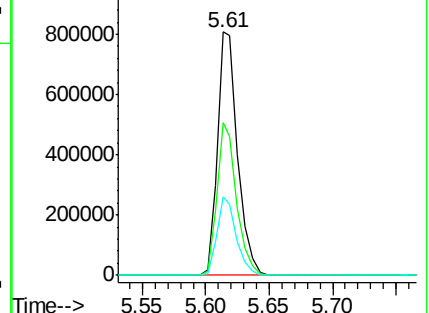
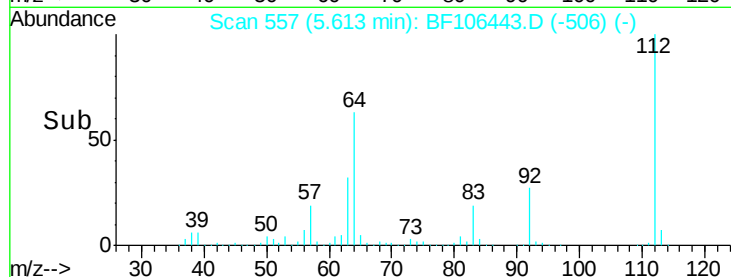
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.414 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

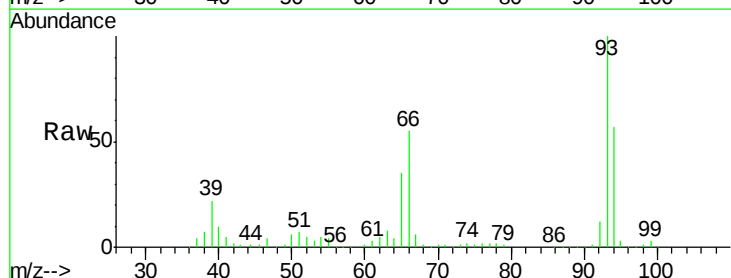
Tgt Ion: 93 Resp: 415602

Ion Ratio Lower Upper

93 100

66 54.7 32.2 48.2#

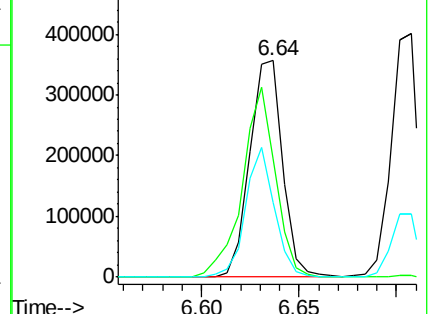
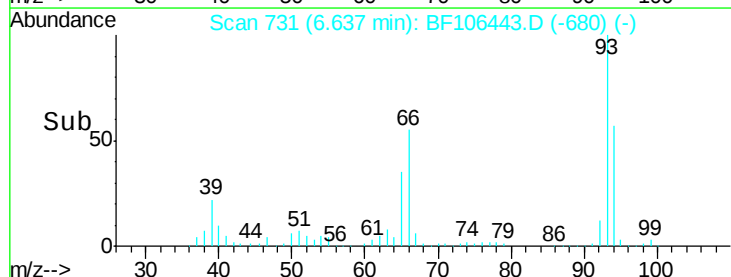
65 34.7 16.4 24.6#

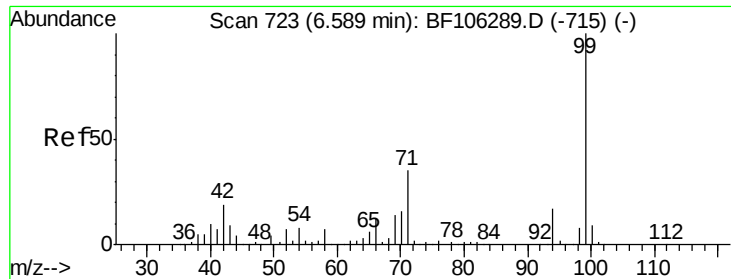


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.972 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

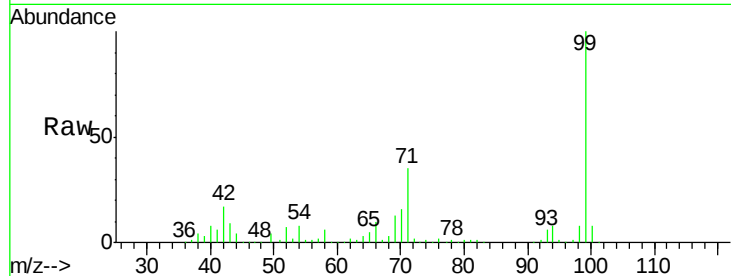
Tot Ion: 99 Resp: 1093124

Ion Ratio Lower Upper

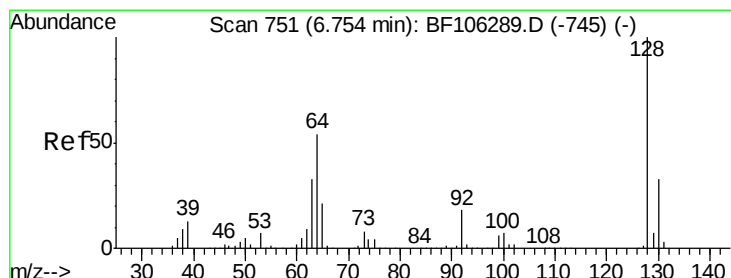
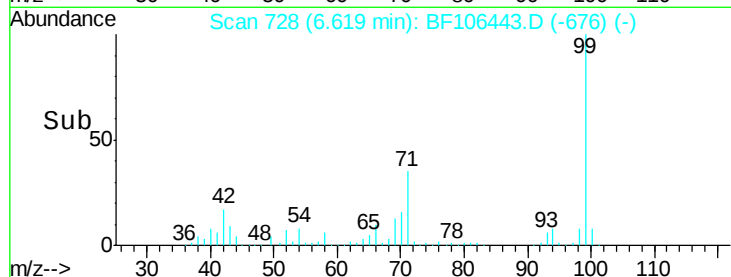
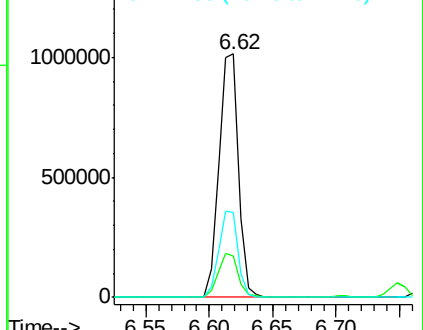
99 100

42 17.1 14.5 21.7

71 34.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 44.577 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

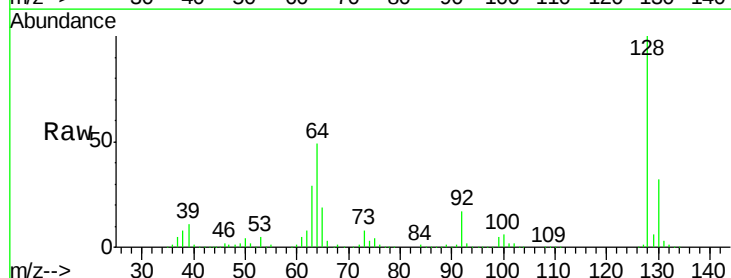
Tgt Ion:128 Resp: 367138

Ion Ratio Lower Upper

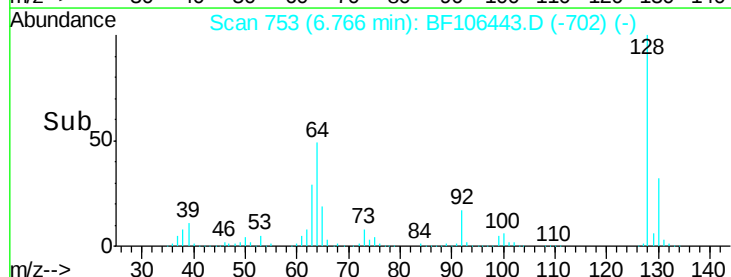
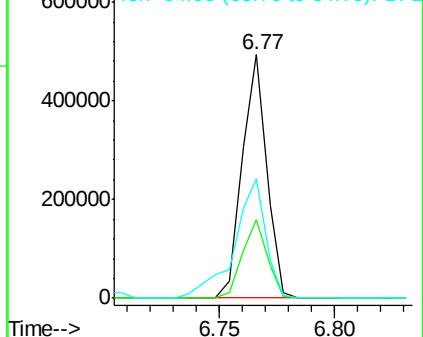
128 100

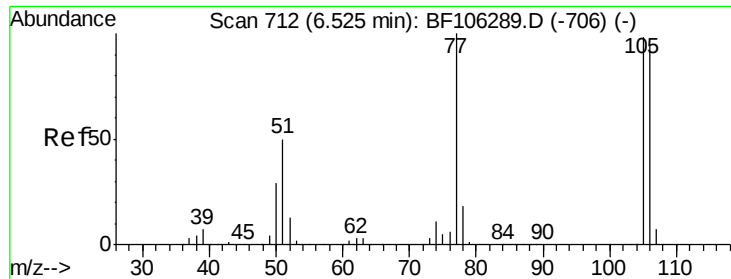
130 32.2 13.0 53.0

64 49.3 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

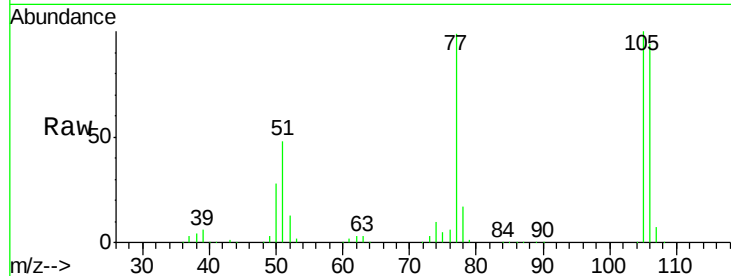




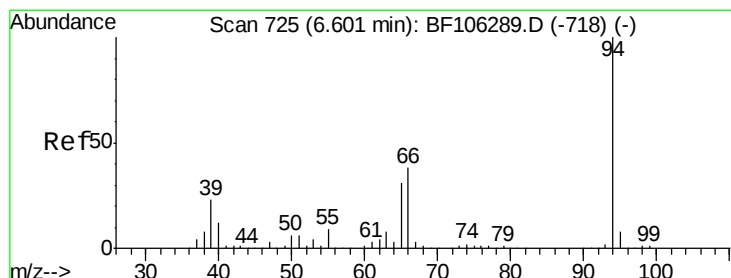
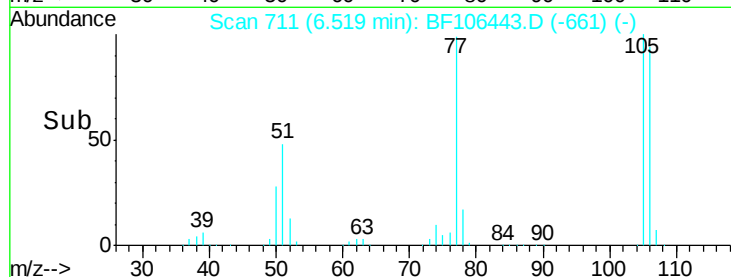
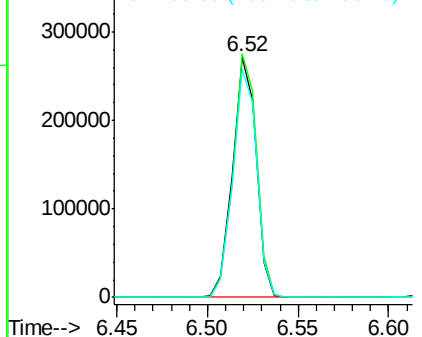
#9
Benzaldehyde
Concen: 33.611 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 246685
Ion Ratio Lower Upper
77 100
105 101.4 81.1 121.1
106 94.8 74.5 114.5

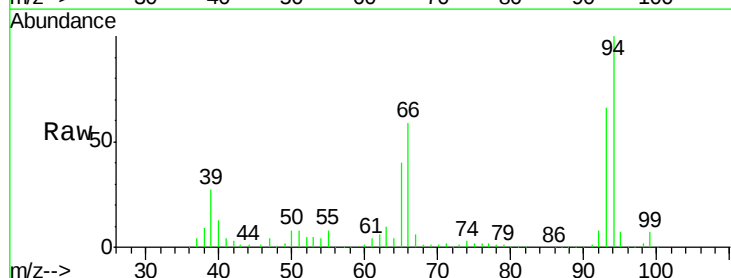


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

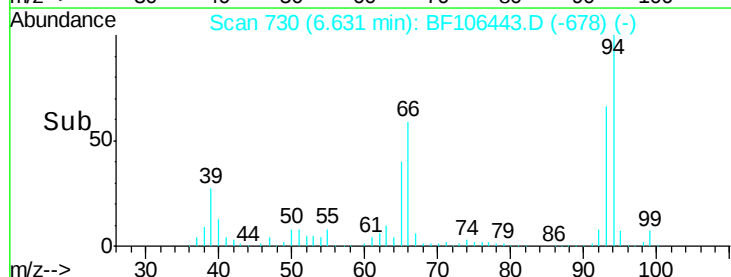
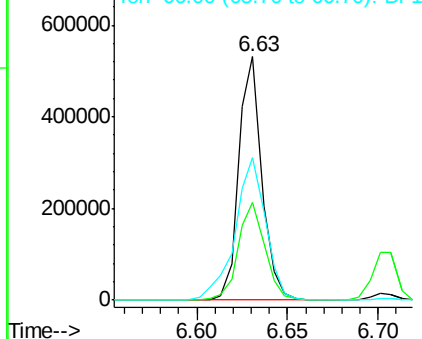


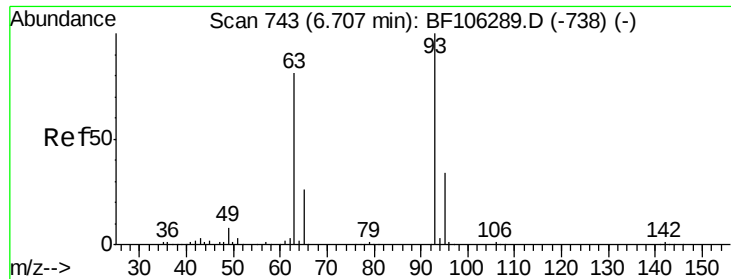
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Phenol
Concen: 44.532 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 94 Resp: 470397
Ion Ratio Lower Upper
94 100
65 40.1 7.9 47.9
66 58.8 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

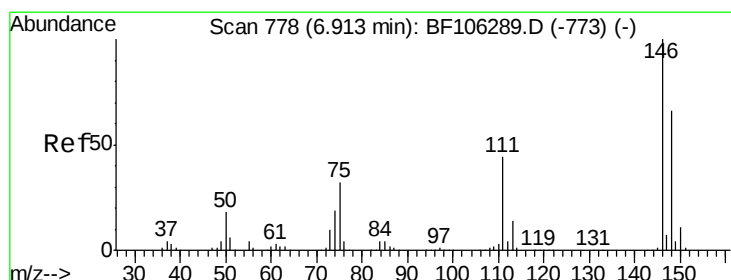
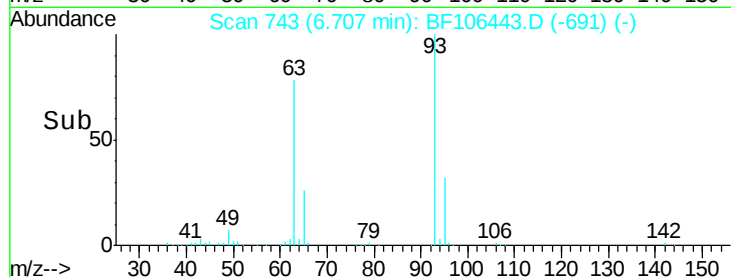
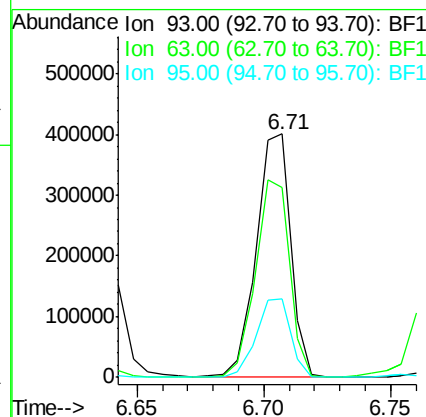
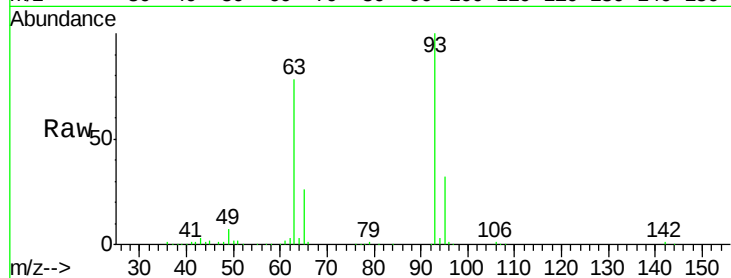




#11
bis(2-Chloroethyl)ether
Concen: 42.073 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

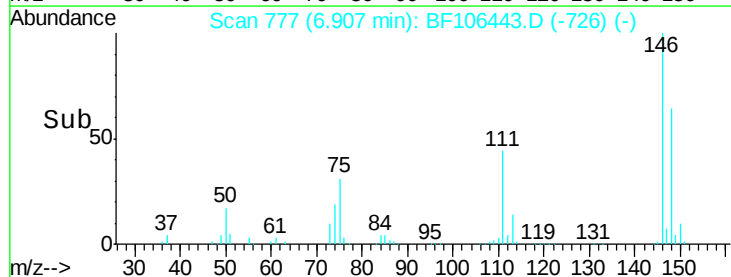
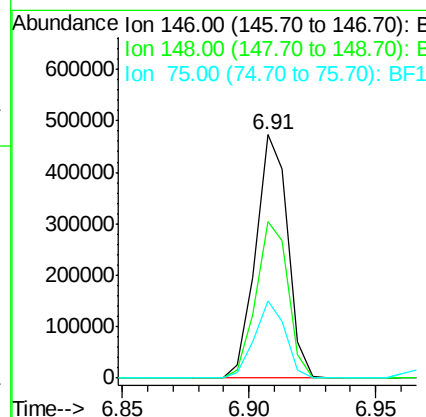
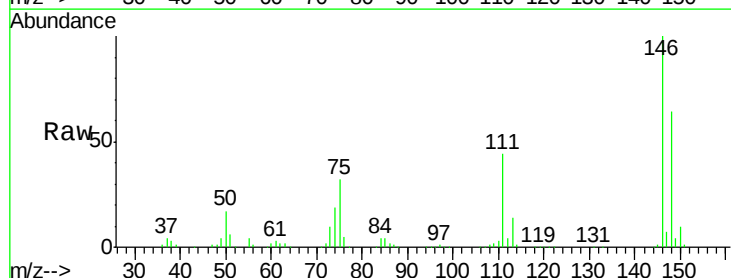
Instrument :
BNA_F
ClientSampled :

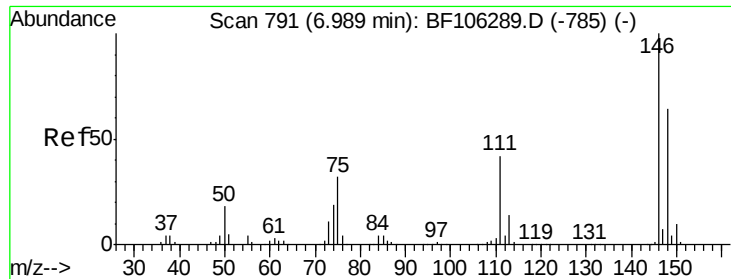
Tot Ion: 93 Resp: 380456
Ion Ratio Lower Upper
93 100
63 77.8 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.816 ng
RT: 6.91 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 146 Resp: 415028
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 31.6 24.2 36.4

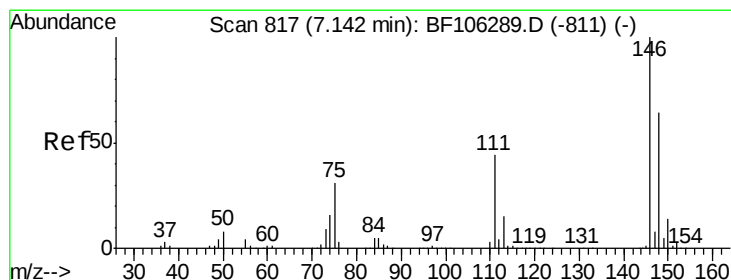
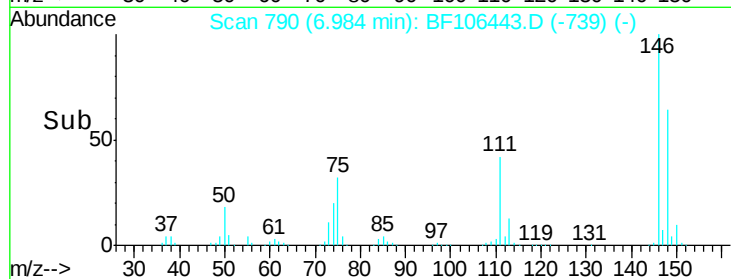
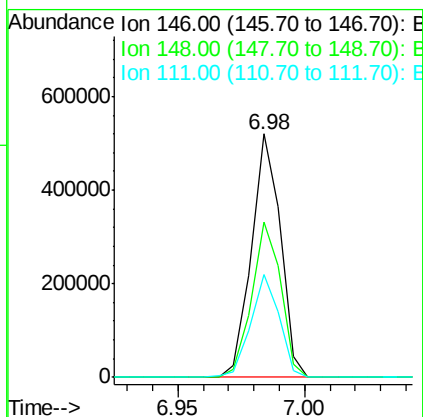
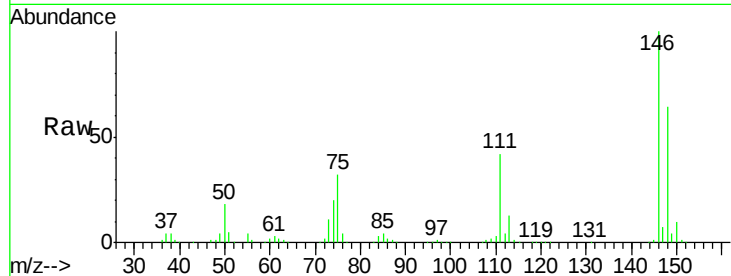




#13
 1,4-Dichlorobenzene
 Concen: 42.201 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

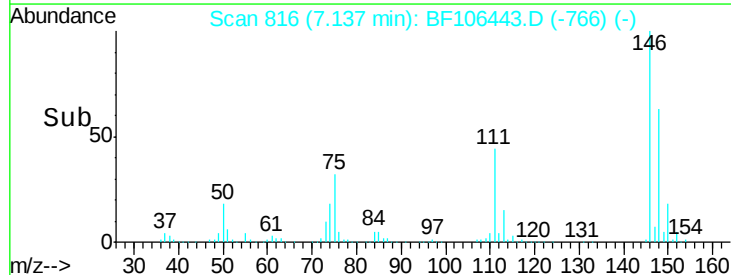
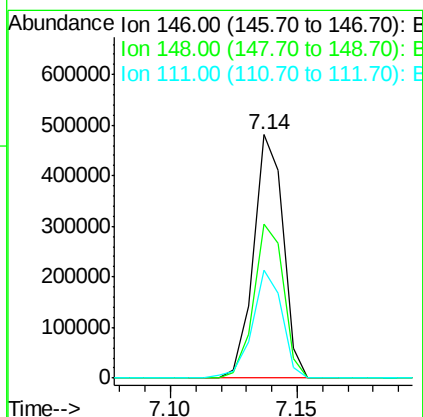
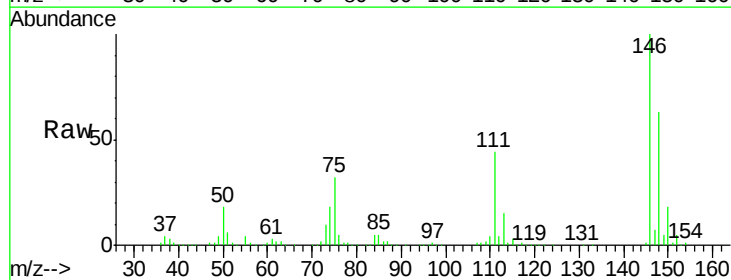
Instrument :
 BNA_F
 ClientSampleId :

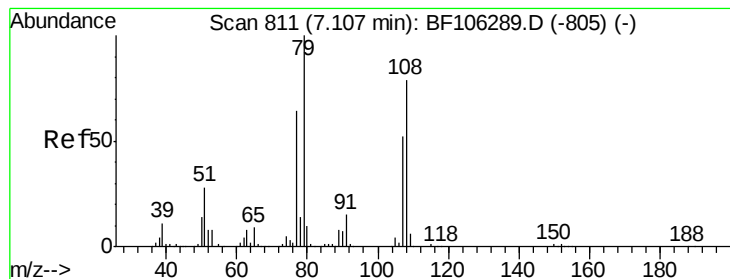
Tot Ion:146 Resp: 415122
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.440 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion:146 Resp: 392992
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 44.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.549 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

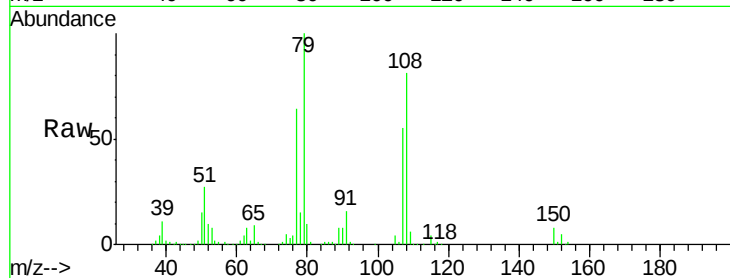
Tot Ion: 79 Resp: 344296

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

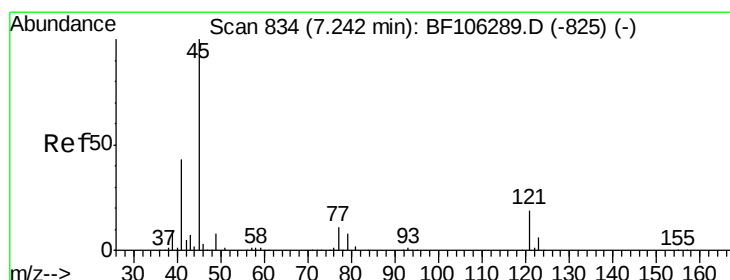
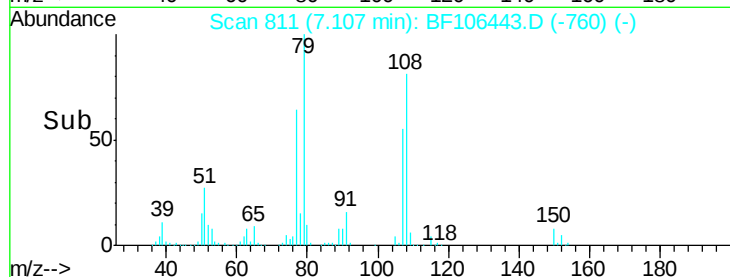
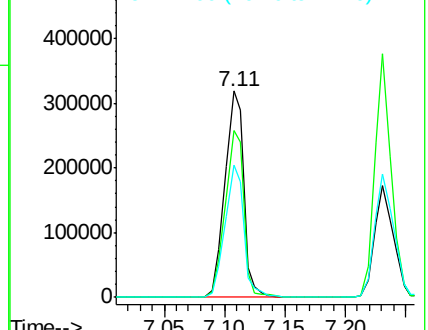
77 64.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.760 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

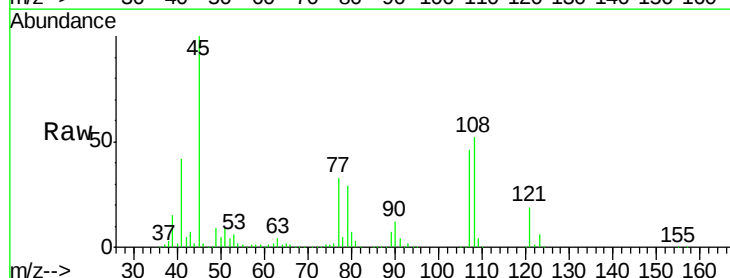
Tgt Ion: 45 Resp: 541320

Ion Ratio Lower Upper

45 100

77 32.8 0.0 32.9

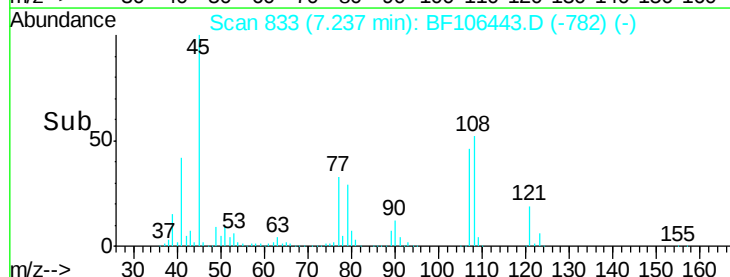
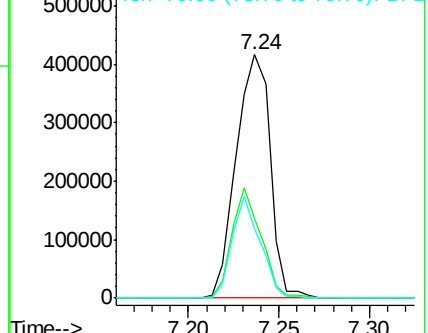
79 28.7 0.0 29.6

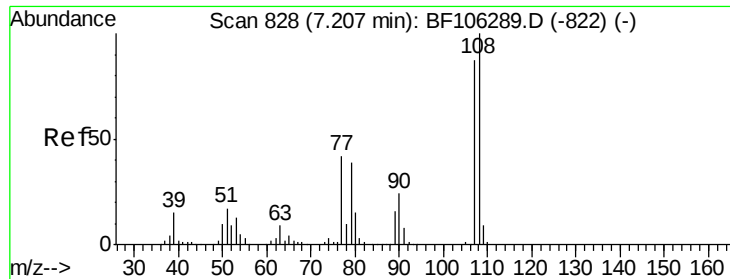


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

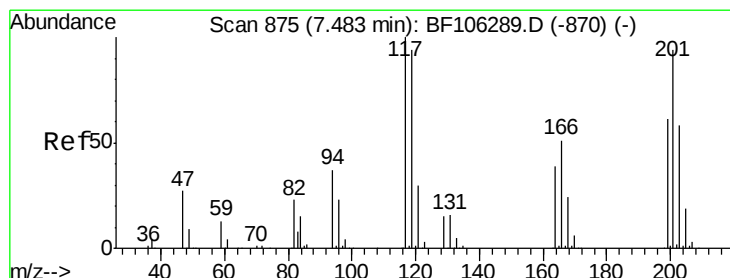
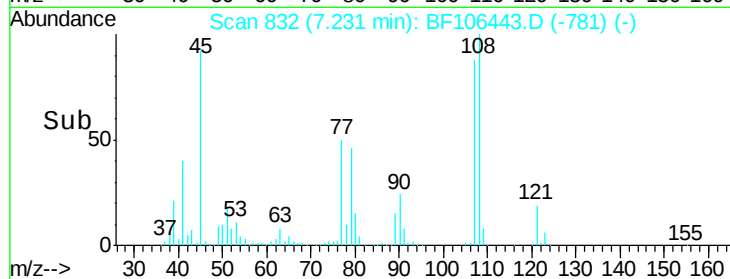
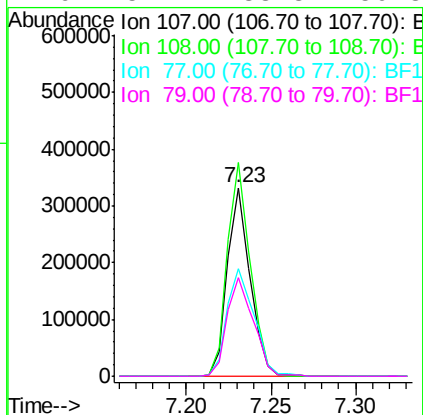
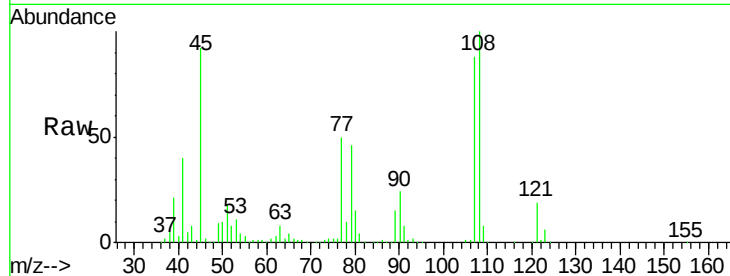




#17
2-Methylphenol
Concen: 42.398 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

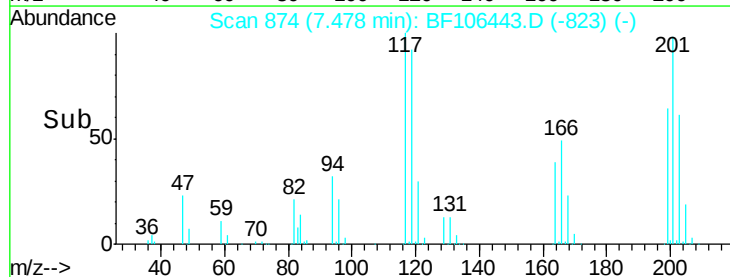
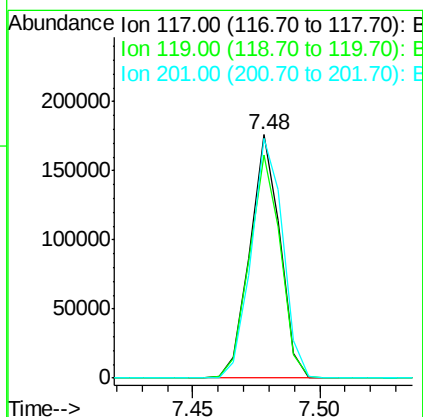
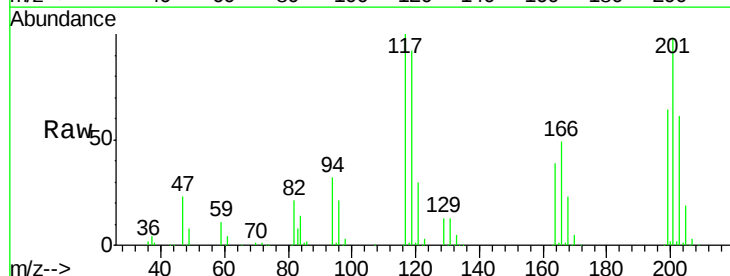
Instrument :
BNA_F
ClientSampled :

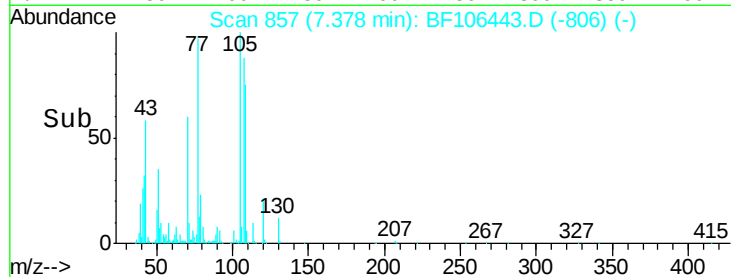
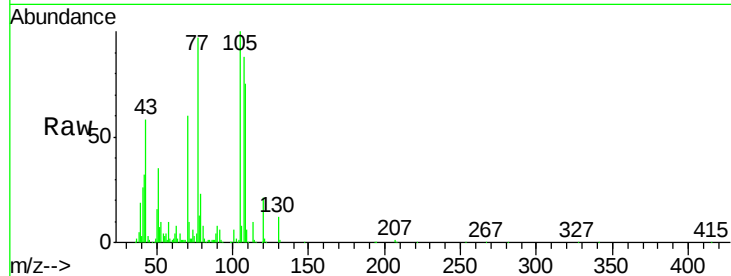
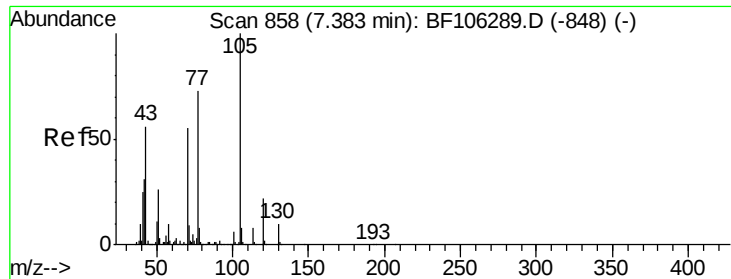
Tot Ion:107 Resp: 311545
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 57.1 33.8 50.8#
79 52.2 33.8 50.8#



#18
Hexachloroethane
Concen: 41.430 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:117 Resp: 145211
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.8
201 98.5 75.7 113.5

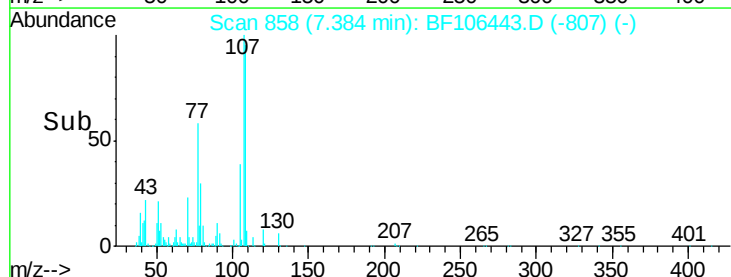
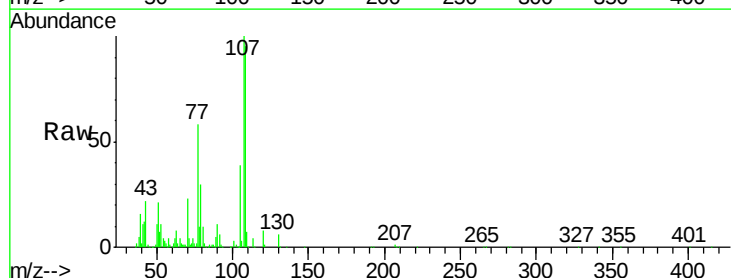
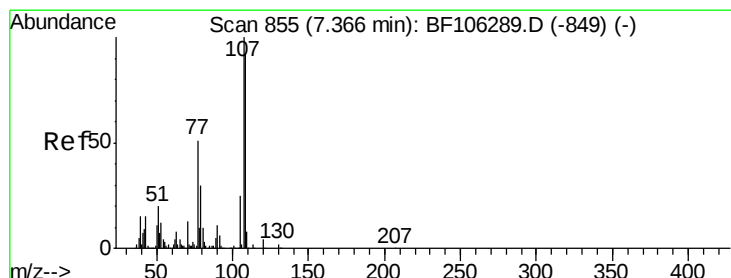
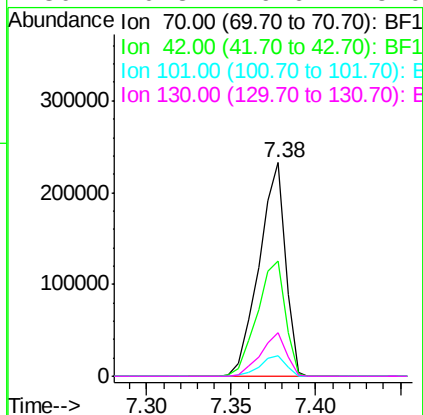




#19
n-Nitroso-di-n-propylamine
Concen: 34.707 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

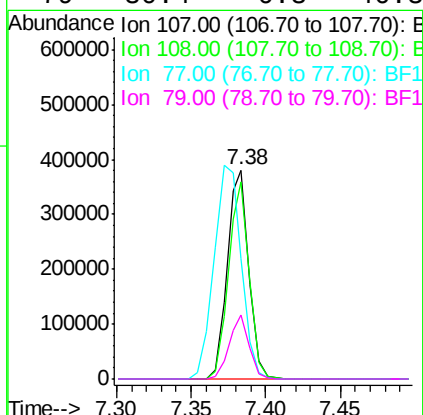
Instrument :
BNA_F
ClientSampleId :

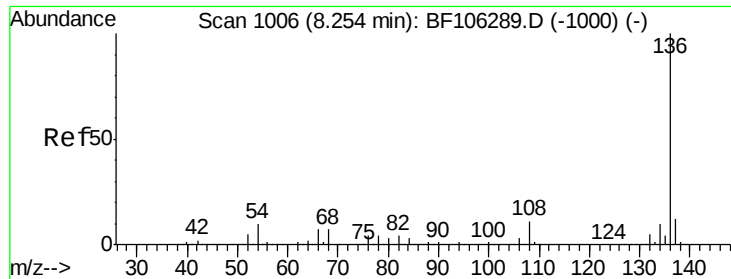
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	9.8	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.107 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	68.2	108.2
77	57.7	26.7	66.7
79	30.4	6.3	46.3

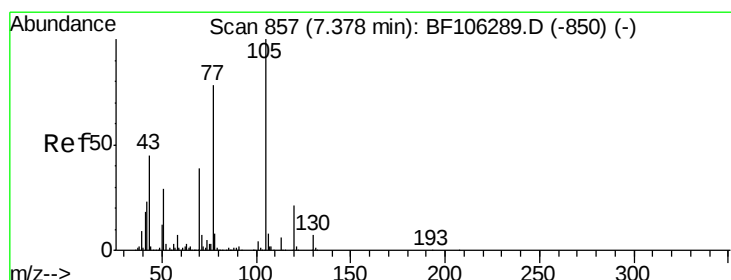
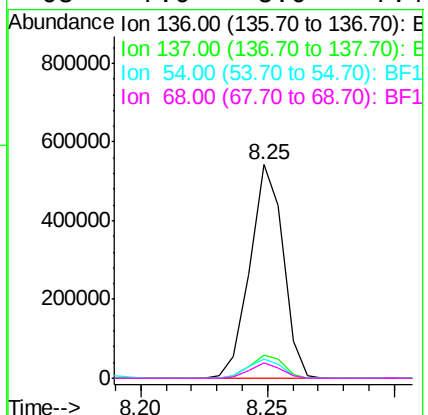
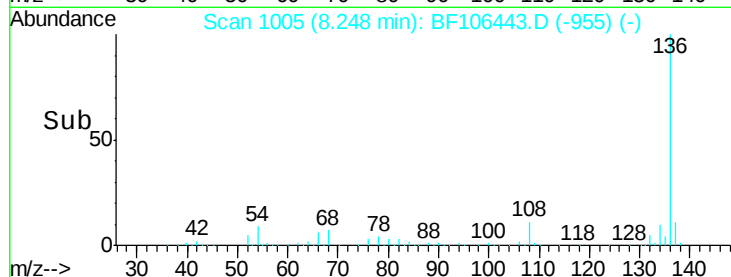
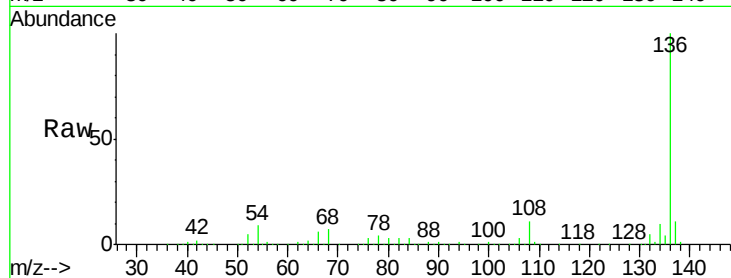




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

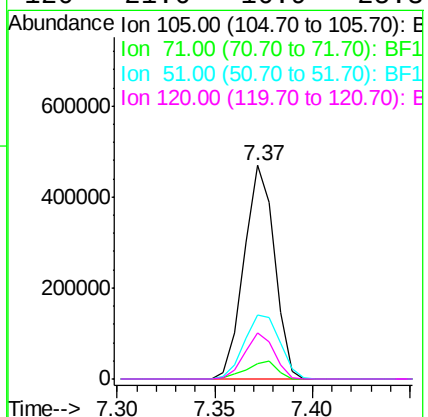
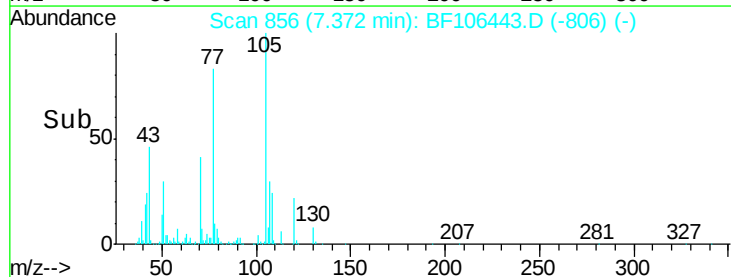
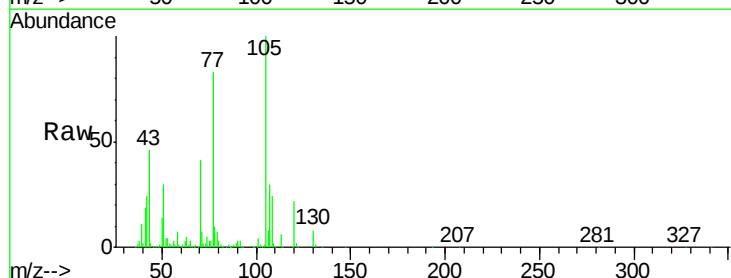
Instrument :
BNA_F
ClientSampleId :

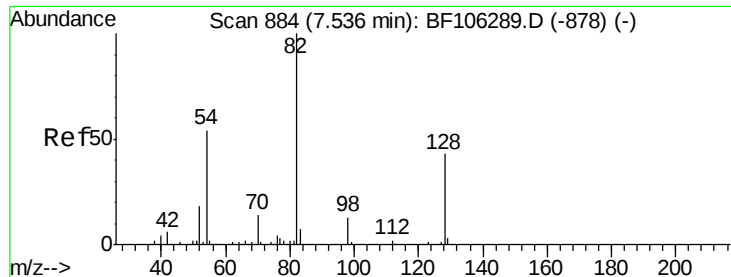
Tot Ion:136	Resp:	496455
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.8	6.6 9.8
68	7.0	5.0 7.4



#22
Acetophenone
Concen: 40.609 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:105	Resp:	508063
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	30.0	22.3 33.5
120	21.6	16.9 25.3

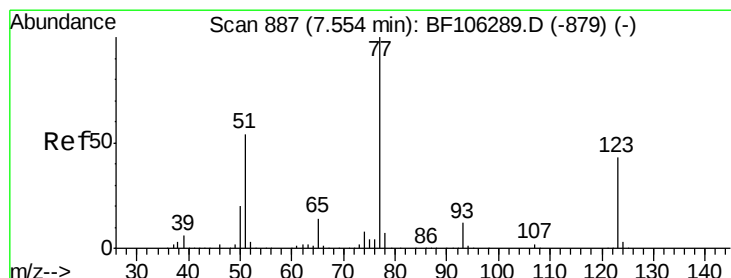
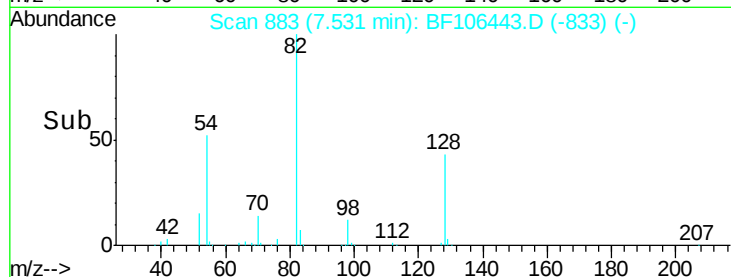
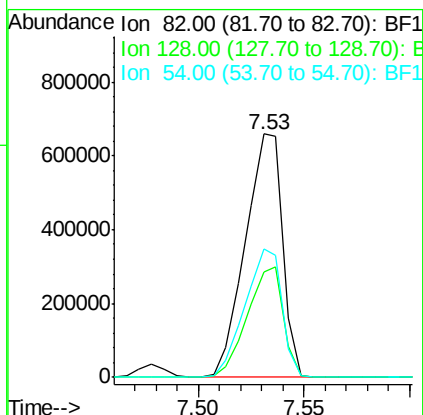
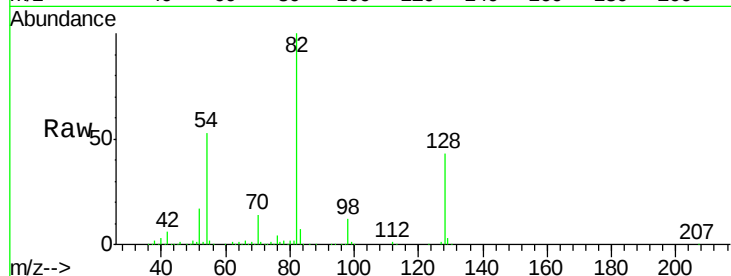




#23
 Nitrobenzene-d5
 Concen: 95.661 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

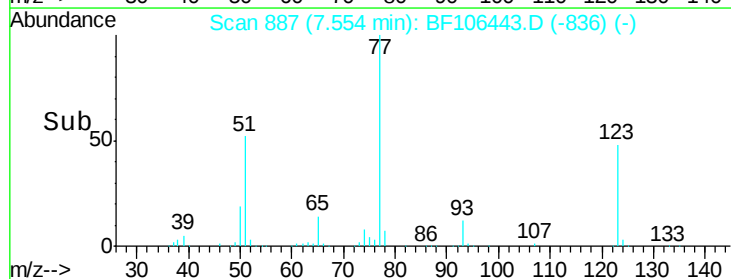
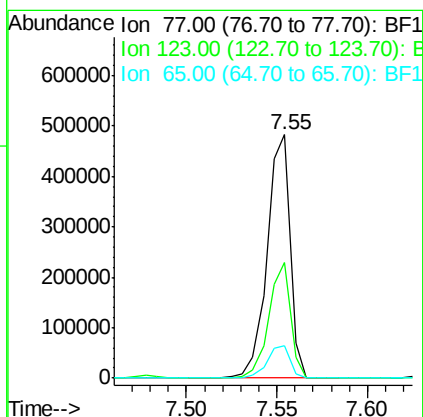
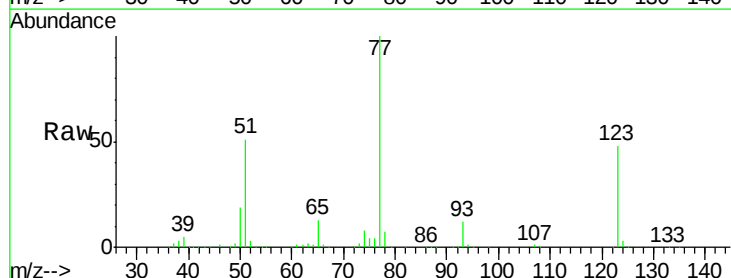
Instrument :
 BNA_F
 ClientSampled :

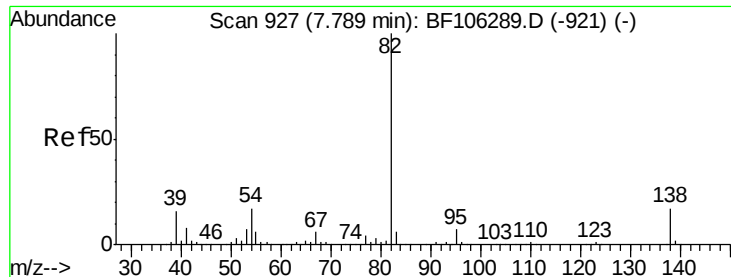
Tot Ion	82	Resp	807287
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.1	54.1
54	52.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 46.367 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion	77	Resp	425299
Ion Ratio	Lower	Upper	
77	100		
123	47.5	37.9	56.9
65	13.5	11.0	16.4

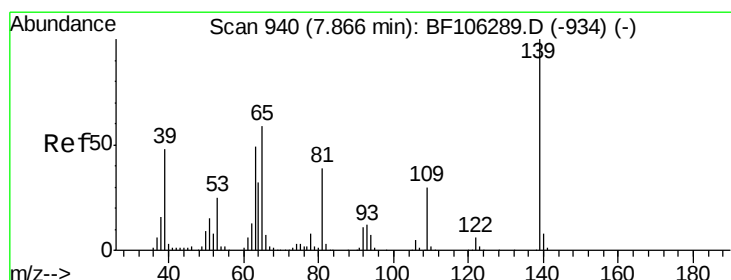
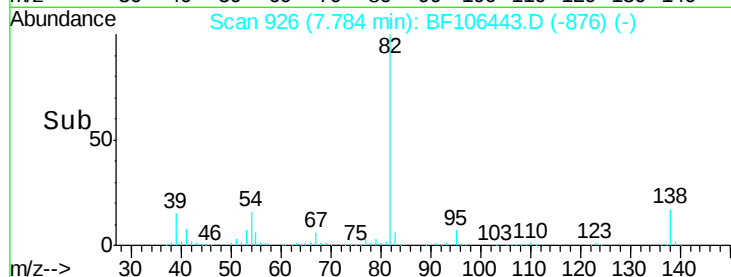
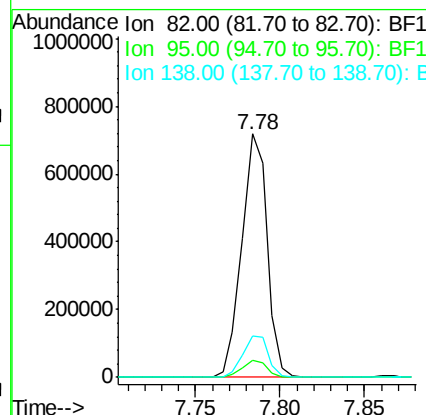
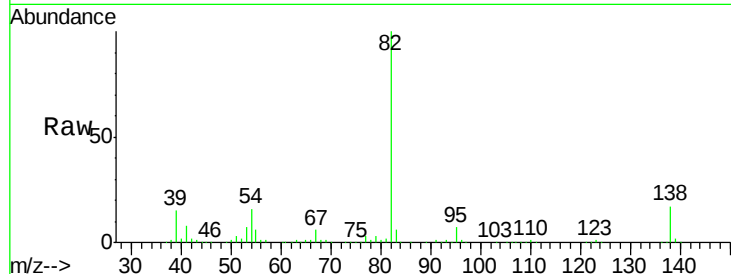




#25
Isophorone
Concen: 45.732 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

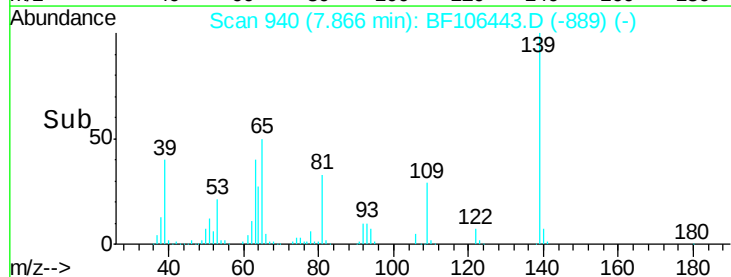
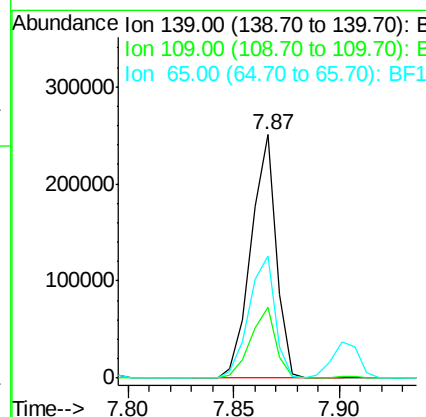
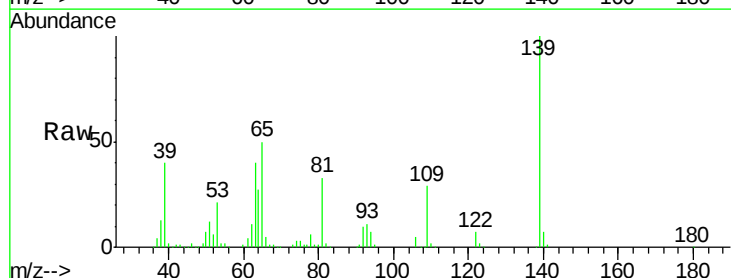
Instrument :
BNA_F
ClientSampleId :

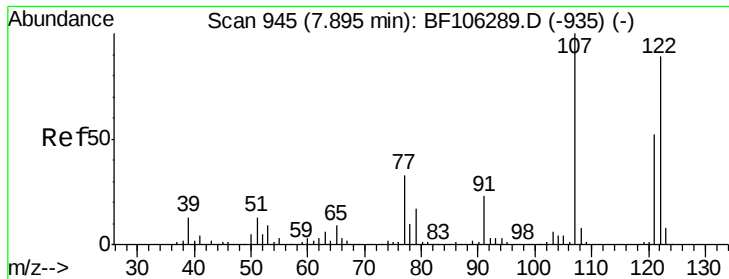
Tot Ion: 82 Resp: 753813
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 58.315 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 139 Resp: 207616
Ion Ratio Lower Upper
139 100
109 28.9 22.7 34.1
65 50.3 40.5 60.7

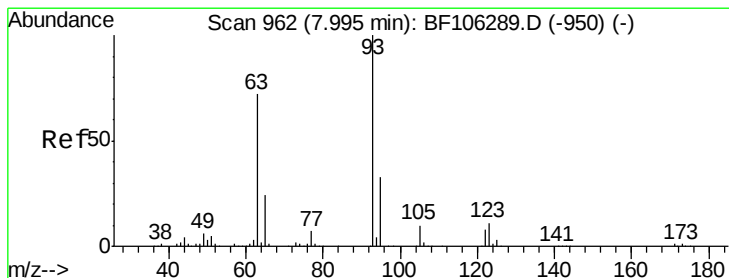
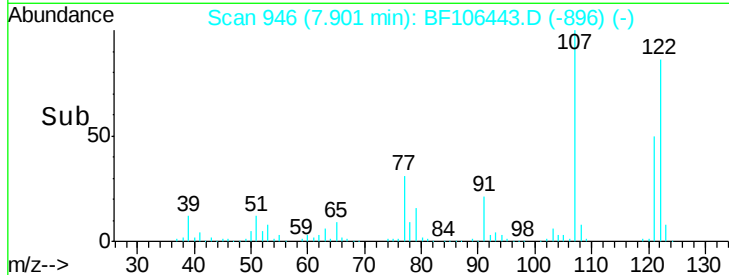
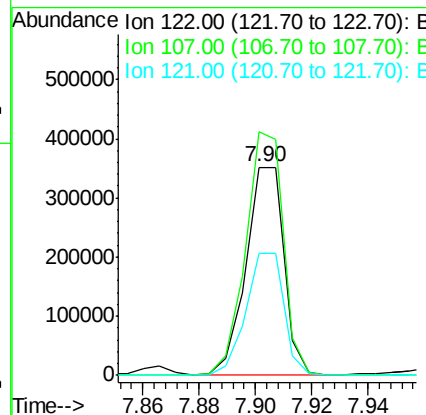
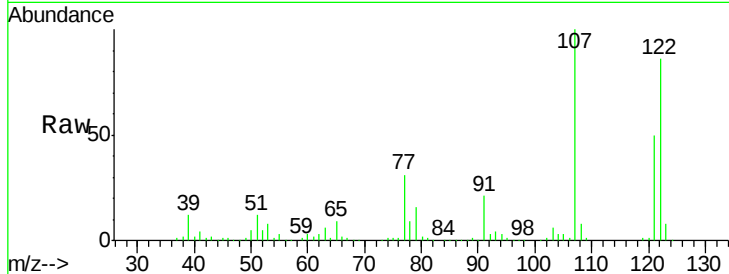




#27
 2,4-Dimethylphenol
 Concen: 47.482 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

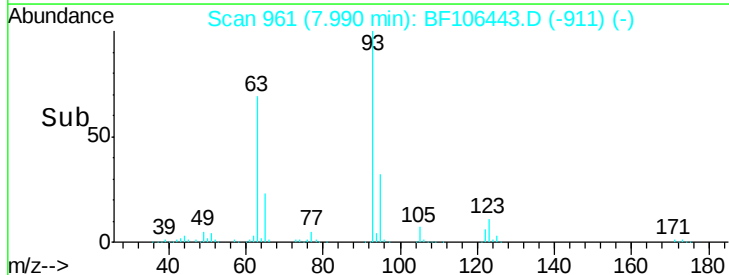
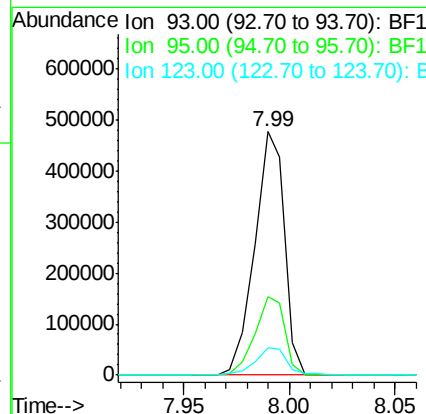
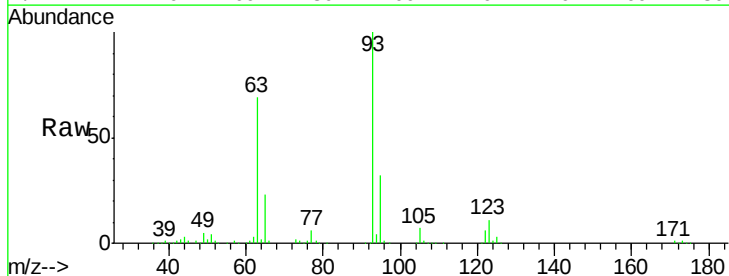
Instrument :
 BNA_F
 ClientSampled :

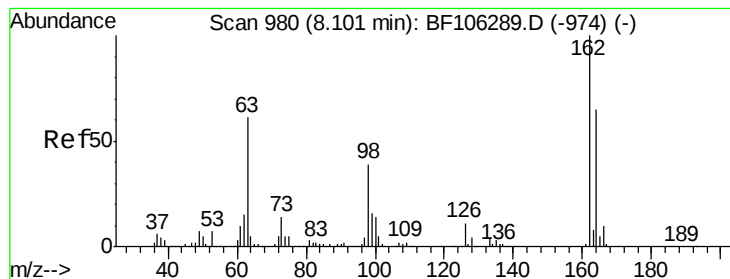
Tot Ion:122 Resp: 331339
 Ion Ratio Lower Upper
 122 100
 107 116.9 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.785 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion: 93 Resp: 467981
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.2 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 49.532 ng

RT: 8.12 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampled :

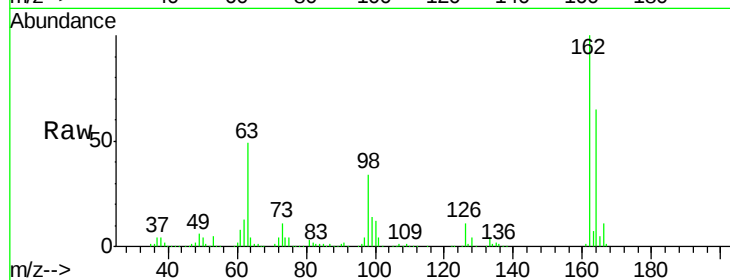
Tot Ion:162 Resp: 333456

Ion Ratio Lower Upper

162 100

164 65.1 42.7 82.7

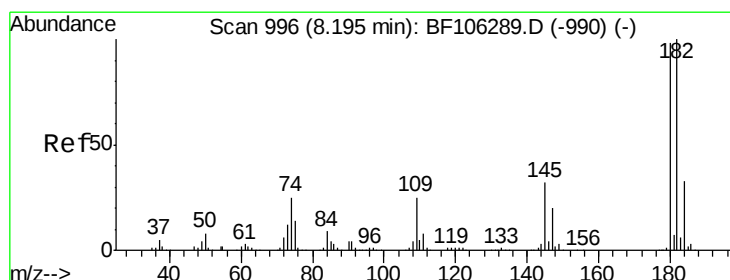
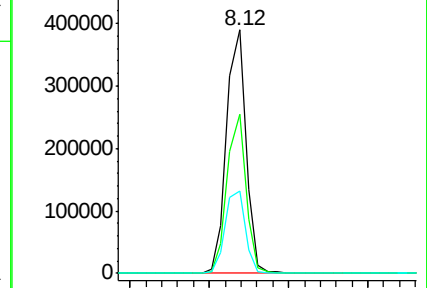
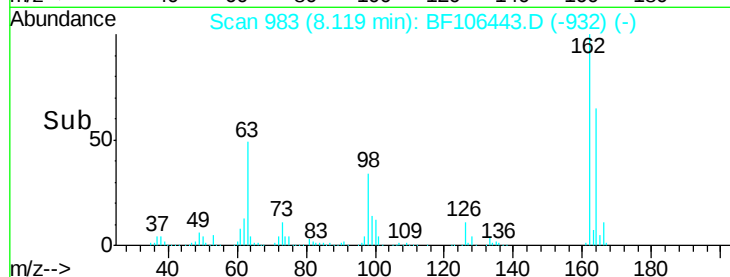
98 34.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.944 ng

RT: 8.19 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

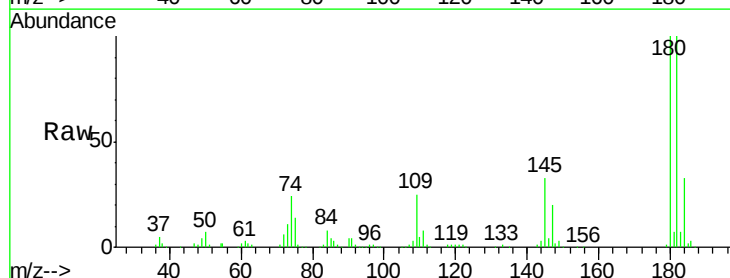
Tgt Ion:180 Resp: 331707

Ion Ratio Lower Upper

180 100

182 100.0 76.8 115.2

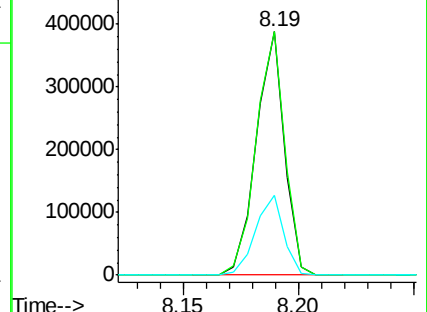
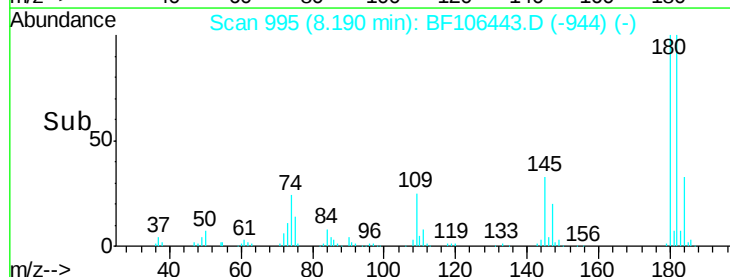
145 32.5 26.5 39.7

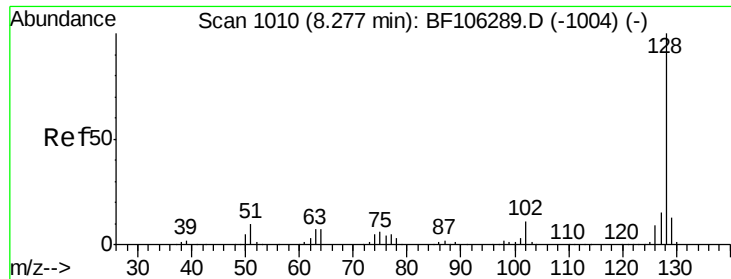


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

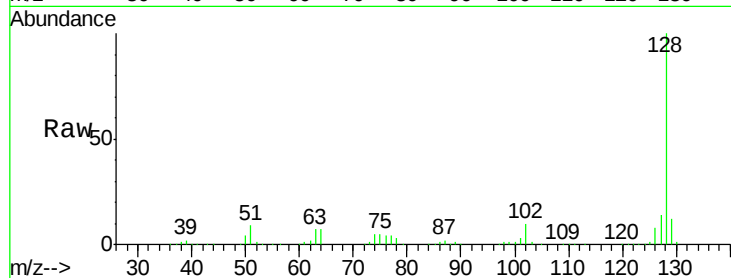




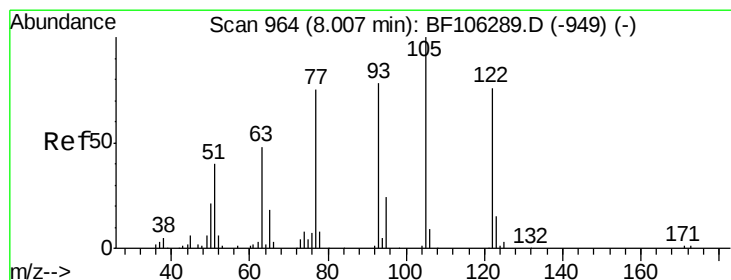
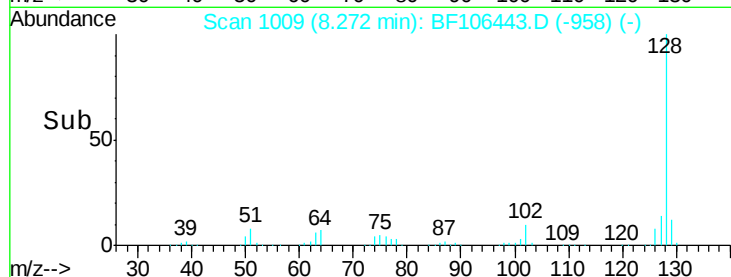
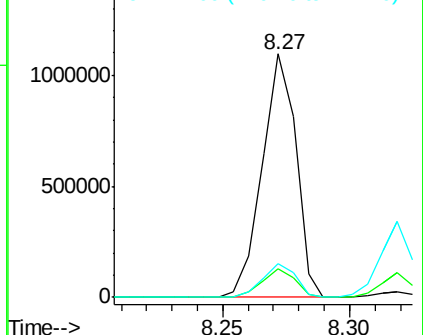
#31
Naphthalene
Concen: 45.237 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1015232
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.1 10.9 16.3

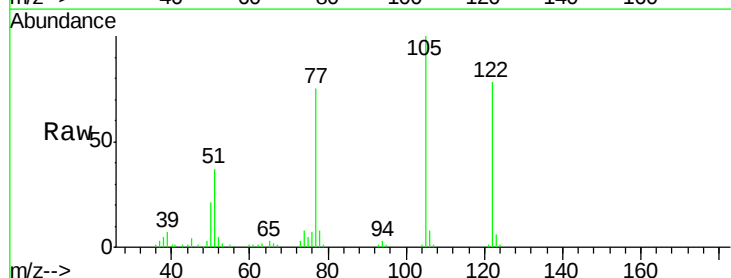


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

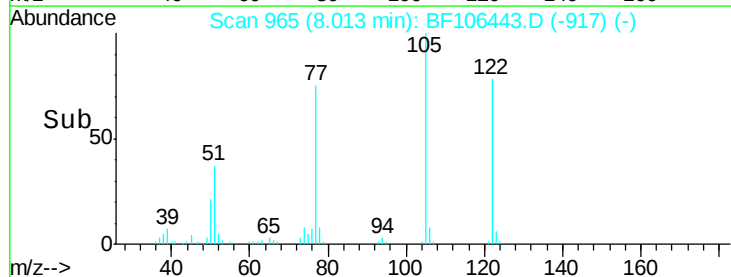
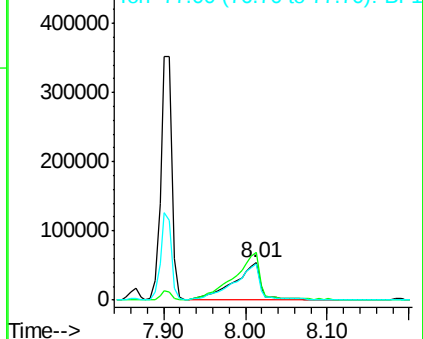


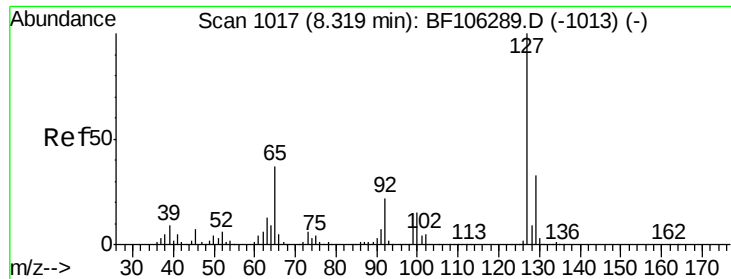
#32
Benzoic acid
Concen: 27.396 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:122 Resp: 122019
Ion Ratio Lower Upper
122 100
105 128.4 101.1 141.1
77 96.6 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

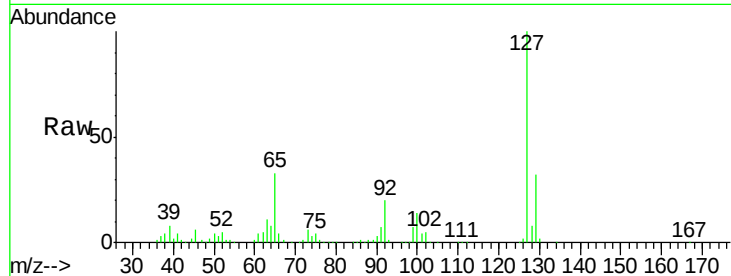




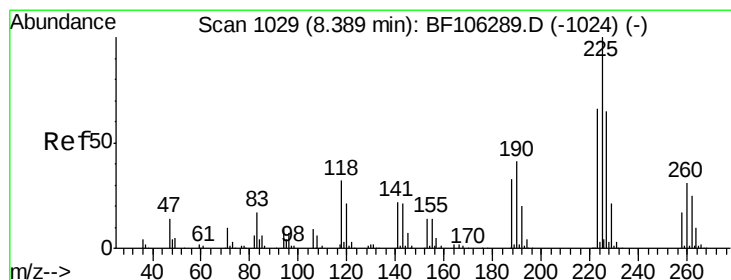
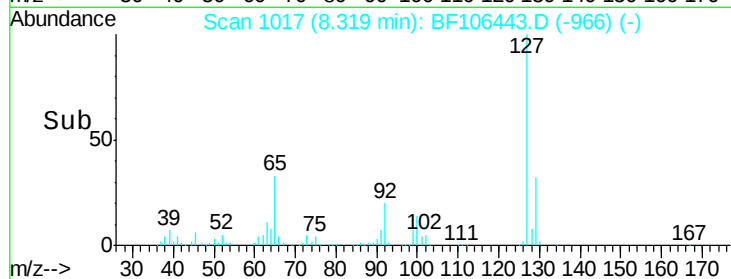
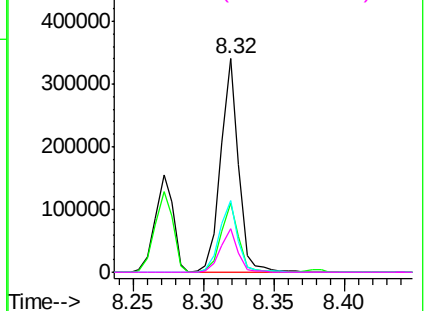
#33
4-Chloroaniline
Concen: 29.995 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	298316
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	33.4	25.0	37.4
92	20.3	15.2	22.8

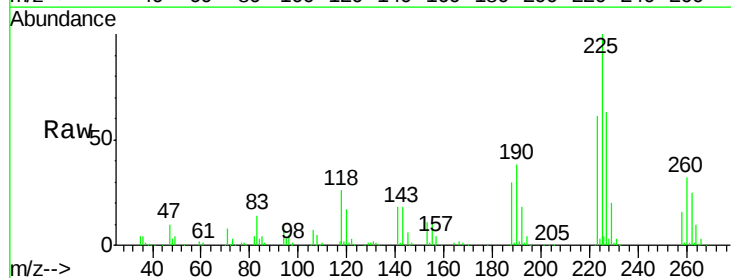


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

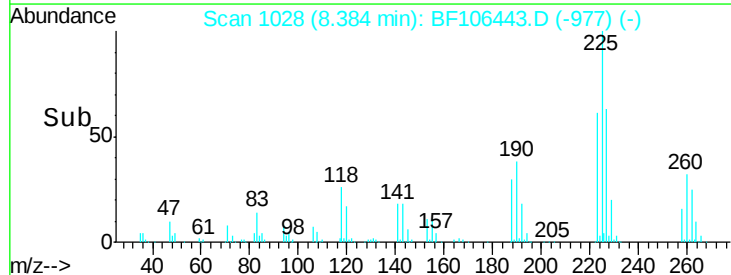
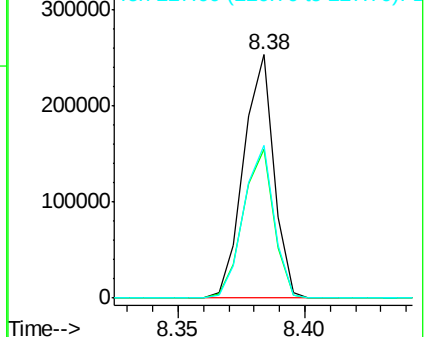


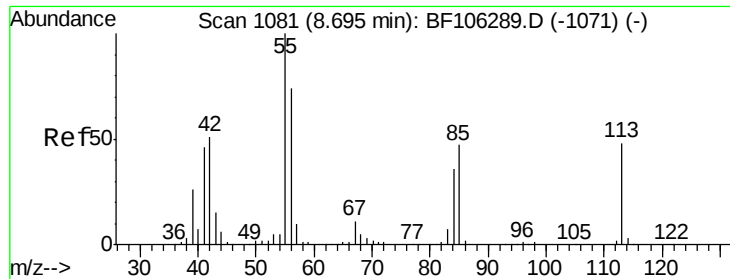
#34
Hexachlorobutadiene
Concen: 43.165 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:	225	Resp:	209328
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	62.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

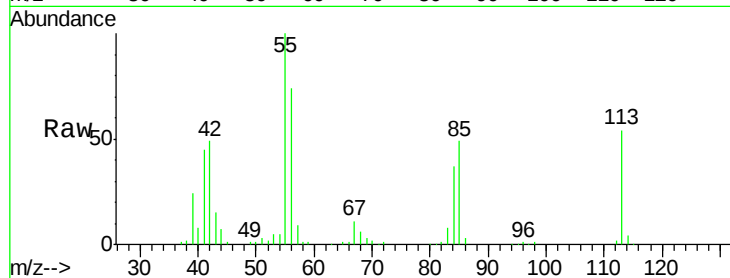




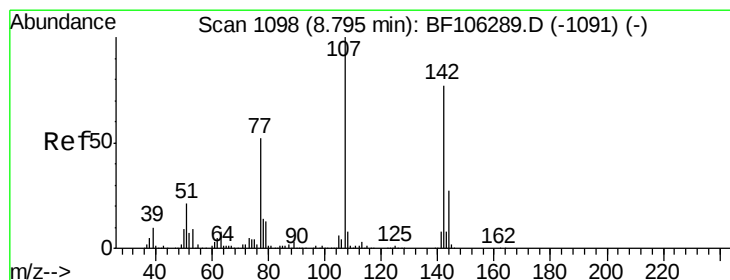
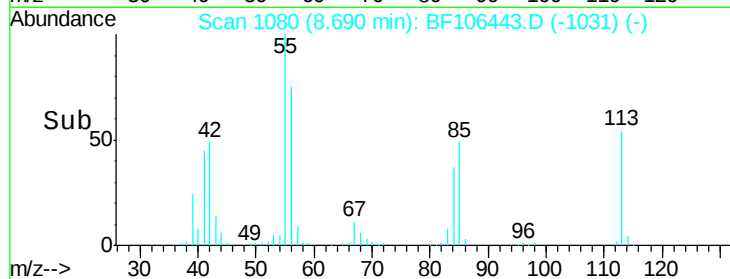
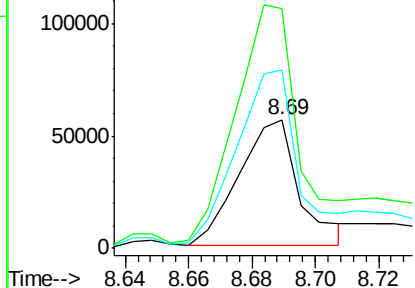
#35
 Caprolactam
 Concen: 32.675 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 74405
 Ion Ratio Lower Upper
 113 100
 55 186.9 163.3 203.3
 56 139.0 115.7 155.7

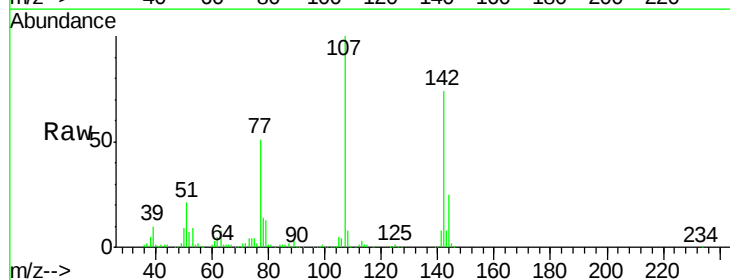


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

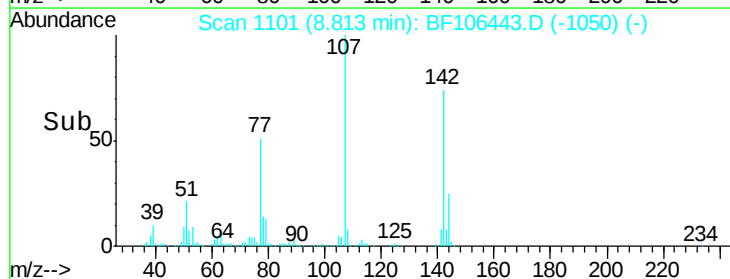
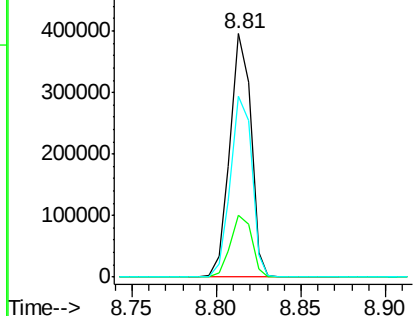


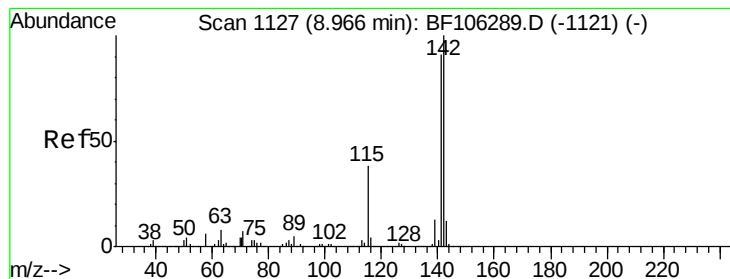
#36
 4-Chloro-3-methylphenol
 Concen: 46.182 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion:107 Resp: 343906
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 74.2 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.974 ng

RT: 8.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

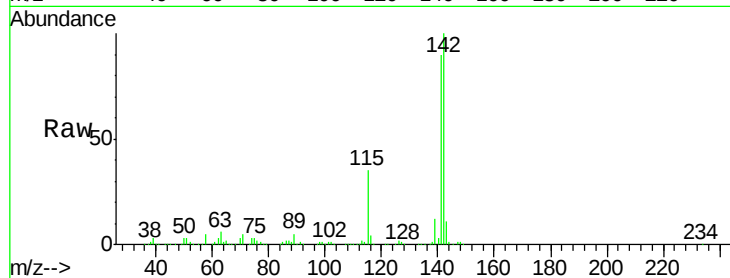
Tot Ion:142 Resp: 687447

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

115 34.8 26.1 39.1

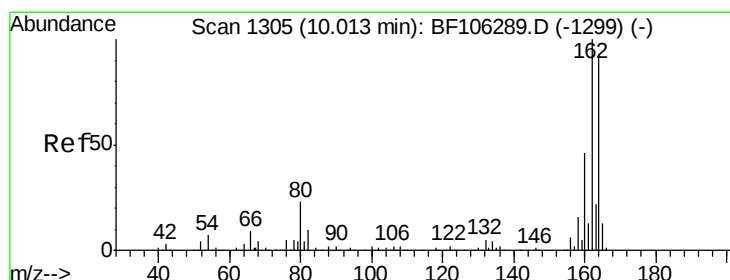
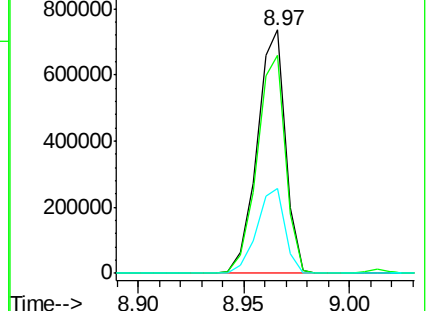
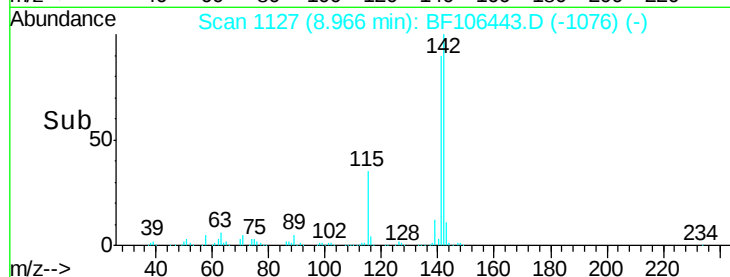


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.97



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

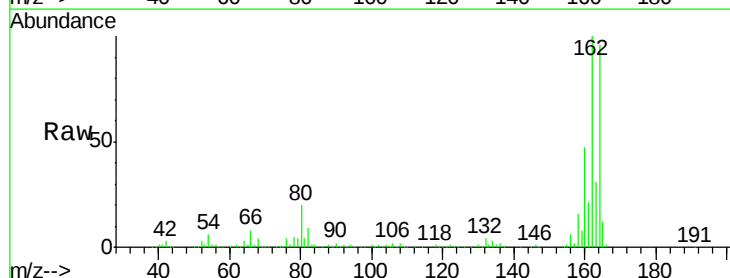
Tgt Ion:164 Resp: 230867

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 49.0 38.3 57.5

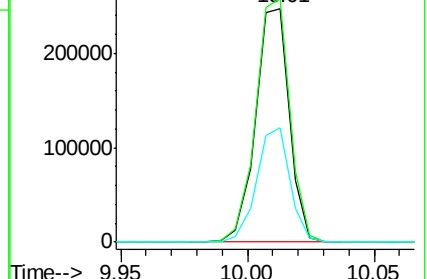
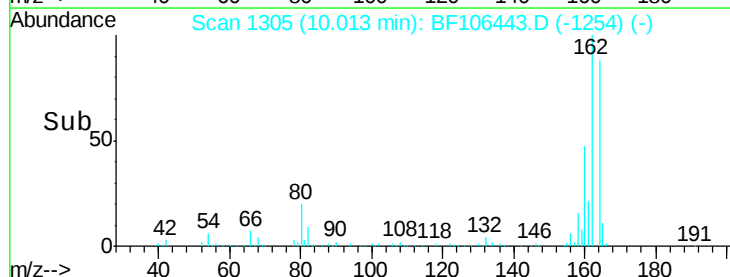


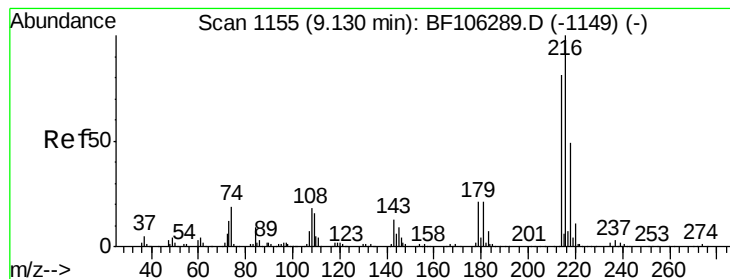
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

10.01





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.095 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 345465

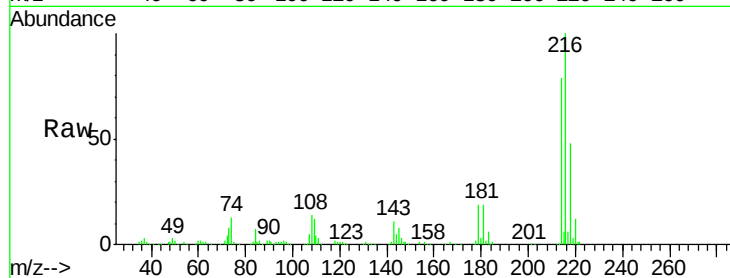
Ion Ratio Lower Upper

216 100

214 80.7 63.0 94.4

179 20.3 18.1 27.1

108 18.8 17.2 25.8

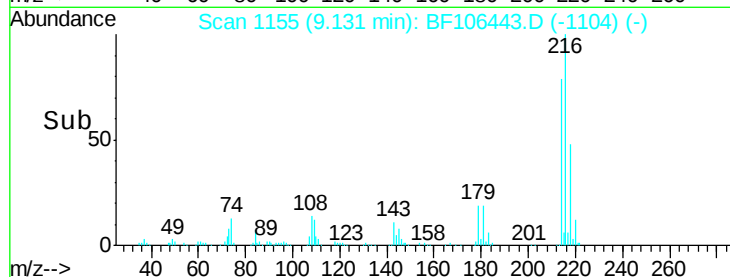


Abundance Ion 216.00 (215.70 to 216.70): E

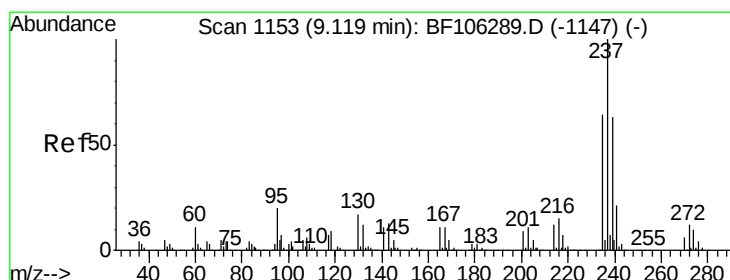
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 59.832 ng

RT: 9.11 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

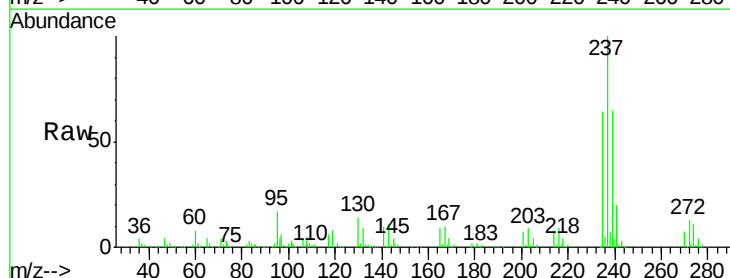
Tgt Ion:237 Resp: 247405

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

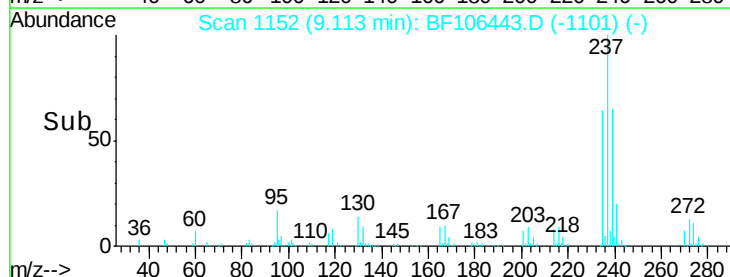
272 12.6 0.0 33.3



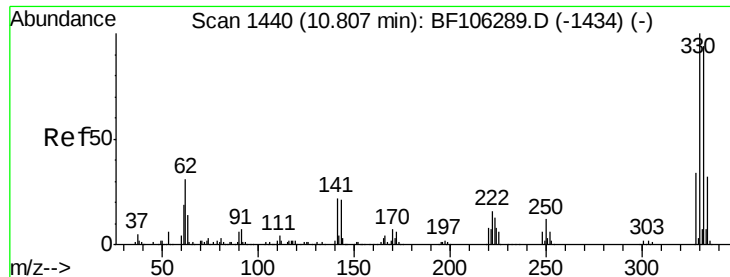
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



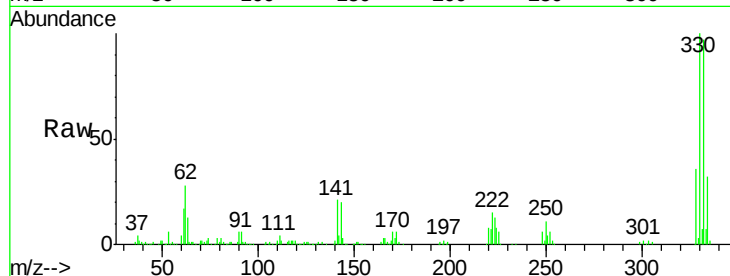
Time-->



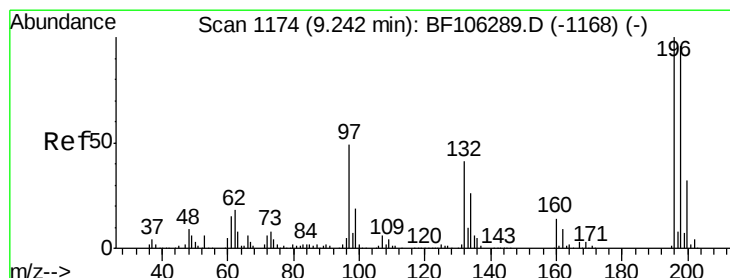
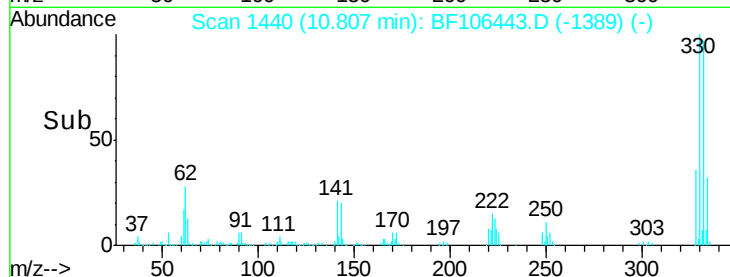
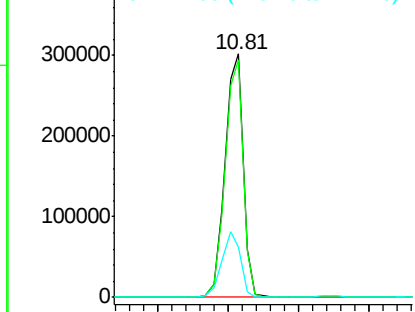
#41
 2,4,6-Tribromophenol
 Concen: 121.805 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	270570
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	96.7		
141	27.6		

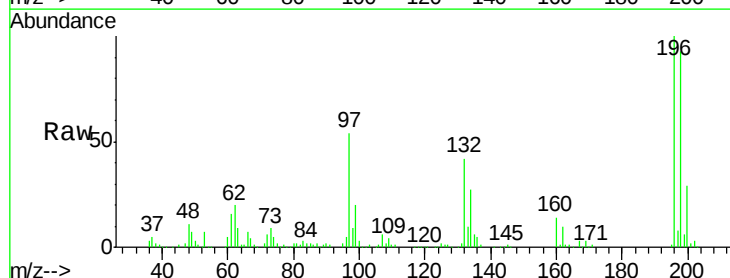


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

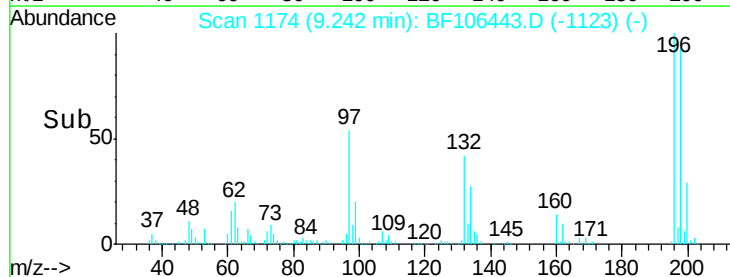
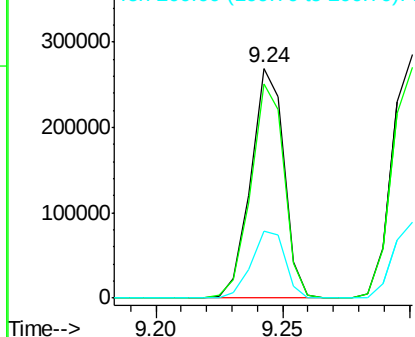


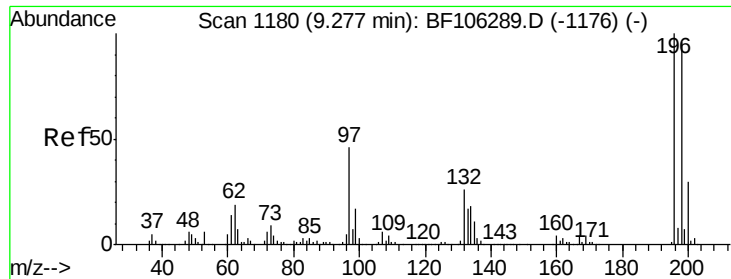
#42
 2,4,6-Trichlorophenol
 Concen: 51.667 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion	196	Resp	246770
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	93.4		
200	29.3		



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

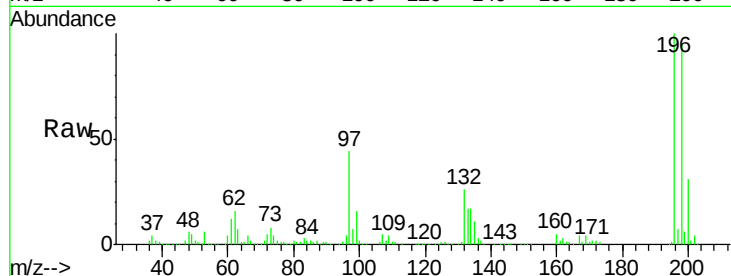




#43
2,4,5-Trichlorophenol
Concen: 49.368 ng
RT: 9.30 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	43.6	42.9	64.3
132	25.9	26.3	39.5



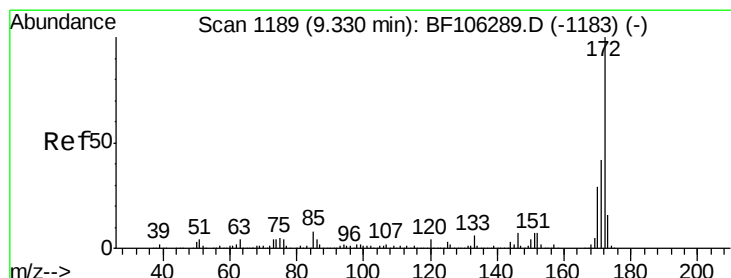
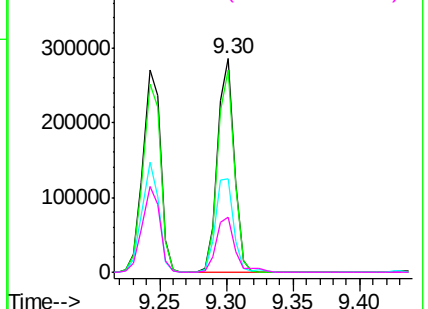
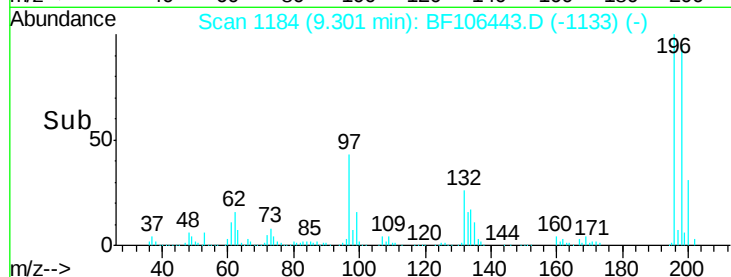
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

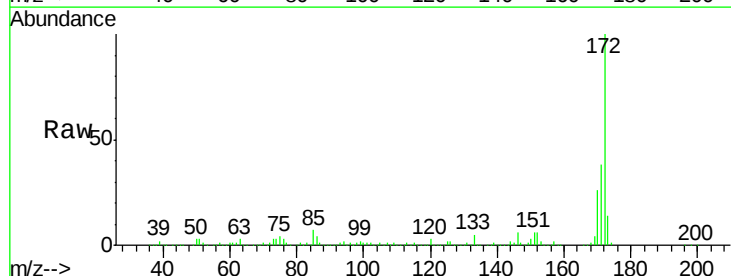
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 88.615 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	26.1	19.6	29.4

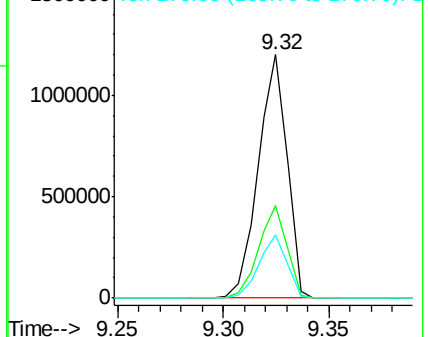
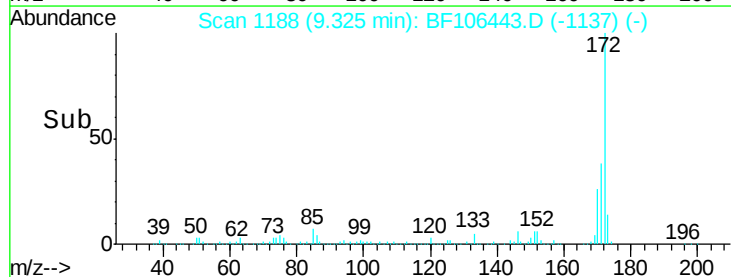


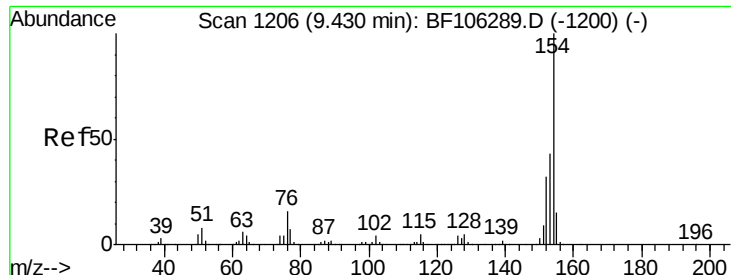
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

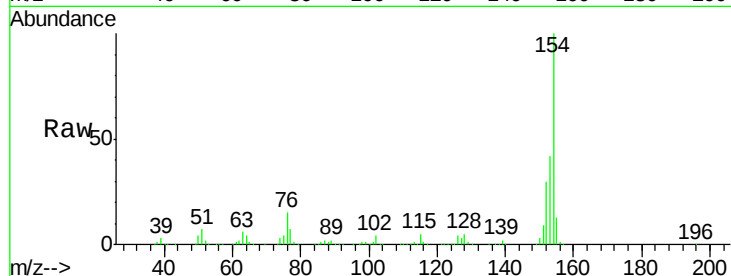




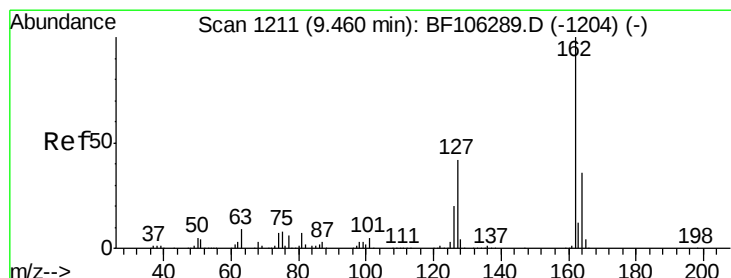
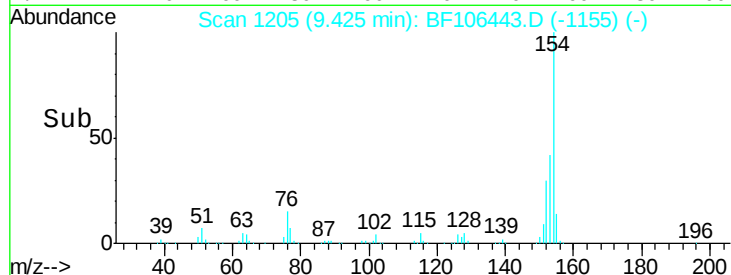
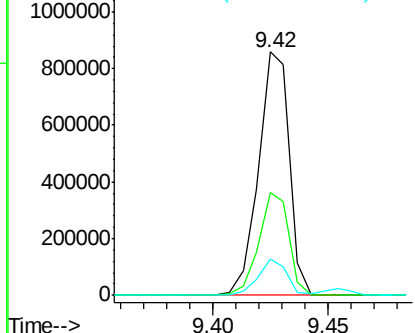
#45
 1,1'-Biphenyl
 Concen: 44.695 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	154	Resp:	799225
Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.3	61.3
76	14.8	0.0	34.0

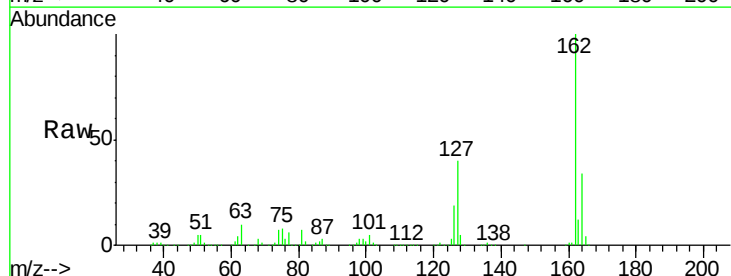


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

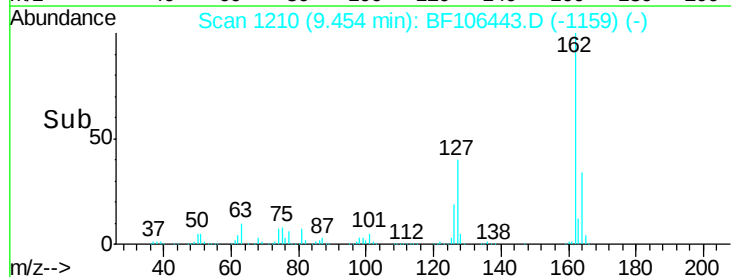
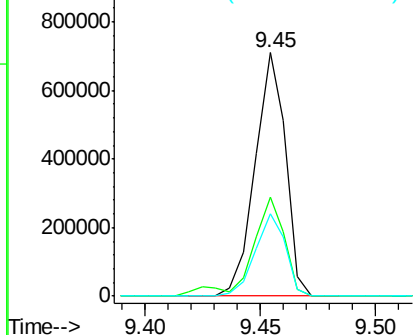


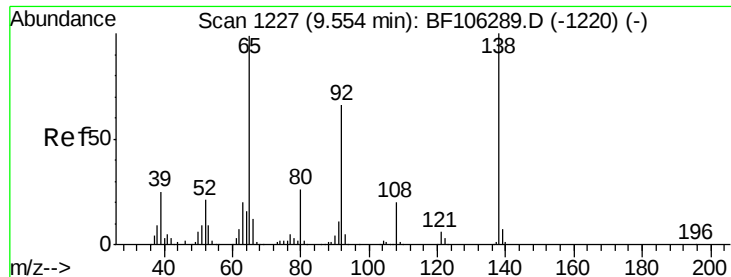
#46
 2-Chloronaphthalene
 Concen: 45.644 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion:	162	Resp:	653164
Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.8	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

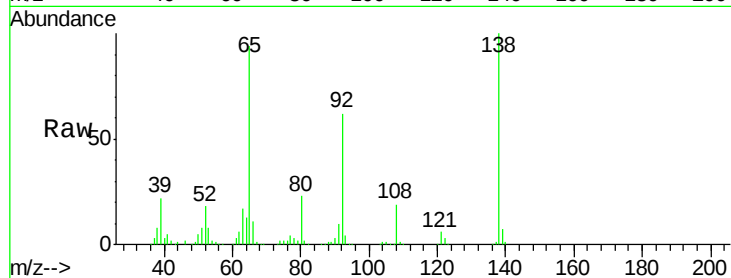




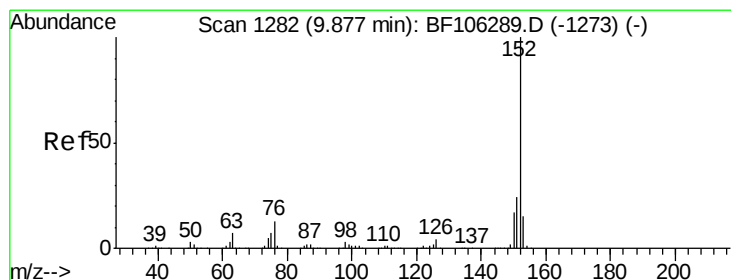
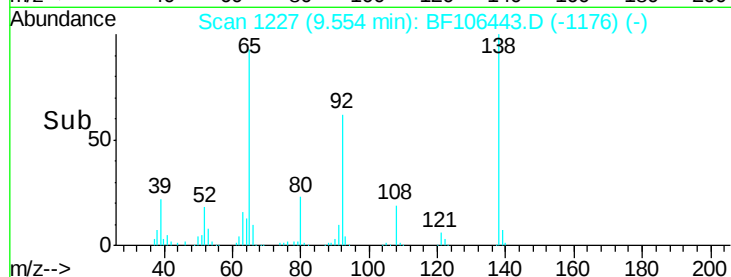
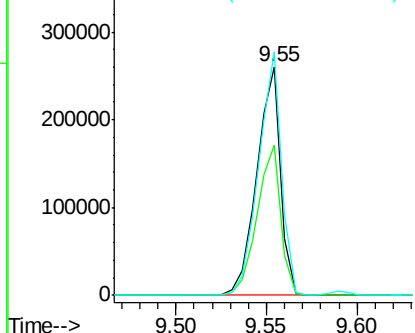
#47
2-Nitroaniline
Concen: 52.433 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 236040
Ion Ratio Lower Upper
65 100
92 65.8 55.8 83.6
138 106.7 91.2 136.8

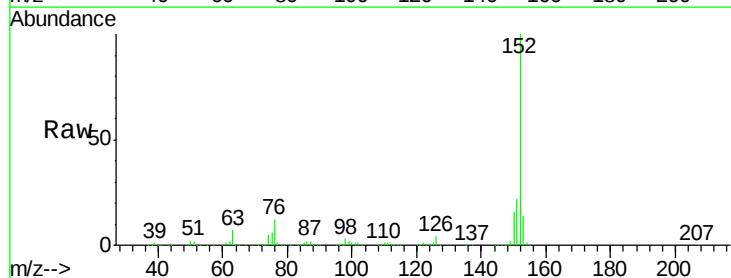


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

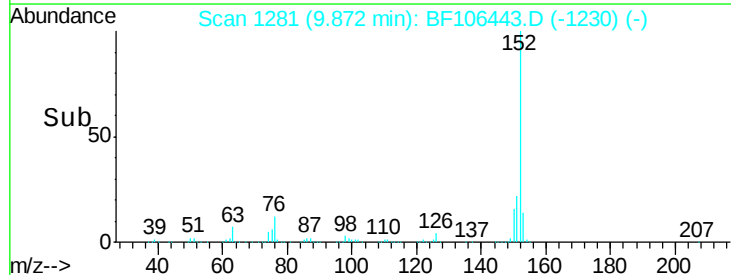
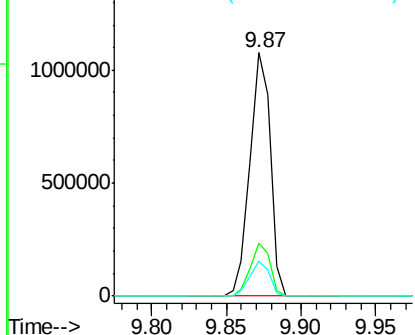


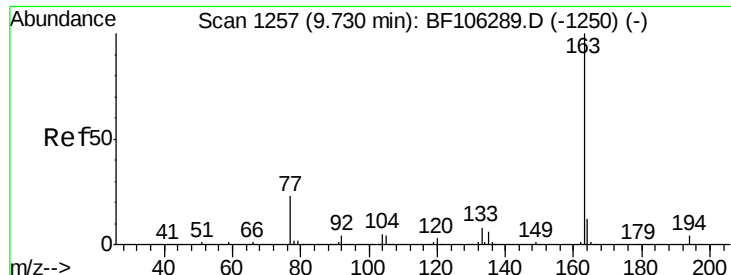
#48
Acenaphthylene
Concen: 46.422 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 152 Resp: 1016804
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.1 10.7 16.1



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

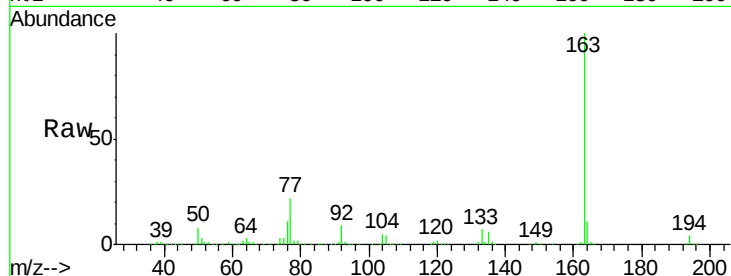




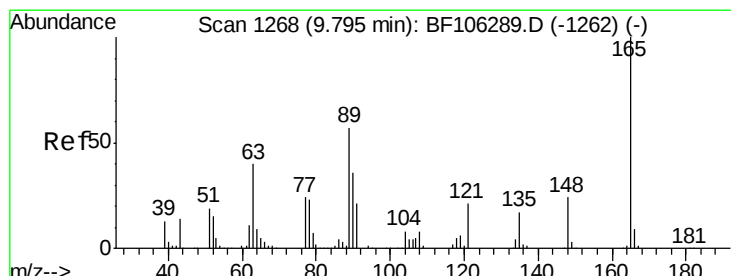
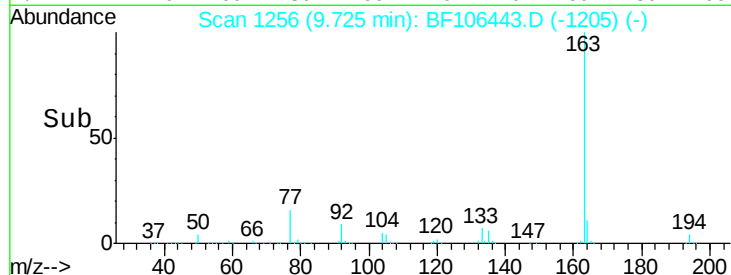
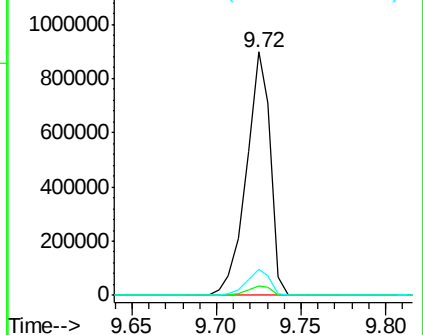
#49
Dimethylphthalate
Concen: 53.693 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 885619
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.6 8.2 12.2

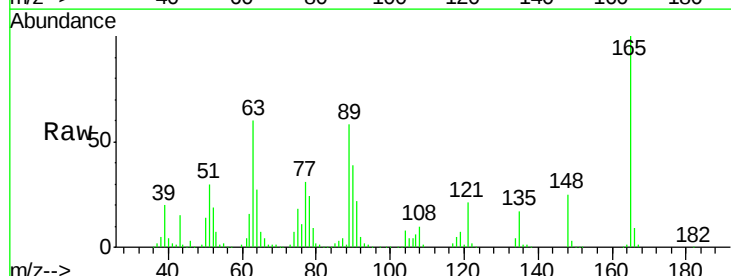


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

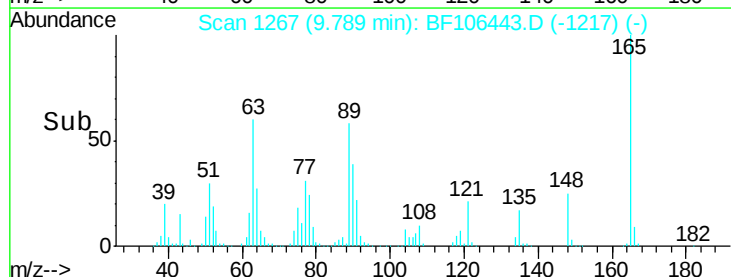
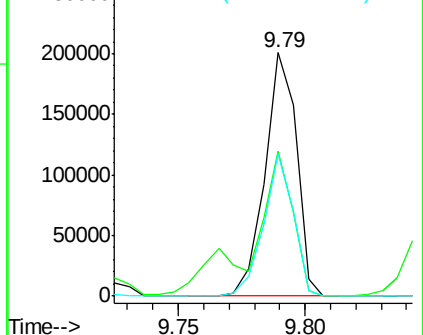


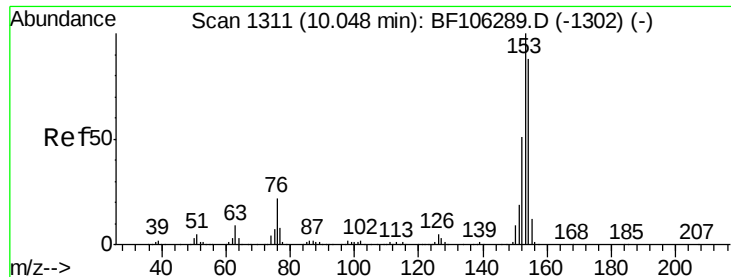
#50
2,6-Dinitrotoluene
Concen: 51.380 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:165 Resp: 173110
Ion Ratio Lower Upper
165 100
63 59.8 44.7 67.1
89 58.3 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: 44.007 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

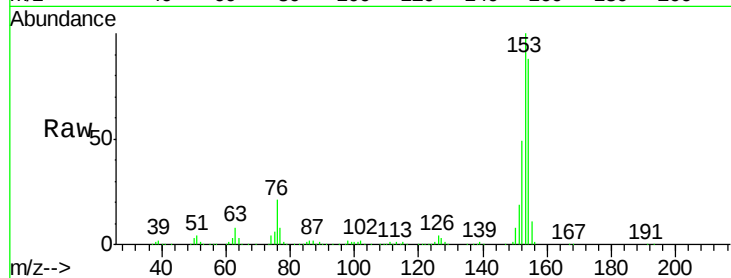
Tot Ion:154 Resp: 622496

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

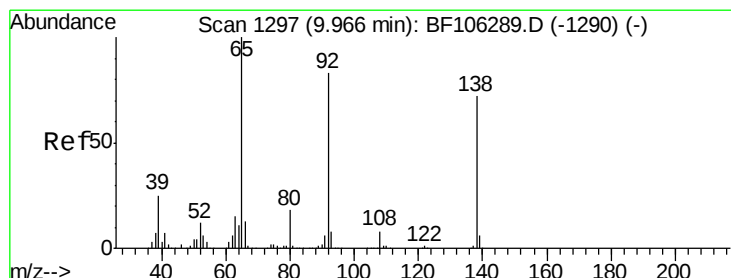
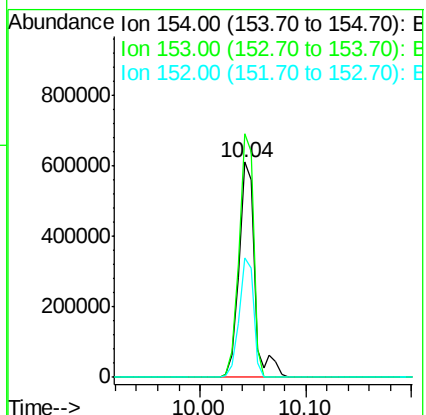
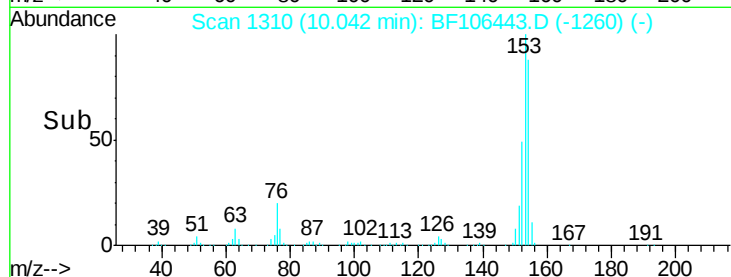
152 55.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.504 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

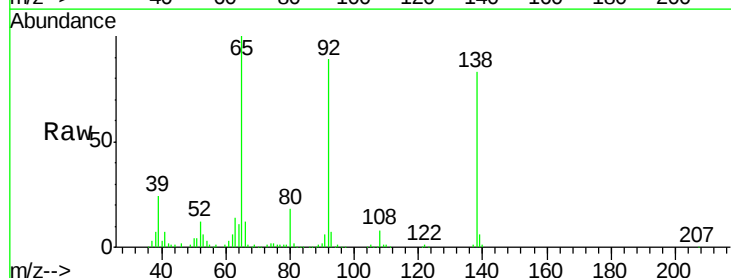
Tgt Ion:138 Resp: 145976

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

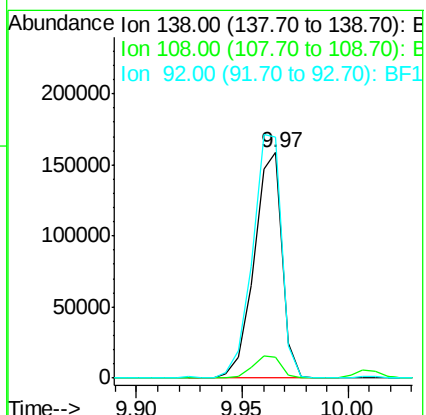
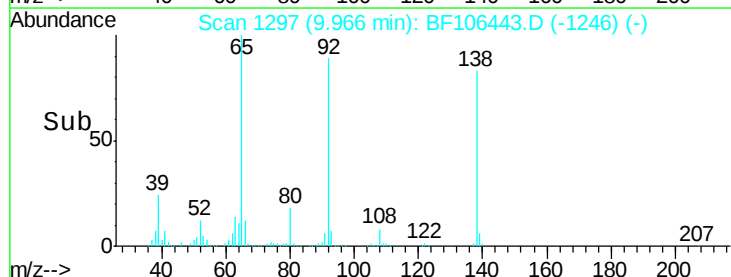
92 107.2 89.4 134.2

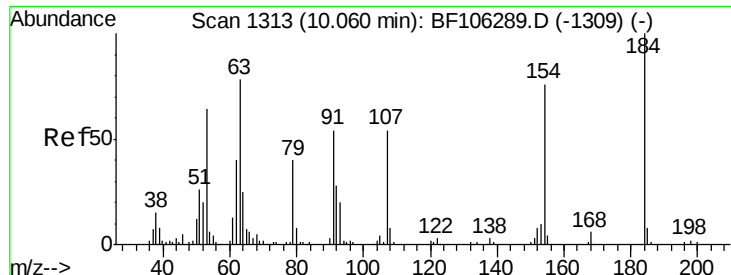


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

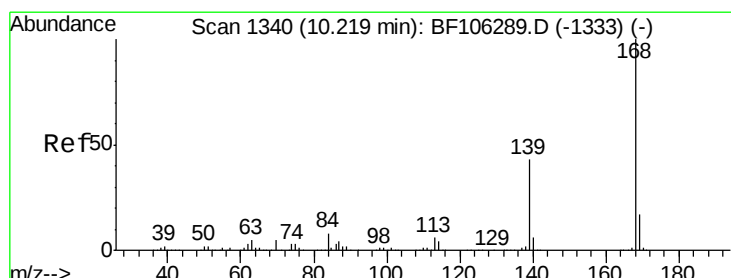
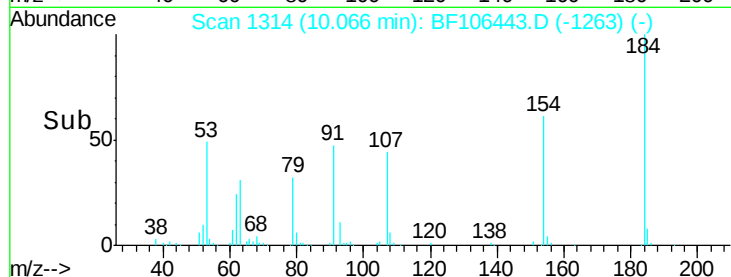
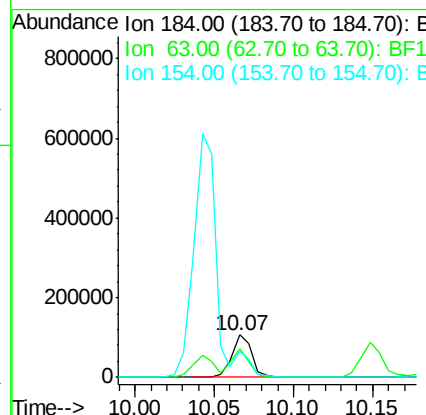
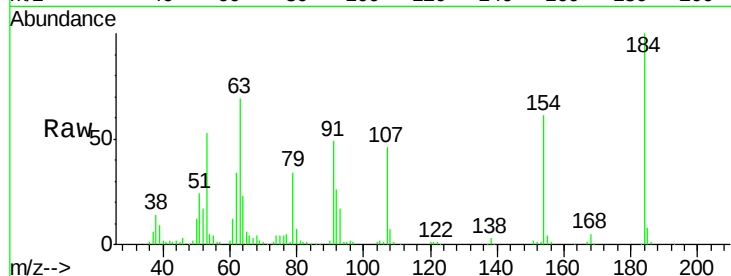




#53
2,4-Dinitrophenol
Concen: 63.045 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

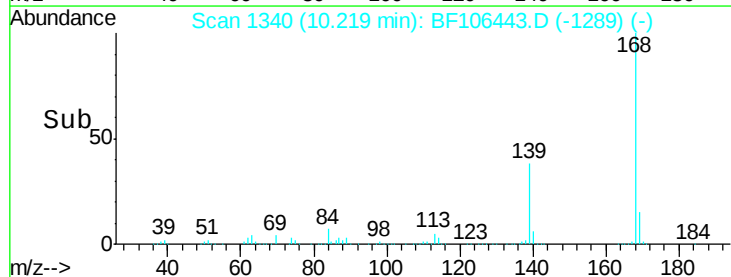
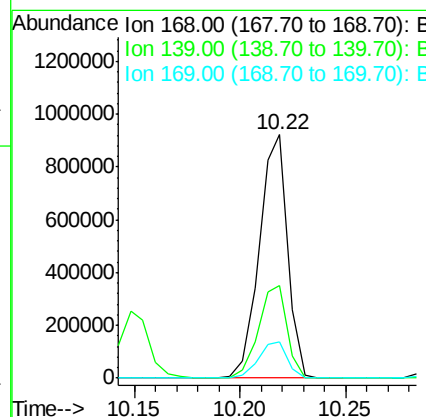
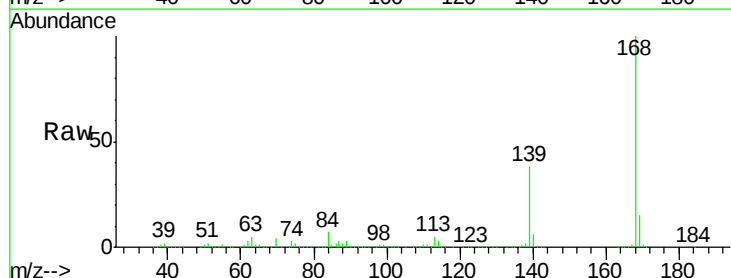
Instrument :
BNA_F
ClientSampleId :

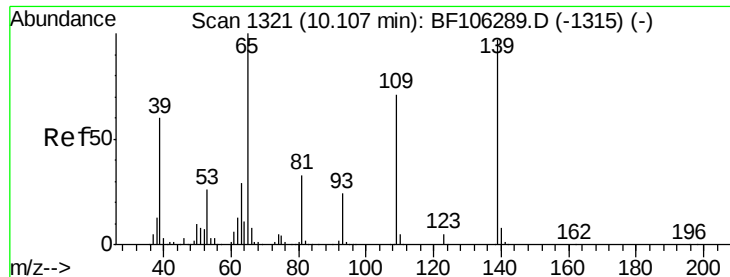
Tot Ion:184 Resp: 94359
Ion Ratio Lower Upper
184 100
63 68.5 54.2 81.2
154 61.2 184.0 276.0#



#54
Dibenzofuran
Concen: 45.018 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:168 Resp: 857511
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 14.7 10.9 16.3

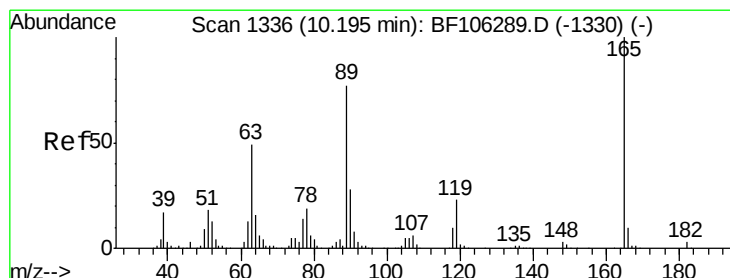
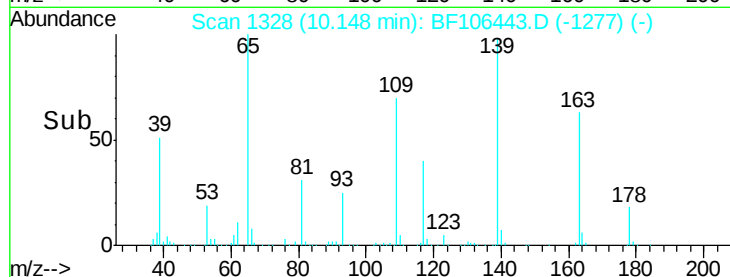
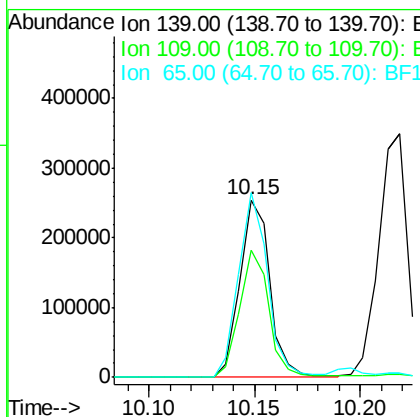
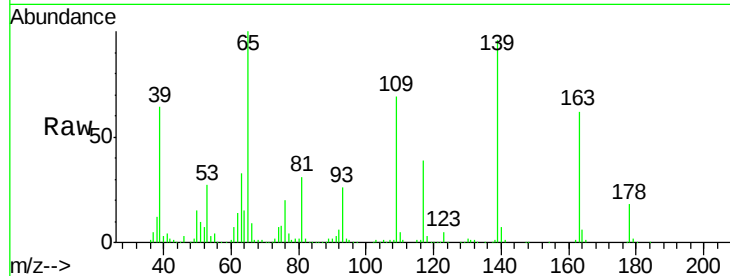




#55
4-Nitrophenol
Concen: 81.608 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

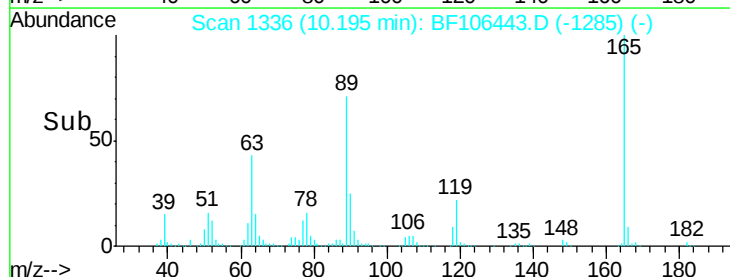
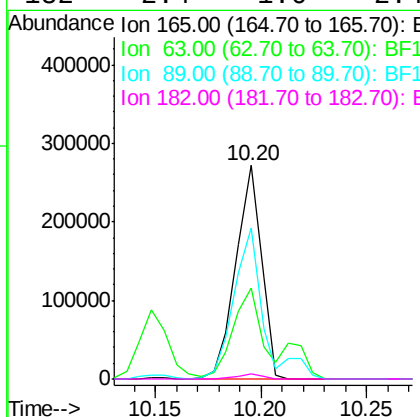
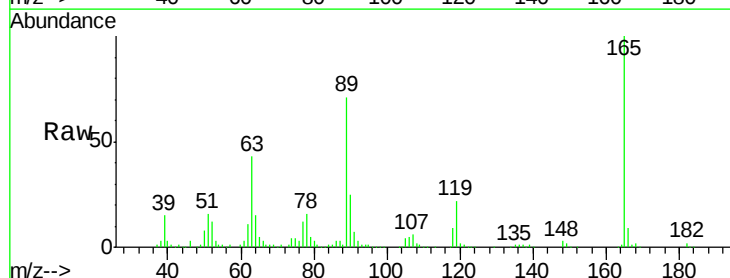
Instrument :
BNA_F
ClientSampleId :

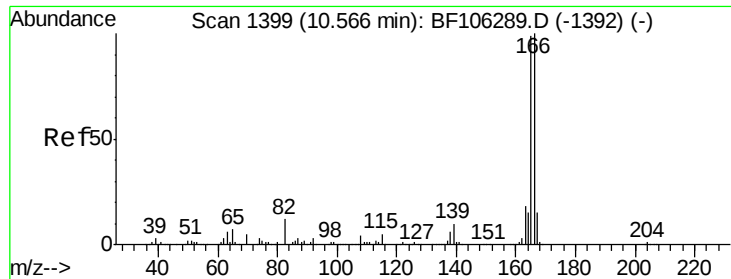
Tot Ion:139 Resp: 250136
Ion Ratio Lower Upper
139 100
109 71.8 48.4 88.4
65 104.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 54.043 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:165 Resp: 228650
Ion Ratio Lower Upper
165 100
63 42.8 36.4 54.6
89 70.6 57.8 86.6
182 2.4 1.6 2.4

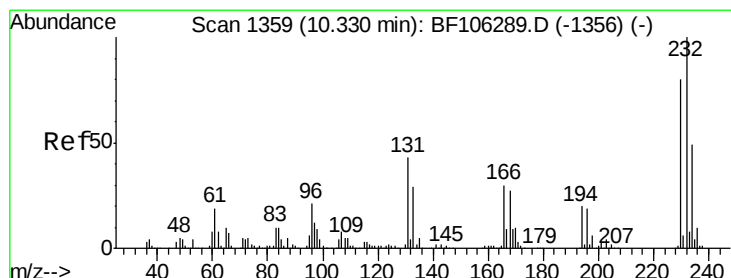
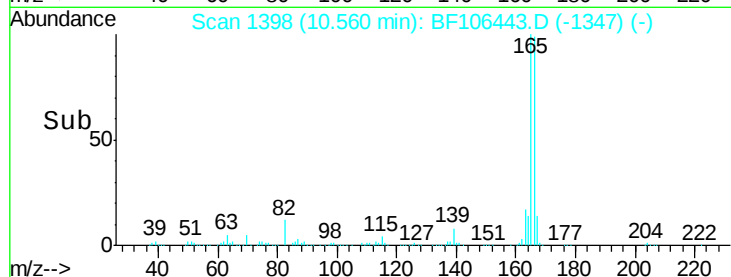
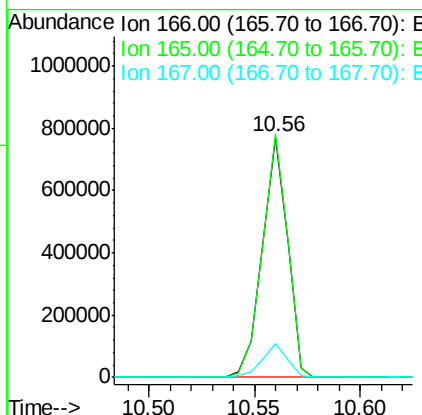
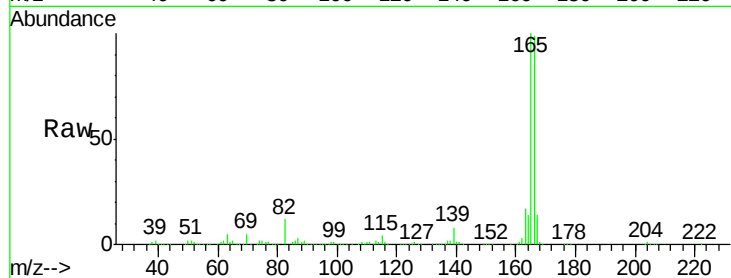




#57
 Fluorene
 Concen: 42.852 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

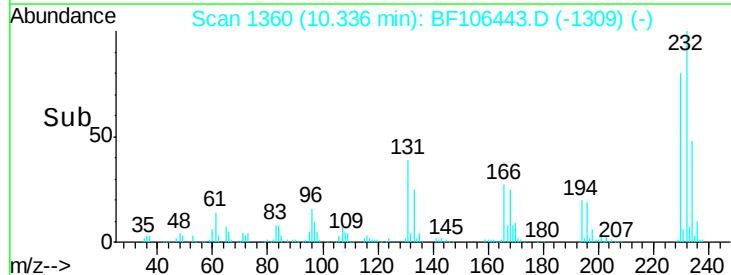
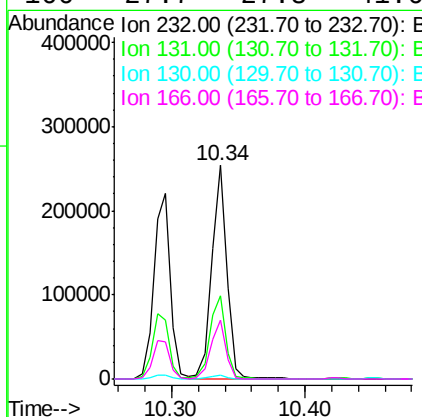
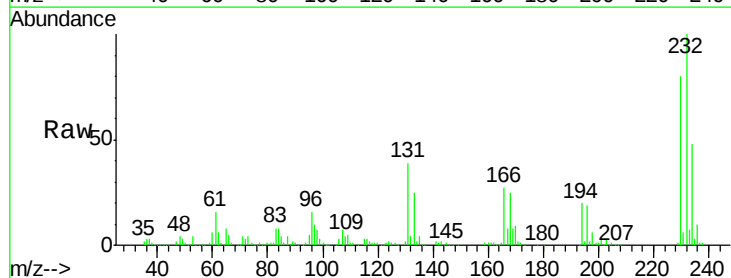
Instrument :
 BNA_F
 ClientSampled :

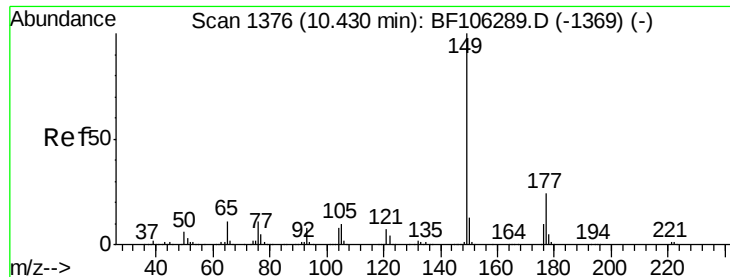
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.8	119.8
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.490 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.7	43.8	65.8#
130	1.9	2.1	3.1#
166	27.7	27.8	41.6#

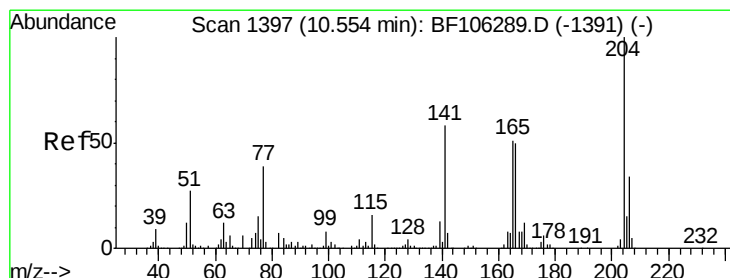
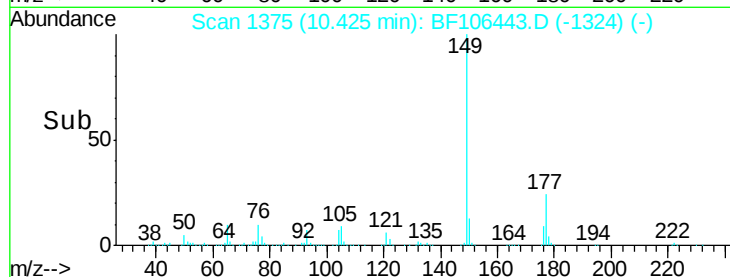
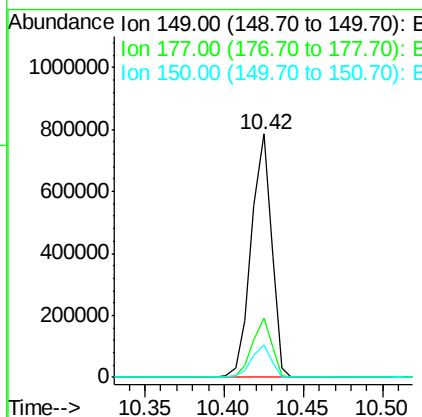
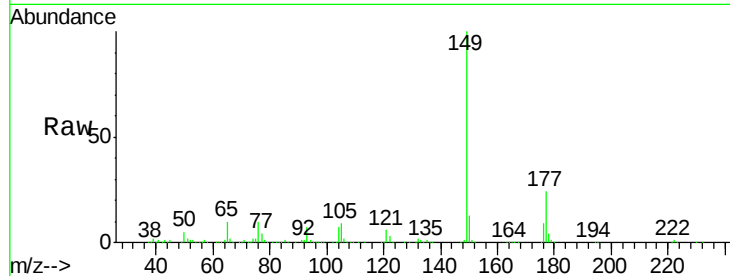




#59
Diethylphthalate
Concen: 42.787 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

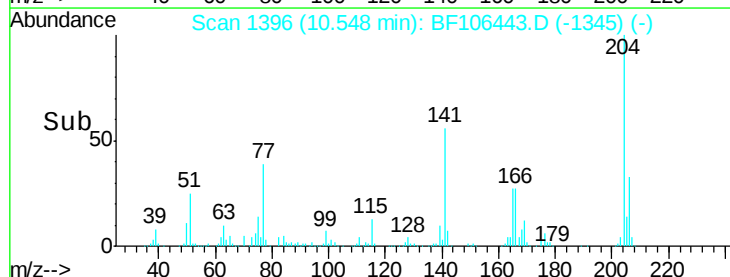
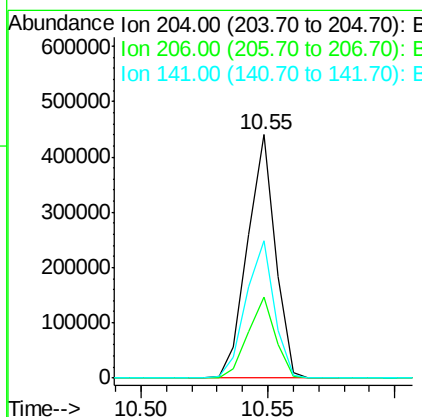
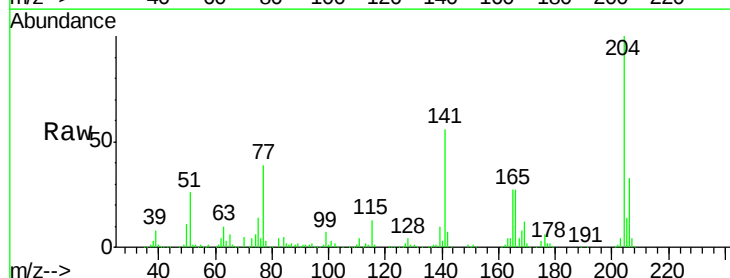
Instrument :
BNA_F
ClientSampled :

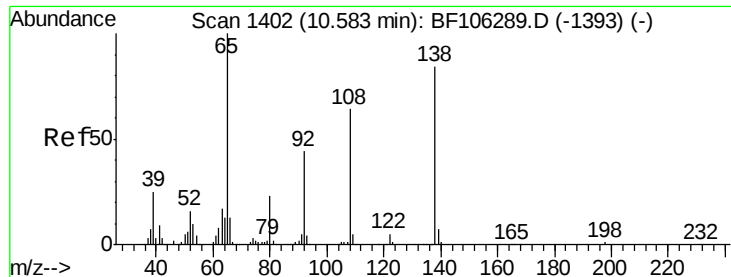
Tot Ion:149 Resp: 700484
Ion Ratio Lower Upper
149 100
177 24.1 16.1 24.1#
150 13.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.419 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:204 Resp: 336707
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 56.2 54.6 81.8

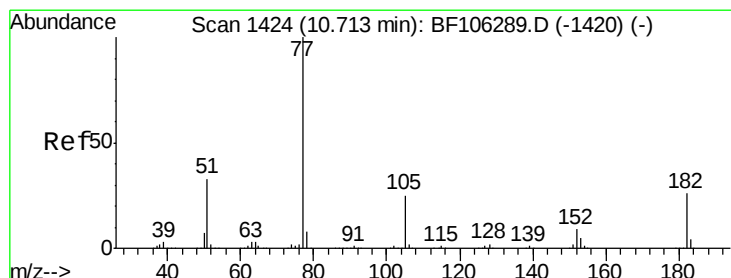
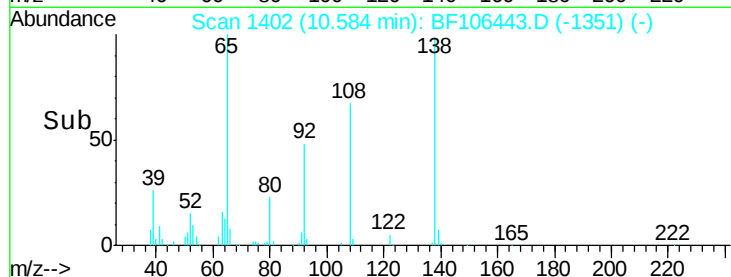
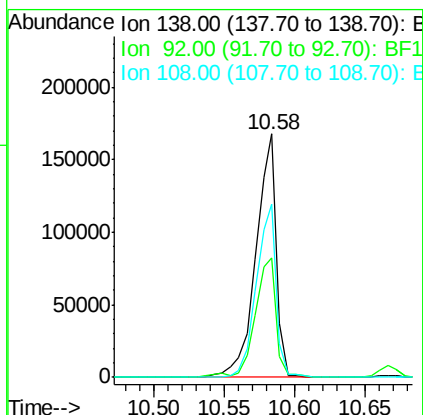
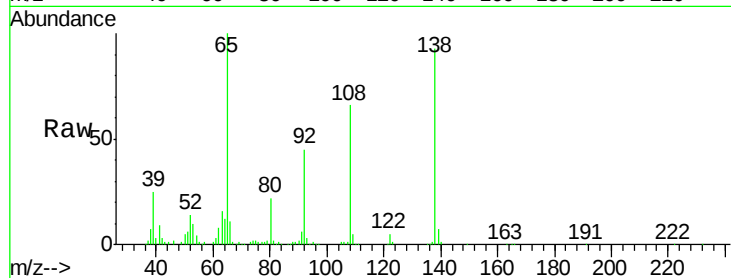




#61
4-Nitroaniline
Concen: 43.940 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

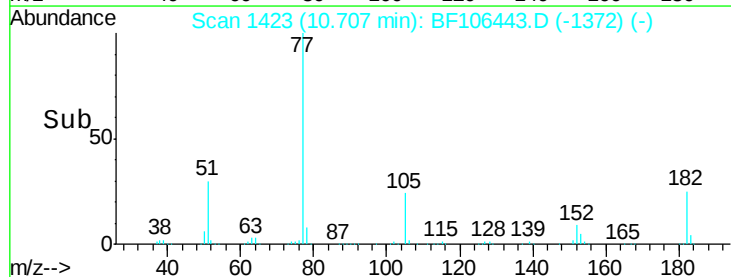
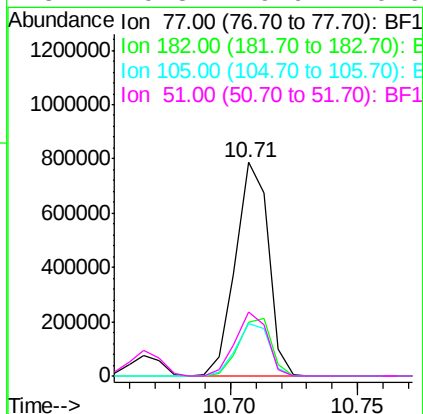
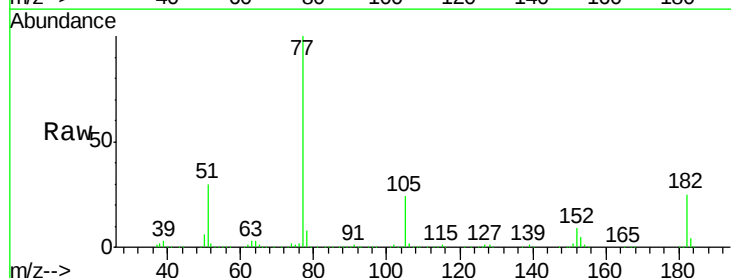
Instrument :
BNA_F
ClientSampled :

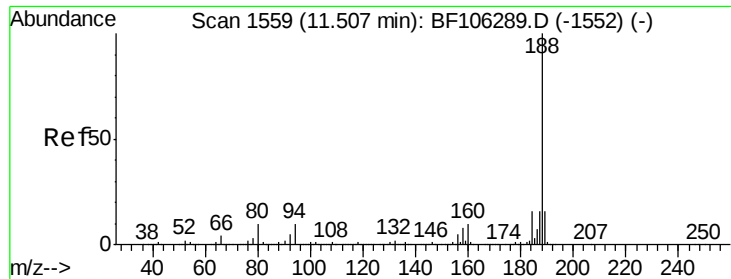
Tot Ion:138 Resp: 170956
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 70.9 52.5 92.5



#62
Azobenzene
Concen: 41.532 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 77 Resp: 708991
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 24.3 3.0 43.0
51 29.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

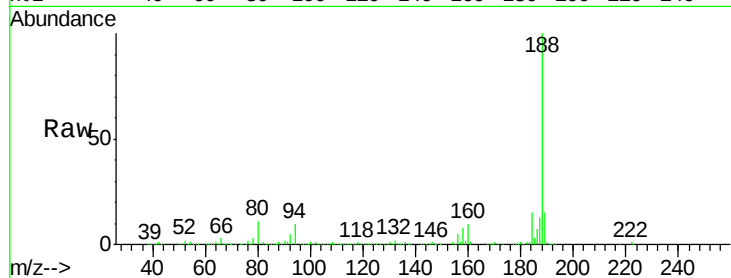
Tot Ion:188 Resp: 389069

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

80 10.7 9.2 13.8



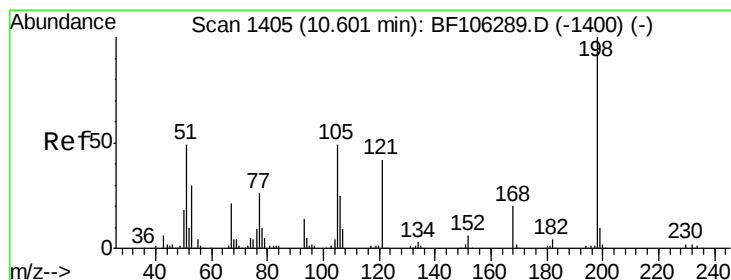
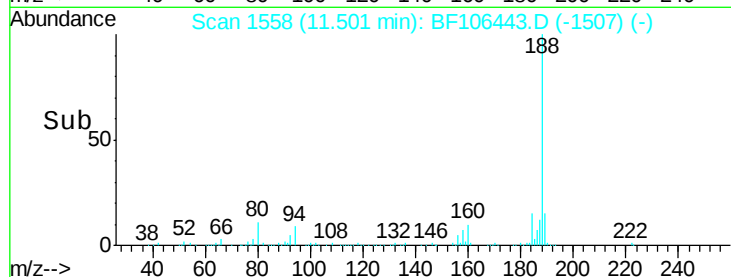
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.50

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.370 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

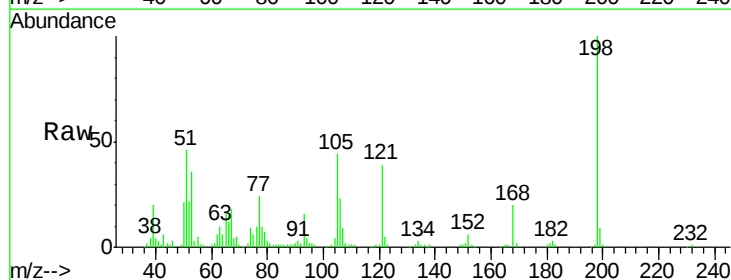
Tgt Ion:198 Resp: 79898

Ion Ratio Lower Upper

198 100

51 45.9 37.7 77.7

105 44.4 36.3 76.3



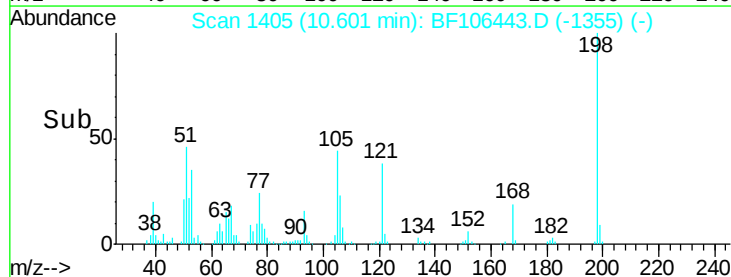
Abundance Ion 198.00 (197.70 to 198.70): E

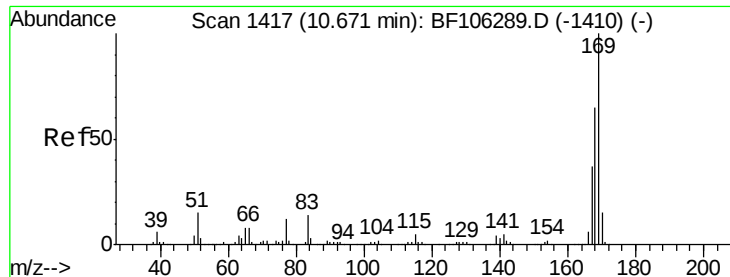
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 47.606 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

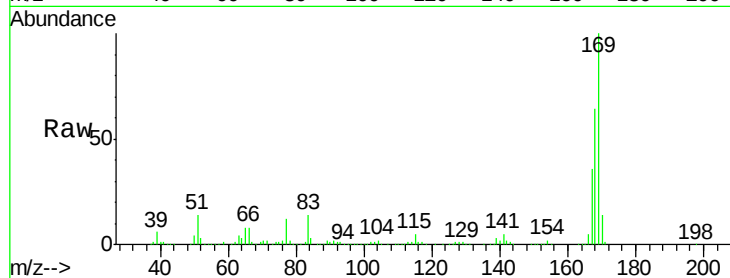
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 622499

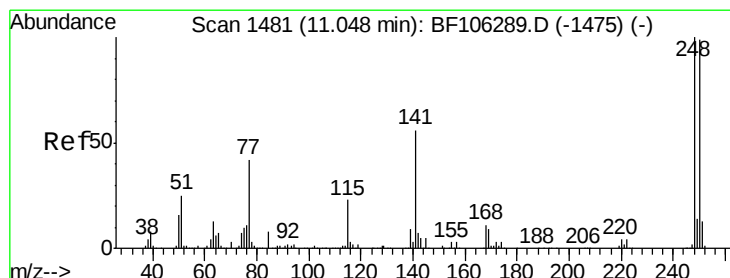
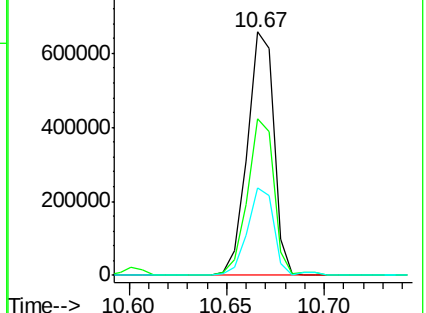
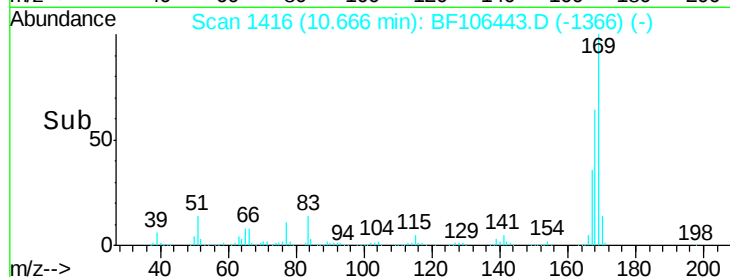
Ion	Ratio	Lower	Upper
169	100		
168	64.5	54.4	81.6
167	36.1	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.619 ng

RT: 11.04 min Scan# 1480

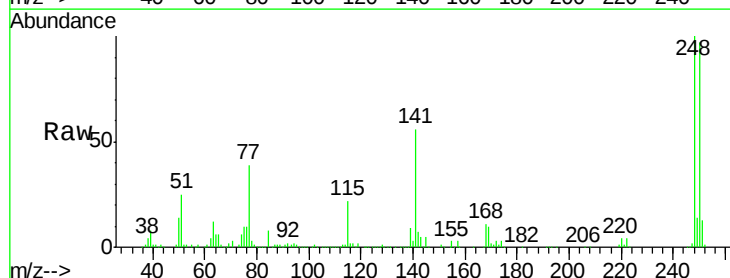
Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Tgt Ion:248 Resp: 223998

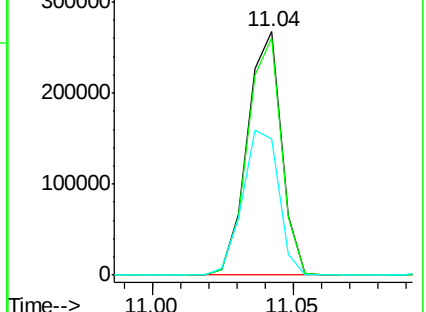
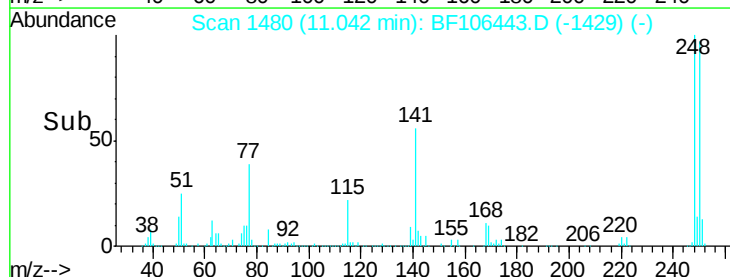
Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	55.8	74.4	111.6#

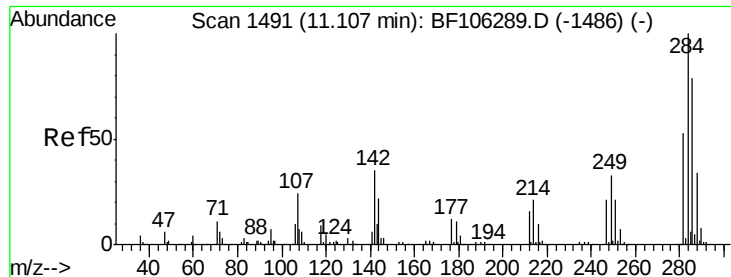


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.253 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

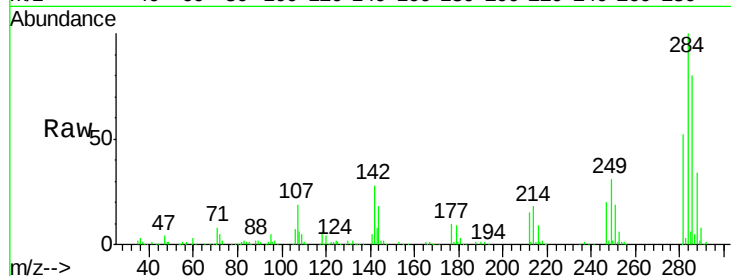
Tot Ion:284 Resp: 220138

Ion Ratio Lower Upper

284 100

142 28.1 34.6 52.0#

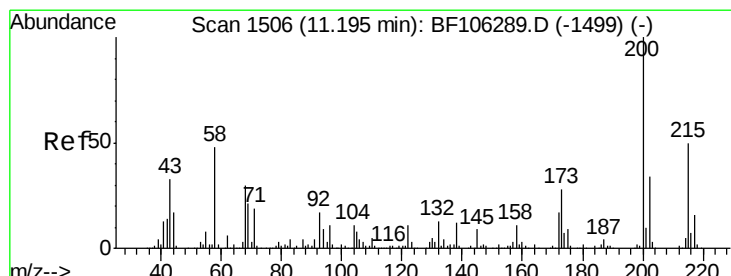
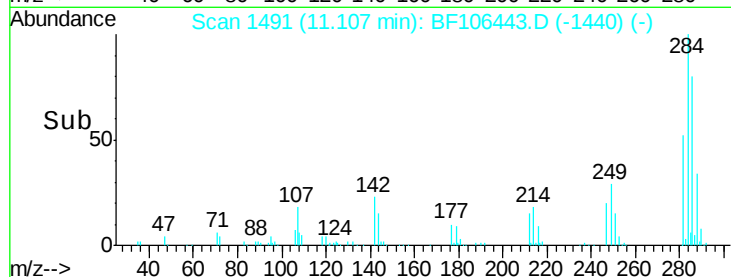
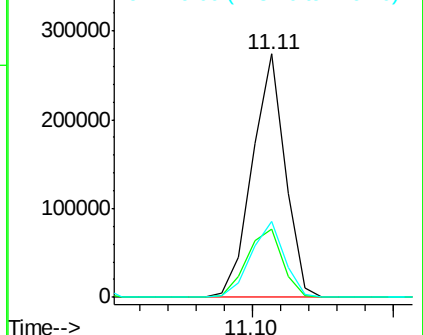
249 31.3 24.8 37.2



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: 49.023 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

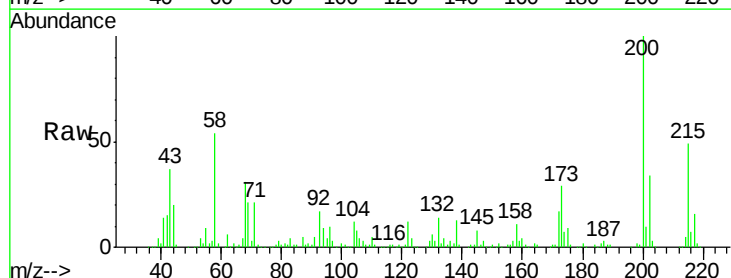
Tgt Ion:200 Resp: 197546

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

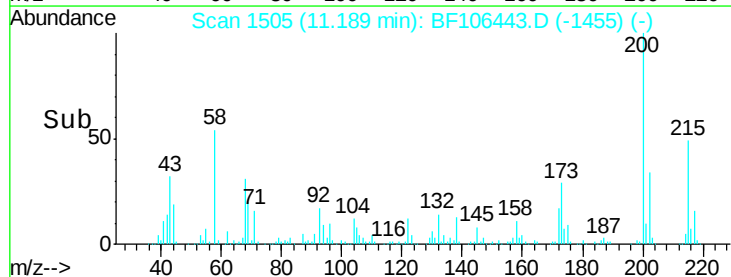
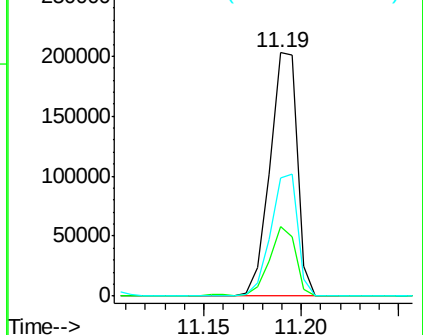
215 48.6 25.1 65.1

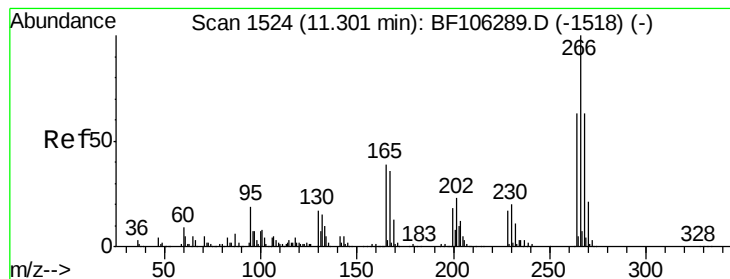


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 67.993 ng

RT: 11.31 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampled :

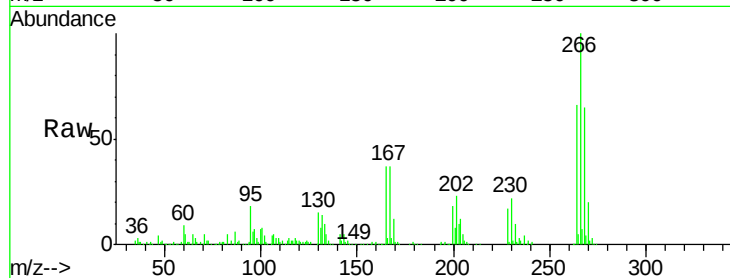
Tot Ion:266 Resp: 190978

Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

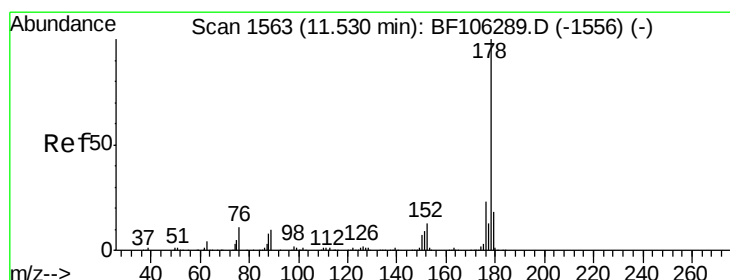
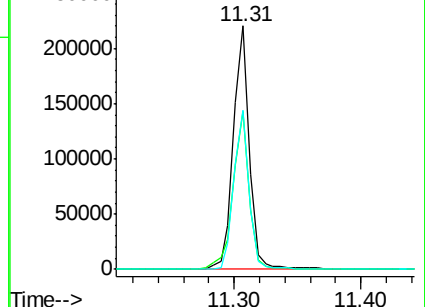
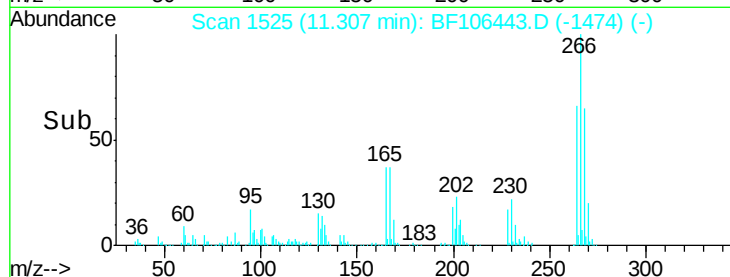
264 65.6 49.5 74.3



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: 45.844 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

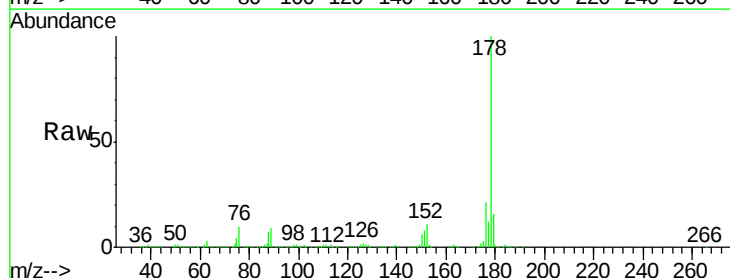
Tgt Ion:178 Resp: 873524

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

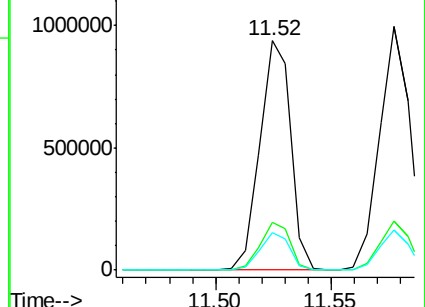
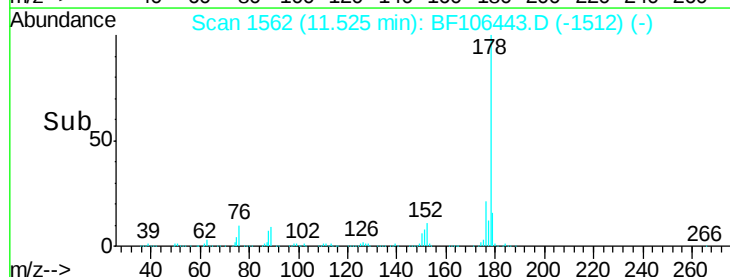
179 16.2 13.0 19.6

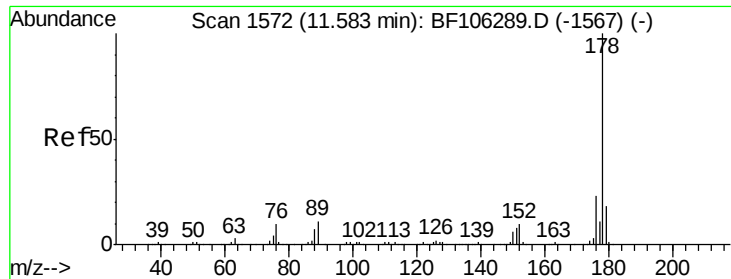


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

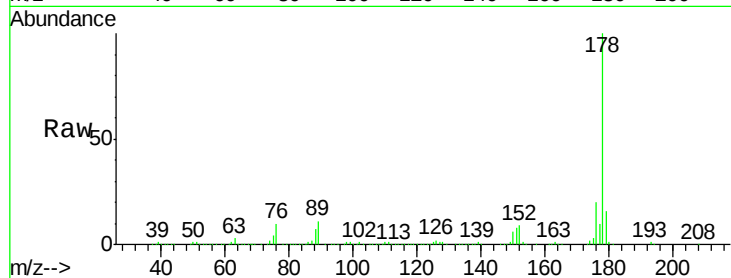




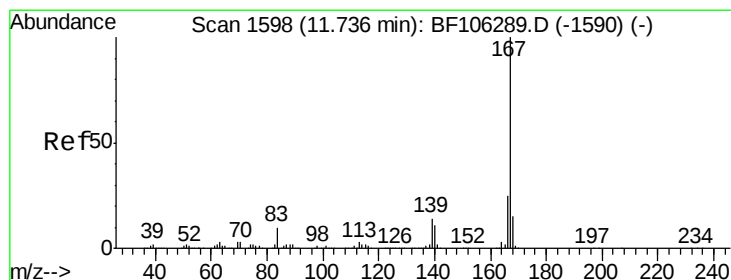
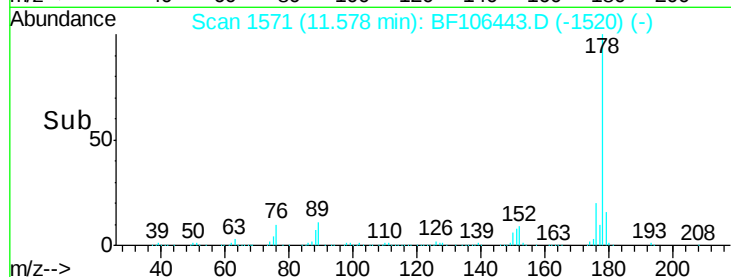
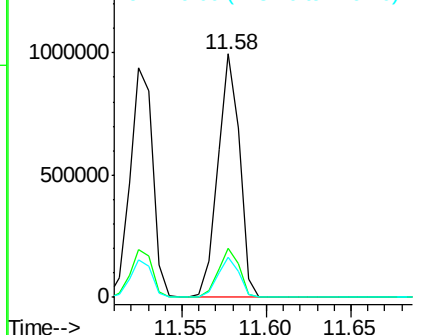
#71
 Anthracene
 Concen: 46.933 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.4	12.6	19.0

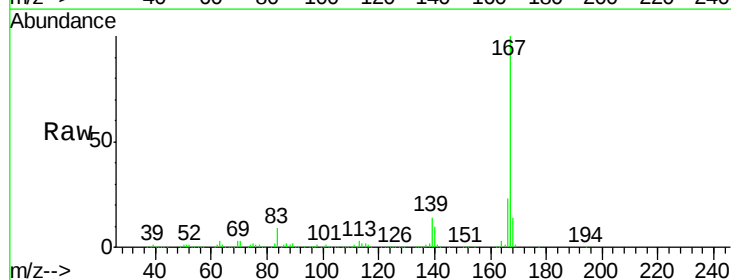


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

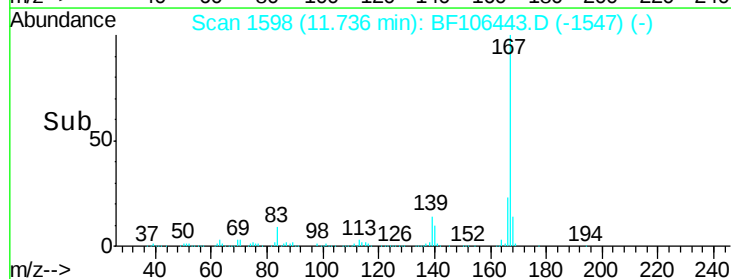
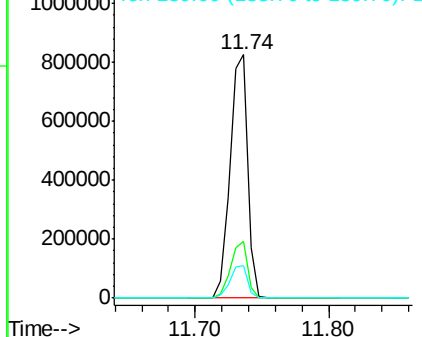


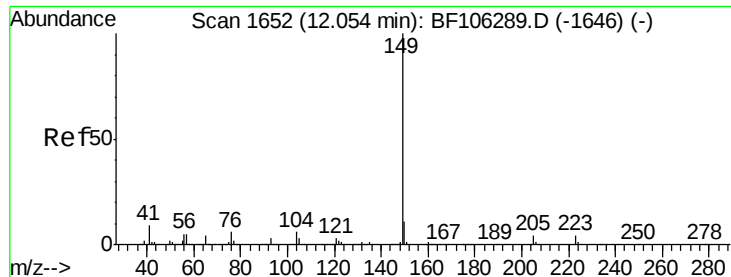
#72
 Carbazole
 Concen: 44.017 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.5	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: 45.895 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

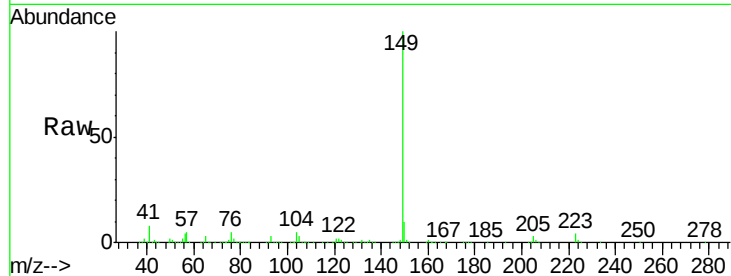
Tot Ion:149 Resp: 900172

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

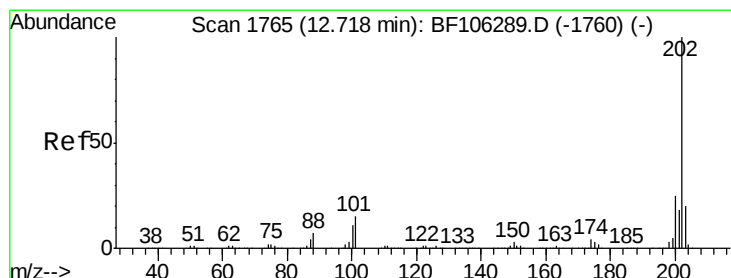
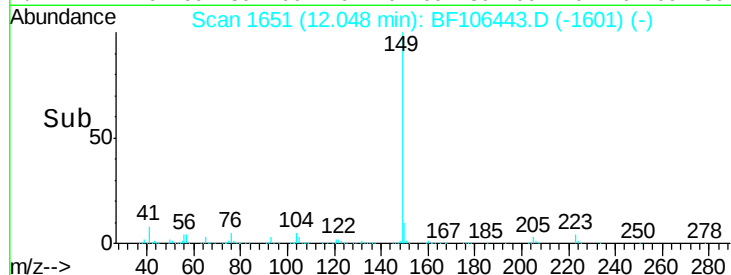
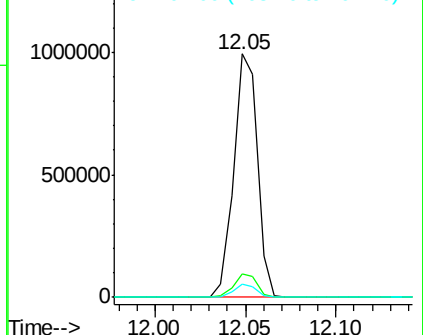
104 5.2 3.8 5.8



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: 40.588 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

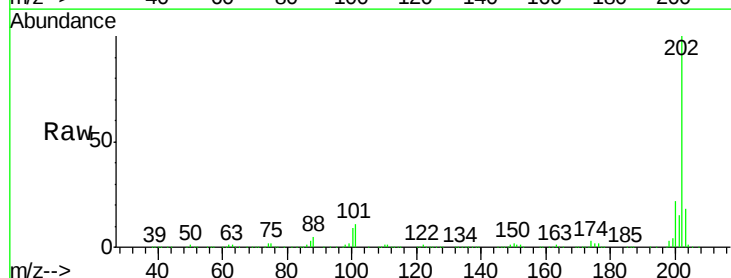
Tgt Ion:202 Resp: 824758

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

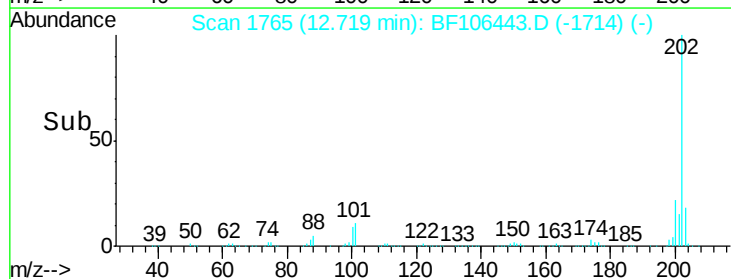
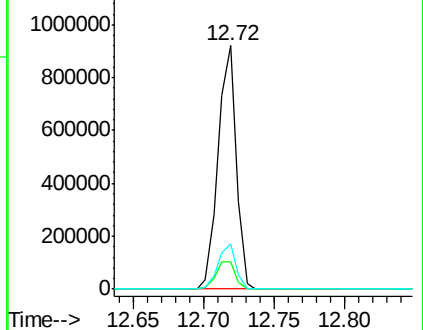
203 18.3 0.0 38.1

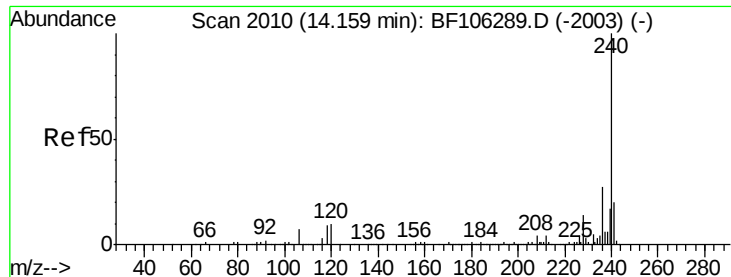


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

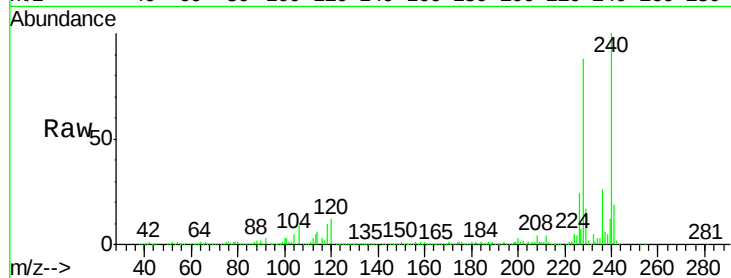
Tot Ion:240 Resp: 307293

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

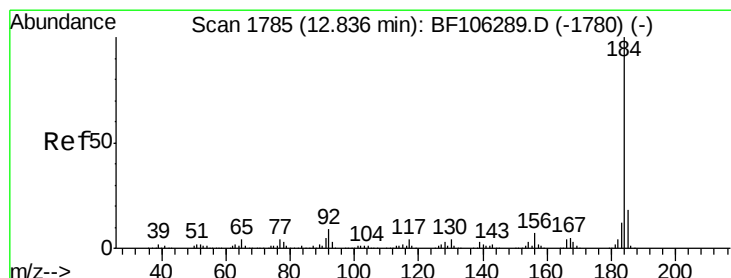
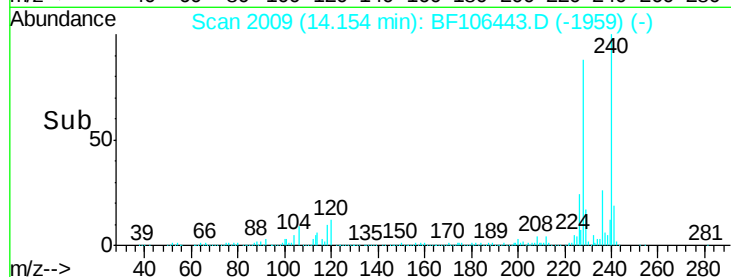
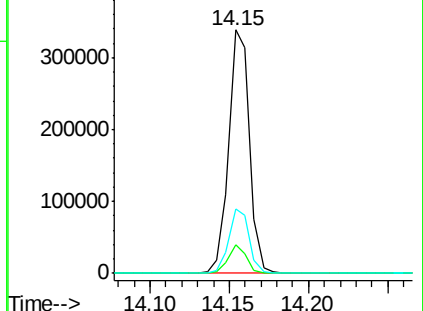
236 26.4 20.7 31.1



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: 29.108 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

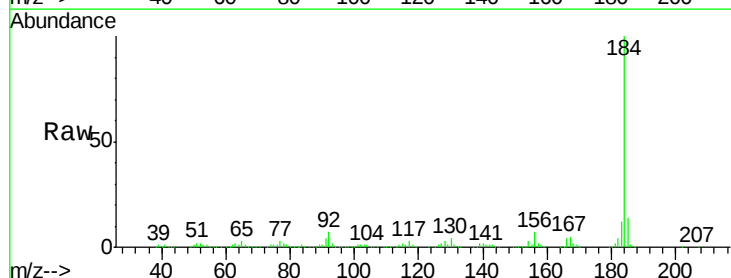
Tgt Ion:184 Resp: 297690

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

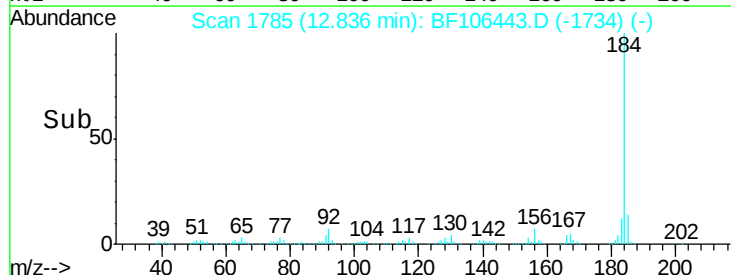
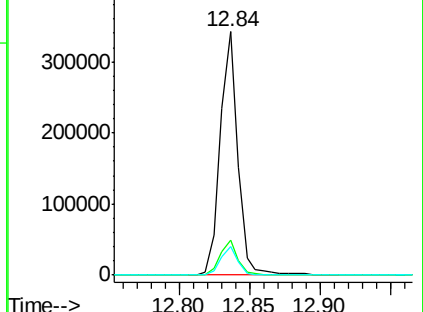
183 11.7 9.3 13.9

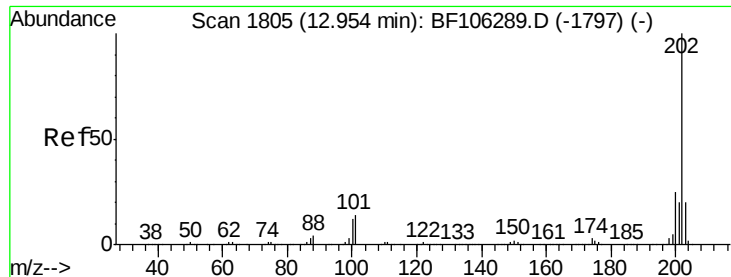


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

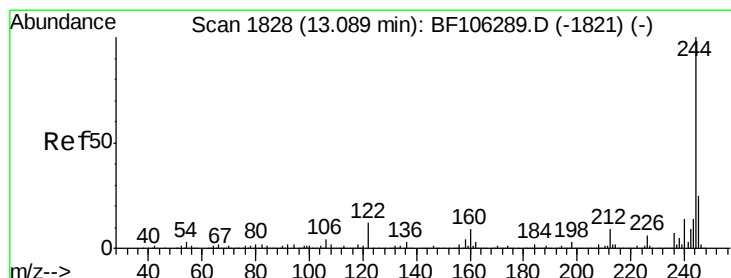
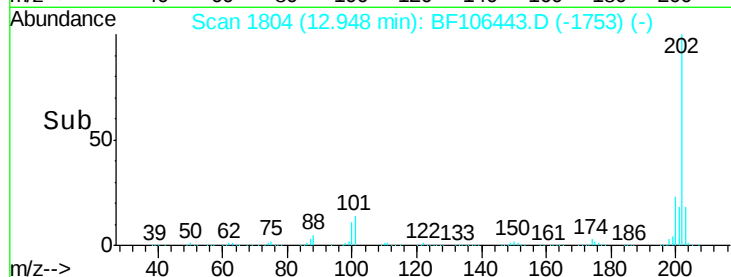
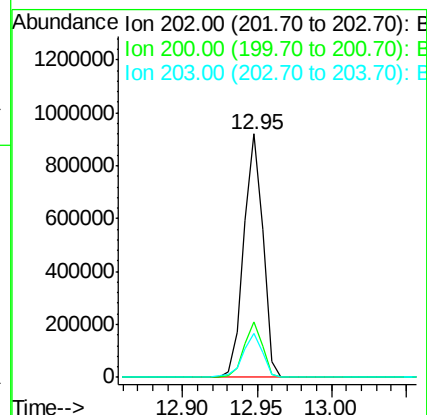
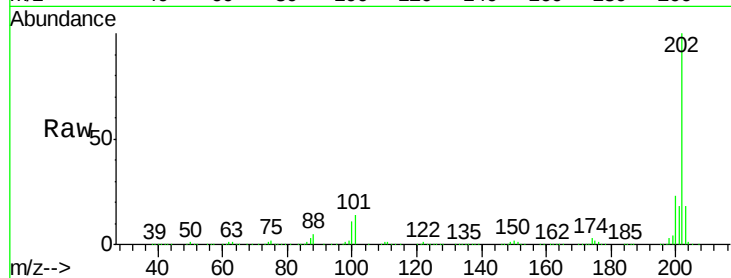




#77
Pvrene
Concen: 42.957 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

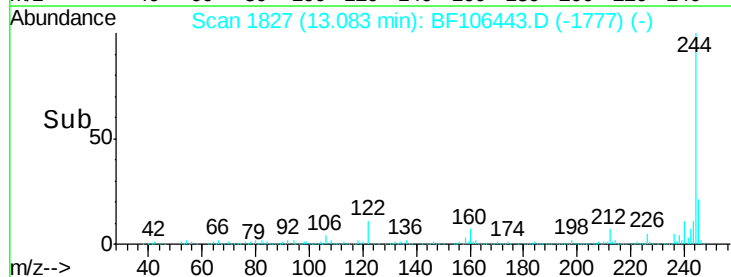
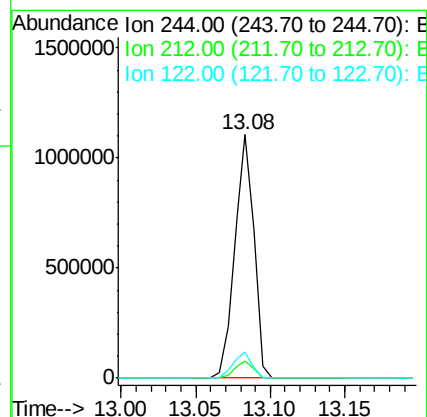
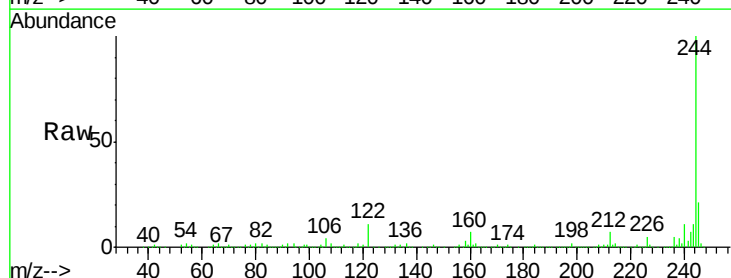
Instrument :
BNA_F
ClientSampleId :

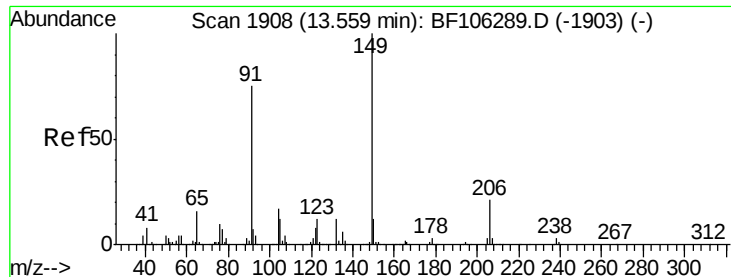
Tot Ion:202 Resp: 826430
Ion Ratio Lower Upper
202 100
200 22.9 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 81.409 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:244 Resp: 1007185
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.9 11.0 16.4#

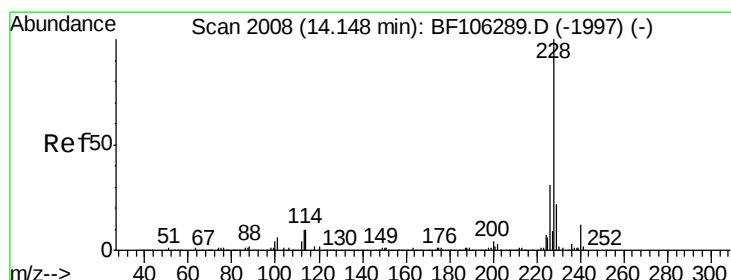
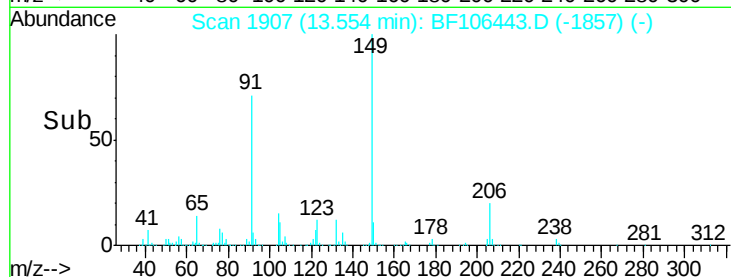
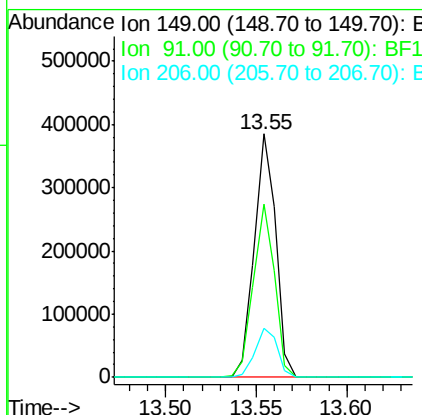
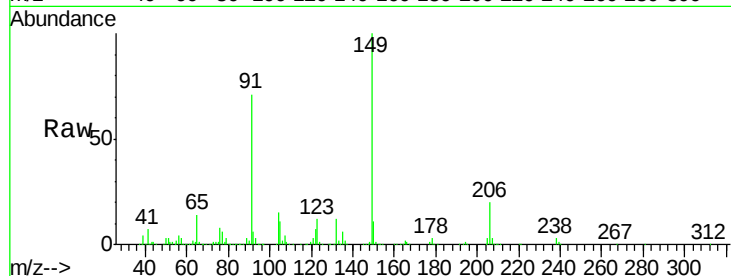




#79
Butylbenzylphthalate
Concen: 44.213 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

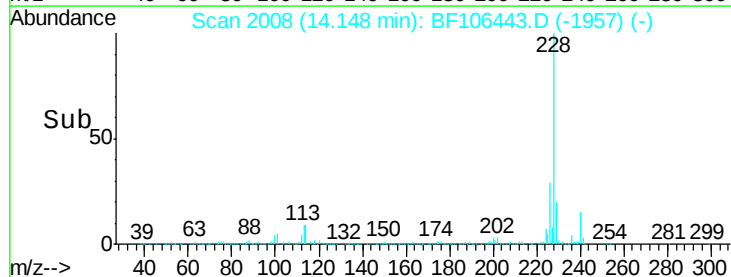
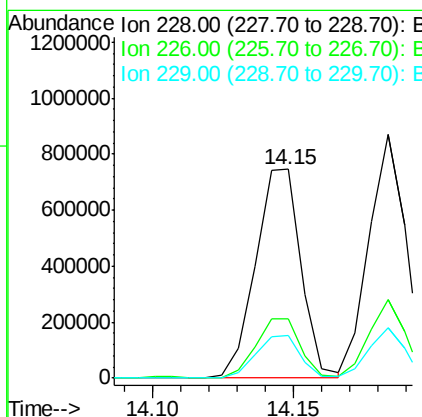
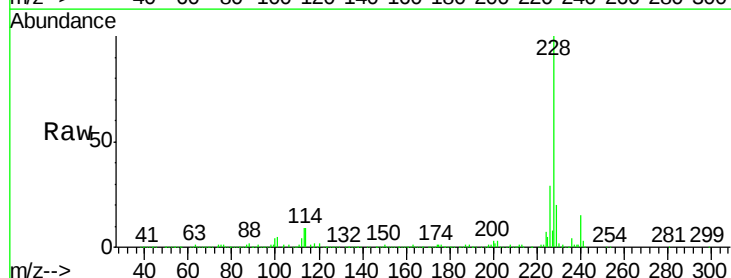
Instrument :
BNA_F
ClientSampleId :

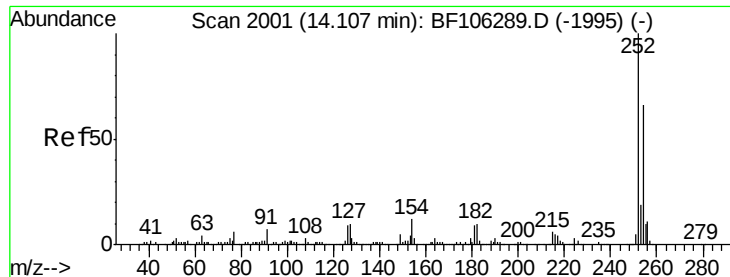
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	20.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 45.389 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.3	15.8	23.6

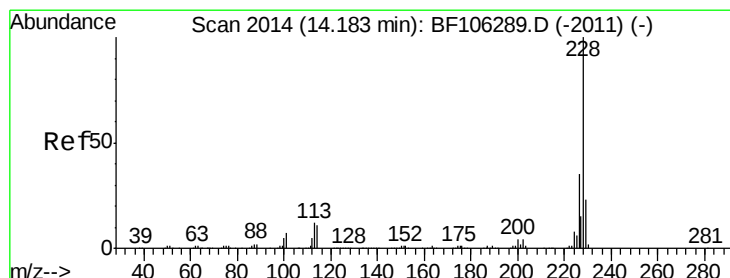
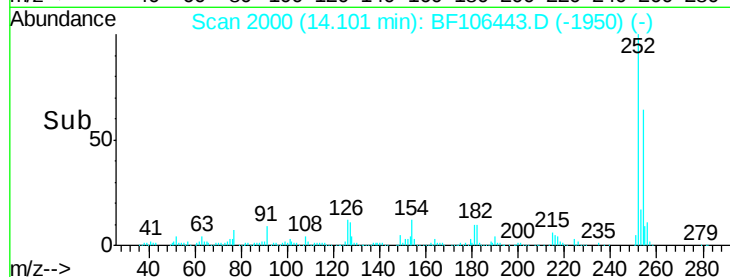
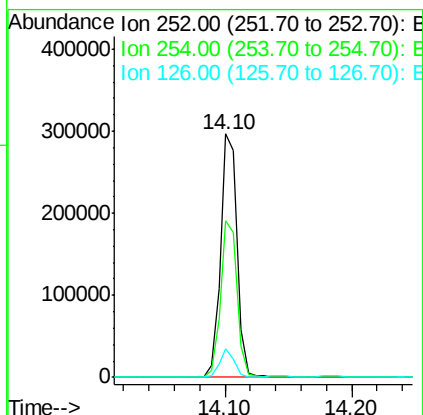
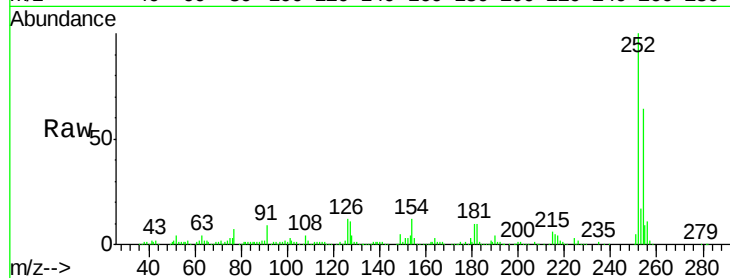




#81
 3,3'-Dichlorobenzidine
 Concen: 43.971 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

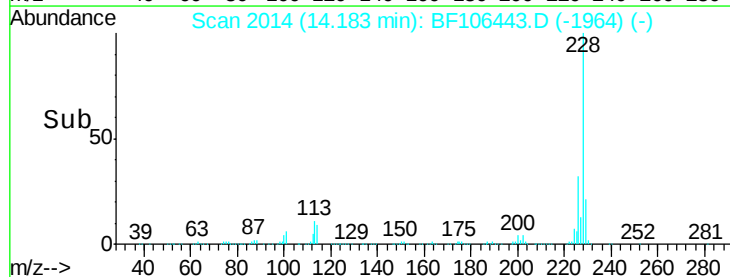
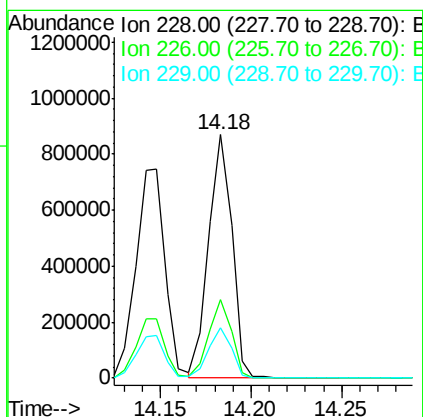
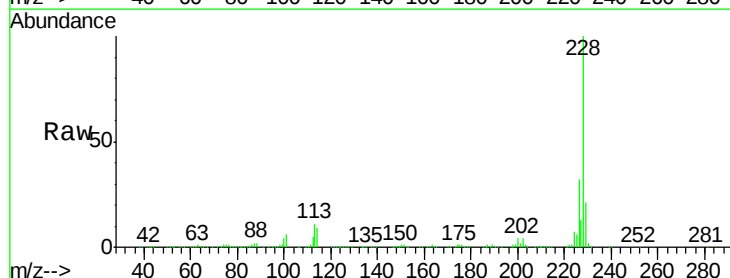
Instrument :
 BNA_F
 ClientSampleId :

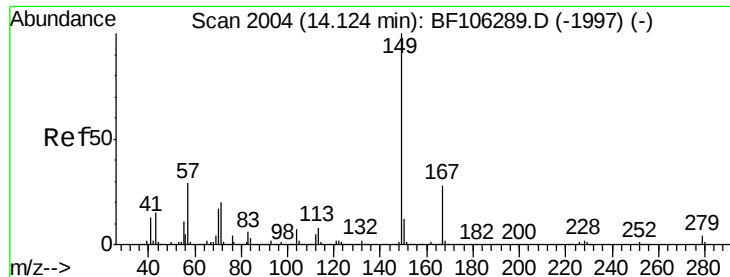
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	11.6	11.3	16.9



#82
 Chrysene
 Concen: 46.779 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.776 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

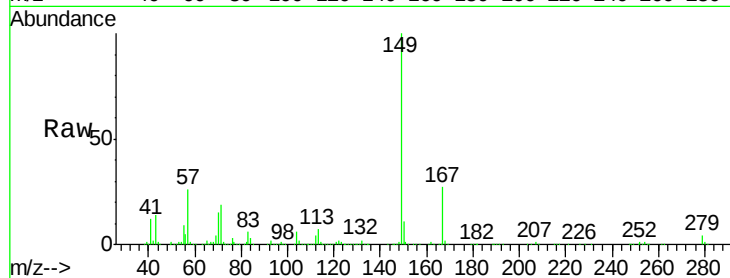
Tot Ion:149 Resp: 400382

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

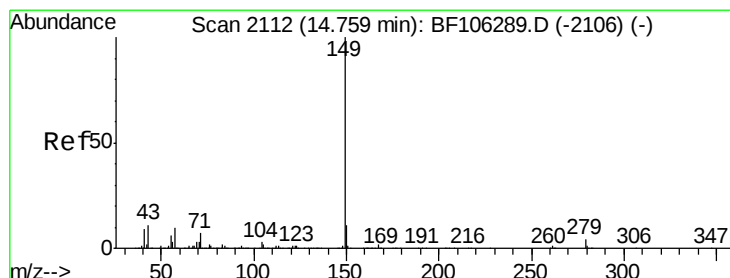
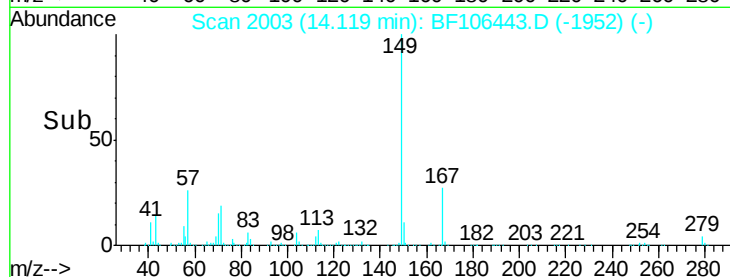
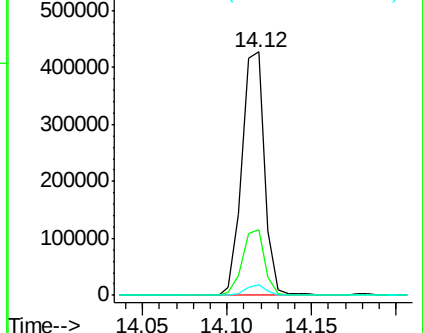
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.280 ng

RT: 14.75 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

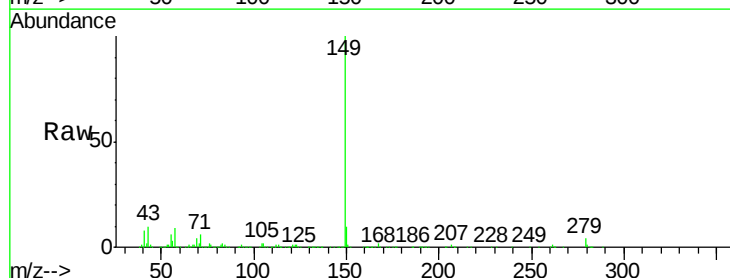
Tgt Ion:149 Resp: 703805

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

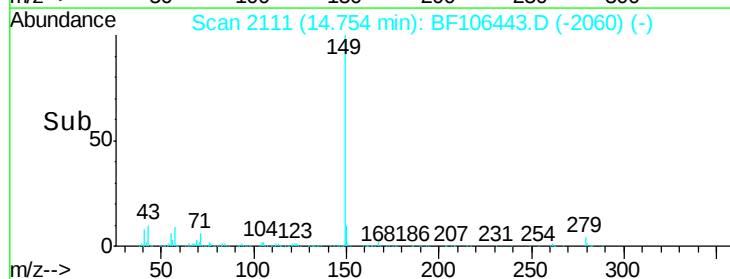
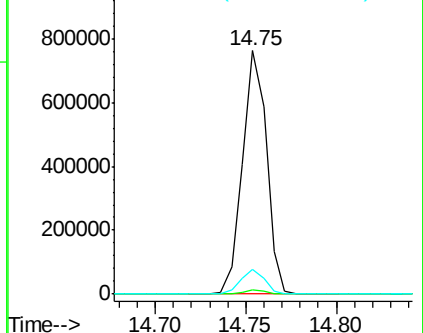
43 9.8 8.4 12.6

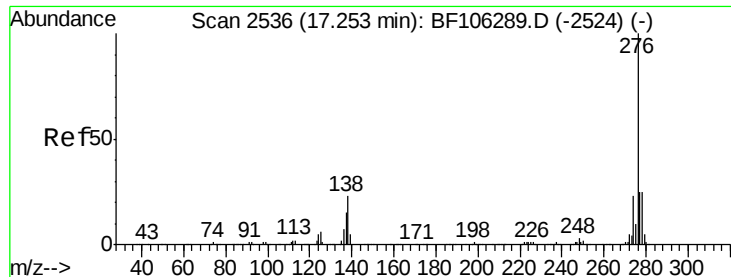


Abundance Ion 149.00 (148.70 to 149.70): E

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: 52.102 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

Instrument :

BNA_F

ClientSampleId :

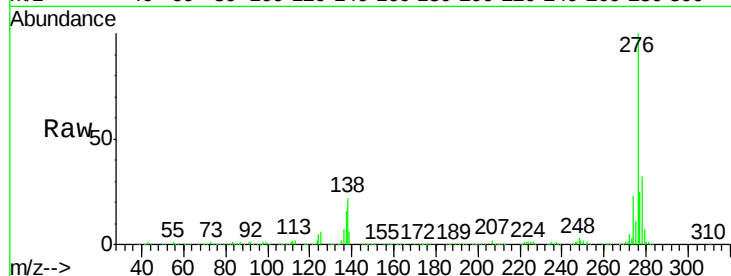
Tot Ion:276 Resp: 694241

Ion Ratio Lower Upper

276 100

138 24.9 25.0 37.6#

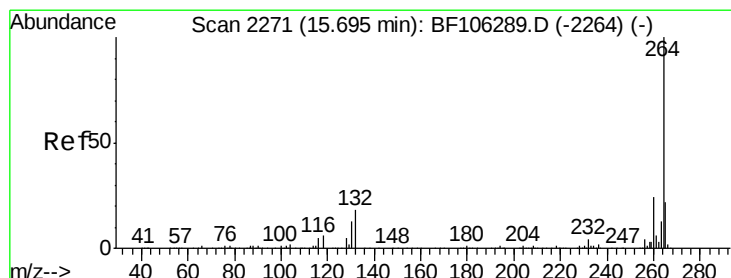
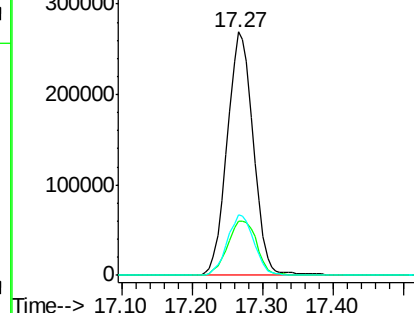
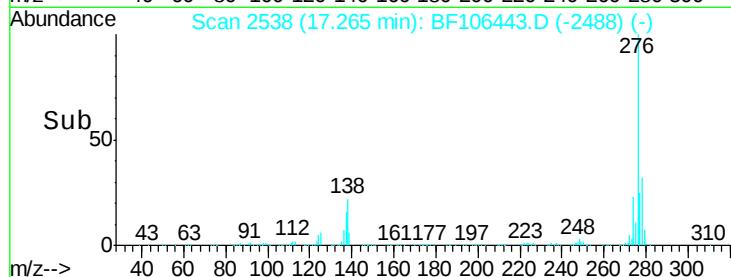
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF106443.D

Acq: 14 Jun 2018 15:43

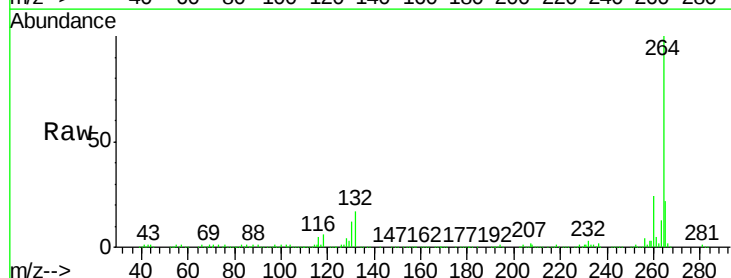
Tgt Ion:264 Resp: 320264

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

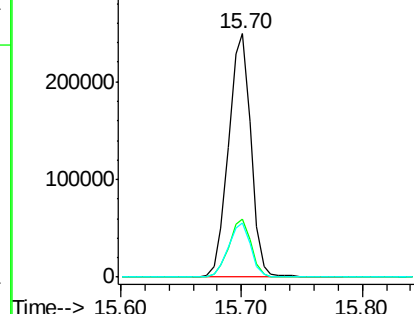
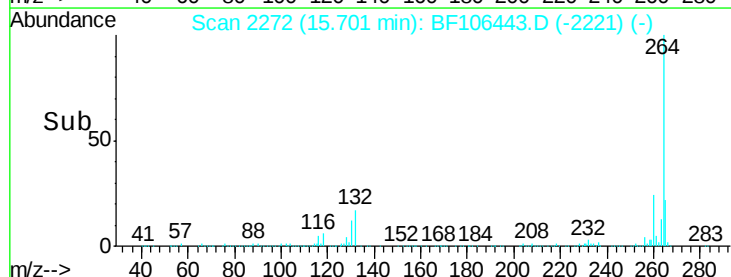
265 22.1 17.5 26.3

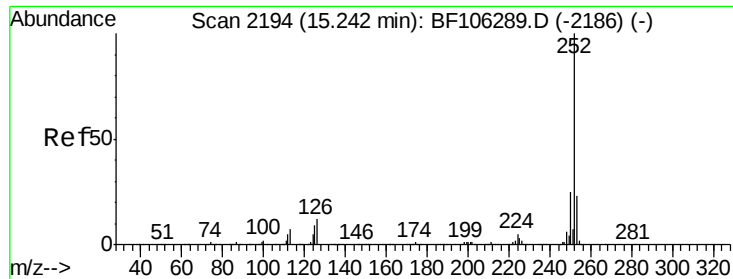


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

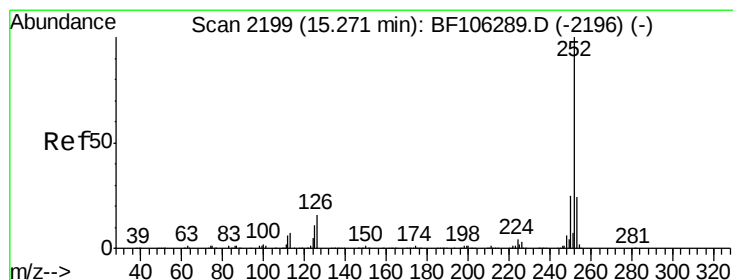
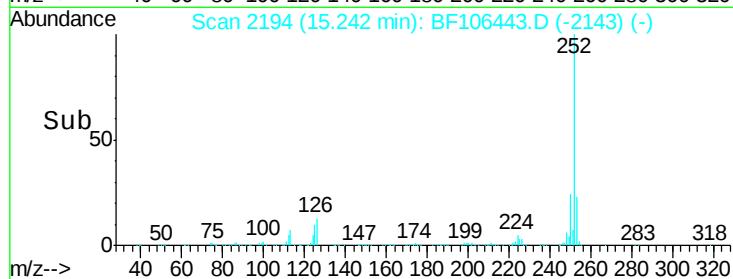
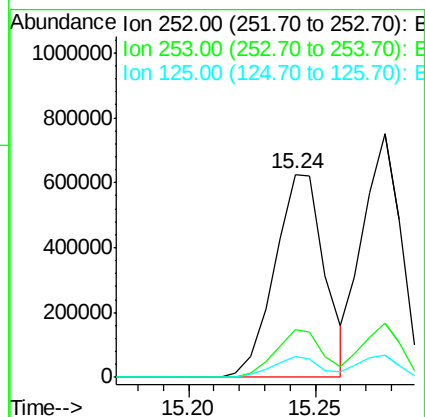
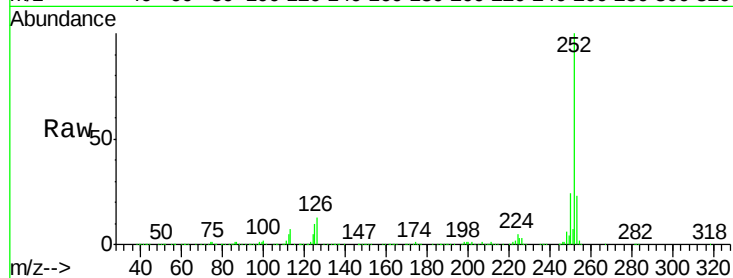




#87
Benzo(b)fluoranthene
Concen: 44.333 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

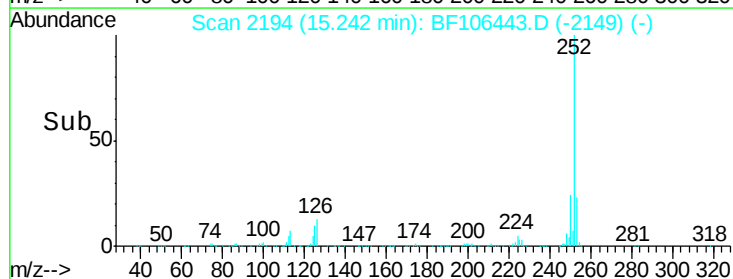
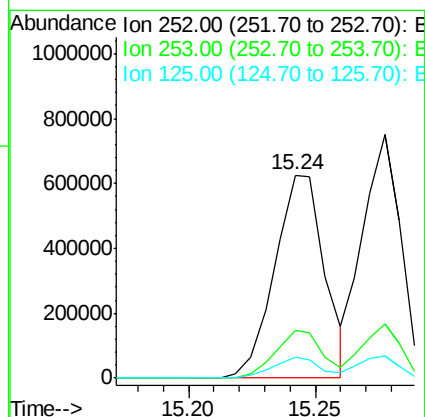
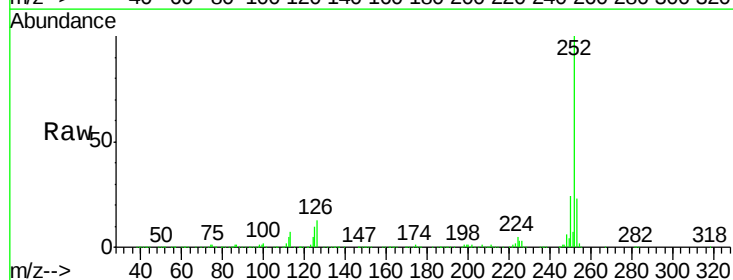
Instrument :
BNA_F
ClientSampleId :

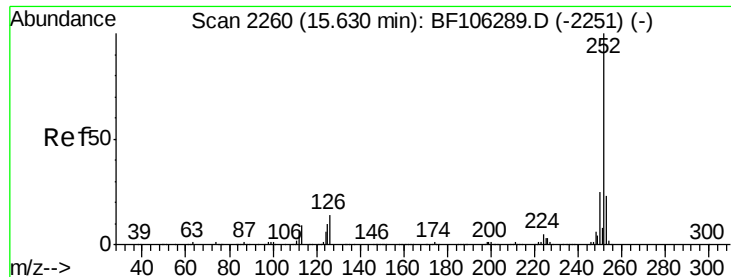
Tot Ion:252 Resp: 858269
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.764 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:252 Resp: 858269
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 10.2 10.2 15.2

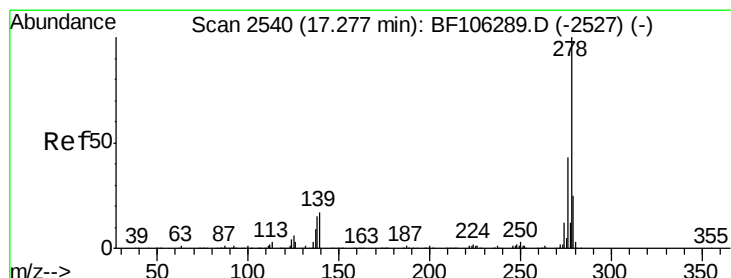
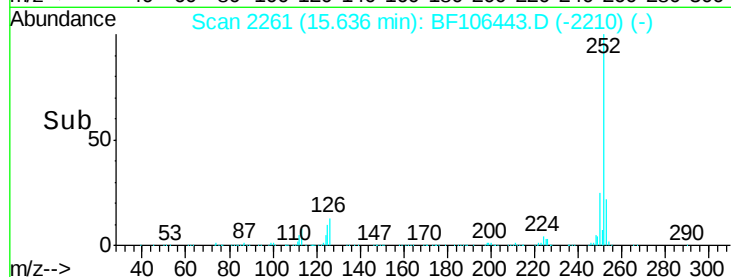
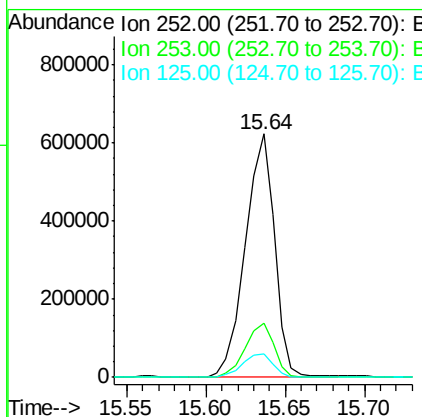
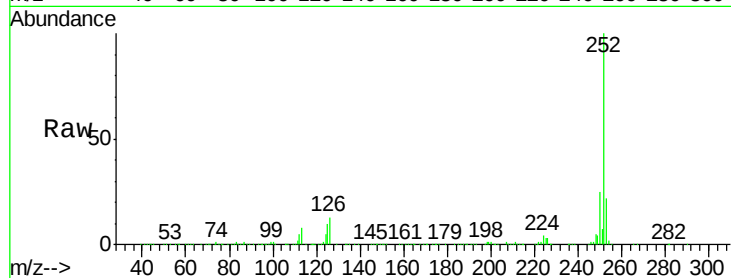




#89
Benzo(a)pyrene
Concen: 45.944 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

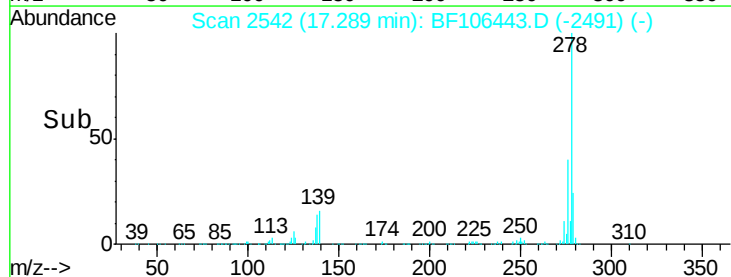
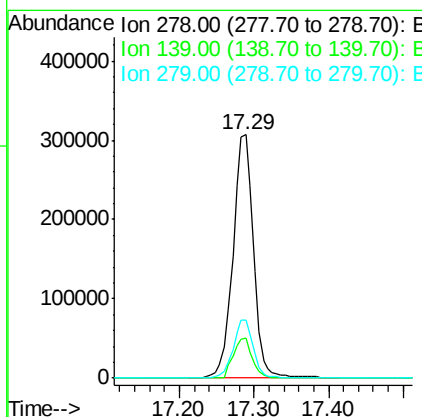
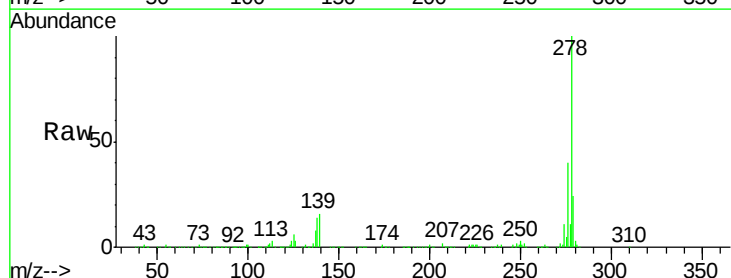
Instrument :
BNA_F
ClientSampleId :

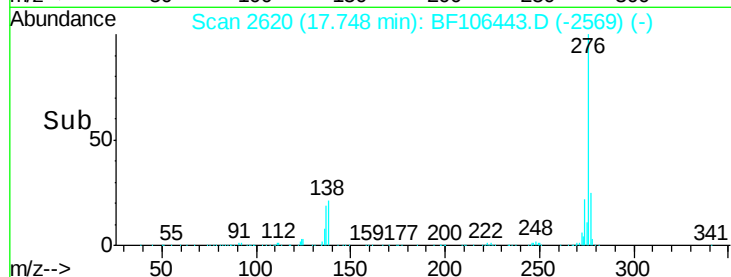
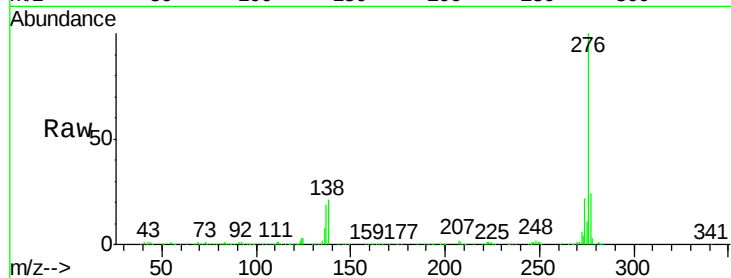
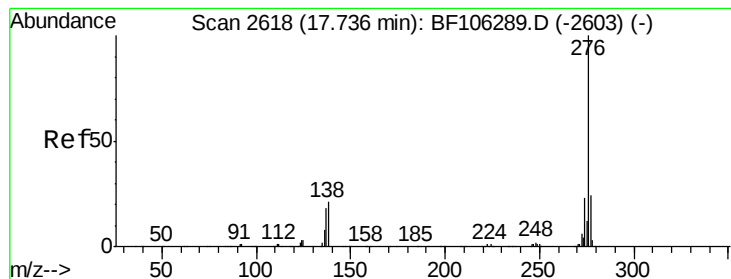
Tot Ion:252 Resp: 800037
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.7 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 40.598 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BF106443.D
Acq: 14 Jun 2018 15:43

Tgt Ion:278 Resp: 589368
Ion Ratio Lower Upper
278 100
139 16.3 15.9 23.9
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.305 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BF106443.D
 Acq: 14 Jun 2018 15:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	20.8	21.8	32.8

