

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102272.D
 Acq On : 20 Jan 2018 18:08
 Operator : SJ/JU
 Sample : J1228-26MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:24:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148635	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	610429	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	256208	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	385158	20.00	ng	0.00
75) Chrysene-d12	13.88	240	262974	20.00	ng	0.00
86) Perylene-d12	15.30	264	225414	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1049441	99.70	ng	0.01
7) Phenol-d6	6.37	99	1271715	101.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	798231	76.84	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	234022	104.67	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1332815	81.27	ng	0.00
78) Terphenyl-d14	12.82	244	895673	70.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	150244	28.602	ng	95
3) Pyridine	3.15	79	405364	28.258	ng	95
4) n-Nitrosodimethylamine	3.12	42	208725	34.745	ng	96
6) Aniline	6.39	93	394272	22.277	ng	# 14
8) 2-Chlorophenol	6.51	128	393425	37.267	ng	98
9) Benzaldehyde	6.27	77	258460	29.640	ng	98
10) Phenol	6.38	94	526457	37.094	ng	74
11) bis(2-Chloroethyl)ether	6.46	93	365403	33.826	ng	96
12) 1,3-Dichlorobenzene	6.66	146	421694	34.652	ng	98
13) 1,4-Dichlorobenzene	6.74	146	427869	35.235	ng	98
14) 1,2-Dichlorobenzene	6.89	146	398717	35.474	ng	98
15) Benzyl Alcohol	6.87	79	321228	34.968	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	586652	29.460	ng	94
17) 2-Methylphenol	6.99	107	327258	34.364	ng	98
18) Hexachloroethane	7.23	117	126406	29.560	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	255492	31.044	ng	97
20) 3+4-Methylphenols	7.14	107	391026	34.197	ng	# 75
22) Acetophenone	7.13	105	527041	35.834	ng	# 94
24) Nitrobenzene	7.31	77	407876	36.541	ng	98
25) Isophorone	7.55	82	730223	35.577	ng	99
26) 2-Nitrophenol	7.62	139	200545	42.926	ng	97
27) 2,4-Dimethylphenol	7.67	122	344563	39.490	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	460506	37.158	ng	99
29) 2,4-Dichlorophenol	7.87	162	327465	39.525	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	319484	36.867	ng	96
31) Naphthalene	8.03	128	1100300	36.073	ng	100
32) Benzoic acid	7.77	122	88403	13.361	ng	93
33) 4-Chloroaniline	8.08	127	254660	19.561	ng	98
34) Hexachlorobutadiene	8.14	225	164629	35.890	ng	99
35) Caprolactam	8.46	113	104362	36.693	ng	90
36) 4-Chloro-3-methylphenol	8.57	107	350763	38.678	ng	100
37) 2-Methylnaphthalene	8.72	142	737359	36.720	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	285445	39.381	ng	99
40) Hexachlorocyclopentadiene	8.86	237	62736	15.826	ng	98

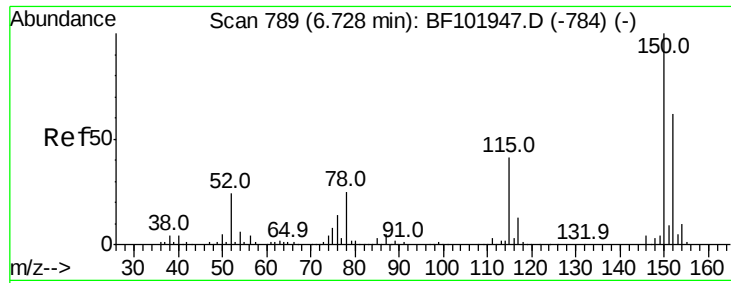
Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	202715	40.584	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	215749	38.217	nq	93
45) 1,1'-Biphenyl	9.18	154	848201	37.455	nq	99
46) 2-Chloronaphthalene	9.21	162	656488	37.383	nq	98
47) 2-Nitroaniline	9.31	65	219258	41.681	nq	97
48) Acenaphthylene	9.62	152	995824	35.732	nq	100
49) Dimethylphthalate	9.49	163	896758	43.631	nq	100
50) 2,6-Dinitrotoluene	9.55	165	162019	39.464	nq	98
51) Acenaphthene	9.79	154	575150	34.002	nq	100
52) 3-Nitroaniline	9.72	138	160494	30.975	nq	98
53) 2,4-Dinitrophenol	9.83	184	33021	27.427	nq	# 19
54) Dibenzofuran	9.96	168	848555	36.552	nq	97
55) 4-Nitrophenol	9.89	139	266438	69.001	nq	96
56) 2,4-Dinitrotoluene	9.96	165	201060	39.073	nq	93
57) Fluorene	10.31	166	640737	39.925	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	156257	38.878	nq	97
59) Diethylphthalate	10.19	149	720663	35.249	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	279553	40.908	nq	98
61) 4-Nitroaniline	10.33	138	172947	35.171	nq	91
62) Azobenzene	10.46	77	711512	34.979	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	27291	17.170	nq	86
65) n-Nitrosodiphenylamine	10.42	169	585152	40.572	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	166865	41.025	nq	97
67) Hexachlorobenzene	10.85	284	168916	38.041	nq	95
68) Atrazine	10.95	200	165020	39.591	nq	99
69) Pentachlorophenol	11.05	266	154601	57.097	nq	98
70) Phenanthrene	11.27	178	820628	36.475	nq	99
71) Anthracene	11.32	178	844032	36.991	nq	100
72) Carbazole	11.47	167	787269	35.103	nq	99
73) Di-n-butylphthalate	11.80	149	1013986	36.852	nq	99
74) Fluoranthene	12.45	202	731897	33.065	nq	99
76) Benzidine	12.58	184	443839	34.952	nq	97
77) Pyrene	12.68	202	744099	32.011	nq	98
79) Butylbenzylphthalate	13.30	149	363393	34.064	nq	99
80) Benzo(a)anthracene	13.87	228	608498	36.267	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	231672	37.291	nq	99
82) Chrysene	13.90	228	601603	34.386	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	462571	37.799	nq	# 99
84) Di-n-octyl phthalate	14.47	149	830613	40.902	nq	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	441685	34.686	nq	98
87) Benzo(b)fluoranthene	14.89	252	556288	37.849	nq	97
88) Benzo(k)fluoranthene	14.92	252	548910	38.714	nq	99
89) Benzo(a)pyrene	15.24	252	507726	38.389	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	368142	34.880	nq	99
91) Benzo(g,h,i)perylene	17.10	276	357961	33.668	nq	97

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

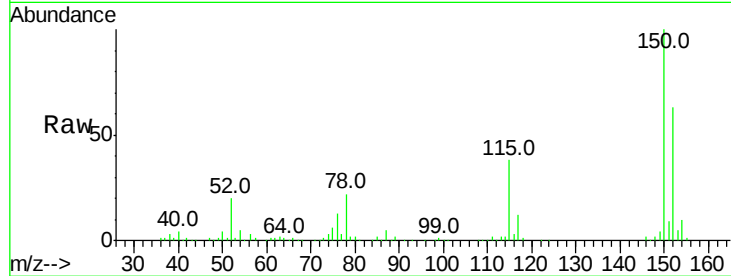


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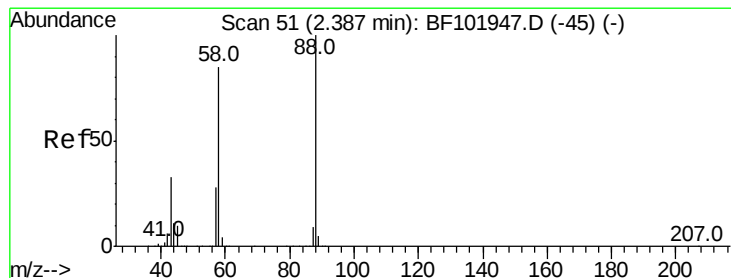
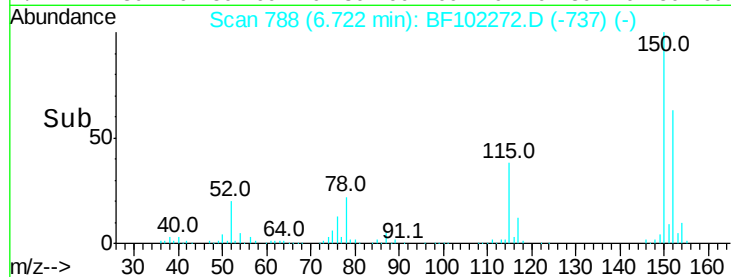
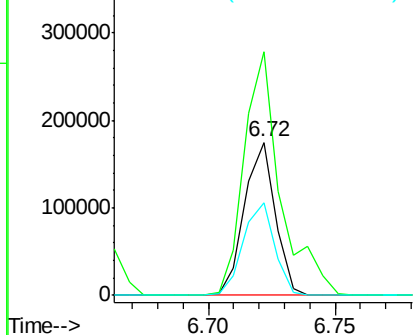
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148635
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 60.3 50.1 75.1



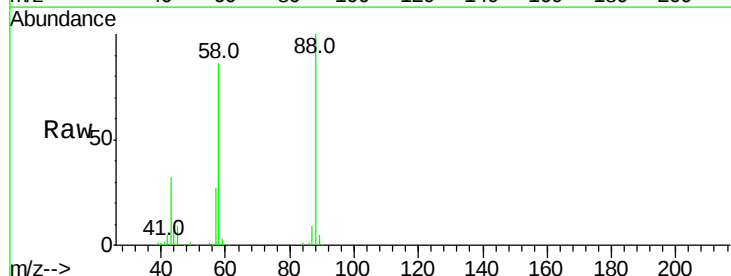
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



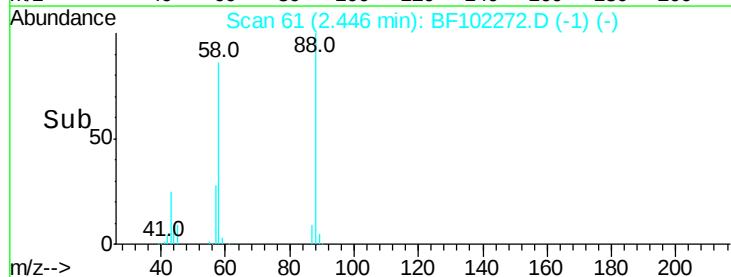
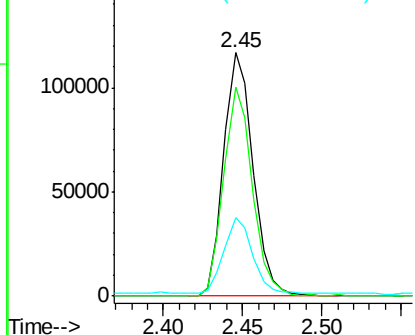
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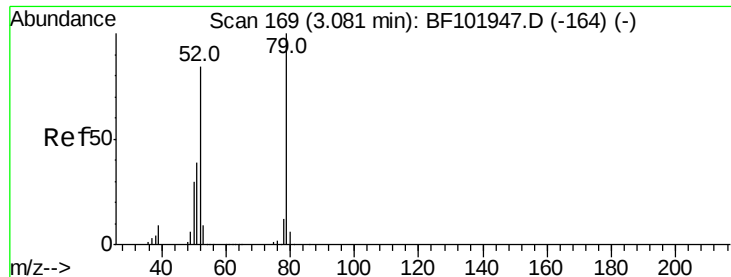
1,4-Dioxane
Concen: 28.602 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.06 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion: 88 Resp: 150244
Ion Ratio Lower Upper
88 100
58 84.4 62.6 93.8
43 30.9 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: 28.258 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.06 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

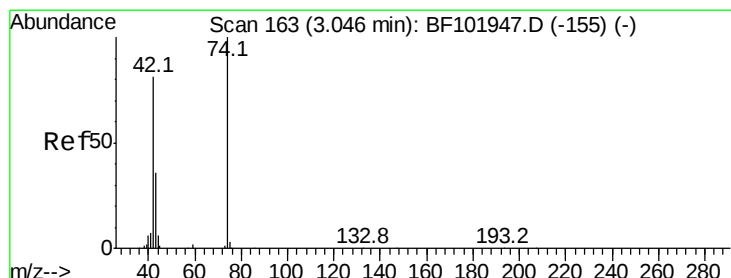
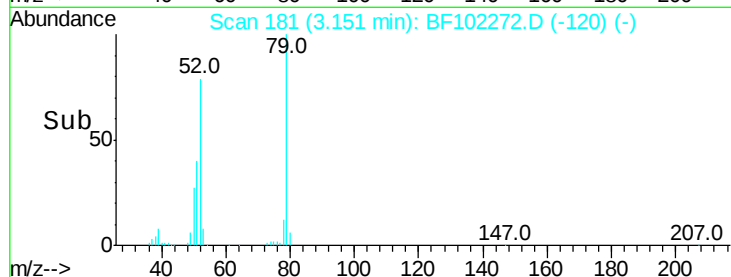
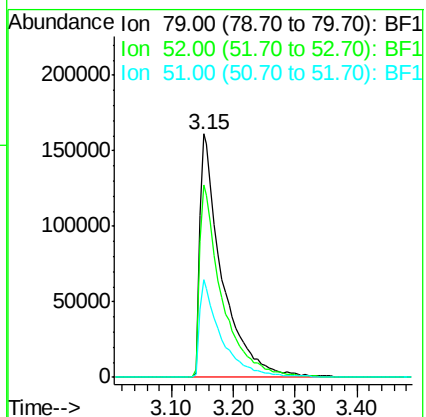
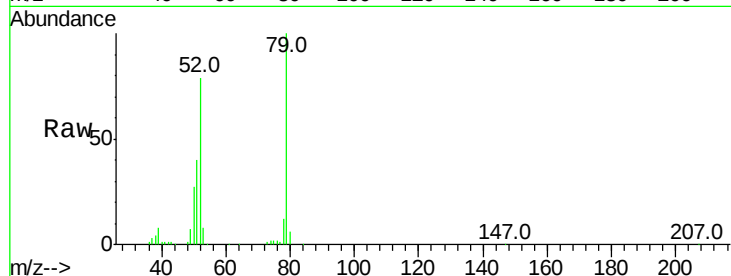
Tot Ion: 79 Resp: 405364

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

51 40.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.745 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

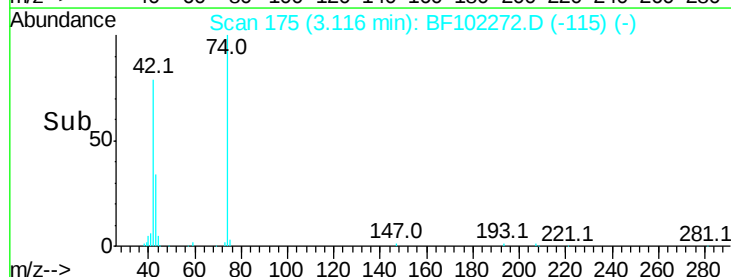
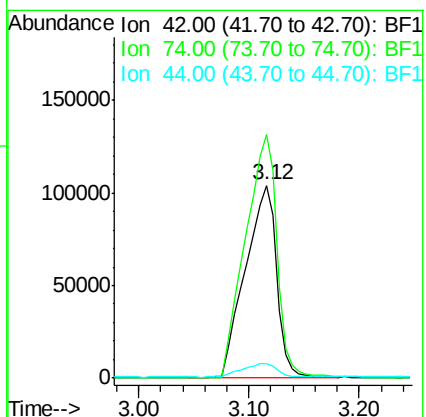
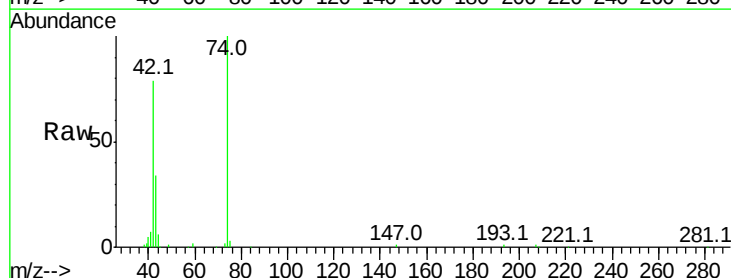
Tgt Ion: 42 Resp: 208725

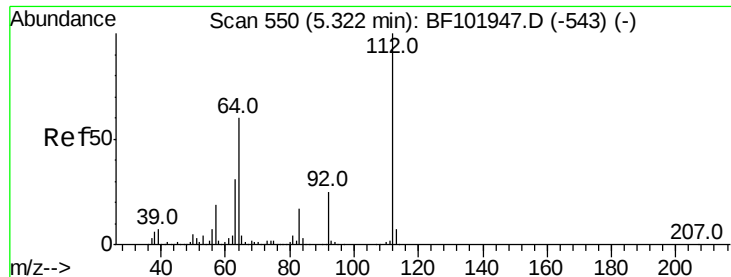
Ion Ratio Lower Upper

42 100

74 126.5 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 99.700 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

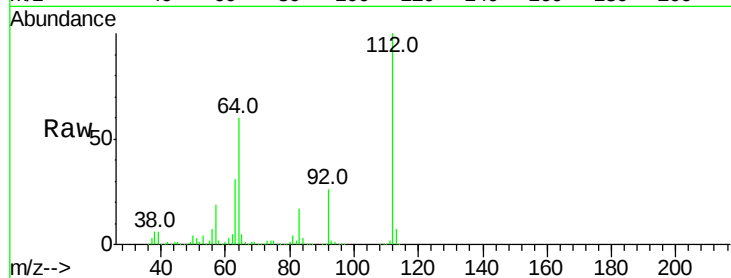
Tot Ion:112 Resp: 1049441

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

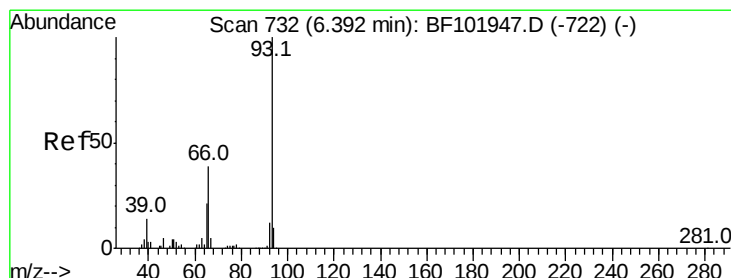
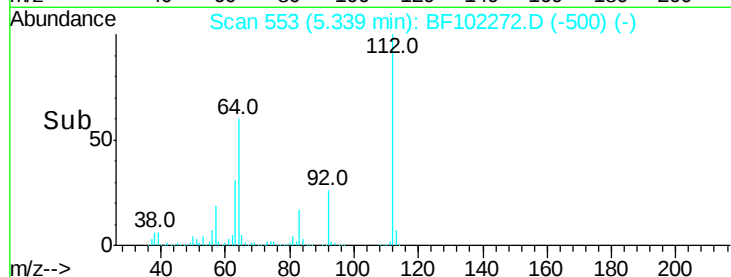
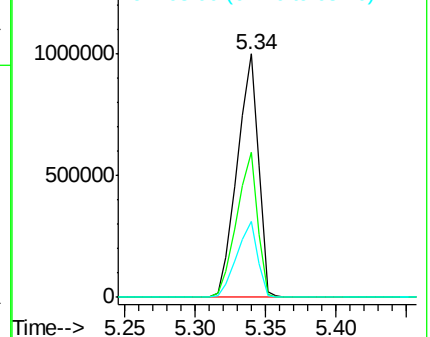
63 31.1 23.7 35.5



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: 22.277 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

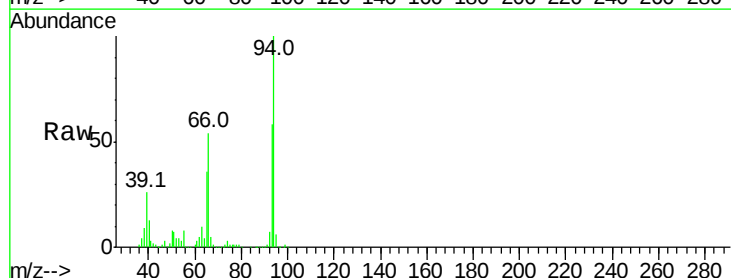
Tgt Ion: 93 Resp: 394272

Ion Ratio Lower Upper

93 100

66 93.0 32.2 48.2#

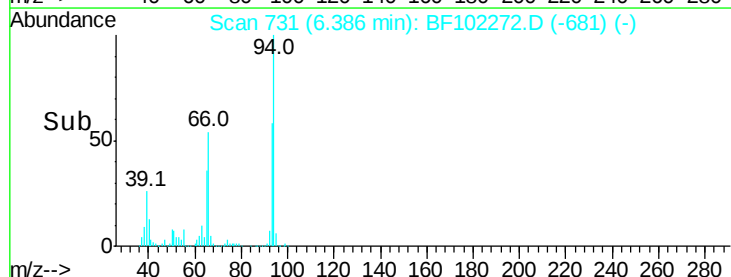
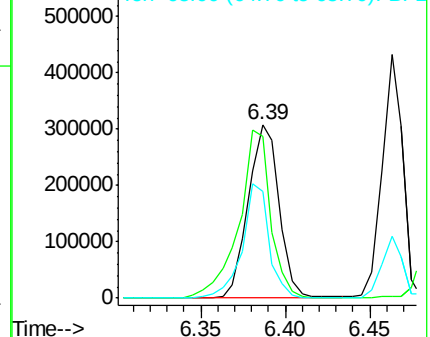
65 61.5 16.4 24.6#

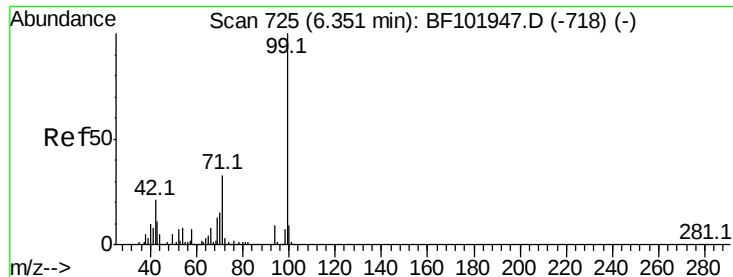


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.263 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

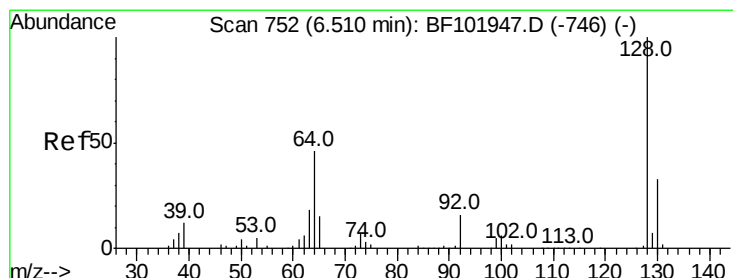
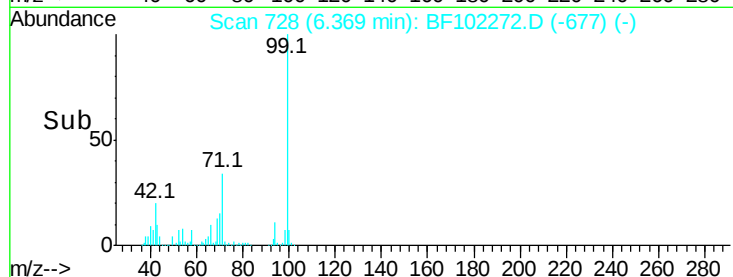
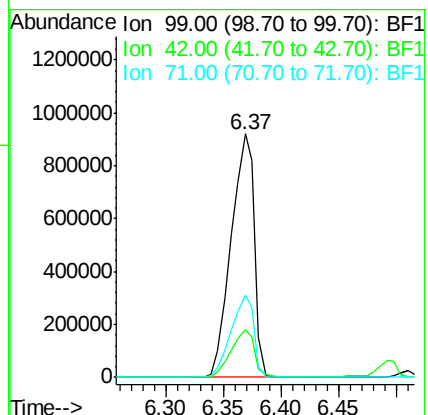
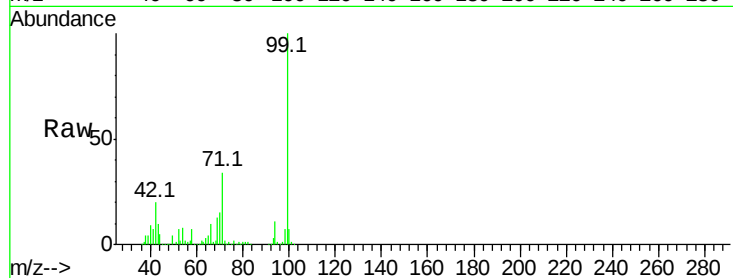
Tot Ion: 99 Resp: 1271715

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 34.1 25.4 38.0



#8

2-Chlorophenol

Concen: 37.267 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

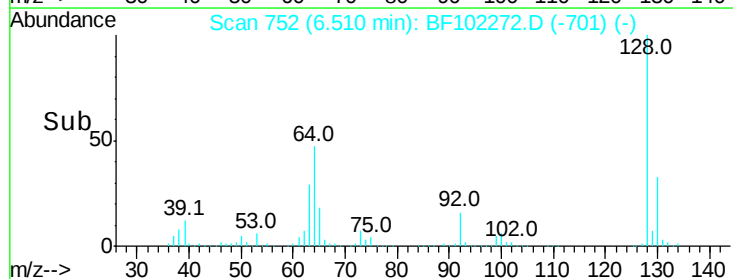
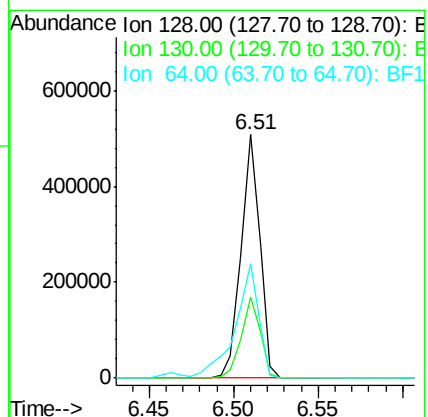
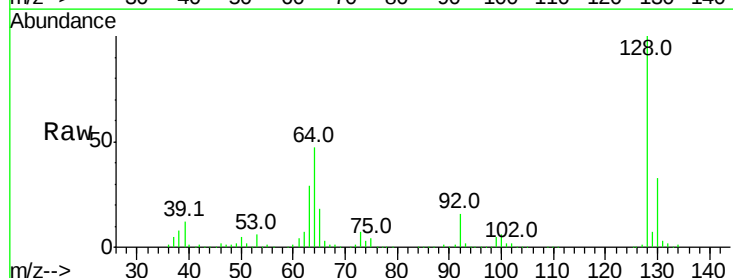
Tgt Ion: 128 Resp: 393425

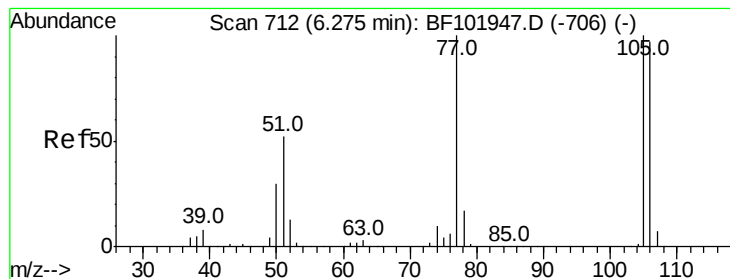
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 47.0 29.4 69.4





#9

Benzaldehyde

Concen: 29.640 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampled :

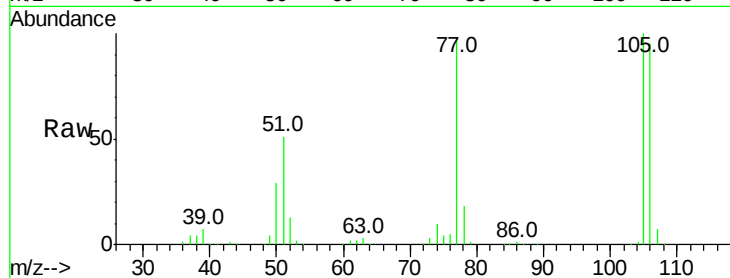
Tot Ion: 77 Resp: 258460

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

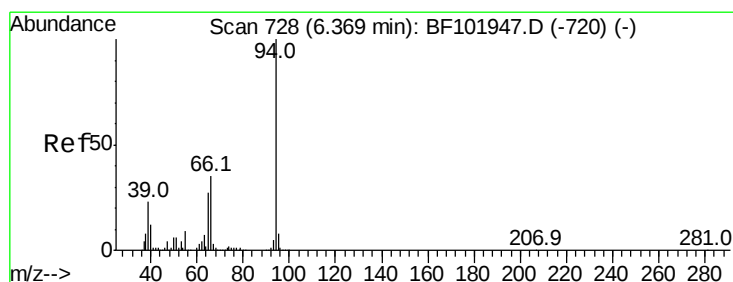
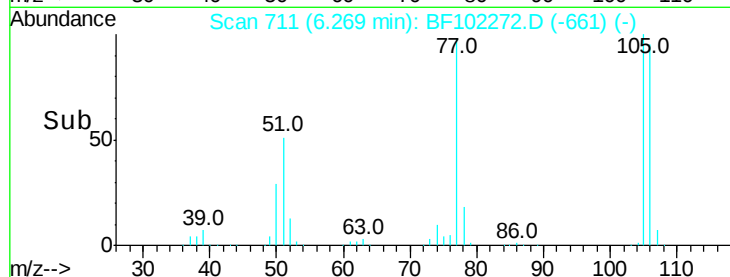
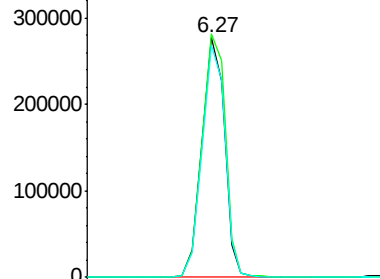
106 96.9 74.5 114.5



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: 37.094 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

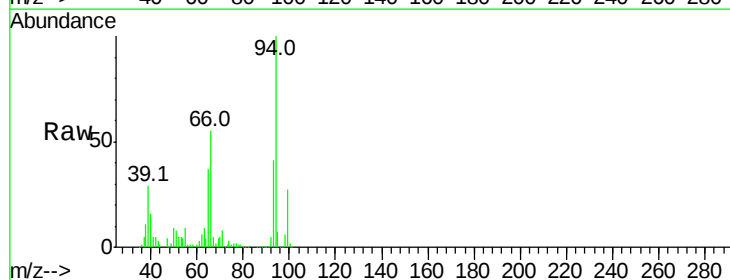
Tgt Ion: 94 Resp: 526457

Ion Ratio Lower Upper

94 100

65 37.2 7.9 47.9

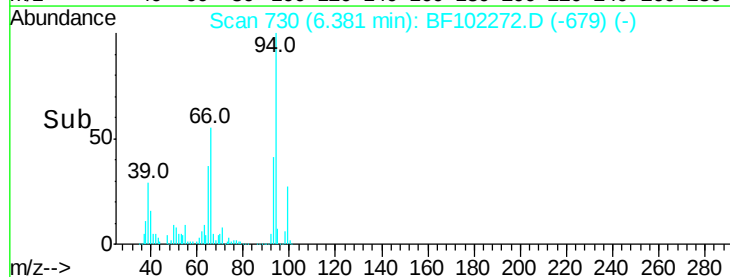
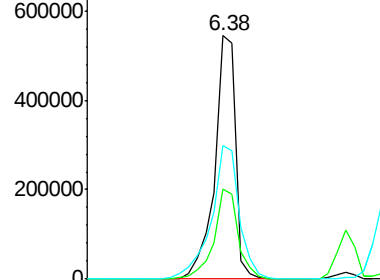
66 55.0 16.2 56.2

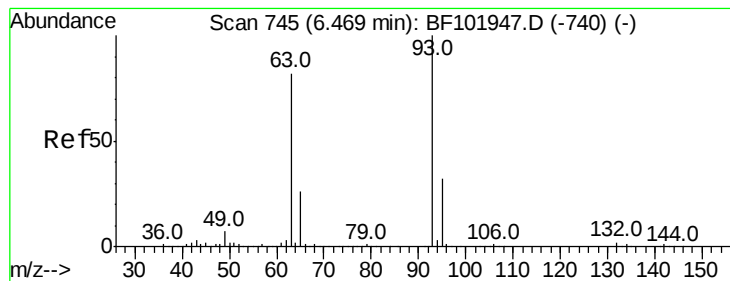


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.826 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

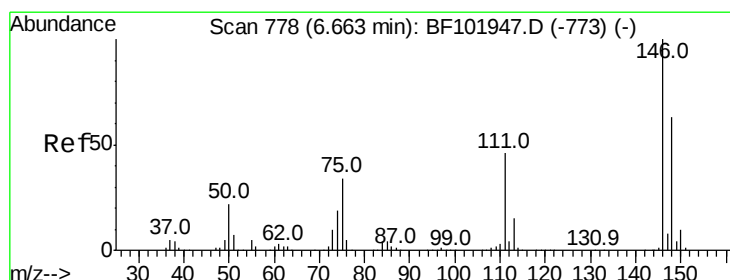
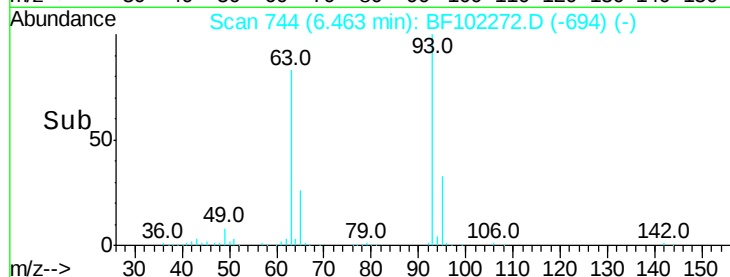
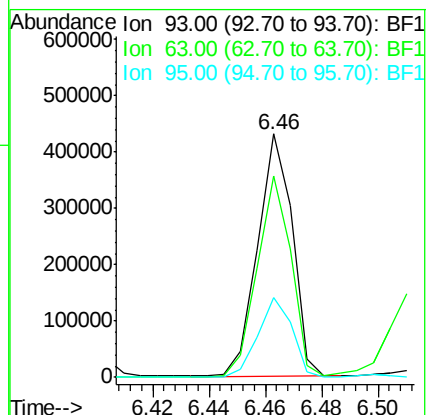
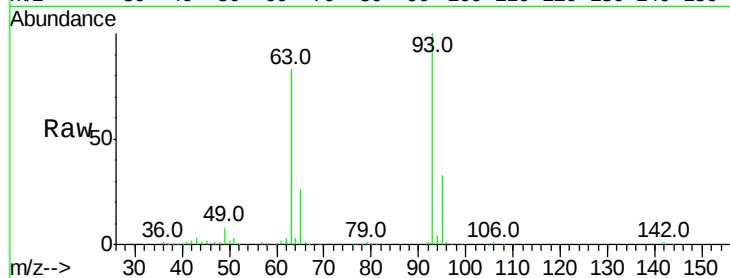
Tot Ion: 93 Resp: 365403

Ion Ratio Lower Upper

93 100

63 82.7 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.652 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

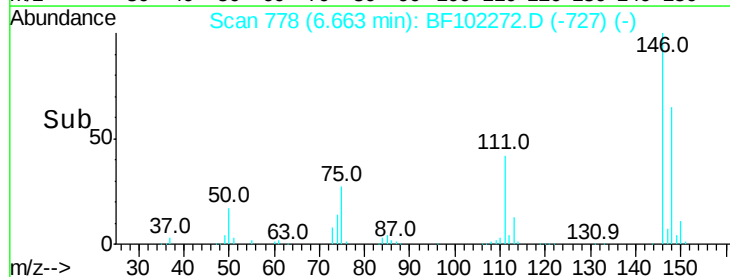
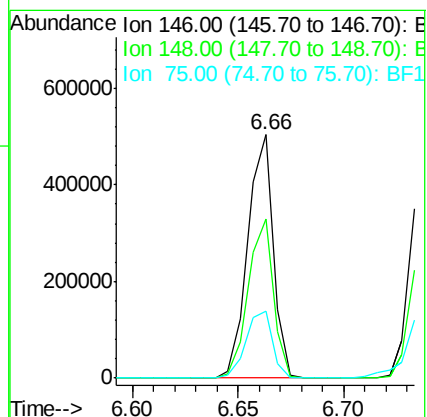
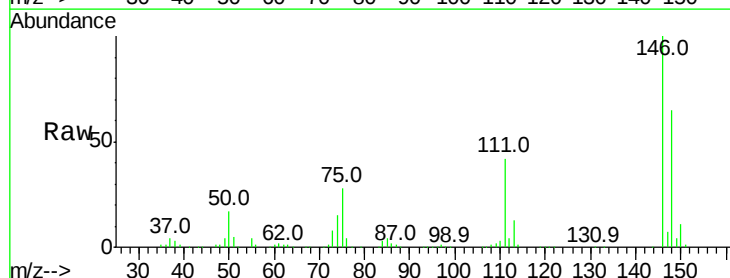
Tgt Ion: 146 Resp: 421694

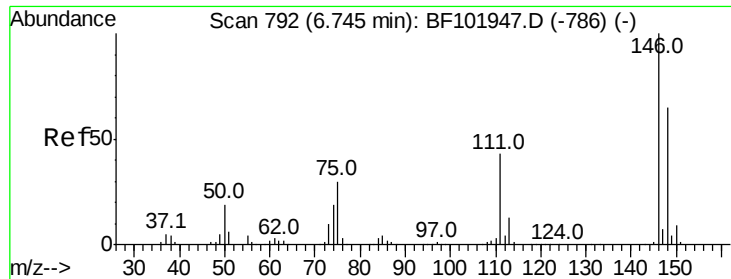
Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

75 27.7 24.2 36.4

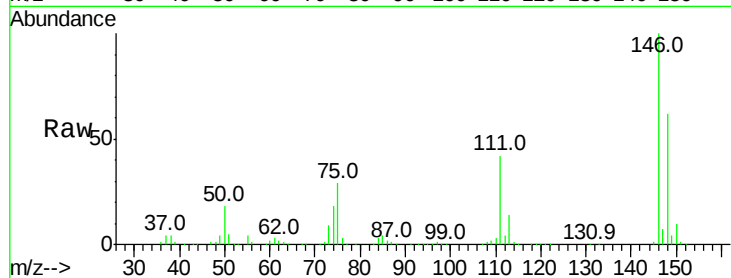




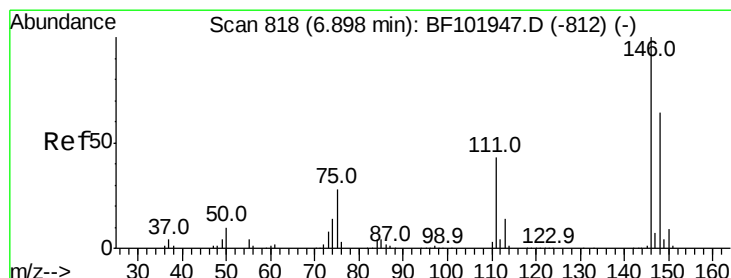
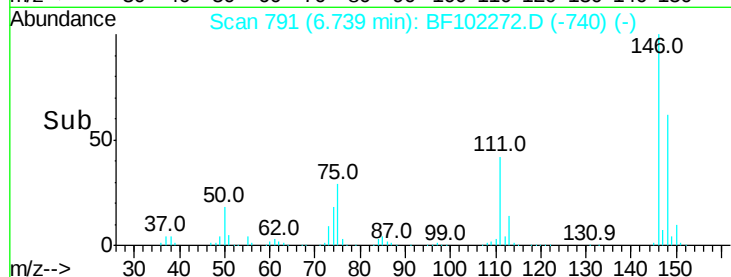
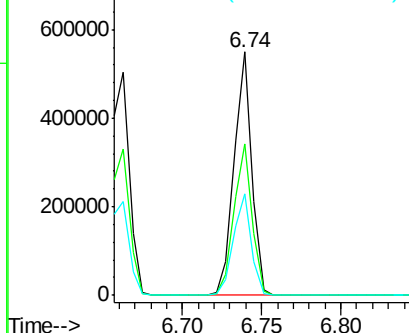
#13
 1,4-Dichlorobenzene
 Concen: 35.235 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 427869
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.8 76.2
 111 41.5 34.2 51.2

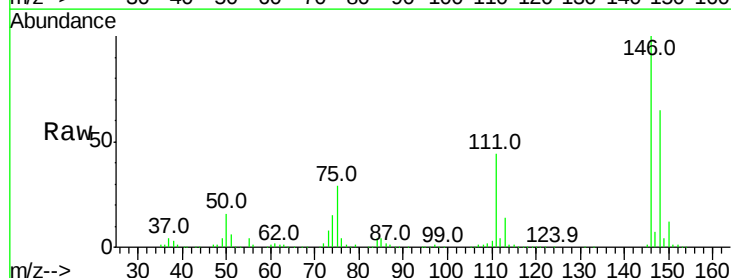


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

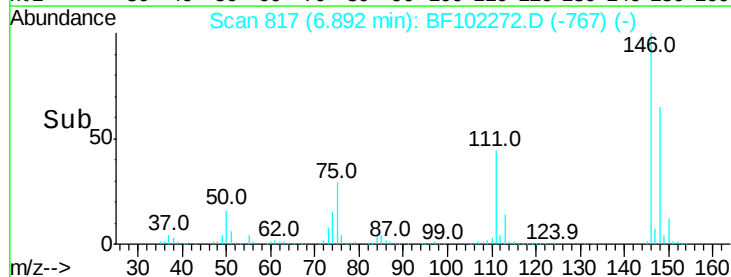
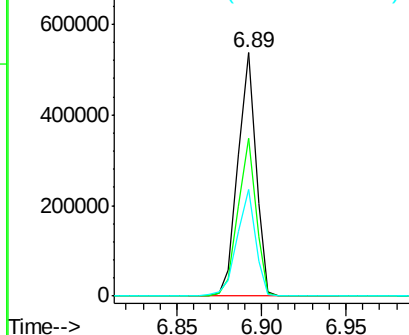


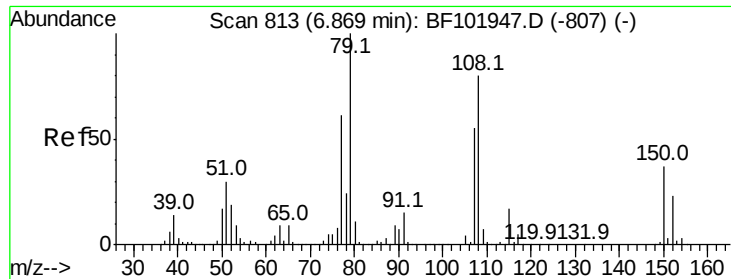
#14
 1,2-Dichlorobenzene
 Concen: 35.474 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion:146 Resp: 398717
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 75.8
 111 43.9 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: 34.968 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampled :

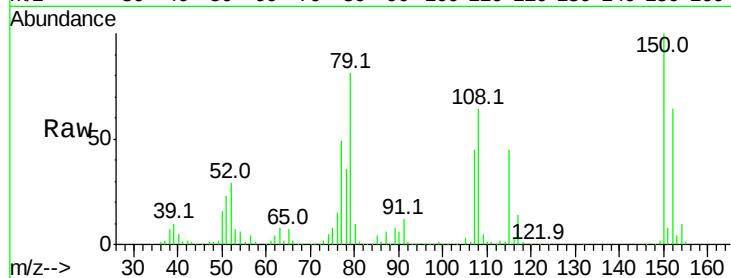
Tot Ion: 79 Resp: 321228

Ion Ratio Lower Upper

79 100

108 78.5 65.1 97.7

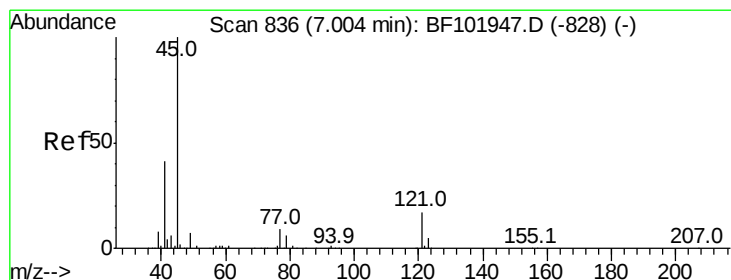
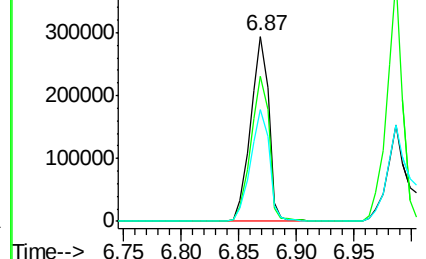
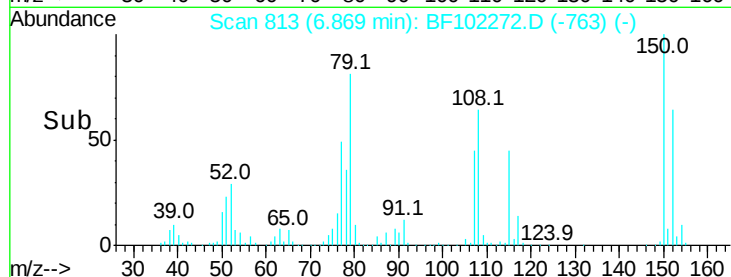
77 60.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.460 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

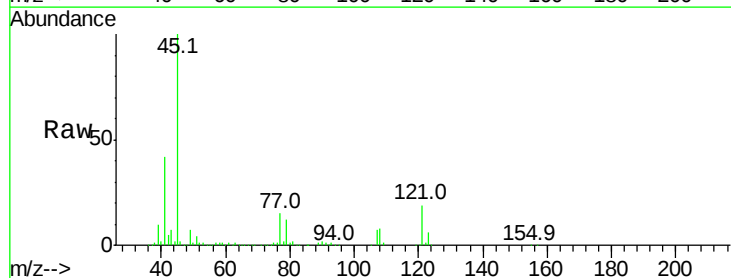
Tgt Ion: 45 Resp: 586652

Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.9

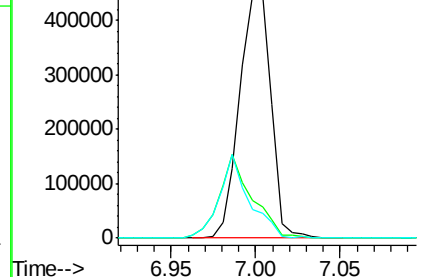
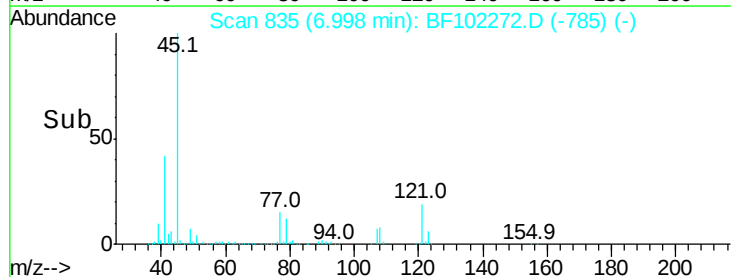
79 12.0 0.0 29.6

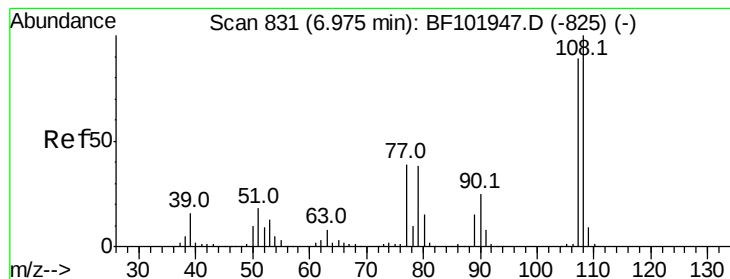


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.364 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 327258

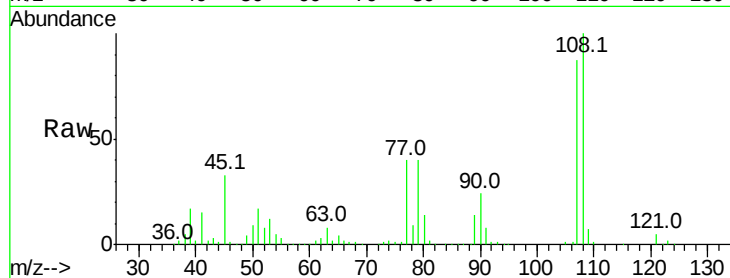
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 45.5 33.8 50.8

79 45.5 33.8 50.8

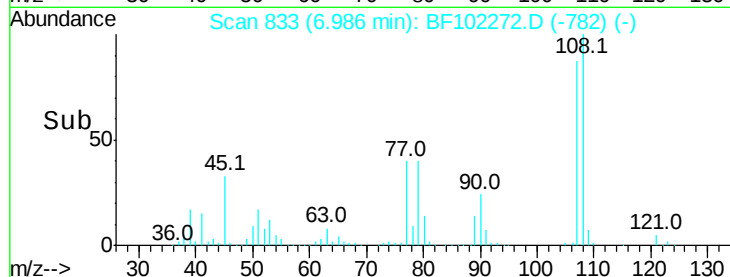


Abundance Ion 107.00 (106.70 to 107.70): E

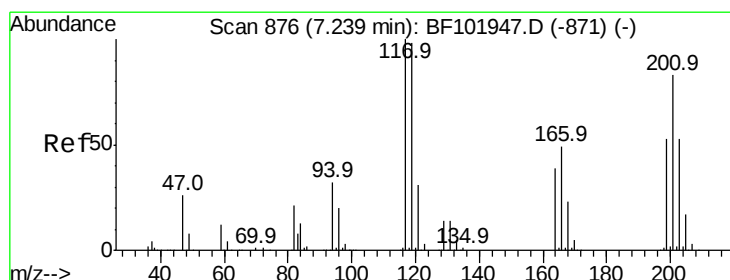
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time--> 6.90 6.95 7.00 7.05



#18

Hexachloroethane

Concen: 29.560 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

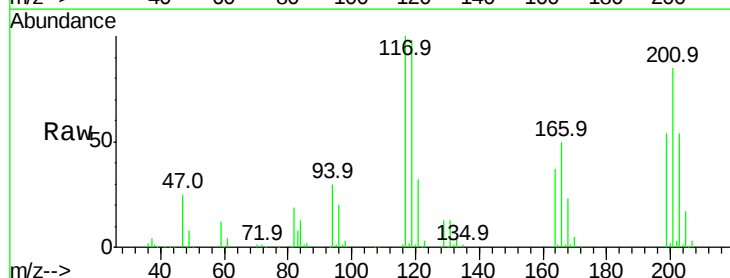
Tgt Ion:117 Resp: 126406

Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

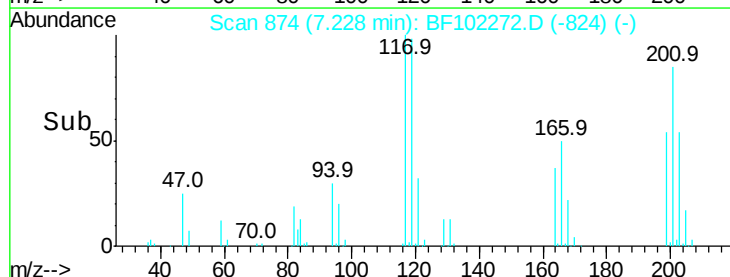
201 84.8 75.7 113.5



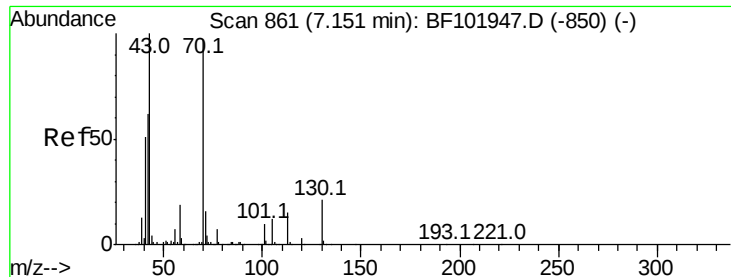
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



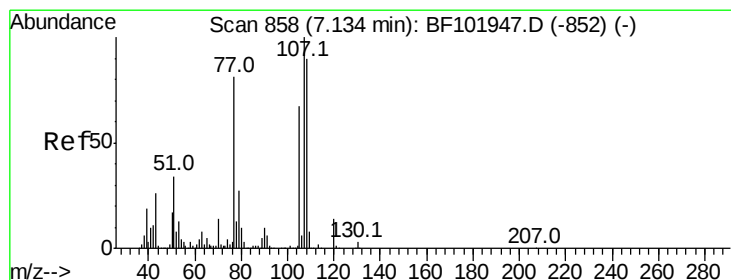
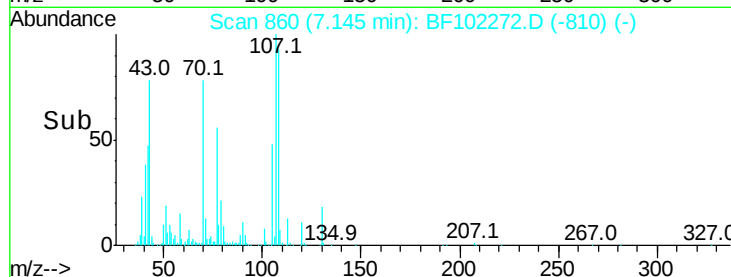
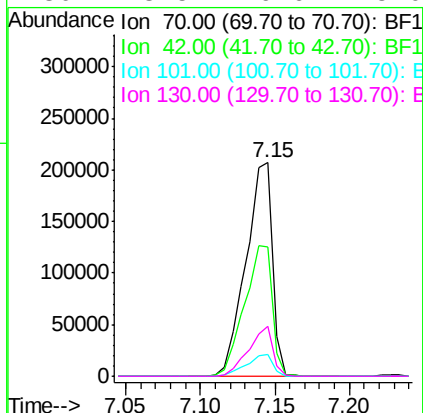
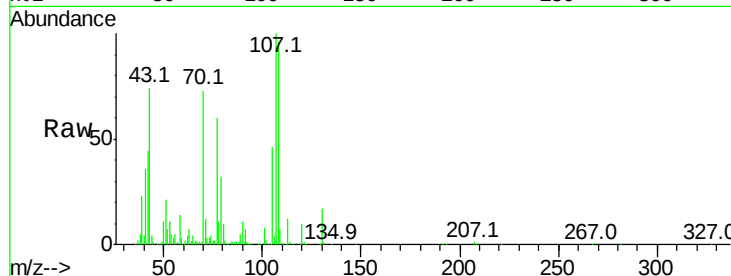
Time--> 7.20 7.25



#19
n-Nitroso-di-n-propylamine
Concen: 31.044 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

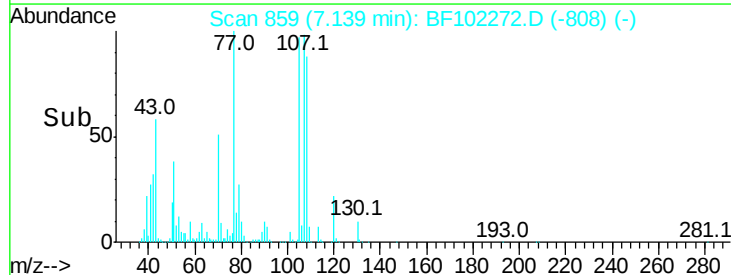
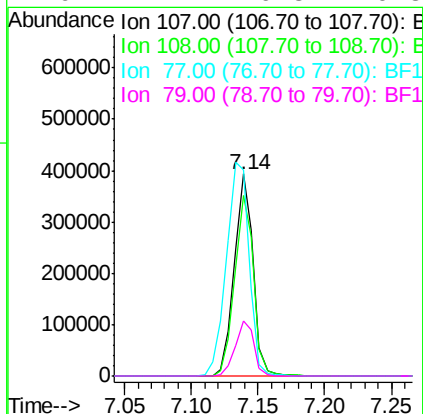
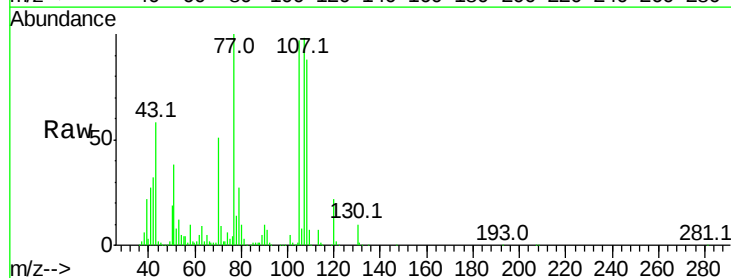
Instrument :
BNA_F
ClientSampleId :

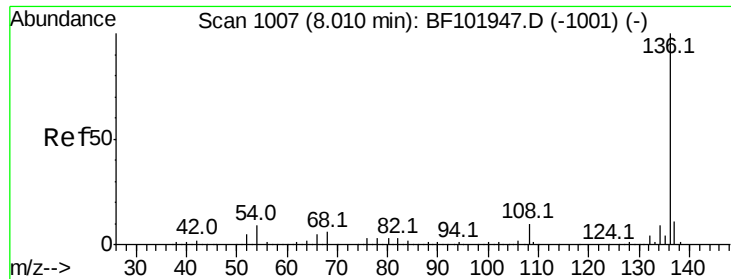
Tot Ion:	70	Resp:	255492
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.5	71.3
101	10.3	7.4	11.2
130	23.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.197 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:	107	Resp:	391026
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	101.8	26.7	66.7#
79	27.2	6.3	46.3

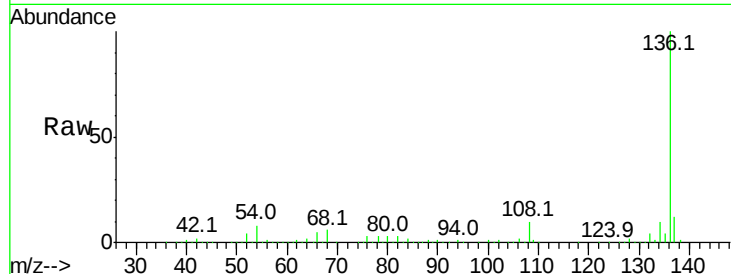




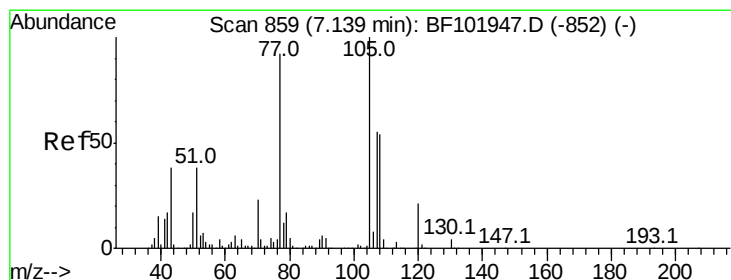
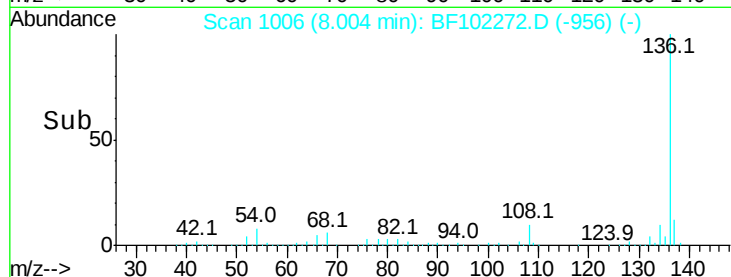
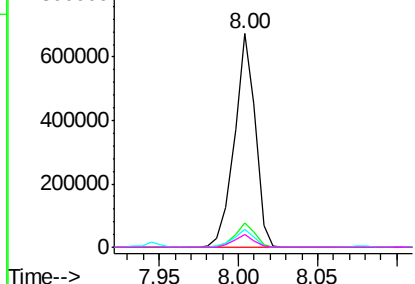
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	610429
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.3	6.6	9.8
68	5.8	5.0	7.4

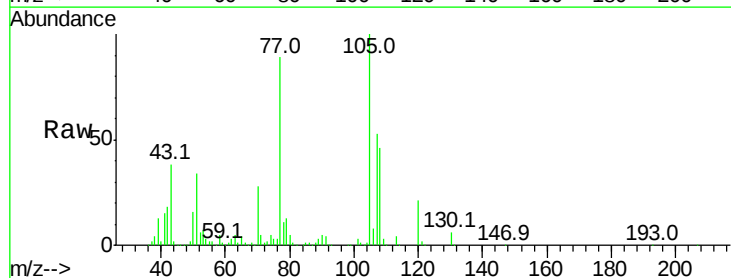


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

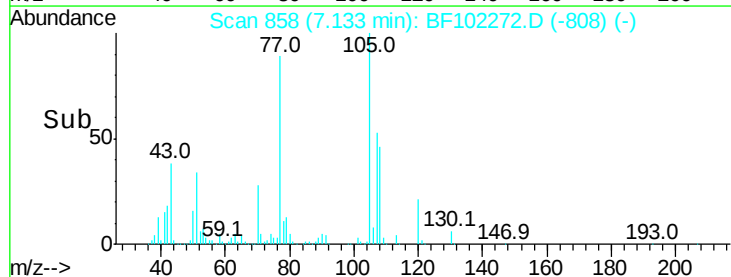
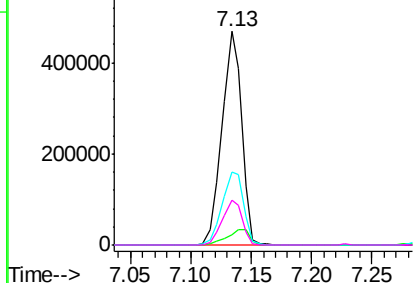


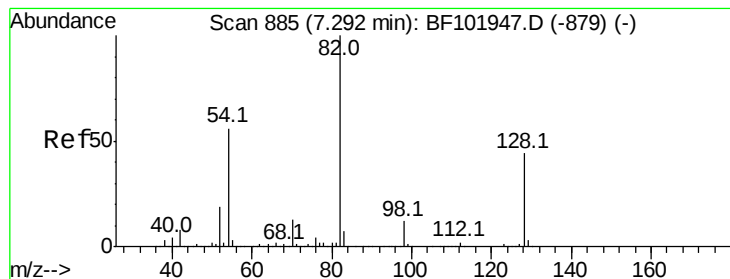
#22
Acetophenone
Concen: 35.834 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:	105	Resp:	527041
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	34.2	22.3	33.5#
120	21.2	16.9	25.3



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





#23

Nitrobenzene-d5

Concen: 76.843 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

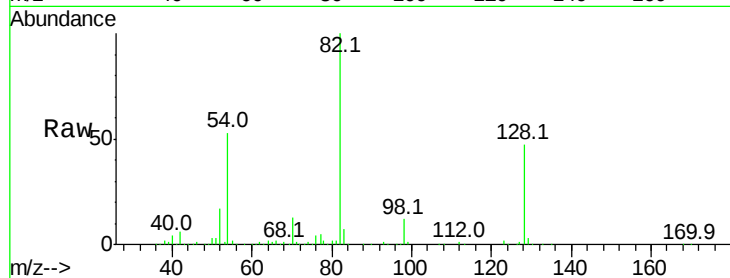
Tot Ion: 82 Resp: 798231

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

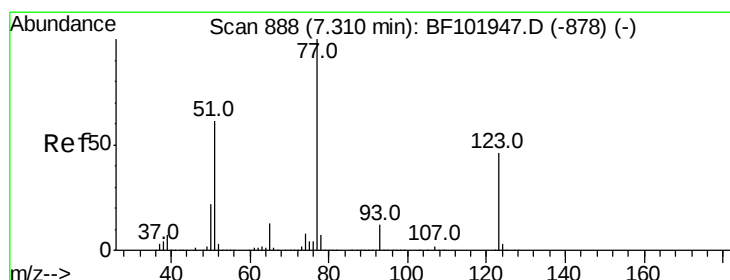
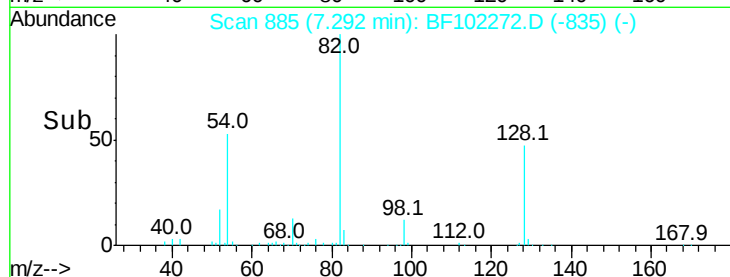
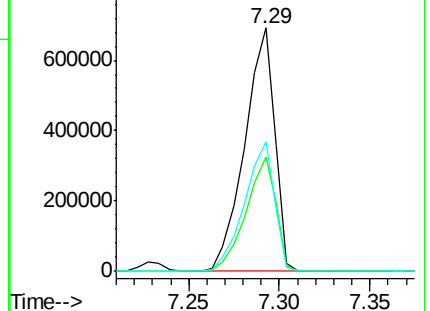
54 53.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.541 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

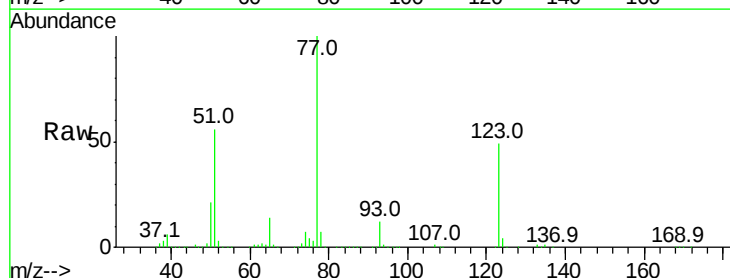
Tgt Ion: 77 Resp: 407876

Ion Ratio Lower Upper

77 100

123 48.9 37.9 56.9

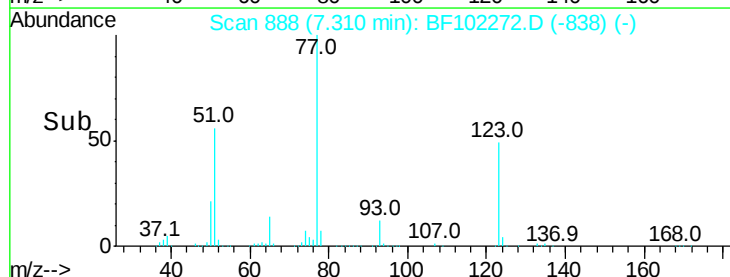
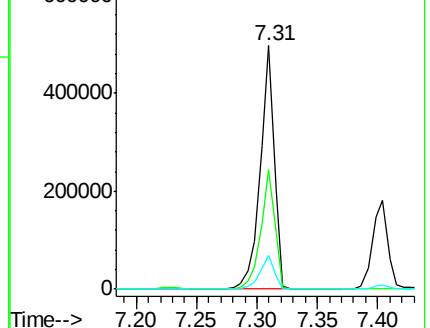
65 13.7 11.0 16.4

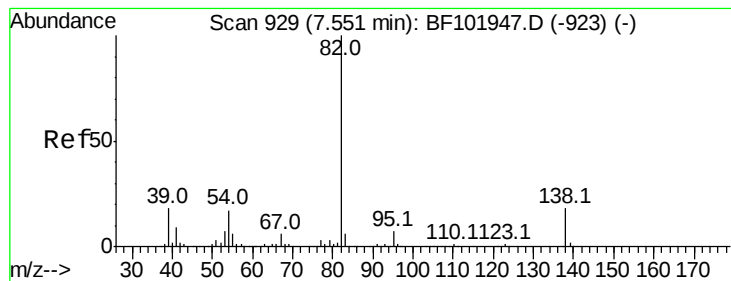


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.577 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

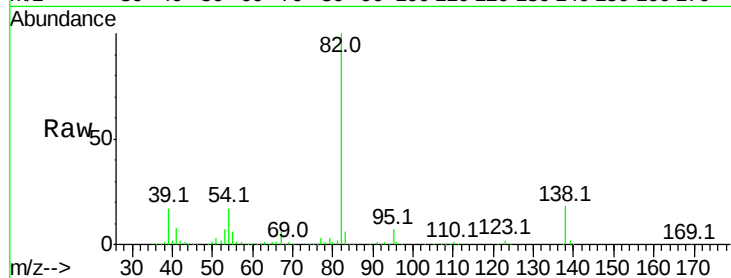
Tot Ion: 82 Resp: 730223

Ion Ratio Lower Upper

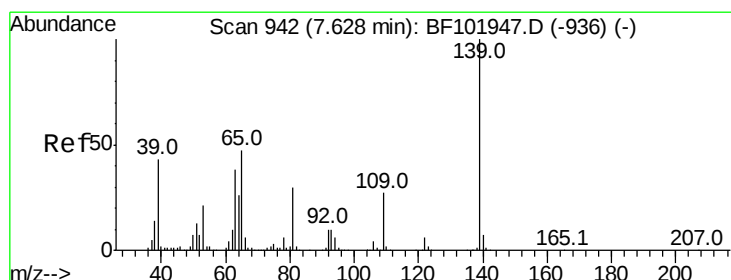
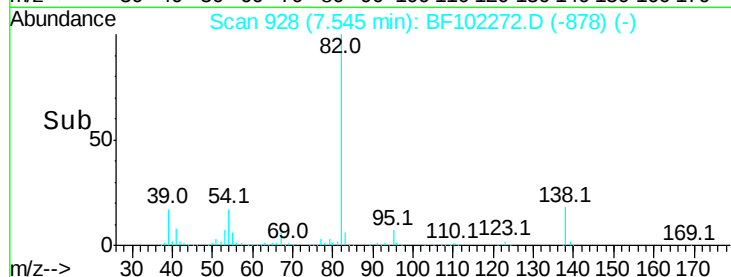
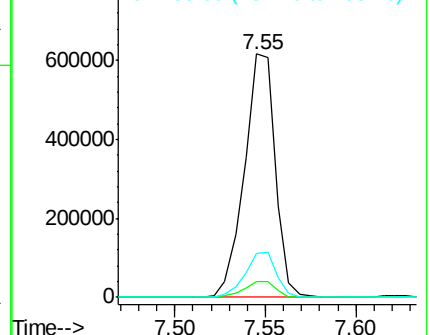
82 100

95 6.6 5.2 7.8

138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.926 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

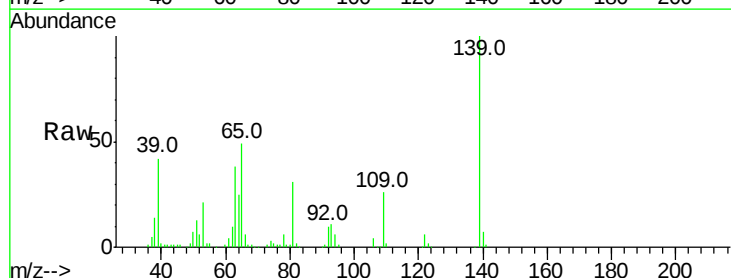
Tgt Ion: 139 Resp: 200545

Ion Ratio Lower Upper

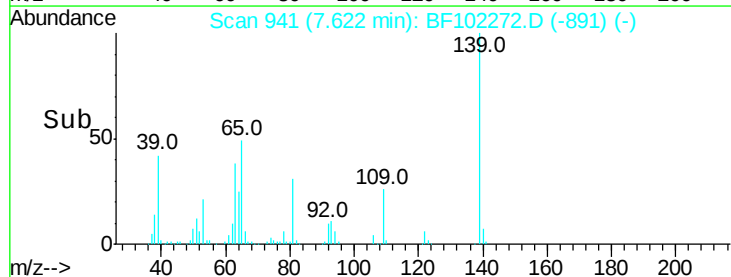
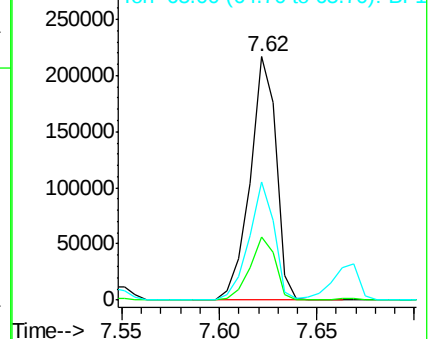
139 100

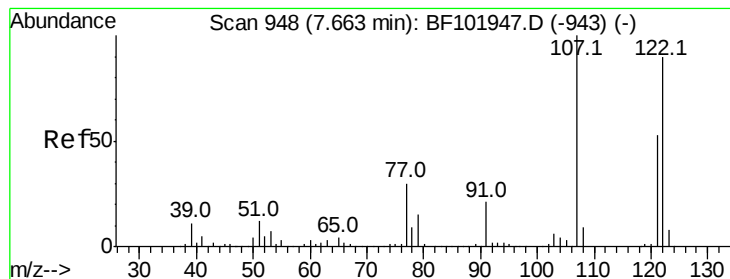
109 26.1 22.7 34.1

65 48.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 39.490 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :
BNA_F
ClientSampled :

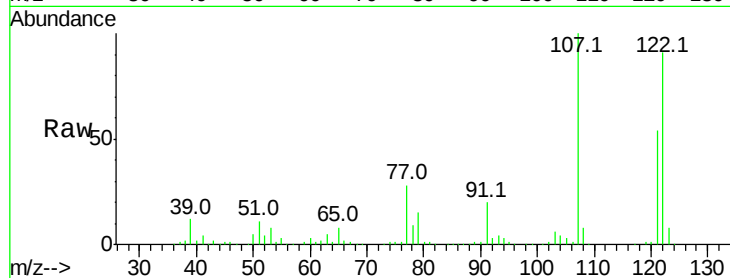
Tot Ion:122 Resp: 344563

Ion Ratio Lower Upper

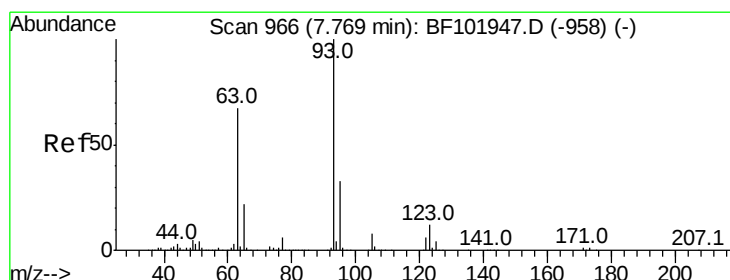
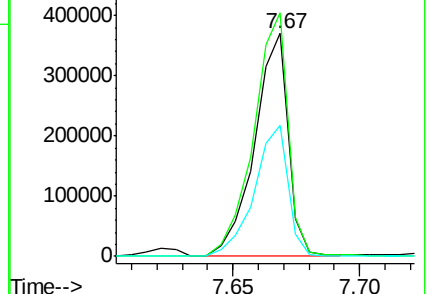
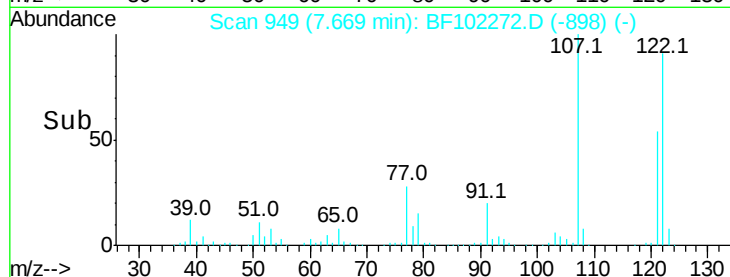
122 100

107 109.3 91.2 136.8

121 58.5 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: 37.158 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

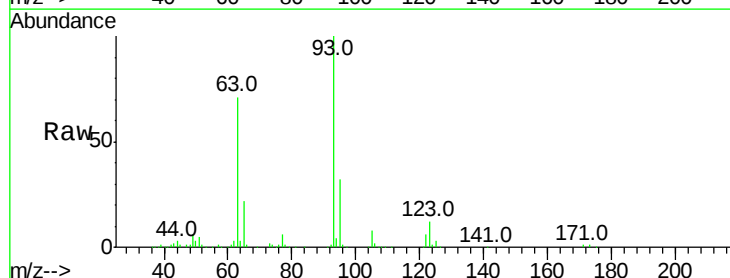
Tgt Ion: 93 Resp: 460506

Ion Ratio Lower Upper

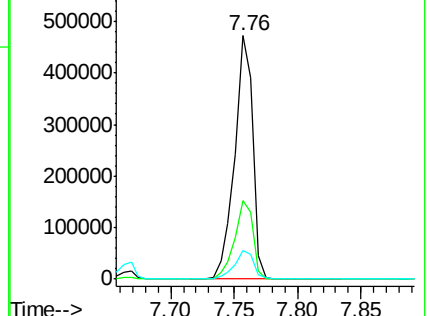
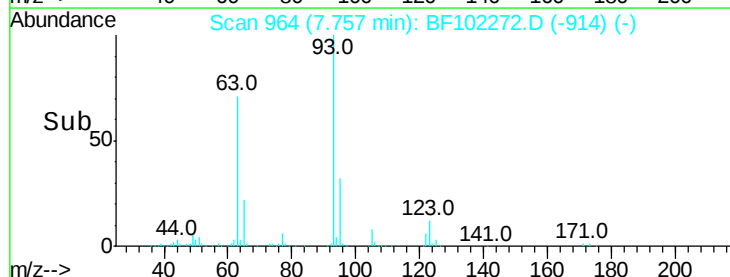
93 100

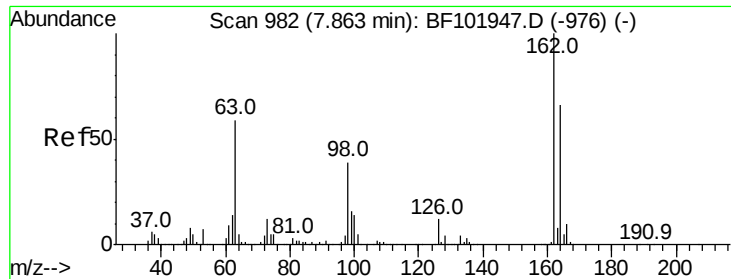
95 32.4 26.3 39.5

123 11.7 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: 39.525 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

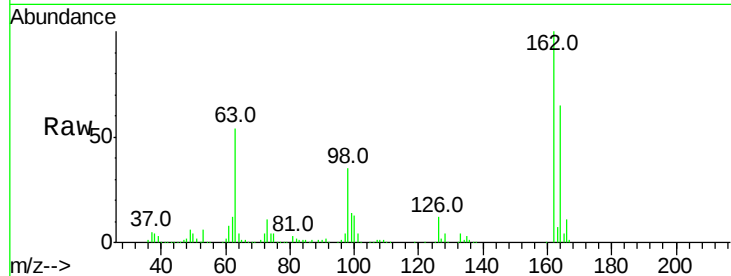
Tot Ion:162 Resp: 327465

Ion Ratio Lower Upper

162 100

164 65.1 42.7 82.7

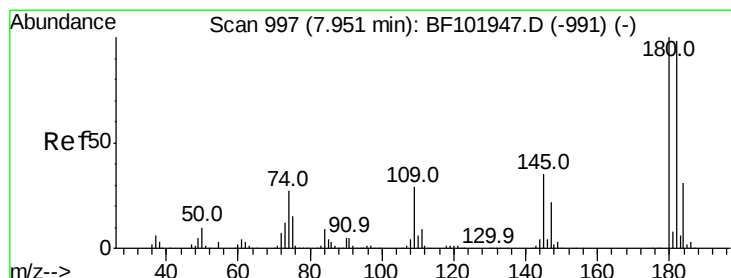
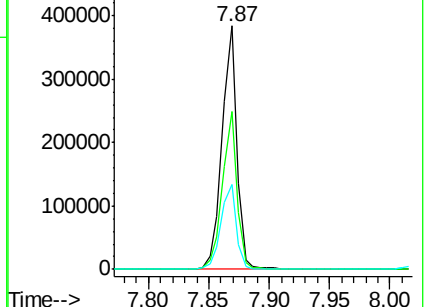
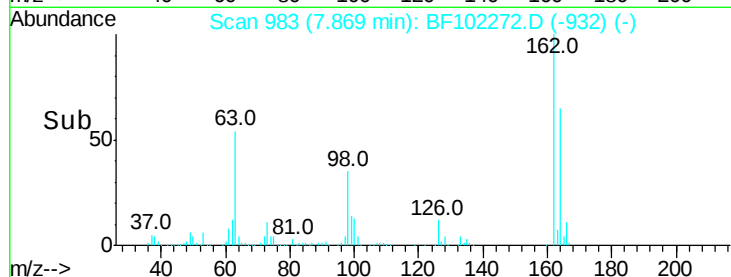
98 35.0 18.1 58.1



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: 36.867 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

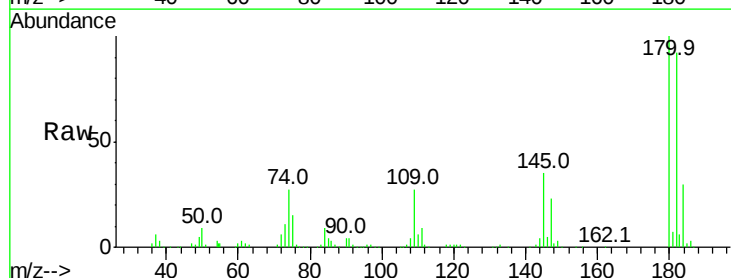
Tgt Ion:180 Resp: 319484

Ion Ratio Lower Upper

180 100

182 92.5 76.8 115.2

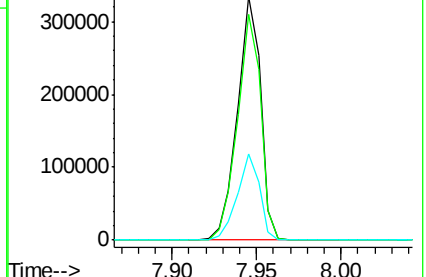
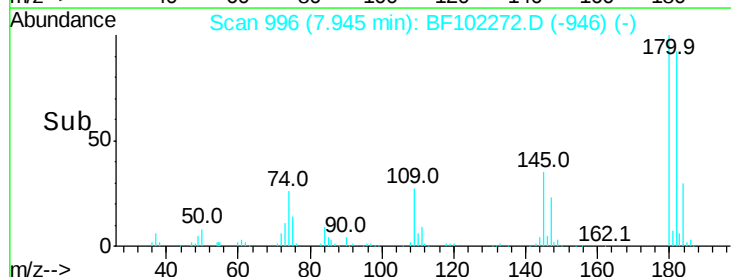
145 35.3 26.5 39.7

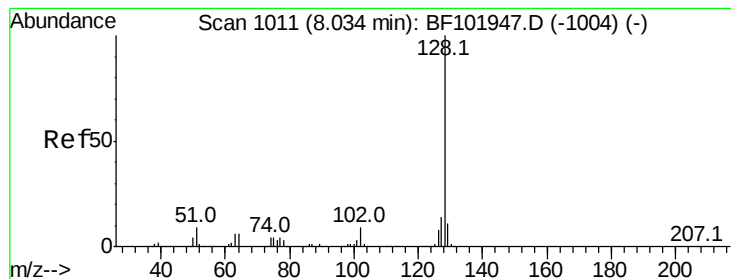


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.073 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

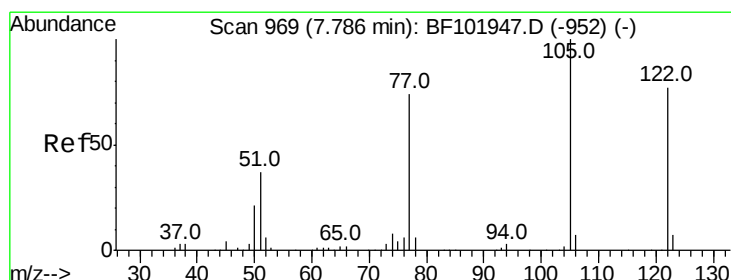
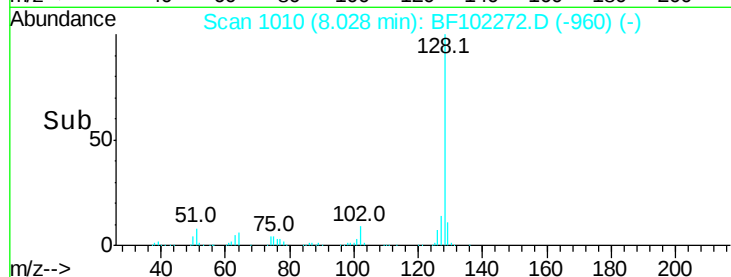
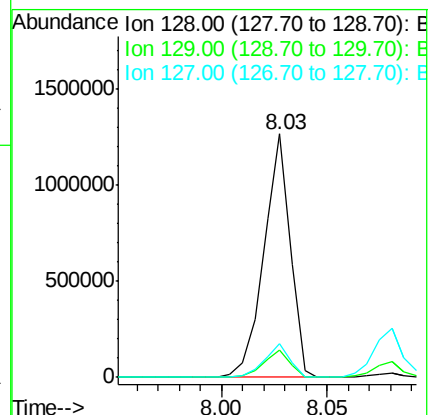
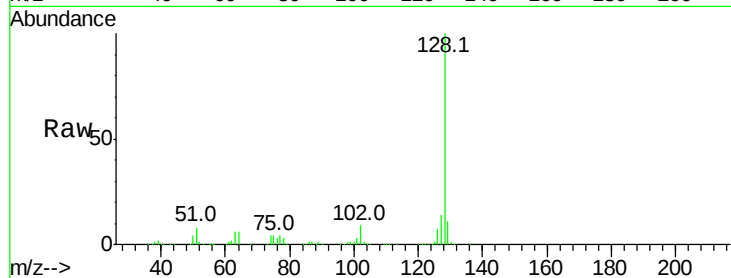
Tot Ion:128 Resp: 1100300

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.7 10.9 16.3



#32

Benzoic acid

Concen: 13.361 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

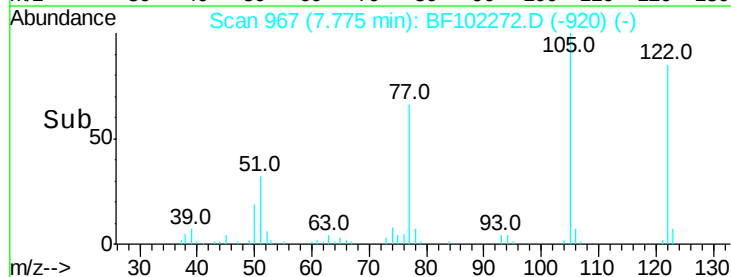
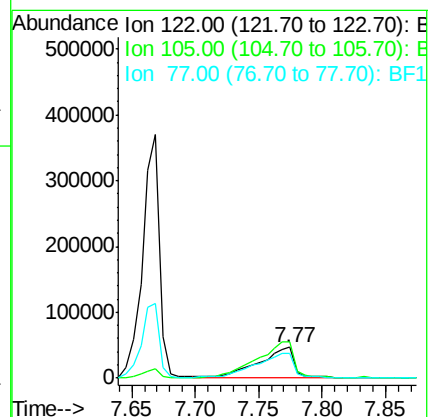
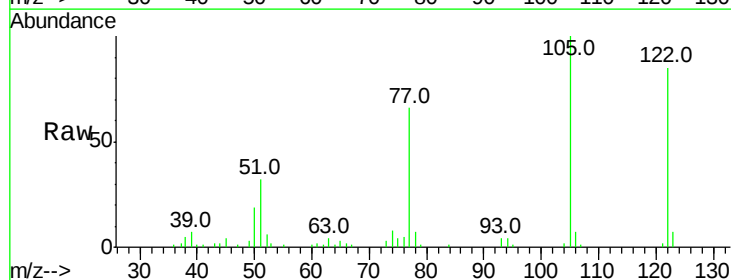
Tgt Ion:122 Resp: 88403

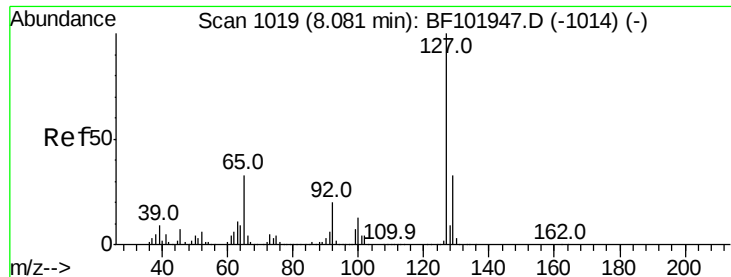
Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

77 78.5 70.7 110.7

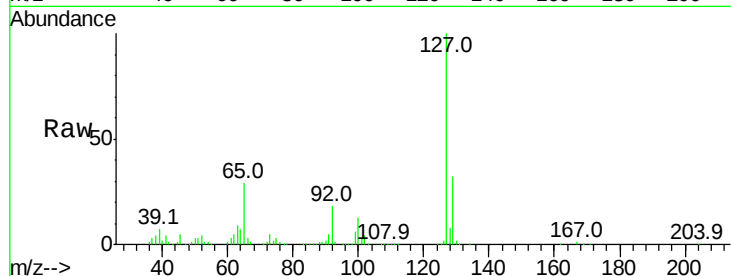




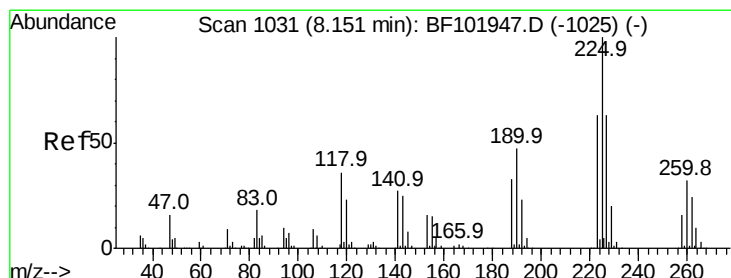
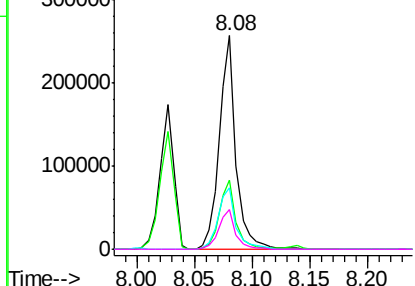
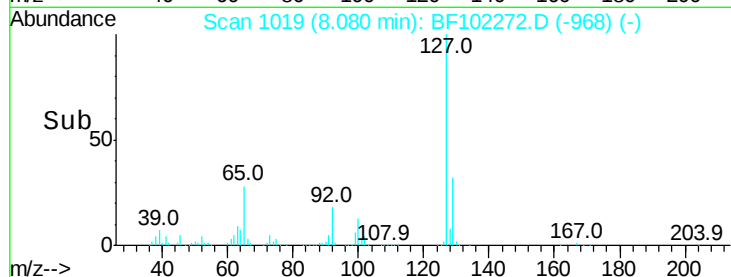
#33
4-Chloroaniline
Concen: 19.561 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	254660
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	28.5	25.0	37.4
92	18.4	15.2	22.8

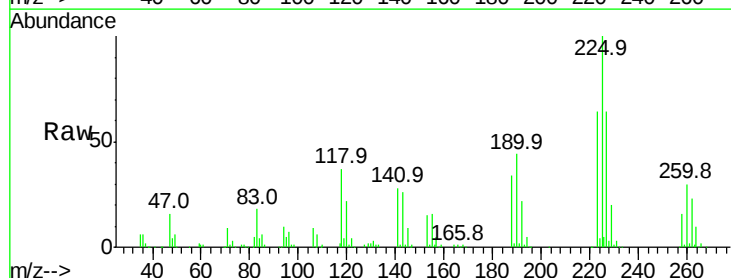


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

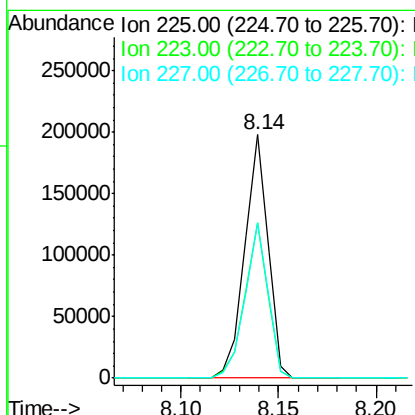
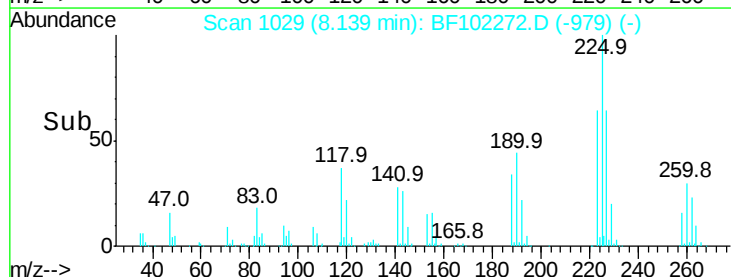


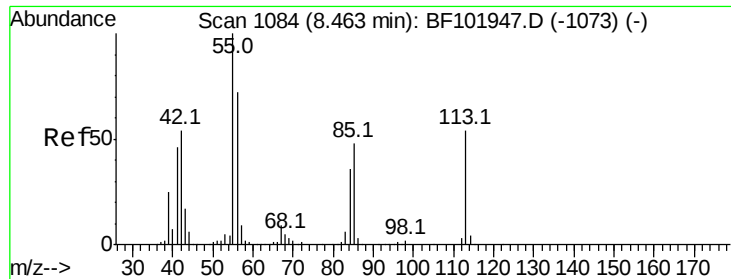
#34
Hexachlorobutadiene
Concen: 35.890 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:	225	Resp:	164629
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.7	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

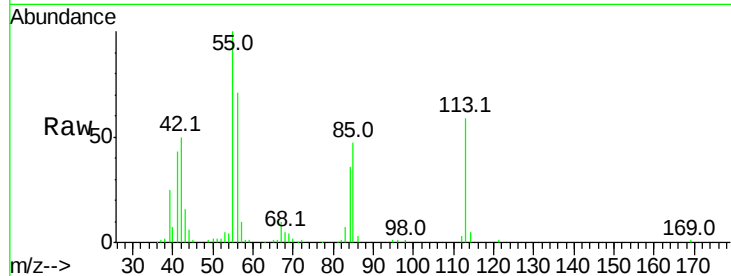




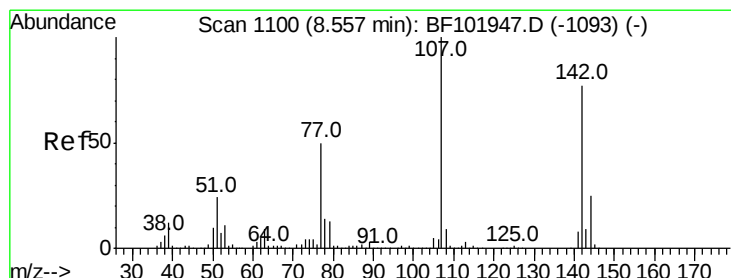
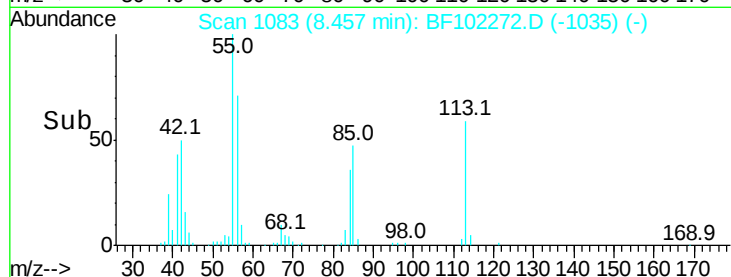
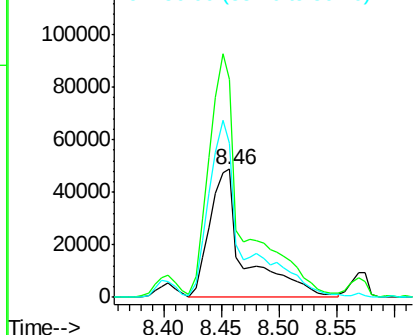
#35
Caprolactam
Concen: 36.693 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 104362
Ion Ratio Lower Upper
113 100
55 170.6 163.3 203.3
56 120.7 115.7 155.7

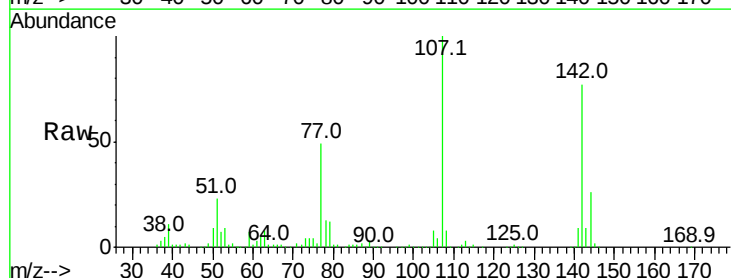


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

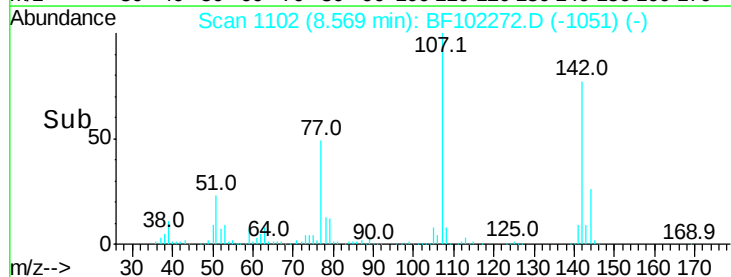
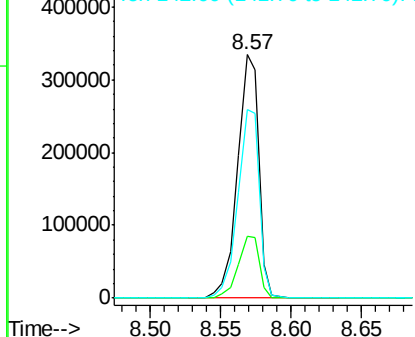


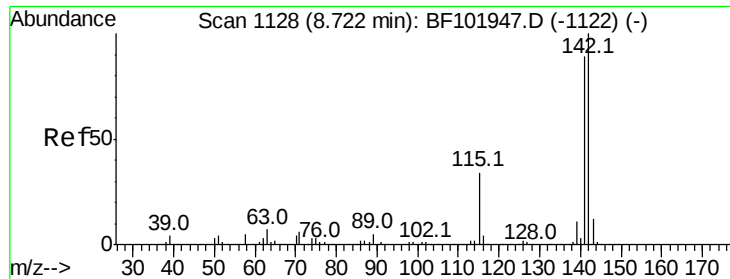
#36
4-Chloro-3-methylphenol
Concen: 38.678 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:107 Resp: 350763
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 77.4 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

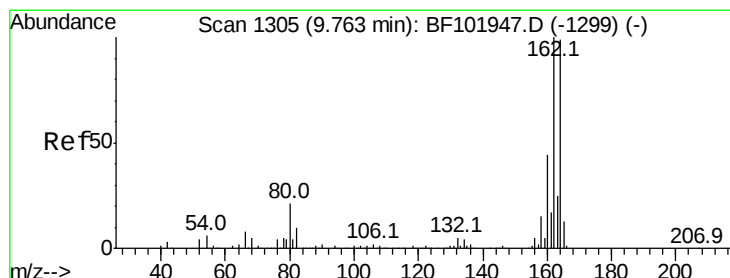
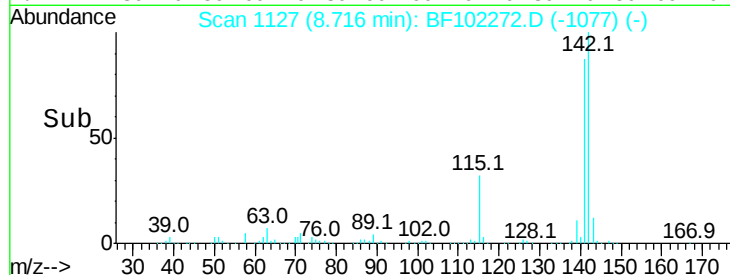
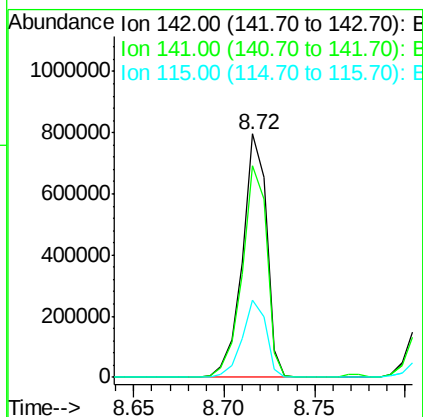
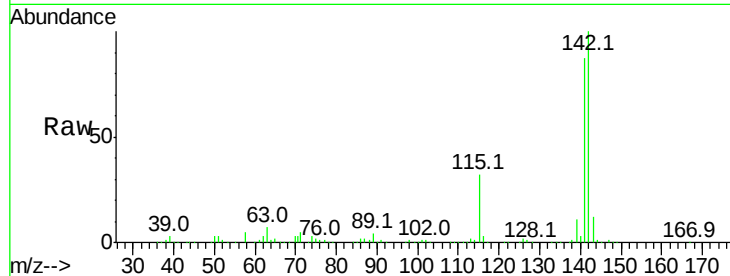




#37
2-Methylnaphthalene
Concen: 36.720 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

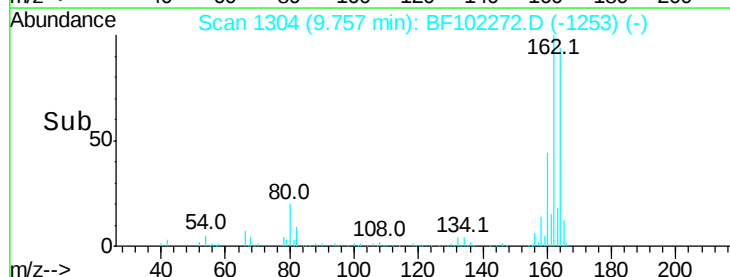
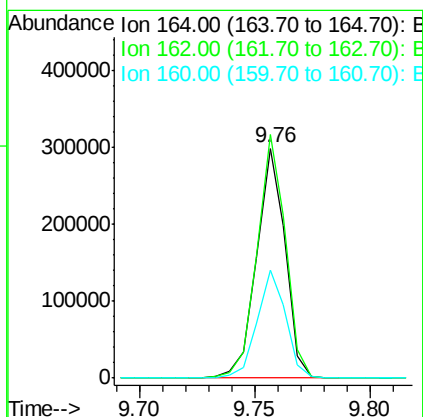
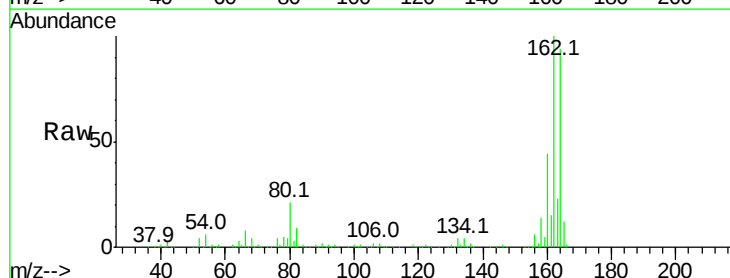
Instrument :
BNA_F
ClientSampled :

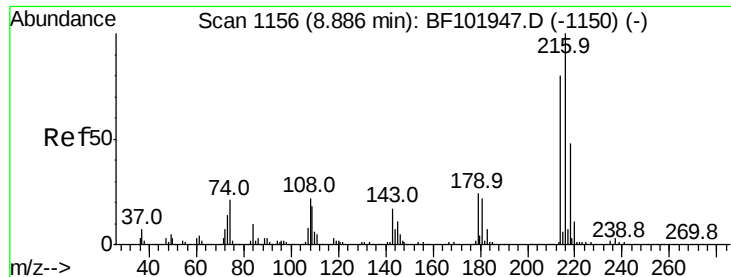
Tot Ion:142 Resp: 737359
Ion Ratio Lower Upper
142 100
141 86.7 70.8 106.2
115 32.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:164 Resp: 256208
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 47.1 38.3 57.5

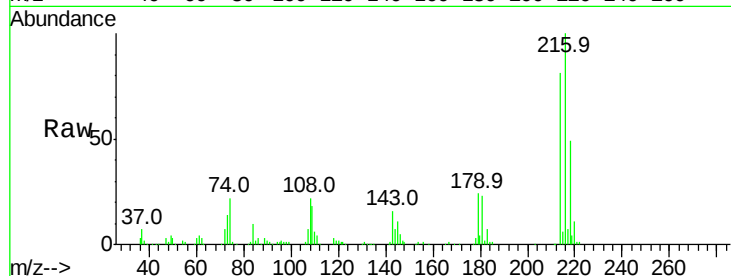




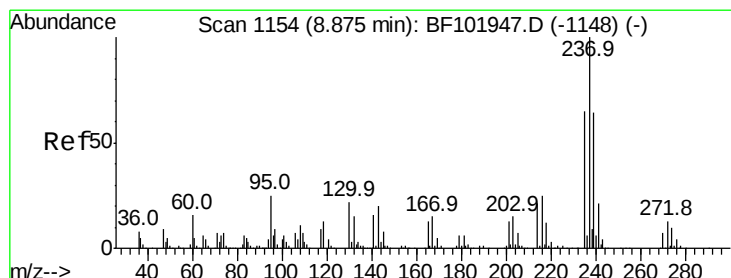
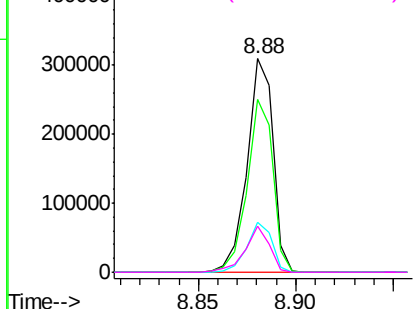
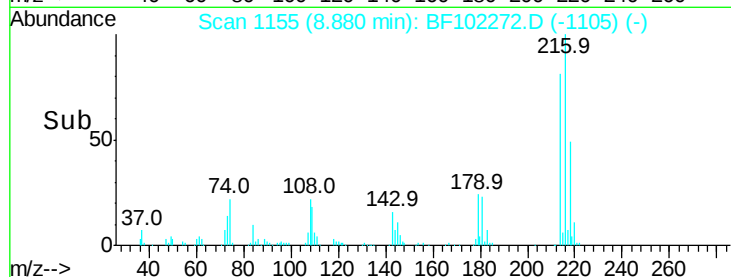
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.381 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	285445
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	22.6	18.1	27.1
108	20.5	17.2	25.8

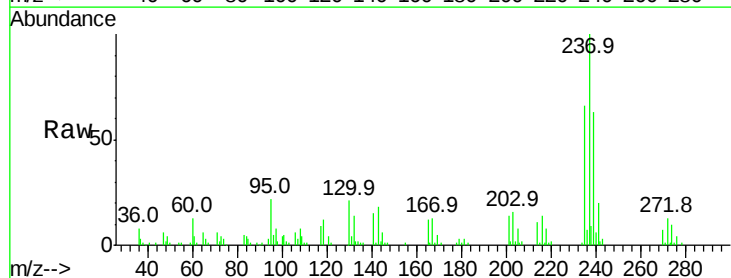


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

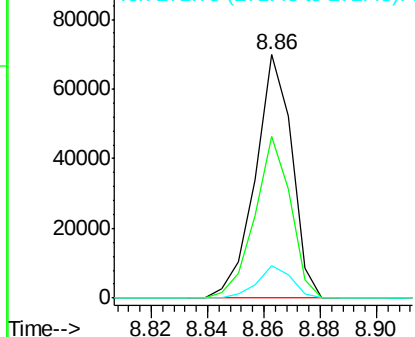
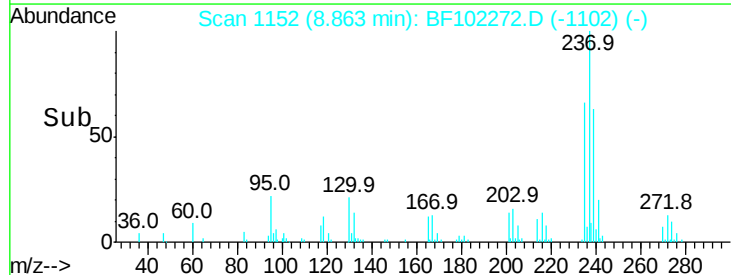


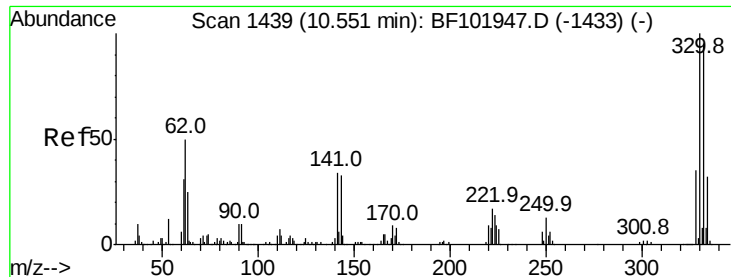
#40
 Hexachlorocyclopentadiene
 Concen: 15.826 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion:	237	Resp:	62736
Ion	Ratio	Lower	Upper
237	100		
235	66.2	44.8	84.8
272	13.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

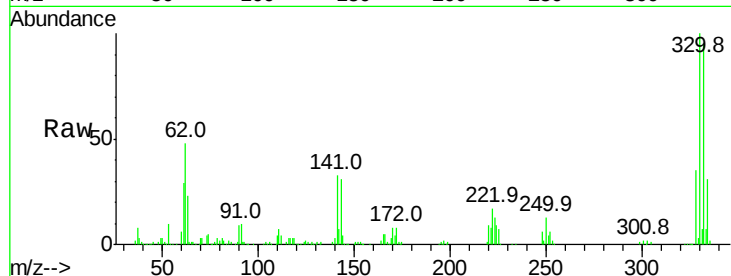




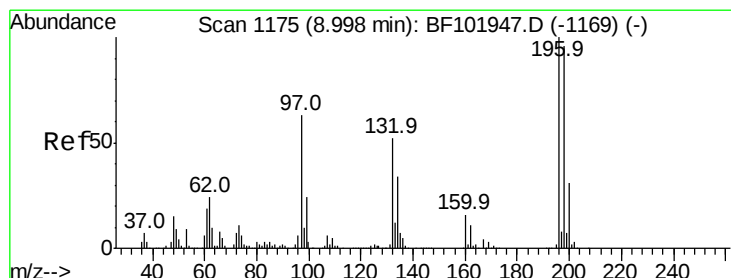
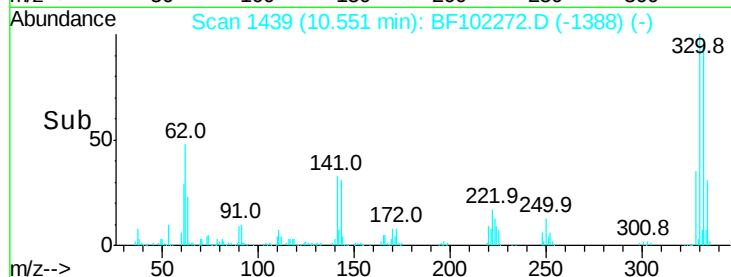
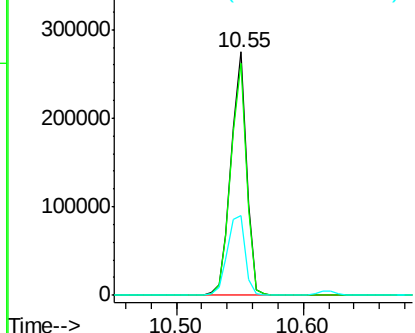
#41
 2,4,6-Tribromophenol
 Concen: 104.666 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.6	29.9	44.9

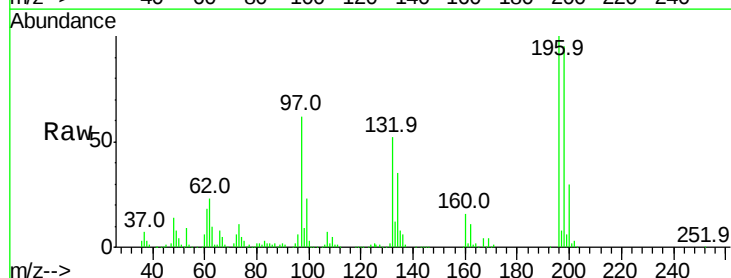


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

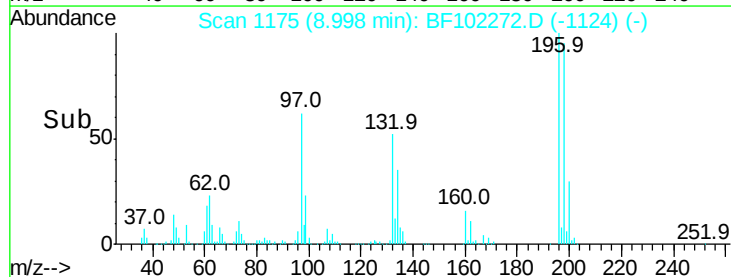
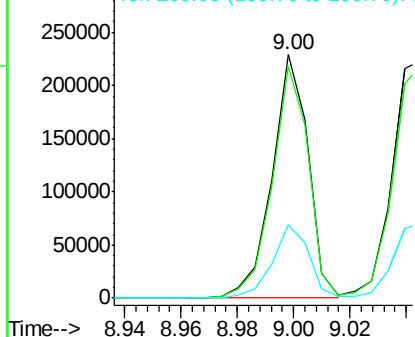


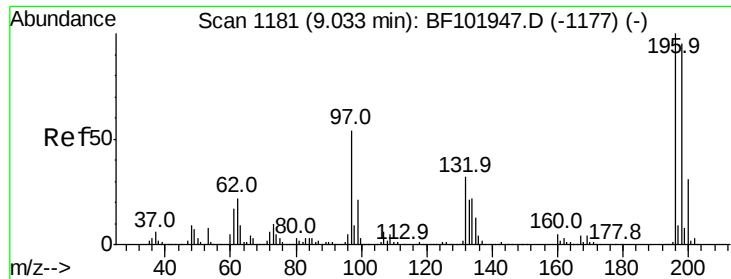
#42
 2,4,6-Trichlorophenol
 Concen: 40.584 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	30.4	24.5	36.7



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

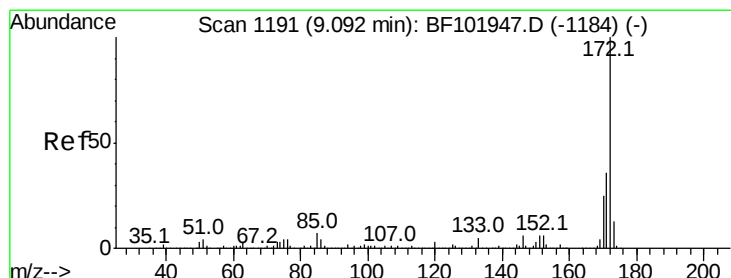
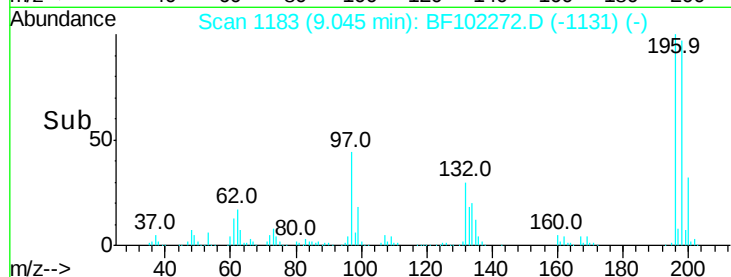
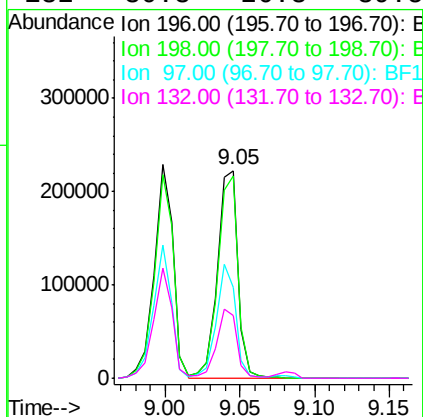
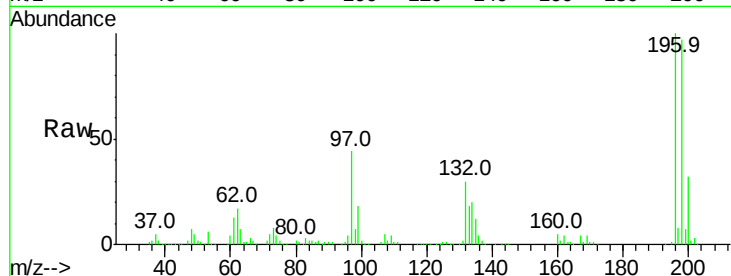




#43
 2,4,5-Trichlorophenol
 Concen: 38.217 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

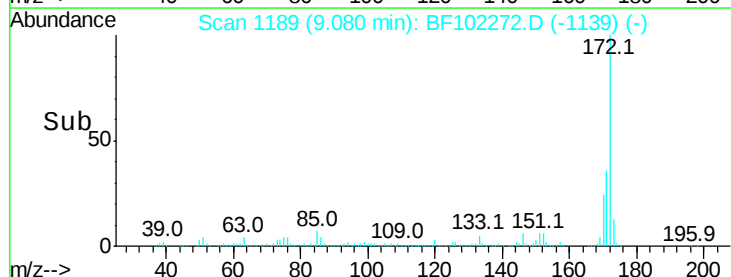
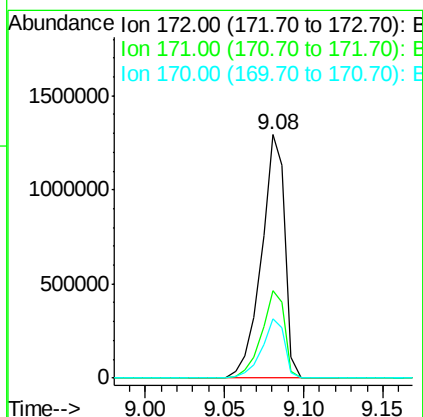
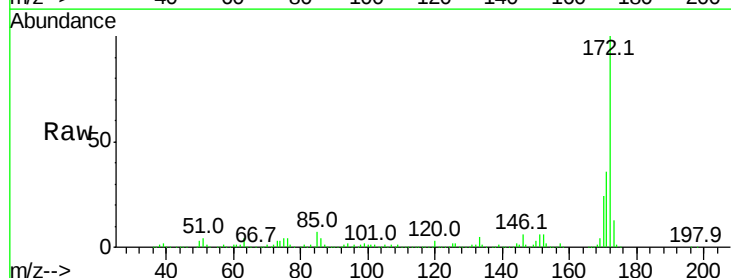
Instrument :
 BNA_F
 ClientSampleId :

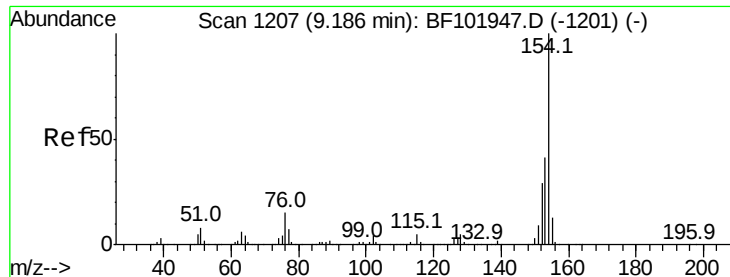
Tot Ion:	196	Resp:	215749
Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.6	112.0
97	43.6	42.9	64.3
132	30.3	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 81.271 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion:	172	Resp:	1332815
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.455 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampled :

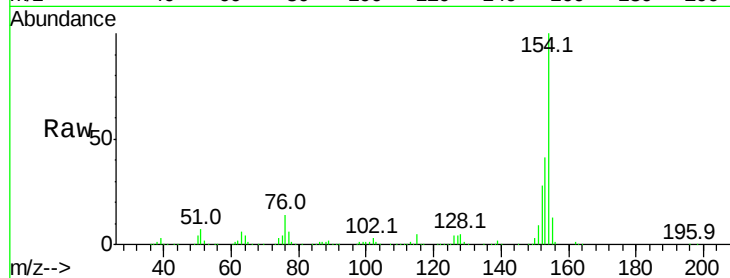
Tot Ion:154 Resp: 848201

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

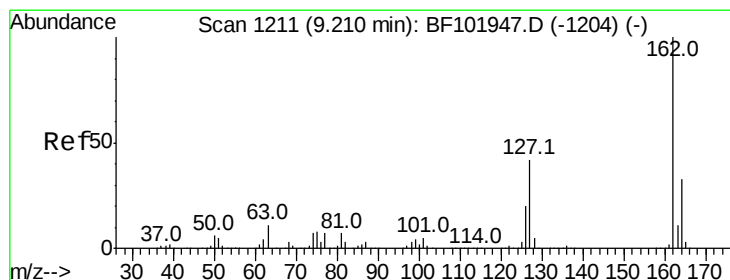
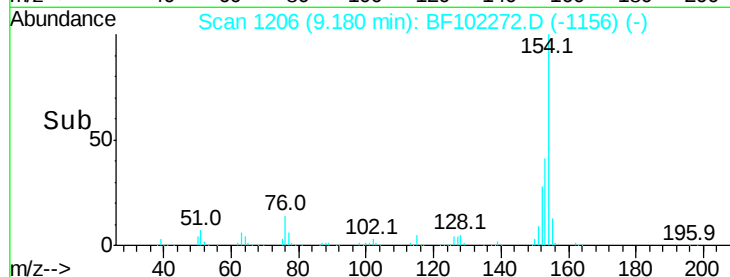
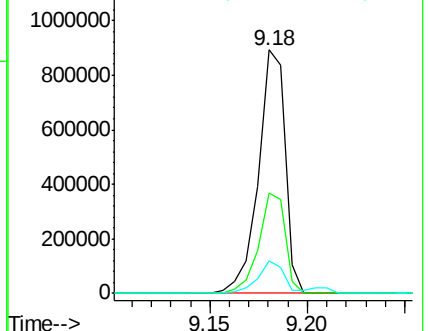
76 13.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.383 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

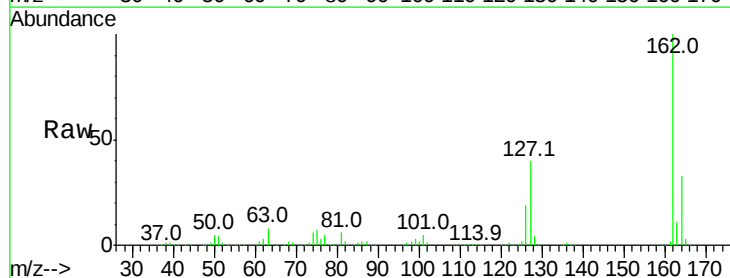
Tgt Ion:162 Resp: 656488

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

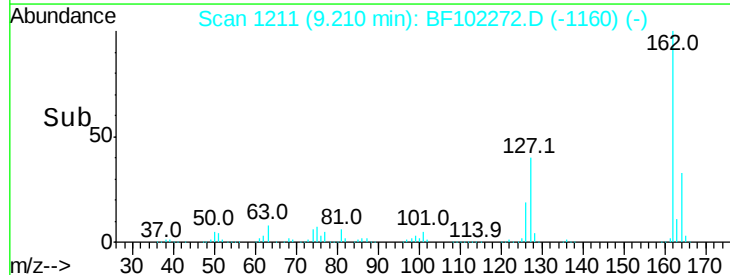
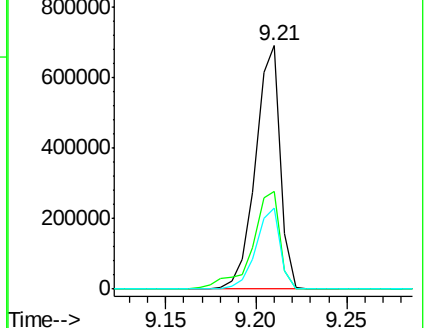
164 33.1 26.5 39.7

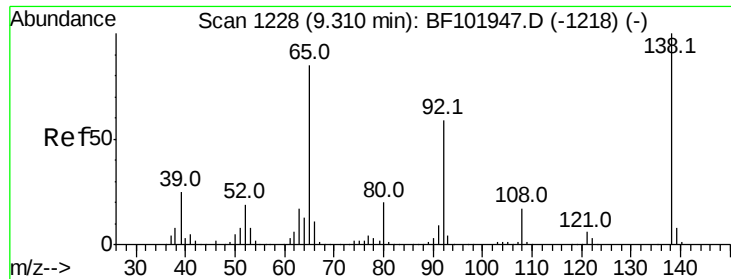


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

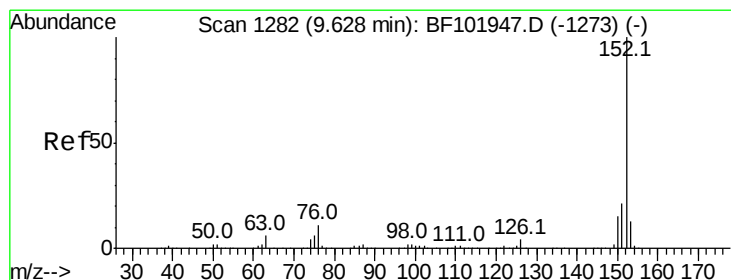
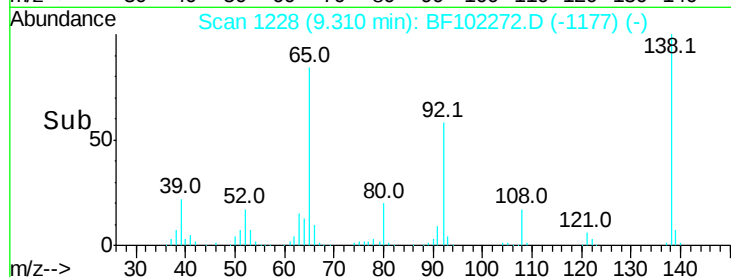
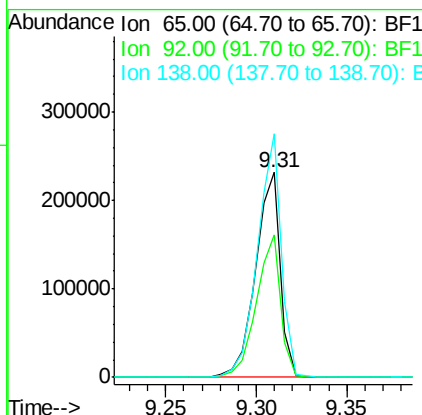
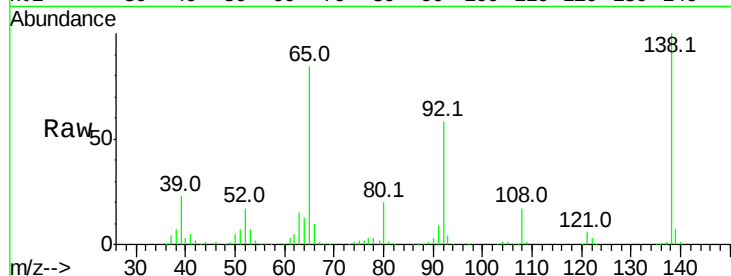




#47
 2-Nitroaniline
 Concen: 41.681 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

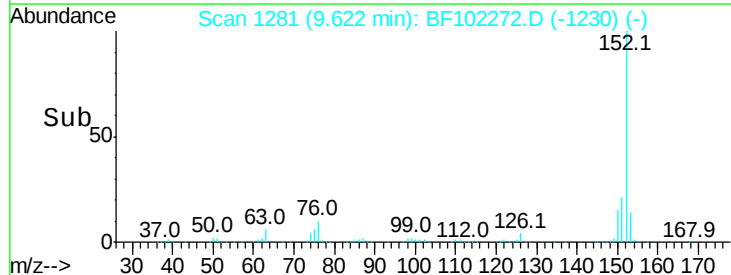
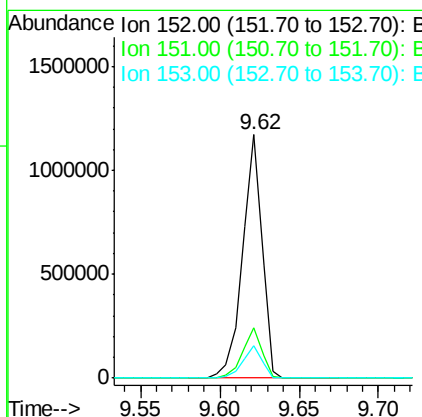
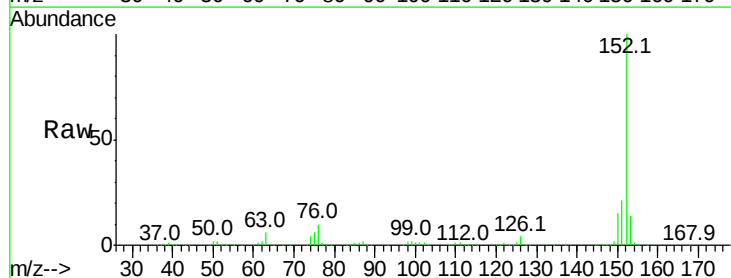
Instrument :
 BNA_F
 ClientSampleId :

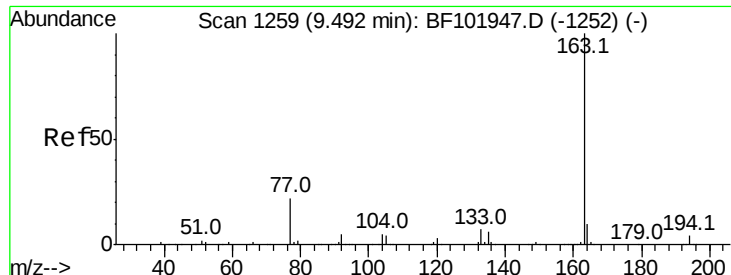
Tot Ion: 65 Resp: 219258
 Ion Ratio Lower Upper
 65 100
 92 69.4 55.8 83.6
 138 118.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.732 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion: 152 Resp: 995824
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 43.631 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

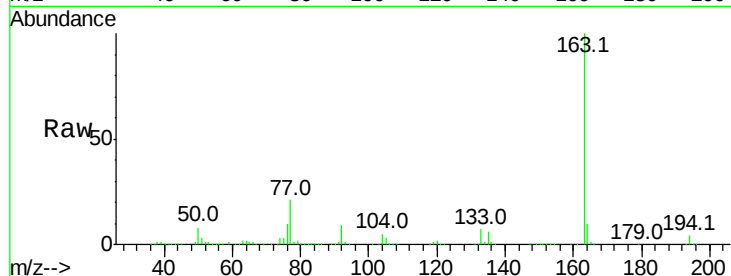
Tot Ion:163 Resp: 896758

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

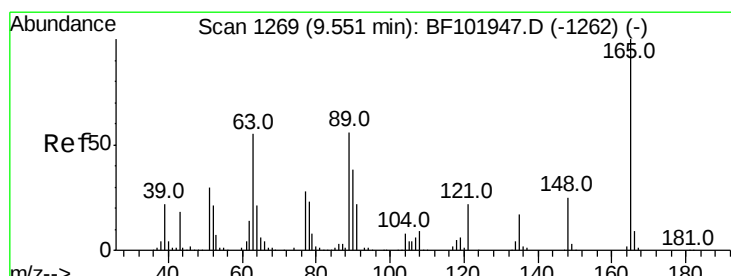
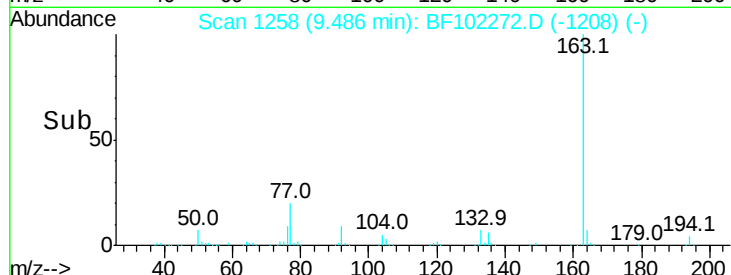
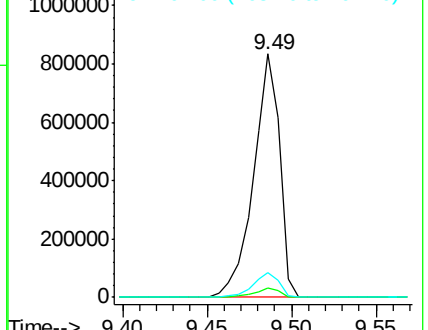
164 10.3 8.2 12.2



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: 39.464 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

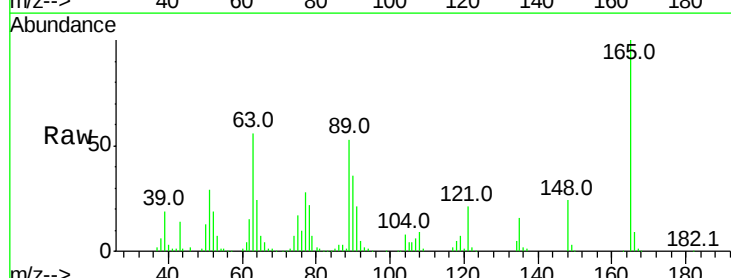
Tgt Ion:165 Resp: 162019

Ion Ratio Lower Upper

165 100

63 56.3 44.7 67.1

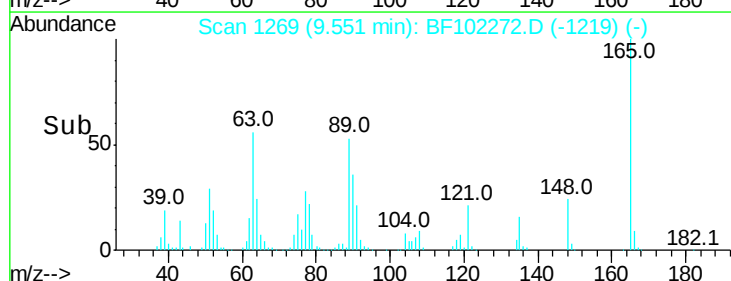
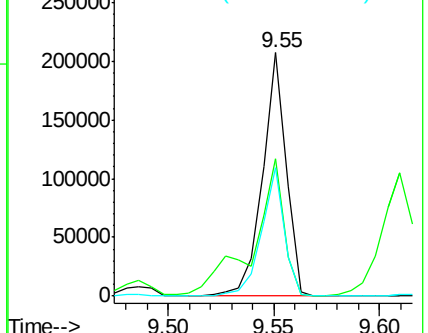
89 52.5 44.0 66.0

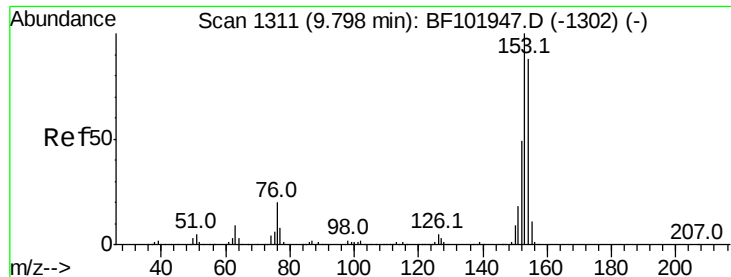


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.002 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

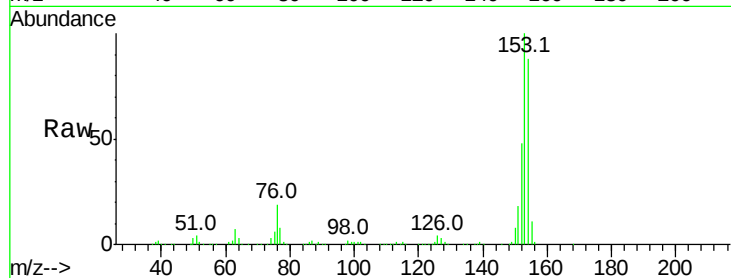
Tot Ion:154 Resp: 575150

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

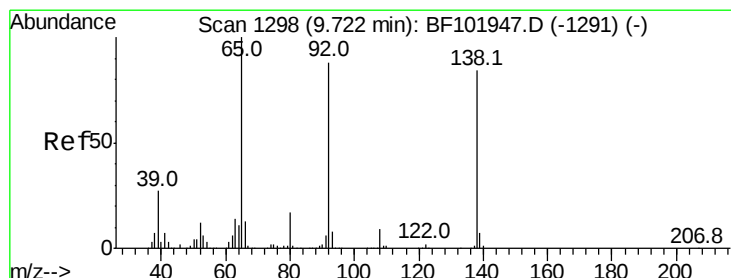
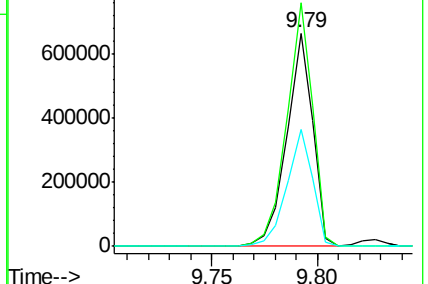
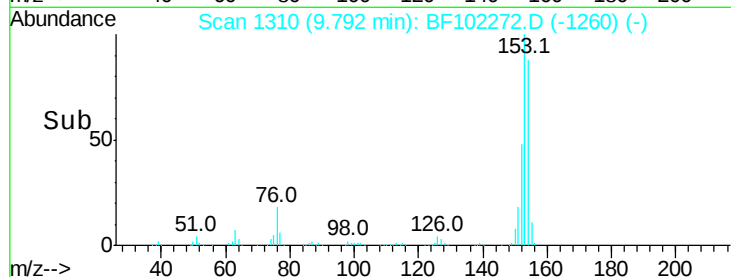
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.975 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

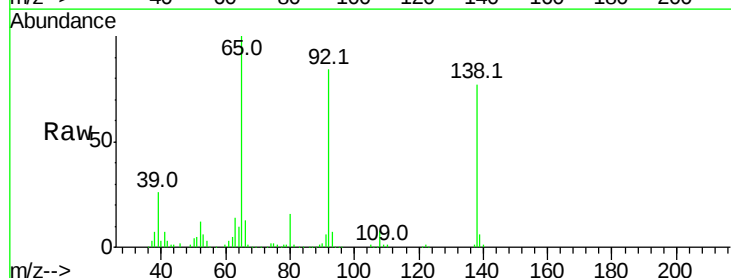
Tgt Ion:138 Resp: 160494

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

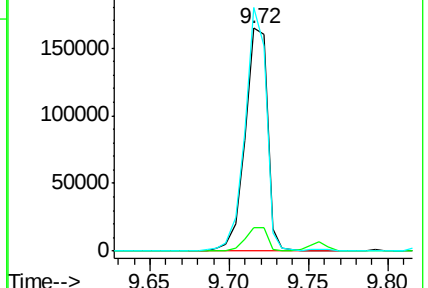
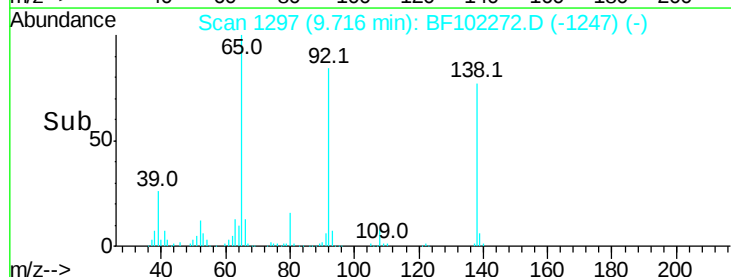
92 109.3 89.4 134.2

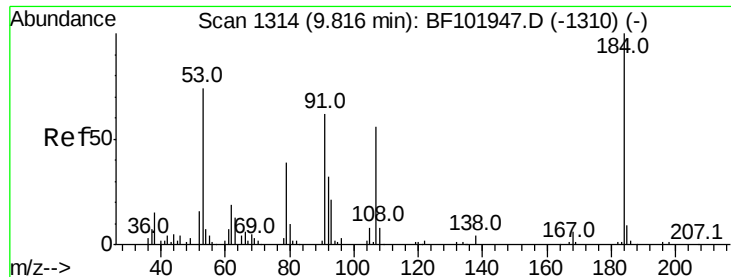


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

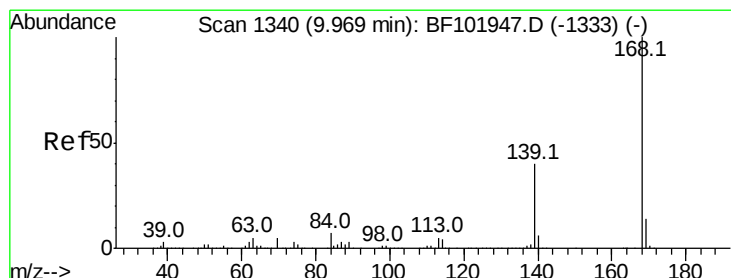
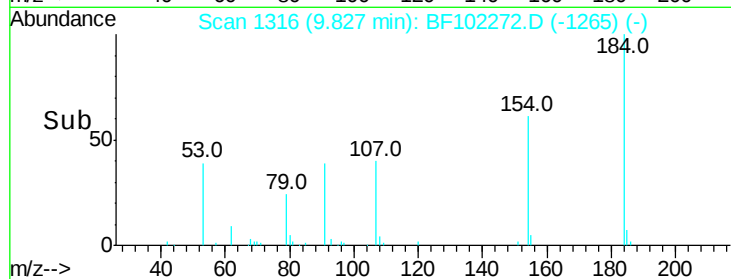
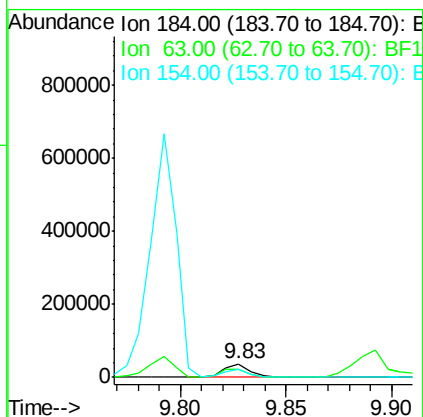
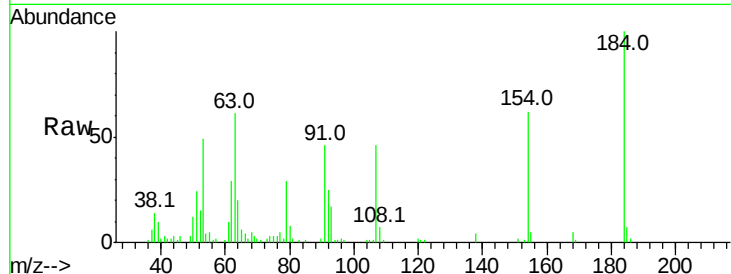




#53
 2,4-Dinitrophenol
 Concen: 27.427 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

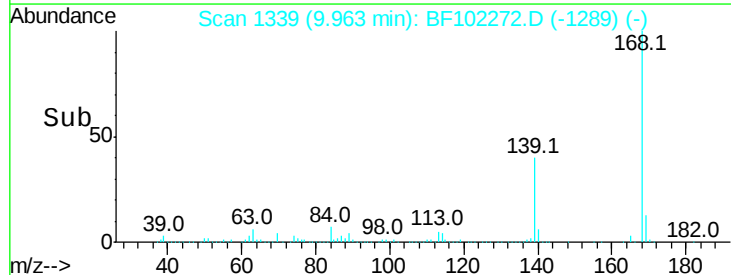
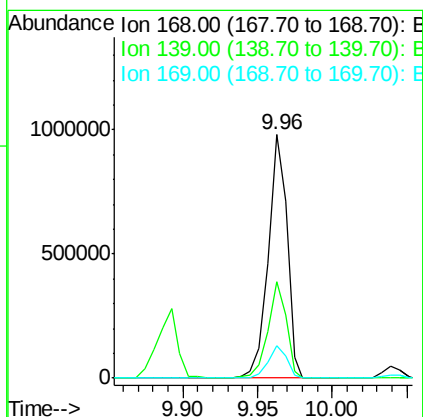
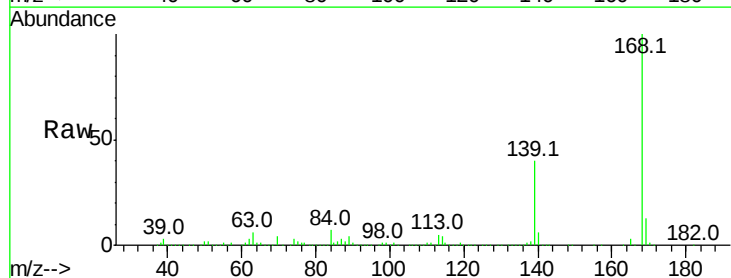
Instrument :
 BNA_F
 ClientSampleId :

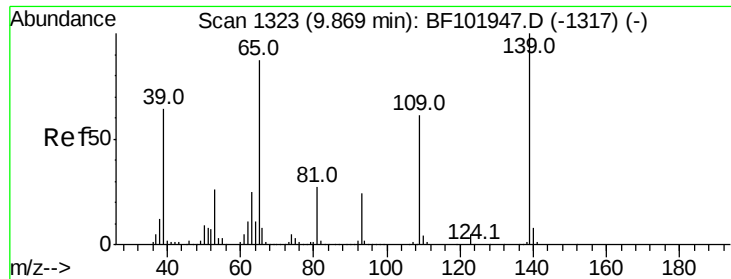
Tot Ion:184 Resp: 33021
 Ion Ratio Lower Upper
 184 100
 63 60.7 54.2 81.2
 154 61.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.552 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion:168 Resp: 848555
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.1 45.1
 169 13.4 10.9 16.3

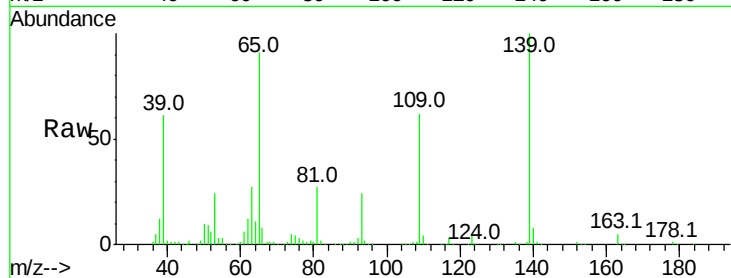




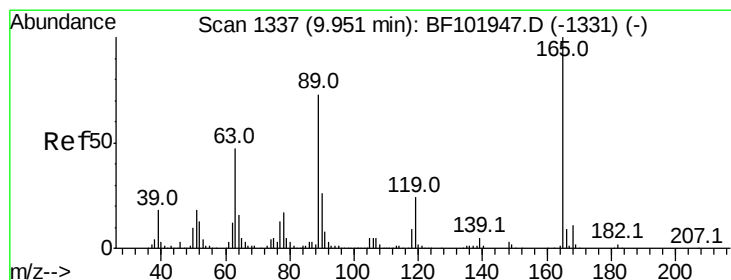
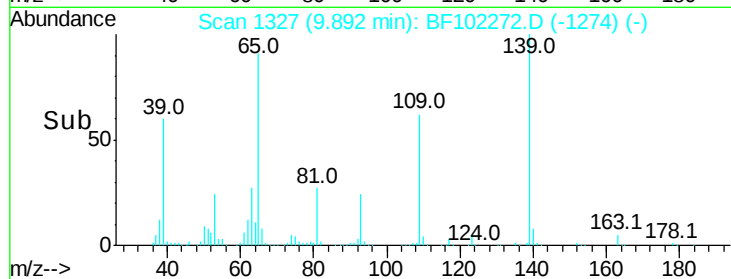
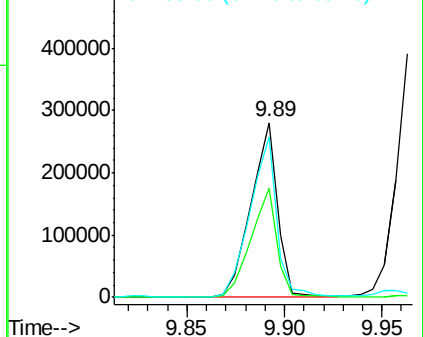
#55
4-Nitrophenol
Concen: 69.001 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 266438
Ion Ratio Lower Upper
139 100
109 62.3 48.4 88.4
65 91.4 72.6 112.6

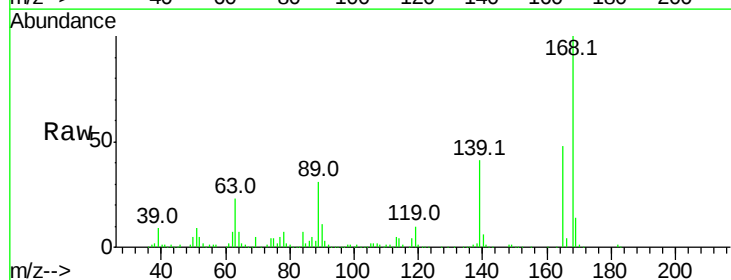


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

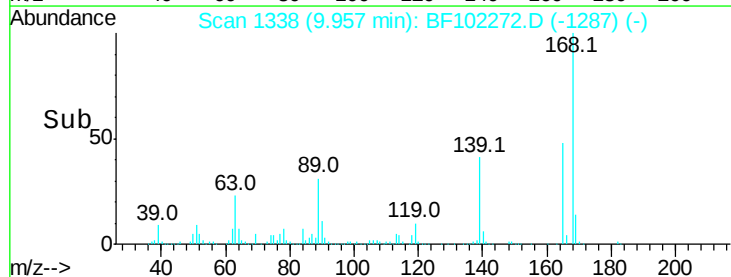
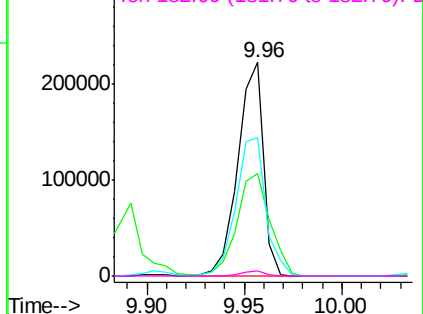


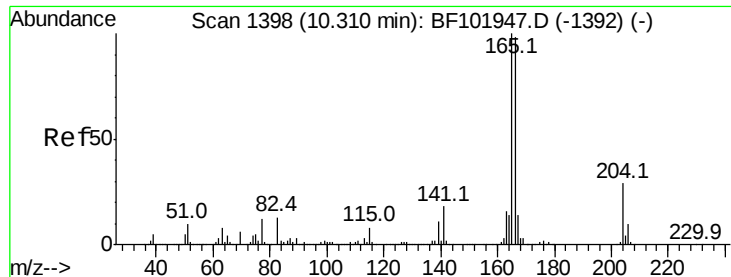
#56
2,4-Dinitrotoluene
Concen: 39.073 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:165 Resp: 201060
Ion Ratio Lower Upper
165 100
63 47.9 36.4 54.6
89 64.7 57.8 86.6
182 2.3 1.6 2.4



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





#57

Fluorene

Concen: 39.925 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

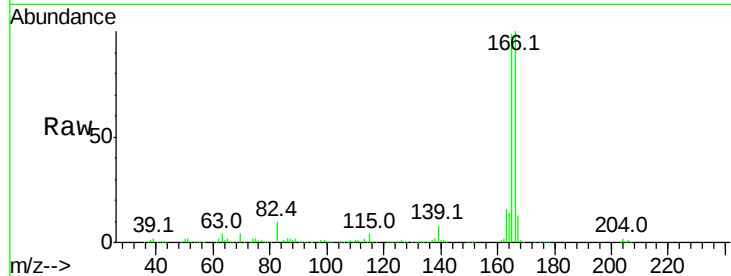
Tot Ion:166 Resp: 640737

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

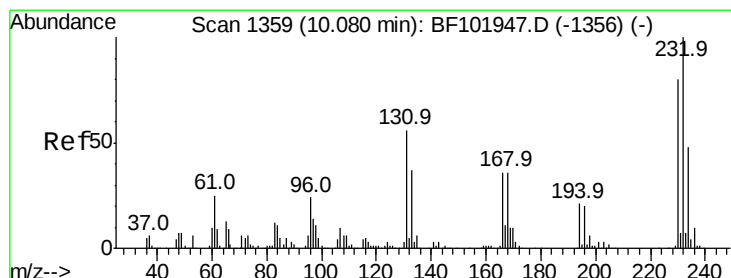
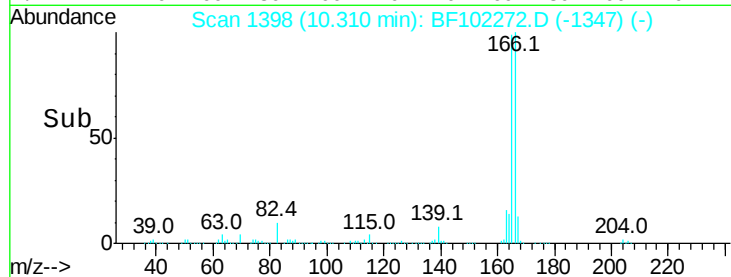
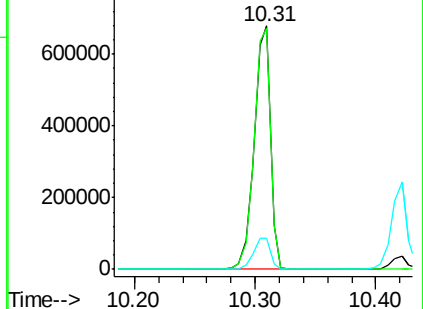
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.878 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Tgt Ion:232 Resp: 156257

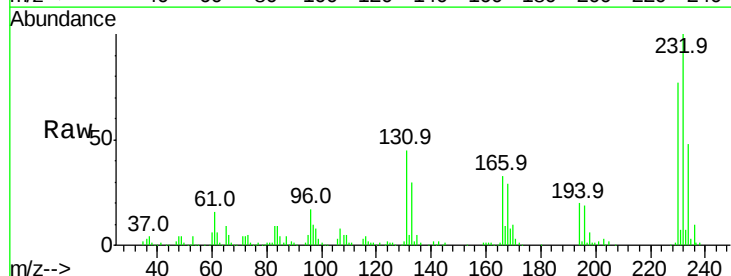
Ion Ratio Lower Upper

232 100

131 51.5 43.8 65.8

130 2.4 2.1 3.1

166 35.1 27.8 41.6

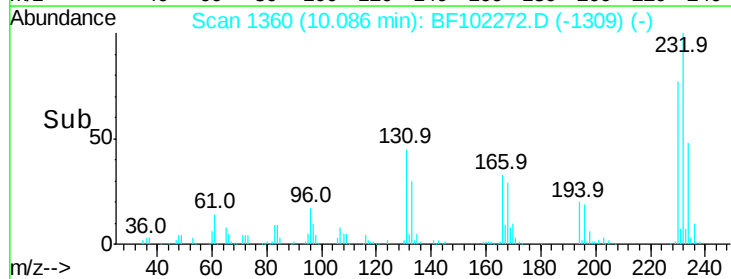
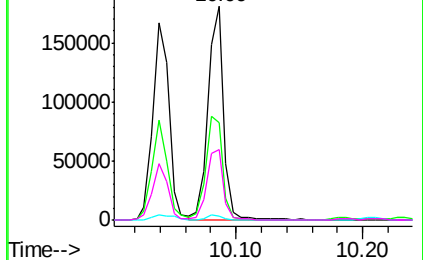


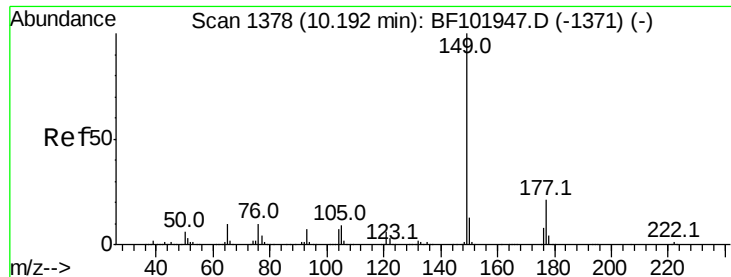
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

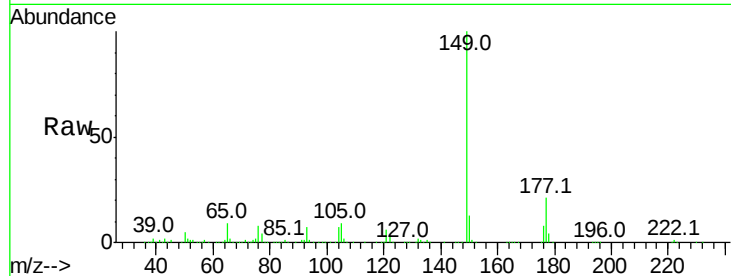




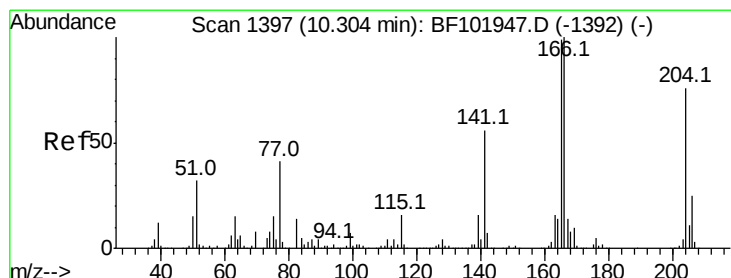
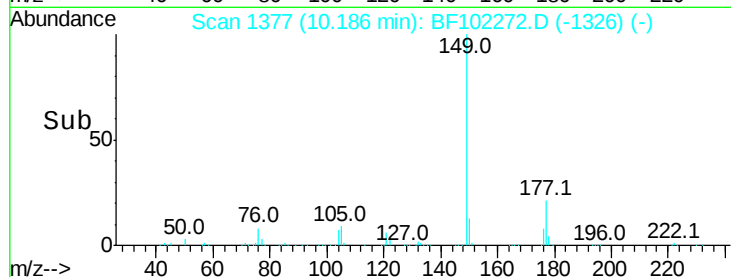
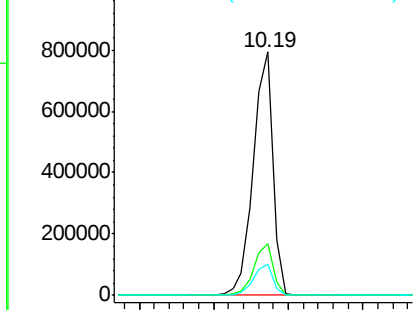
#59
Diethylphthalate
Concen: 35.249 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 720663
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.5 10.1 15.1

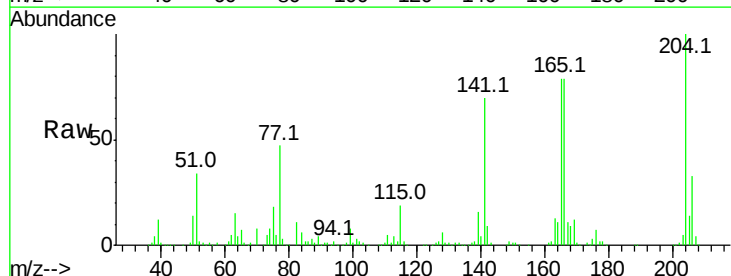


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

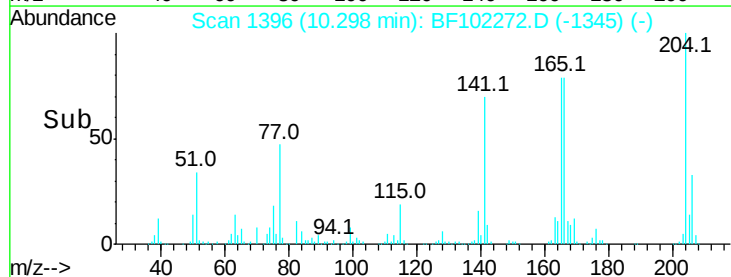
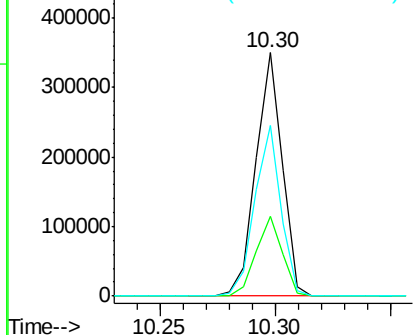


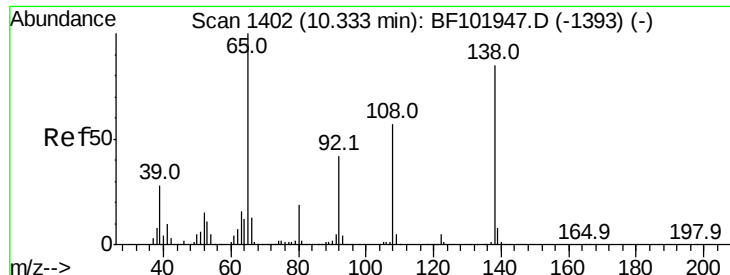
#60
4-Chlorophenyl-phenylether
Concen: 40.908 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:204 Resp: 279553
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 70.0 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

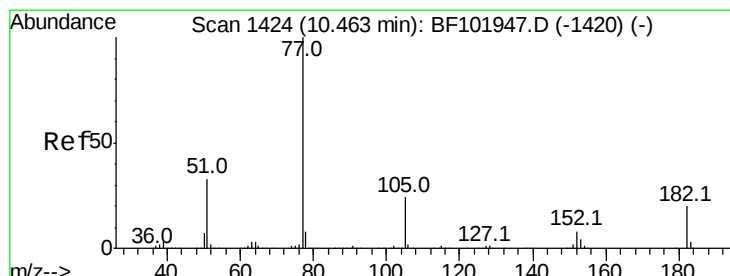
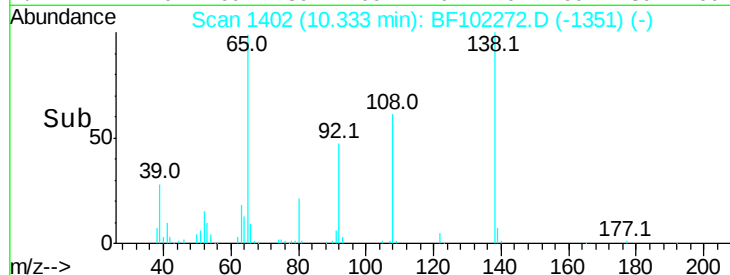
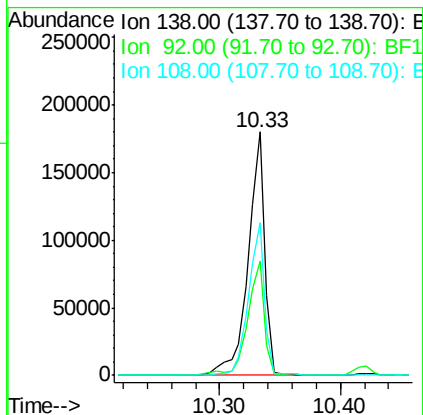
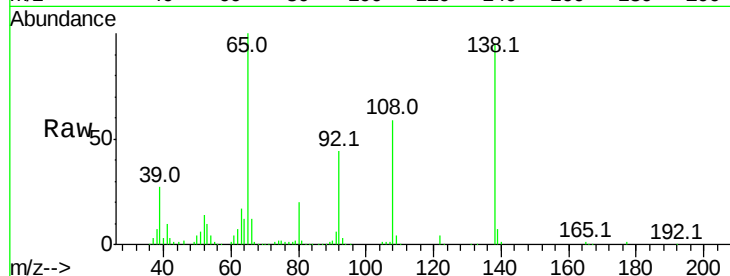




#61
4-Nitroaniline
Concen: 35.171 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

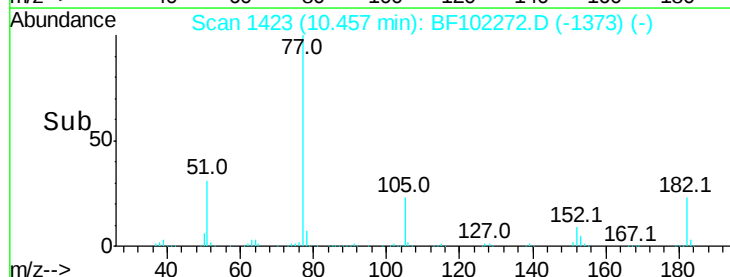
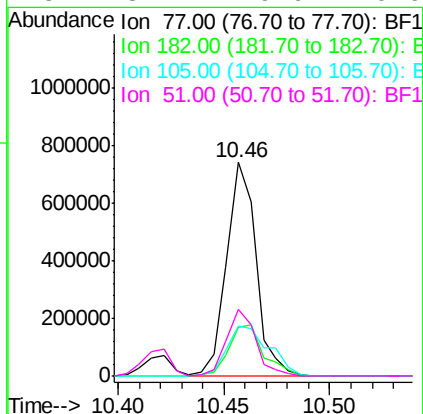
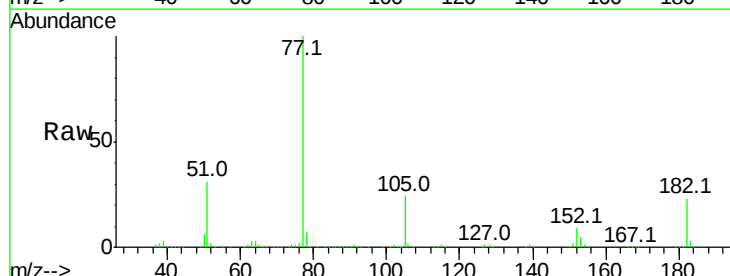
Instrument :
BNA_F
ClientSampled :

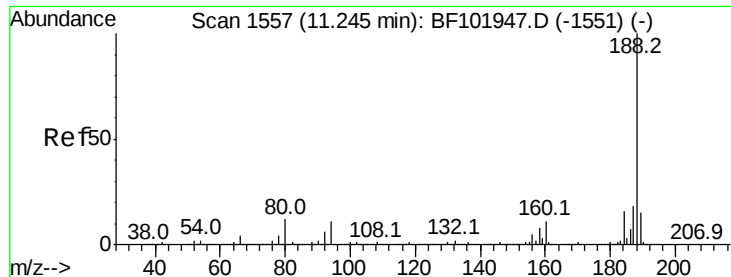
Tot Ion:138 Resp: 172947
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 62.9 52.5 92.5



#62
Azobenzene
Concen: 34.979 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion: 77 Resp: 711512
Ion Ratio Lower Upper
77 100
182 23.0 1.7 41.7
105 23.5 3.0 43.0
51 31.2 9.9 49.9

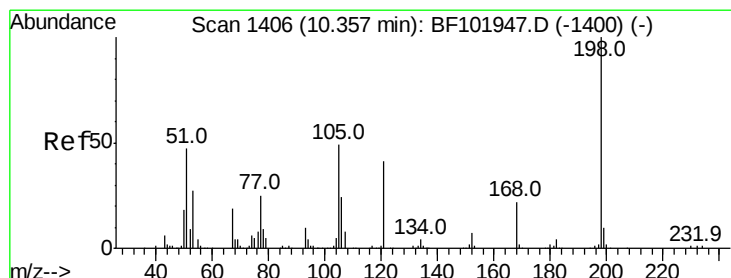
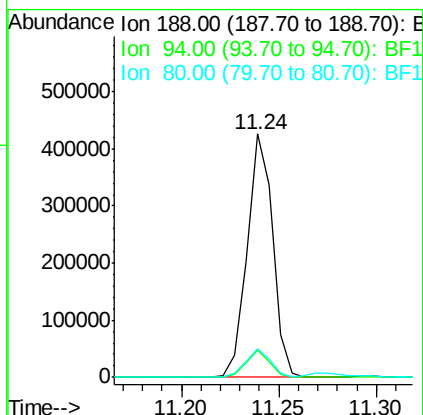
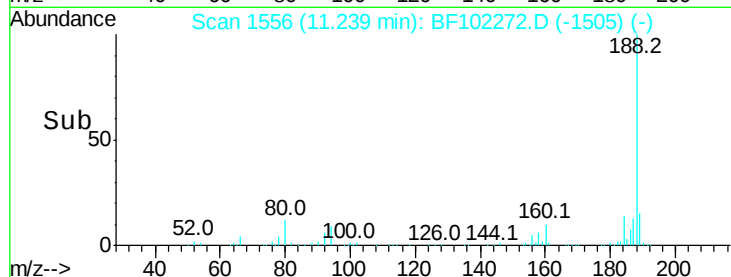
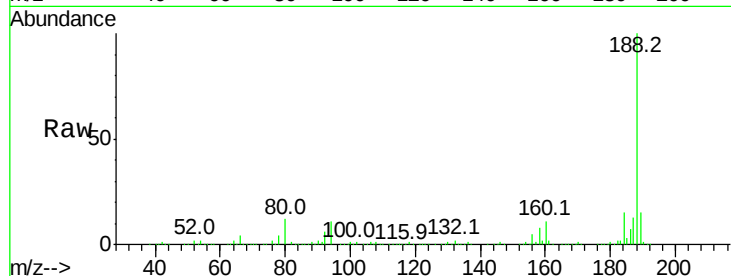




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

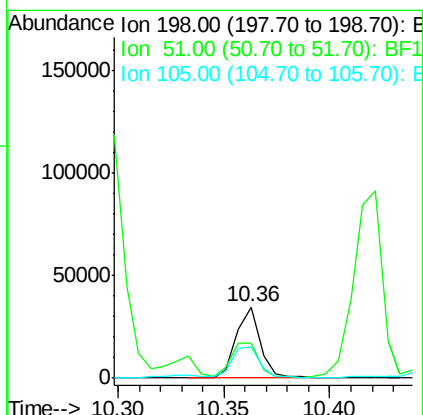
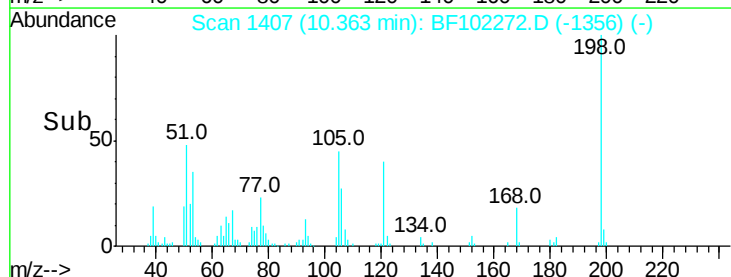
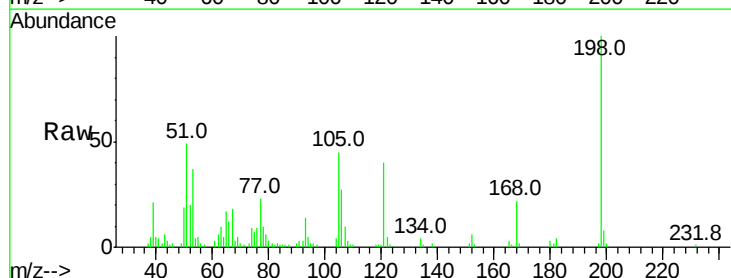
Instrument :
BNA_F
ClientSampled :

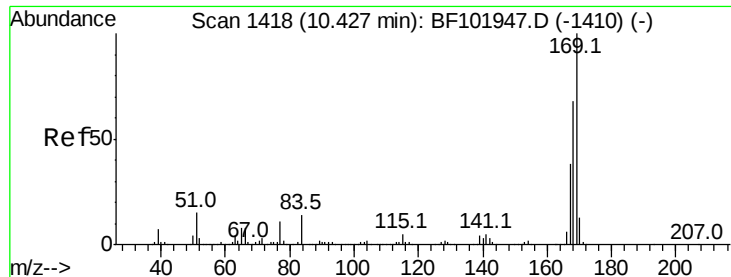
Tot Ion:188 Resp: 385158
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.170 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:198 Resp: 27291
Ion Ratio Lower Upper
198 100
51 48.6 37.7 77.7
105 44.7 36.3 76.3

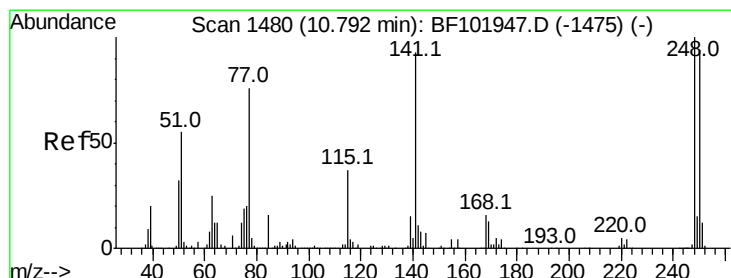
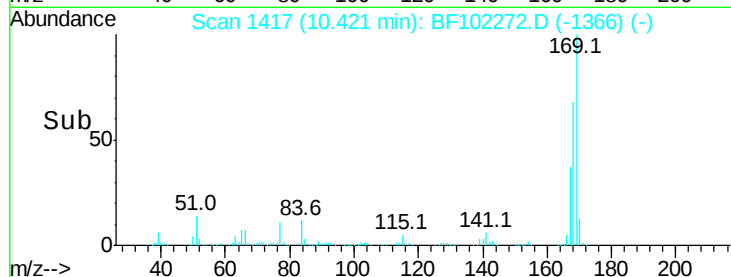
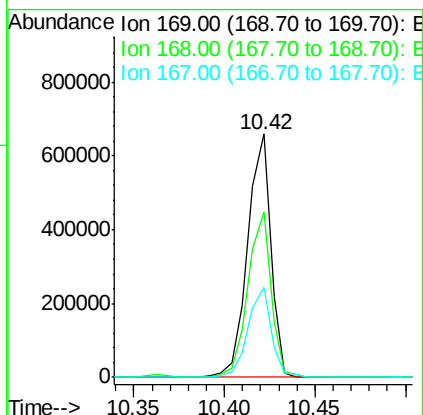
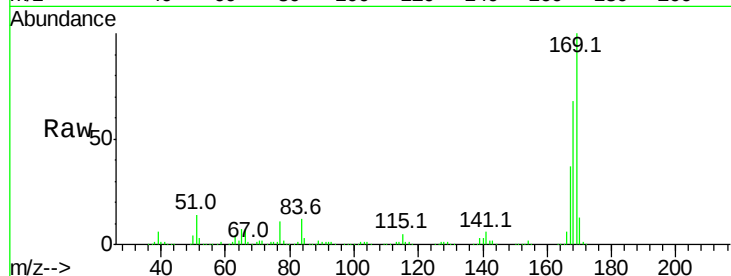




#65
 n-Nitrosodiphenylamine
 Concen: 40.572 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

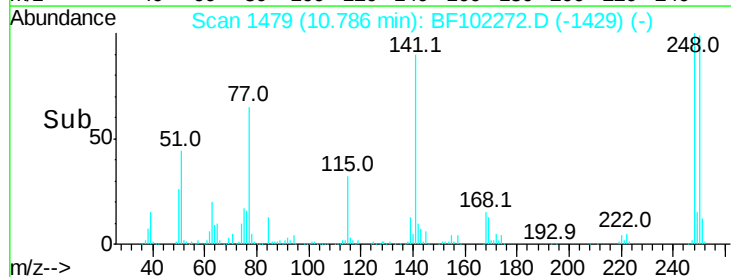
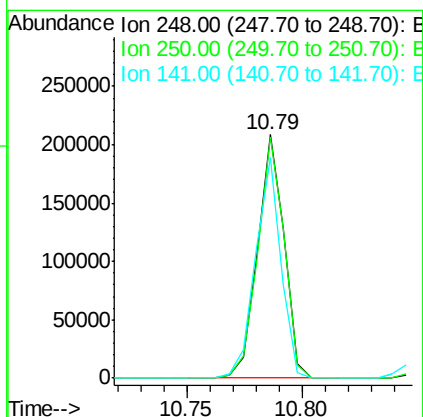
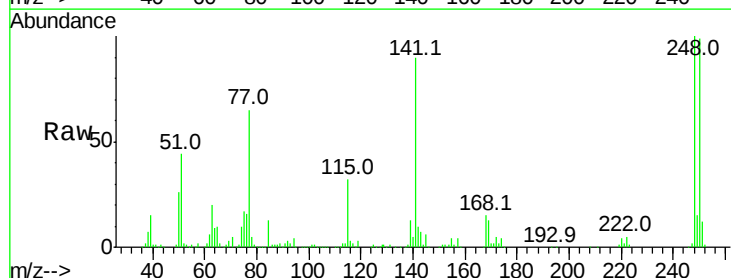
Instrument :
 BNA_F
 ClientSampleId :

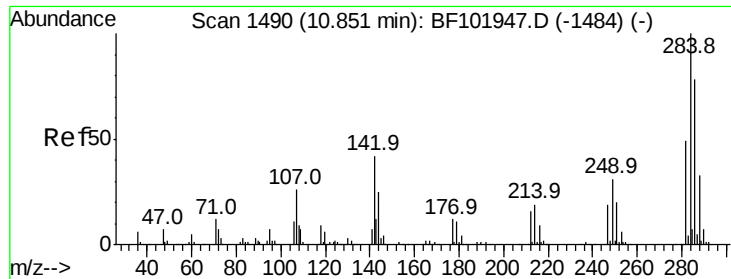
Tot Ion:169 Resp: 585152
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 37.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.025 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion:248 Resp: 166865
 Ion Ratio Lower Upper
 248 100
 250 99.0 76.9 115.3
 141 90.4 74.4 111.6

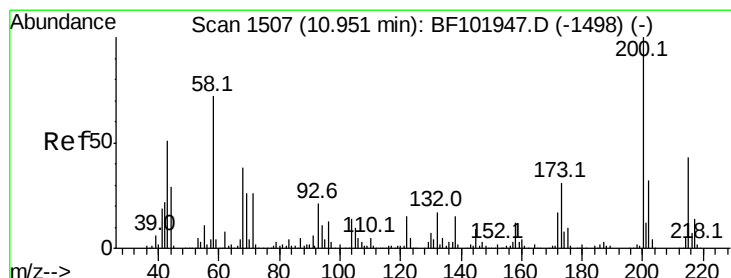
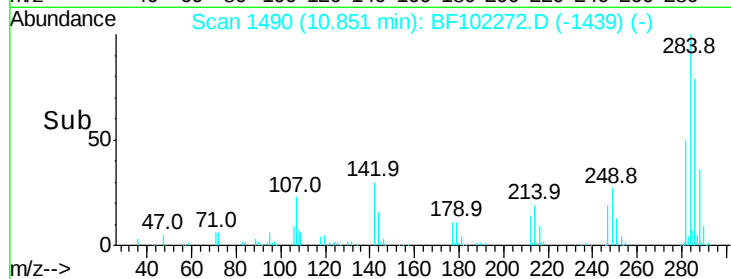
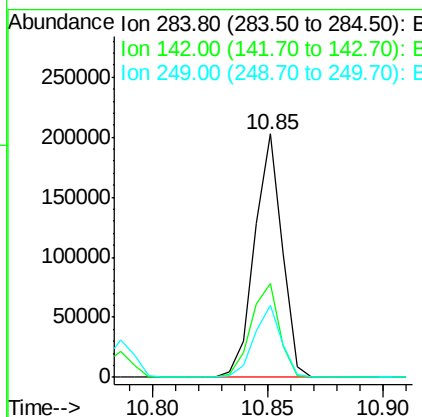
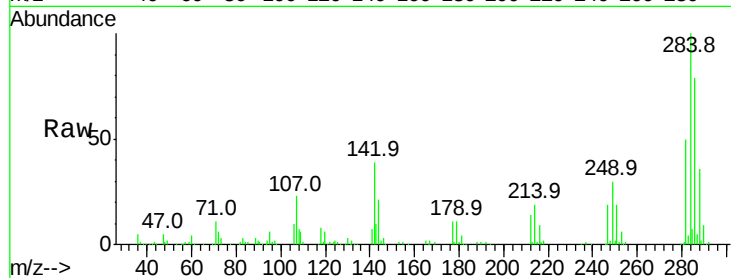




#67
Hexachlorobenzene
Concen: 38.041 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

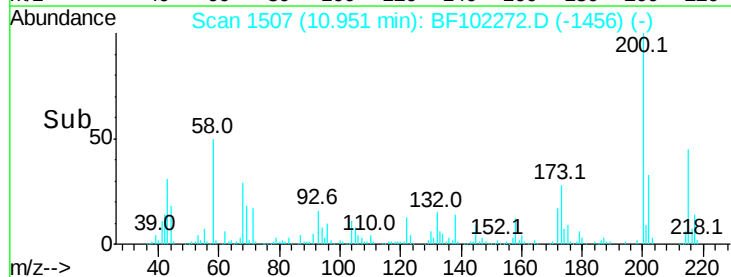
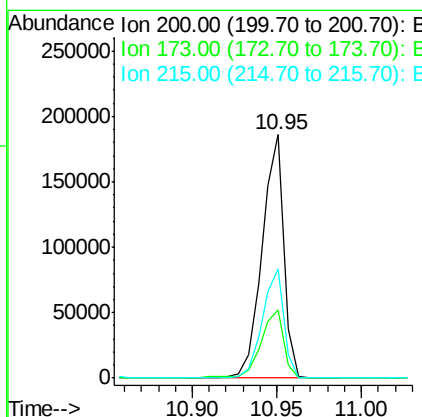
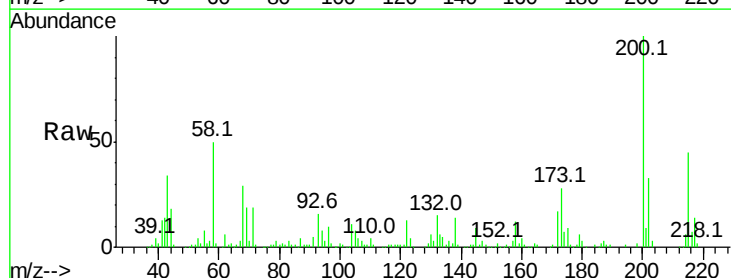
Instrument :
BNA_F
ClientSampled :

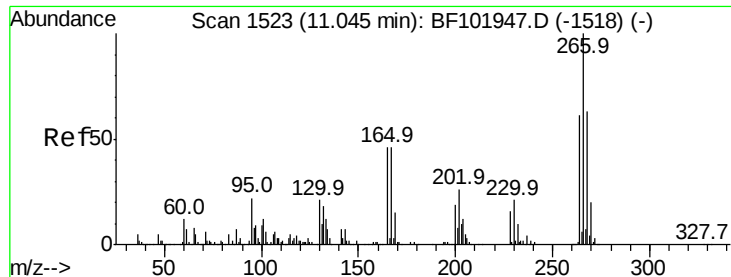
Tot Ion:284 Resp: 168916
Ion Ratio Lower Upper
284 100
142 38.7 34.6 52.0
249 29.7 24.8 37.2



#68
Atrazine
Concen: 39.591 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:200 Resp: 165020
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 44.6 25.1 65.1

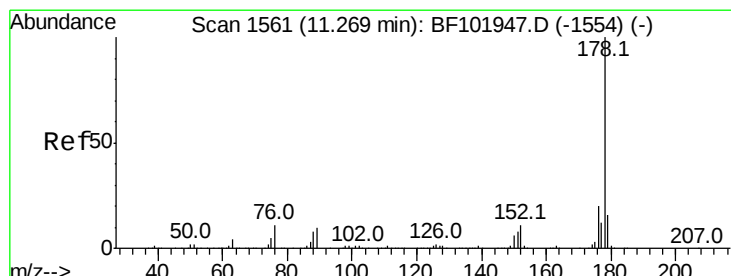
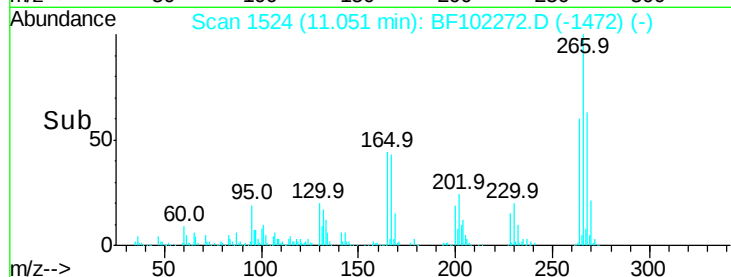
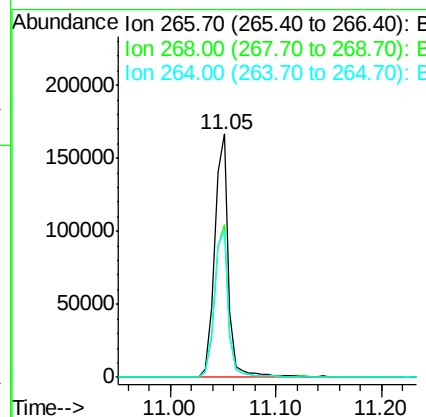
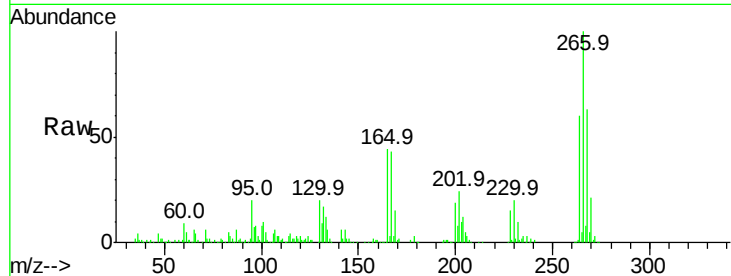




#69
 Pentachlorophenol
 Concen: 57.097 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

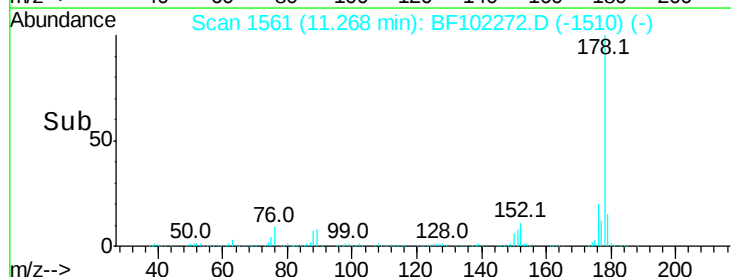
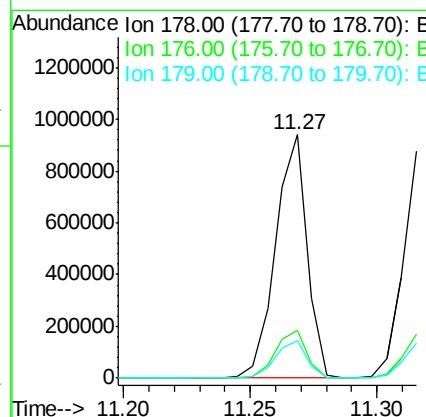
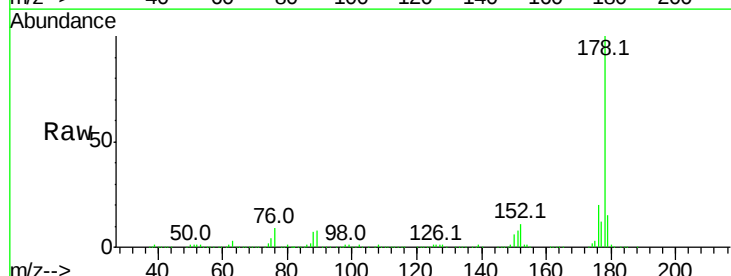
Instrument :
 BNA_F
 ClientSampleId :

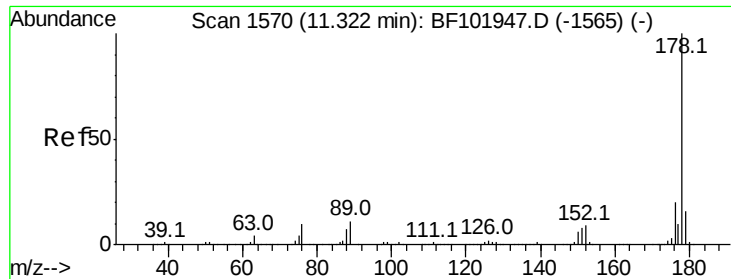
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	60.2	49.5	74.3



#70
 Phenanthrene
 Concen: 36.475 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6

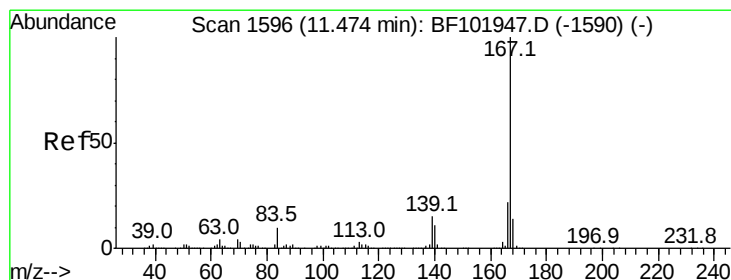
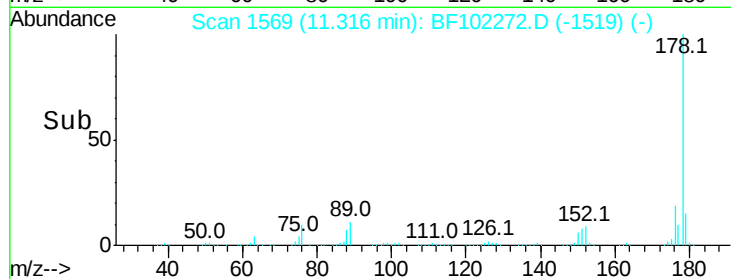
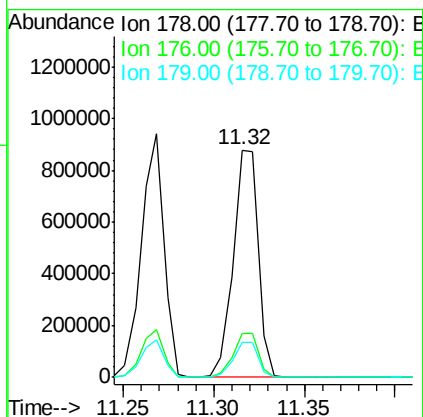
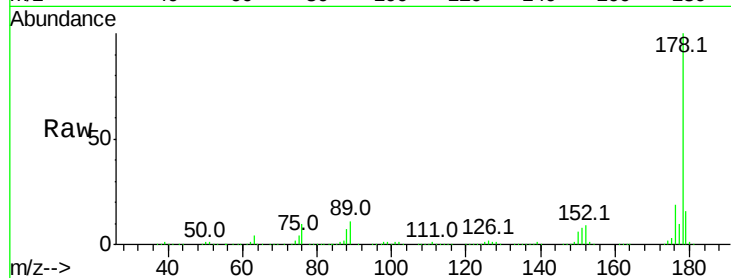




#71
 Anthracene
 Concen: 36.991 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

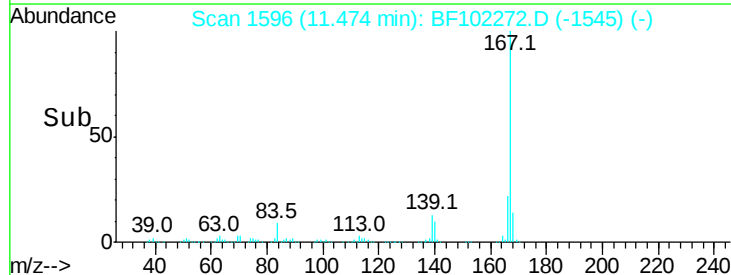
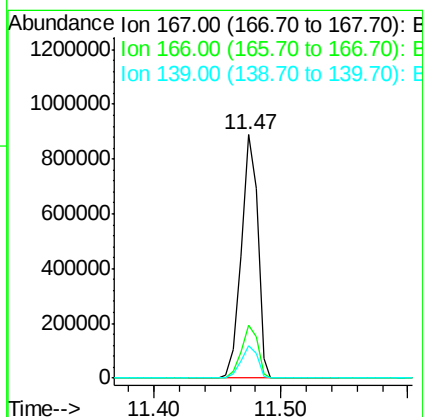
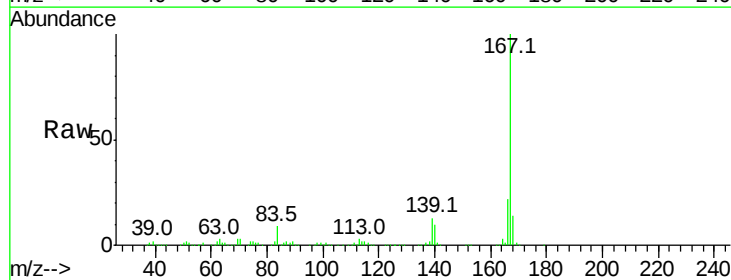
Instrument :
 BNA_F
 ClientSampleId :

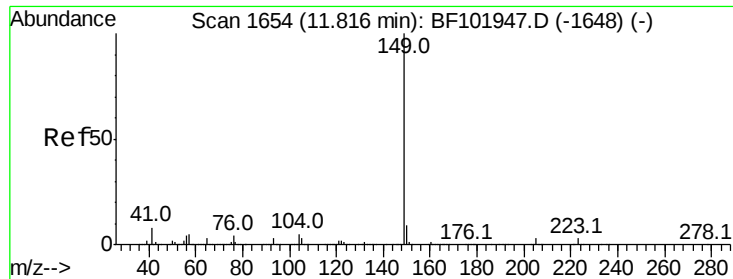
Tot Ion:178 Resp: 844032
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 35.103 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion:167 Resp: 787269
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.5 10.9 16.3

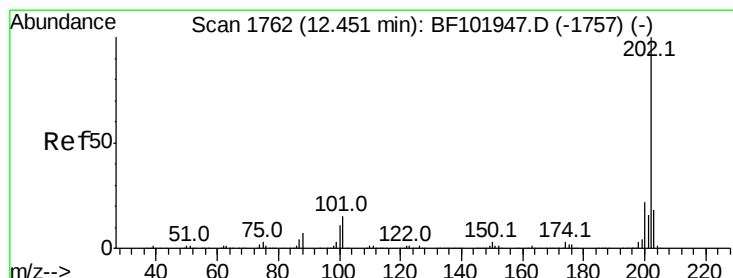
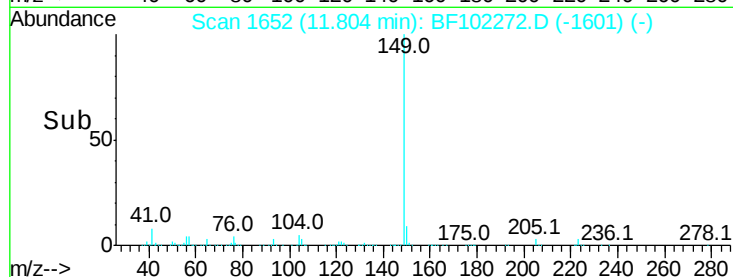
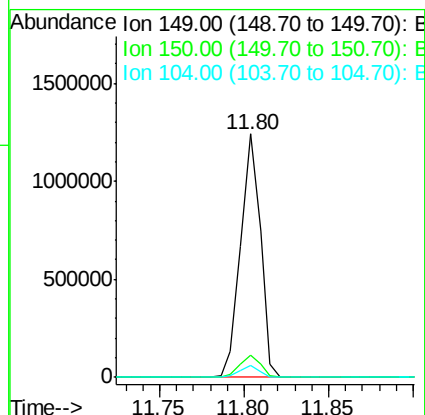
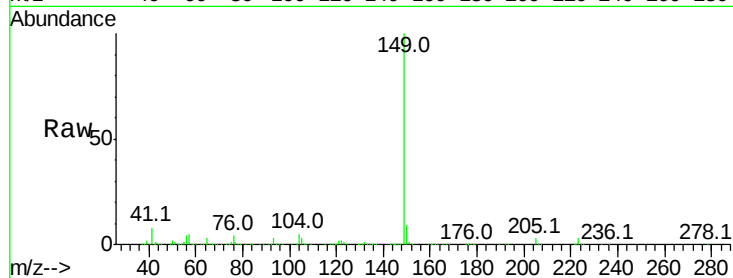




#73
Di-n-butylphthalate
Concen: 36.852 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

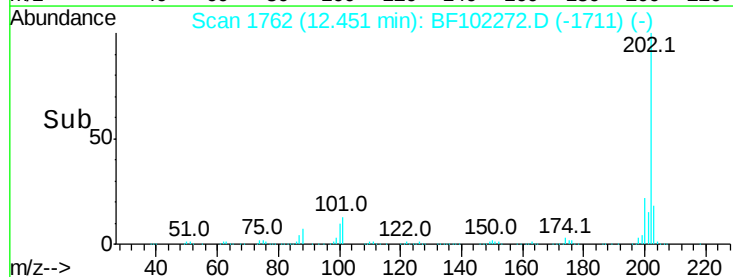
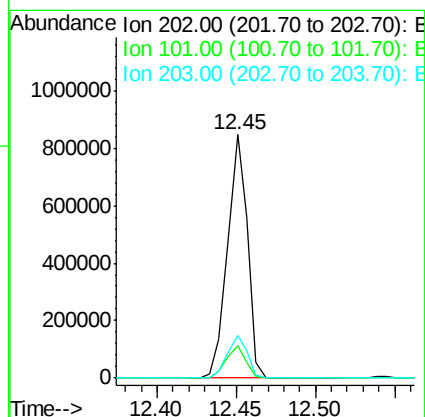
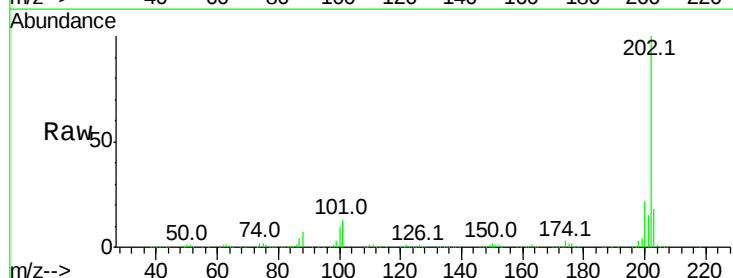
Instrument :
BNA_F
ClientSampleId :

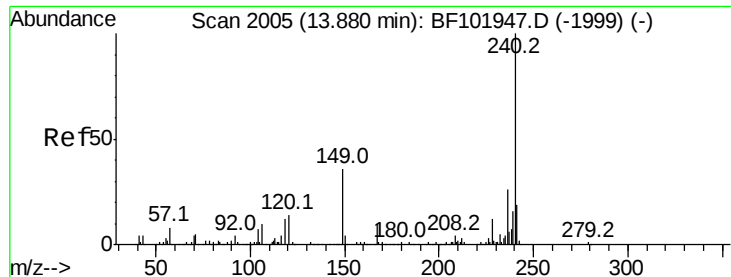
Tot Ion:149 Resp: 1013986
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 33.065 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:202 Resp: 731897
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

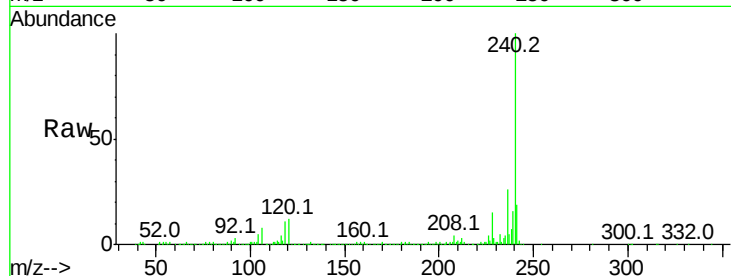
Tot Ion:240 Resp: 262974

Ion Ratio Lower Upper

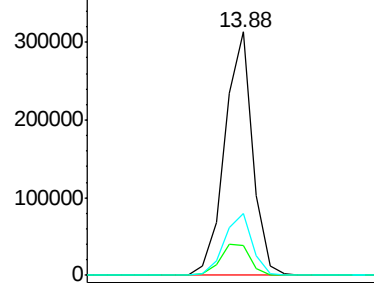
240 100

120 12.5 9.5 14.3

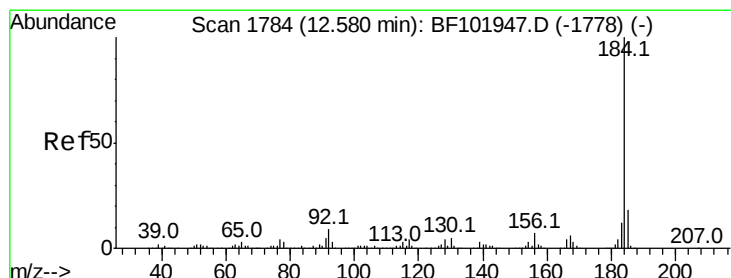
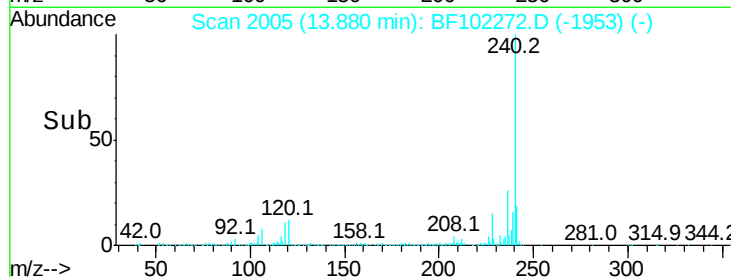
236 25.6 20.7 31.1



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



Time-->



#76

Benzidine

Concen: 34.952 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

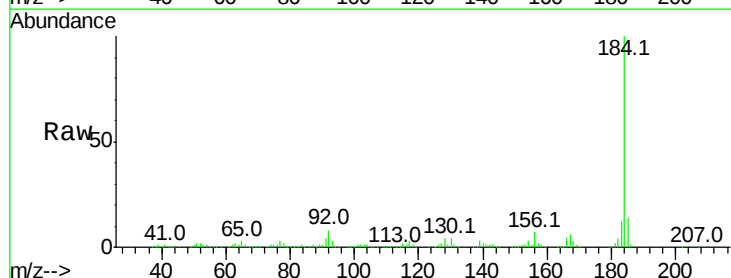
Tgt Ion:184 Resp: 443839

Ion Ratio Lower Upper

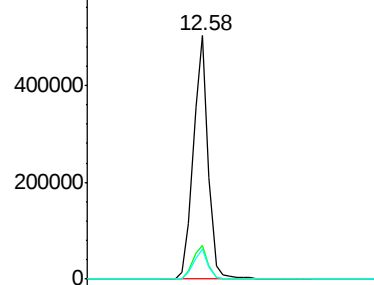
184 100

185 13.7 12.6 18.8

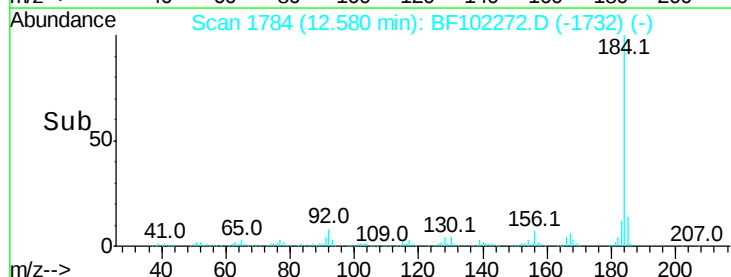
183 12.3 9.3 13.9

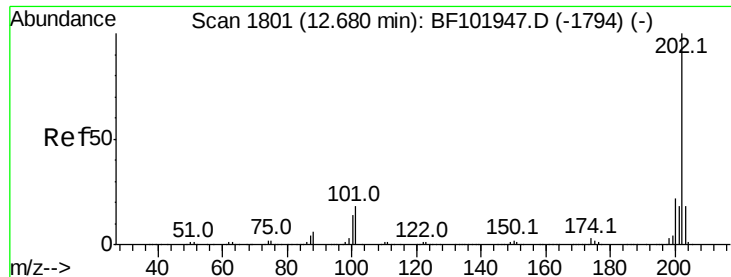


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->

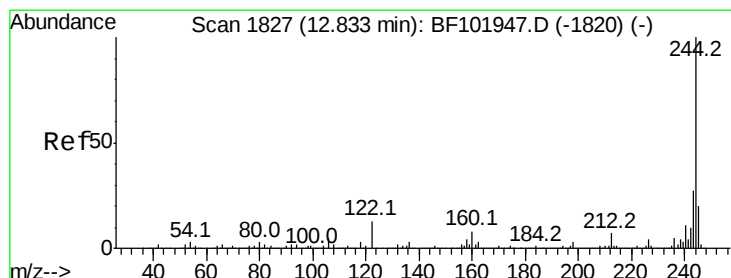
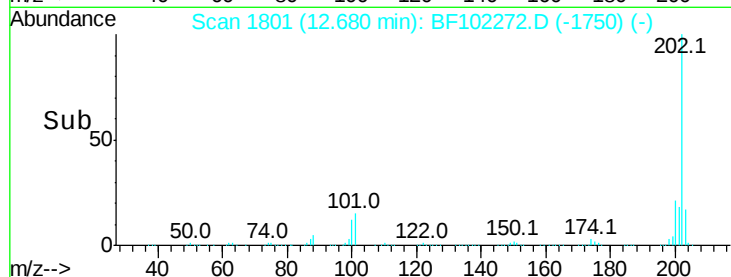
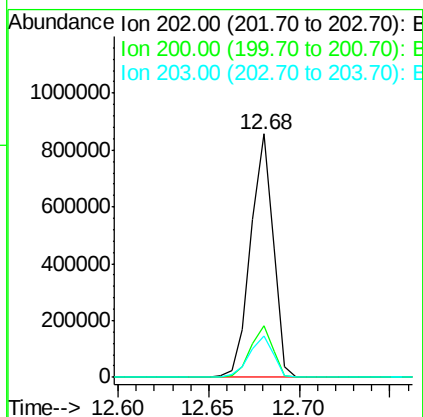
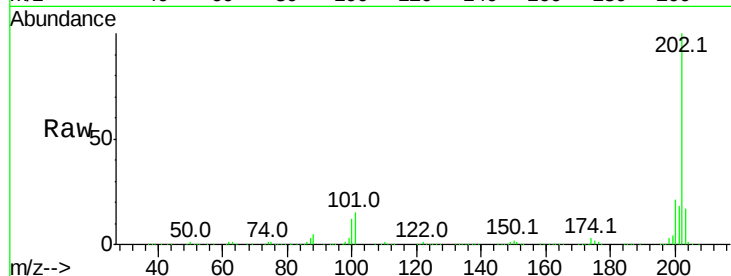




#77
Pvrene
Concen: 32.011 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

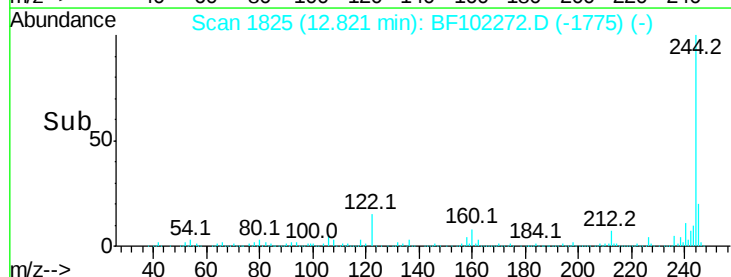
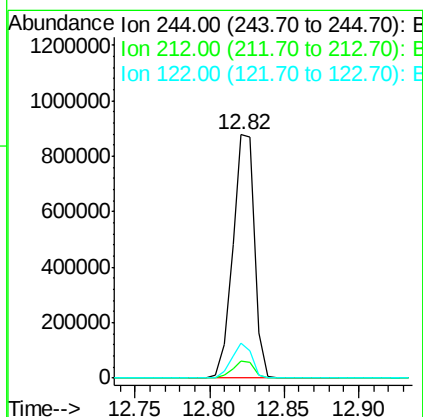
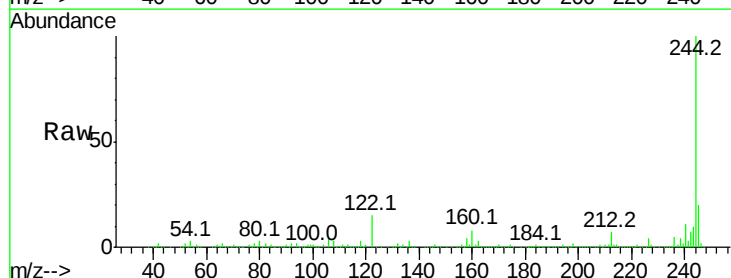
Instrument :
BNA_F
ClientSampled :

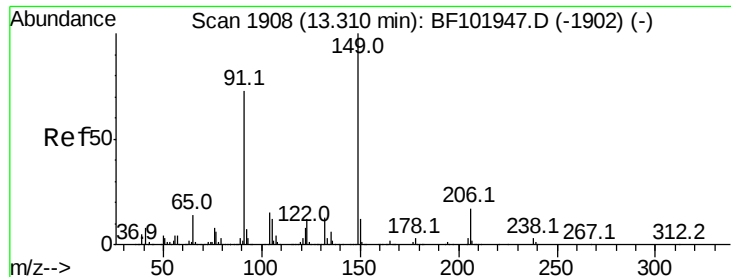
Tot Ion:202 Resp: 744099
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 70.716 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:244 Resp: 895673
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.6 11.0 16.4

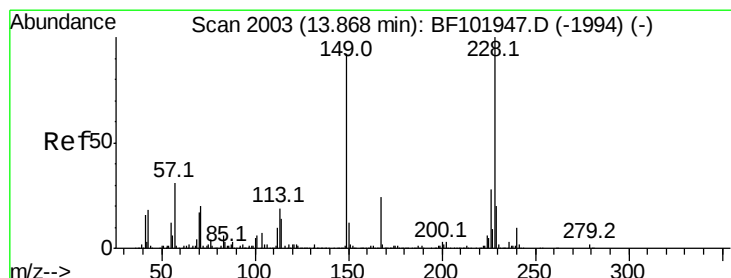
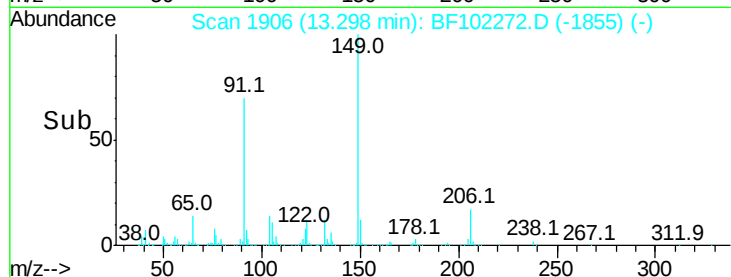
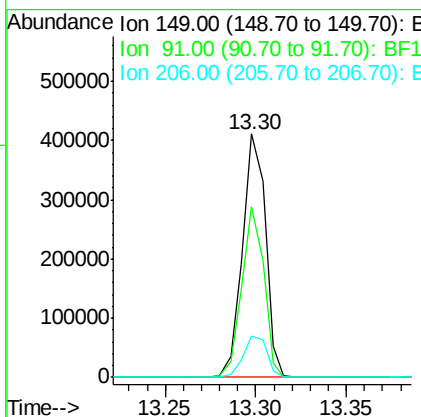
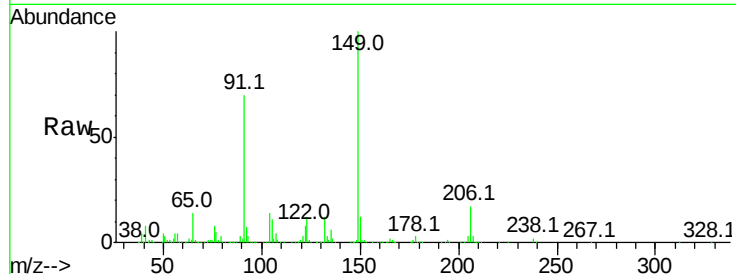




#79
Butylbenzylphthalate
Concen: 34.064 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

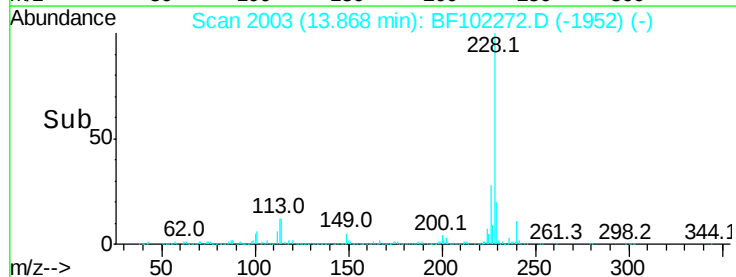
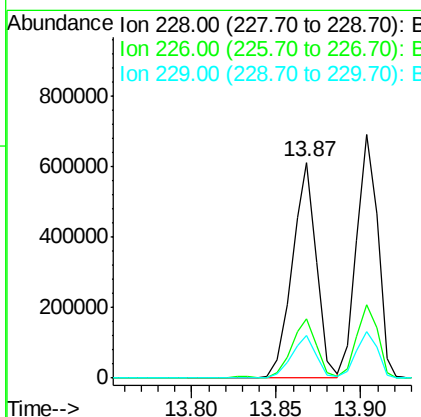
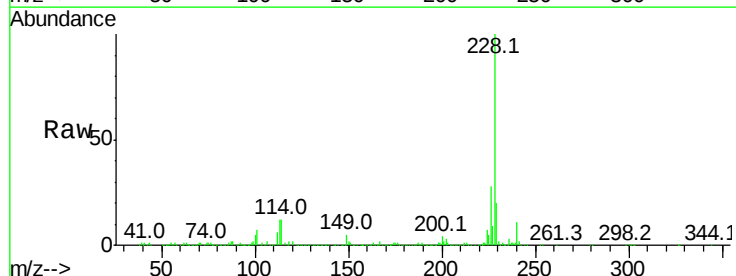
Instrument :
BNA_F
ClientSampleId :

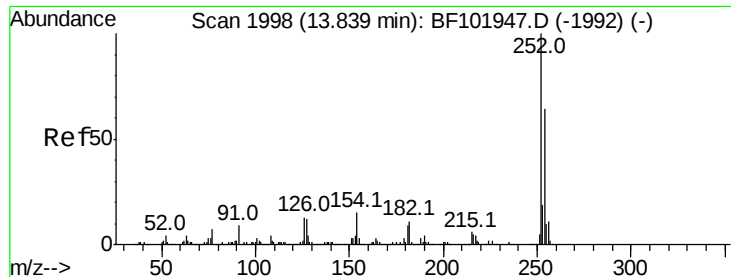
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.8	85.2
206	16.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.267 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.9	15.8	23.6

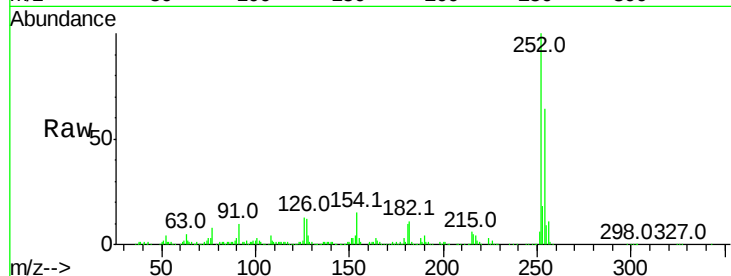




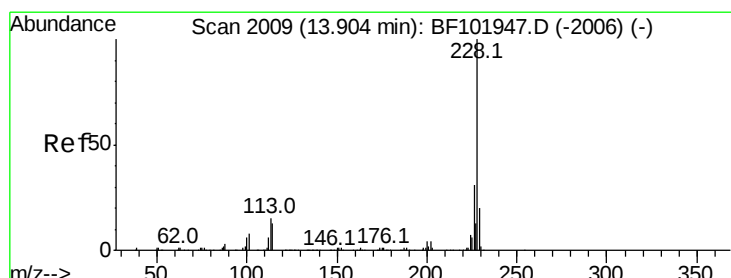
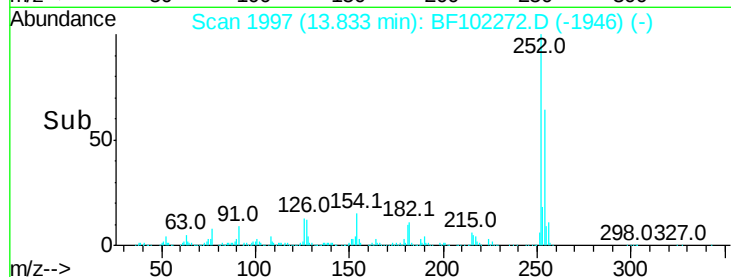
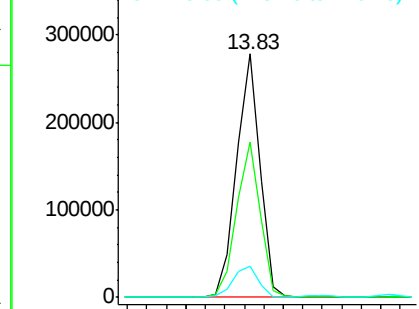
#81
 3,3'-Dichlorobenzidine
 Concen: 37.291 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	12.6	11.3	16.9

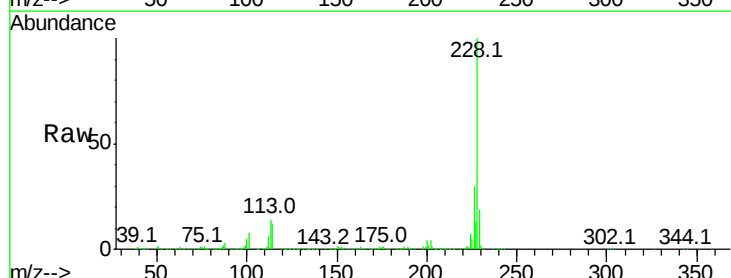


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

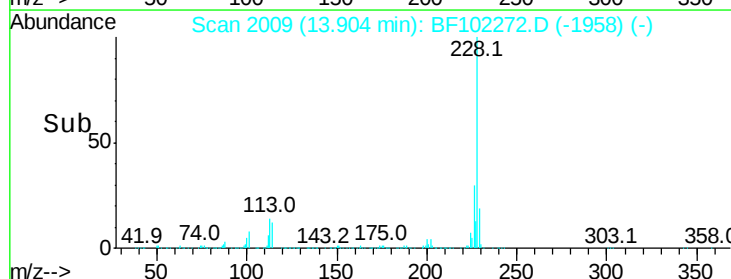
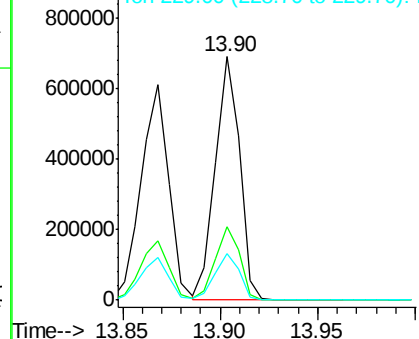


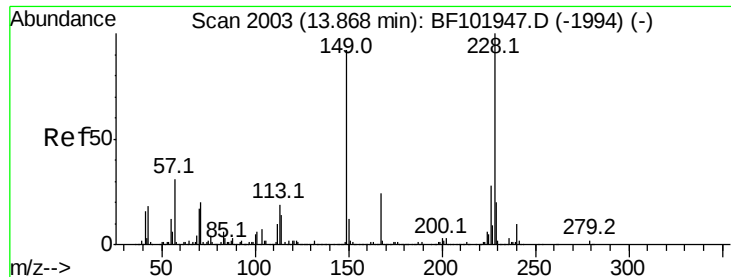
#82
 Chrysene
 Concen: 34.386 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	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: 37.799 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

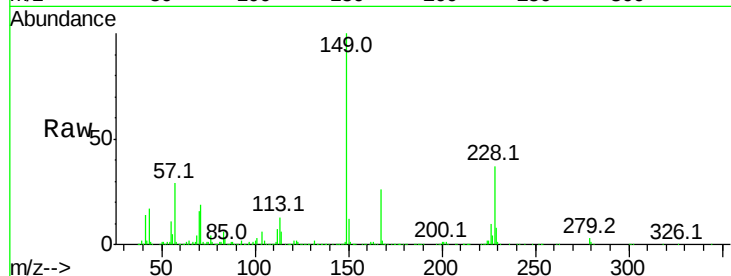
Tot Ion:149 Resp: 462571

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

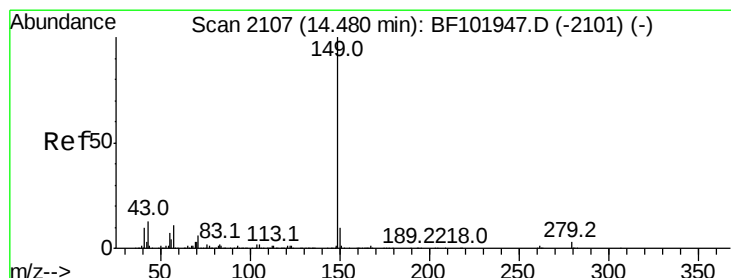
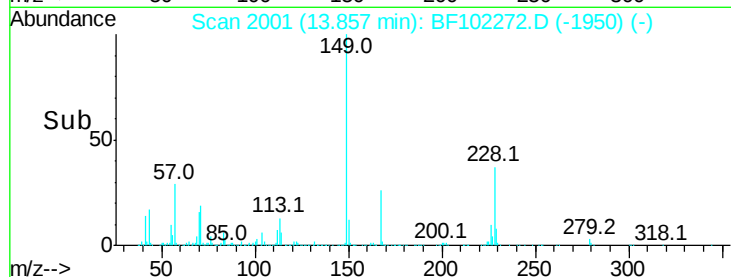
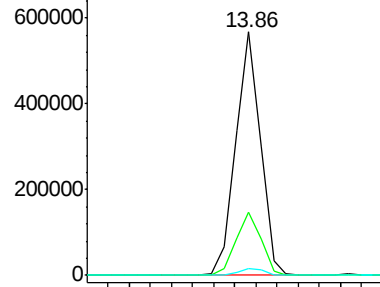
279 2.7 3.0 4.4#



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: 40.902 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

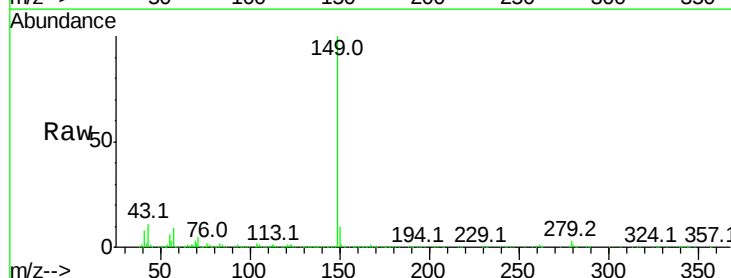
Tgt Ion:149 Resp: 830613

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

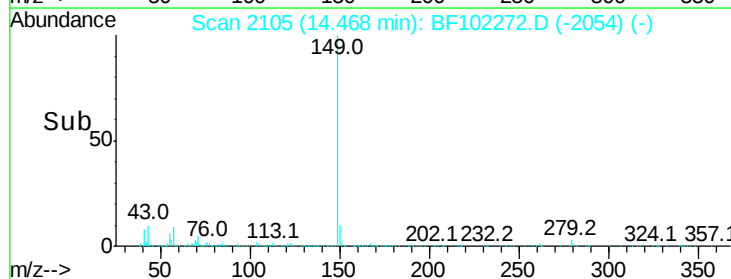
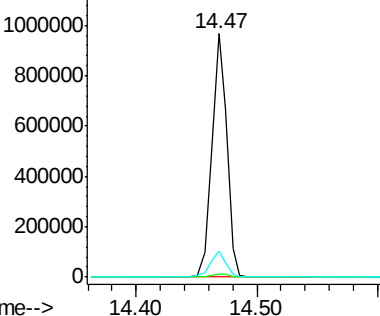
43 10.4 8.4 12.6

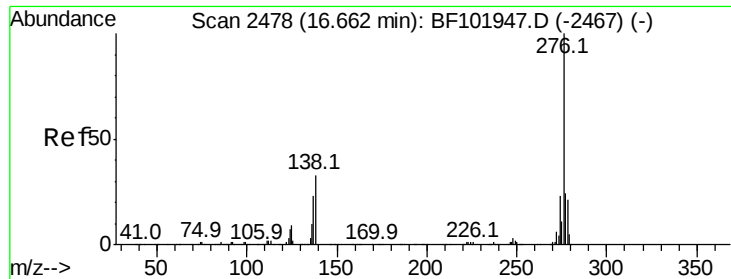


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

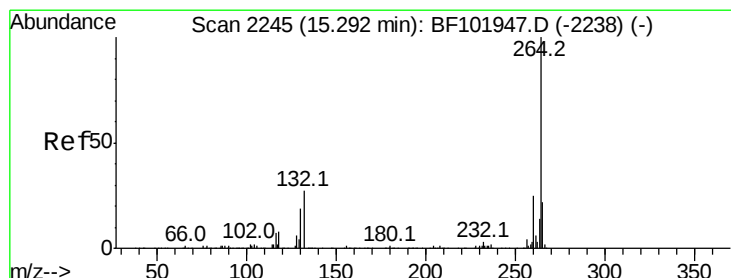
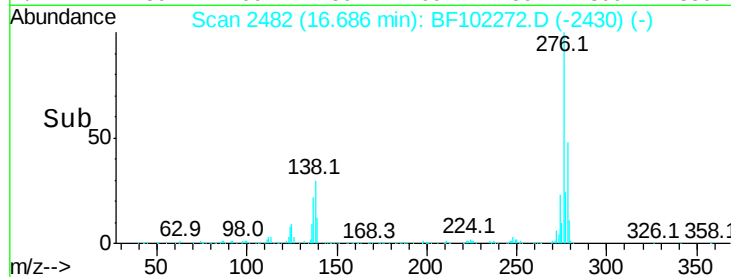
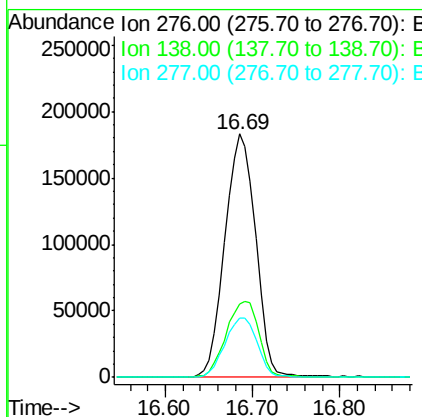
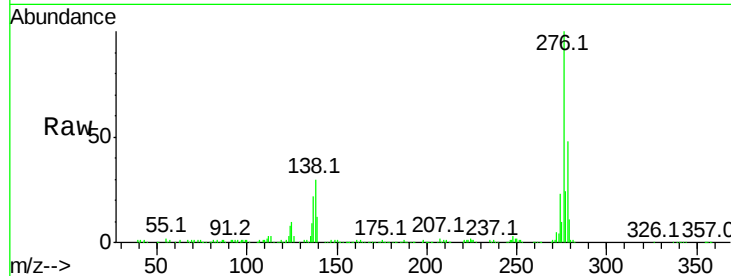




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.686 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

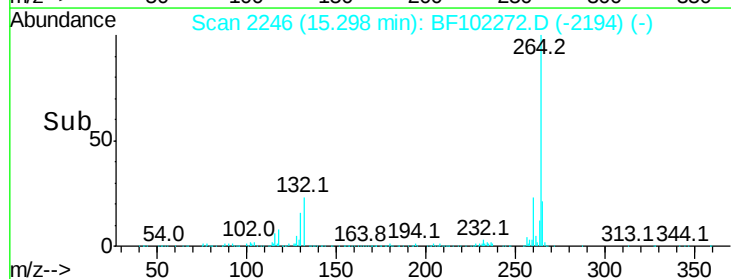
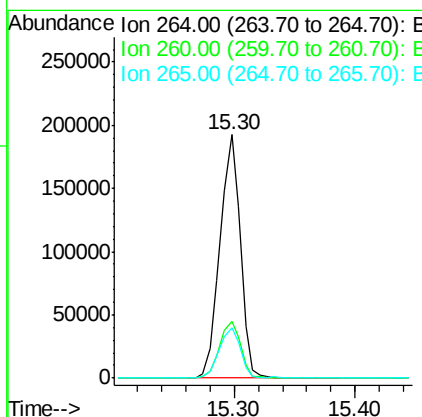
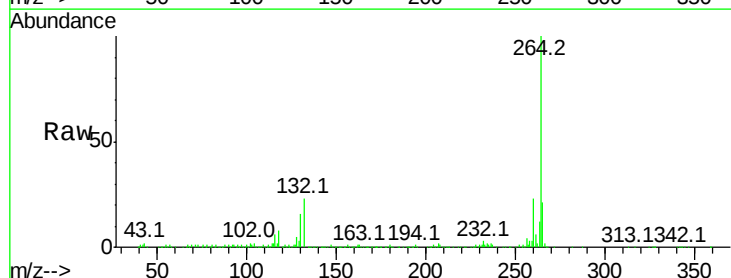
Instrument :
 BNA_F
 ClientSampled :

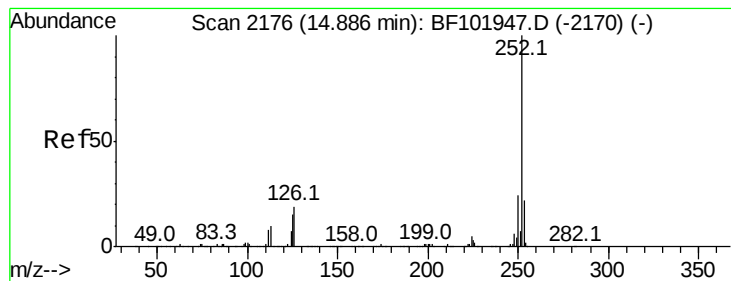
Tot Ion:276 Resp: 441685
 Ion Ratio Lower Upper
 276 100
 138 33.3 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102272.D
 Acq: 20 Jan 2018 18:08

Tgt Ion:264 Resp: 225414
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 37.849 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

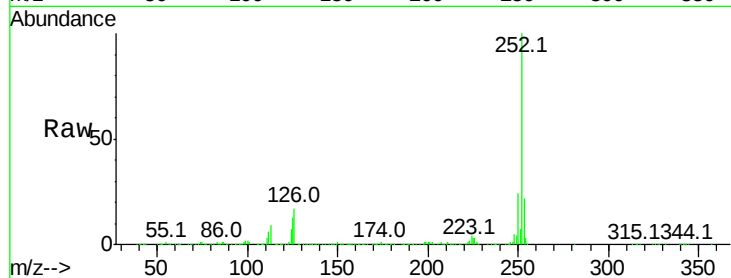
Tot Ion:252 Resp: 556288

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

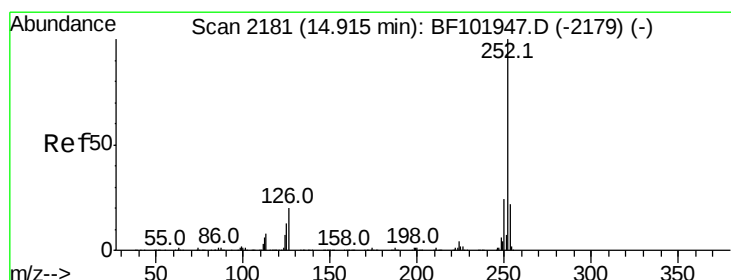
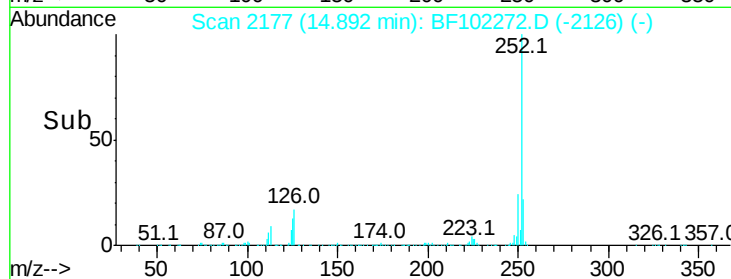
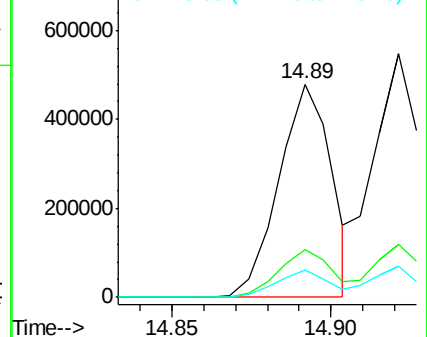
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.714 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

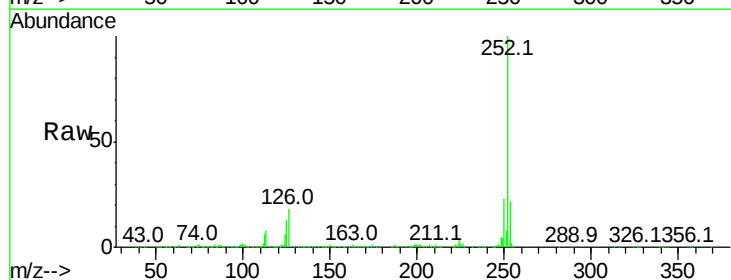
Tgt Ion:252 Resp: 548910

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

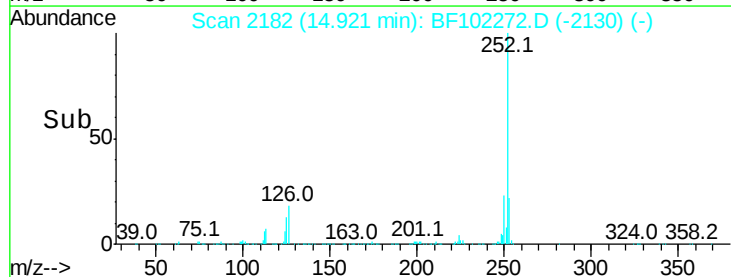
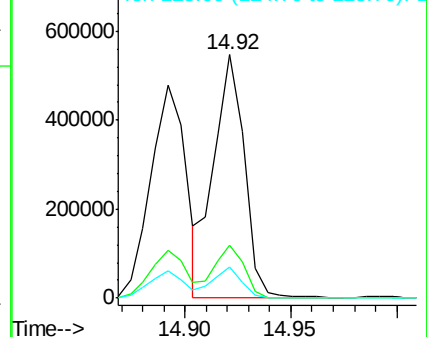
125 12.6 10.2 15.2

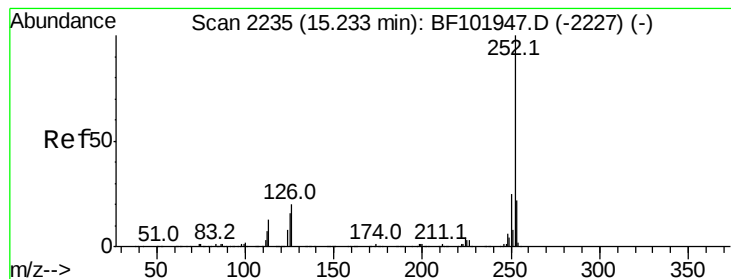


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

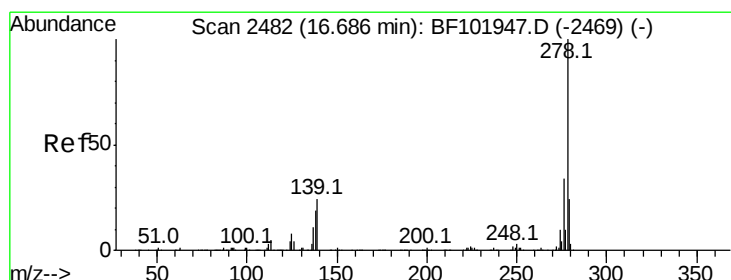
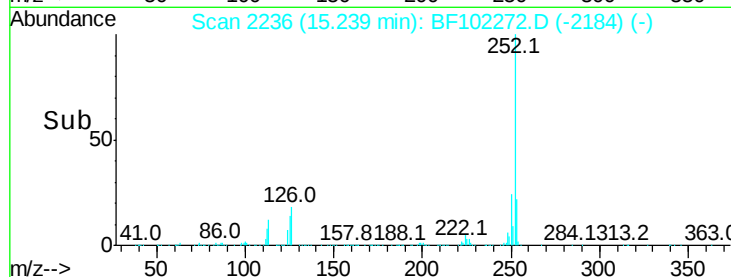
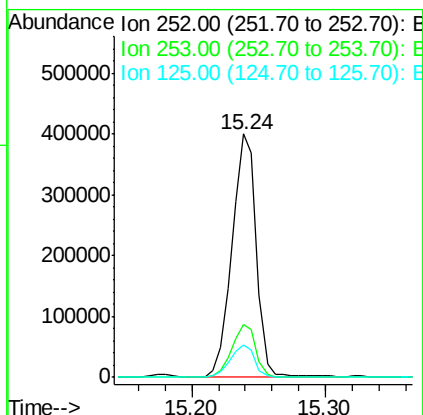
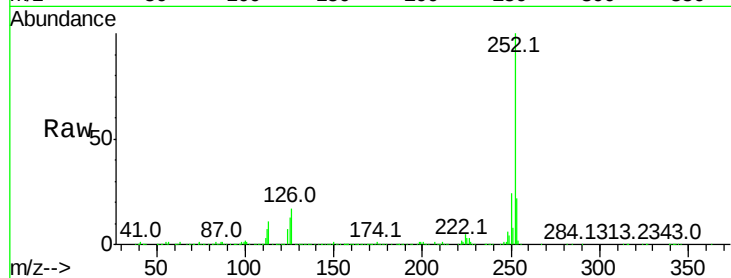




#89
Benzo(a)pyrene
Concen: 38.389 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

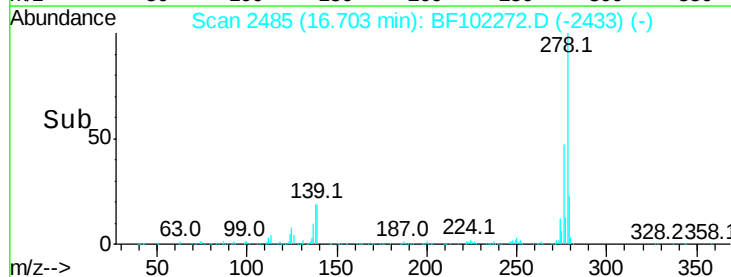
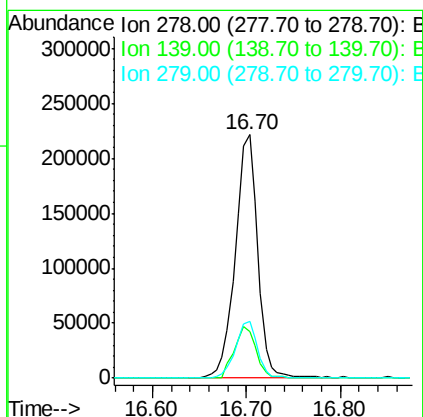
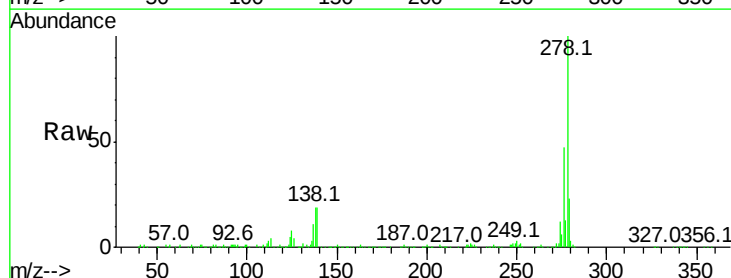
Instrument :
BNA_F
ClientSampled :

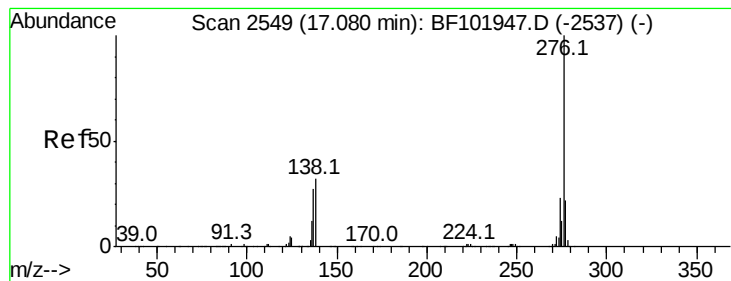
Tot Ion:252 Resp: 507726
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 13.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.880 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102272.D
Acq: 20 Jan 2018 18:08

Tgt Ion:278 Resp: 368142
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 23.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 33.668 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF102272.D

Acq: 20 Jan 2018 18:08

Instrument :

BNA_F

ClientSampleId :

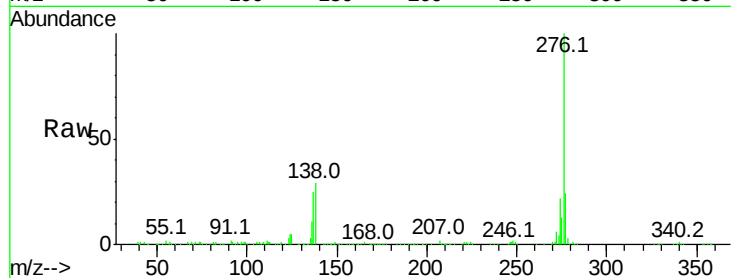
Tot Ion:276 Resp: 357961

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 28.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

