

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101271.D
 Acq On : 9 Dec 2017 8:51
 Operator : SJ/JU
 Sample : I6744-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 23:42:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45590	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	164609	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	67129	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	112998	20.00	ng	0.00
75) Chrysene-d12	14.01	240	84663	20.00	ng	0.00
86) Perylene-d12	15.49	264	66736	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	268683	97.39	ng	0.01
7) Phenol-d6	6.47	99	391867	116.99	ng	0.01
23) Nitrobenzene-d5	7.40	82	235175	85.23	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	51256	63.56	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	434351	88.53	ng	0.00
78) Terphenyl-d14	12.94	244	351001	90.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	34393	30.147	ng	97
3) Pyridine	3.36	79	89627	30.305	ng	94
4) n-Nitrosodimethylamine	3.32	42	53584	37.096	ng	# 87
6) Aniline	6.49	93	92213	21.170	ng	# 55
8) 2-Chlorophenol	6.62	128	98723	32.818	ng	91
9) Benzaldehyde	6.38	77	34223	16.693	ng	91
10) Phenol	6.49	94	141030	37.865	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	99326	35.554	ng	100
12) 1,3-Dichlorobenzene	6.77	146	122561	34.990	ng	97
13) 1,4-Dichlorobenzene	6.85	146	125068	34.487	ng	98
14) 1,2-Dichlorobenzene	7.00	146	118903	35.151	ng	97
15) Benzyl Alcohol	6.97	79	84156	32.529	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	152867	40.255	ng	90
17) 2-Methylphenol	7.09	107	88514	36.440	ng	96
18) Hexachloroethane	7.33	117	20796	17.849	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	73597	32.625	ng	91
20) 3+4-Methylphenols	7.25	107	112211	35.422	ng	# 64
22) Acetophenone	7.24	105	145035	36.470	ng	# 91
24) Nitrobenzene	7.42	77	104885	38.782	ng	100
25) Isophorone	7.65	82	190399	40.395	ng	99
26) 2-Nitrophenol	7.73	139	16903	11.385	ng	98
27) 2,4-Dimethylphenol	7.77	122	93202	43.397	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	122943	38.809	ng	98
29) 2,4-Dichlorophenol	7.97	162	76146	32.573	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	95227	37.046	ng	93
31) Naphthalene	8.13	128	297844	36.713	ng	100
32) Benzoic acid	7.77	122	93202	55.798	ng	# 14
33) 4-Chloroaniline	8.19	127	79135	24.277	ng	99
34) Hexachlorobutadiene	8.25	225	57368	36.388	ng	98
35) Caprolactam	8.55	113	24445	33.554	ng	85
36) 4-Chloro-3-methylphenol	8.67	107	81333	33.587	ng	97
37) 2-Methylnaphthalene	8.83	142	192071	34.843	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	85937	35.239	ng	# 96
42) 2,4,6-Trichlorophenol	9.11	196	30006	20.990	ng	99

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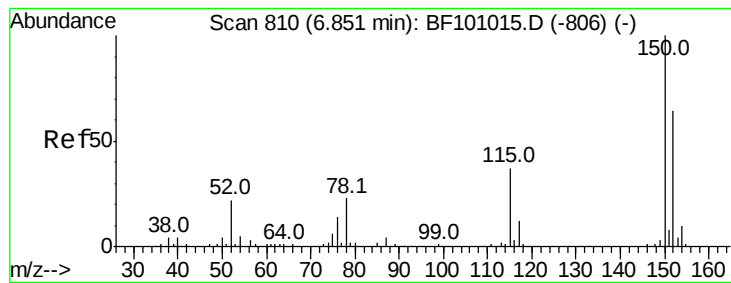
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 23:42:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.16	196	40222	26.318	nq	# 92
45) 1,1'-Biphenyl	9.29	154	220924	35.920	nq	95
46) 2-Chloronaphthalene	9.32	162	169454	38.796	nq	95
47) 2-Nitroaniline	9.42	65	52773	40.837	nq	97
48) Acenaphthylene	9.73	152	252381	35.160	nq	99
49) Dimethylphthalate	9.59	163	238951	44.137	nq	99
50) 2,6-Dinitrotoluene	9.66	165	31052	27.232	nq	97
51) Acenaphthene	9.90	154	147871	34.403	nq	99
52) 3-Nitroaniline	9.83	138	50278	39.209	nq	89
54) Dibenzofuran	10.07	168	219271	35.400	nq	99
55) 4-Nitrophenol	10.00	139	14263	16.493	nq	95
56) 2,4-Dinitrotoluene	10.07	165	32330	21.156	nq	# 90
57) Fluorene	10.42	166	169763	33.715	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	17424	14.239	nq	# 68
59) Diethylphthalate	10.29	149	193807	36.295	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	84302	33.909	nq	90
61) 4-Nitroaniline	10.45	138	49974	37.543	nq	97
62) Azobenzene	10.57	77	142338	31.410	nq	93
65) n-Nitrosodiphenylamine	10.53	169	160113	40.164	nq	92
66) 4-Bromophenyl-phenylether	10.90	248	49823	39.391	nq	# 87
67) Hexachlorobenzene	10.97	284	48897	36.071	nq	# 82
68) Atrazine	11.05	200	34693	28.371	nq	93
69) Pentachlorophenol	11.17	266	10897	14.620	nq	98
70) Phenanthrene	11.39	178	319044	51.271	nq	98
71) Anthracene	11.44	178	257406	40.871	nq	98
72) Carbazole	11.59	167	212332	36.900	nq	99
73) Di-n-butylphthalate	11.92	149	267358	37.069	nq	98
74) Fluoranthene	12.58	202	379777	55.058	nq	96
76) Benzidine	12.70	184	109026	39.601	nq	97
77) Pyrene	12.81	202	371467	63.585	nq	99
79) Butylbenzylphthalate	13.42	149	106380	41.302	nq	92
80) Benzo(a)anthracene	14.00	228	252812	47.294	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	63273	34.178	nq	99
82) Chrysene	14.04	228	218511	44.015	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	153050	41.675	nq	96
84) Di-n-octyl phthalate	14.59	149	239632	39.189	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	149094	33.780	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	178599	44.680	nq	97
88) Benzo(k)fluoranthene	15.06	252	178599	45.350	nq	97
89) Benzo(a)pyrene	15.43	252	157645	43.380	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	114406	35.710	nq	# 94
91) Benzo(g,h,i)perylene	17.43	276	118033	39.093	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

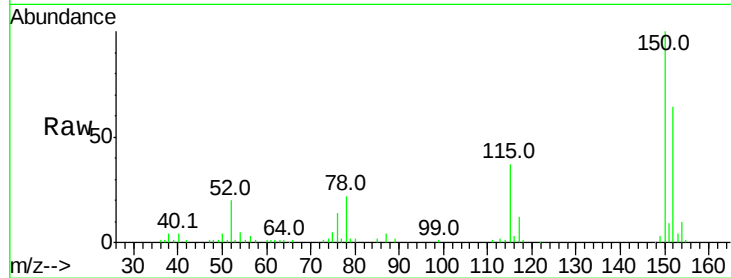
Tot Ion:152 Resp: 45590

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

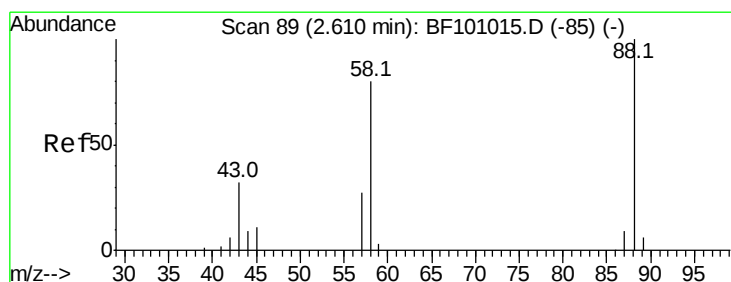
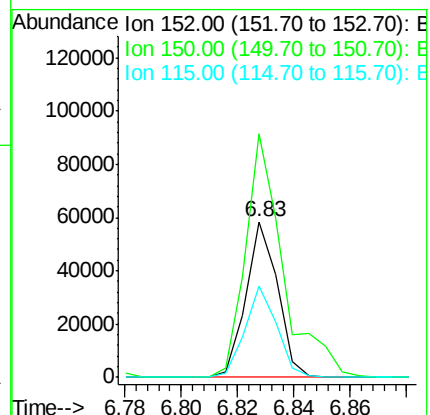
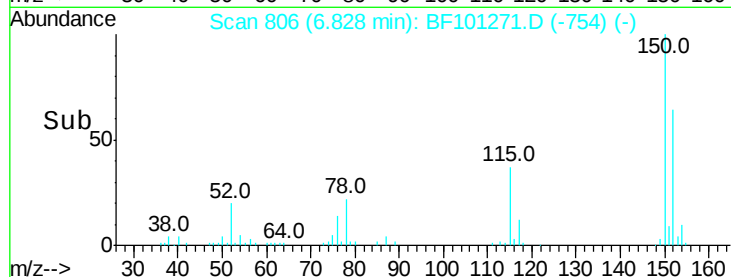
115 58.5 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.147 ng

RT: 2.60 min Scan# 87

Delta R.T. 0.04 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

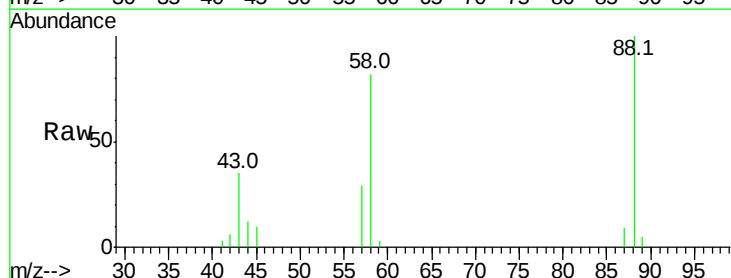
Tgt Ion: 88 Resp: 34393

Ion Ratio Lower Upper

88 100

58 78.8 62.6 93.8

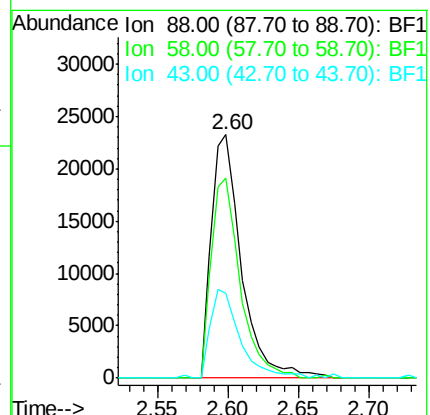
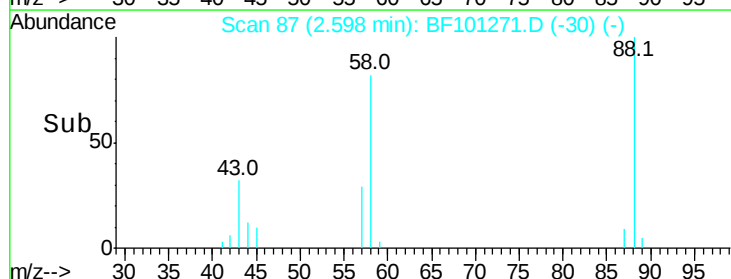
43 36.1 24.6 37.0

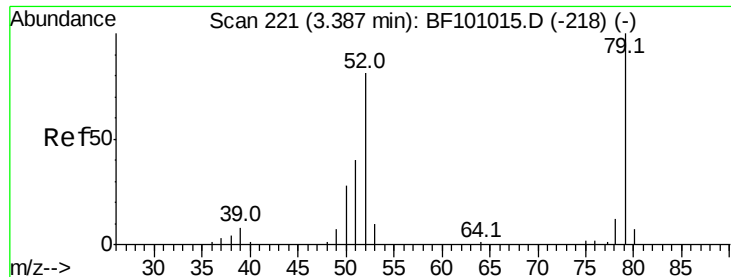


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

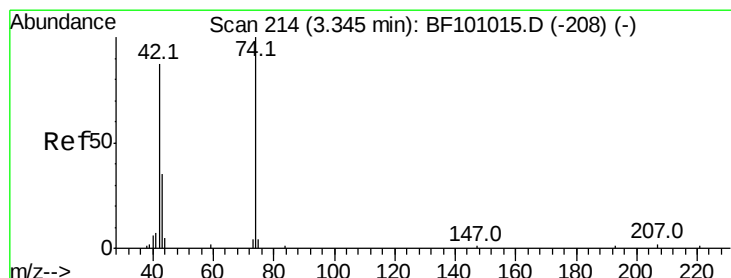
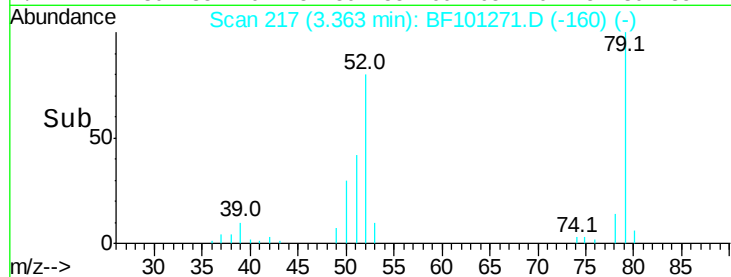
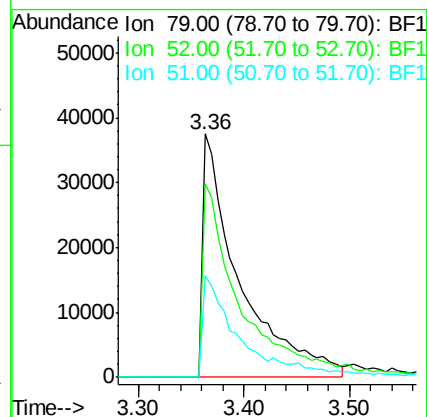
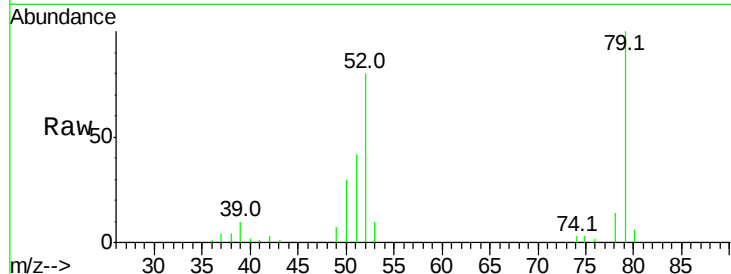




#3
 Pvridine
 Concen: 30.305 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.04 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

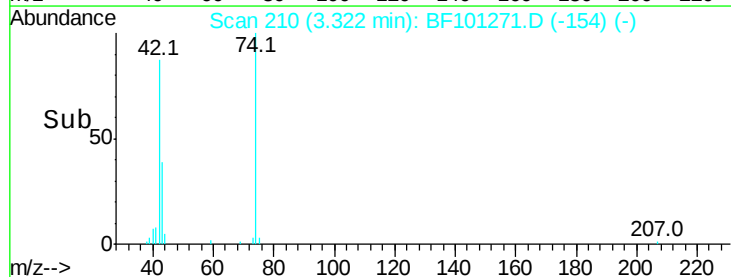
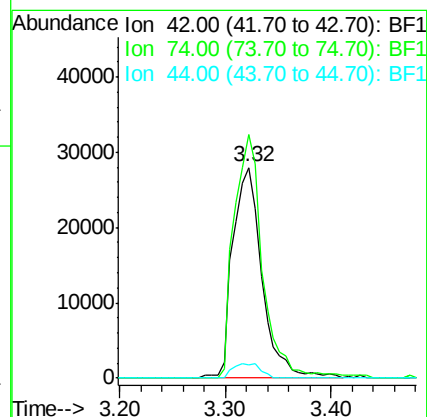
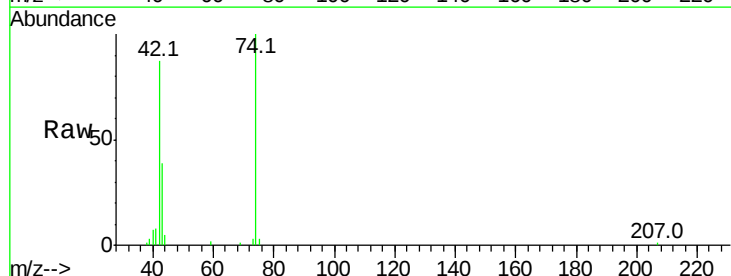
Instrument :
 BNA_F
 ClientSampleId :

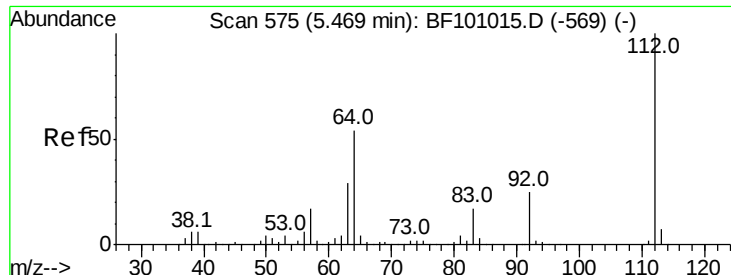
Tot Ion: 79 Resp: 89627
 Ion Ratio Lower Upper
 79 100
 52 79.8 59.8 89.6
 51 41.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.096 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.03 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion: 42 Resp: 53584
 Ion Ratio Lower Upper
 42 100
 74 115.6 104.9 157.3
 44 6.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 97.386 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

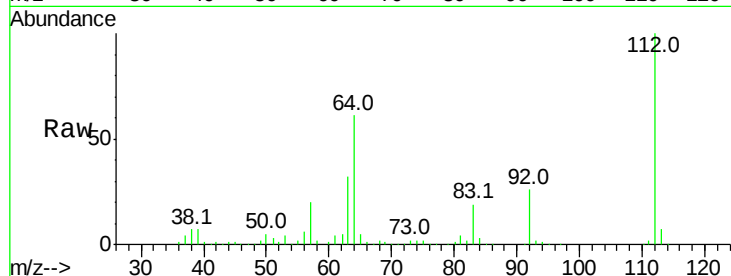
Tot Ion:112 Resp: 268683

Ion Ratio Lower Upper

112 100

64 60.6 47.9 71.9

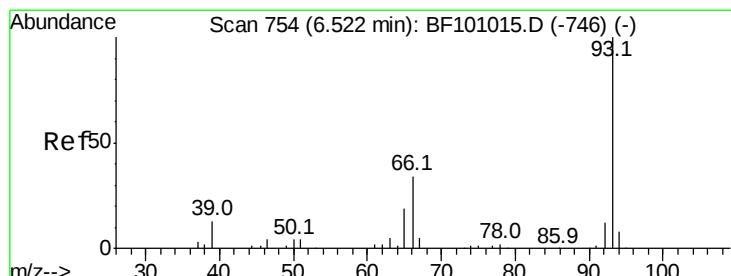
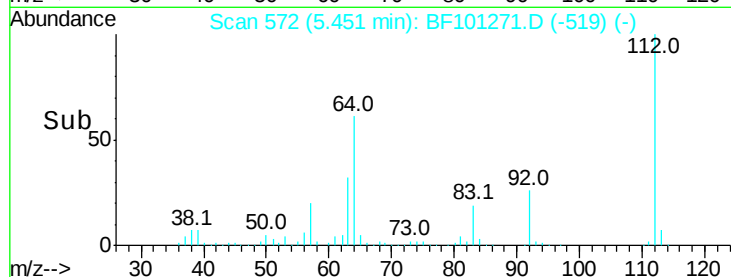
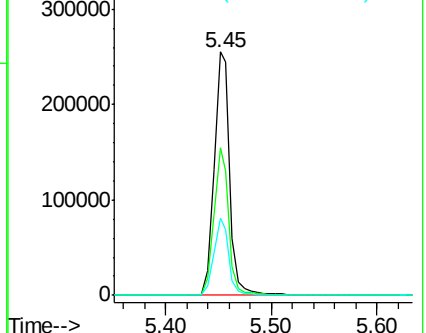
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.170 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

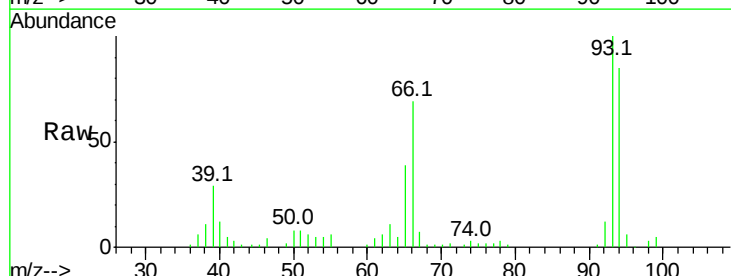
Tgt Ion: 93 Resp: 92213

Ion Ratio Lower Upper

93 100

66 69.5 32.2 48.2#

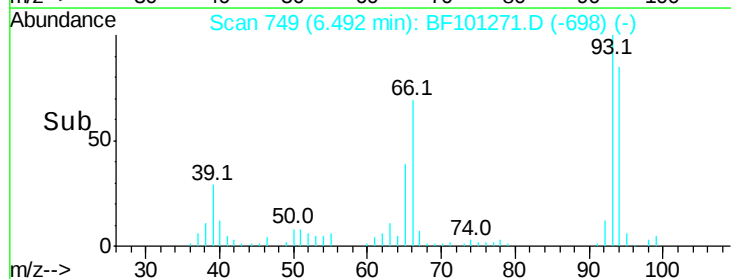
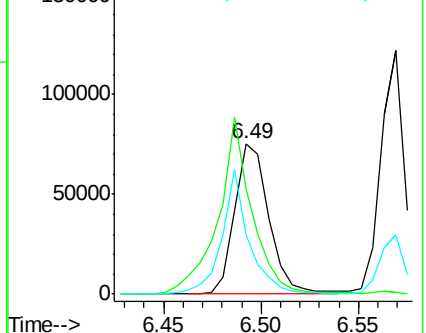
65 38.9 16.4 24.6#

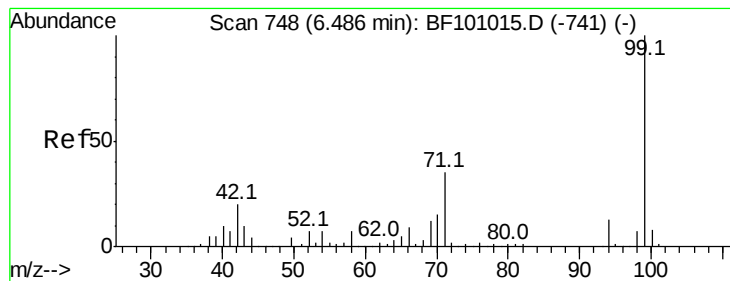


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.988 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

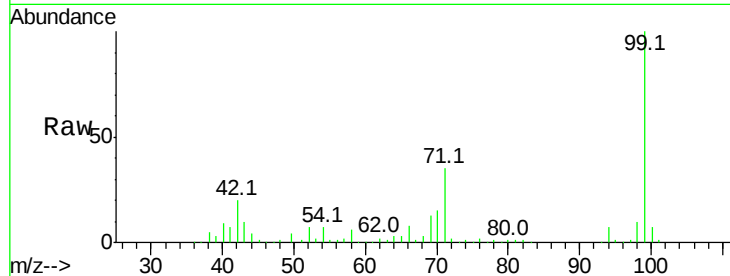
Tot Ion: 99 Resp: 391867

Ion Ratio Lower Upper

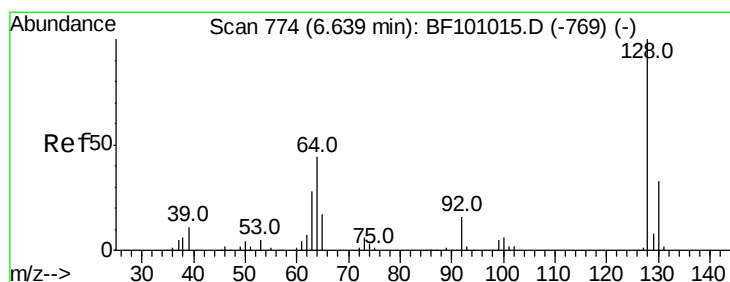
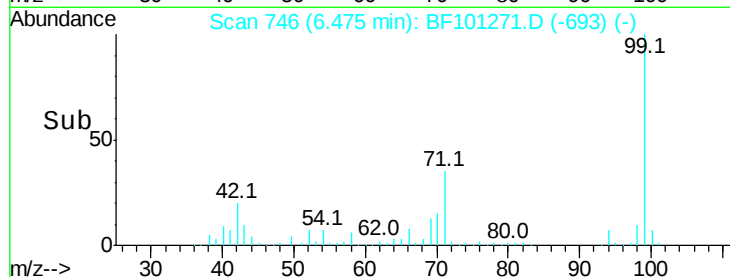
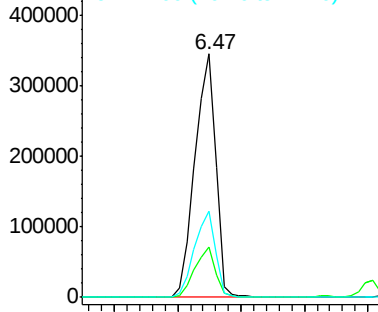
99 100

42 20.4 14.5 21.7

71 35.2 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: 32.818 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

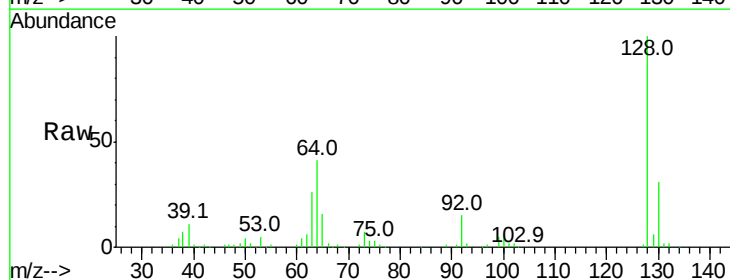
Tgt Ion: 128 Resp: 98723

Ion Ratio Lower Upper

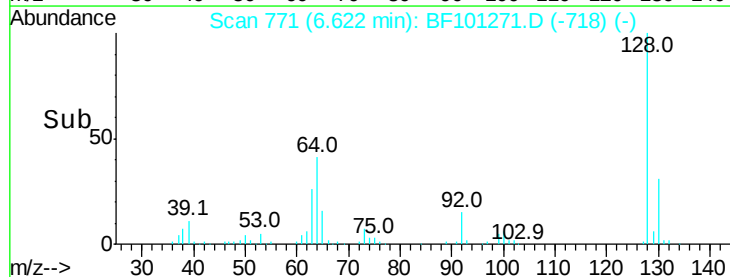
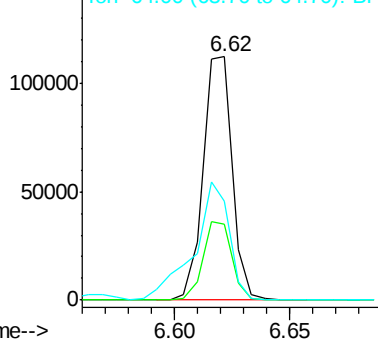
128 100

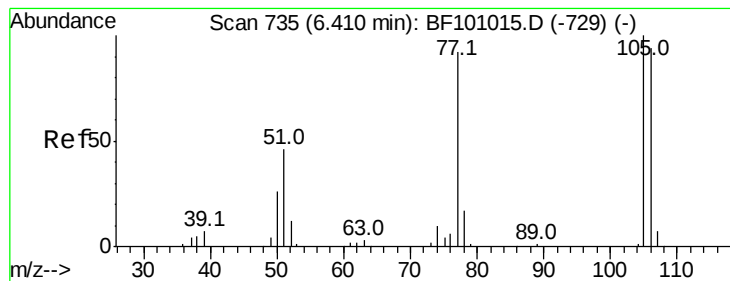
130 31.1 13.0 53.0

64 40.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.693 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

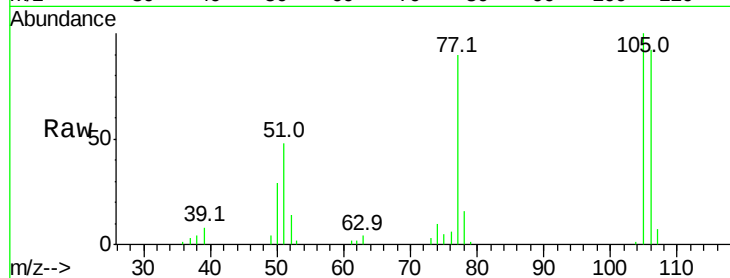
Tot Ion: 77 Resp: 34223

Ion Ratio Lower Upper

77 100

105 110.9 81.1 121.1

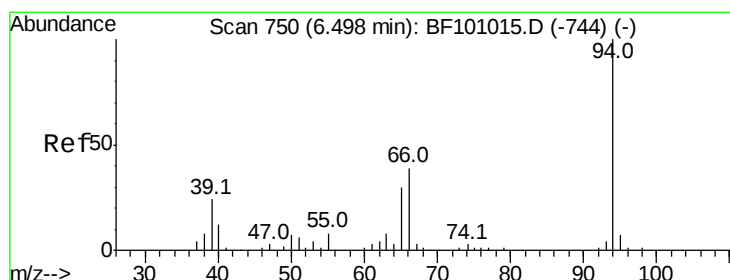
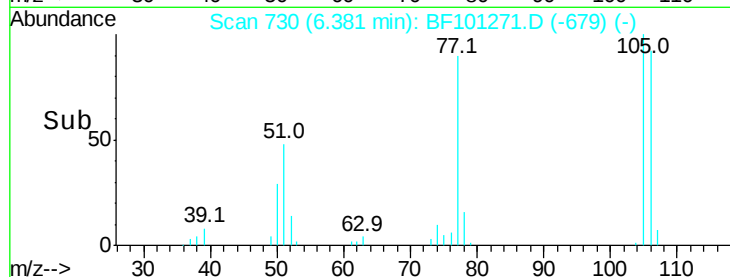
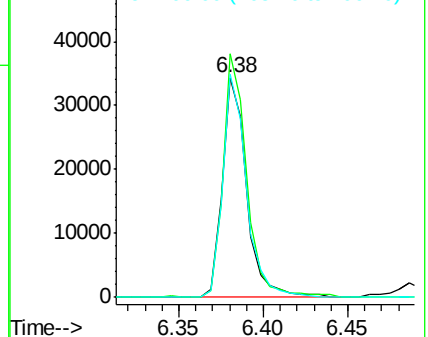
106 101.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.865 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

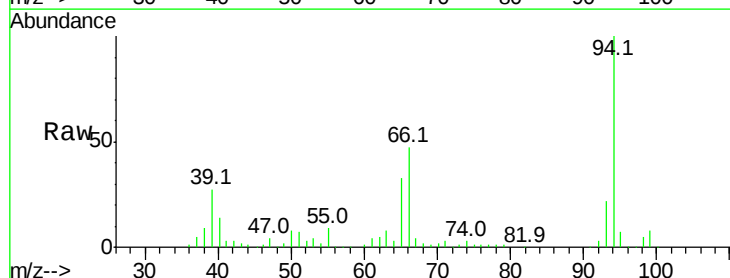
Tgt Ion: 94 Resp: 141030

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

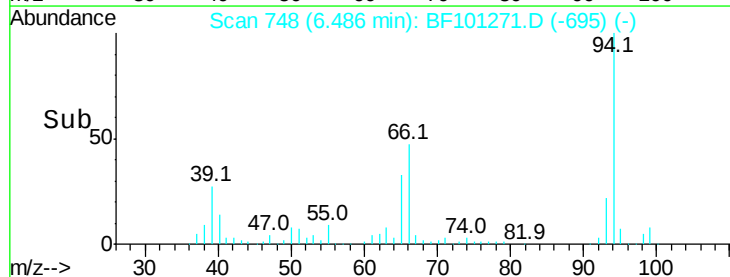
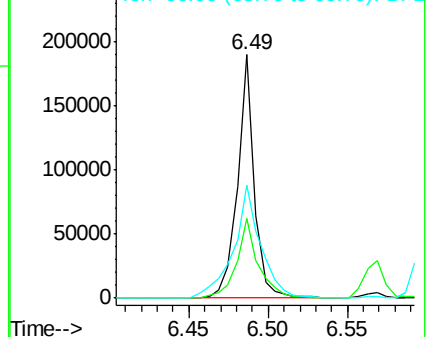
66 46.6 16.2 56.2

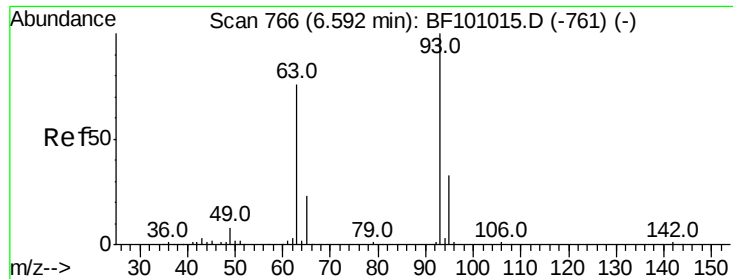


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.554 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

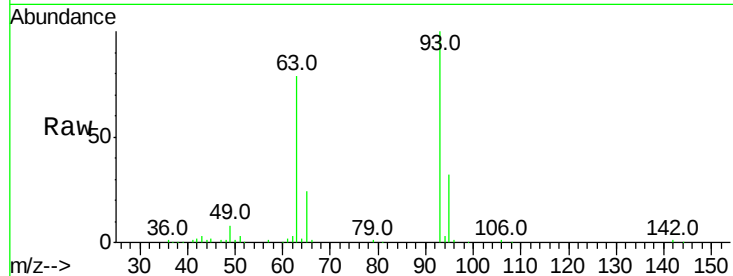
Tot Ion: 93 Resp: 99326

Ion Ratio Lower Upper

93 100

63 78.8 58.6 98.6

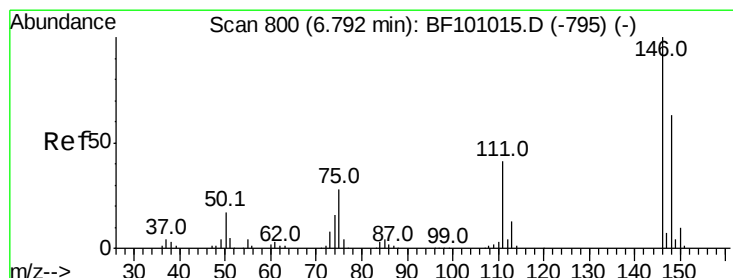
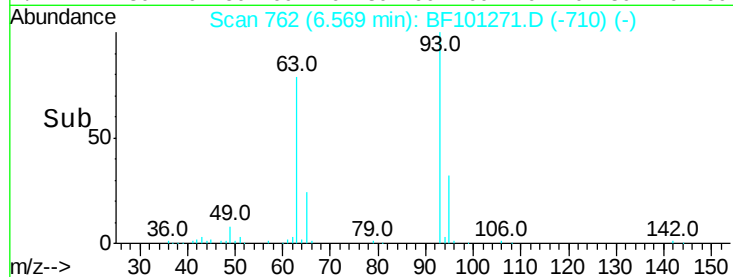
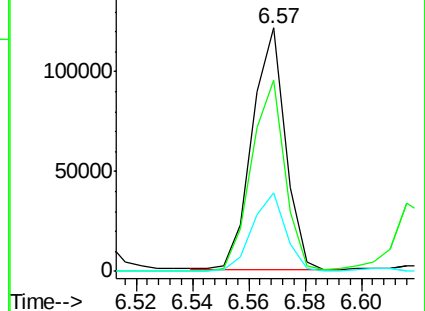
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.990 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

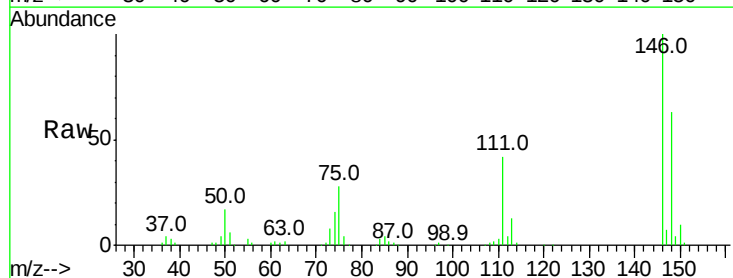
Tgt Ion: 146 Resp: 122561

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.8

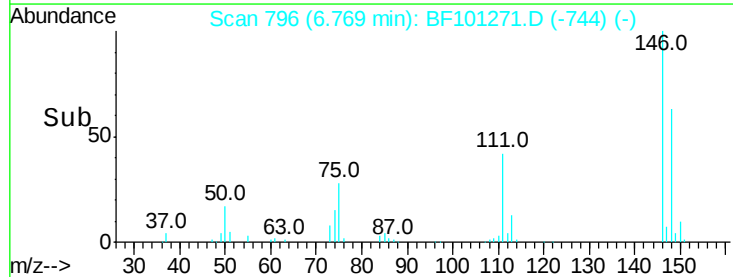
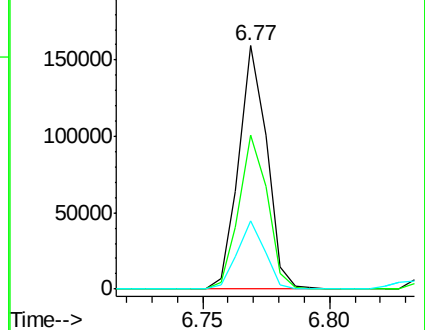
75 28.1 24.2 36.4

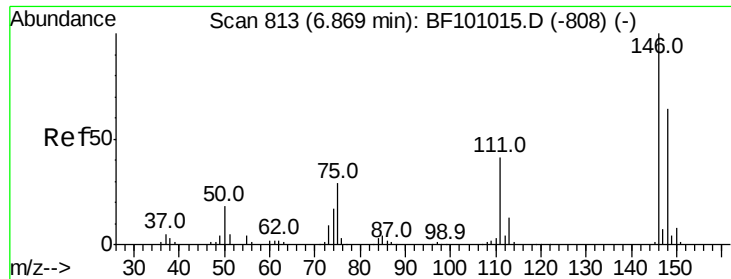


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

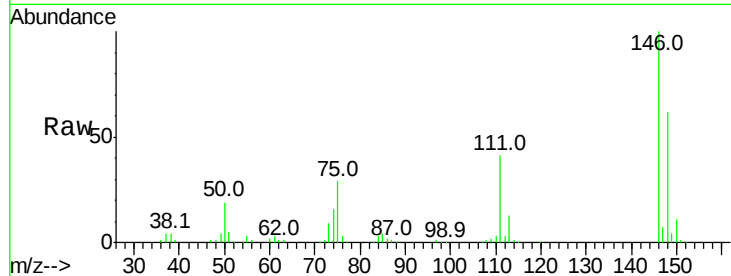




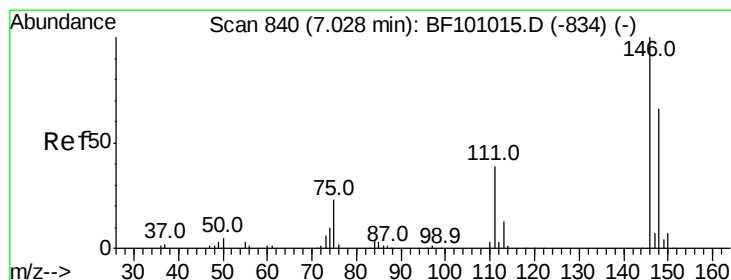
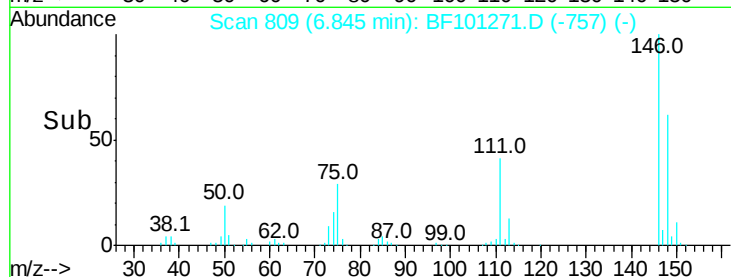
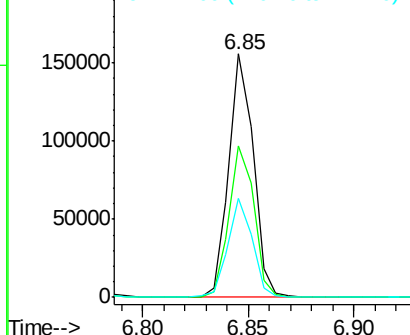
#13
 1,4-Dichlorobenzene
 Concen: 34.487 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.8	76.2
111	40.5	34.2	51.2

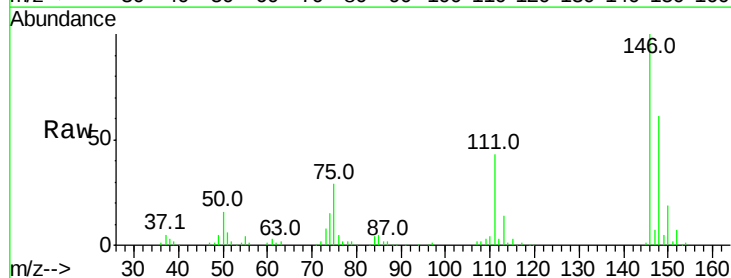


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

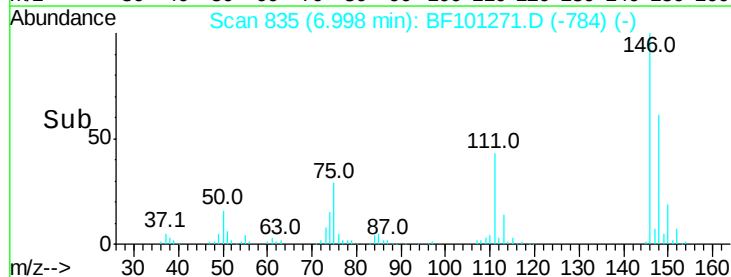
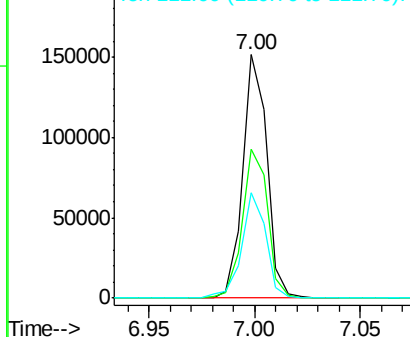


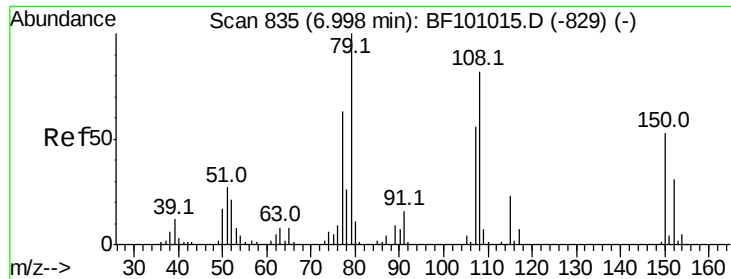
#14
 1,2-Dichlorobenzene
 Concen: 35.151 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.6	75.8
111	43.1	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

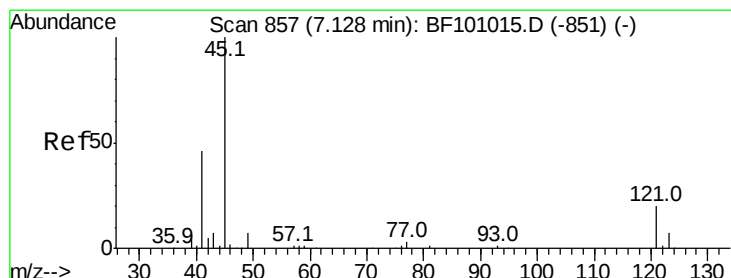
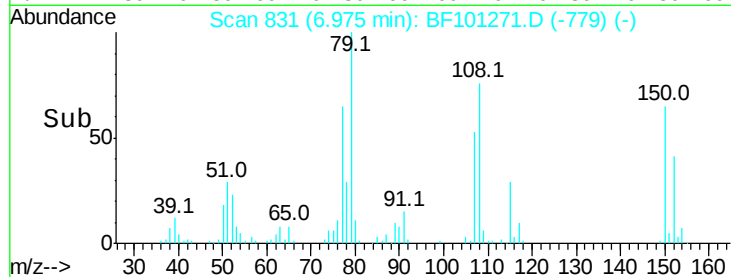
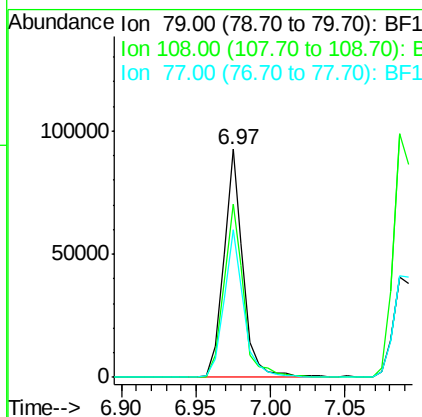
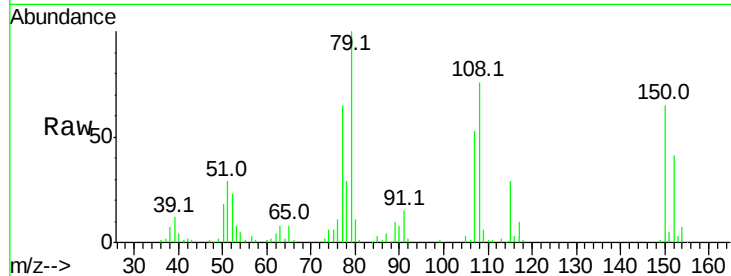




#15
Benzyl Alcohol
Concen: 32.529 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

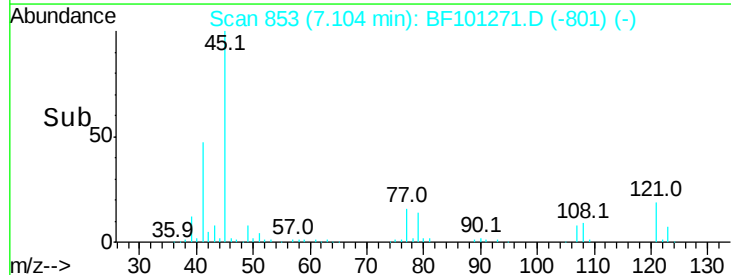
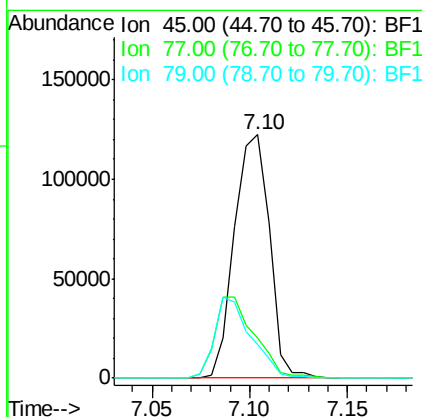
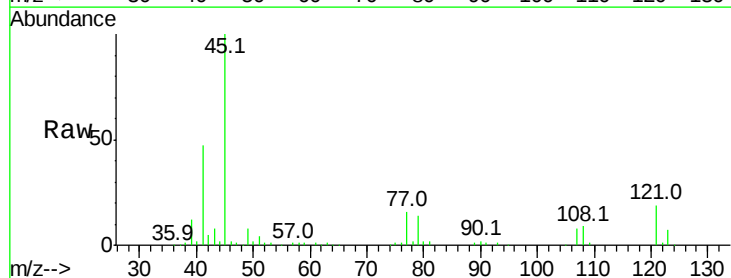
Instrument :
BNA_F
ClientSampleId :

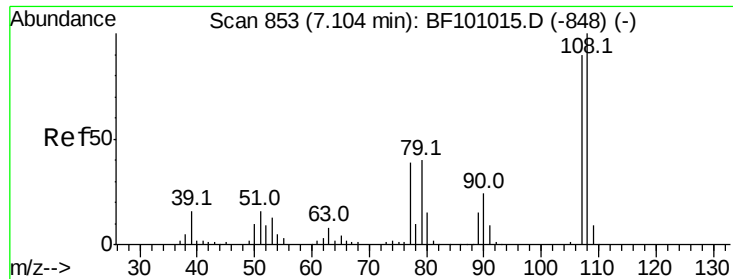
Tot Ion: 79 Resp: 84156
Ion Ratio Lower Upper
79 100
108 75.9 65.1 97.7
77 64.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.255 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion: 45 Resp: 152867
Ion Ratio Lower Upper
45 100
77 16.3 0.0 32.9
79 13.9 0.0 29.6

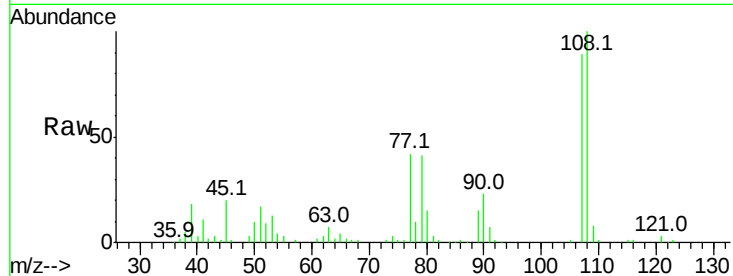




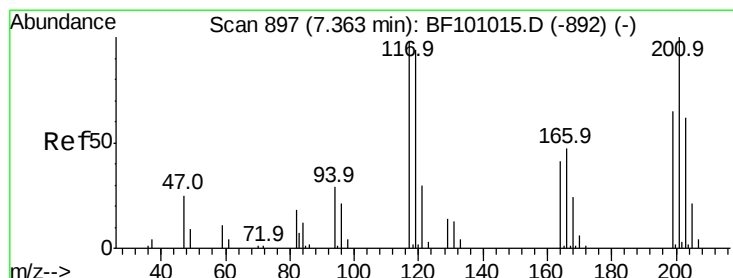
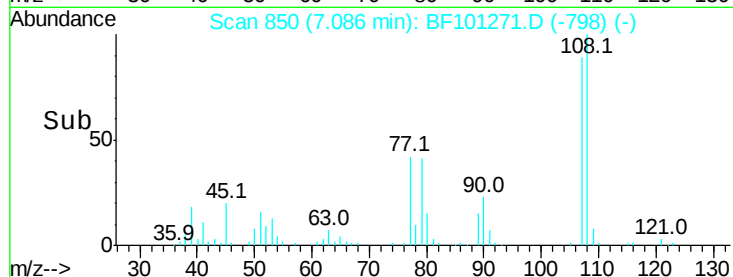
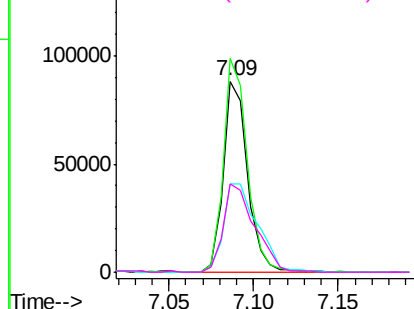
#17
2-Methylphenol
Concen: 36.440 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 88514
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 46.5 33.8 50.8
79 46.2 33.8 50.8

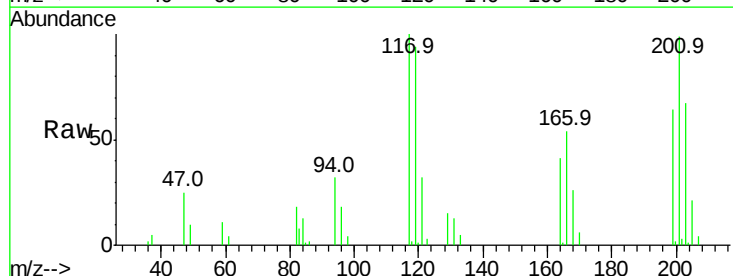


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

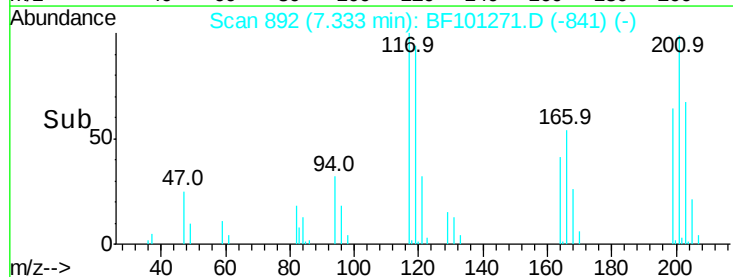
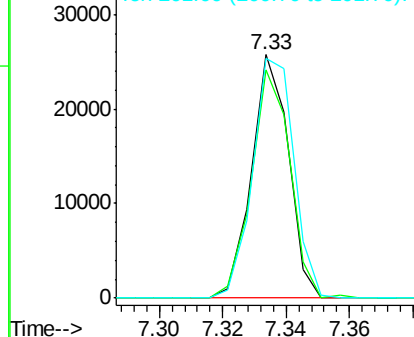


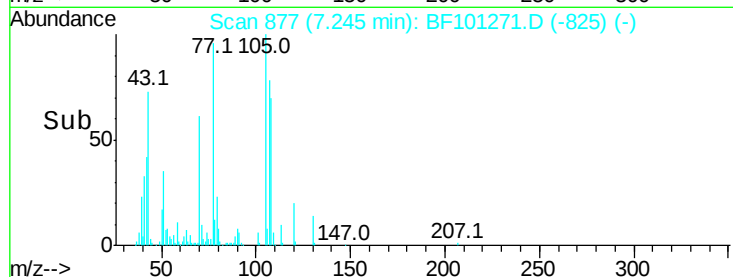
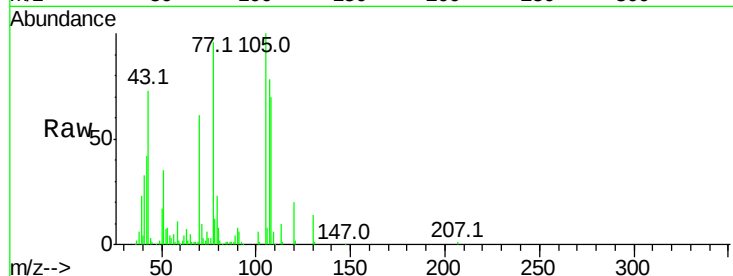
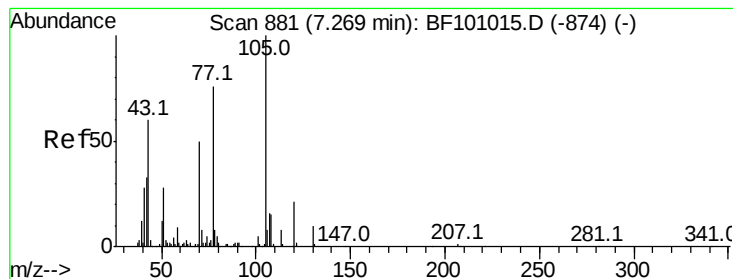
#18
Hexachloroethane
Concen: 17.849 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:117 Resp: 20796
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
201 98.7 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.625 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 73597

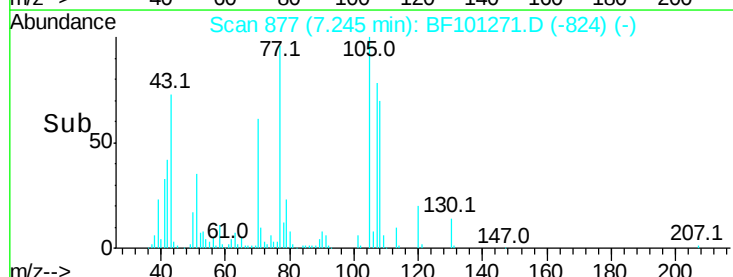
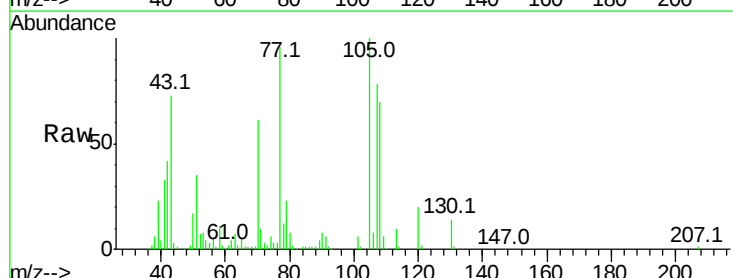
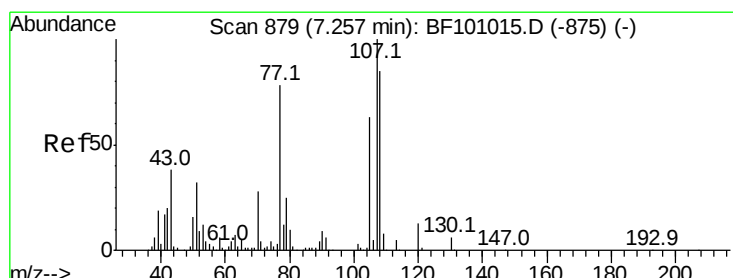
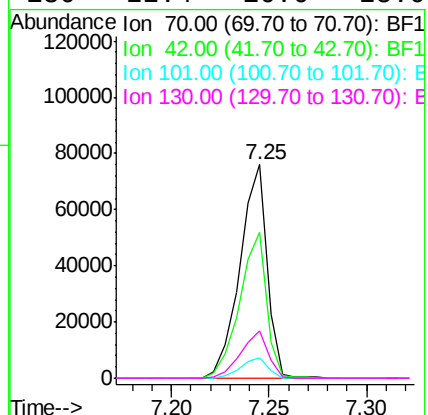
Ion Ratio Lower Upper

70 100

42 68.5 47.5 71.3

101 9.3 7.4 11.2

130 22.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 35.422 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Tgt Ion: 107 Resp: 112211

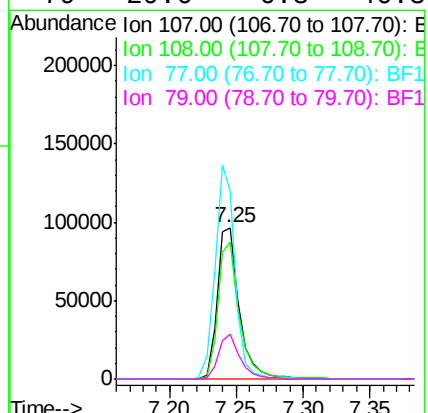
Ion Ratio Lower Upper

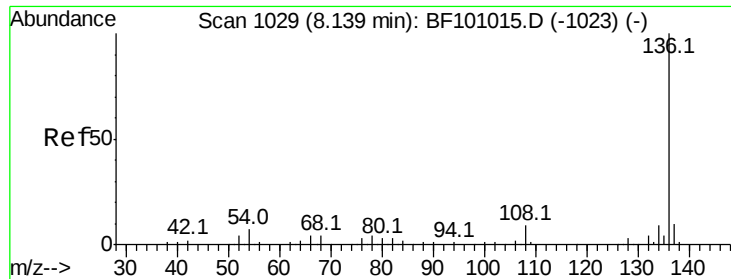
107 100

108 90.3 68.2 108.2

77 124.0 26.7 66.7#

79 29.6 6.3 46.3

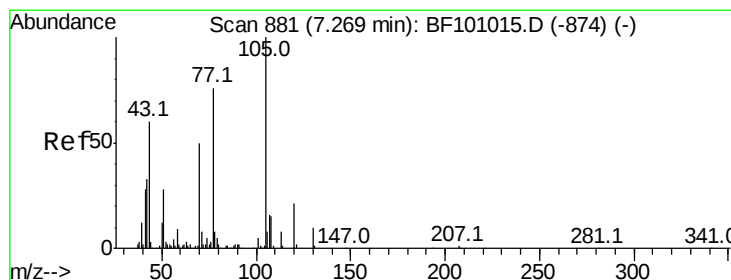
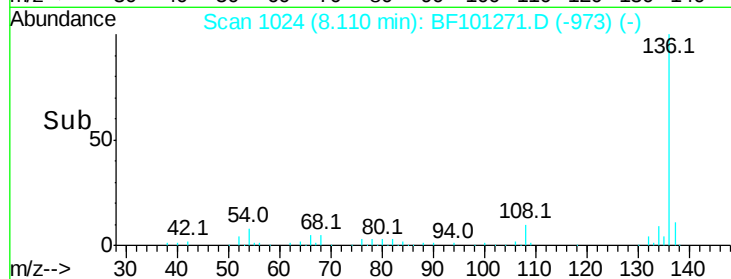
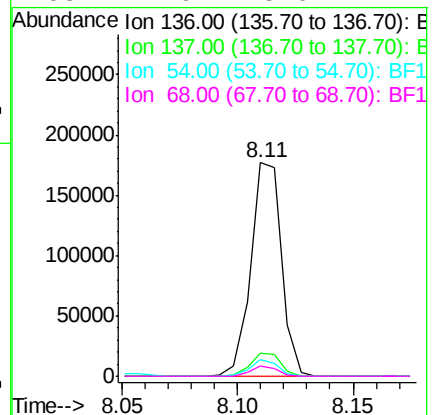
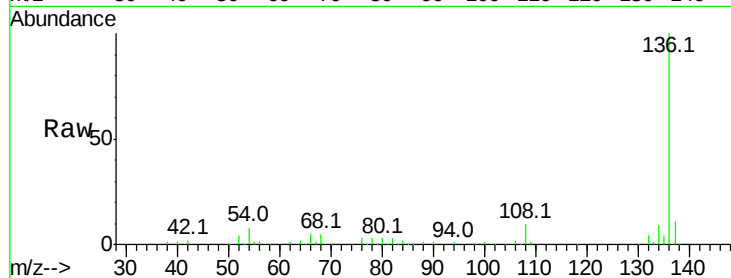




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

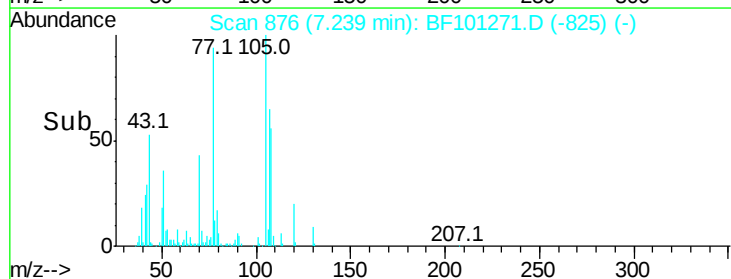
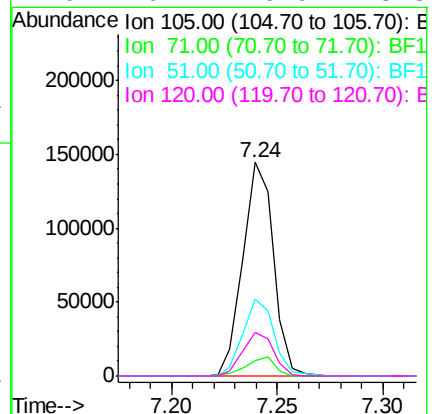
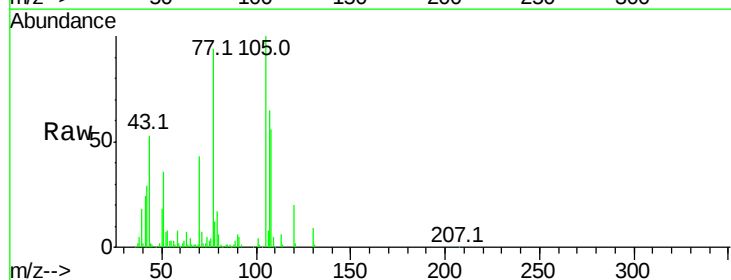
Instrument :
BNA_F
ClientSampled :

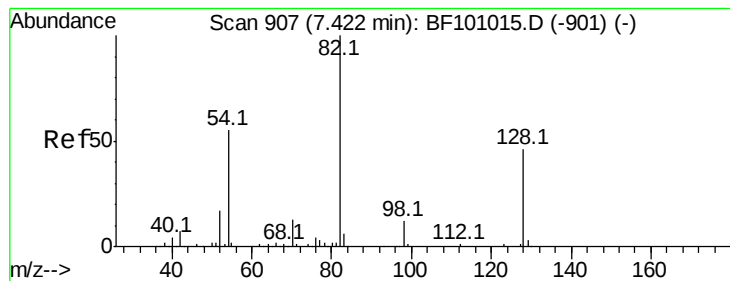
Tot Ion:	136	Resp:	164609
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	4.9	5.0	7.4#



#22
Acetophenone
Concen: 36.470 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:	105	Resp:	145035
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.4	6.6#
51	36.1	22.3	33.5#
120	20.4	16.9	25.3

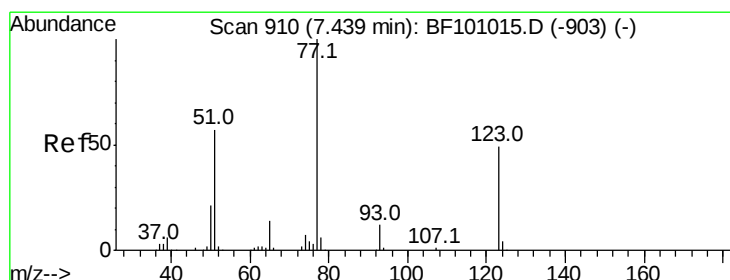
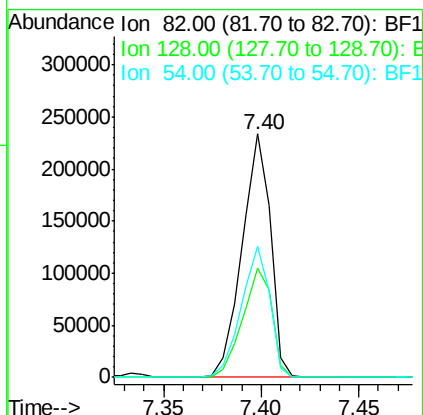
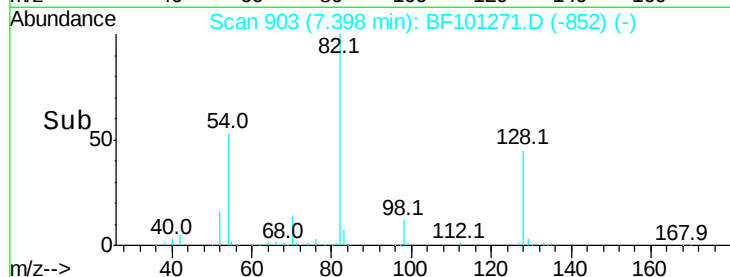
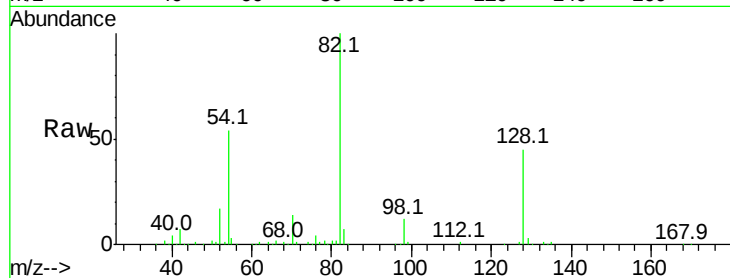




#23
 Nitrobenzene-d5
 Concen: 85.226 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

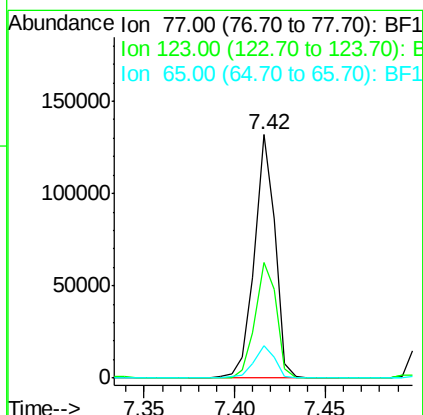
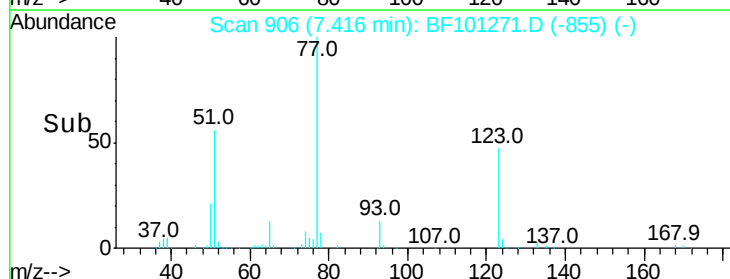
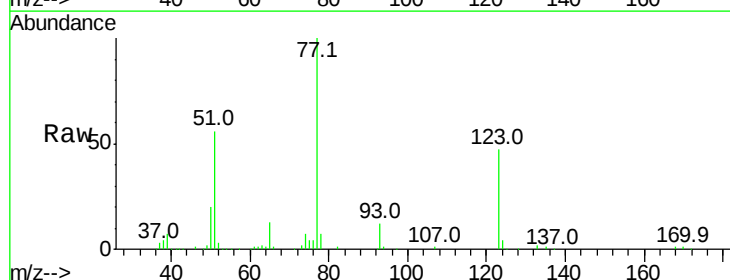
Instrument :
 BNA_F
 ClientSampleId :

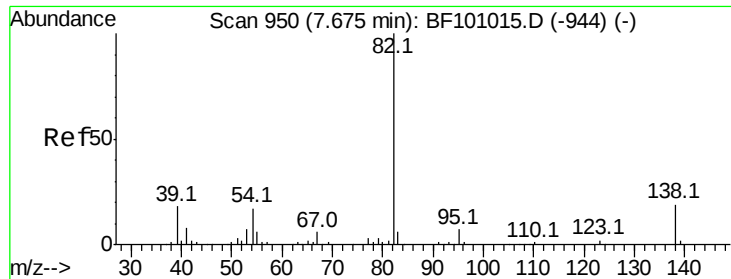
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	53.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.782 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	13.2	11.0	16.4

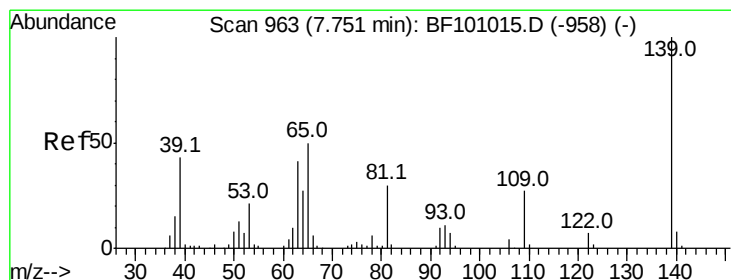
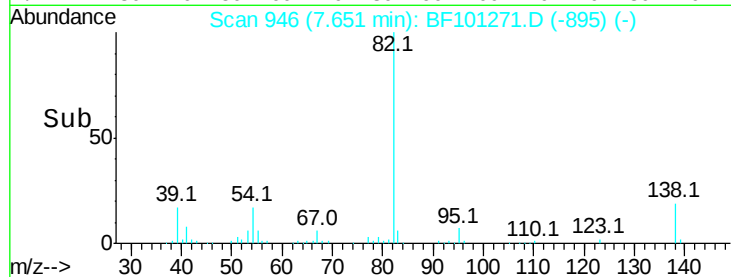
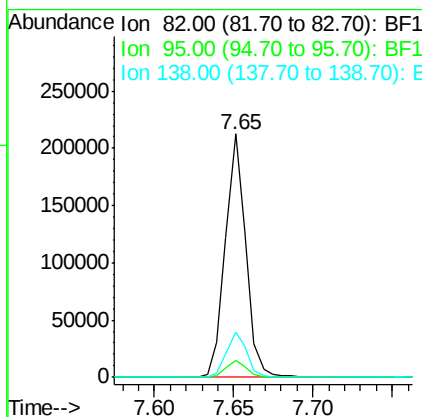
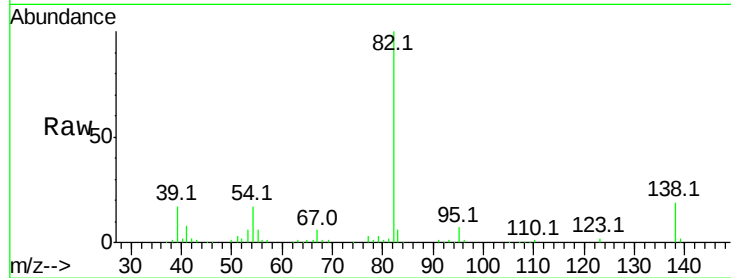




#25
Isophorone
Concen: 40.395 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

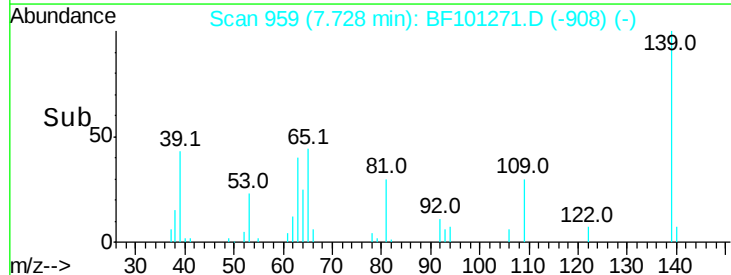
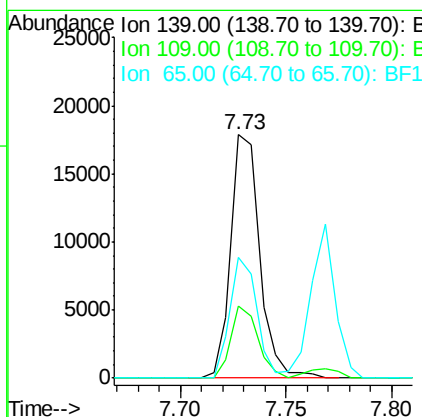
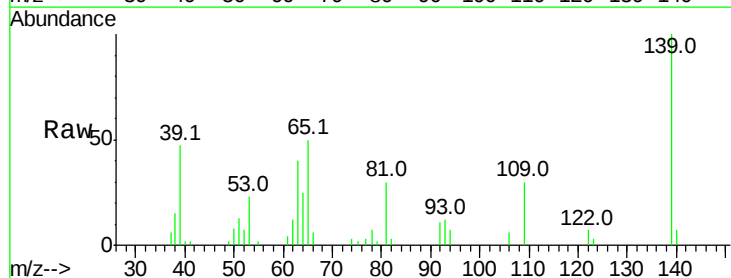
Instrument :
BNA_F
ClientSampleId :

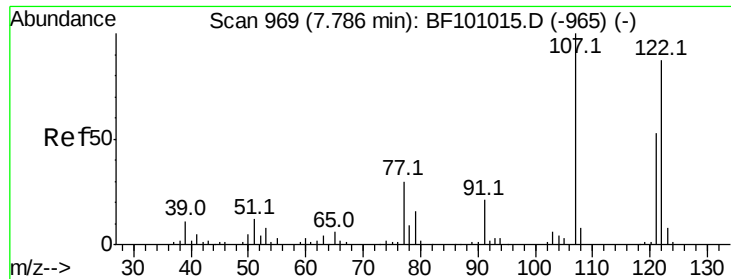
Tot Ion: 82 Resp: 190399
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 11.385 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion: 139 Resp: 16903
Ion Ratio Lower Upper
139 100
109 29.6 22.7 34.1
65 49.6 40.5 60.7

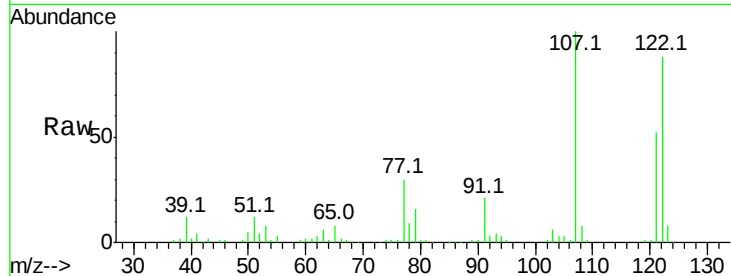




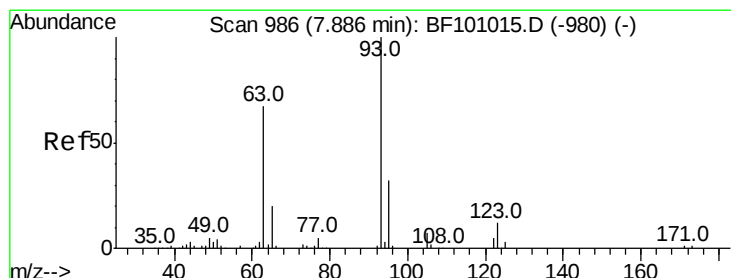
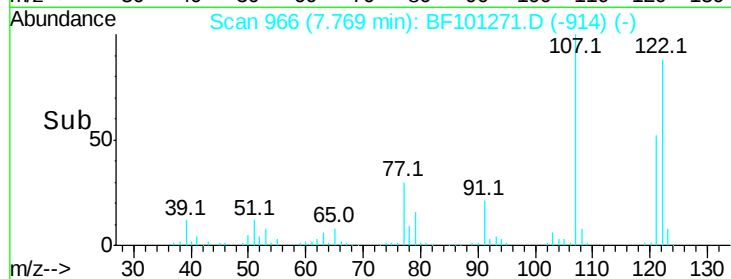
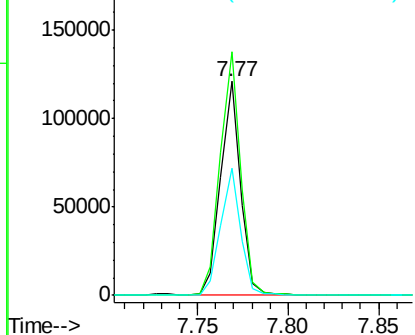
#27
 2,4-Dimethylphenol
 Concen: 43.397 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 93202
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.2 136.8
 121 59.7 47.2 70.8

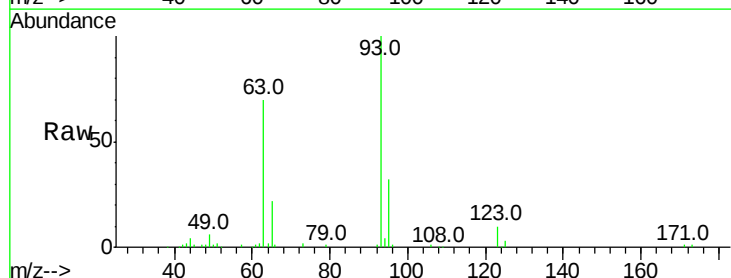


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

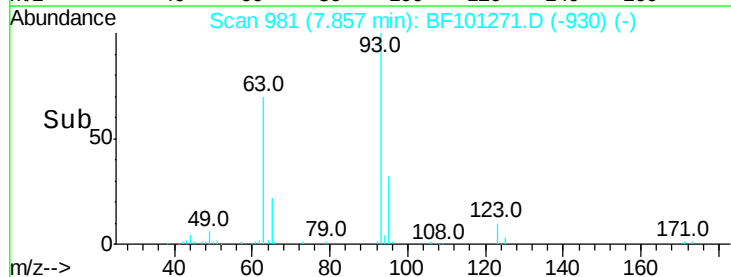
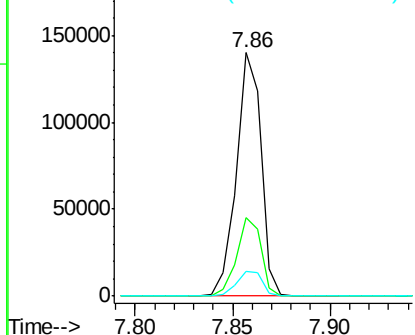


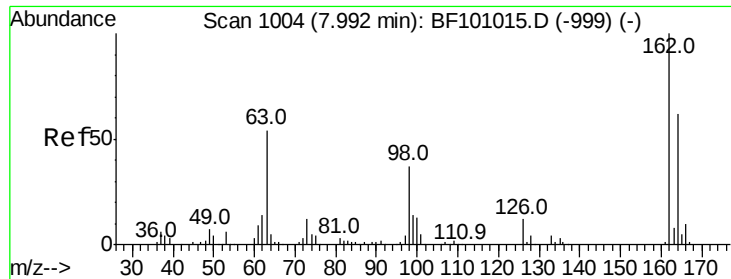
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.809 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion: 93 Resp: 122943
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.2 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

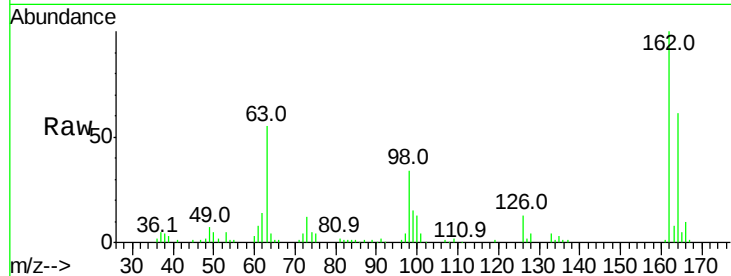




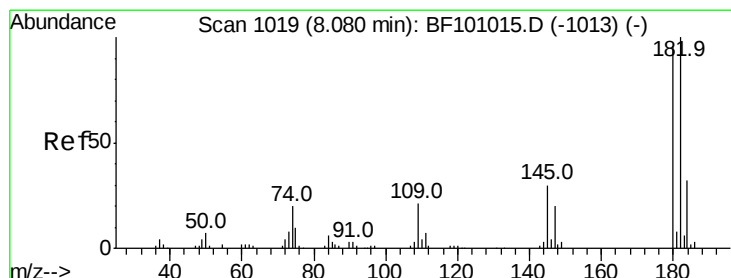
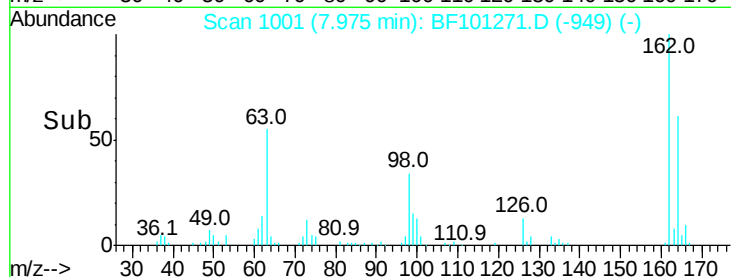
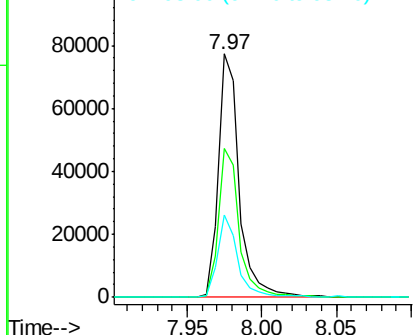
#29
 2,4-Dichlorophenol
 Concen: 32.573 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	42.7	82.7
98	34.0	18.1	58.1

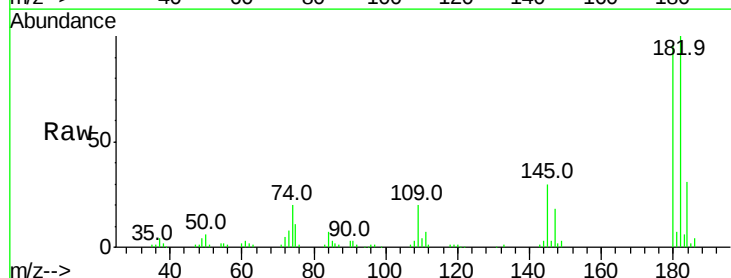


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

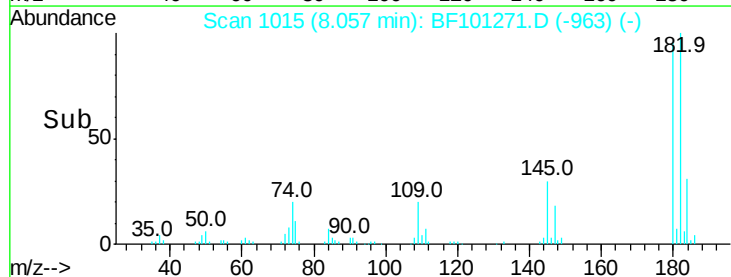
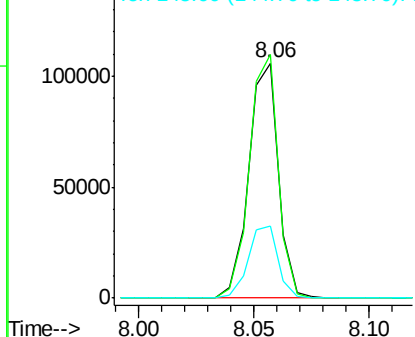


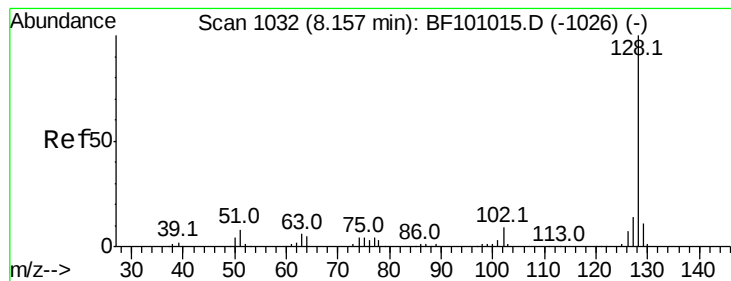
#30
 1,2,4-Trichlorobenzene
 Concen: 37.046 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.7	76.8	115.2
145	30.6	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: 36.713 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

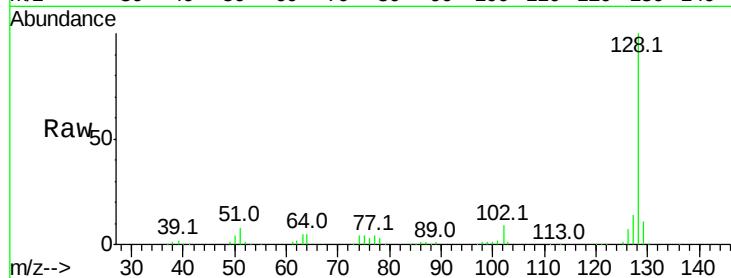
Tot Ion:128 Resp: 297844

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

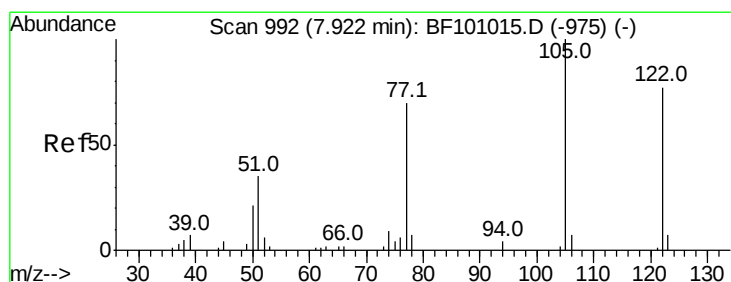
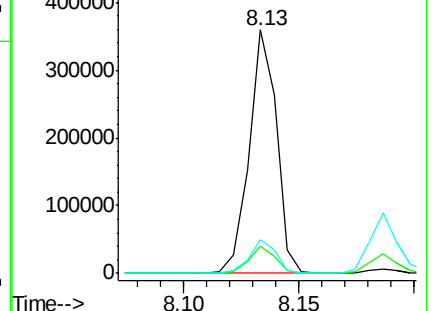
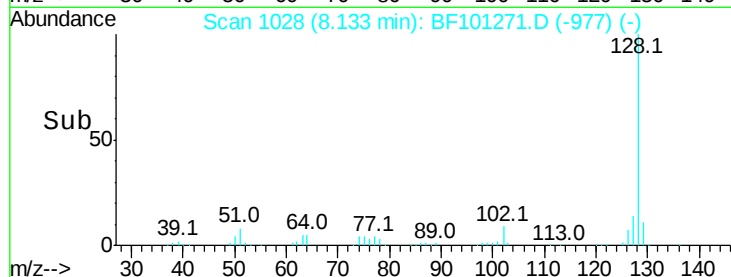
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.798 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.14 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

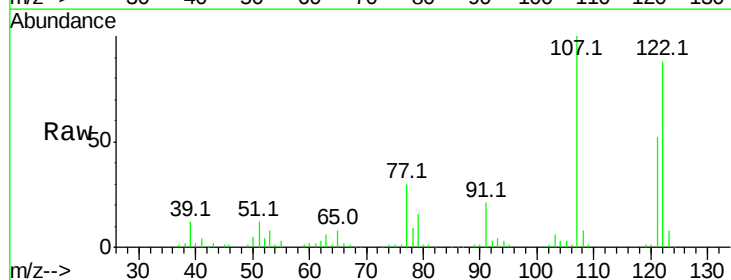
Tgt Ion:122 Resp: 93202

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

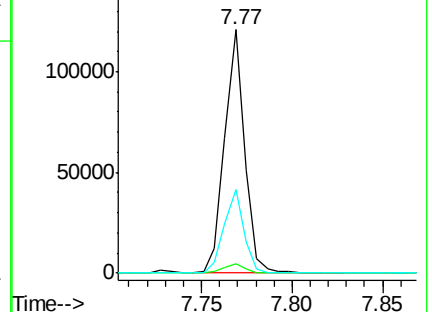
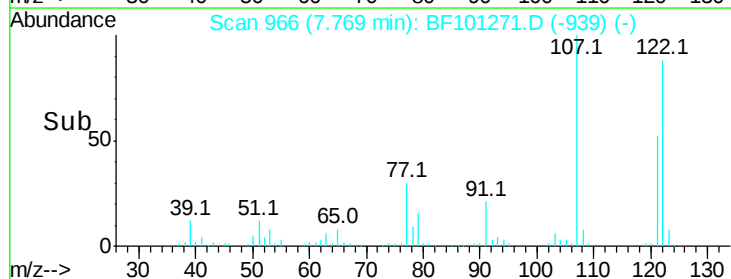
77 34.3 70.7 110.7#

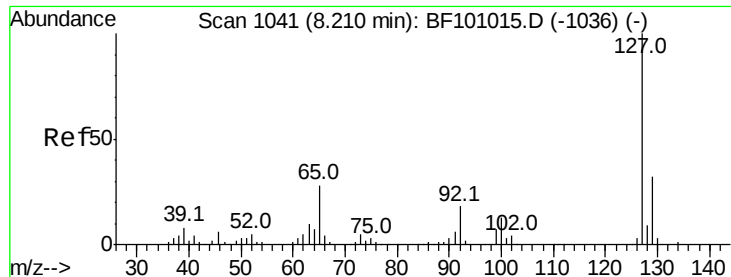


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

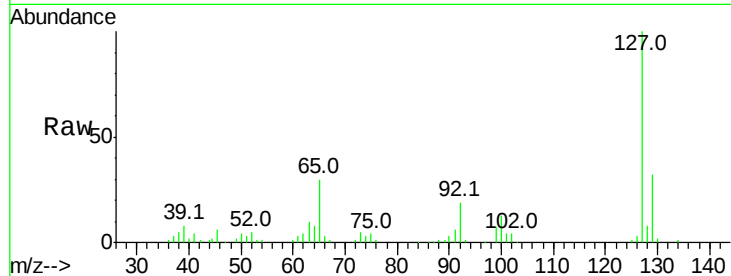




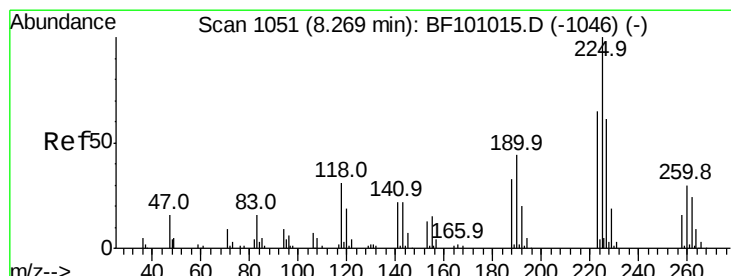
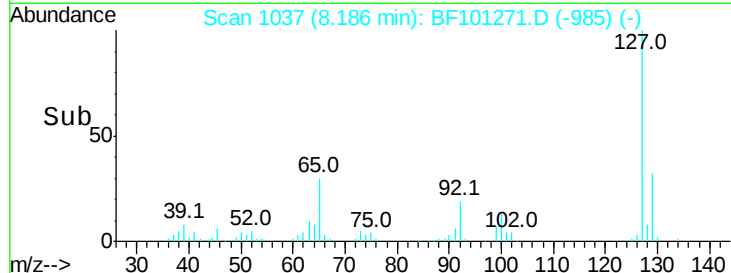
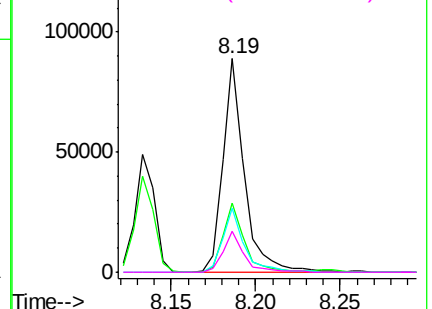
#33
 4-Chloroaniline
 Concen: 24.277 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	79135
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.8	25.0	37.4
92	19.0	15.2	22.8

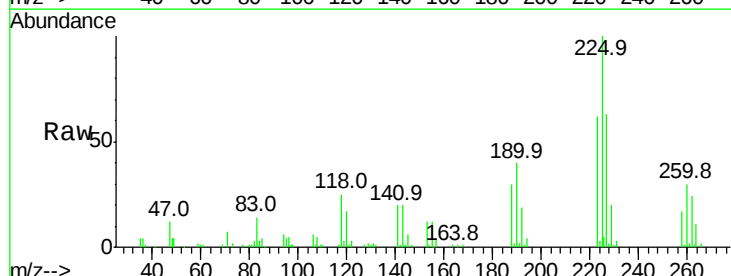


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

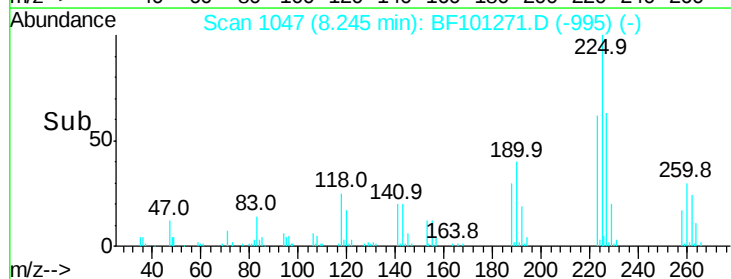
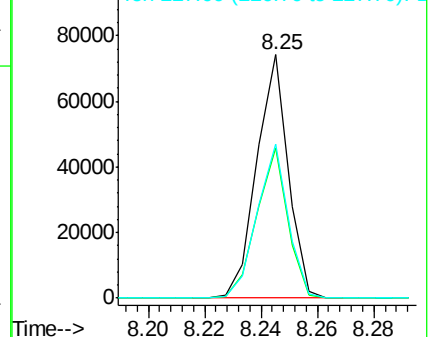


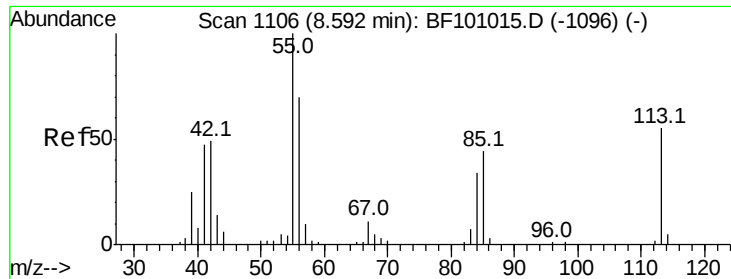
#34
 Hexachlorobutadiene
 Concen: 36.388 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion:	225	Resp:	57368
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	63.4	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

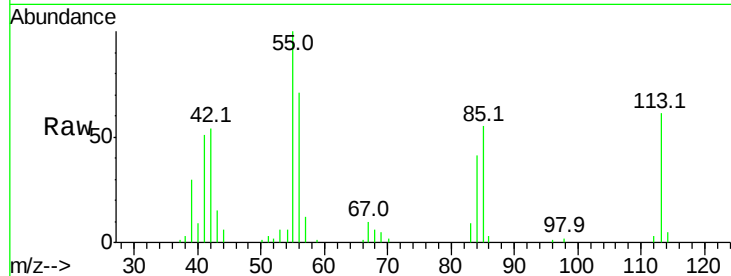




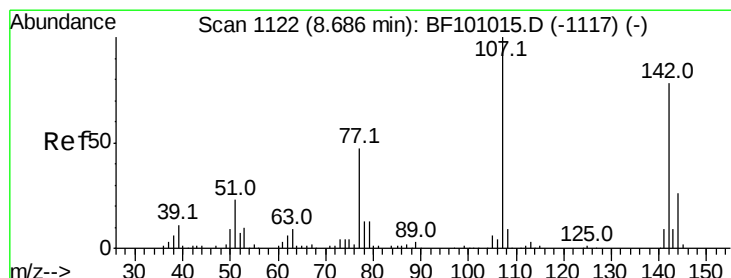
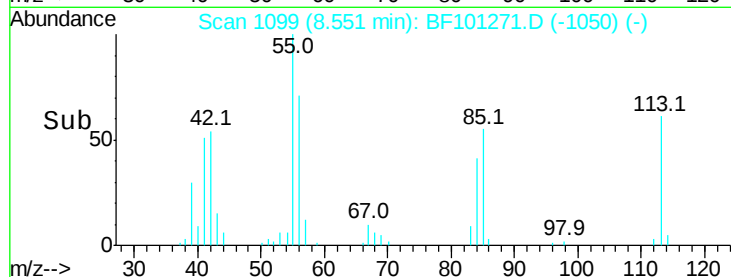
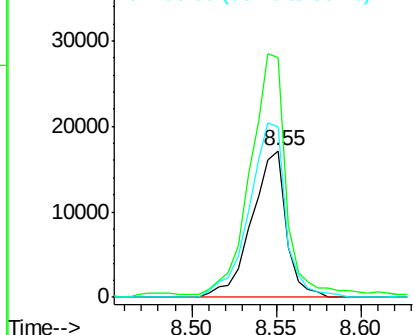
#35
 Caprolactam
 Concen: 33.554 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 24445
 Ion Ratio Lower Upper
 113 100
 55 163.7 163.3 203.3
 56 116.6 115.7 155.7

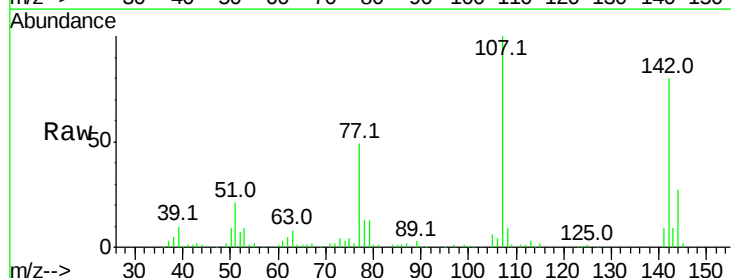


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

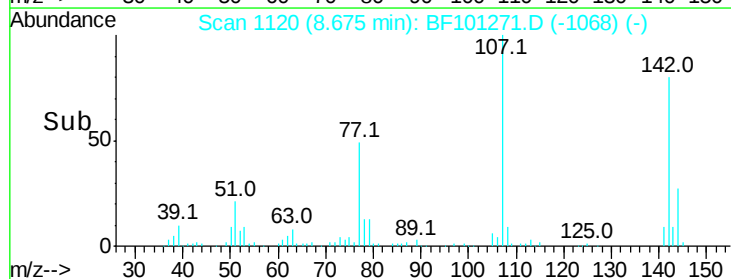
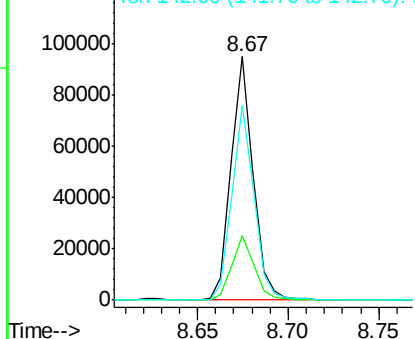


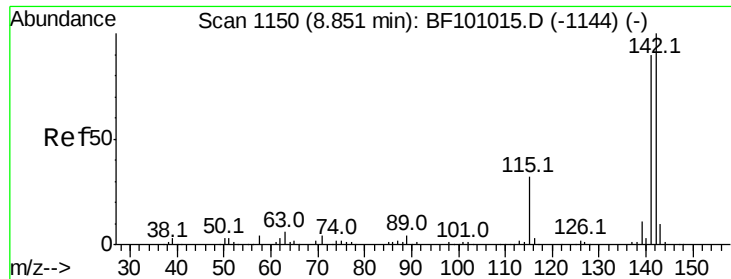
#36
 4-Chloro-3-methylphenol
 Concen: 33.587 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion:107 Resp: 81333
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 80.3 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

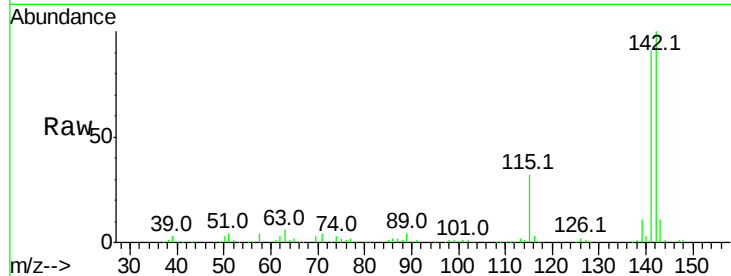




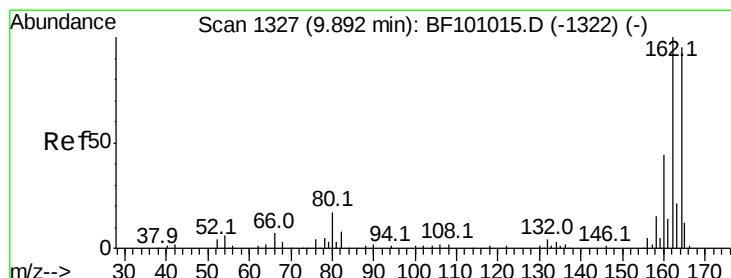
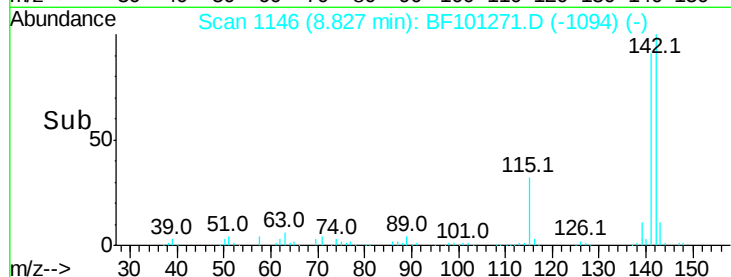
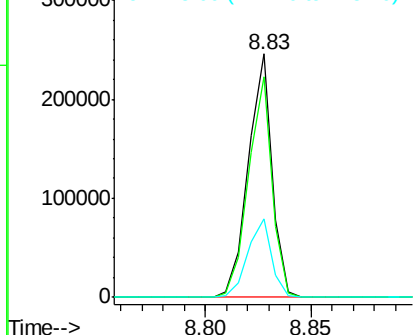
#37
 2-Methylnaphthalene
 Concen: 34.843 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	32.4	26.1	39.1

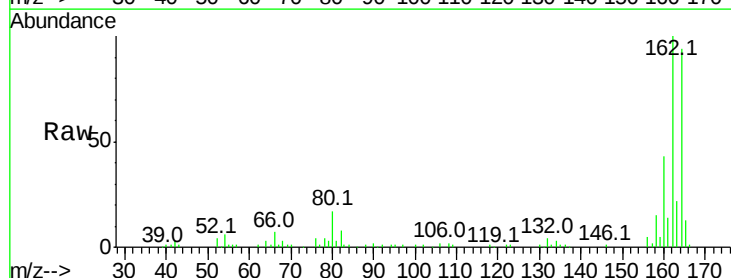


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

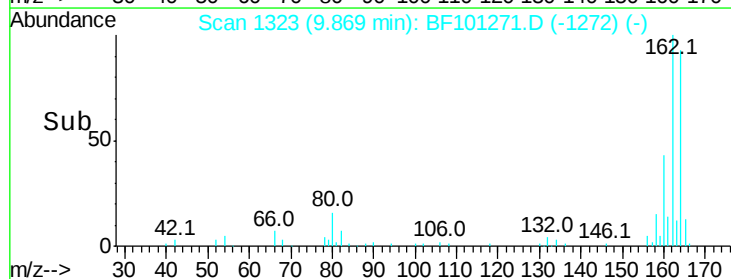
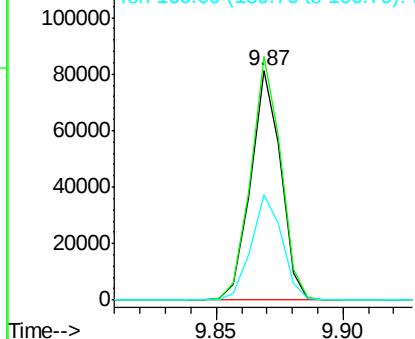


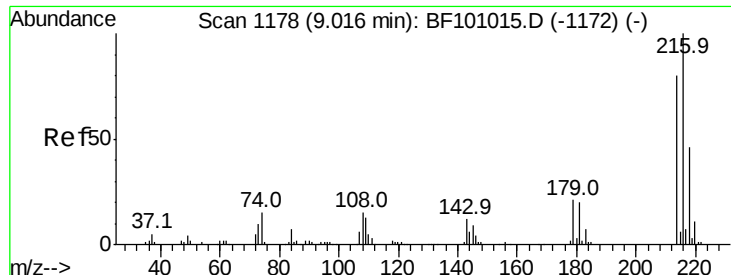
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	46.0	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

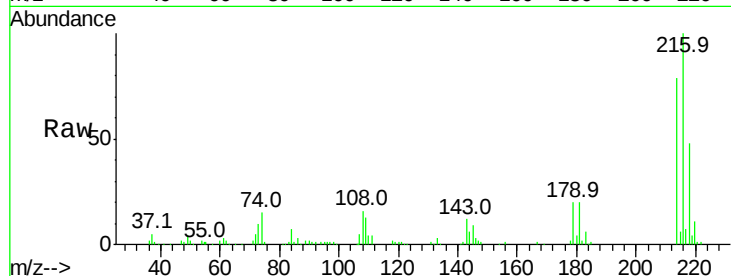




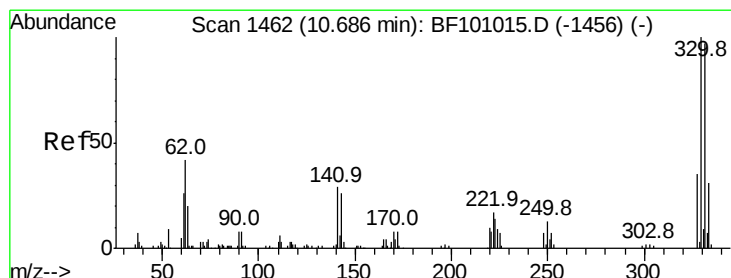
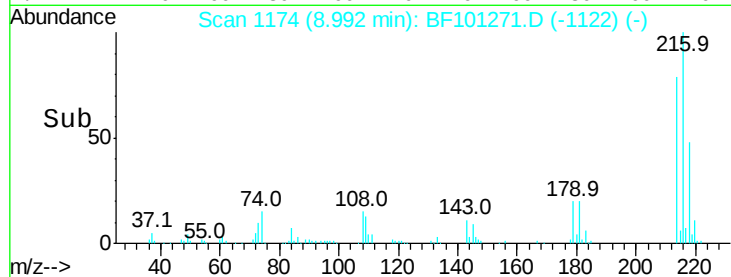
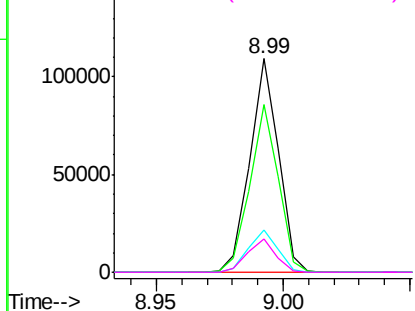
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.239 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 85937
 Ion Ratio Lower Upper
 216 100
 214 78.1 63.0 94.4
 179 20.3 18.1 27.1
 108 15.5 17.2 25.8#

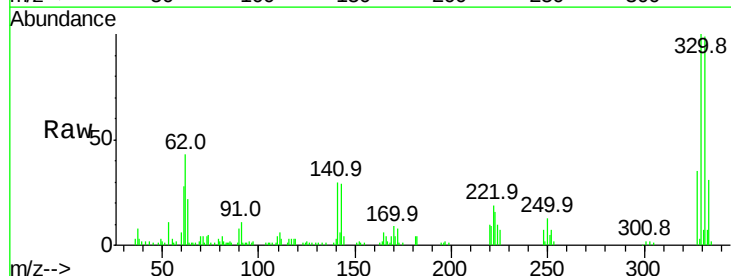


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

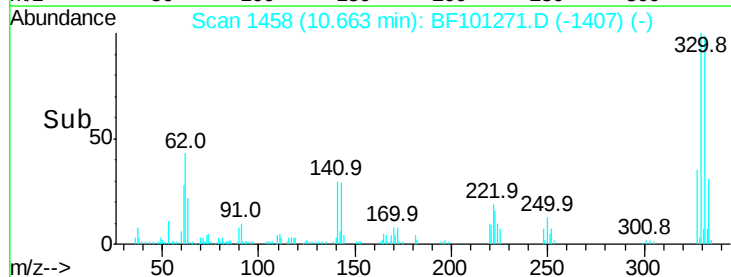
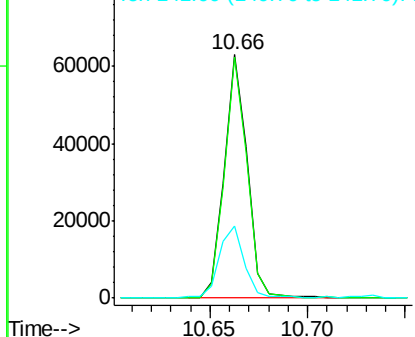


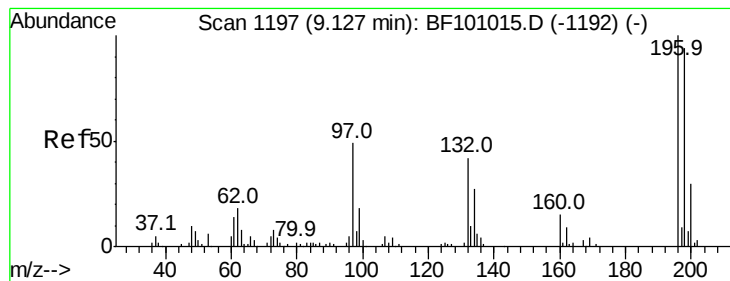
#41
 2,4,6-Tribromophenol
 Concen: 63.561 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion:330 Resp: 51256
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 32.6 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 20.990 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

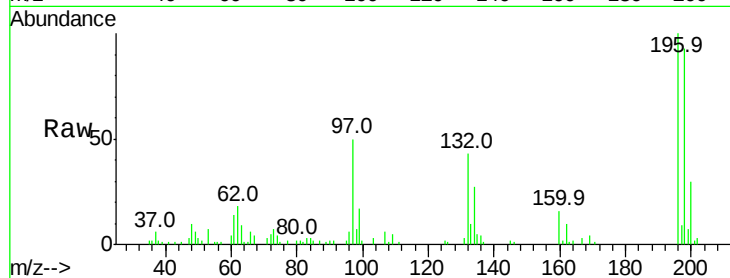
Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 30006

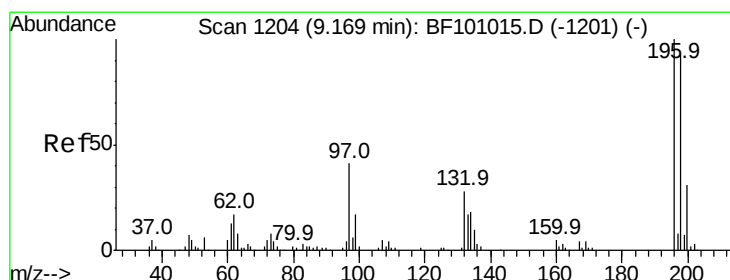
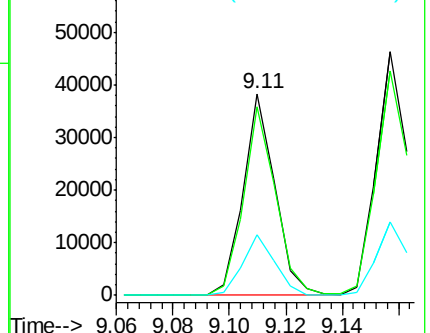
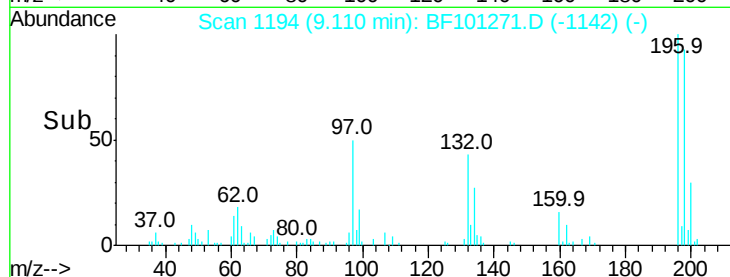
Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	30.1	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 26.318 ng

RT: 9.16 min Scan# 1202

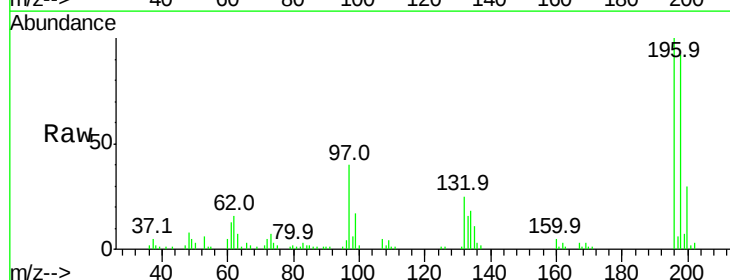
Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Tgt Ion:196 Resp: 40222

Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.6	112.0
97	40.5	42.9	64.3#
132	25.4	26.3	39.5#

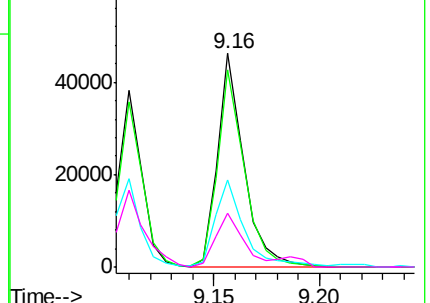
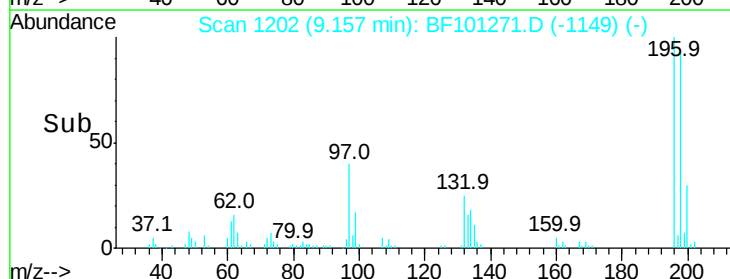


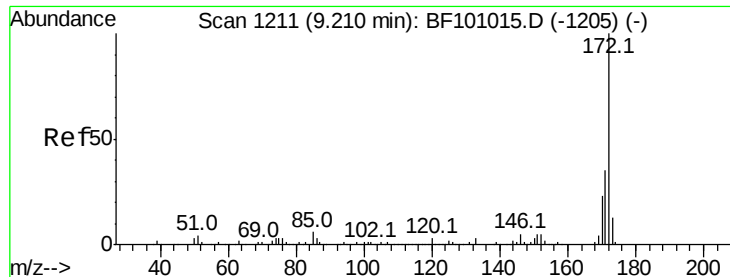
Abundance Ion 196.00 (195.70 to 196.70): E

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

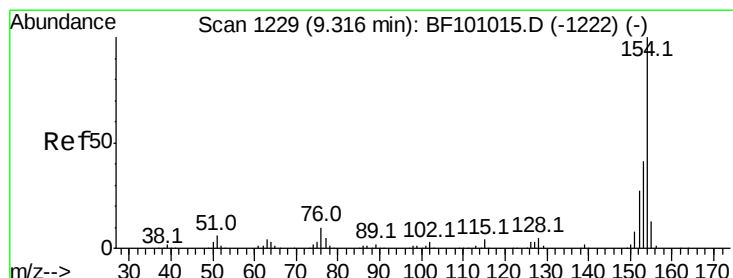
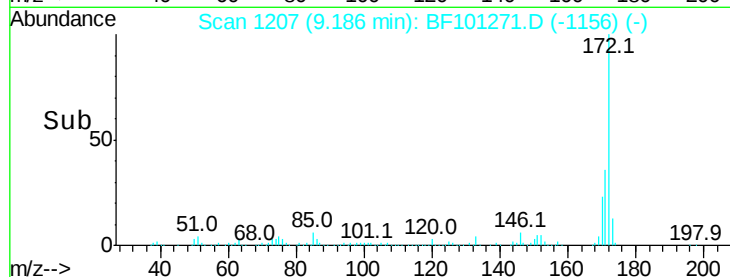
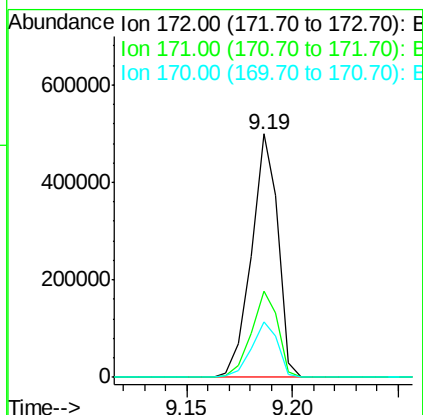
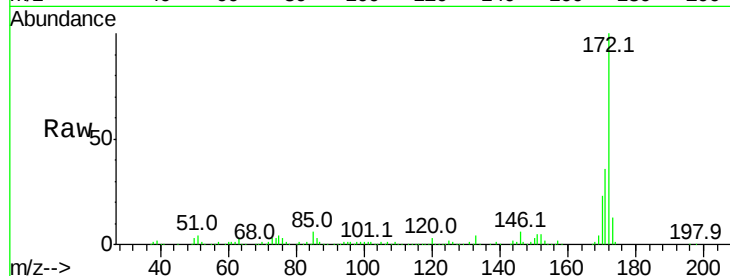




#44
2-Fluorobiphenyl
Concen: 88.528 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

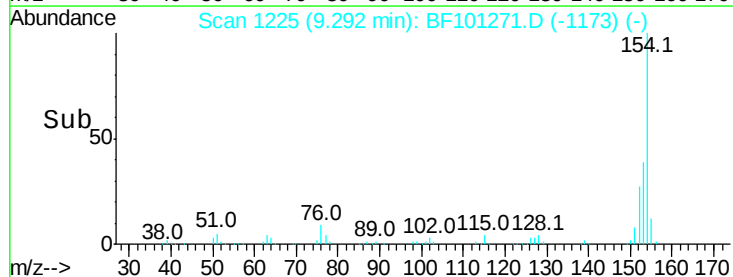
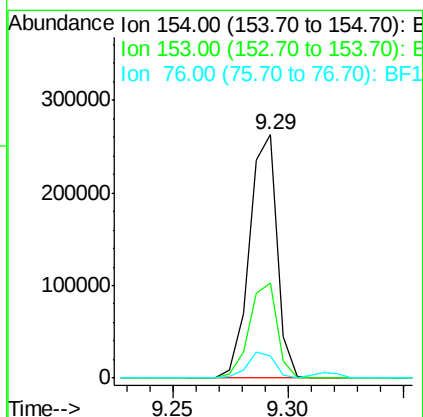
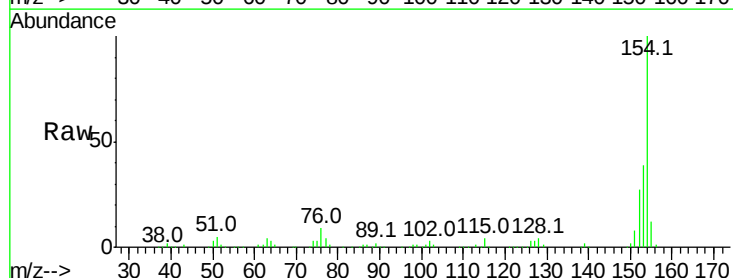
Instrument :
BNA_F
ClientSampleId :

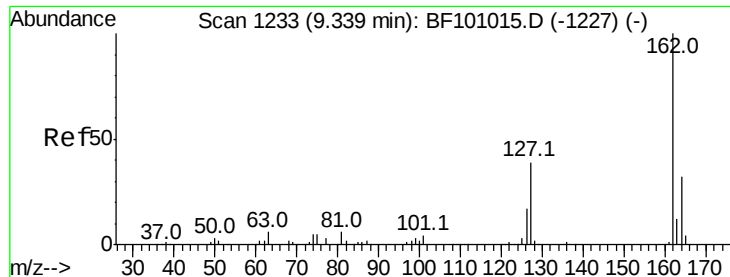
Tot Ion:172 Resp: 434351
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 22.8 19.6 29.4



#45
1,1'-Biphenyl
Concen: 35.920 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:154 Resp: 220924
Ion Ratio Lower Upper
154 100
153 39.2 21.3 61.3
76 9.3 0.0 34.0

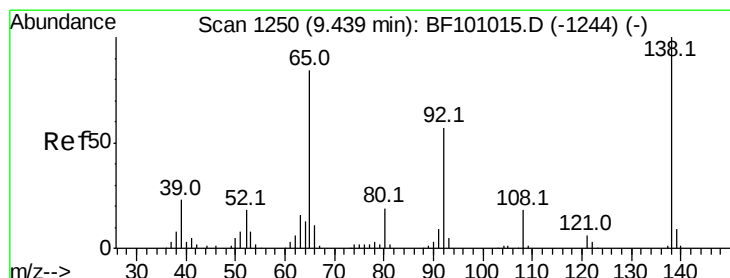
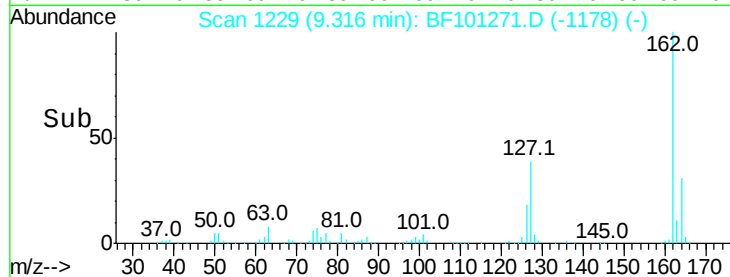
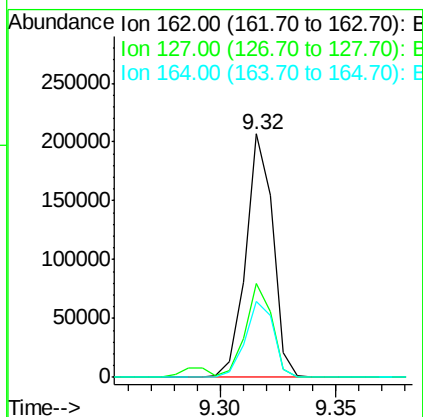
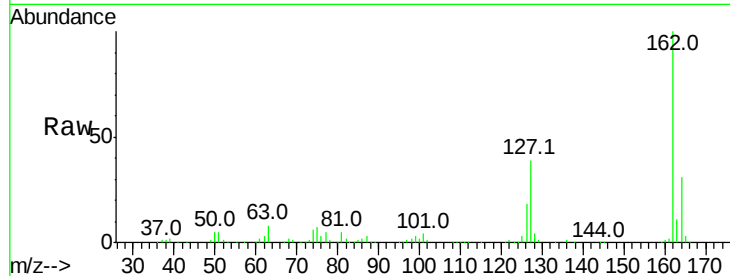




#46
 2-Chloronaphthalene
 Concen: 38.796 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

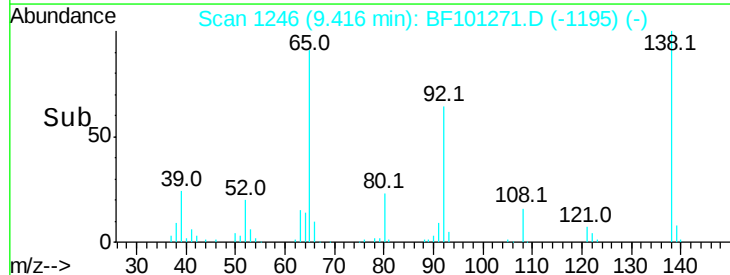
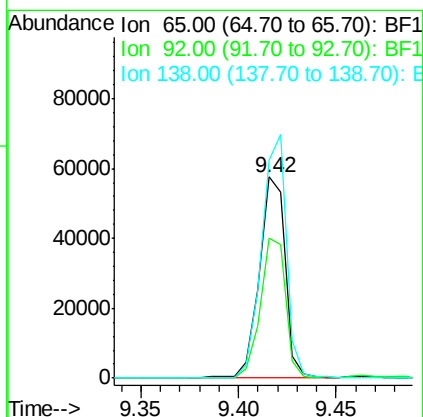
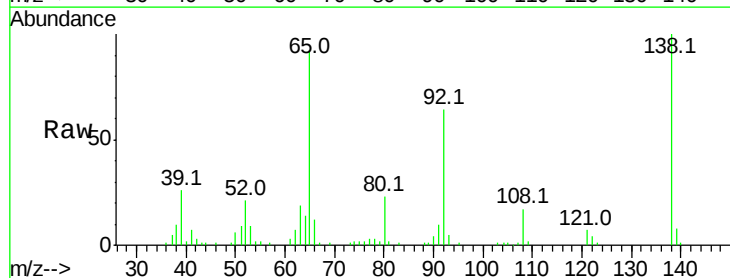
Instrument :
 BNA_F
 ClientSampleId :

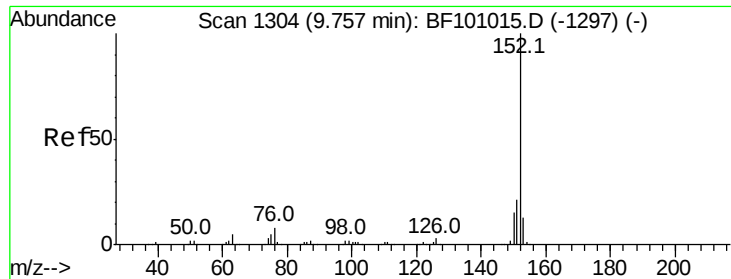
Tot Ion:162 Resp: 169454
 Ion Ratio Lower Upper
 162 100
 127 38.5 33.9 50.9
 164 31.5 26.5 39.7



#47
 2-Nitroaniline
 Concen: 40.837 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion: 65 Resp: 52773
 Ion Ratio Lower Upper
 65 100
 92 69.7 55.8 83.6
 138 108.5 91.2 136.8





#48

Acenaphthylene

Concen: 35.160 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

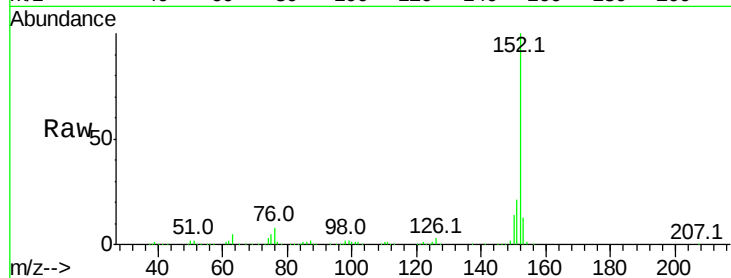
Tot Ion:152 Resp: 252381

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

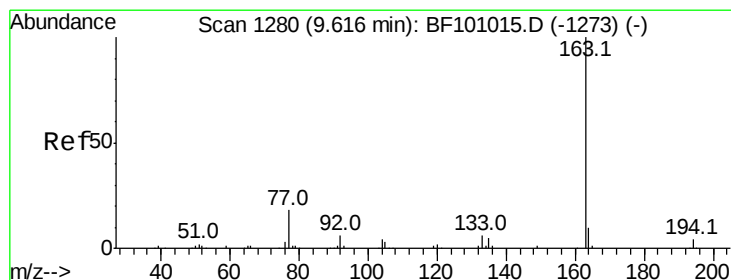
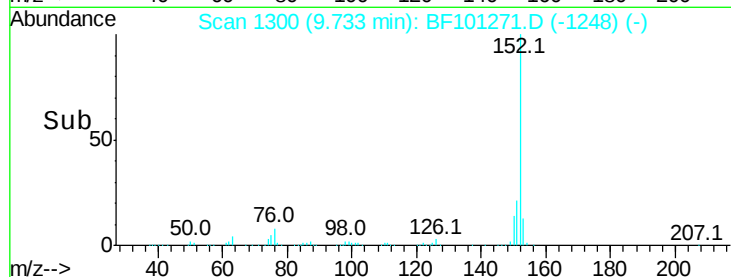
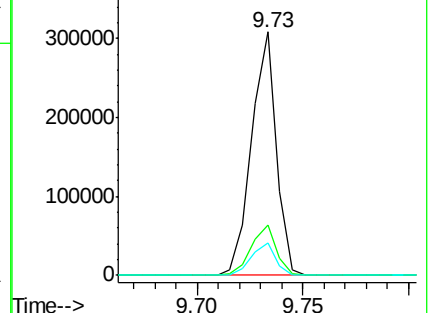
153 13.1 10.7 16.1



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: 44.137 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

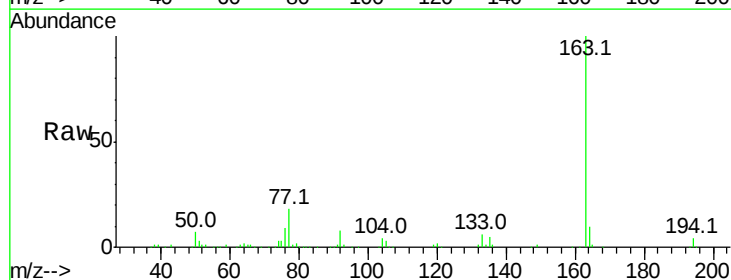
Tgt Ion:163 Resp: 238951

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

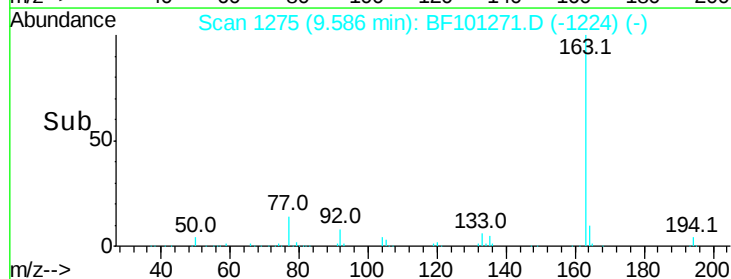
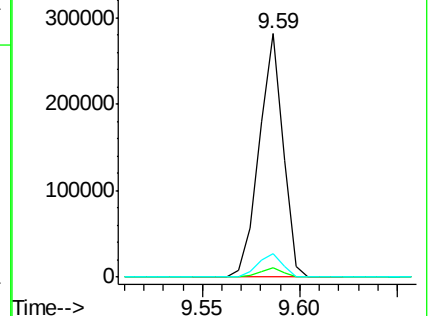
164 9.7 8.2 12.2

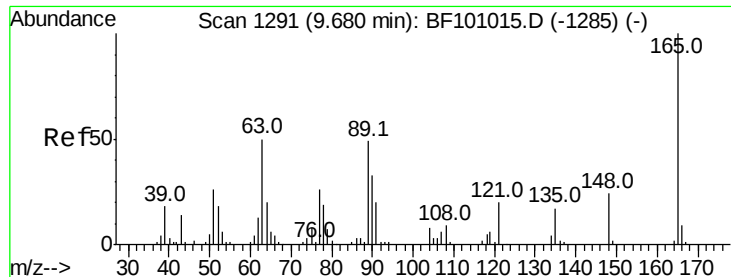


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

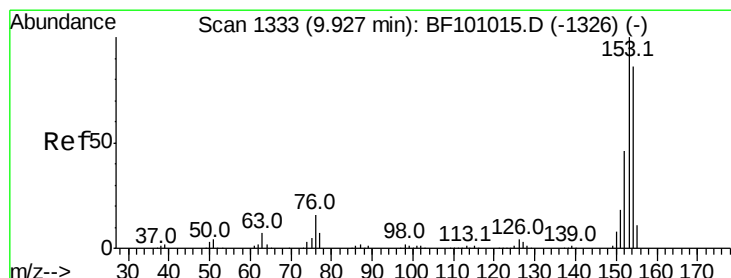
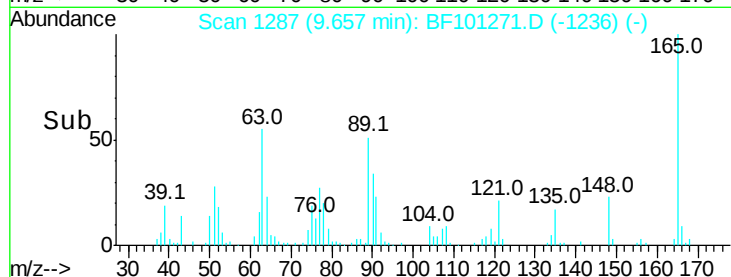
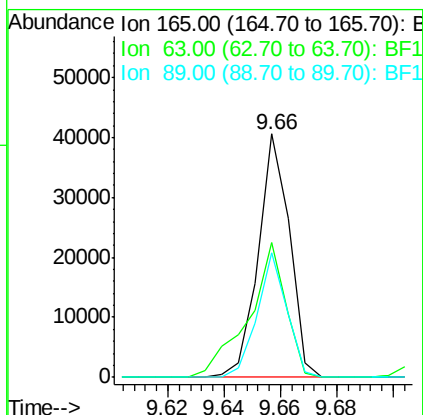
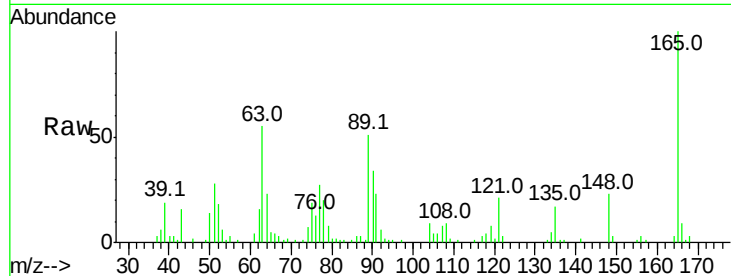




#50
 2,6-Dinitrotoluene
 Concen: 27.232 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

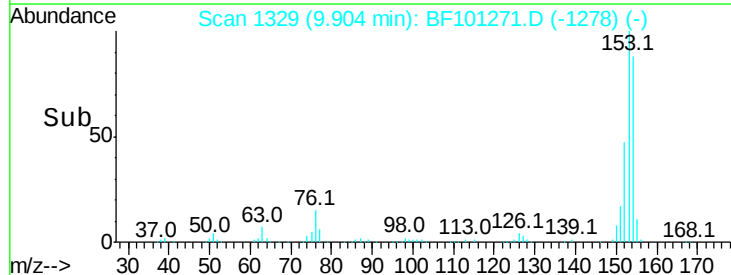
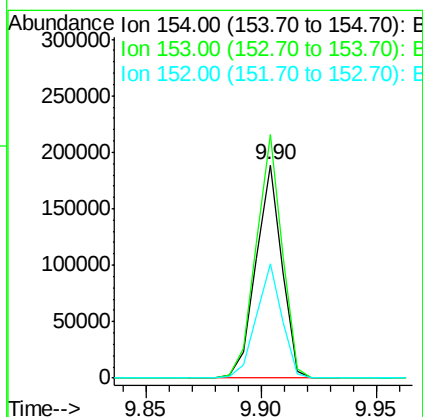
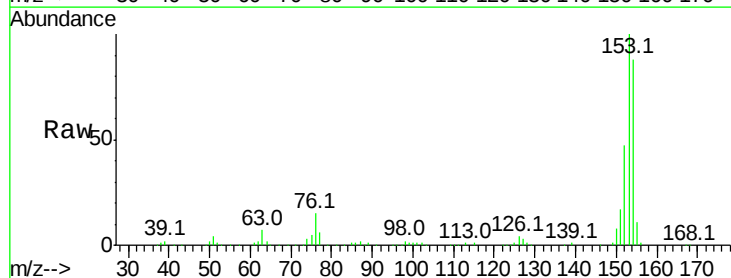
Instrument :
 BNA_F
 ClientSampled :

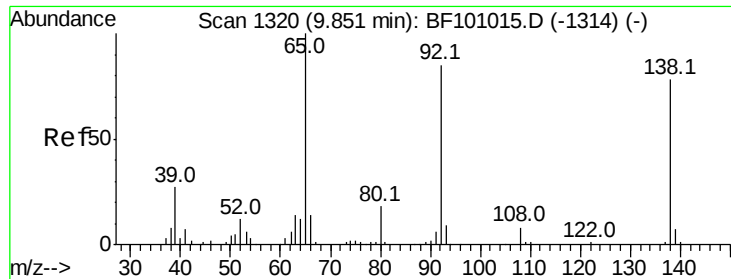
Tot Ion:165 Resp: 31052
 Ion Ratio Lower Upper
 165 100
 63 55.5 44.7 67.1
 89 50.9 44.0 66.0



#51
 Acenaphthene
 Concen: 34.403 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion:154 Resp: 147871
 Ion Ratio Lower Upper
 154 100
 153 114.0 91.2 136.8
 152 53.4 43.8 65.8

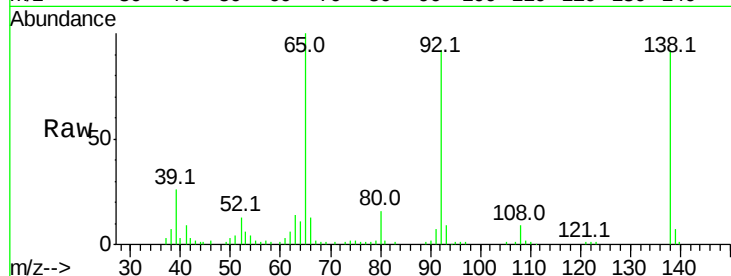




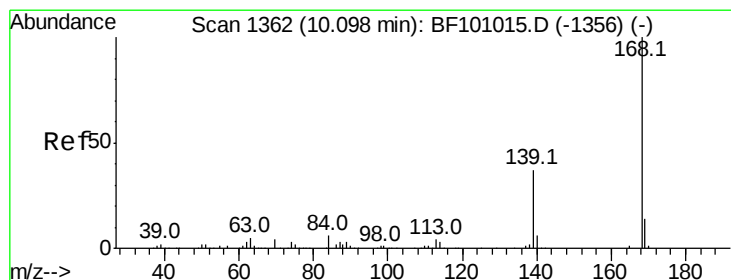
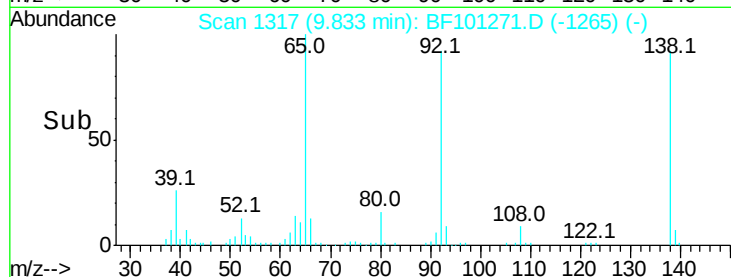
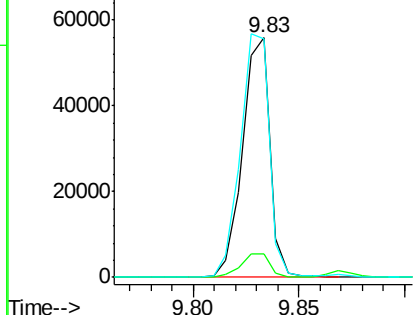
#52
3-Nitroaniline
Concen: 39.209 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 50278
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 99.7 89.4 134.2

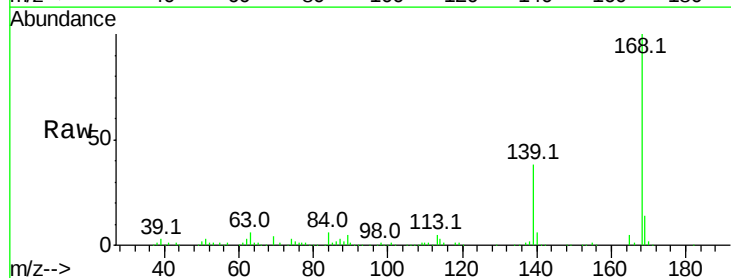


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

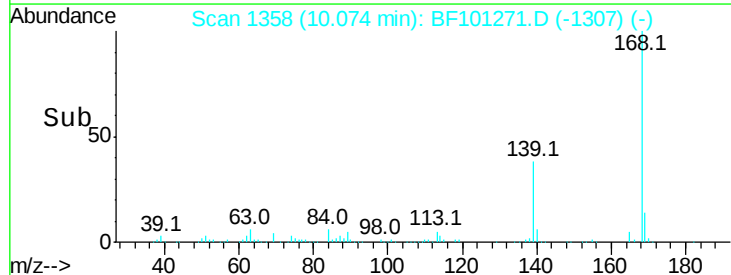
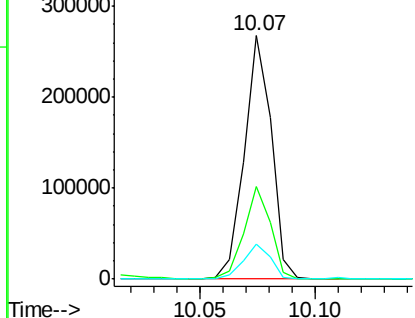


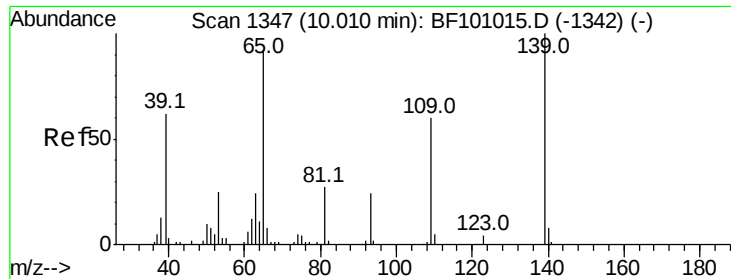
#54
Dibenzofuran
Concen: 35.400 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:168 Resp: 219271
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

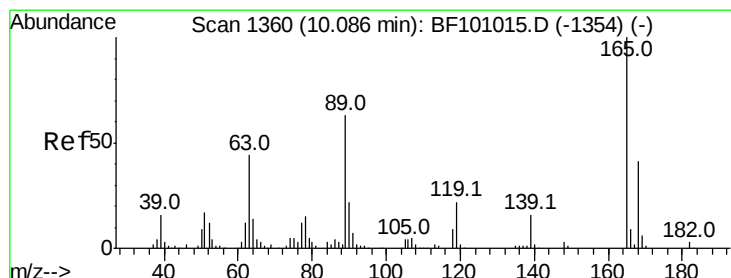
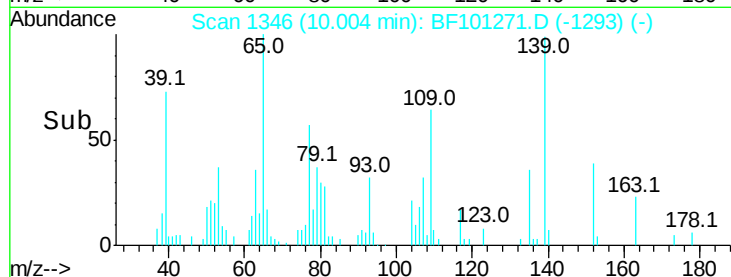
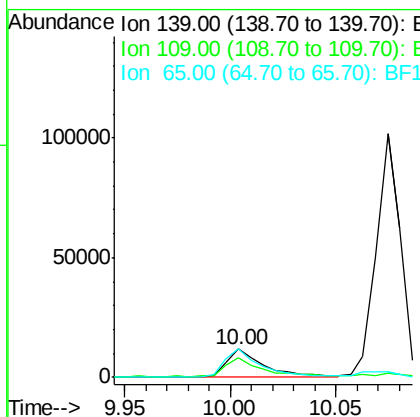
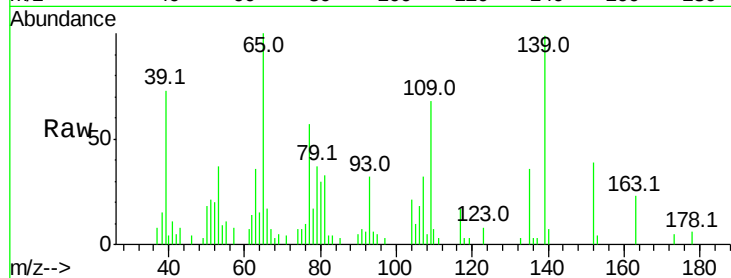




#55
4-Nitrophenol
Concen: 16.493 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

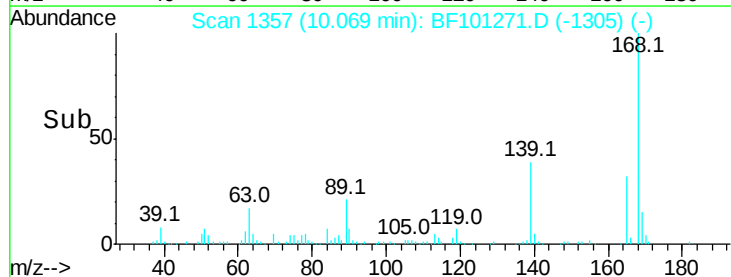
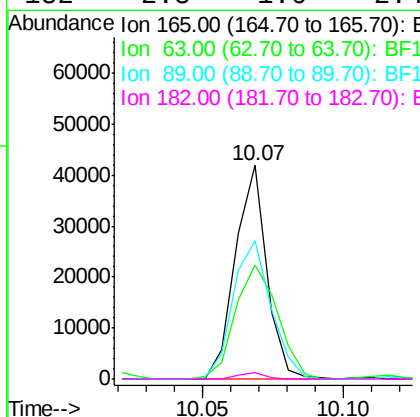
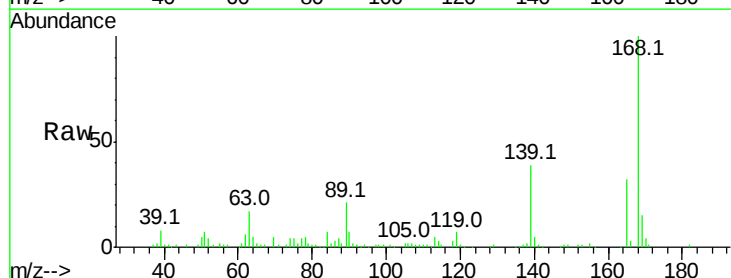
Instrument :
BNA_F
ClientSampled :

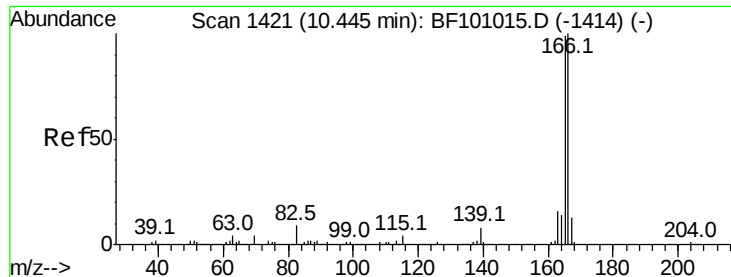
Tot Ion:139 Resp: 14263
Ion Ratio Lower Upper
139 100
109 68.1 48.4 88.4
65 100.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 21.156 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:165 Resp: 32330
Ion Ratio Lower Upper
165 100
63 53.3 36.4 54.6
89 64.9 57.8 86.6
182 2.8 1.6 2.4#

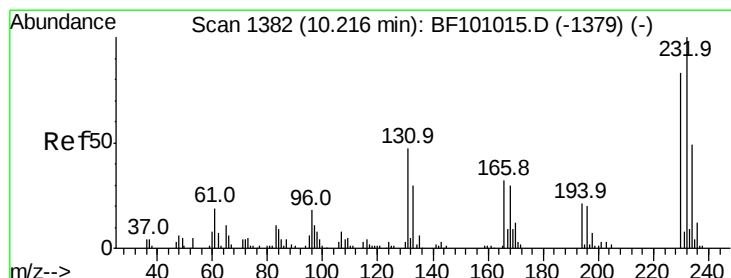
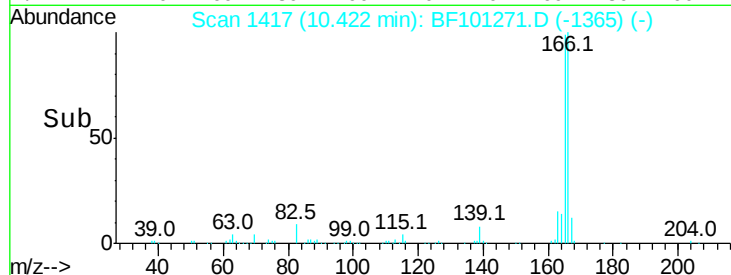
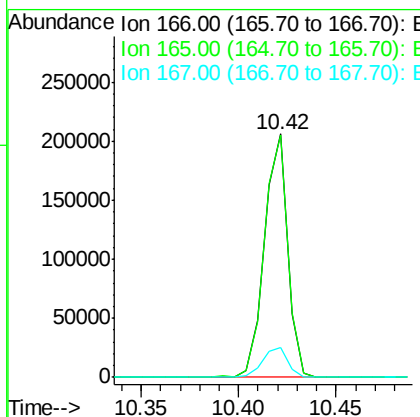
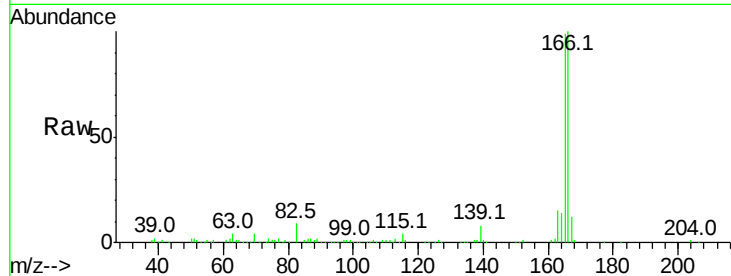




#57
 Fluorene
 Concen: 33.715 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

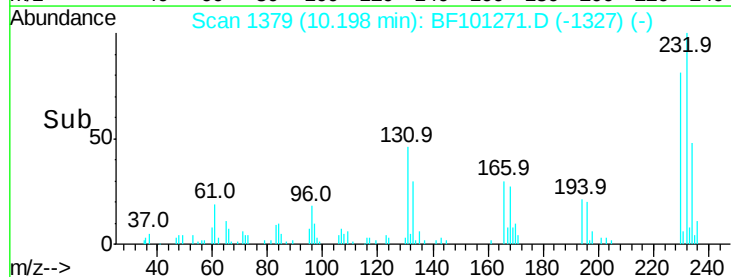
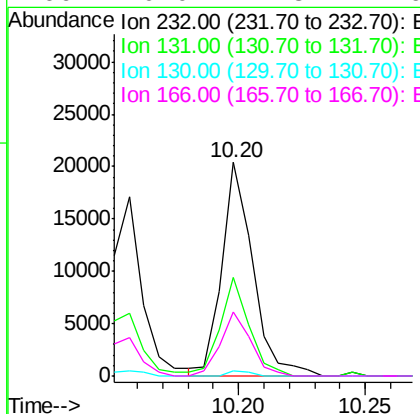
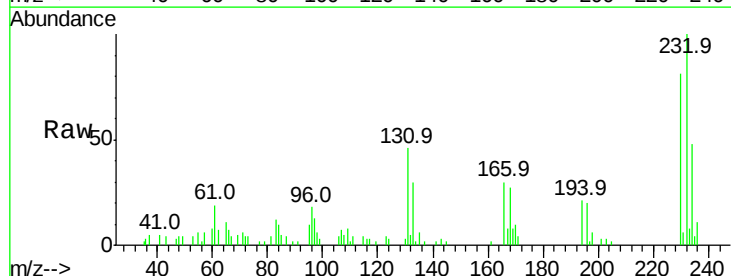
Instrument :
 BNA_F
 ClientSampleId :

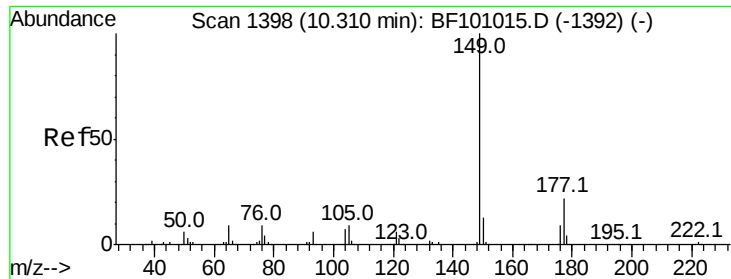
Tot Ion:166 Resp: 169763
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 12.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.239 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion:232 Resp: 17424
 Ion Ratio Lower Upper
 232 100
 131 43.6 43.8 65.8#
 130 2.0 2.1 3.1#
 166 0.0 27.8 41.6#

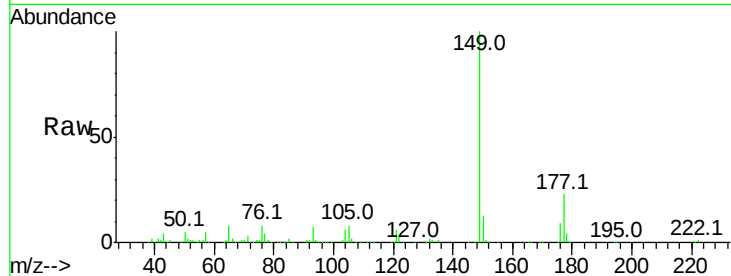




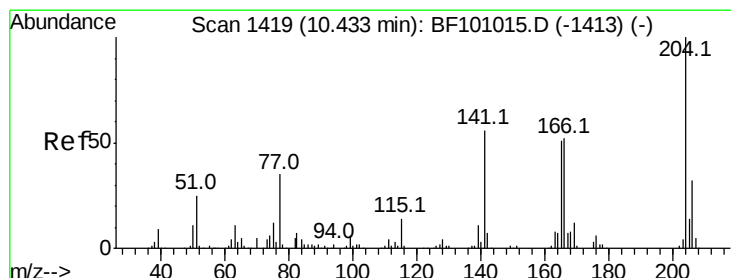
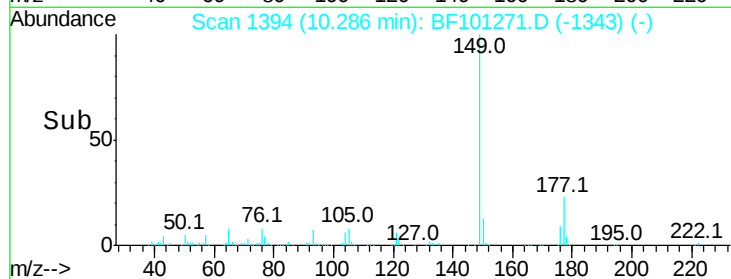
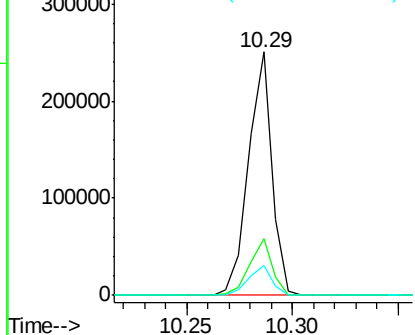
#59
Diethylphthalate
Concen: 36.295 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 193807
Ion Ratio Lower Upper
149 100
177 23.3 16.1 24.1
150 12.5 10.1 15.1

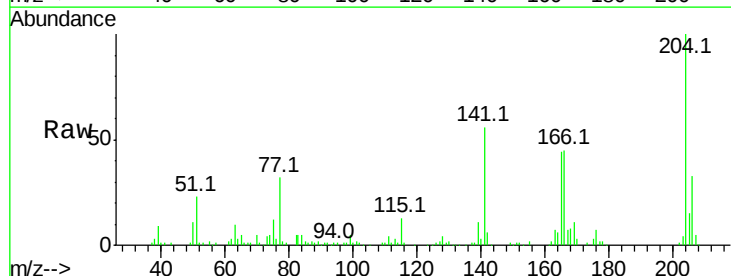


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

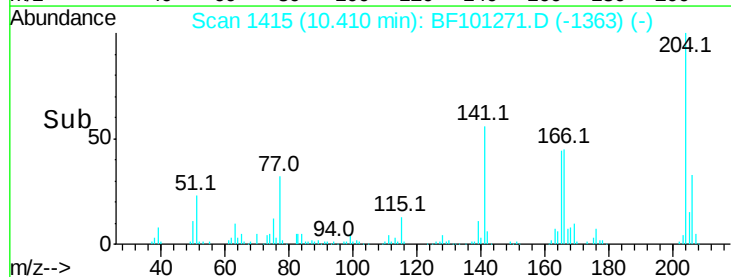
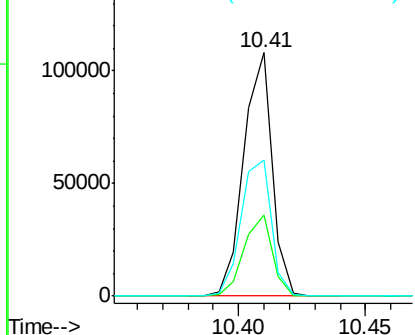


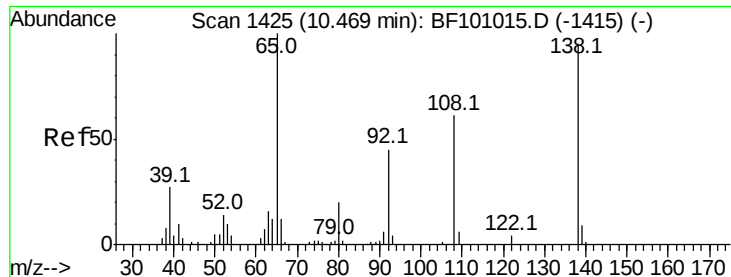
#60
4-Chlorophenyl-phenylether
Concen: 33.909 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:204 Resp: 84302
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 55.7 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

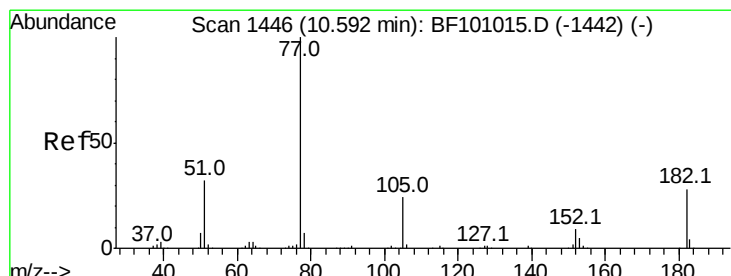
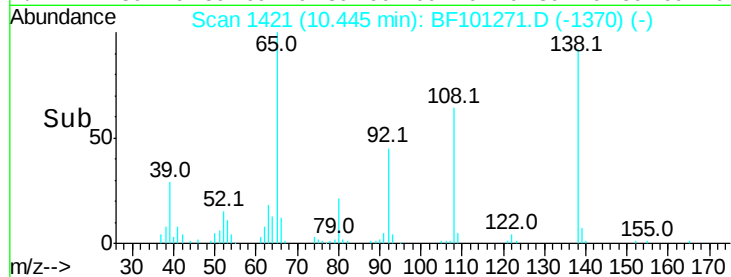
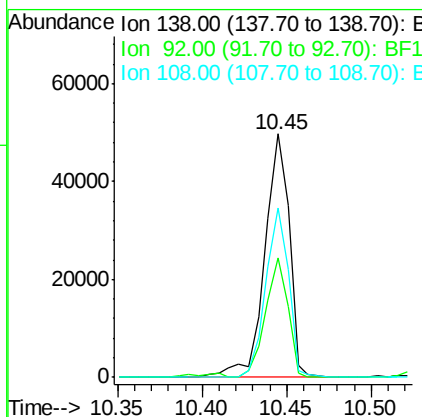
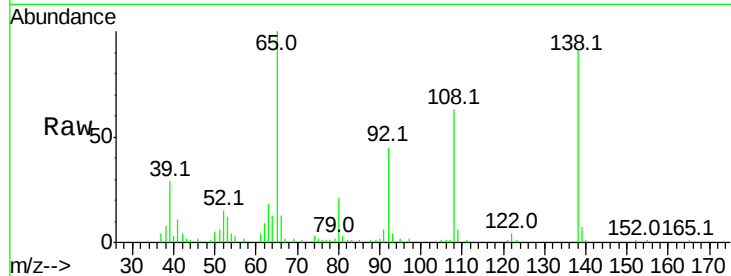




#61
4-Nitroaniline
Concen: 37.543 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

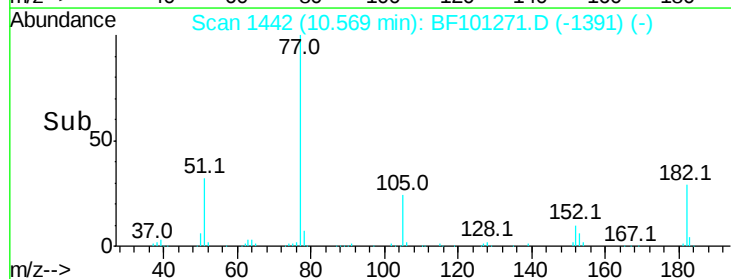
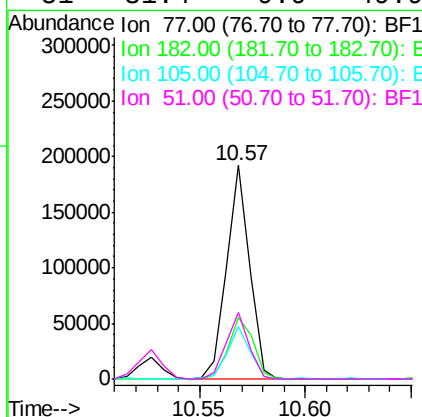
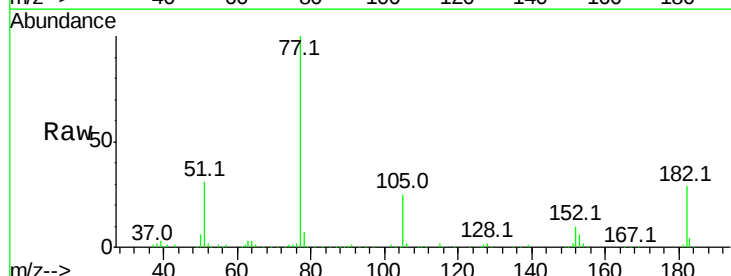
Instrument :
BNA_F
ClientSampleId :

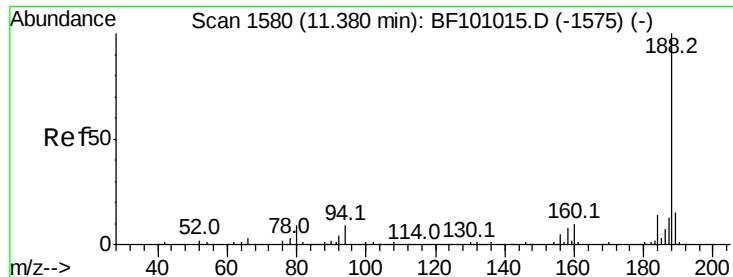
Tot Ion:138 Resp: 49974
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 69.5 52.5 92.5



#62
Azobenzene
Concen: 31.410 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion: 77 Resp: 142338
Ion Ratio Lower Upper
77 100
182 28.9 1.7 41.7
105 24.7 3.0 43.0
51 31.4 9.9 49.9

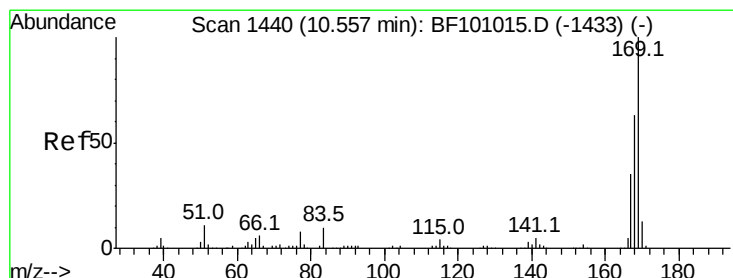
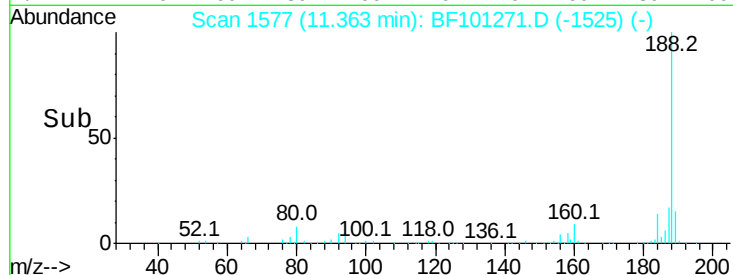
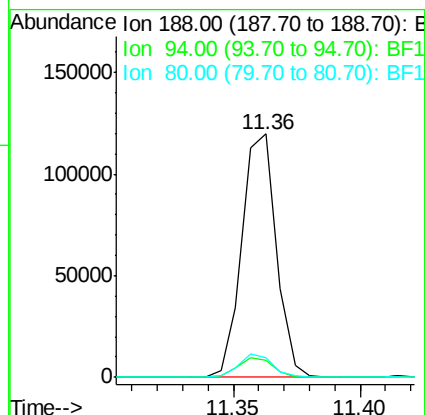
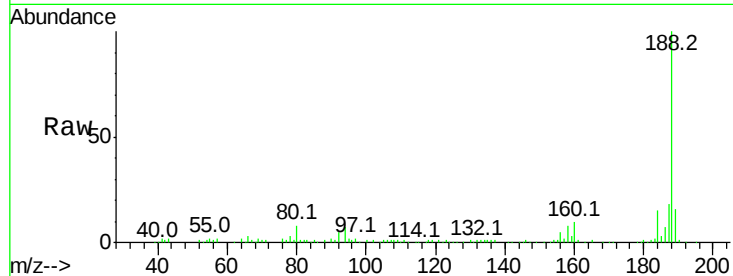




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

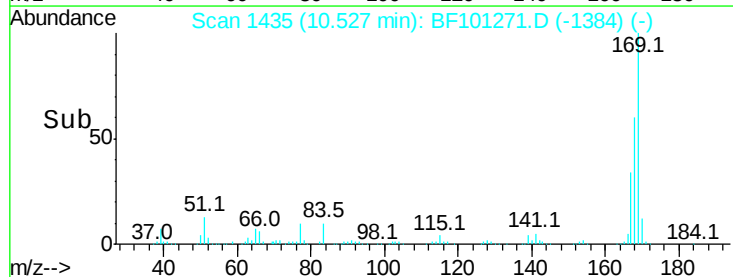
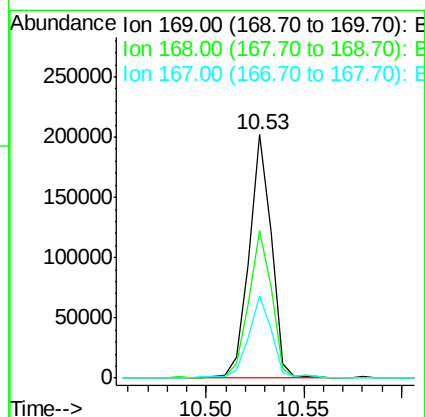
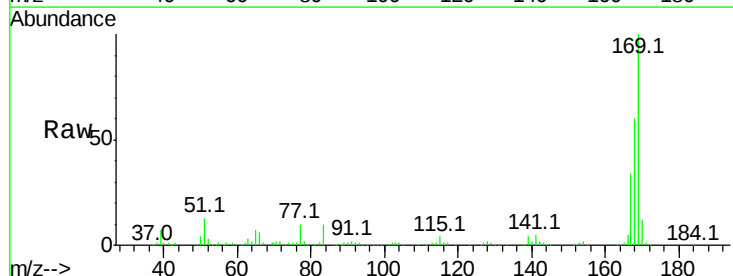
Instrument :
BNA_F
ClientSampleId :

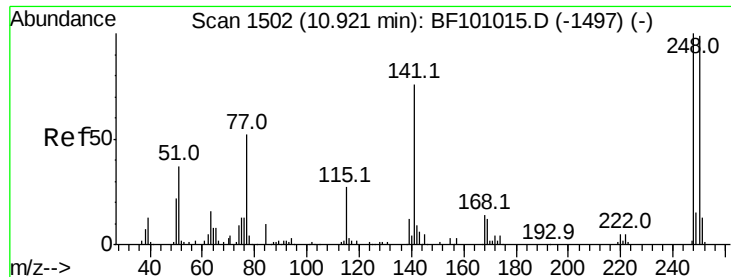
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	8.2	9.2	13.8#



#65
n-Nitrosodiphenylamine
Concen: 40.164 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	60.4	54.4	81.6
167	33.6	29.8	44.6

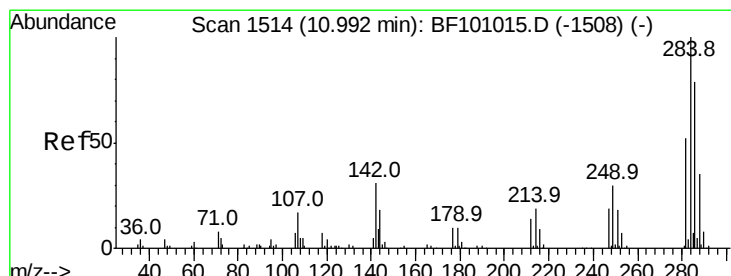
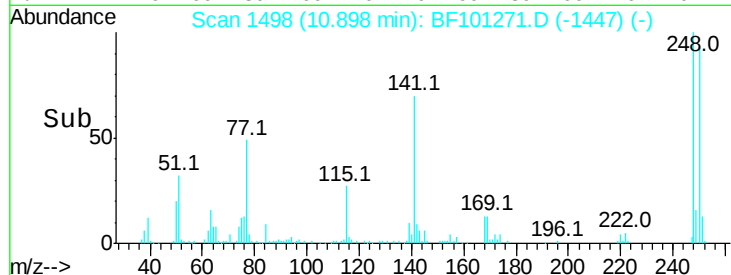
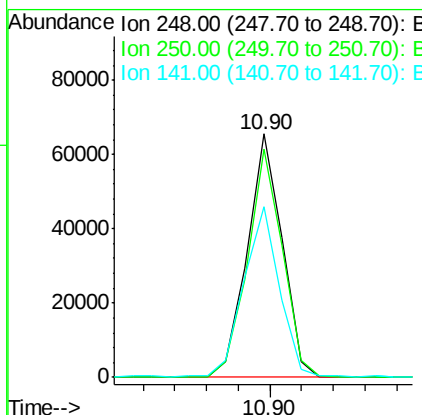
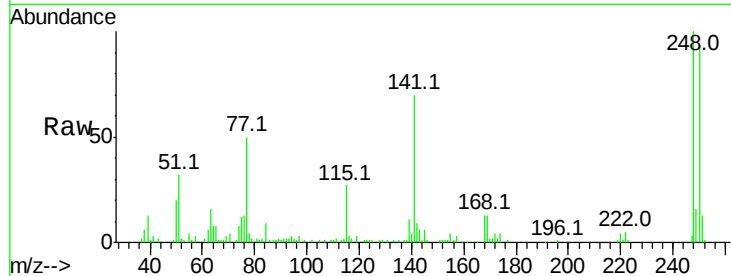




#66
 4-Bromophenyl-phenylether
 Concen: 39.391 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

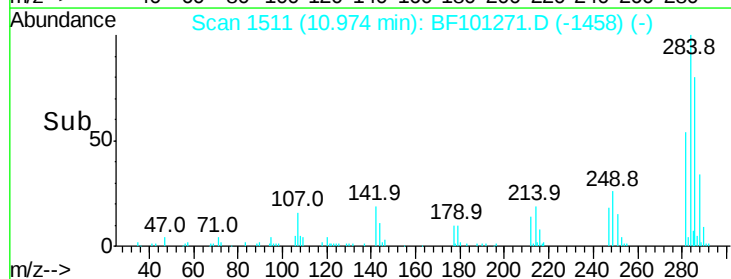
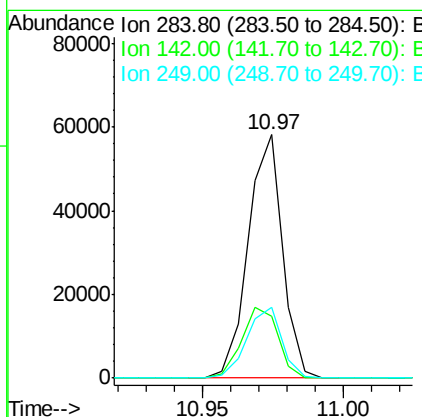
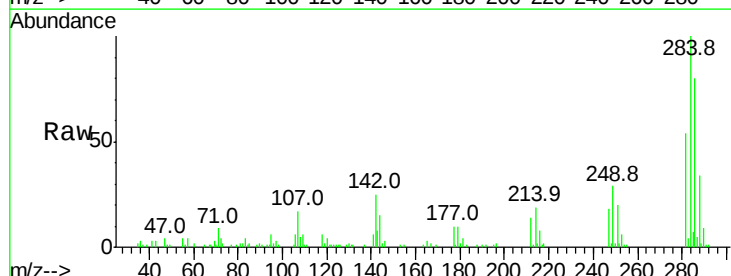
Instrument :
 BNA_F
 ClientSampled :

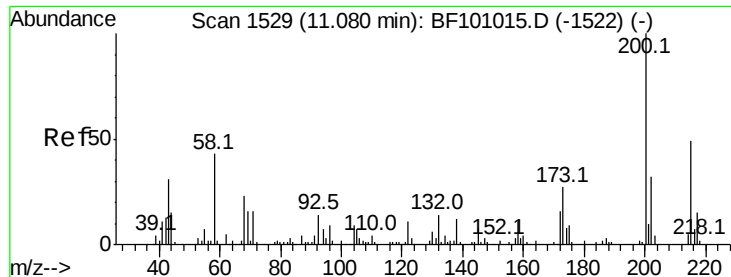
Tot Ion:248 Resp: 49823
 Ion Ratio Lower Upper
 248 100
 250 93.5 76.9 115.3
 141 70.2 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 36.071 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF101271.D
 Acq: 9 Dec 2017 8:51

Tgt Ion:284 Resp: 48897
 Ion Ratio Lower Upper
 284 100
 142 25.4 34.6 52.0#
 249 28.9 24.8 37.2

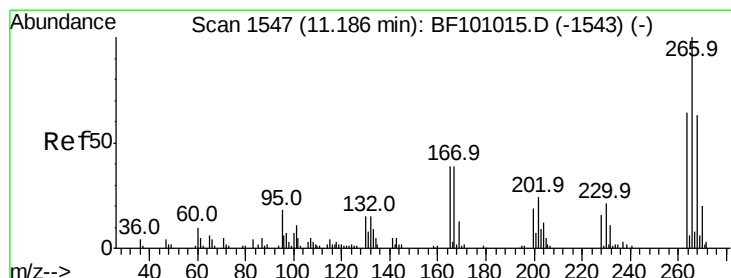
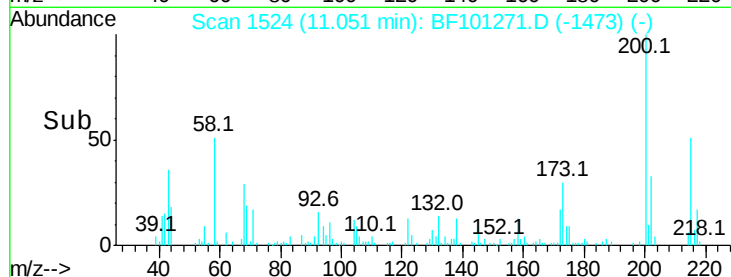
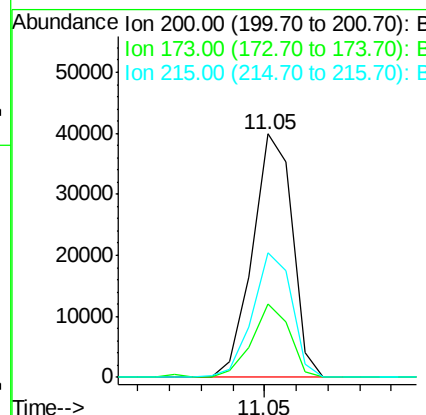
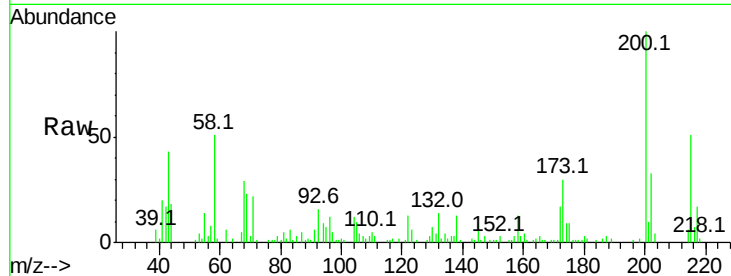




#68
Atrazine
Concen: 28.371 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

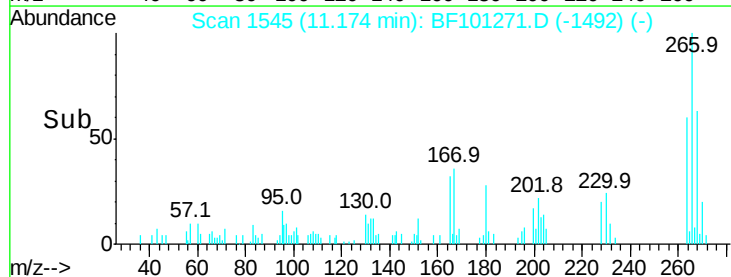
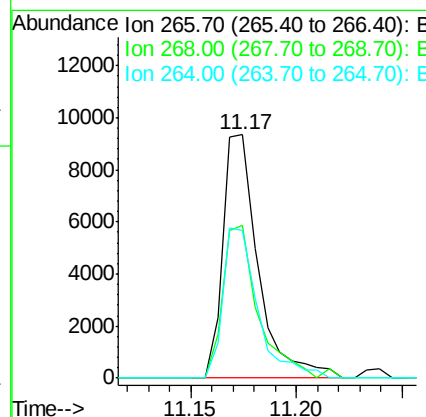
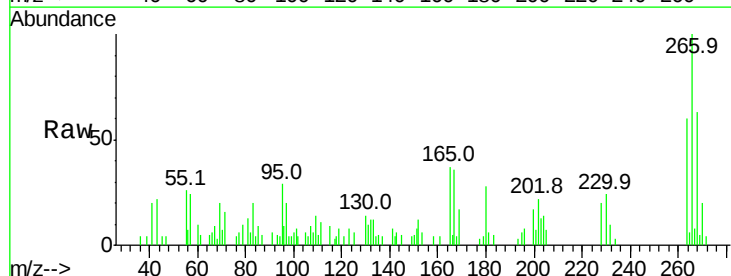
Instrument :
BNA_F
ClientSampleId :

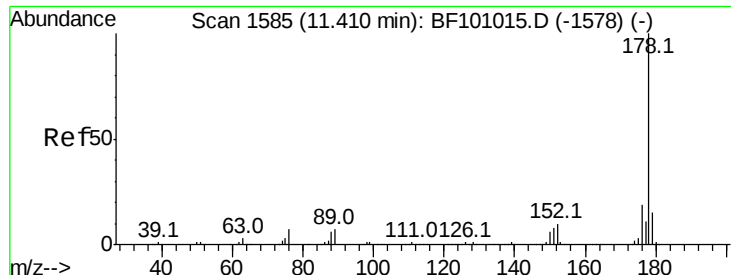
Tot Ion:200 Resp: 34693
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 51.1 25.1 65.1



#69
Pentachlorophenol
Concen: 14.620 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:266 Resp: 10897
Ion Ratio Lower Upper
266 100
268 62.7 51.1 76.7
264 60.4 49.5 74.3

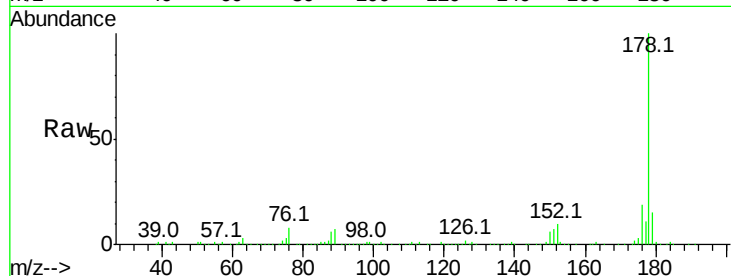




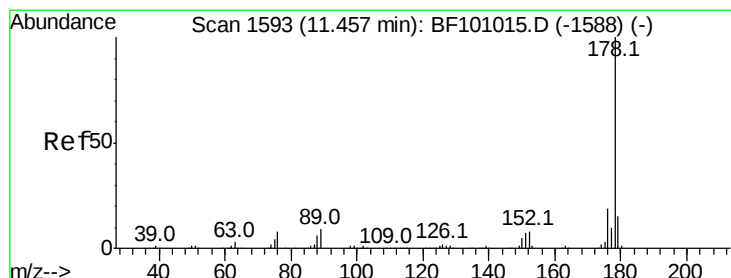
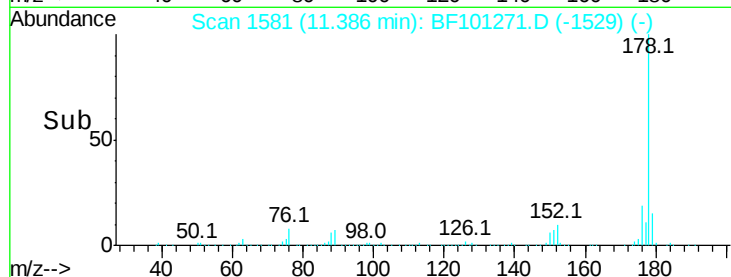
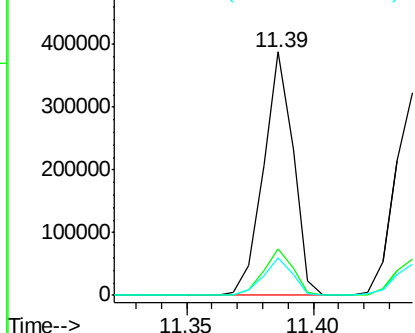
#70
Phenanthrene
Concen: 51.271 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 319044
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.2 13.0 19.6

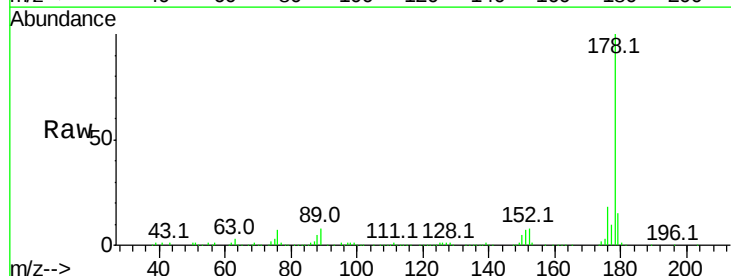


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

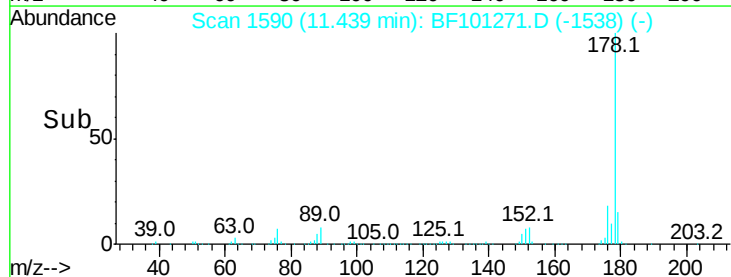
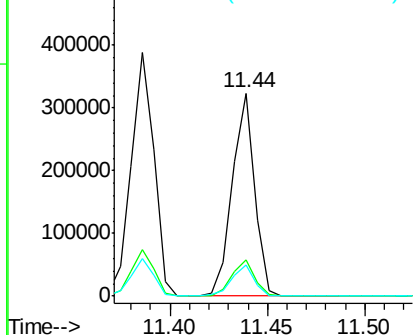


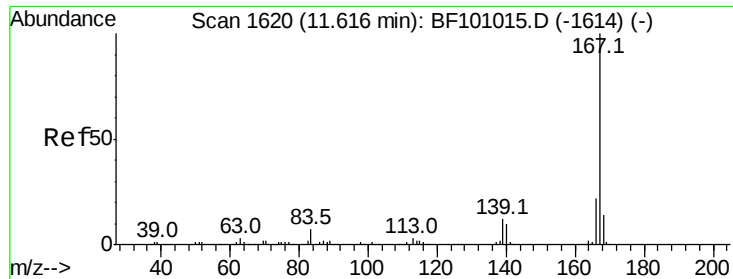
#71
Anthracene
Concen: 40.871 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:178 Resp: 257406
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.4 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: 36.900 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

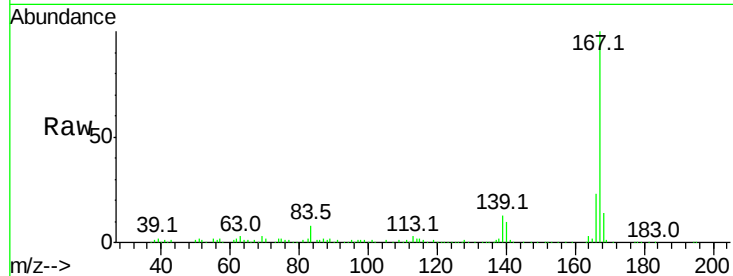
Tot Ion:167 Resp: 212332

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

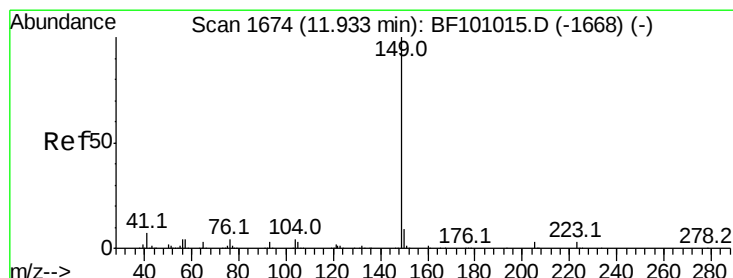
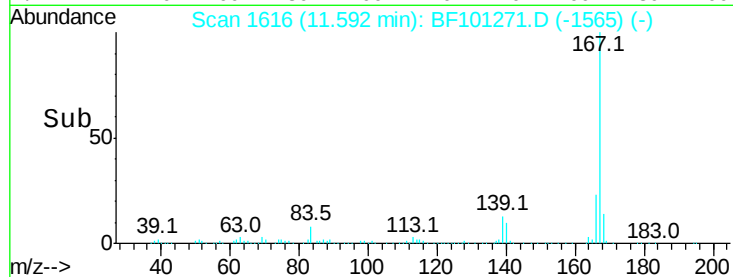
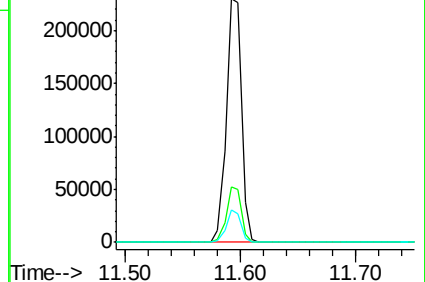
139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.069 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

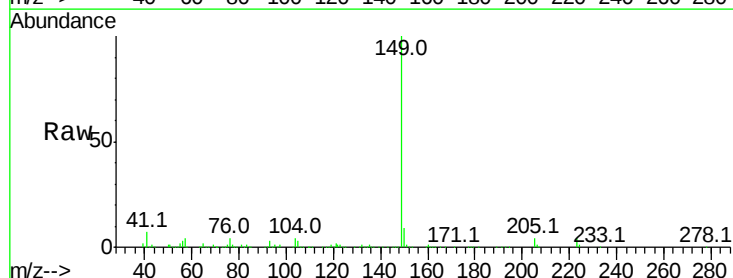
Tgt Ion:149 Resp: 267358

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

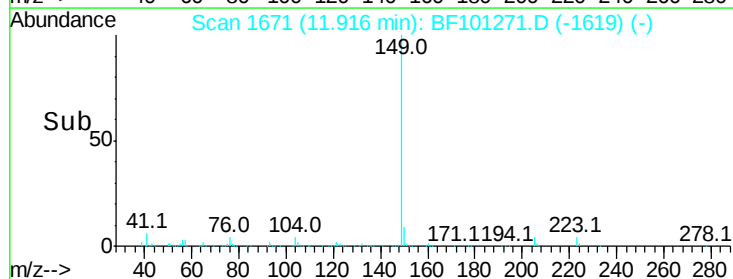
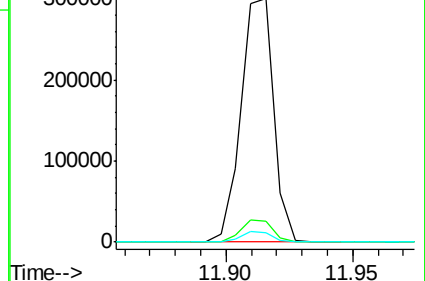
104 4.1 3.8 5.8

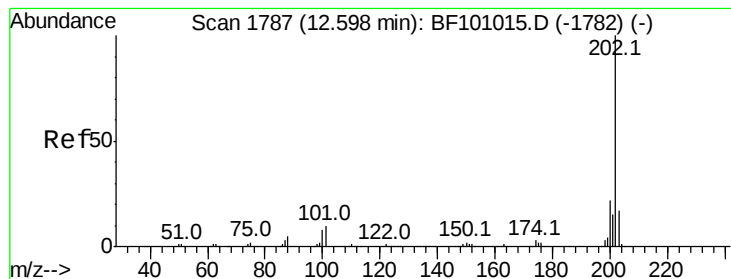


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 55.058 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

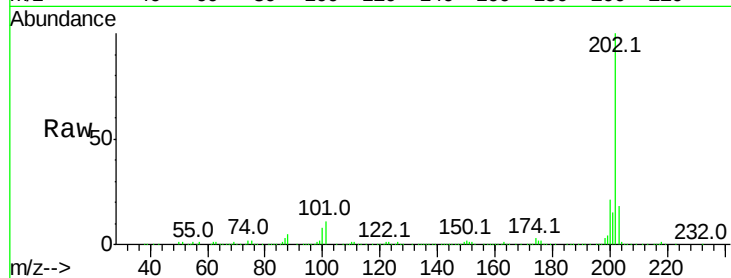
Tot Ion:202 Resp: 379777

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

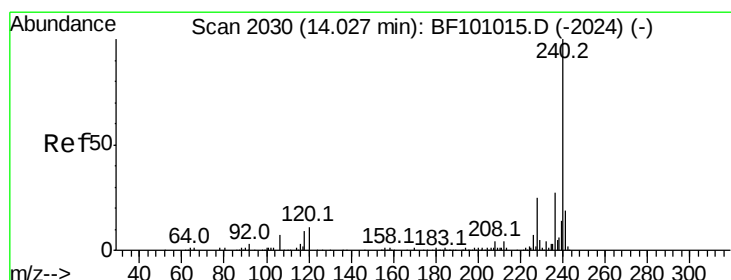
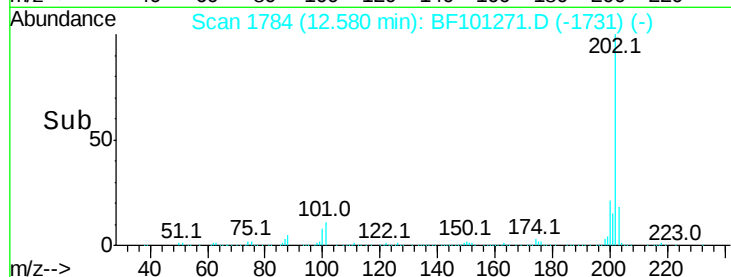
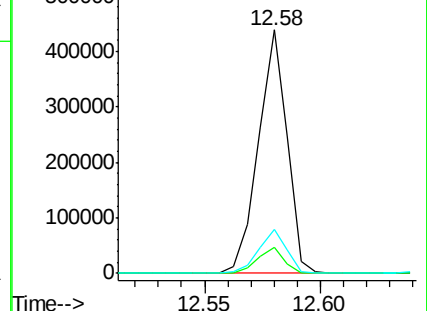
203 18.0 0.0 38.1



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: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

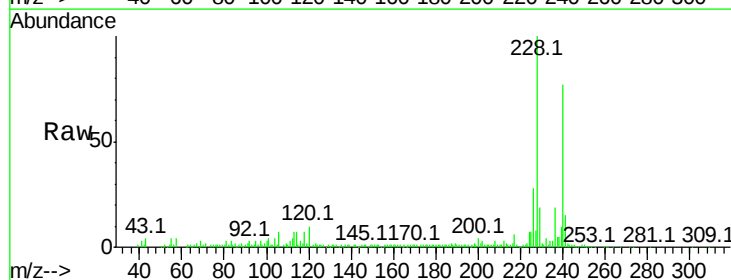
Tgt Ion:240 Resp: 84663

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

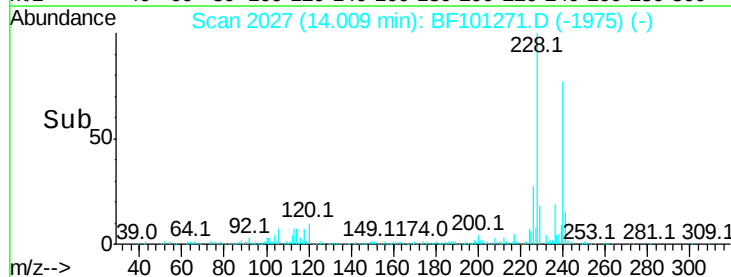
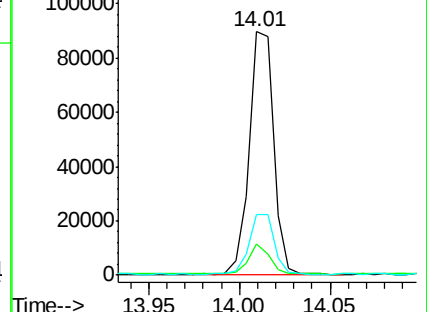
236 24.8 20.7 31.1

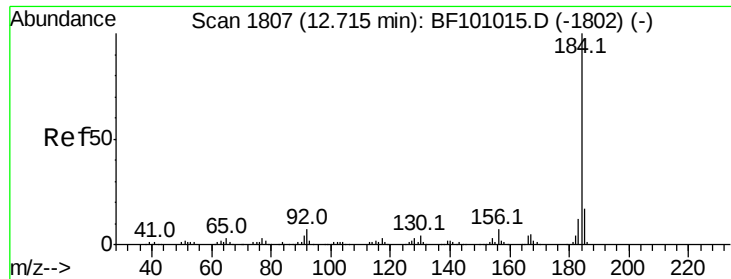


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 39.601 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

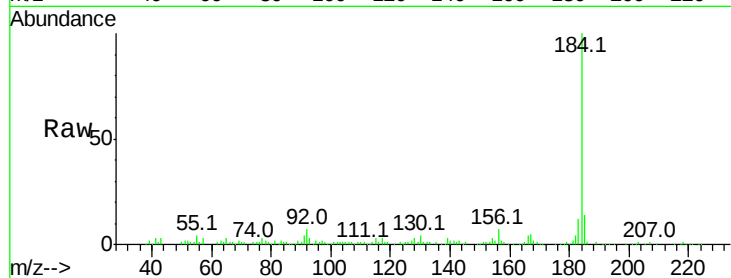
Tot Ion:184 Resp: 109026

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

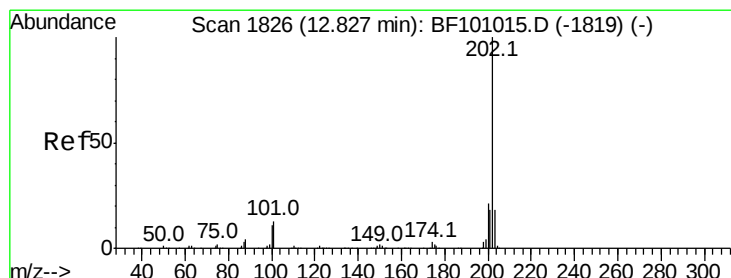
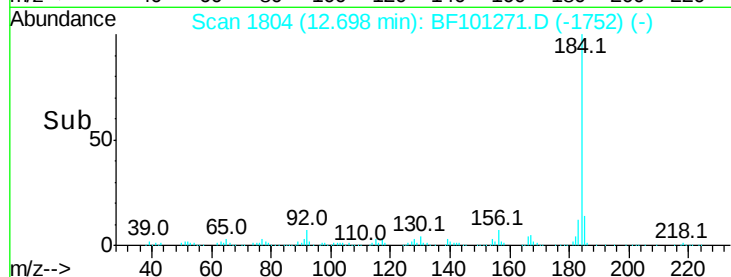
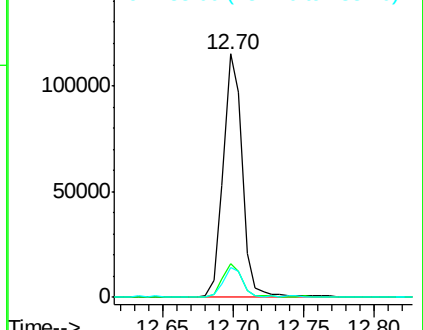
183 12.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 63.585 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

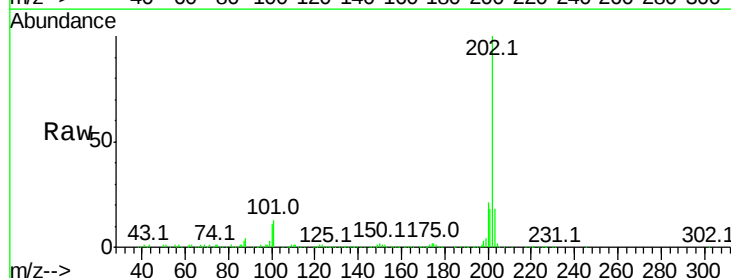
Tgt Ion:202 Resp: 371467

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

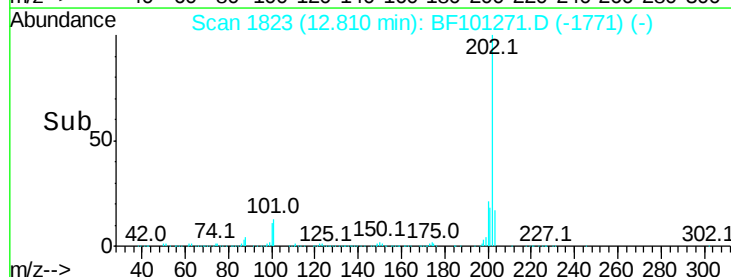
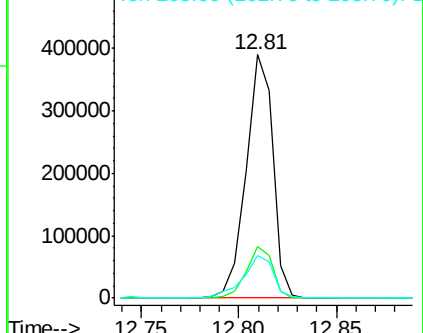
203 17.7 14.3 21.5

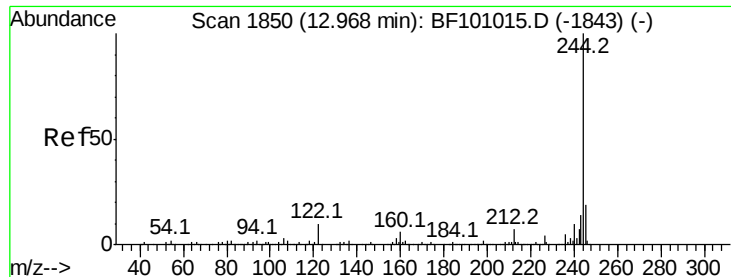


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.681 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampled :

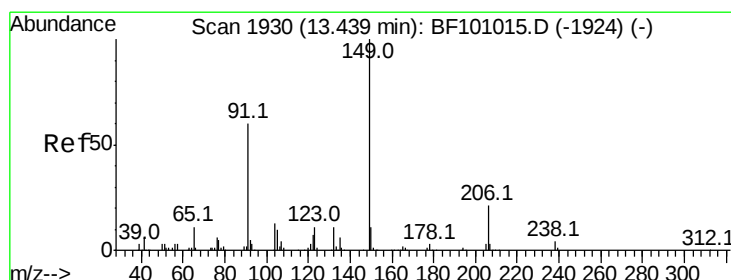
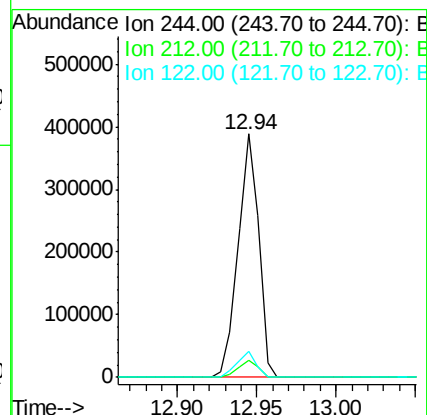
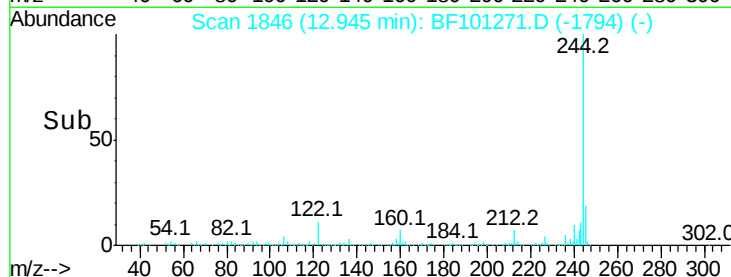
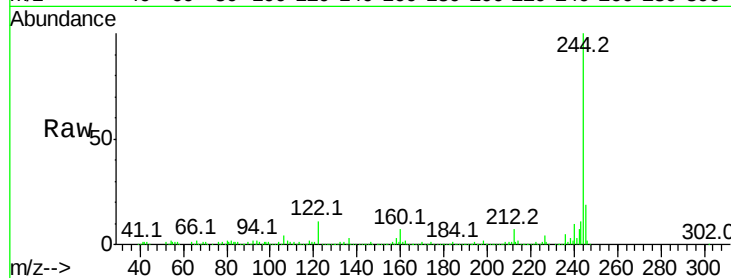
Tot Ion:244 Resp: 351001

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.6 11.0 16.4#



#79

Butylbenzylphthalate

Concen: 41.302 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

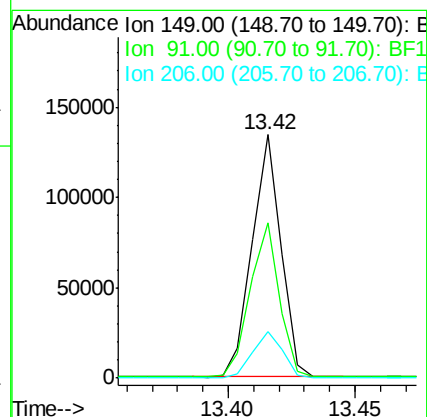
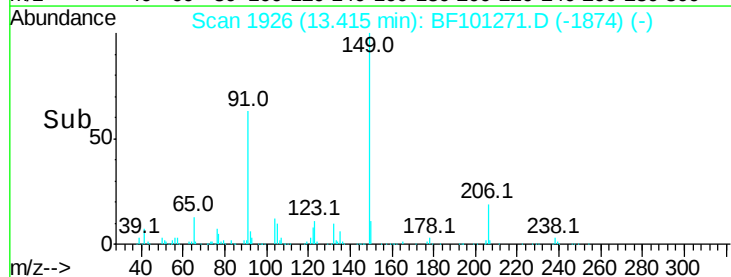
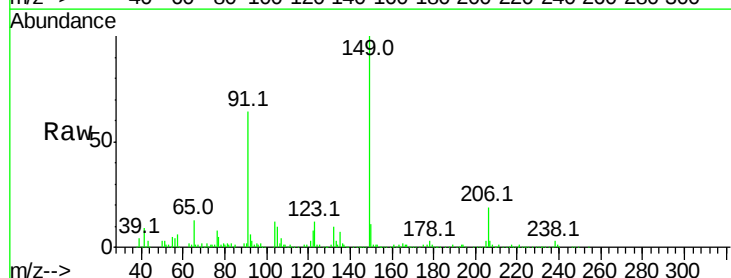
Tgt Ion:149 Resp: 106380

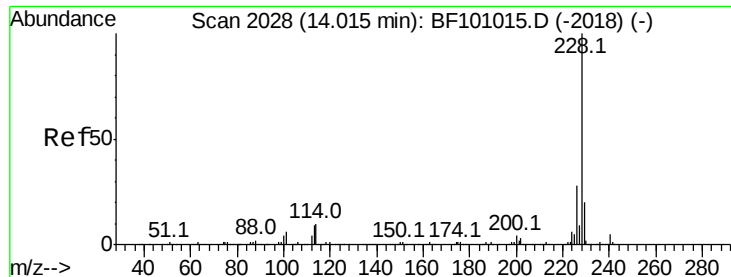
Ion Ratio Lower Upper

149 100

91 63.8 56.8 85.2

206 19.3 14.1 21.1





#80

Benzo(a)anthracene

Concen: 47.294 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

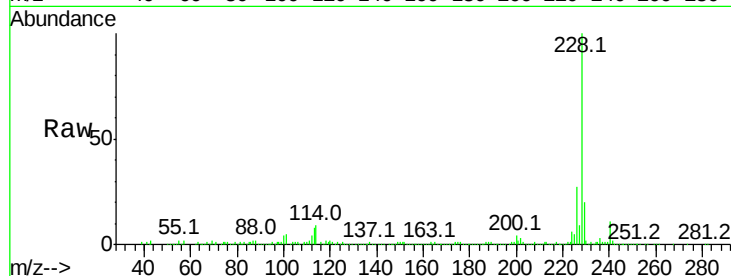
Tot Ion:228 Resp: 252812

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

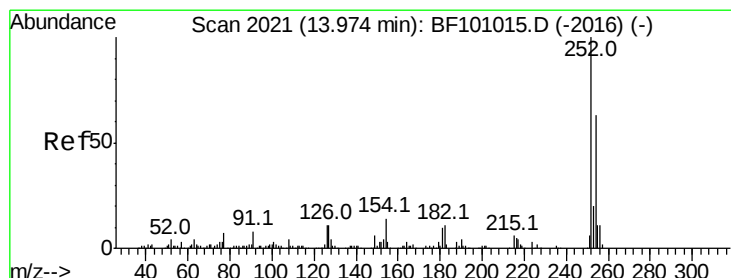
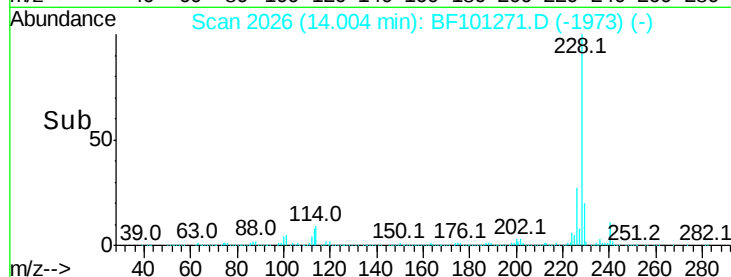
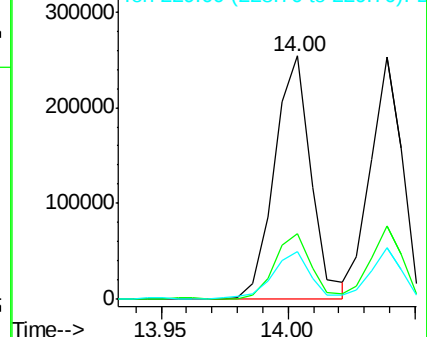
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.178 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

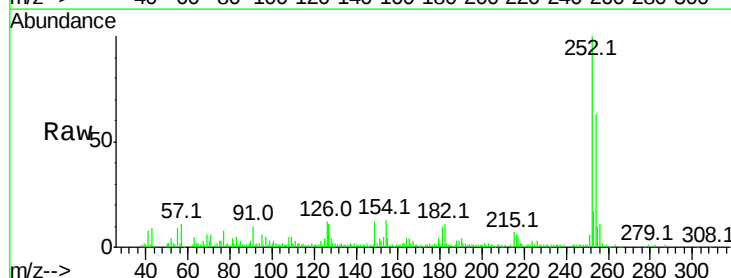
Tgt Ion:252 Resp: 63273

Ion Ratio Lower Upper

252 100

254 62.6 50.4 75.6

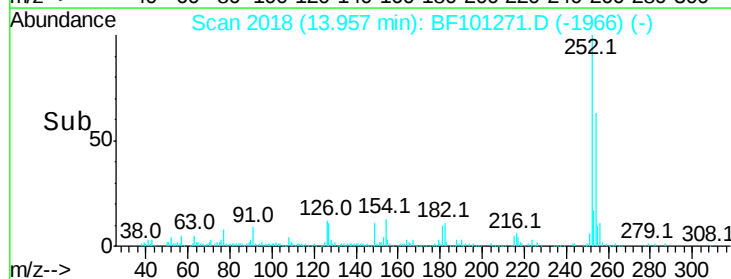
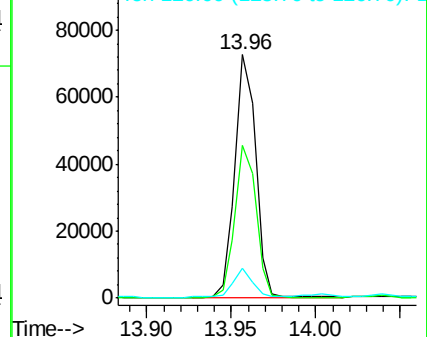
126 12.1 11.3 16.9

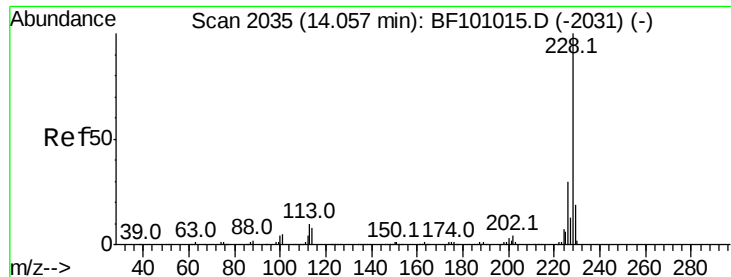


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.015 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

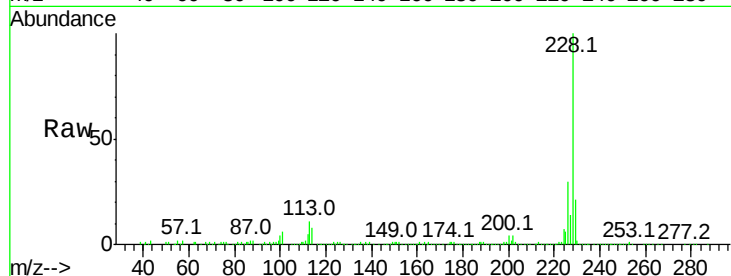
Tot Ion:228 Resp: 218511

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

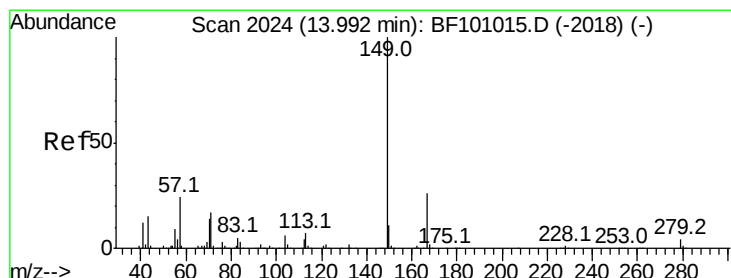
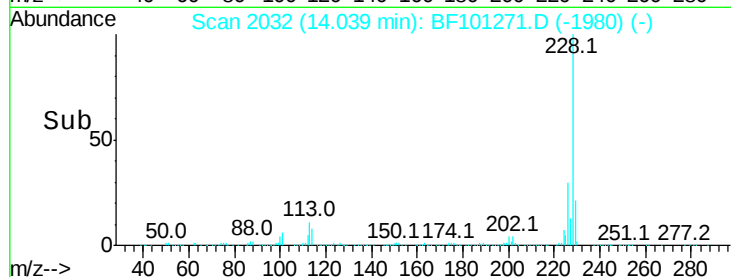
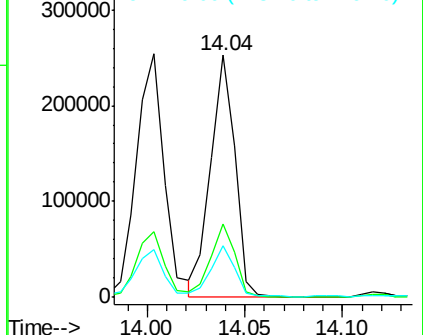
229 21.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.675 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

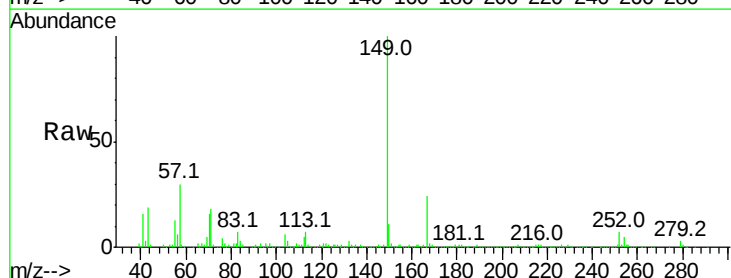
Tgt Ion:149 Resp: 153050

Ion Ratio Lower Upper

149 100

167 24.3 21.3 31.9

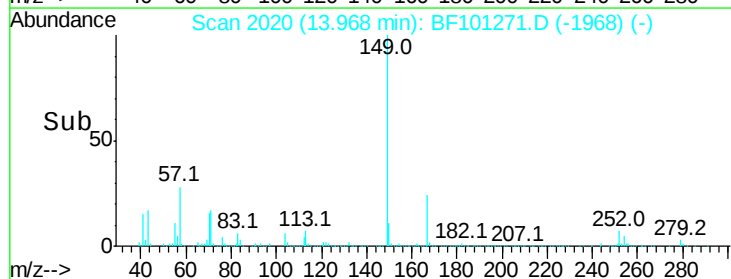
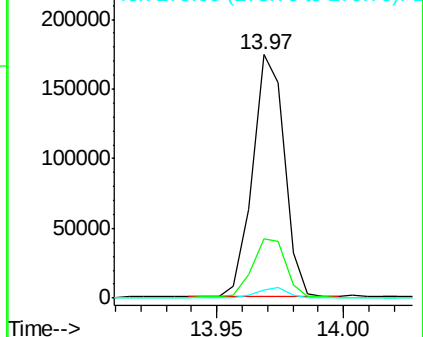
279 3.4 3.0 4.4

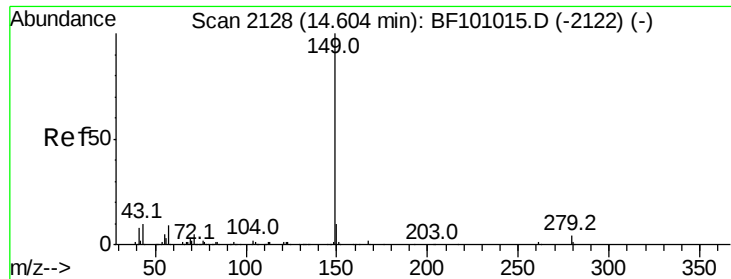


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.189 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

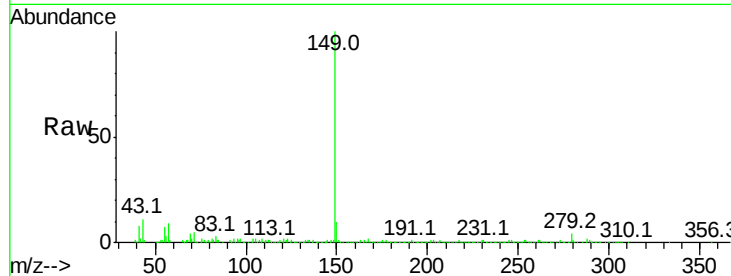
Tot Ion:149 Resp: 239632

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

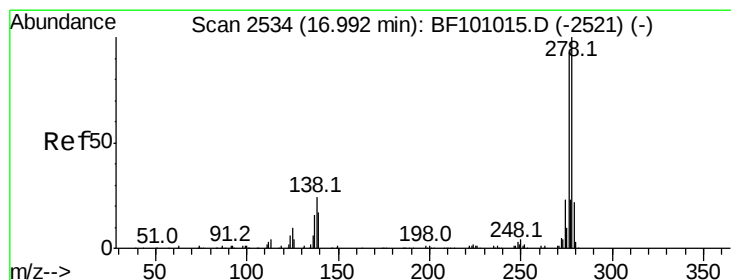
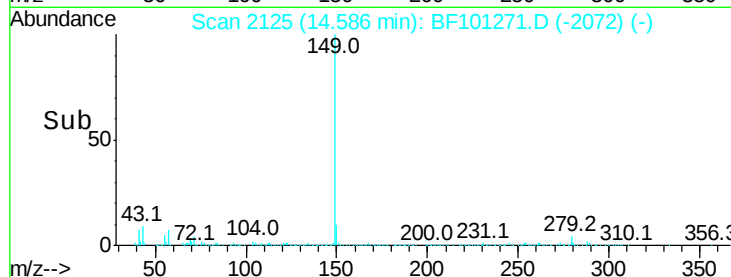
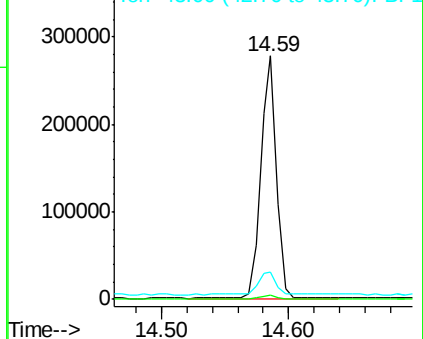
43 10.1 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.780 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.04 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

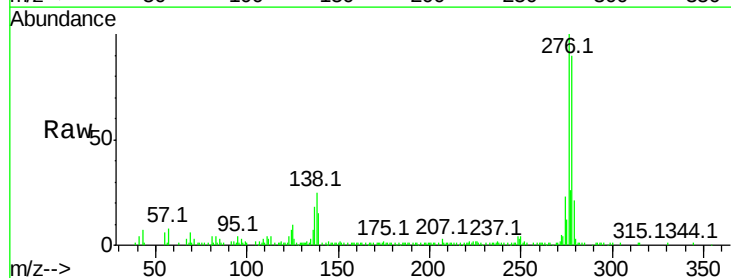
Tgt Ion:276 Resp: 149094

Ion Ratio Lower Upper

276 100

138 24.1 25.0 37.6#

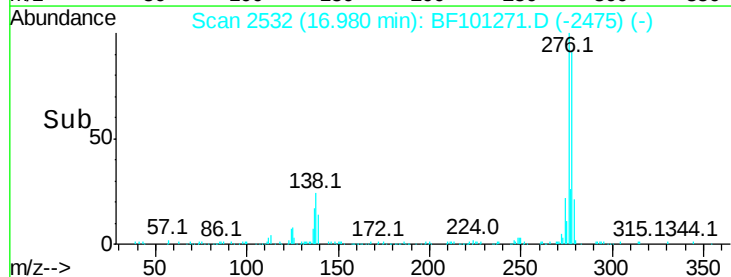
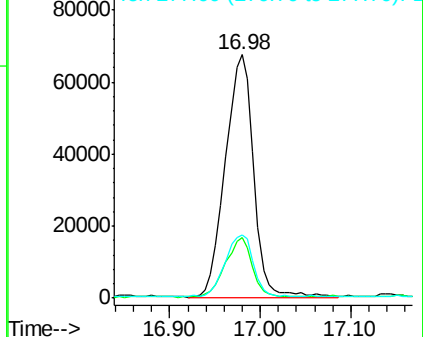
277 24.7 20.1 30.1

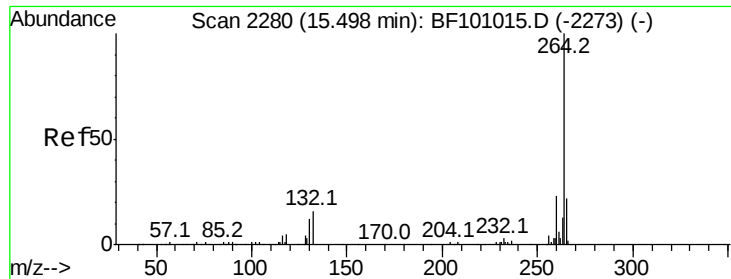


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



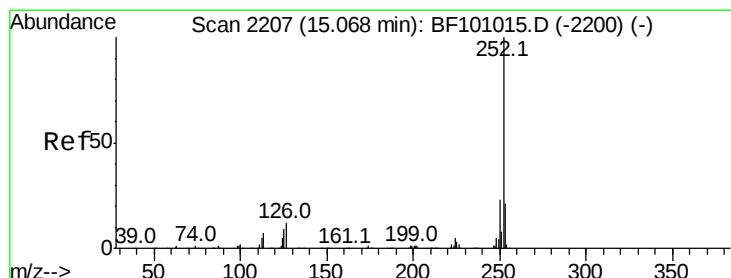
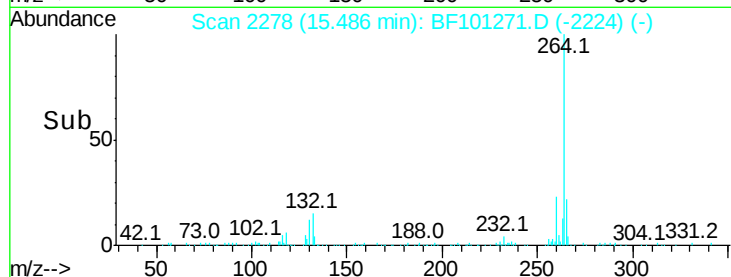
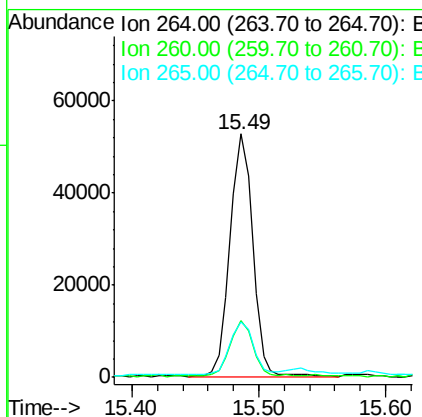
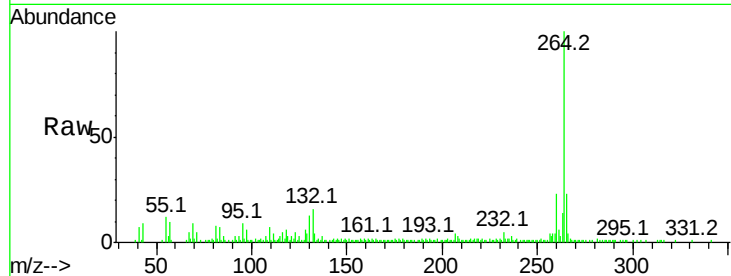


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 66736

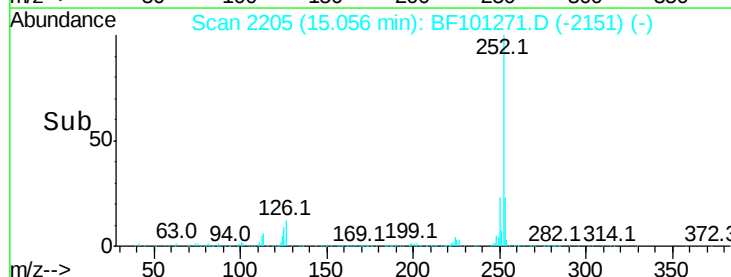
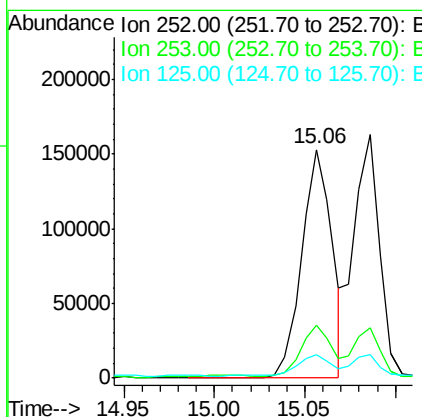
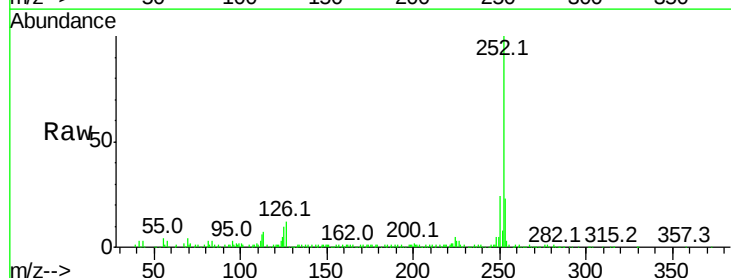
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.8	17.5	26.3

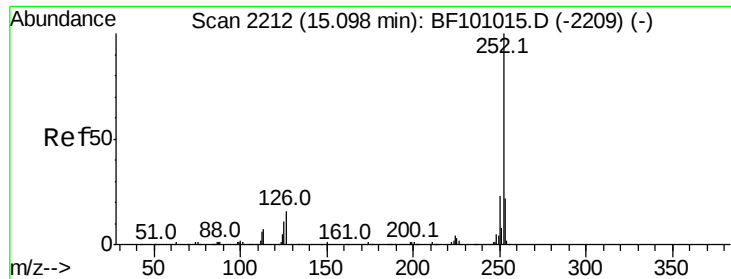


#87
Benzo(b)fluoranthene
Concen: 44.680 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion:252 Resp: 178599

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.4	9.0	13.6

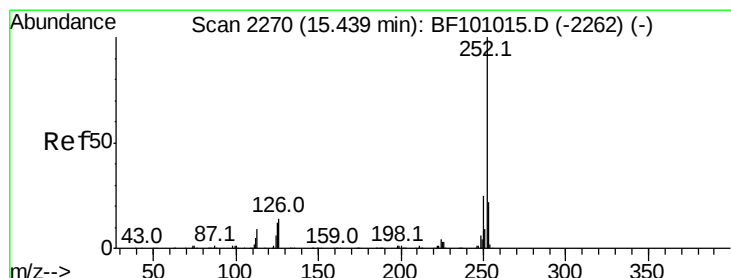
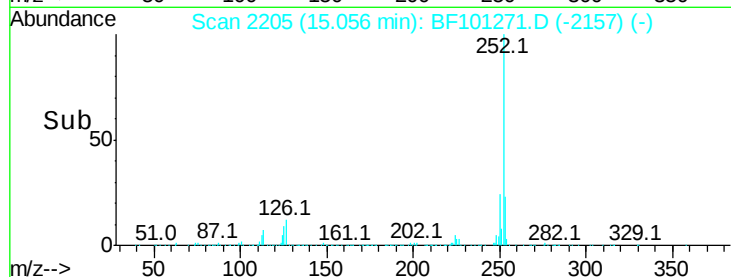
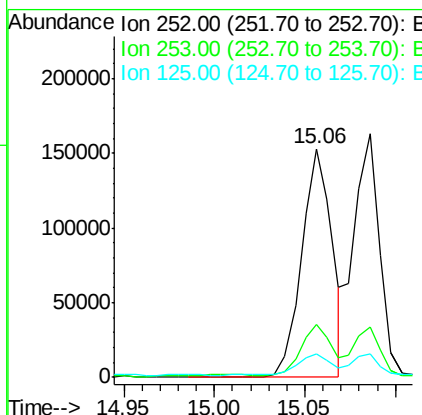
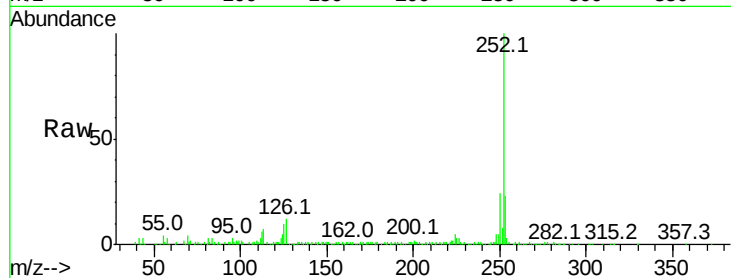




#88
Benzo(k)fluoranthene
Concen: 45.350 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

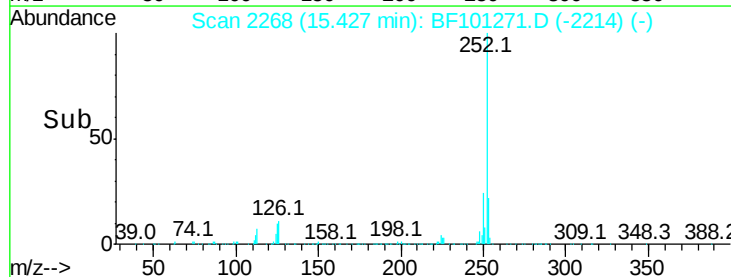
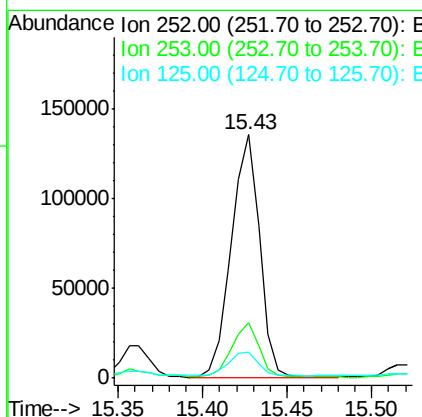
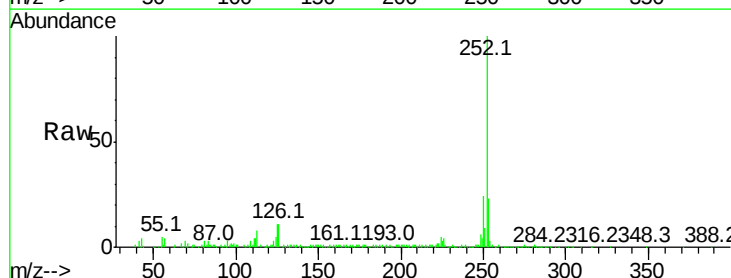
Instrument :
BNA_F
ClientSampleId :

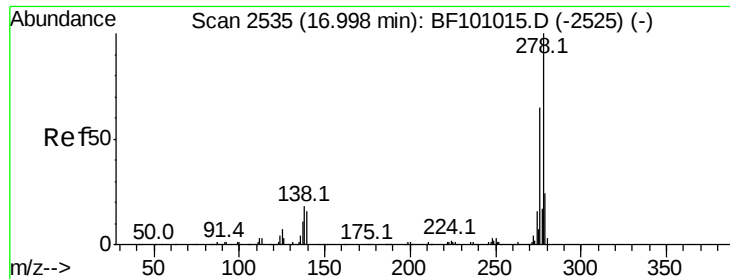
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 43.380 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101271.D
Acq: 9 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.8	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 35.710 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.03 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

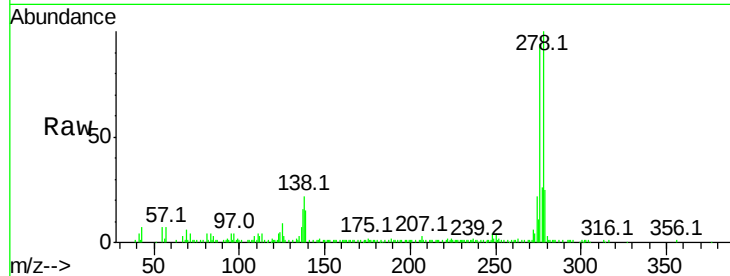
Tot Ion:278 Resp: 114406

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

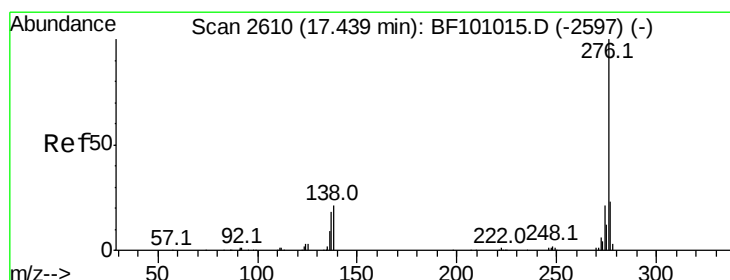
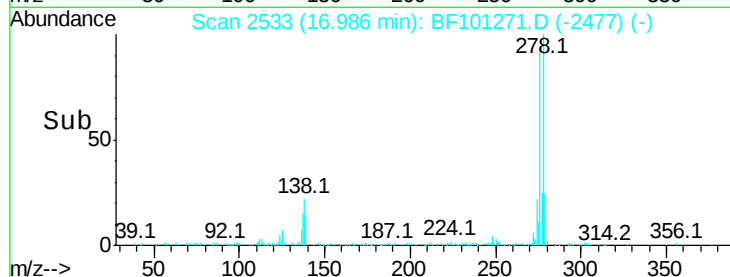
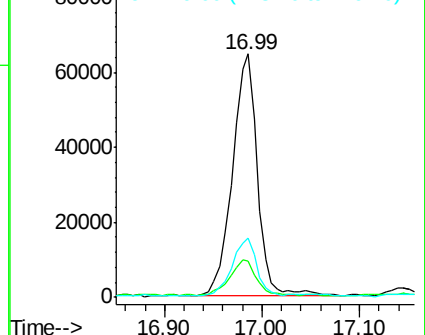
279 24.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.093 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.04 min

Lab File: BF101271.D

Acq: 9 Dec 2017 8:51

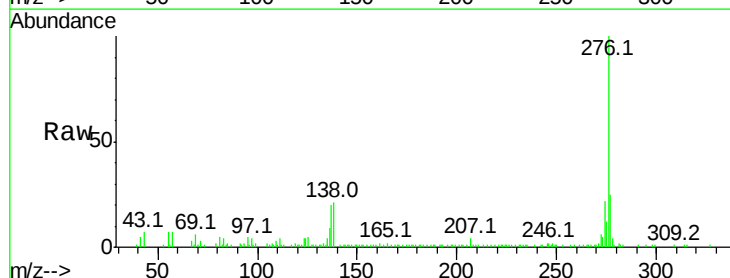
Tgt Ion:276 Resp: 118033

Ion Ratio Lower Upper

276 100

277 25.3 17.9 26.9

138 21.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

