

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033273.D
 Acq On : 20 Mar 2018 18:34
 Operator : SJ/JU
 Sample : PB107498BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 03:25:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	43616	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	183228	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	134901	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	331548	20.00	ng	0.00
75) Chrysene-d12	22.60	240	333391	20.00	ng	0.00
86) Perylene-d12	26.39	264	357377	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	424417	182.46	ng	0.00
7) Phenol-d6	8.00	99	633887	158.61	ng	0.00
23) Nitrobenzene-d5	10.09	82	401580	100.70	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	298684	148.04	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	936082	100.17	ng	0.00
78) Terphenyl-d14	20.76	244	1578263	101.24	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.94	88	41943	35.507	ng	85
3) Pyridine	4.40	79	121422	37.184	ng	89
4) n-Nitrosodimethylamine	4.31	42	64072	47.813	ng	# 90
6) Aniline	8.18	93	104439	22.221	ng	92
8) 2-Chlorophenol	8.44	128	134839	50.707	ng	96
9) Benzaldehyde	8.00	77	46006	18.114	ng	95
10) Phenol	8.03	94	201967	51.184	ng	95
11) bis(2-Chloroethyl)ether	8.27	93	138542	43.015	ng	95
12) 1,3-Dichlorobenzene	8.78	146	138691	39.893	ng	96
13) 1,4-Dichlorobenzene	8.93	146	142859	41.031	ng	93
14) 1,2-Dichlorobenzene	9.26	146	139113	40.938	ng	95
15) Benzyl Alcohol	9.13	79	152045	48.319	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.41	45	225490	42.946	ng	90
17) 2-Methylphenol	9.32	107	125151	46.558	ng	# 90
18) Hexachloroethane	10.01	117	55783	41.512	ng	94
19) n-Nitroso-di-n-propylamine	9.70	70	121462	41.475	ng	98
20) 3+4-Methylphenols	9.67	107	174637	45.630	ng	90
22) Acetophenone	9.74	105	224120	44.647	ng	# 96
24) Nitrobenzene	10.14	77	191737	44.917	ng	93
25) Isophorone	10.66	82	350078	45.228	ng	99
26) 2-Nitrophenol	10.86	139	78939	48.845	ng	# 90
27) 2,4-Dimethylphenol	10.89	122	128084	54.557	ng	86
28) bis(2-Chloroethoxy)methane	11.14	93	188072	48.698	ng	98
29) 2,4-Dichlorophenol	11.40	162	152254	52.734	ng	95
30) 1,2,4-Trichlorobenzene	11.63	180	162008	43.188	ng	100
31) Naphthalene	11.83	128	419641	44.196	ng	100
32) Benzoic acid	11.03	122	94257	43.189	ng	91
33) 4-Chloroaniline	11.93	127	84969	19.974	ng	93
34) Hexachlorobutadiene	12.09	225	120299	42.407	ng	97
35) Caprolactam	12.67	113	50095	44.288	ng	99
36) 4-Chloro-3-methylphenol	12.98	107	182670	48.509	ng	89
37) 2-Methylnaphthalene	13.38	142	319522	43.356	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	211969	43.379	ng	98
40) Hexachlorocyclopentadiene	13.70	237	299647	104.605	ng	93

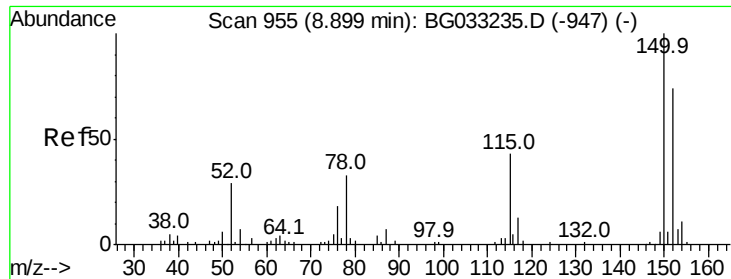
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033273.D
 Acq On : 20 Mar 2018 18:34
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	140372	49.443	nq	96
43) 2,4,5-Trichlorophenol	14.04	196	156434	46.617	nq	97
45) 1,1'-Biphenyl	14.35	154	442805	42.725	nq	95
46) 2-Chloronaphthalene	14.41	162	345477	43.232	nq	95
47) 2-Nitroaniline	14.60	65	137500	45.938	nq	96
48) Acenaphthylene	15.24	152	565494	42.394	nq	98
49) Dimethylphthalate	14.94	163	492735	41.970	nq	99
50) 2,6-Dinitrotoluene	15.07	165	108792	45.320	nq	96
51) Acenaphthene	15.58	154	424338	49.348	nq	97
52) 3-Nitroaniline	15.41	138	59961	23.825	nq #	92
53) 2,4-Dinitrophenol	15.61	184	123747	97.678	nq #	73
54) Dibenzofuran	15.90	168	559620	44.059	nq	93
55) 4-Nitrophenol	15.69	139	173012	97.765	nq #	81
56) 2,4-Dinitrotoluene	15.85	165	158206	44.760	nq	93
57) Fluorene	16.55	166	465141	42.986	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.12	232	158048	50.028	nq	96
59) Diethylphthalate	16.27	149	485316	42.572	nq	98
60) 4-Chlorophenyl-phenylether	16.52	204	268501	43.166	nq	99
61) 4-Nitroaniline	16.56	138	97541	38.273	nq	88
62) Azobenzene	16.82	77	486696	44.073	nq	99
64) 4,6-Dinitro-2-methylphenol	16.60	198	87727	44.230	nq	98
65) n-Nitrosodiphenylamine	16.73	169	425972	45.004	nq	99
66) 4-Bromophenyl-phenylether	17.41	248	181272	46.555	nq	96
67) Hexachlorobenzene	17.54	284	181777	44.235	nq	95
68) Atrazine	17.65	200	176691	46.067	nq	98
69) Pentachlorophenol	17.88	266	241410	85.593	nq	96
70) Phenanthrene	18.28	178	773814	44.815	nq	99
71) Anthracene	18.38	178	798249	45.658	nq	99
72) Carbazole	18.63	167	689559	44.509	nq #	96
73) Di-n-butylphthalate	19.12	149	811973	45.028	nq	99
74) Fluoranthene	20.24	202	977255	45.735	nq	98
76) Benzidine	20.40	184	298070	32.968	nq	97
77) Pyrene	20.59	202	971673	43.700	nq	98
79) Butylbenzylphthalate	21.45	149	367662	44.808	nq	98
80) Benzo(a)anthracene	22.58	228	950598	44.778	nq	99
81) 3,3'-Dichlorobenzidine	22.46	252	196662	26.033	nq #	99
82) Chrysene	22.66	228	904864	44.033	nq	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	496747	43.917	nq	98
84) Di-n-octyl phthalate	23.81	149	845759	48.835	nq	99
85) Indeno(1,2,3-cd)pyrene	30.81	276	1059109	47.669	nq #	82
87) Benzo(b)fluoranthene	25.18	252	924281	44.765	nq #	96
88) Benzo(k)fluoranthene	25.26	252	922202	44.162	nq #	97
89) Benzo(a)pyrene	26.22	252	918000	46.297	nq #	97
90) Dibenzo(a,h)anthracene	30.89	278	878689	47.045	nq #	96
91) Benzo(g,h,i)perylene	32.21	276	875720	47.349	nq #	95

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

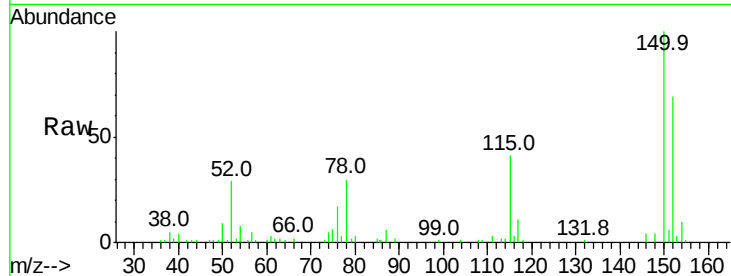


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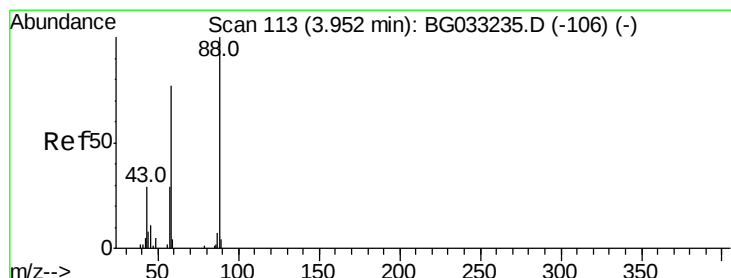
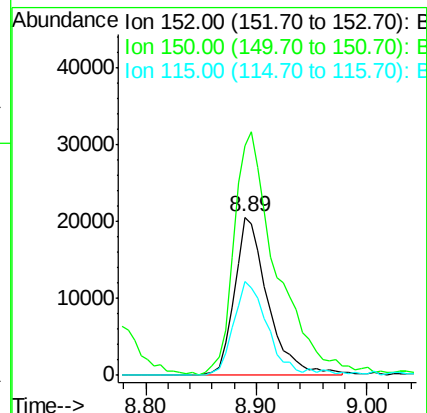
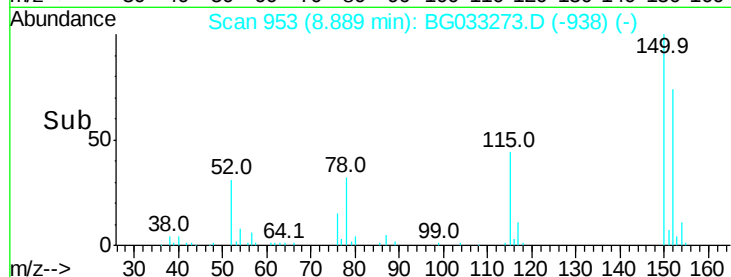
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 43616
Ion Ratio Lower Upper
152 100
150 145.0 126.6 189.8
115 59.5 53.0 79.4



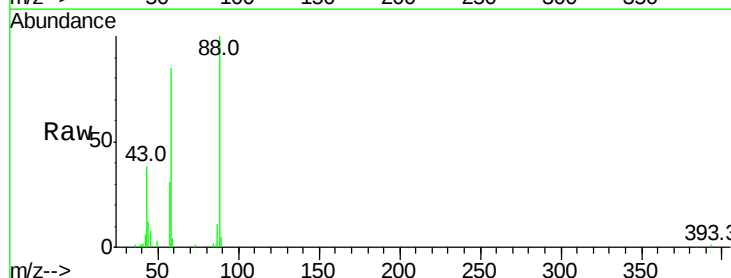
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



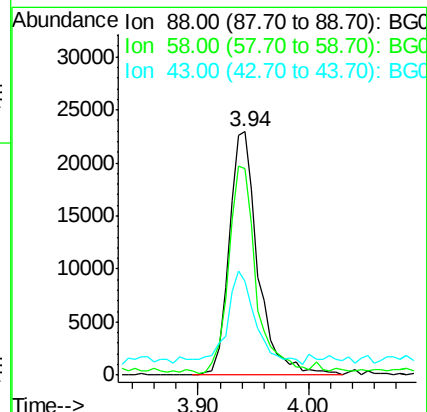
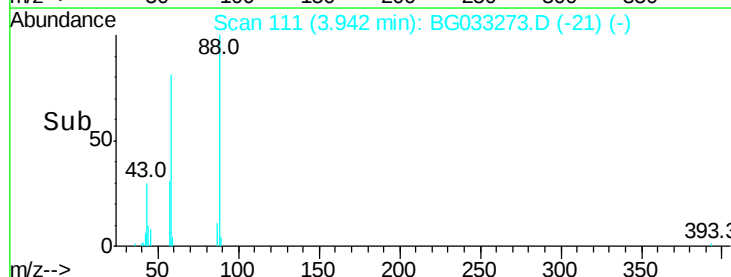
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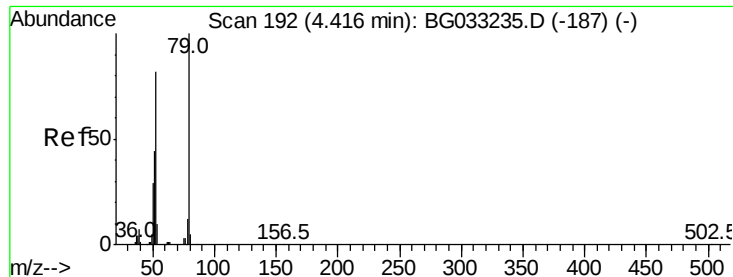
1,4-Dioxane
Concen: 35.507 ng
RT: 3.94 min Scan# 111
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion: 88 Resp: 41943
Ion Ratio Lower Upper
88 100
58 81.1 79.6 119.4
43 36.9 27.4 41.0



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





#3

Pvridine

Concen: 37.184 ng

RT: 4.40 min Scan# 189

Delta R.T. -0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

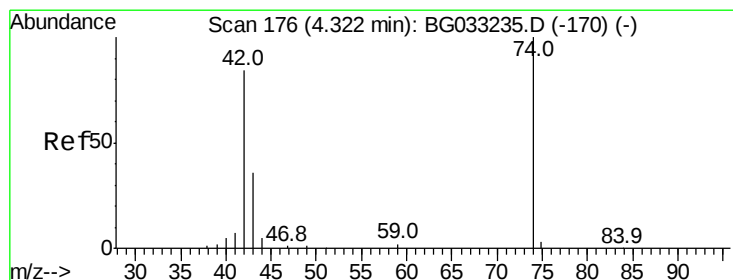
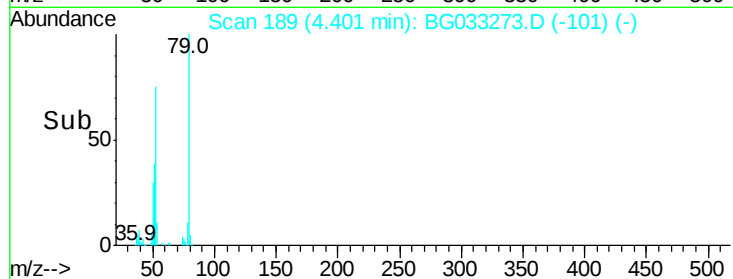
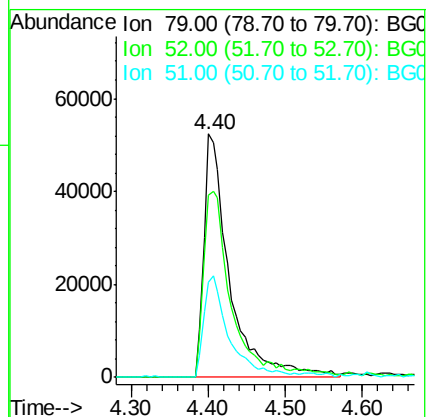
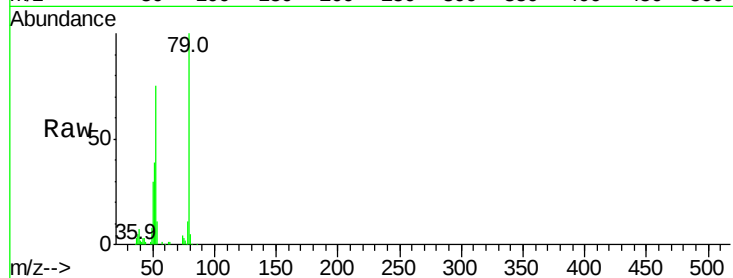
Tot Ion: 79 Resp: 121422

Ion Ratio Lower Upper

79 100

52 74.8 69.9 104.9

51 39.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 47.813 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

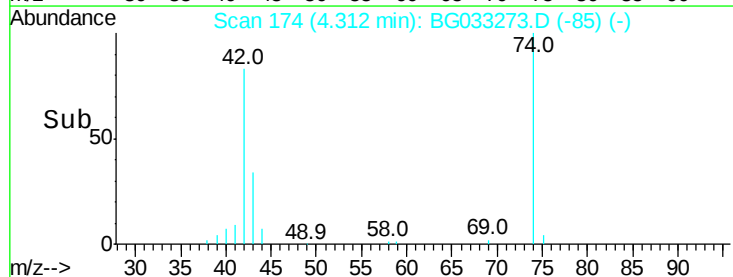
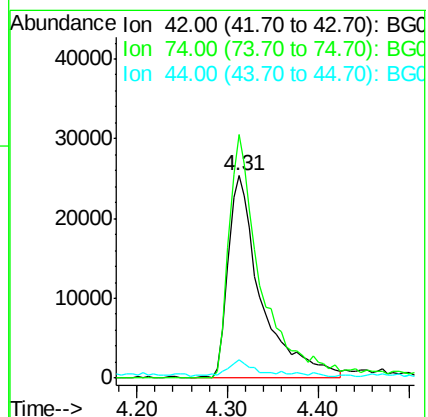
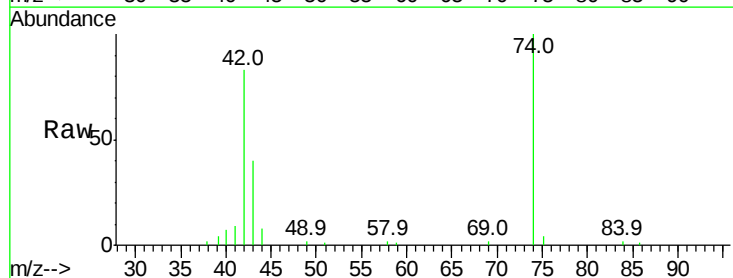
Tgt Ion: 42 Resp: 64072

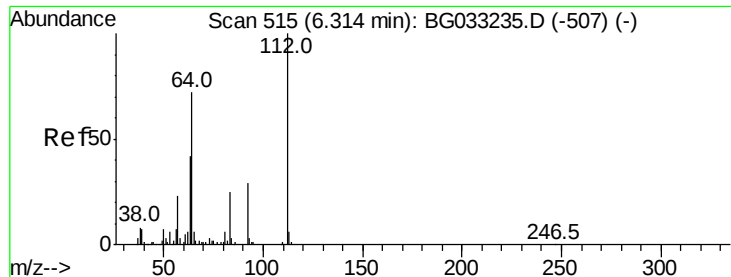
Ion Ratio Lower Upper

42 100

74 120.3 102.5 153.7

44 9.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 182.464 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

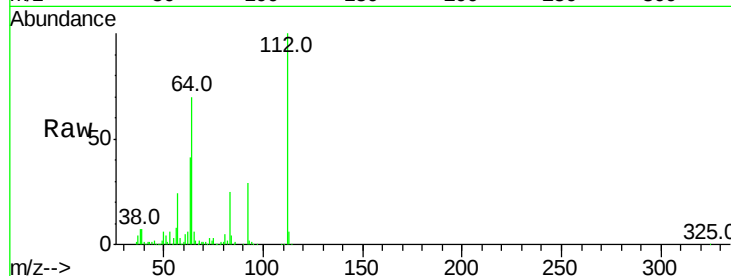
Tot Ion:112 Resp: 424417

Ion Ratio Lower Upper

112 100

64 70.2 56.3 84.5

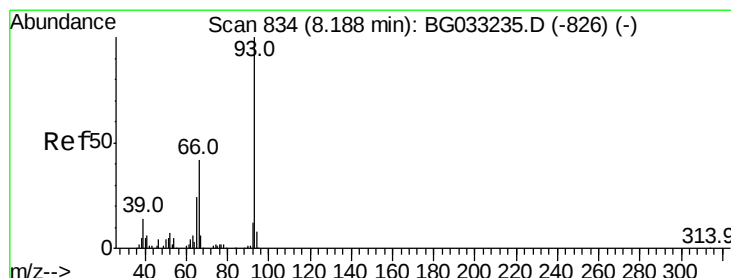
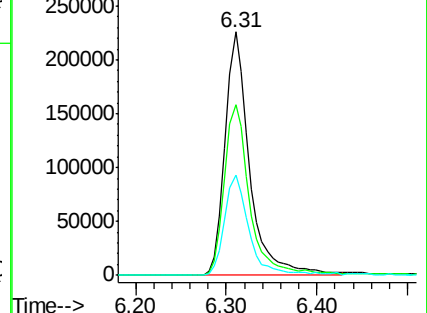
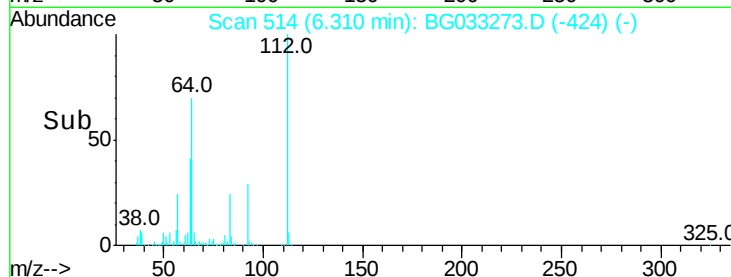
63 41.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.221 ng

RT: 8.18 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

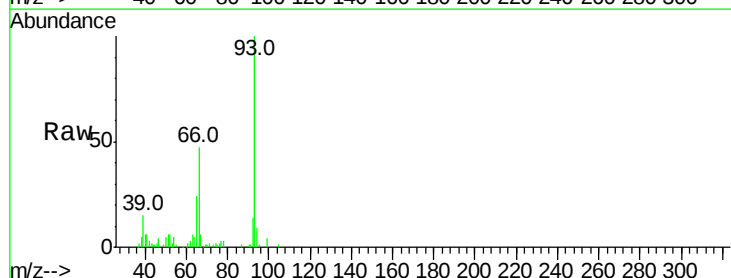
Tgt Ion: 93 Resp: 104439

Ion Ratio Lower Upper

93 100

66 47.5 33.7 50.5

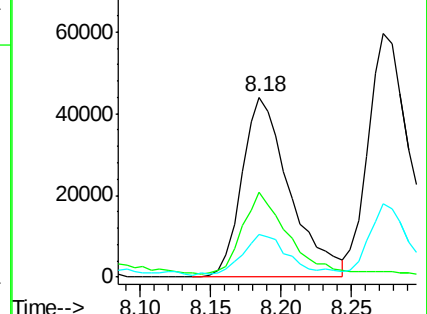
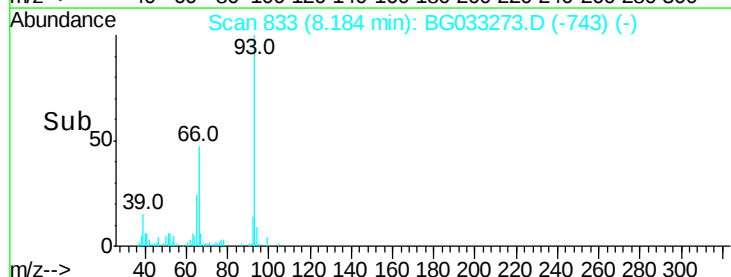
65 23.6 16.1 24.1

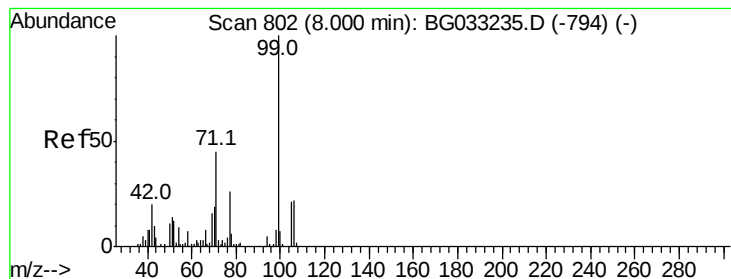


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.606 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

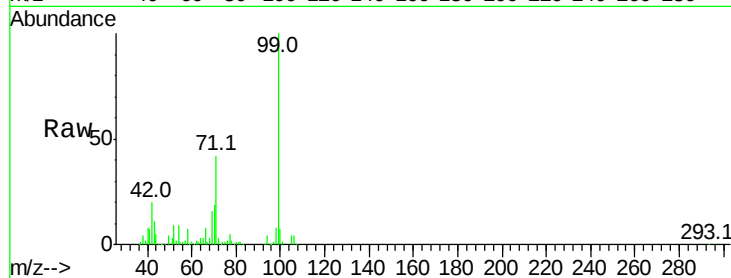
Tot Ion: 99 Resp: 633887

Ion Ratio Lower Upper

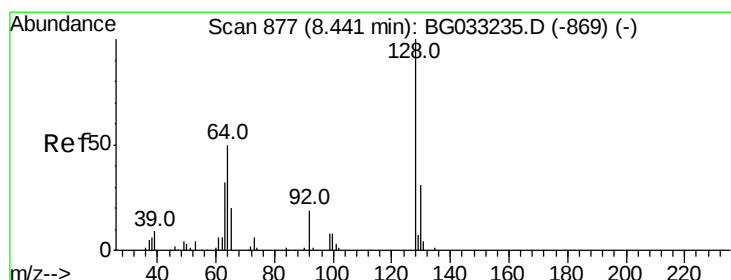
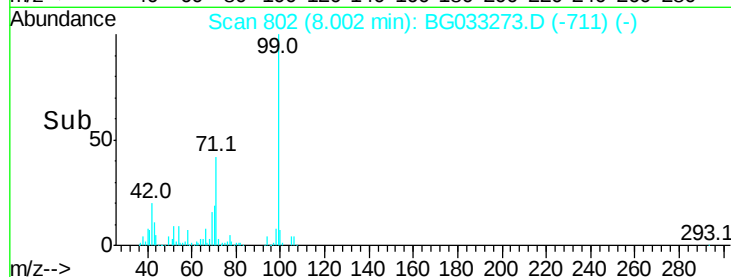
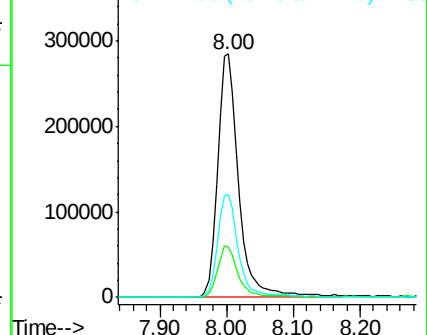
99 100

42 20.4 14.1 21.1

71 42.5 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 50.707 ng

RT: 8.44 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

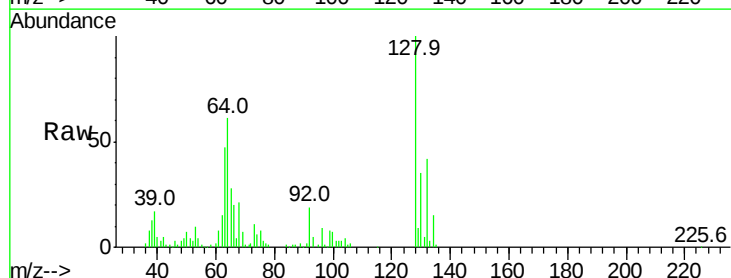
Tgt Ion:128 Resp: 134839

Ion Ratio Lower Upper

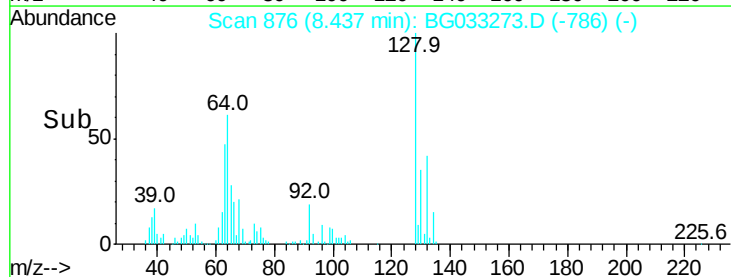
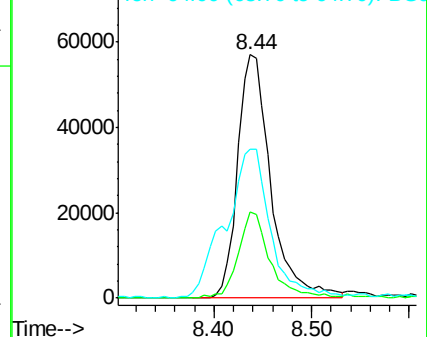
128 100

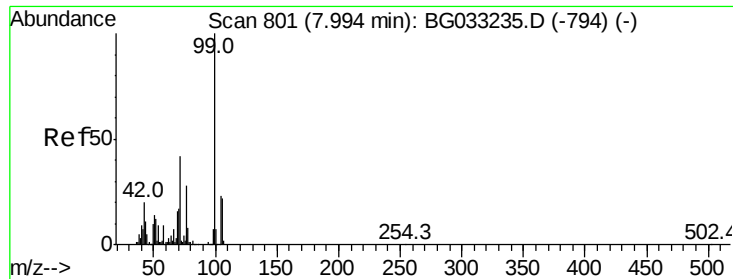
130 35.4 14.0 54.0

64 61.3 37.7 77.7



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





#9

Benzaldehyde

Concen: 18.114 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

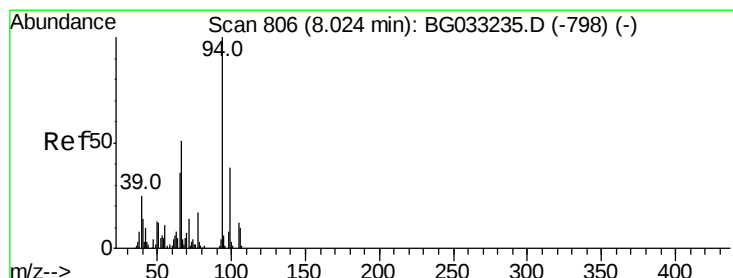
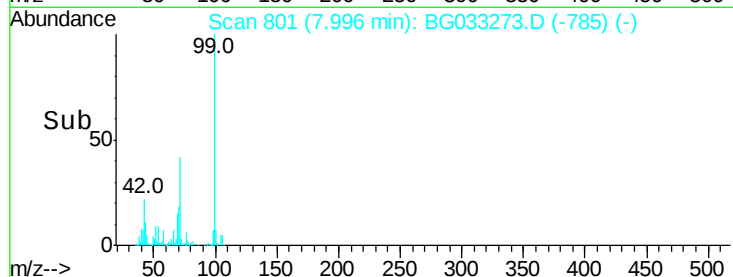
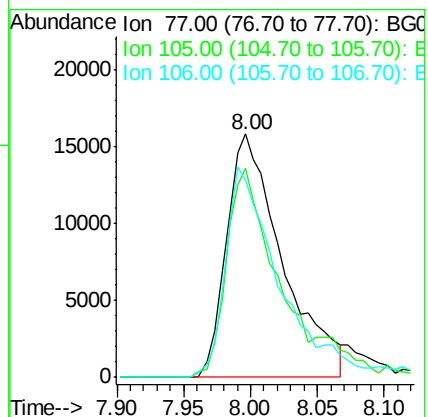
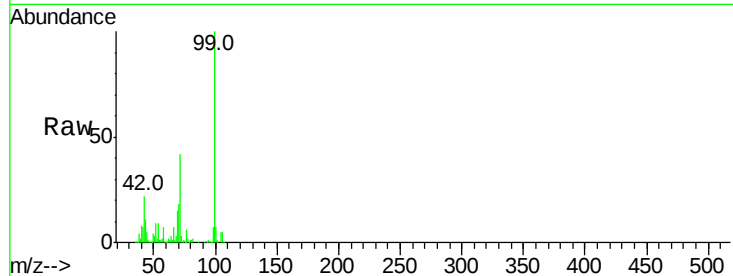
Tot Ion: 77 Resp: 46006

Ion Ratio Lower Upper

77 100

105 86.1 71.3 111.3

106 80.9 64.2 104.2



#10

Phenol

Concen: 51.184 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

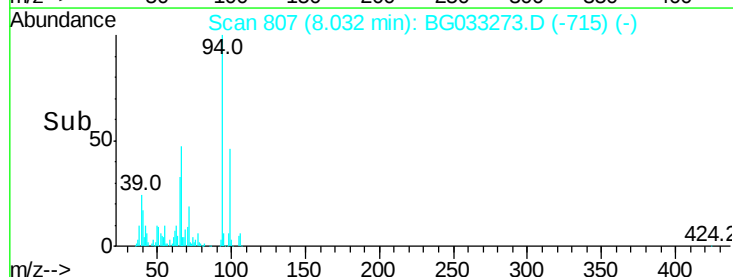
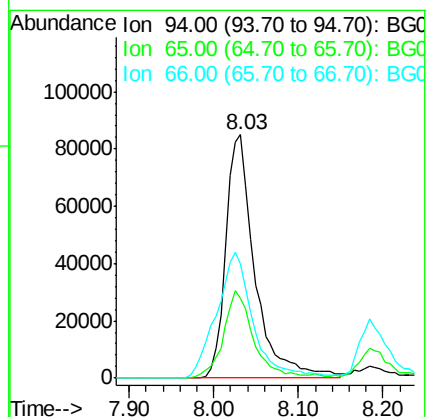
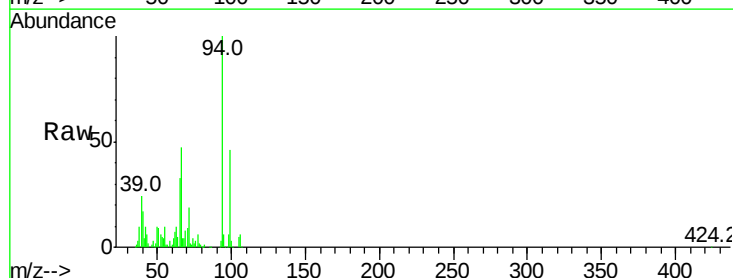
Tgt Ion: 94 Resp: 201967

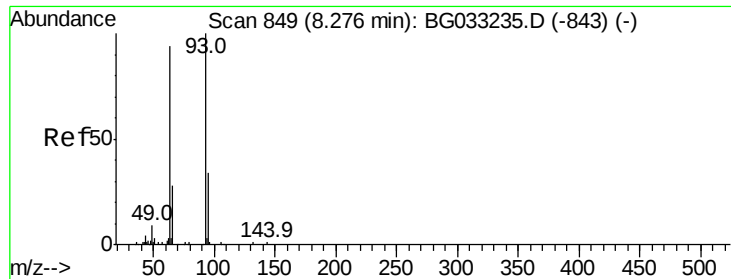
Ion Ratio Lower Upper

94 100

65 32.9 11.9 51.9

66 46.9 22.2 62.2

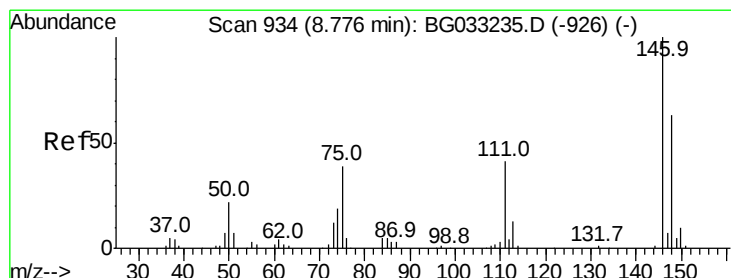
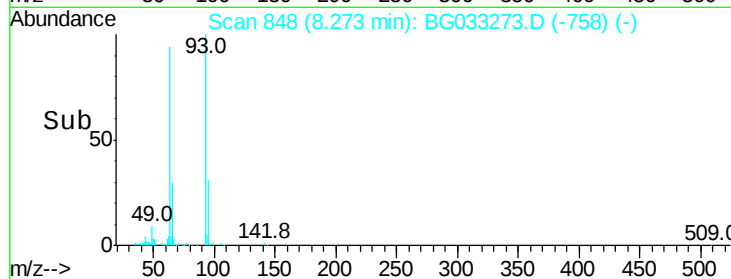
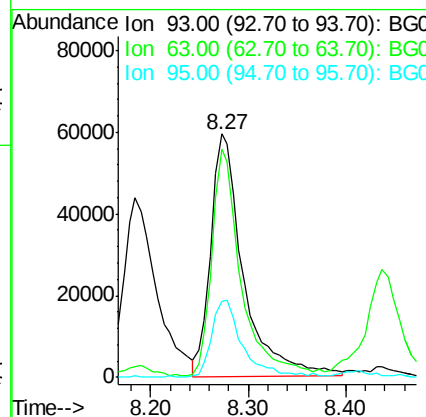
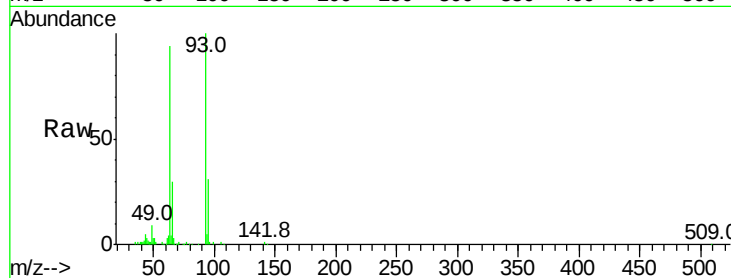




#11
bis(2-Chloroethyl)ether
Concen: 43.015 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

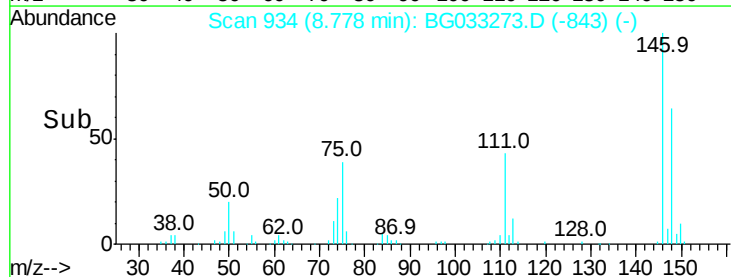
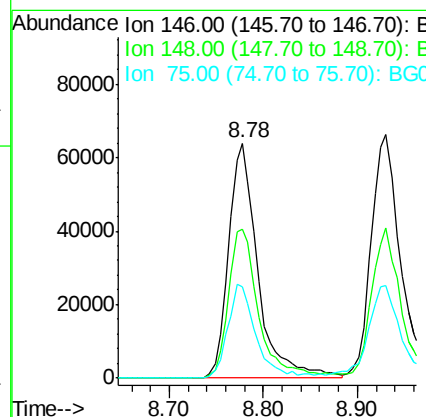
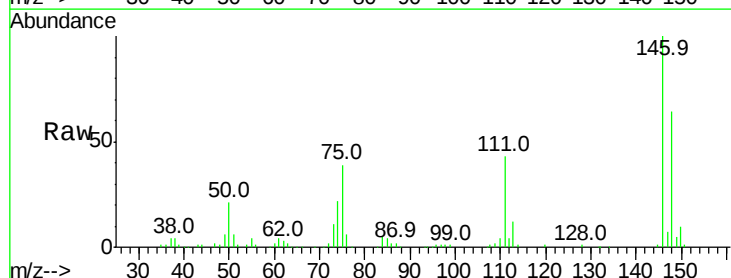
Instrument :
BNA_F
ClientSampleId :

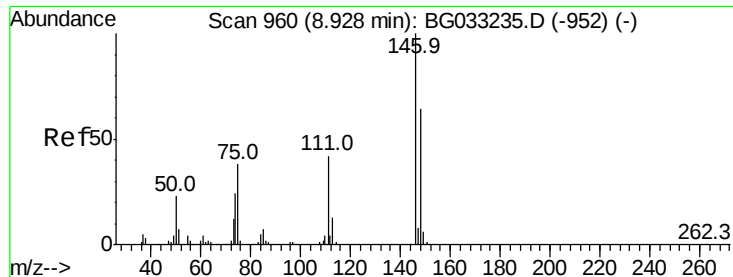
Tot Ion: 93 Resp: 138542
Ion Ratio Lower Upper
93 100
63 93.9 67.1 107.1
95 31.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.893 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion: 146 Resp: 138691
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
75 39.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.031 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

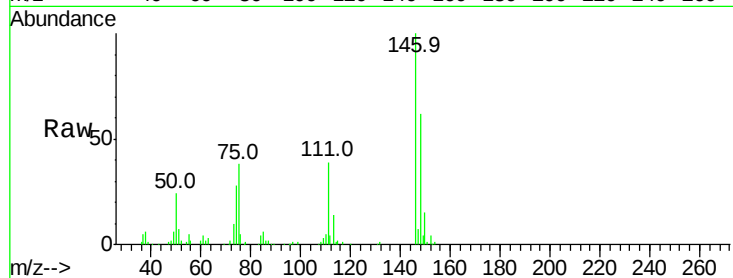
Tot Ion:146 Resp: 142859

Ion Ratio Lower Upper

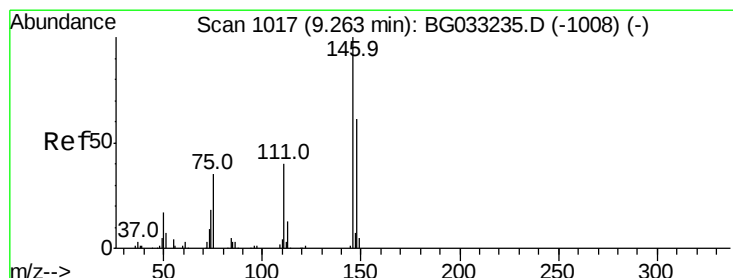
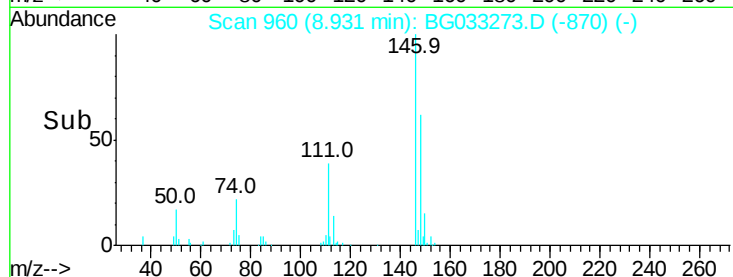
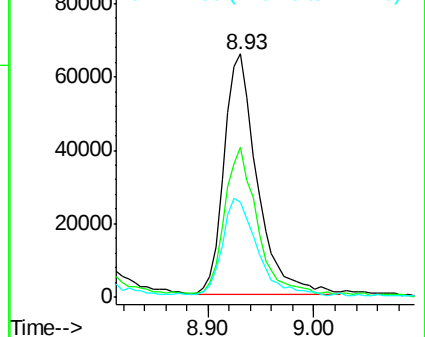
146 100

148 61.7 53.7 80.5

111 39.1 35.2 52.8



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: 40.938 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

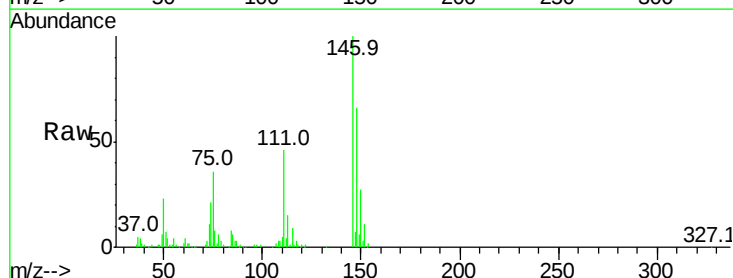
Tgt Ion:146 Resp: 139113

Ion Ratio Lower Upper

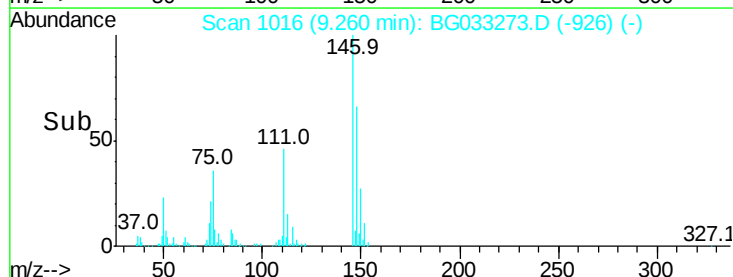
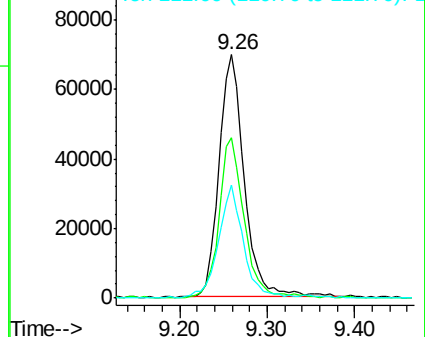
146 100

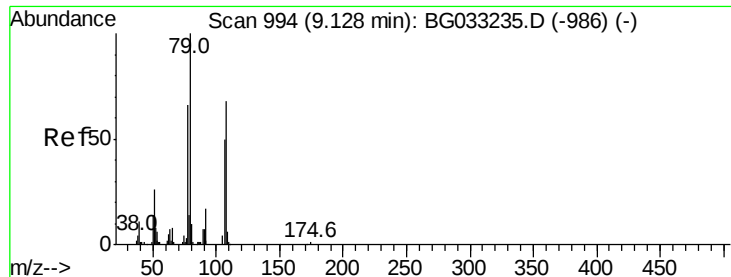
148 65.7 49.3 73.9

111 46.5 34.3 51.5



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: 48.319 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

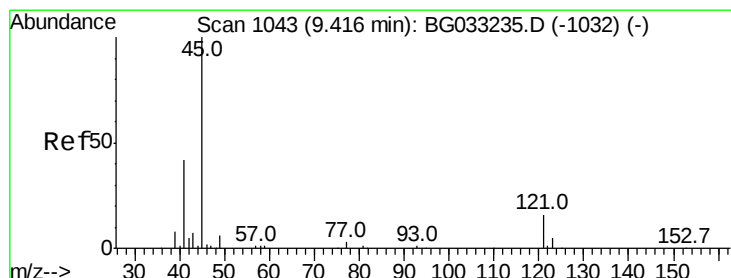
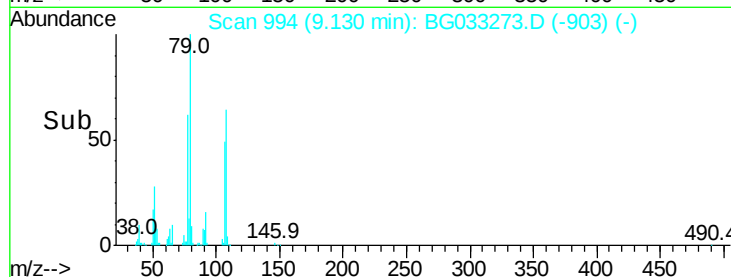
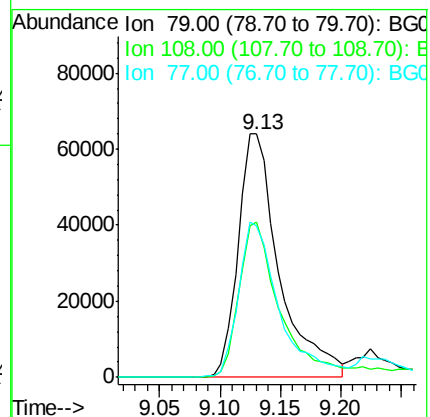
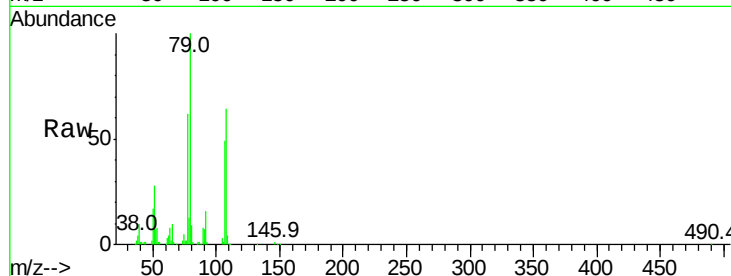
Tot Ion: 79 Resp: 152045

Ion Ratio Lower Upper

79 100

108 63.7 57.2 85.8

77 62.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.946 ng

RT: 9.41 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

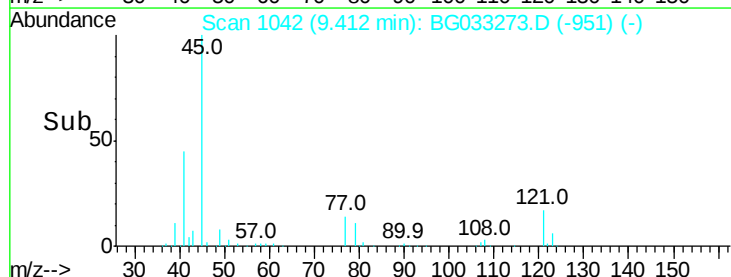
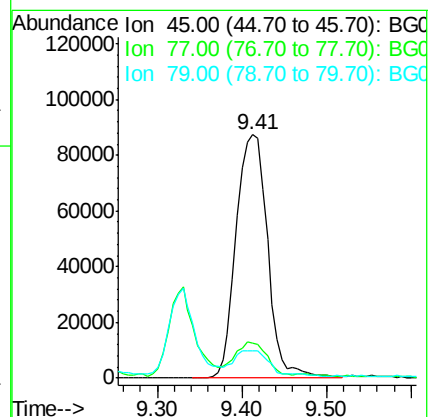
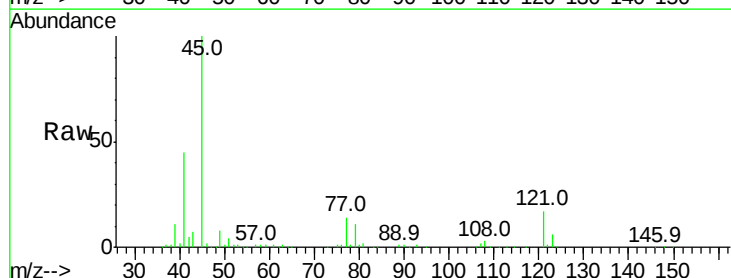
Tgt Ion: 45 Resp: 225490

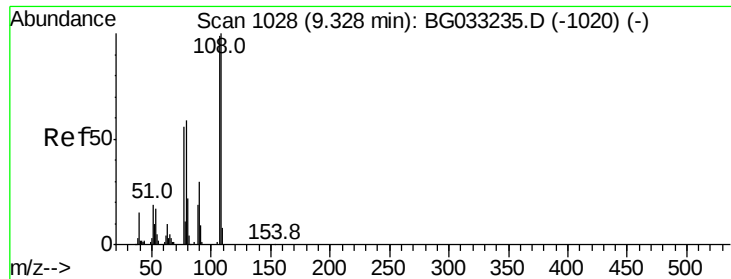
Ion Ratio Lower Upper

45 100

77 14.1 0.0 30.2

79 11.1 0.0 27.9

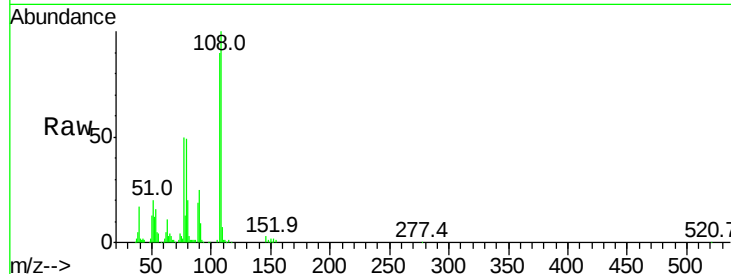




#17
2-Methylphenol
Concen: 46.558 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	83.9	125.9
77	55.4	37.2	55.8
79	54.8	36.2	54.2#



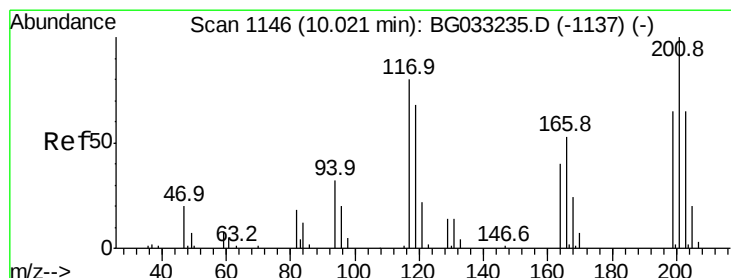
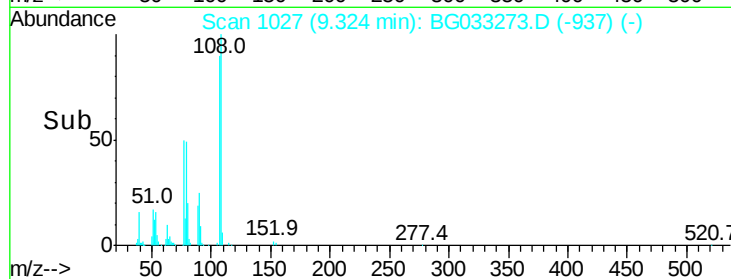
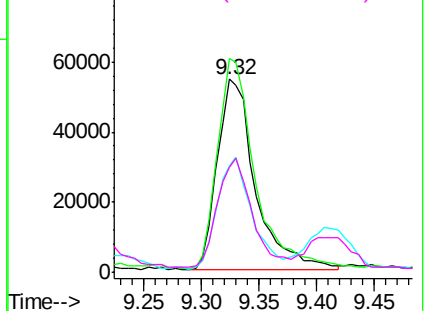
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

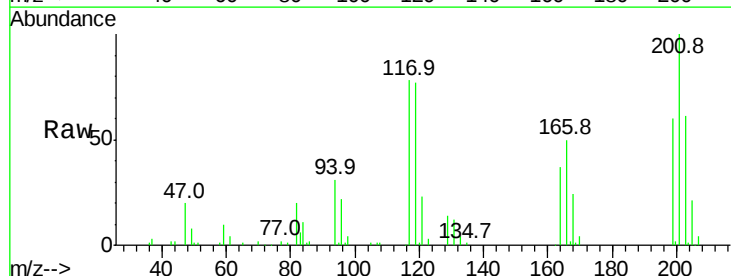
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.512 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.7	115.1
201	128.9	95.7	143.5

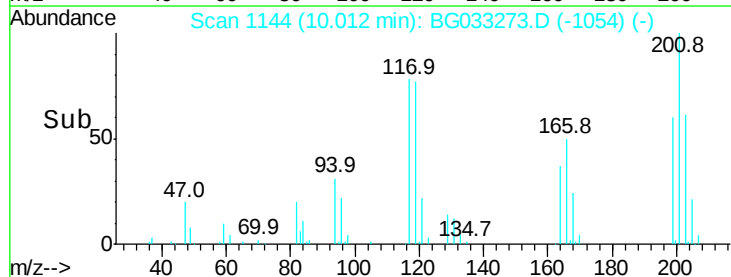
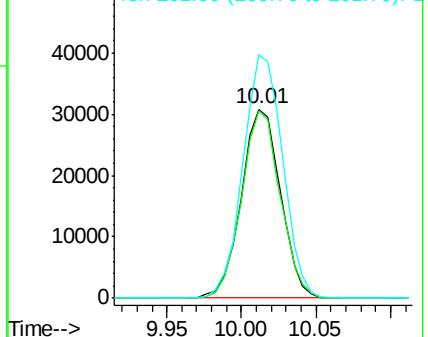


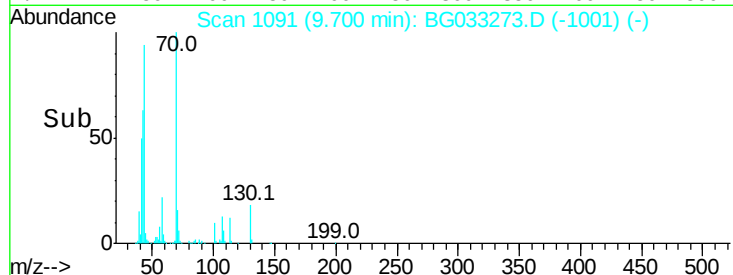
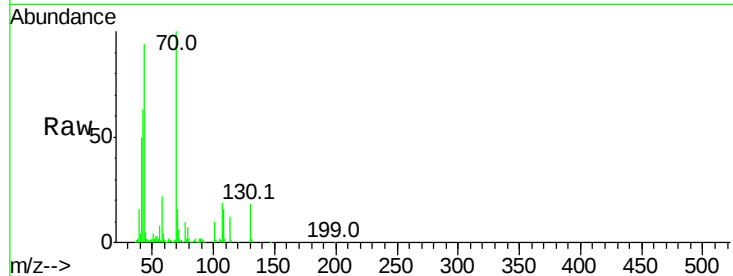
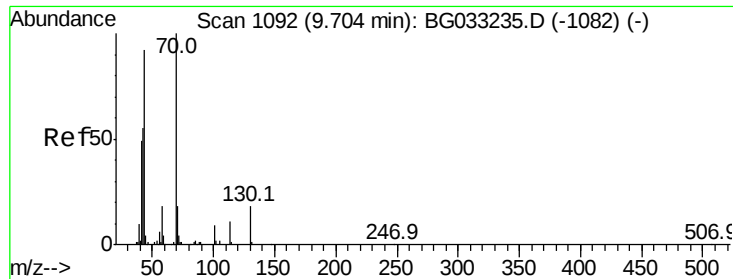
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

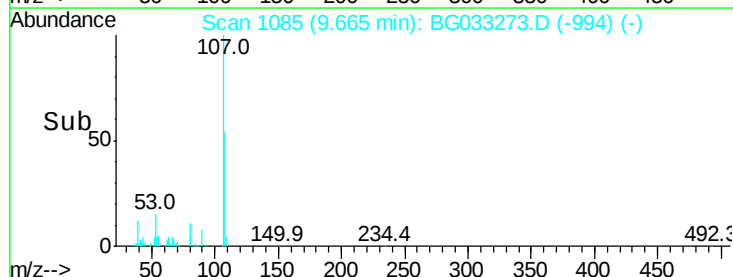
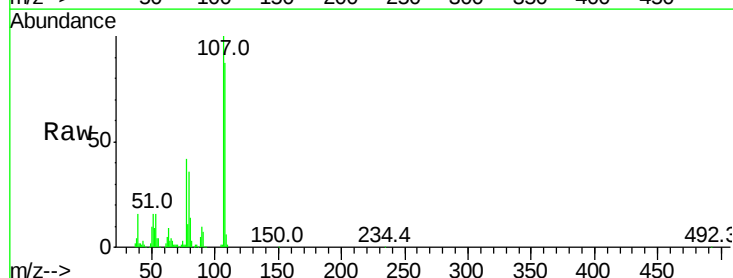
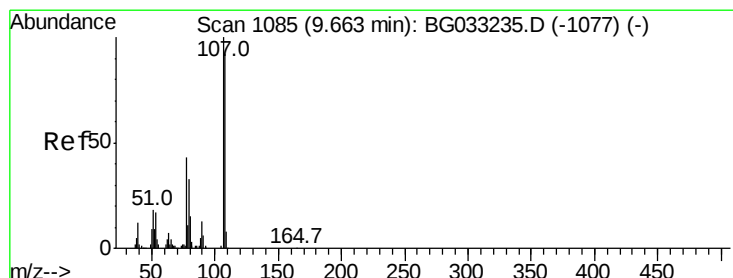
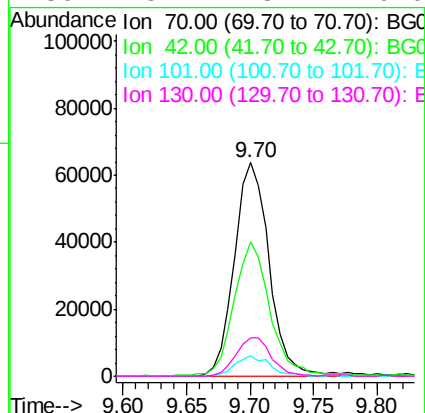




#19
n-Nitroso-di-n-propylamine
Concen: 41.475 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

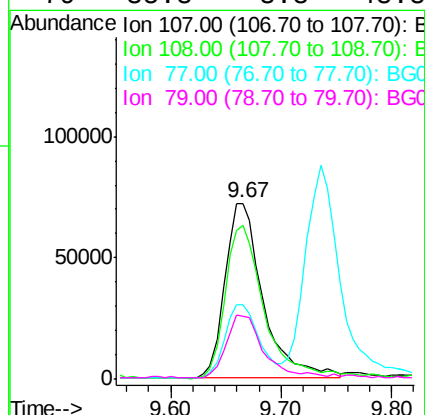
Instrument :
BNA_F
ClientSampled :

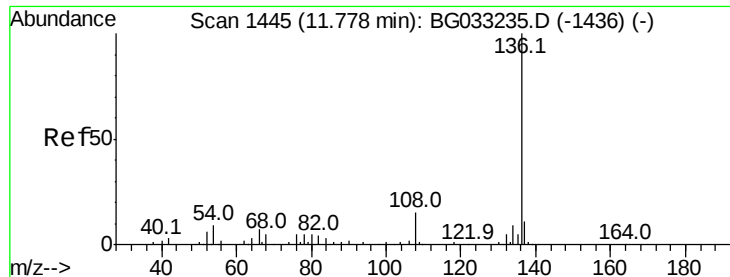
Tot Ion:	70	Resp:	121462
Ion	Ratio	Lower	Upper
70	100		
42	62.8	49.1	73.7
101	9.7	8.5	12.7
130	18.2	13.4	20.0



#20
3+4-Methylphenols
Concen: 45.630 ng
RT: 9.67 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:	107	Resp:	174637
Ion	Ratio	Lower	Upper
107	100		
108	87.2	61.6	101.6
77	42.2	13.9	53.9
79	35.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 183228

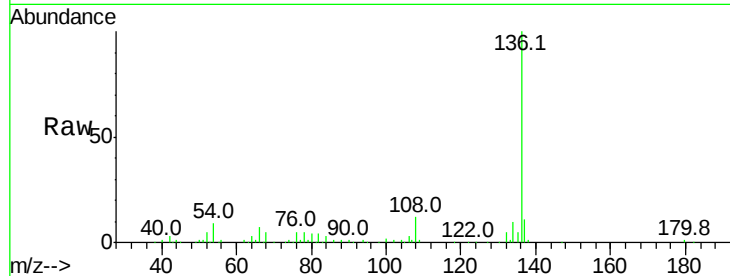
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.8 10.3 15.5#

68 5.3 4.5 6.7

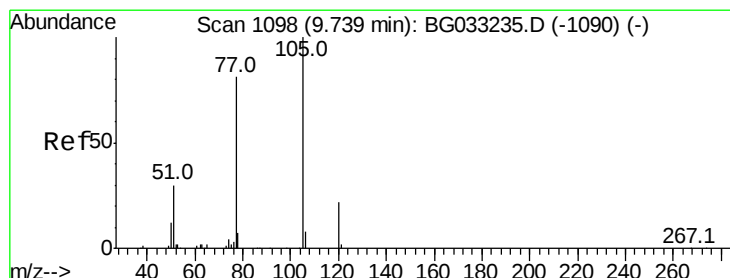
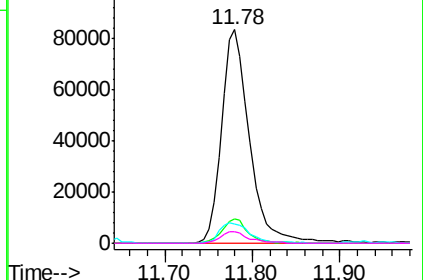
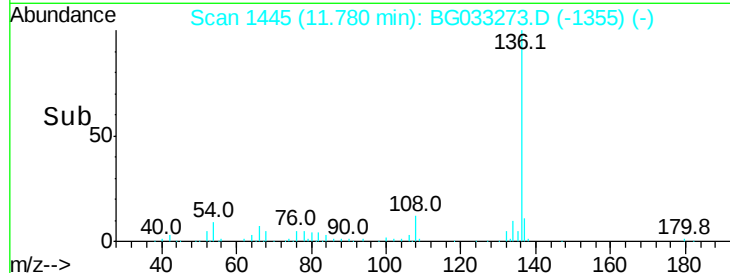


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 44.647 ng

RT: 9.74 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Tgt Ion:105 Resp: 224120

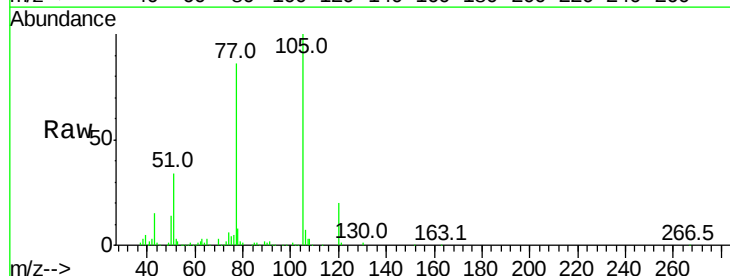
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 34.1 26.1 39.1

120 19.8 17.4 26.2

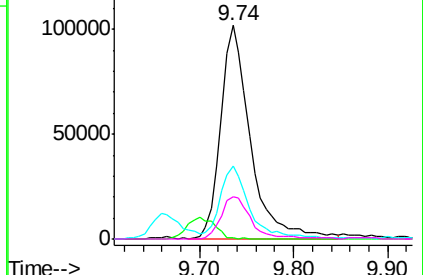
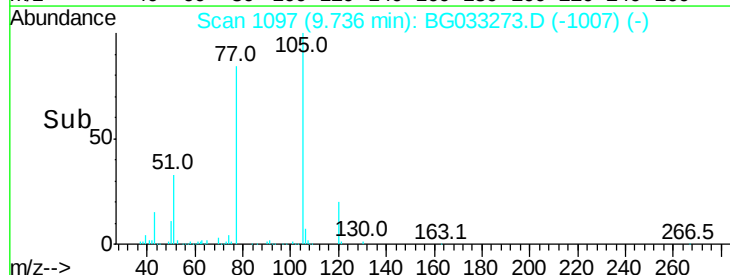


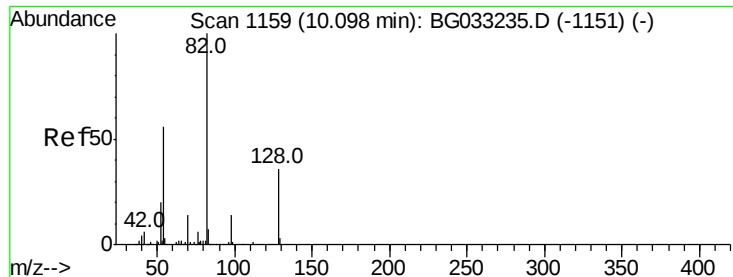
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 100.695 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

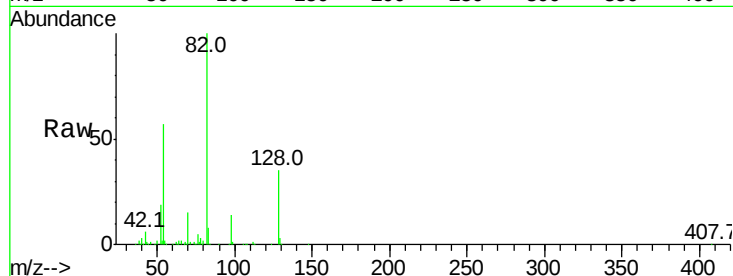
Tot Ion: 82 Resp: 401580

Ion Ratio Lower Upper

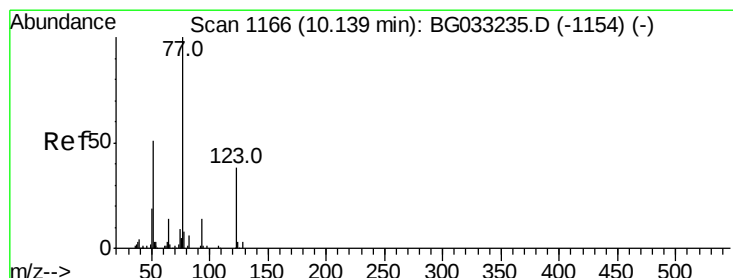
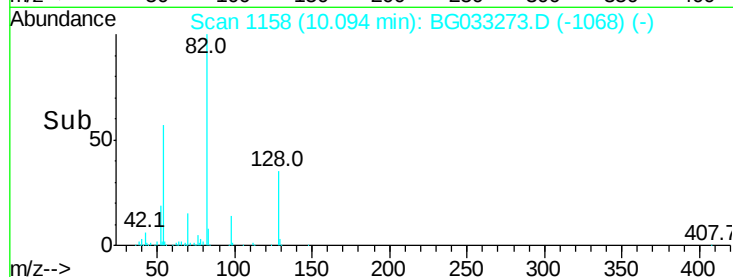
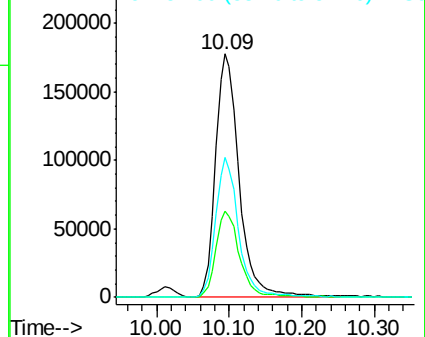
82 100

128 35.3 29.7 44.5

54 57.4 43.1 64.7



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



#24

Nitrobenzene

Concen: 44.917 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

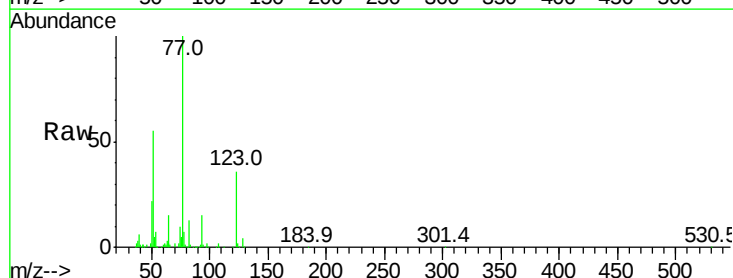
Tgt Ion: 77 Resp: 191737

Ion Ratio Lower Upper

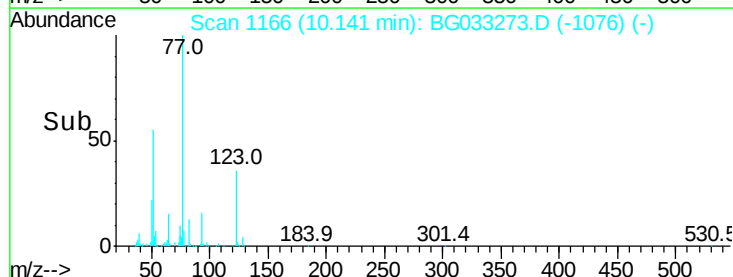
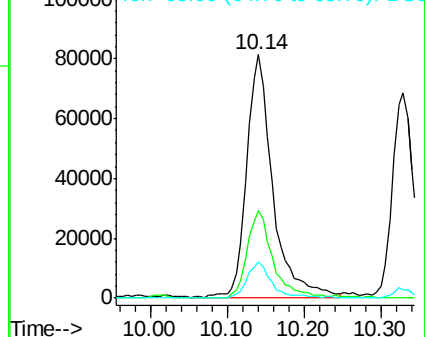
77 100

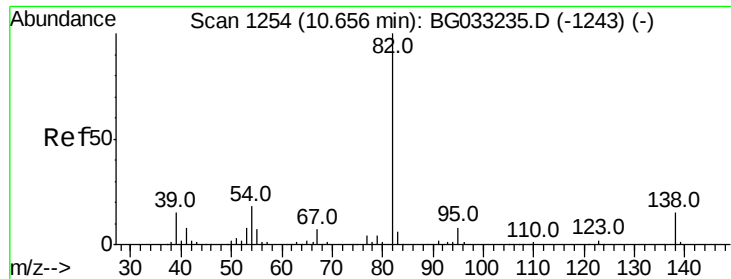
123 36.0 33.0 49.6

65 14.9 13.0 19.6



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





#25

Isophorone

Concen: 45.228 ng

RT: 10.66 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampled :

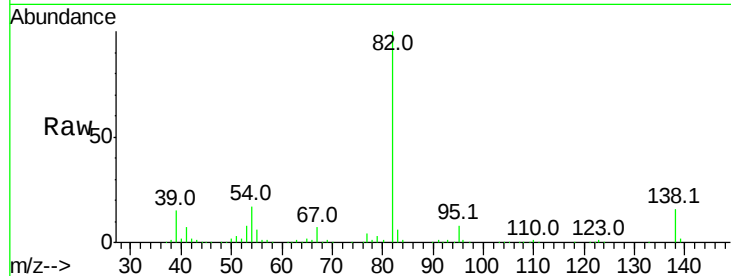
Tot Ion: 82 Resp: 350078

Ion Ratio Lower Upper

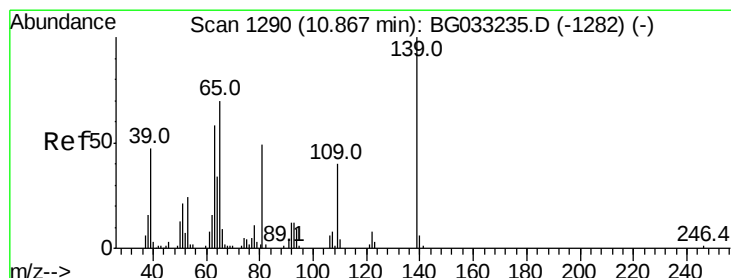
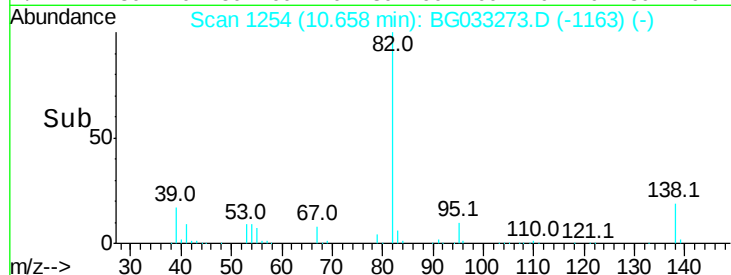
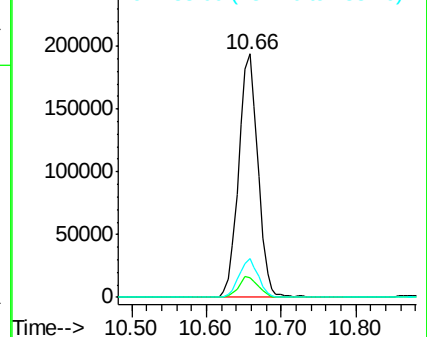
82 100

95 7.9 6.2 9.2

138 15.8 12.1 18.1



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



#26

2-Nitrophenol

Concen: 48.845 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

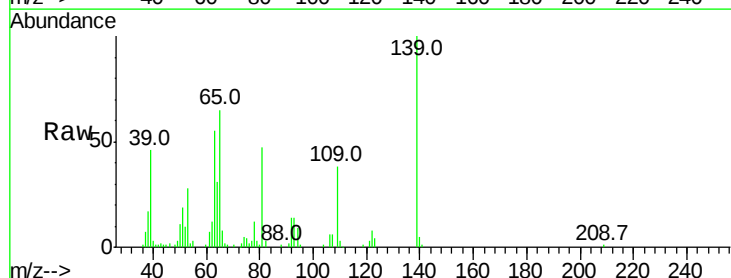
Tgt Ion: 139 Resp: 78939

Ion Ratio Lower Upper

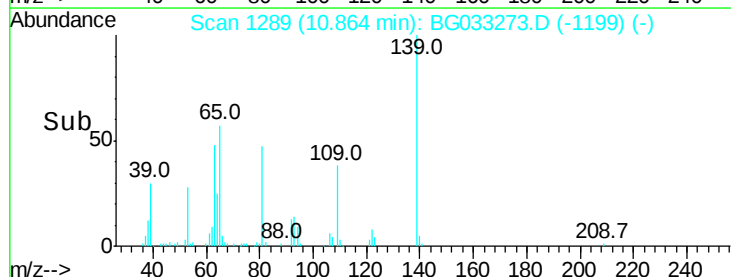
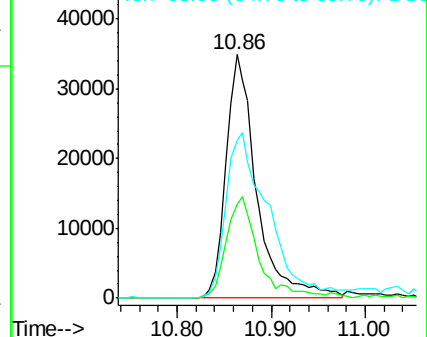
139 100

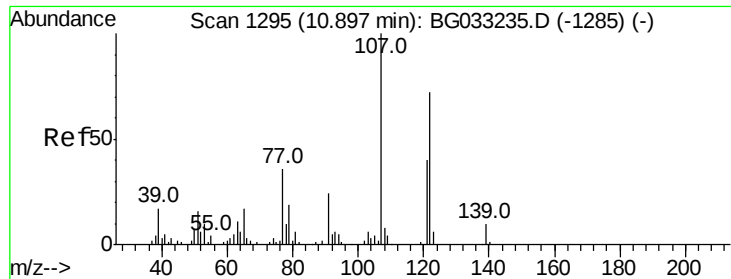
109 38.4 24.2 36.2#

65 64.9 47.4 71.0



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

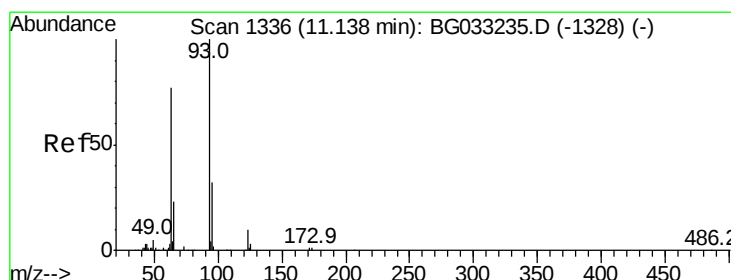
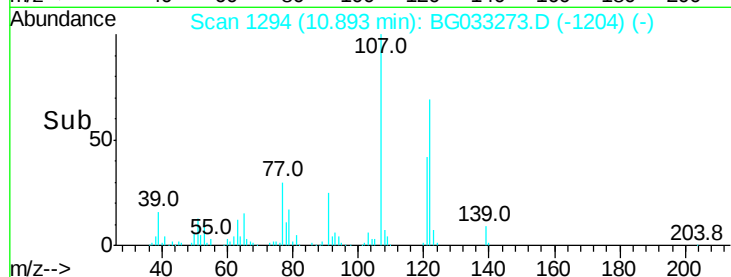
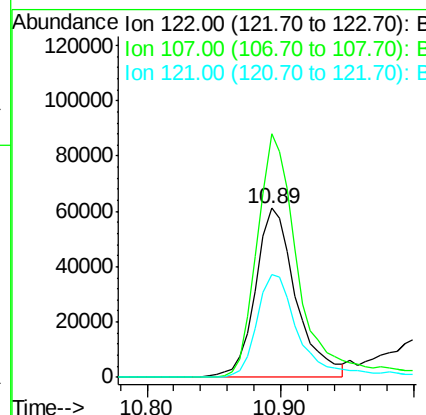
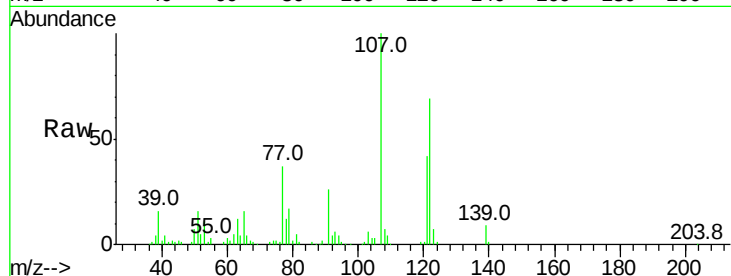




#27
2,4-Dimethylphenol
Concen: 54.557 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

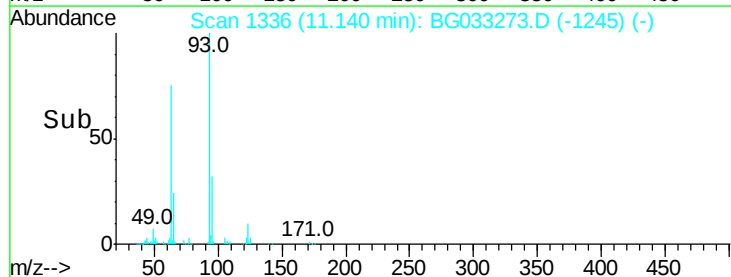
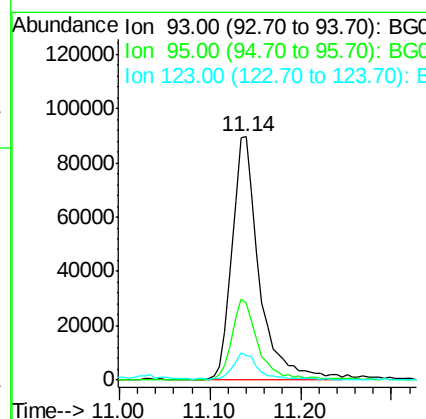
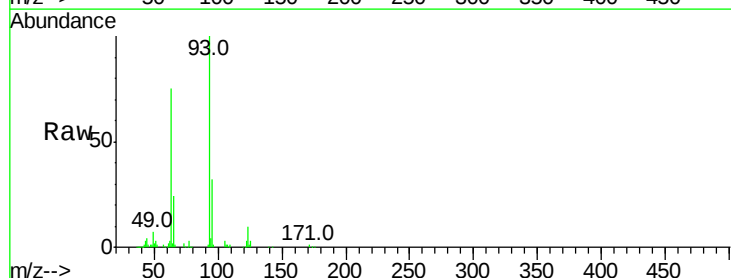
Instrument :
BNA_F
ClientSampleId :

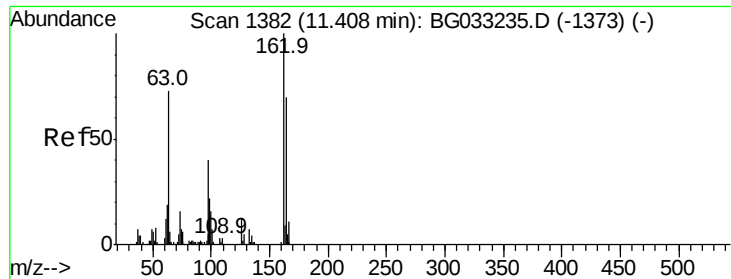
Tot Ion:122 Resp: 128084
Ion Ratio Lower Upper
122 100
107 144.2 100.2 150.2
121 61.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.698 ng
RT: 11.14 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion: 93 Resp: 188072
Ion Ratio Lower Upper
93 100
95 31.5 24.3 36.5
123 10.0 8.4 12.6

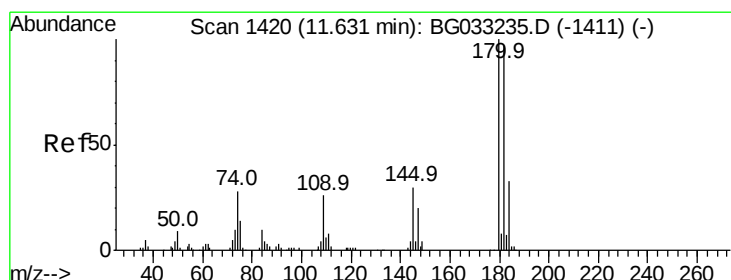
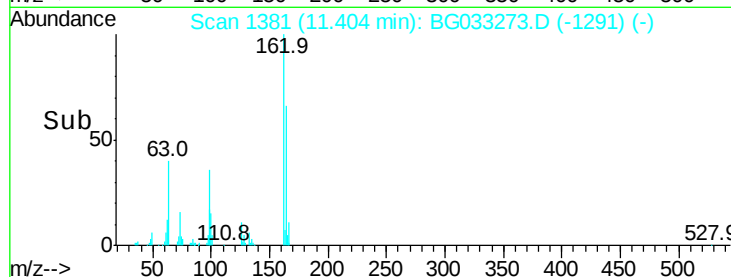
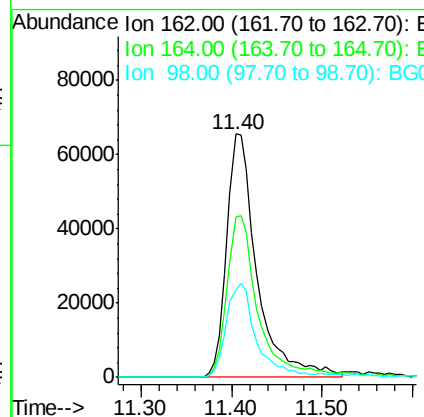
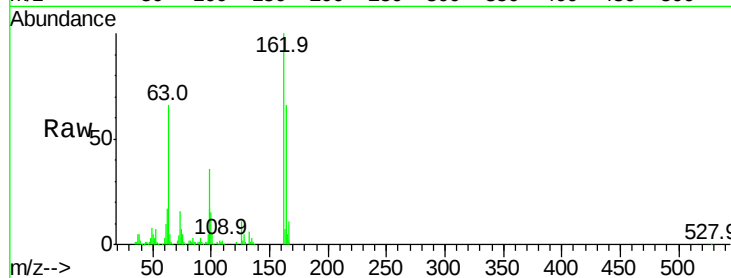




#29
2,4-Dichlorophenol
Concen: 52.734 ng
RT: 11.40 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

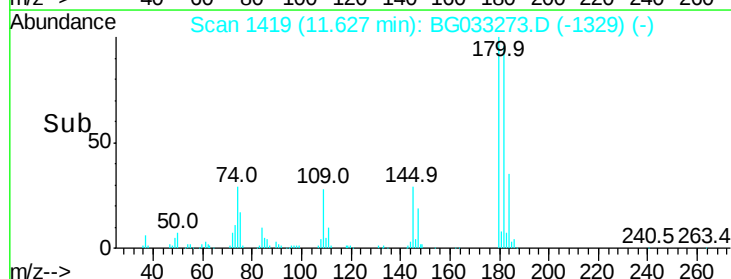
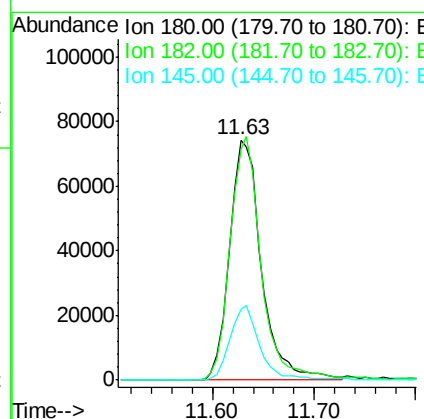
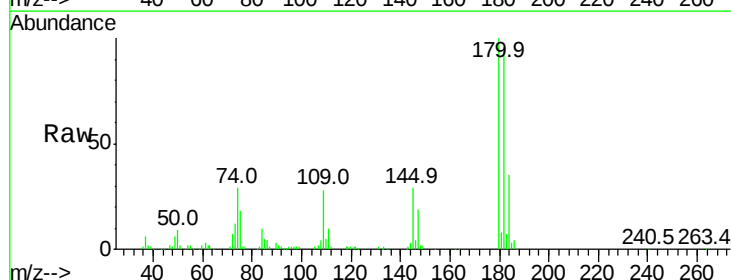
Instrument :
BNA_F
ClientSampleId :

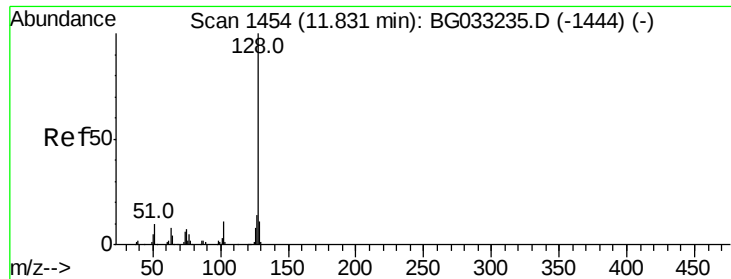
Tot Ion:162 Resp: 152254
Ion Ratio Lower Upper
162 100
164 65.7 48.0 88.0
98 35.8 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 43.188 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:180 Resp: 162008
Ion Ratio Lower Upper
180 100
182 96.4 77.5 116.3
145 29.4 23.4 35.2

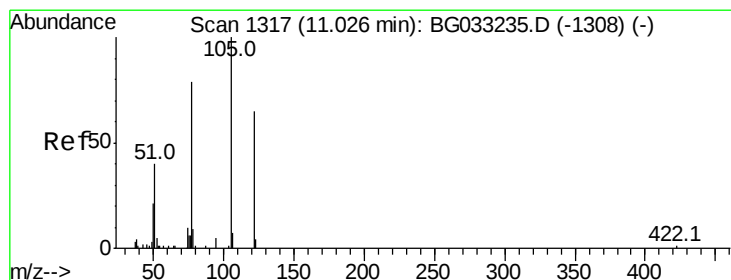
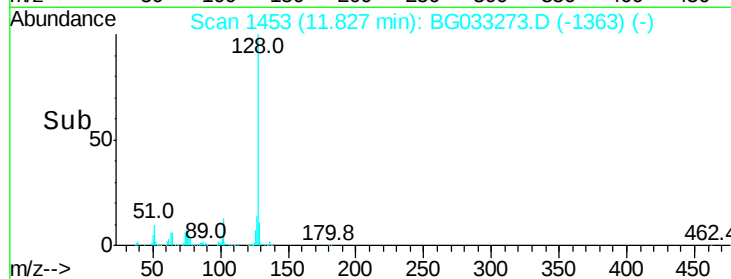
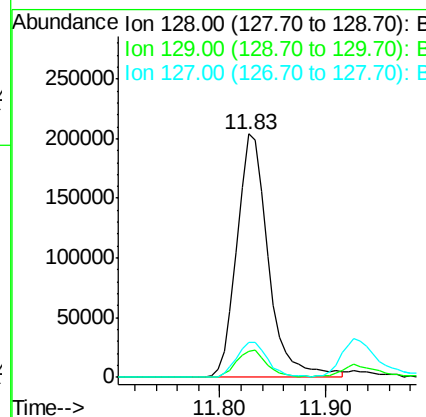
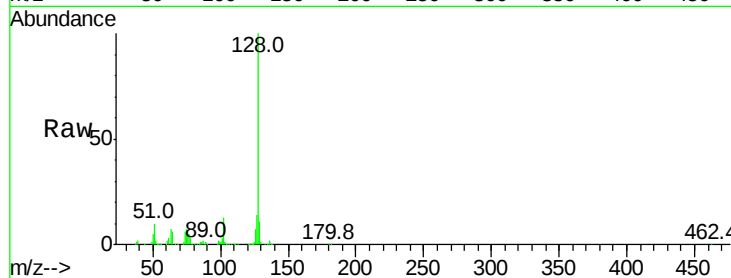




#31
Naphthalene
Concen: 44.196 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

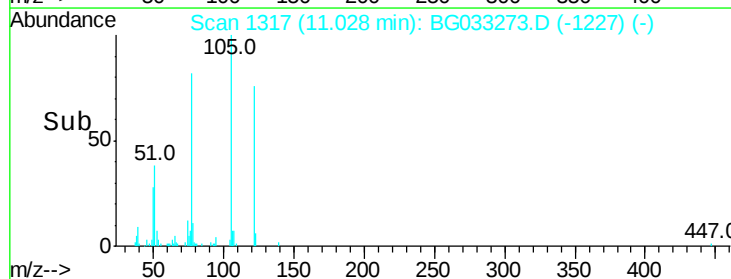
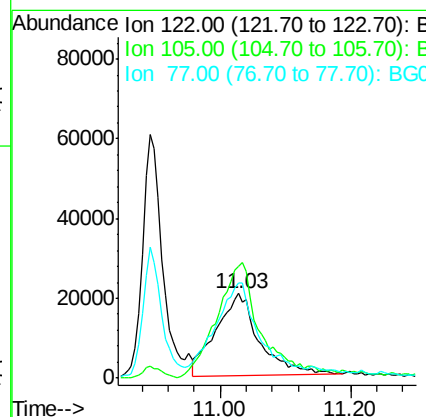
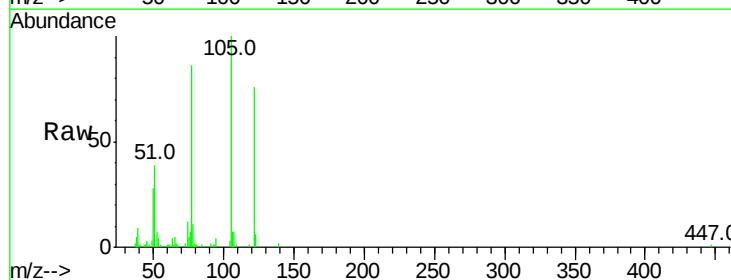
Instrument :
BNA_F
ClientSampleId :

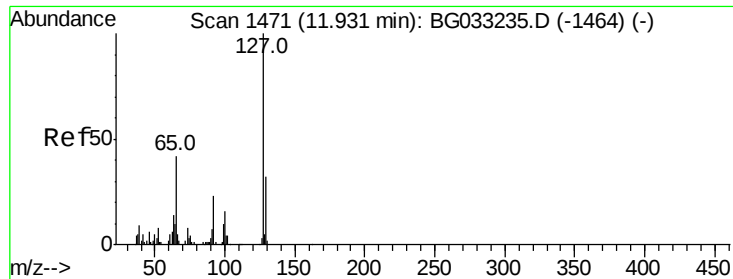
Tot Ion:128 Resp: 419641
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 43.189 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:122 Resp: 94257
Ion Ratio Lower Upper
122 100
105 131.9 123.5 163.5
77 113.4 85.7 125.7

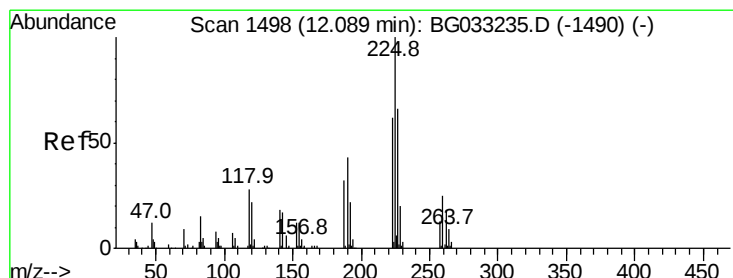
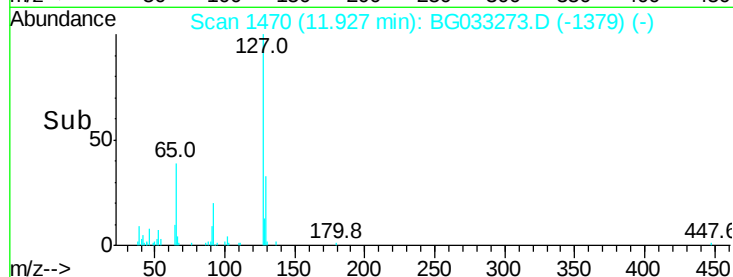
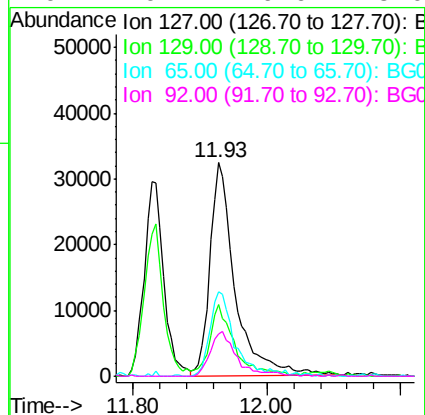
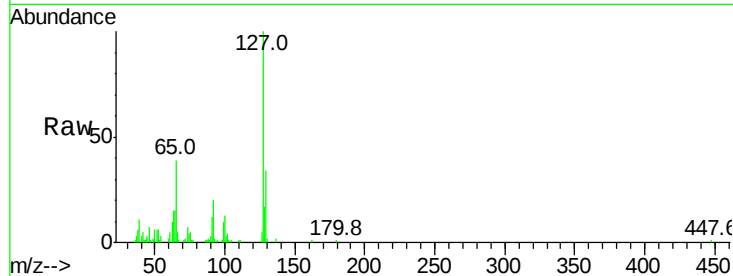




#33
4-Chloroaniline
Concen: 19.974 ng
RT: 11.93 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

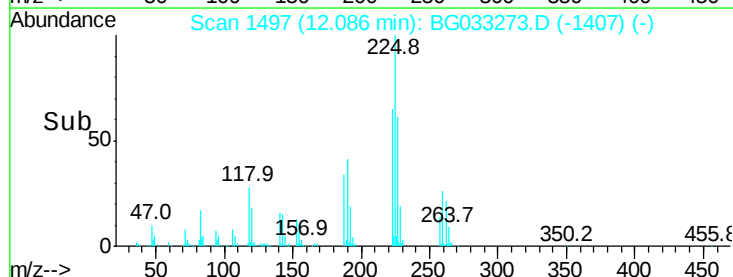
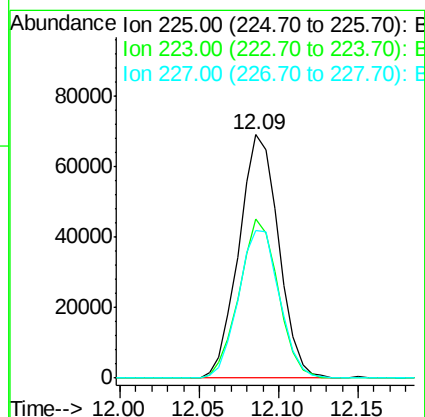
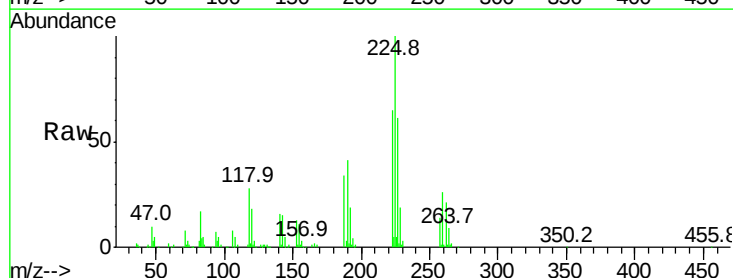
Instrument :
BNA_F
ClientSampled :

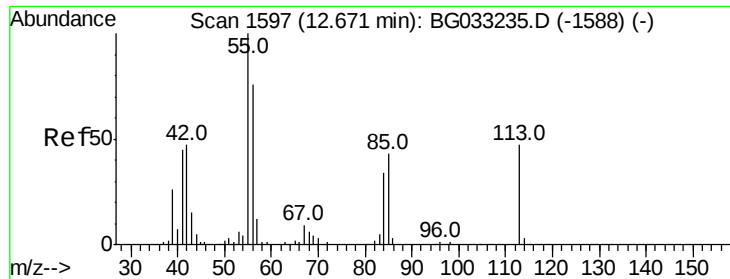
Tot Ion:	127	Resp:	84969
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	39.4	27.0	40.4
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.407 ng
RT: 12.09 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:	225	Resp:	120299
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.7	74.5
227	60.6	48.1	72.1

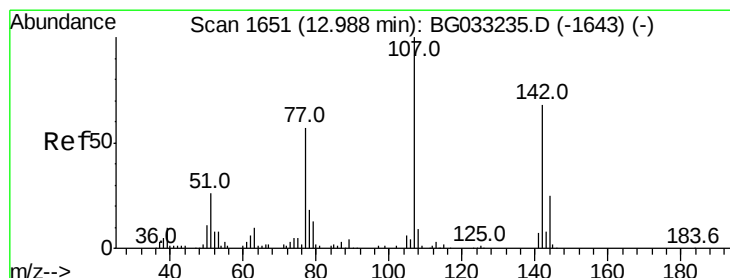
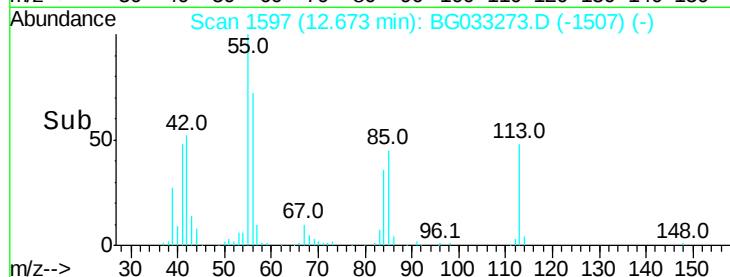
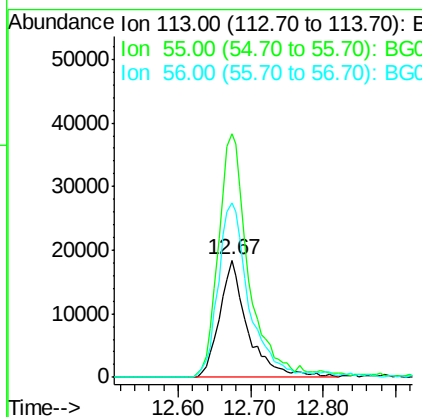
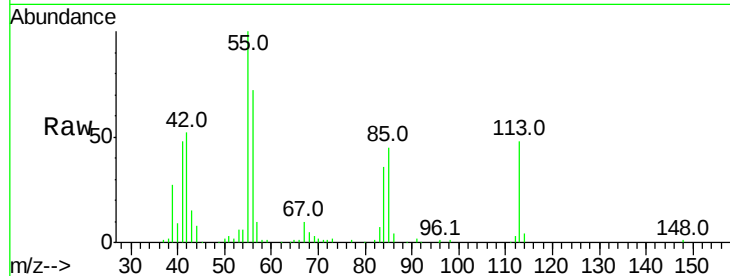




#35
 Caprolactam
 Concen: 44.288 ng
 RT: 12.67 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BG033273.D
 Acq: 20 Mar 2018 18:34

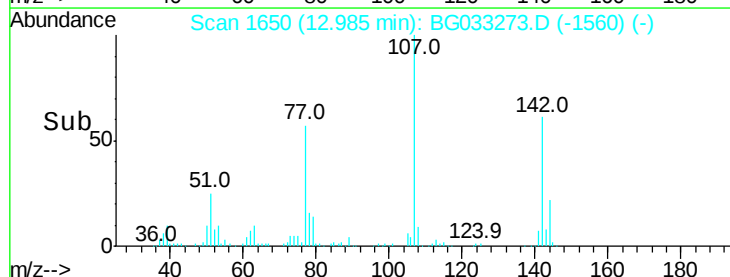
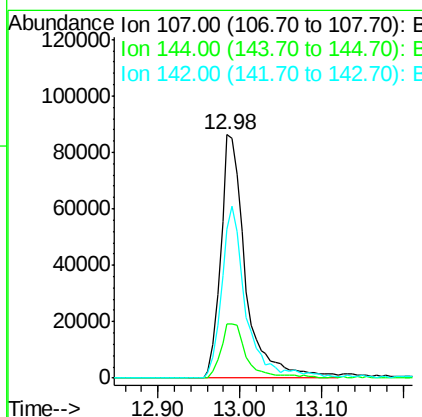
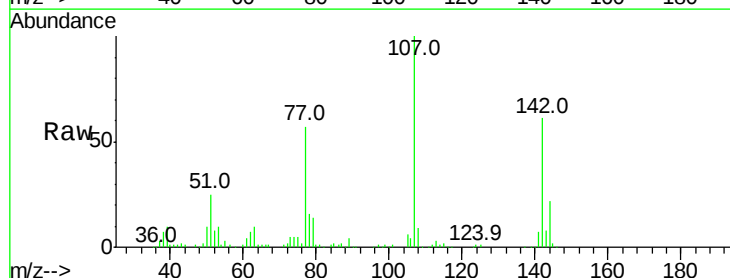
Instrument :
 BNA_F
 ClientSampleId :

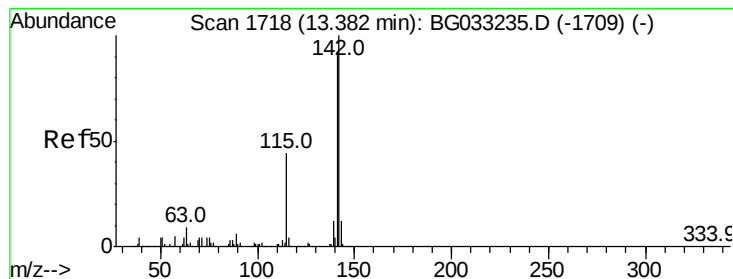
Tot Ion:113 Resp: 50095
 Ion Ratio Lower Upper
 113 100
 55 207.4 186.9 226.9
 56 148.4 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.509 ng
 RT: 12.98 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BG033273.D
 Acq: 20 Mar 2018 18:34

Tgt Ion:107 Resp: 182670
 Ion Ratio Lower Upper
 107 100
 144 22.2 18.2 27.4
 142 61.4 59.0 88.4





#37

2-Methylnaphthalene

Concen: 43.356 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

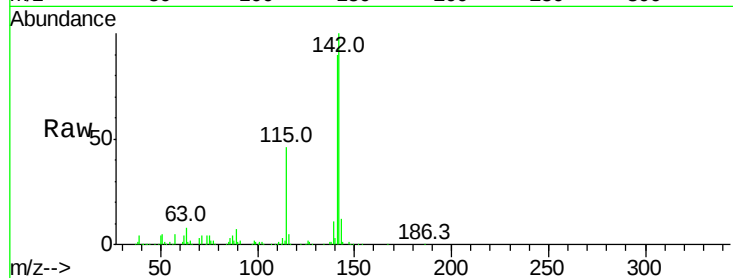
Tot Ion:142 Resp: 319522

Ion Ratio Lower Upper

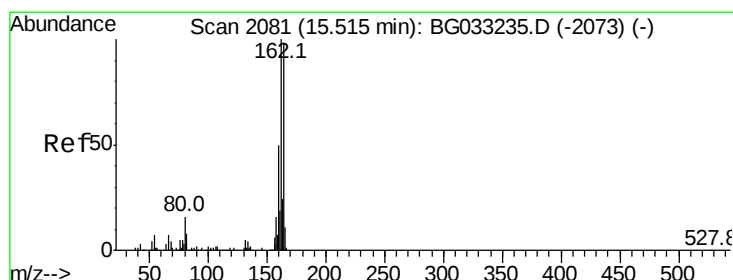
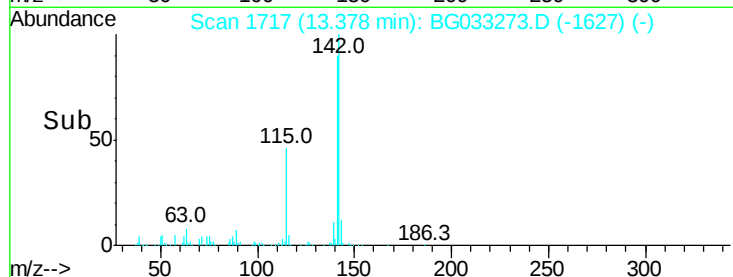
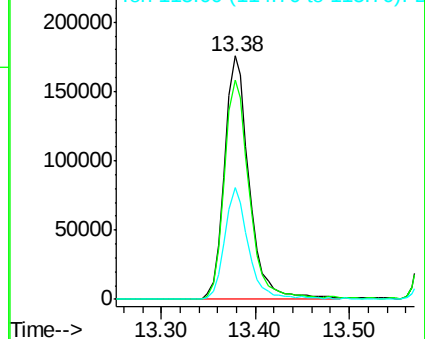
142 100

141 90.0 67.1 100.7

115 46.1 30.7 46.1#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

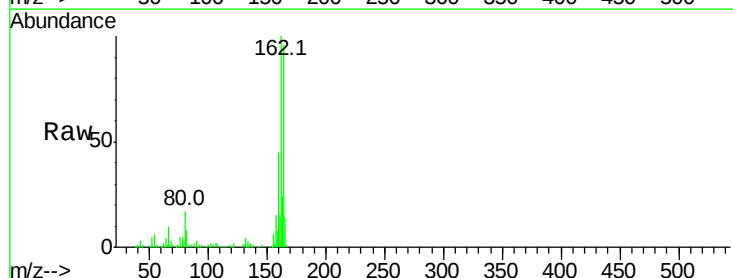
Tgt Ion:164 Resp: 134901

Ion Ratio Lower Upper

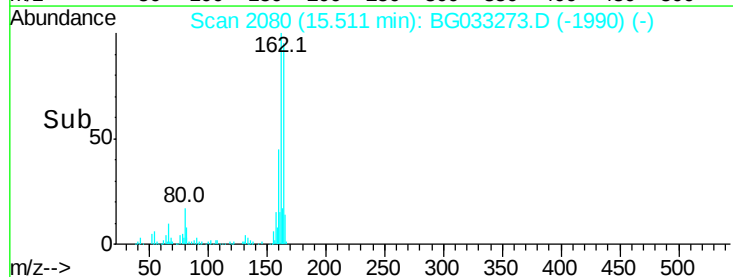
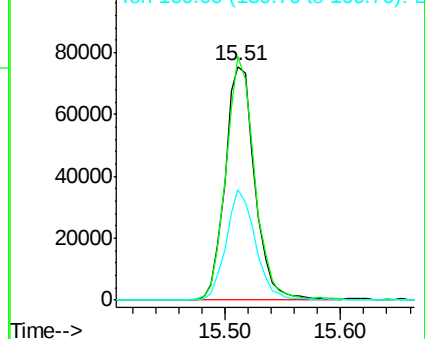
164 100

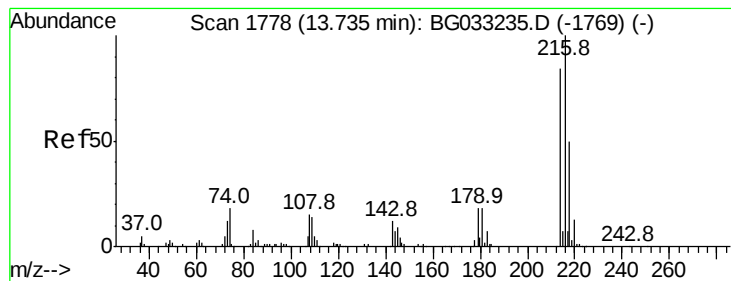
162 104.1 78.8 118.2

160 47.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.379 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

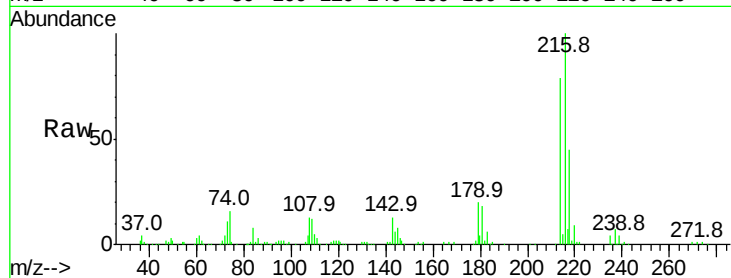
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 211969

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	19.4	17.0	25.6
108	17.3	12.8	19.2

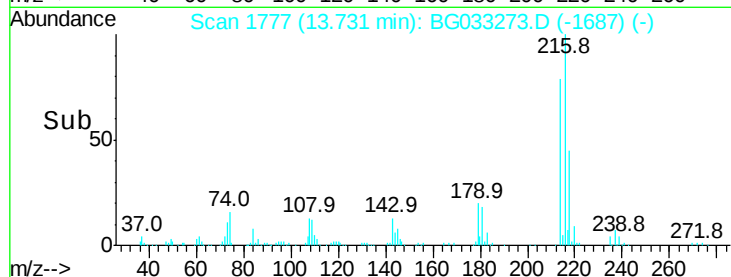


Abundance Ion 216.00 (215.70 to 216.70): E

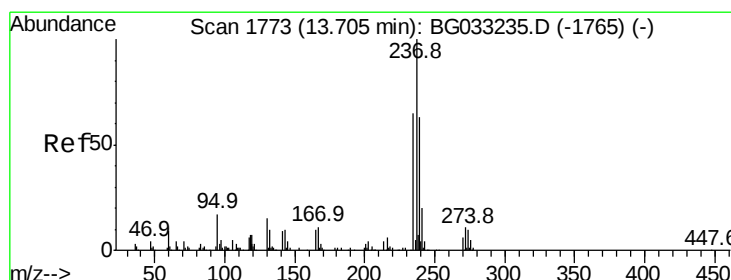
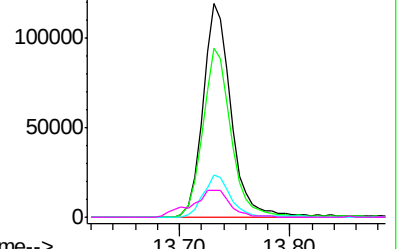
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 104.605 ng

RT: 13.70 min Scan# 1772

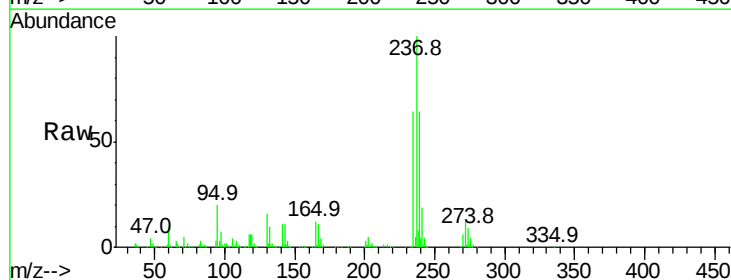
Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Tgt Ion:237 Resp: 299647

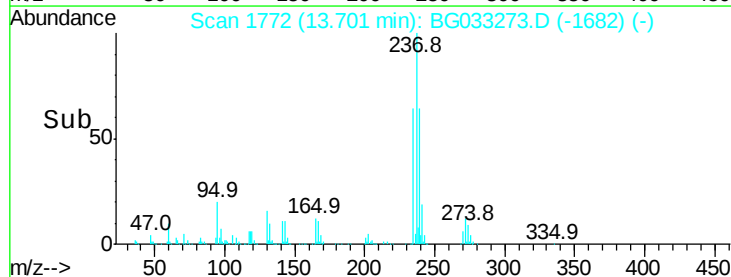
Ion	Ratio	Lower	Upper
237	100		
235	63.8	50.4	90.4
272	12.2	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E

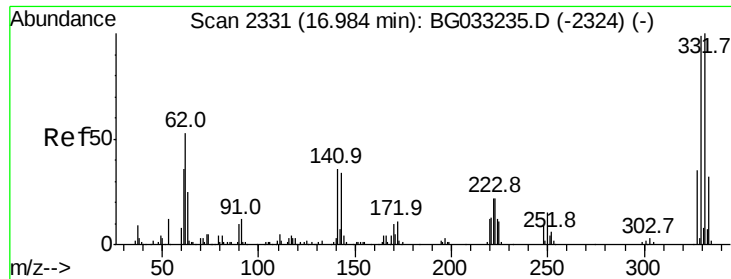
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 148.039 ng

RT: 16.99 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampled :

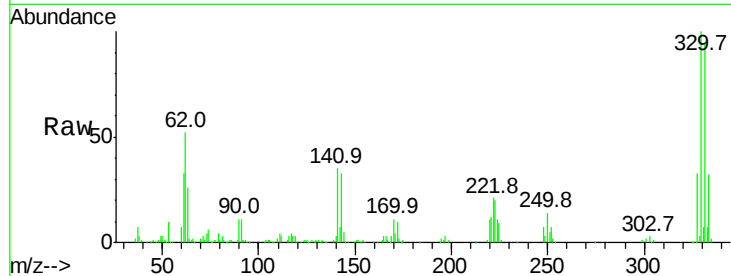
Tot Ion:330 Resp: 298684

Ion Ratio Lower Upper

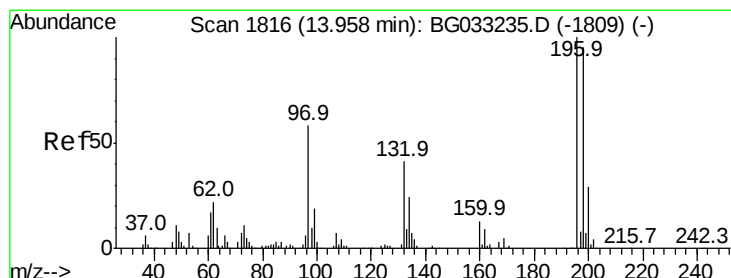
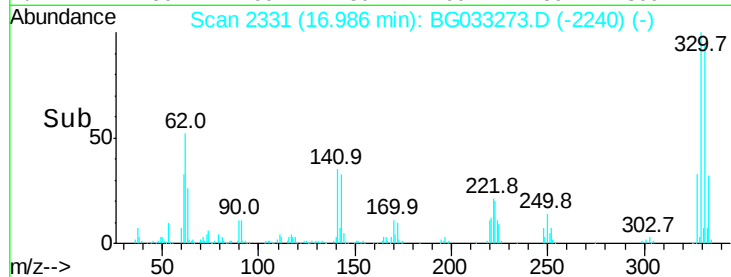
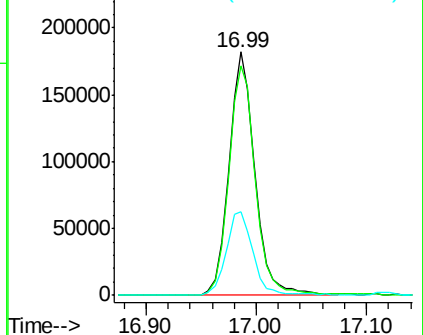
330 100

332 97.0 77.0 115.6

141 35.8 25.2 37.8



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: 49.443 ng

RT: 13.96 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

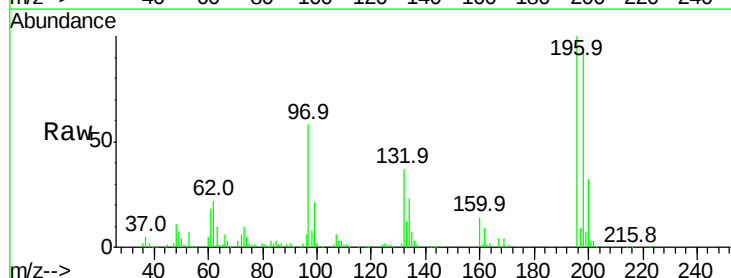
Tgt Ion:196 Resp: 140372

Ion Ratio Lower Upper

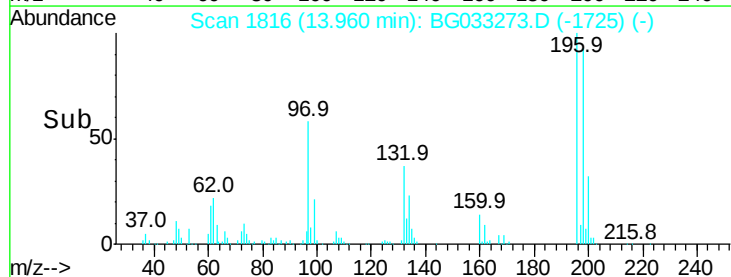
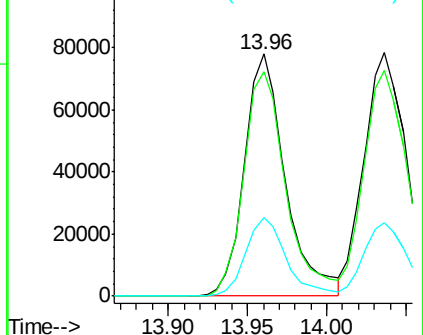
196 100

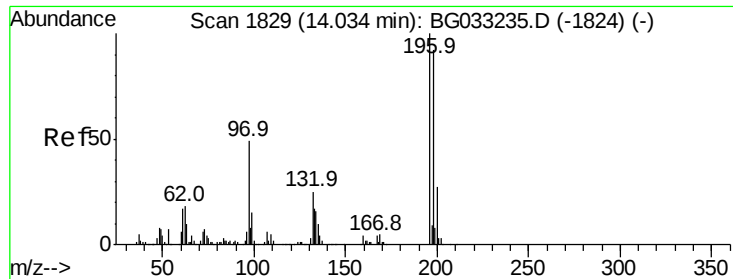
198 93.0 78.2 117.2

200 32.2 24.6 36.8



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

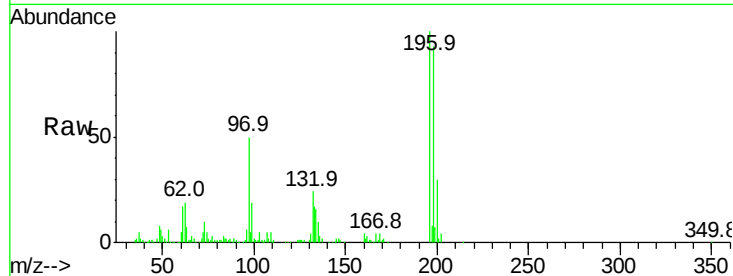




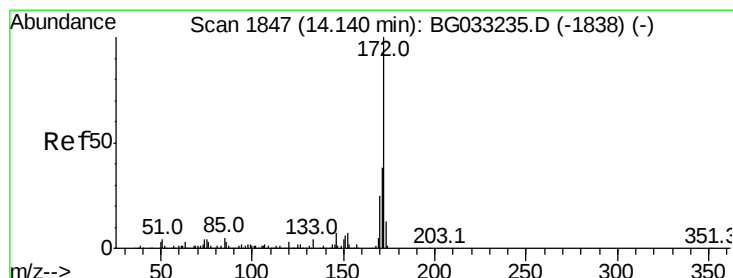
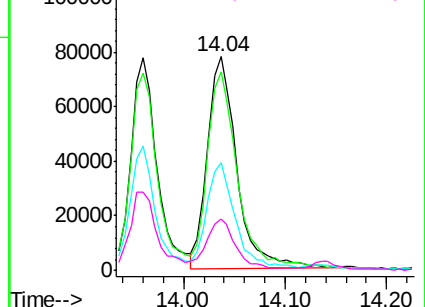
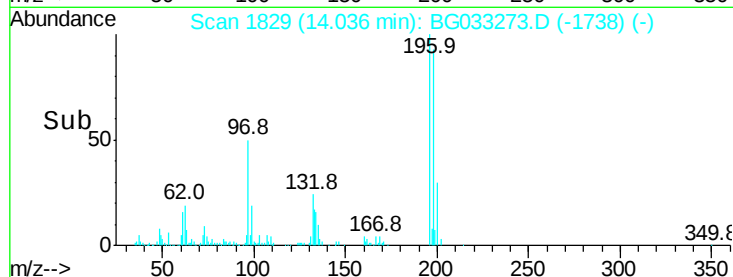
#43
2,4,5-Trichlorophenol
Concen: 46.617 ng
RT: 14.04 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 156434
Ion Ratio Lower Upper
196 100
198 92.7 76.2 114.4
97 50.1 38.7 58.1
132 23.9 20.2 30.2

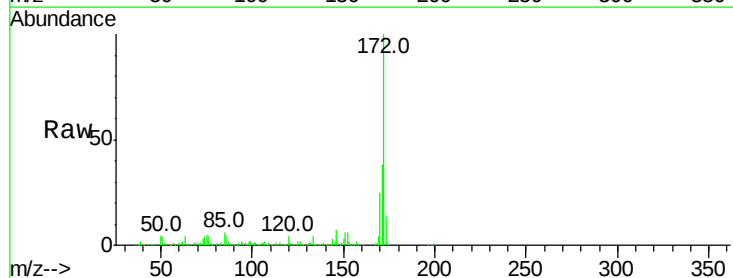


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

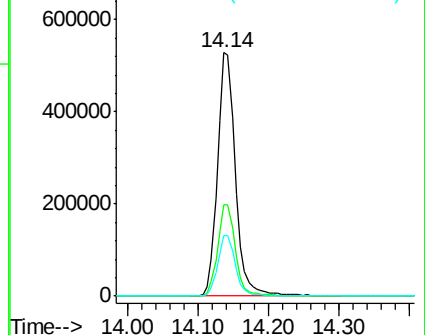
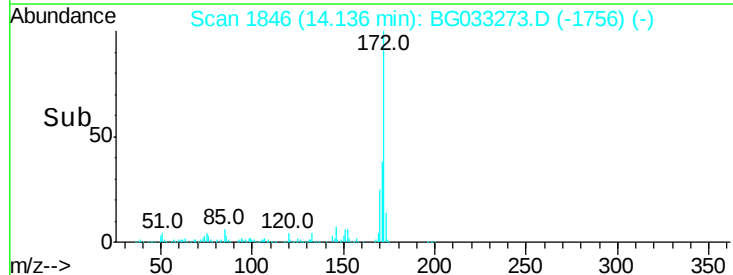


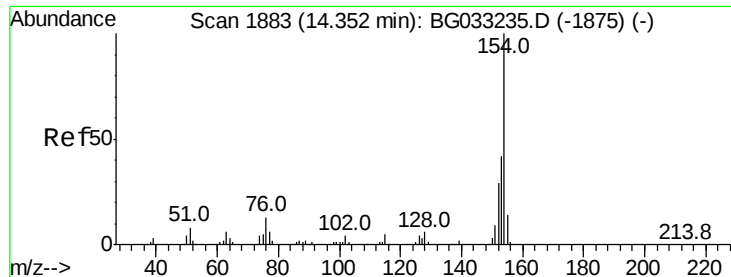
#44
2-Fluorobiphenyl
Concen: 100.174 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:172 Resp: 936082
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 25.1 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 42.725 ng

RT: 14.35 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

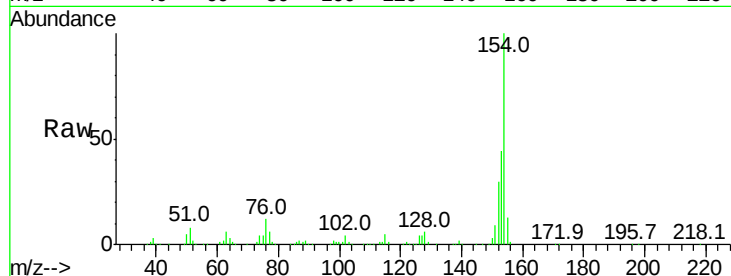
Tot Ion:154 Resp: 442805

Ion Ratio Lower Upper

154 100

153 43.6 19.8 59.8

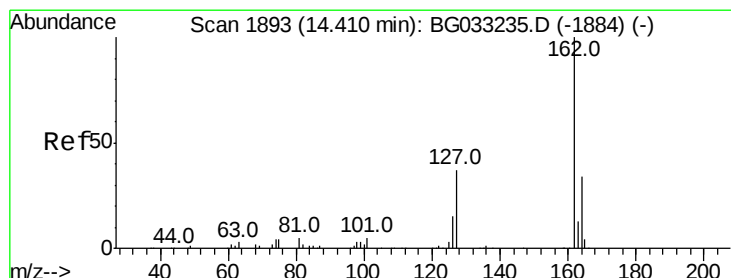
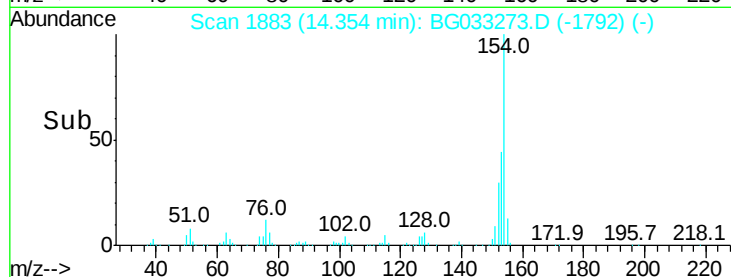
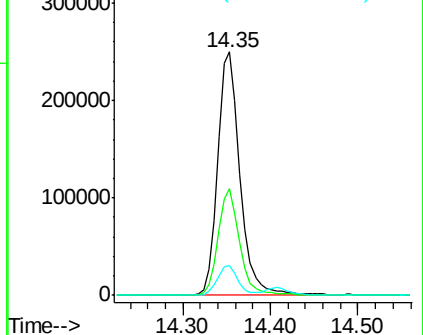
76 12.3 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 43.232 ng

RT: 14.41 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

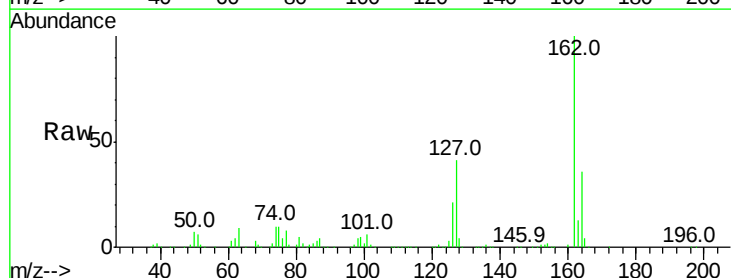
Tgt Ion:162 Resp: 345477

Ion Ratio Lower Upper

162 100

127 40.7 30.7 46.1

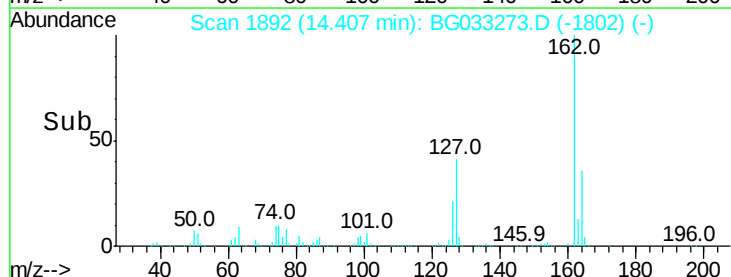
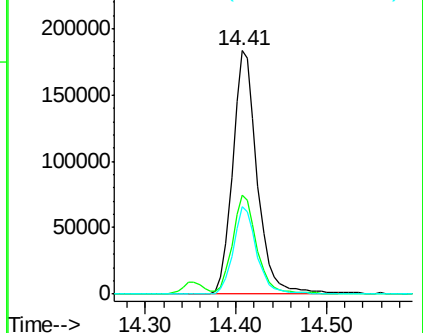
164 35.8 26.0 39.0

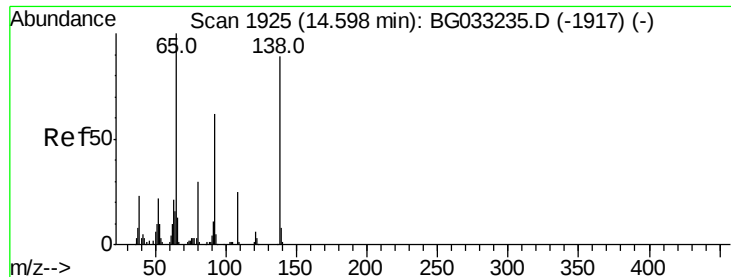


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.938 ng

RT: 14.60 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

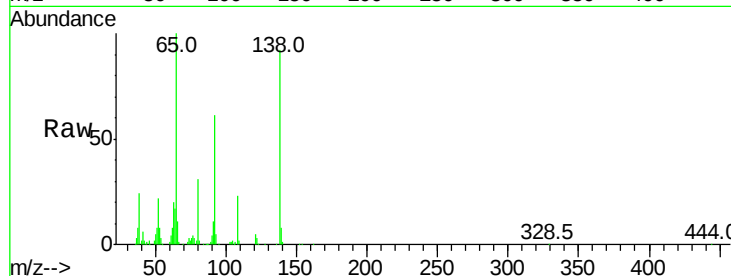
Tot Ion: 65 Resp: 137500

Ion Ratio Lower Upper

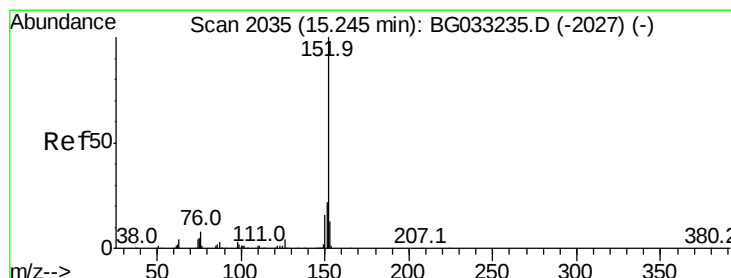
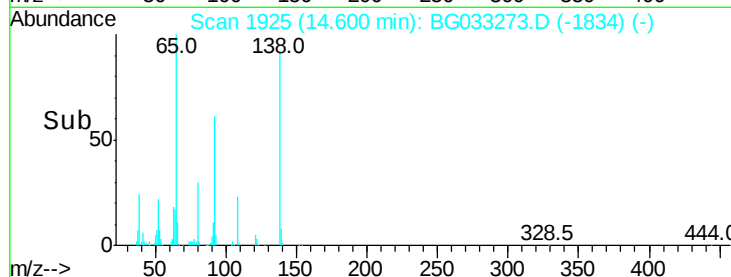
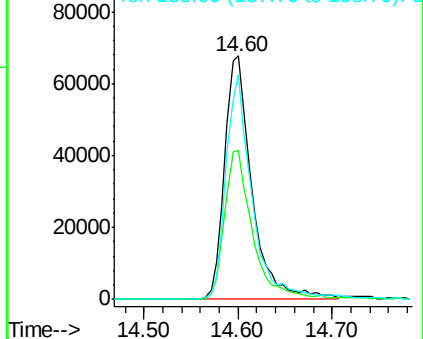
65 100

92 61.1 54.6 82.0

138 92.0 72.9 109.3



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



#48

Acenaphthylene

Concen: 42.394 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

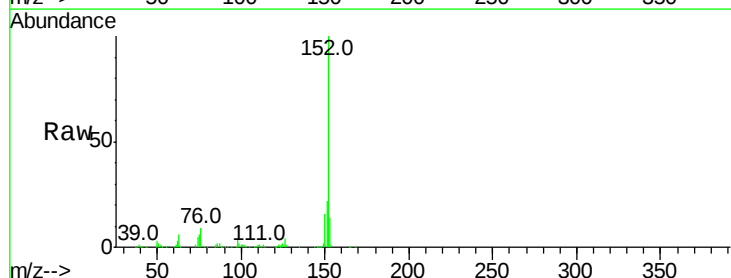
Tgt Ion: 152 Resp: 565494

Ion Ratio Lower Upper

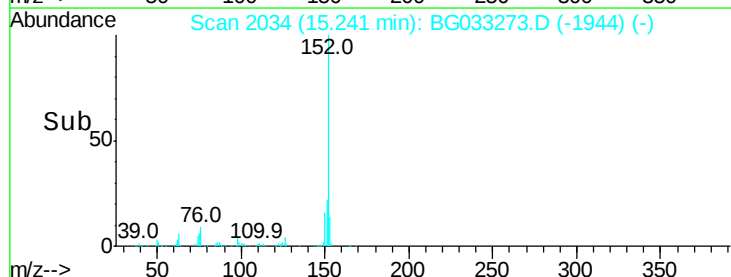
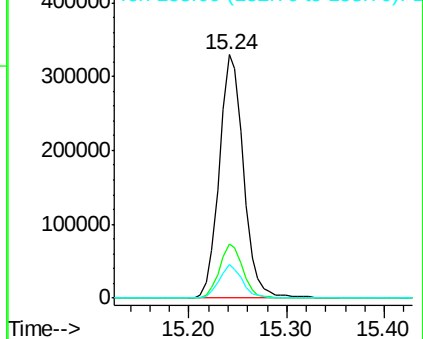
152 100

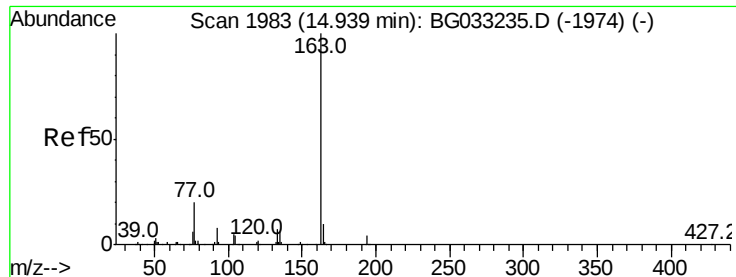
151 22.1 17.2 25.8

153 14.0 10.2 15.4



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





#49

Dimethylphthalate

Concen: 41.970 ng

RT: 14.94 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

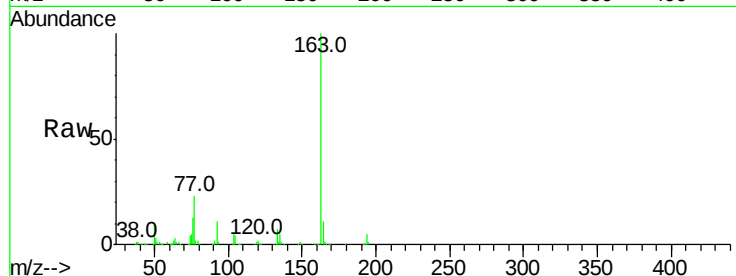
Tot Ion:163 Resp: 492735

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

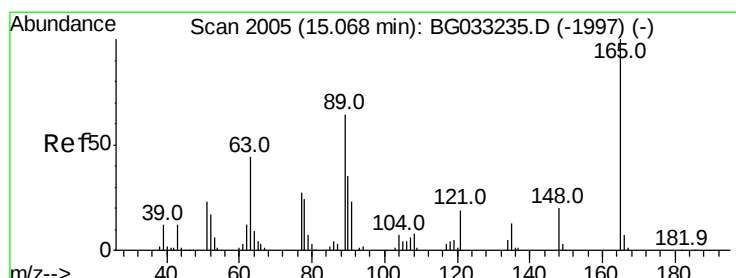
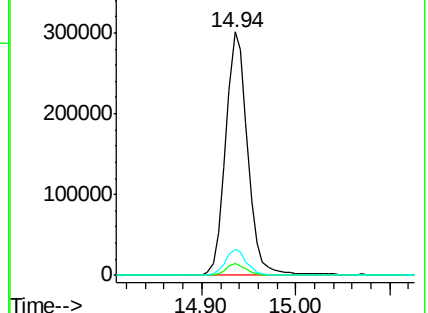
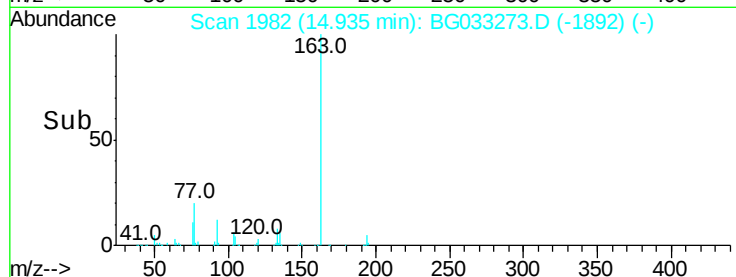
164 10.5 8.2 12.4



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: 45.320 ng

RT: 15.07 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

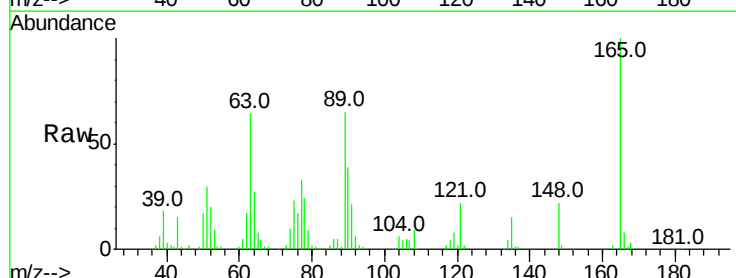
Tgt Ion:165 Resp: 108792

Ion Ratio Lower Upper

165 100

63 63.7 52.7 79.1

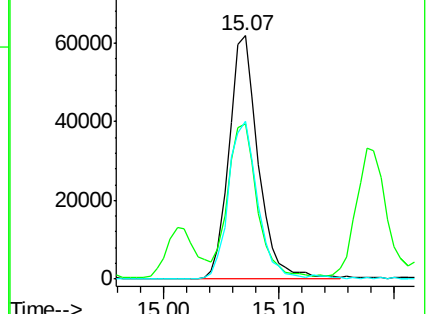
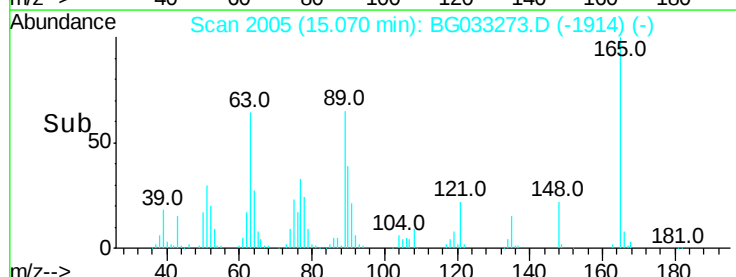
89 65.1 49.2 73.8

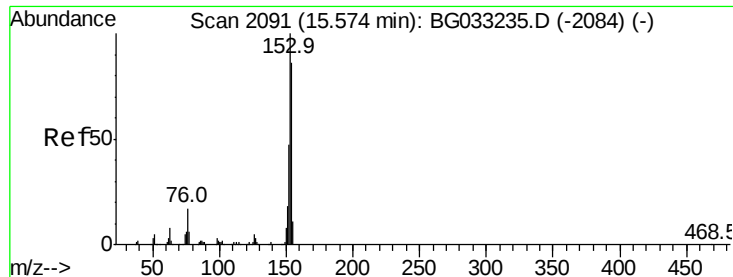


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.348 ng

RT: 15.58 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

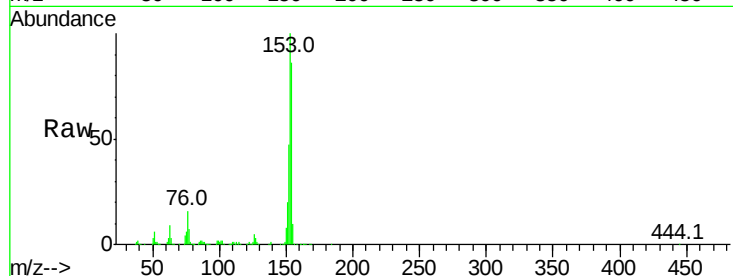
Tot Ion:154 Resp: 424338

Ion Ratio Lower Upper

154 100

153 116.3 90.4 135.6

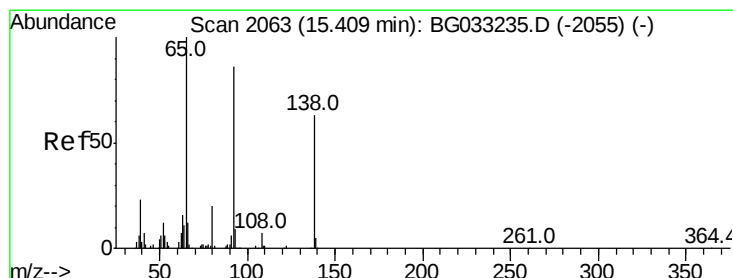
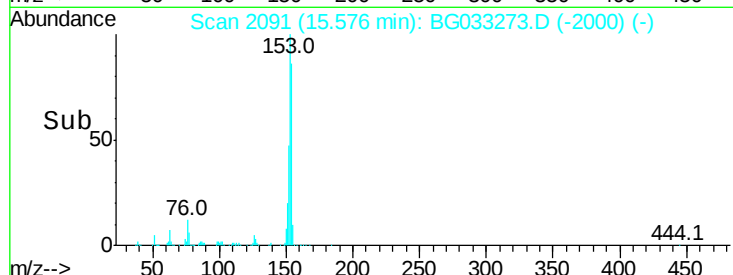
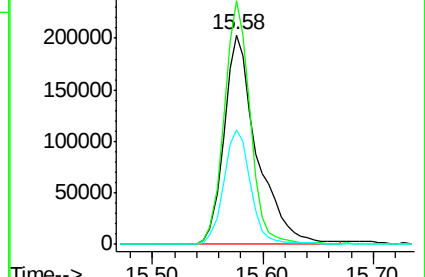
152 54.8 41.6 62.4



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: 23.825 ng

RT: 15.41 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

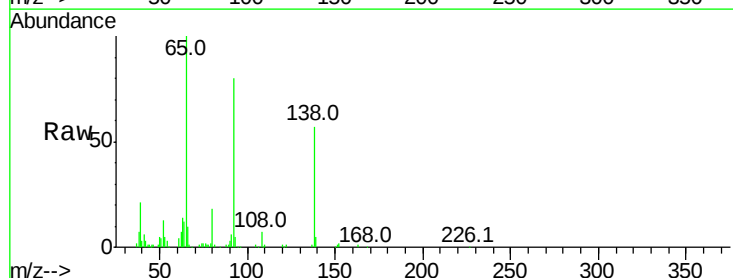
Tgt Ion:138 Resp: 59961

Ion Ratio Lower Upper

138 100

108 11.7 17.5 26.3#

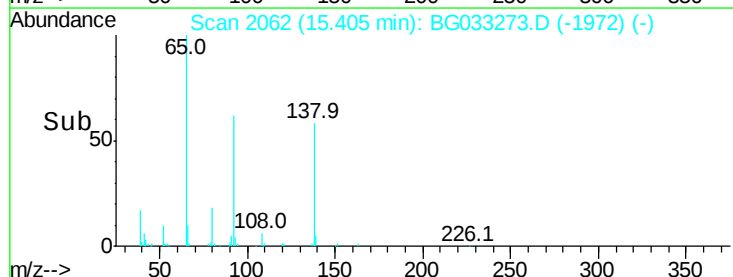
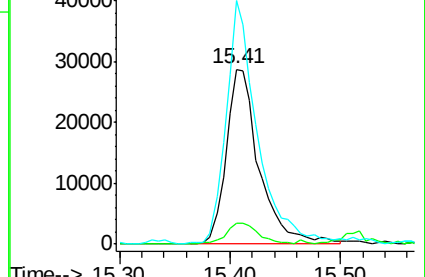
92 139.4 105.8 158.8

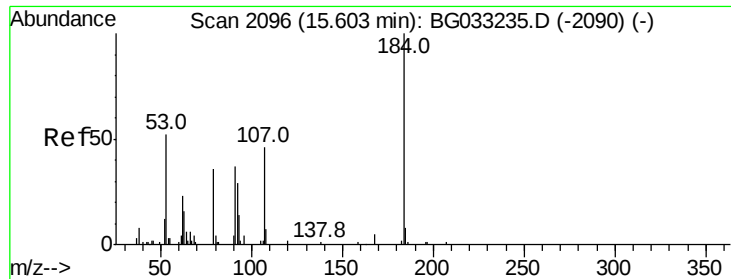


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

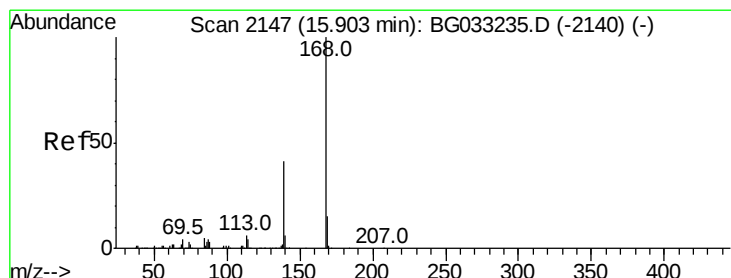
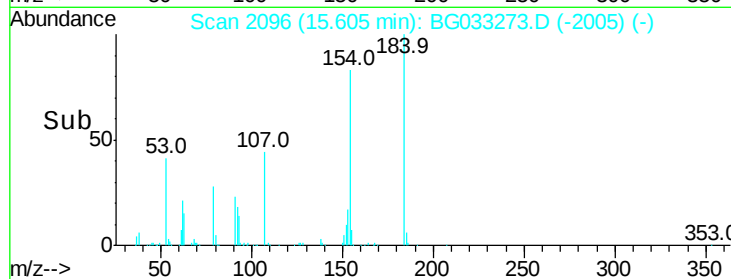
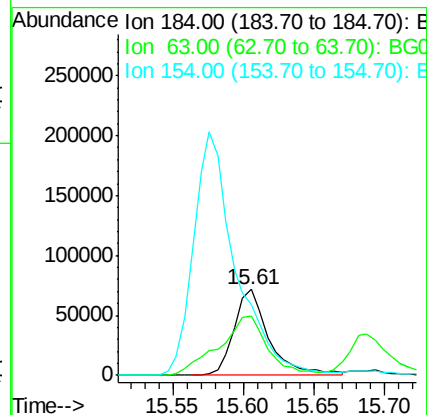
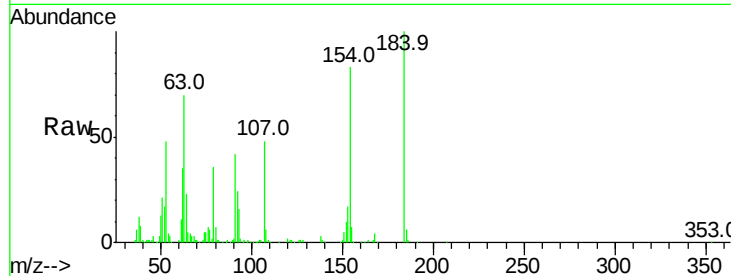




#53
2,4-Dinitrophenol
Concen: 97.678 ng
RT: 15.61 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

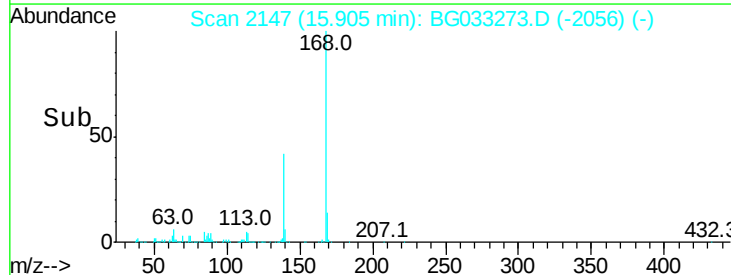
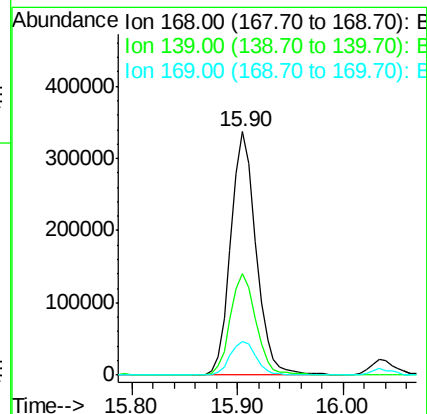
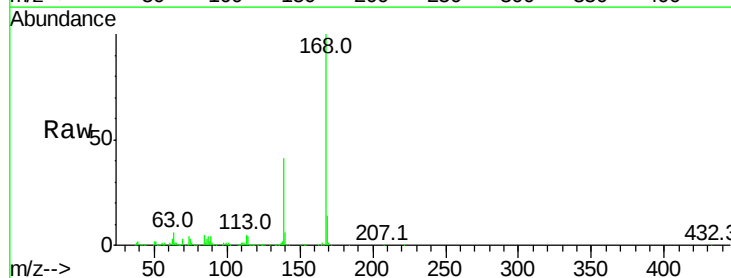
Instrument :
BNA_F
ClientSampleId :

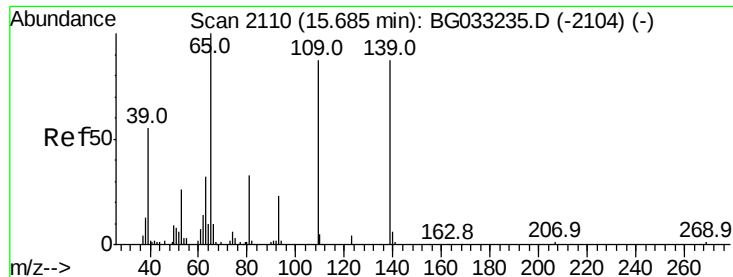
Tot Ion:184 Resp: 123747
Ion Ratio Lower Upper
184 100
63 69.6 59.8 89.8
154 82.9 101.8 152.8#



#54
Dibenzofuran
Concen: 44.059 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:168 Resp: 559620
Ion Ratio Lower Upper
168 100
139 41.5 28.6 43.0
169 13.8 11.2 16.8

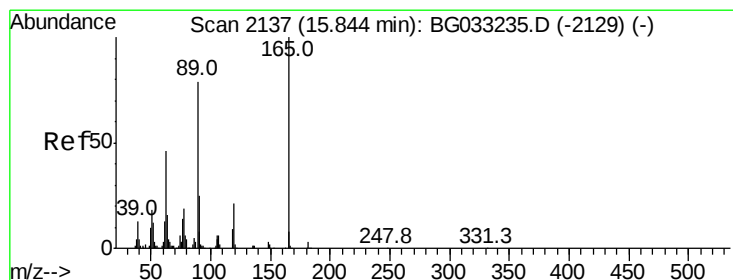
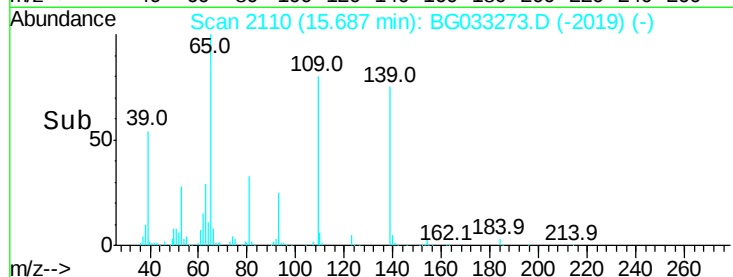
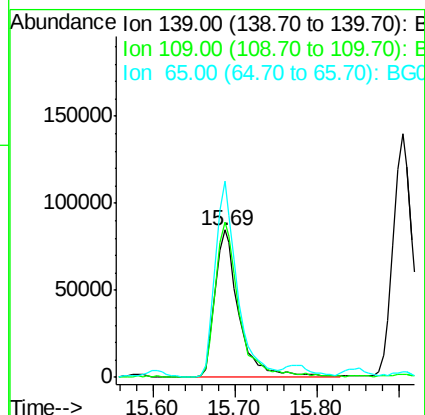
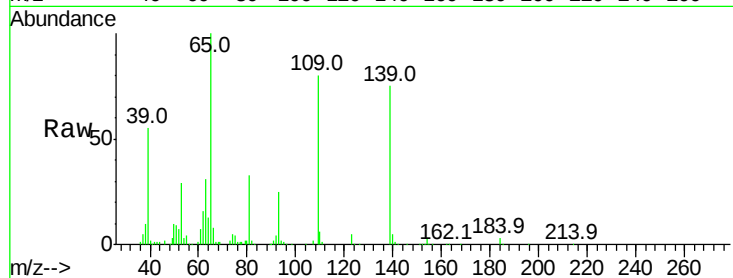




#55
4-Nitrophenol
Concen: 97.765 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

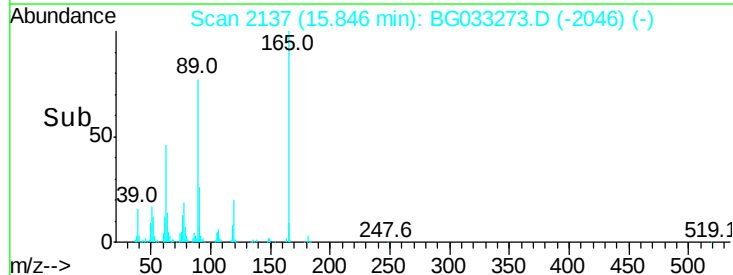
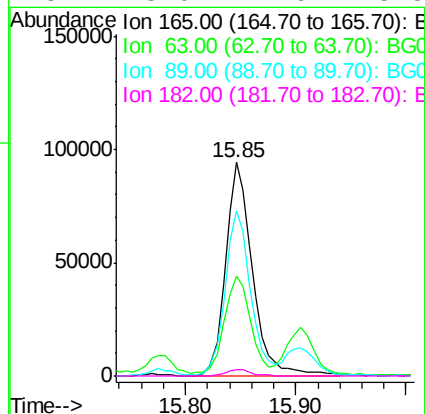
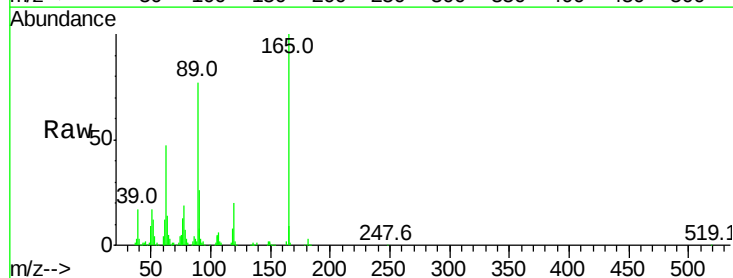
Instrument :
BNA_F
ClientSampleId :

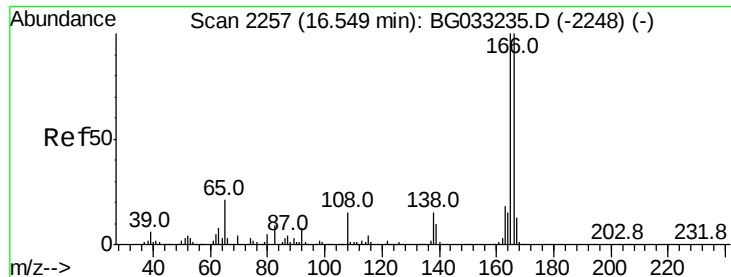
Tot Ion:139 Resp: 173012
Ion Ratio Lower Upper
139 100
109 105.9 62.2 102.2#
65 133.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 44.760 ng
RT: 15.85 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:165 Resp: 158206
Ion Ratio Lower Upper
165 100
63 46.8 42.0 63.0
89 77.5 66.9 100.3
182 3.0 2.6 3.8





#57

Fluorene

Concen: 42.986 ng

RT: 16.55 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

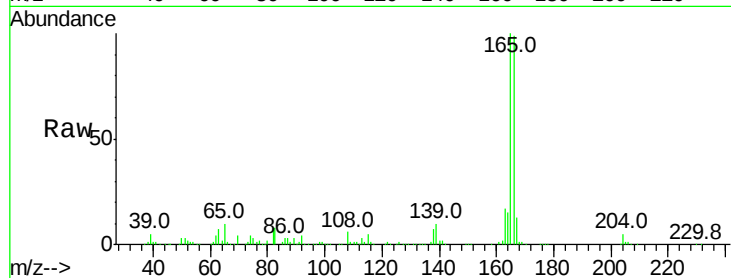
Tot Ion:166 Resp: 465141

Ion Ratio Lower Upper

166 100

165 100.7 80.6 121.0

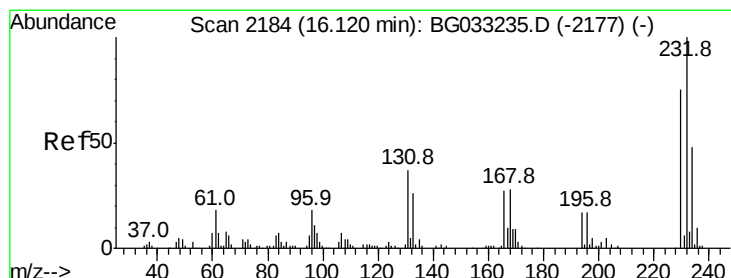
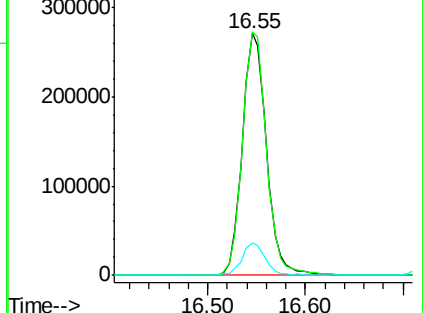
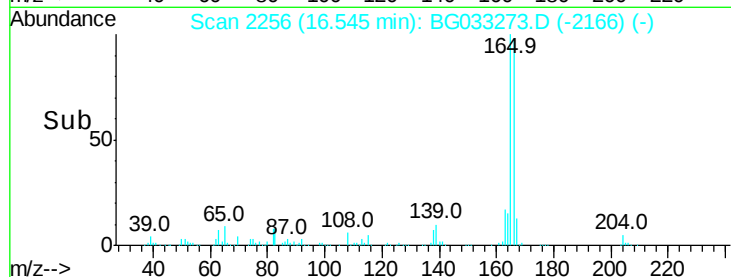
167 13.4 10.4 15.6



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: 50.028 ng

RT: 16.12 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Tgt Ion:232 Resp: 158048

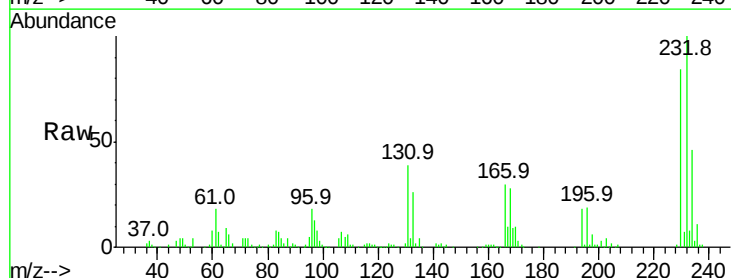
Ion Ratio Lower Upper

232 100

131 39.3 33.5 50.3

130 2.2 2.2 3.2

166 28.6 24.8 37.2

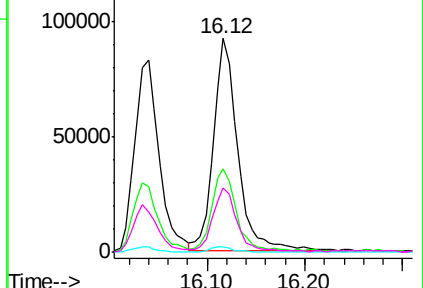
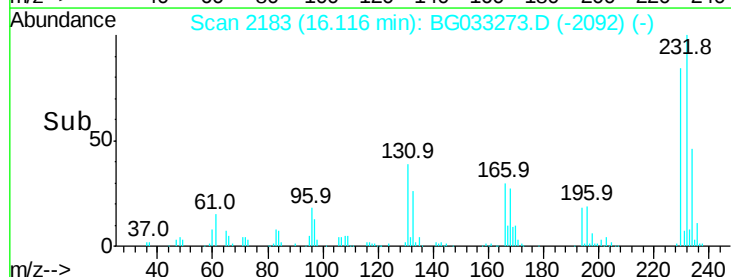


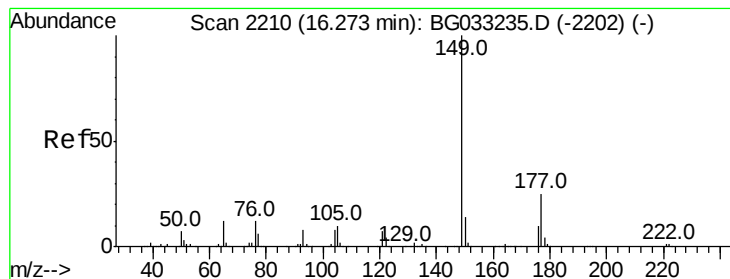
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.572 ng

RT: 16.27 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampled :

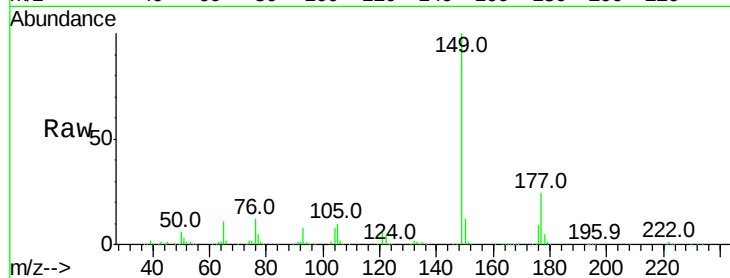
Tot Ion:149 Resp: 485316

Ion Ratio Lower Upper

149 100

177 24.3 18.5 27.7

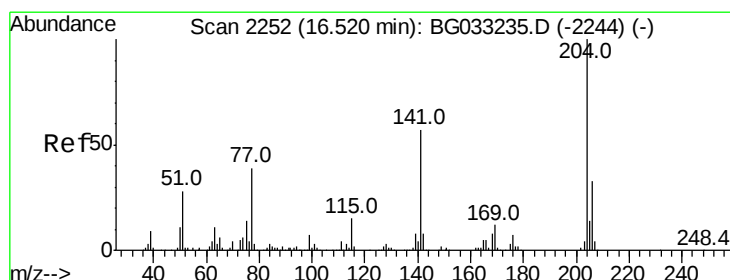
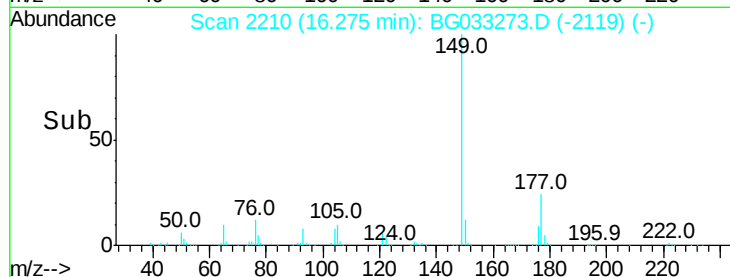
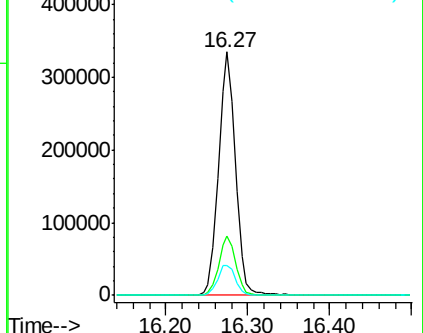
150 12.5 10.2 15.2



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: 43.166 ng

RT: 16.52 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

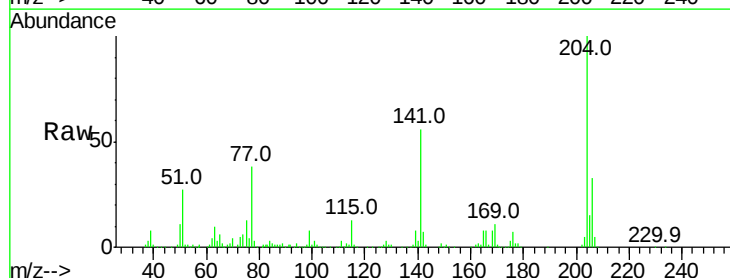
Tgt Ion:204 Resp: 268501

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

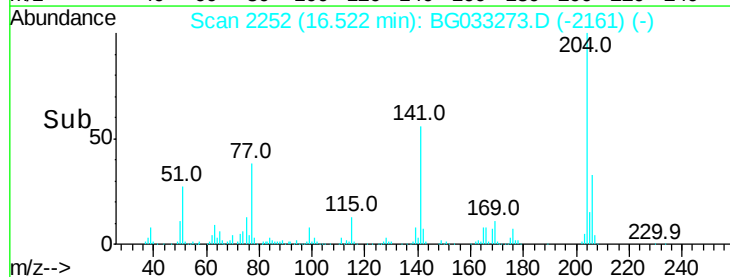
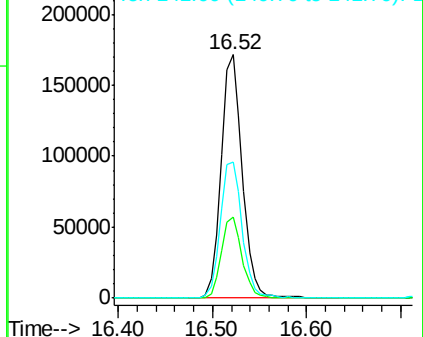
141 55.8 45.8 68.6

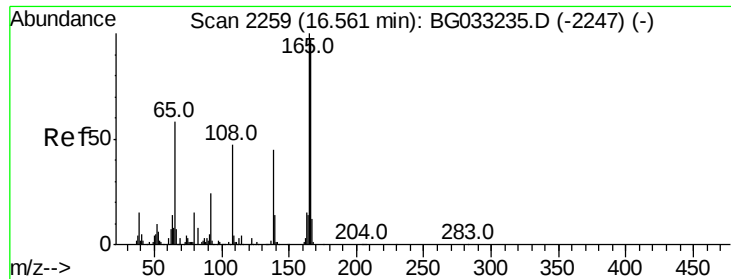


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

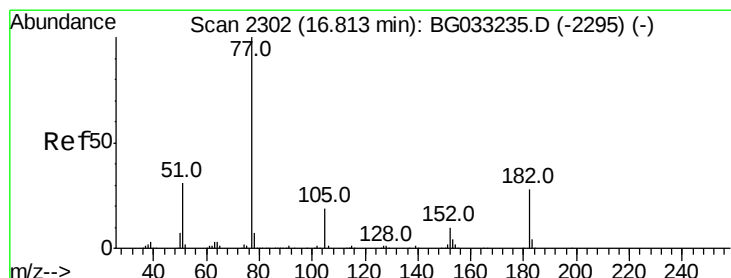
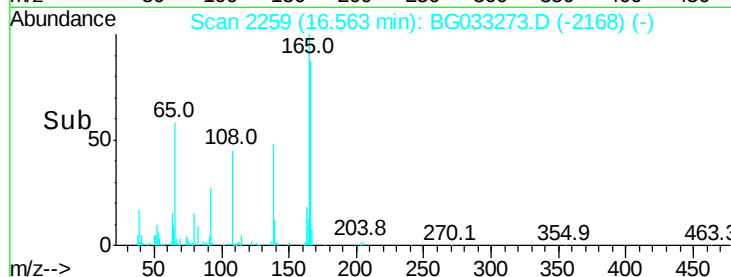
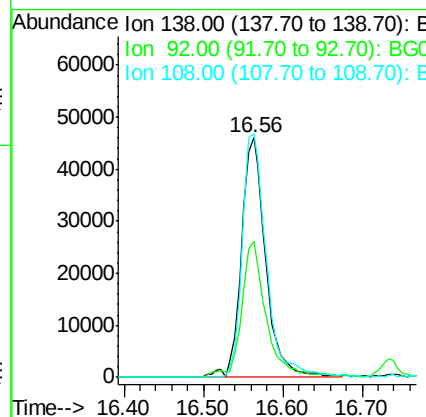
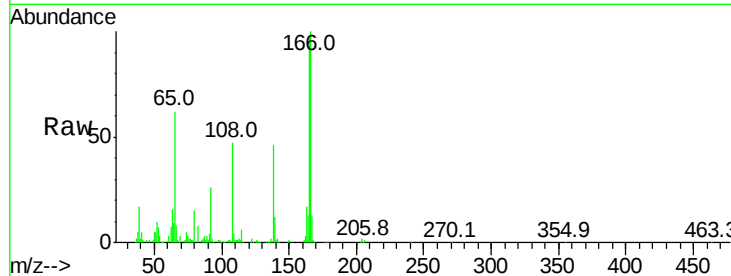




#61
4-Nitroaniline
Concen: 38.273 ng
RT: 16.56 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

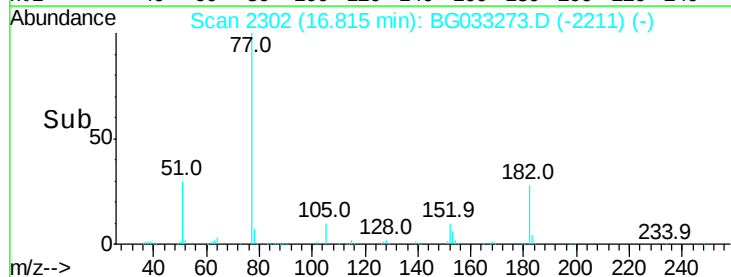
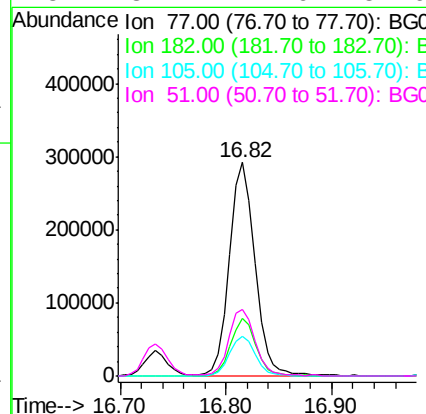
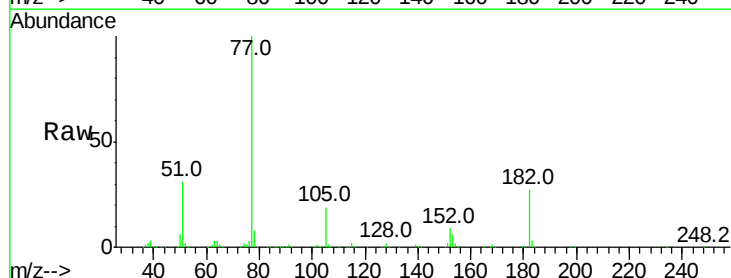
Instrument :
BNA_F
ClientSampleId :

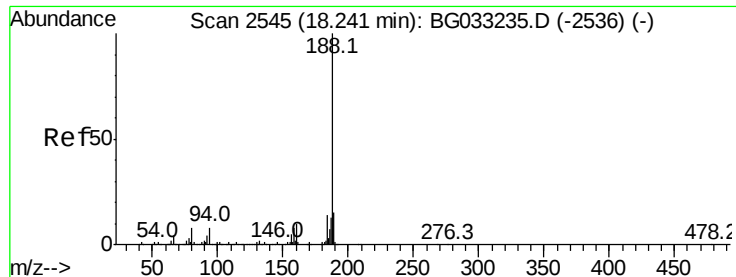
Tot Ion:138 Resp: 97541
Ion Ratio Lower Upper
138 100
92 57.0 40.1 80.1
108 101.8 65.4 105.4



#62
Azobenzene
Concen: 44.073 ng
RT: 16.82 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion: 77 Resp: 486696
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 18.7 0.3 40.3
51 31.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

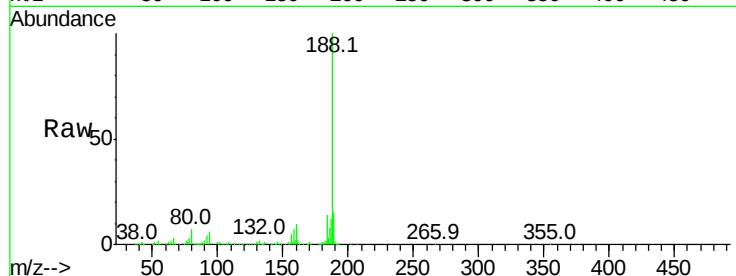
Tot Ion:188 Resp: 331548

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

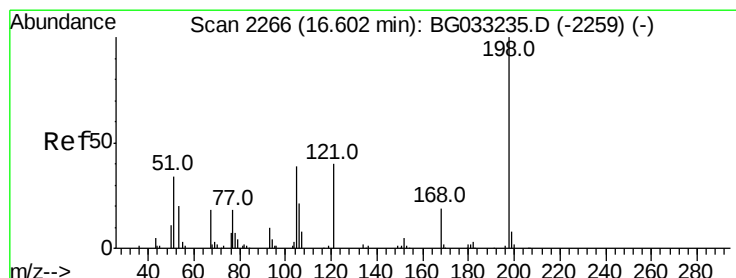
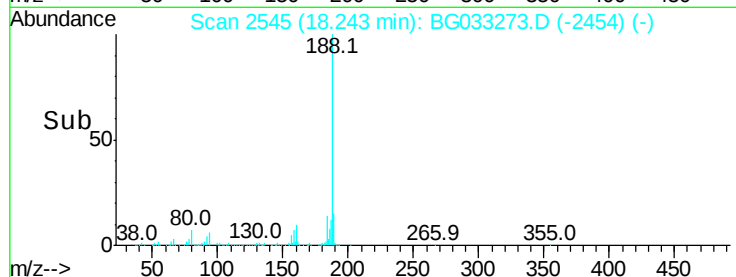
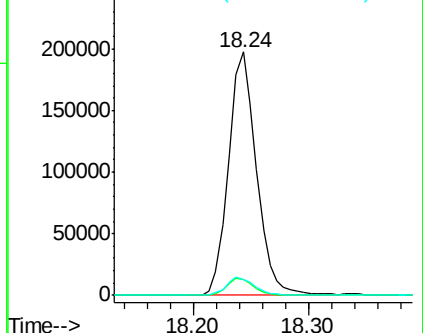
80 6.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.230 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

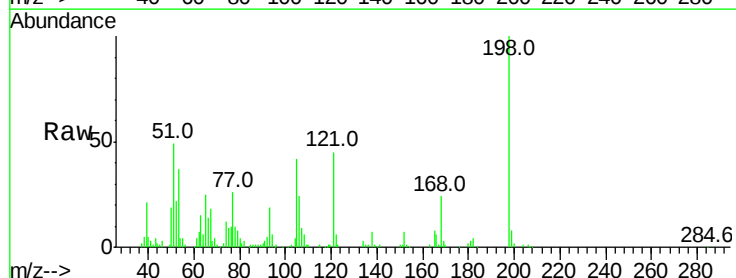
Tgt Ion:198 Resp: 87727

Ion Ratio Lower Upper

198 100

51 49.2 30.6 70.6

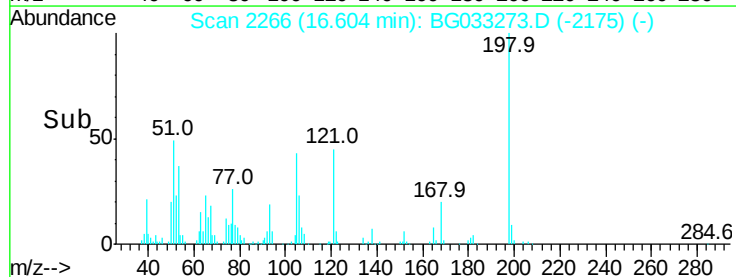
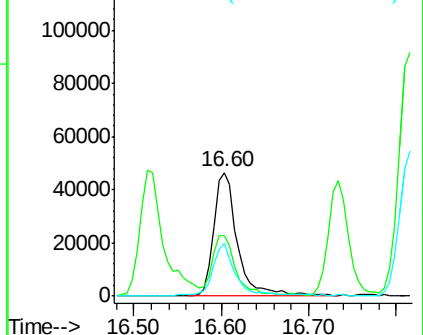
105 42.5 23.8 63.8

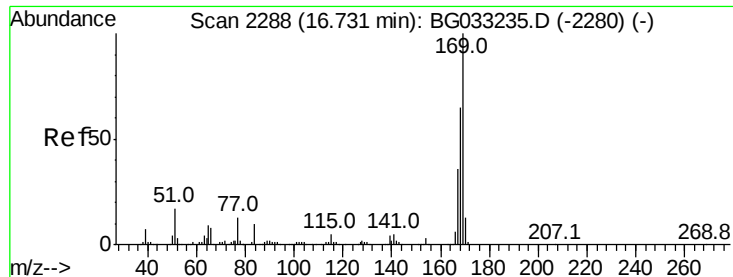


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.004 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

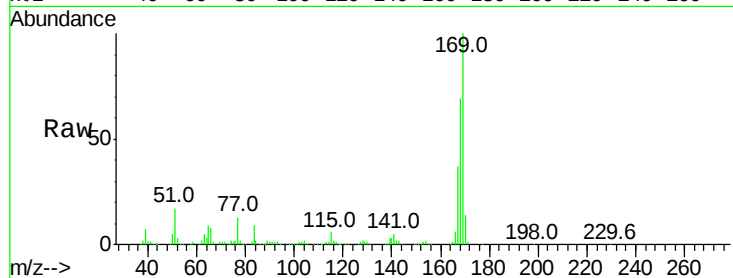
Tot Ion:169 Resp: 425972

Ion Ratio Lower Upper

169 100

168 68.5 55.7 83.5

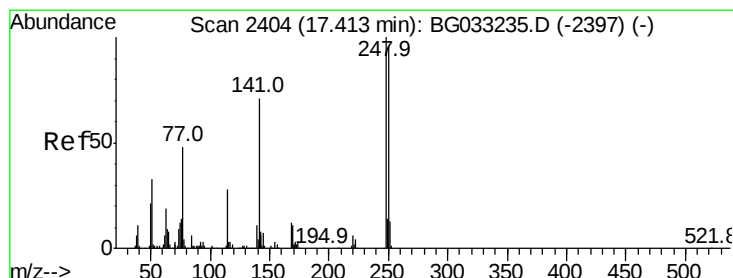
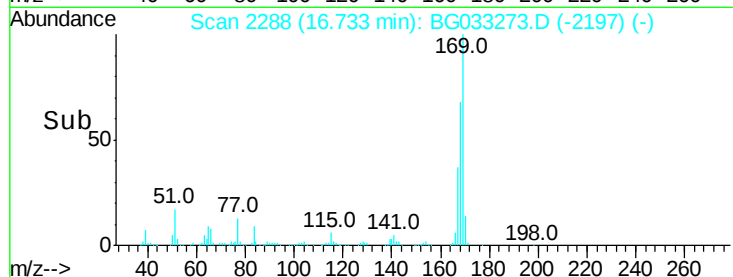
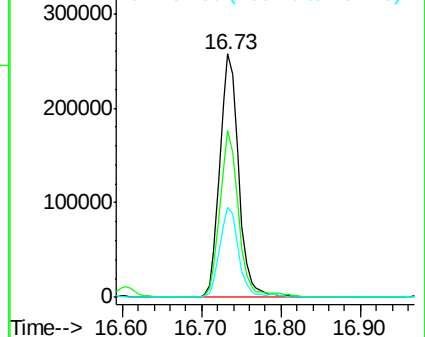
167 36.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.555 ng

RT: 17.41 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

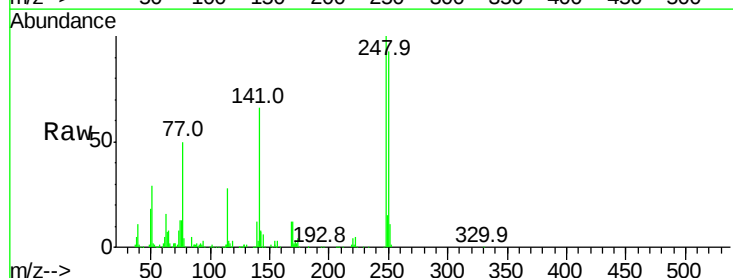
Tgt Ion:248 Resp: 181272

Ion Ratio Lower Upper

248 100

250 92.7 77.1 115.7

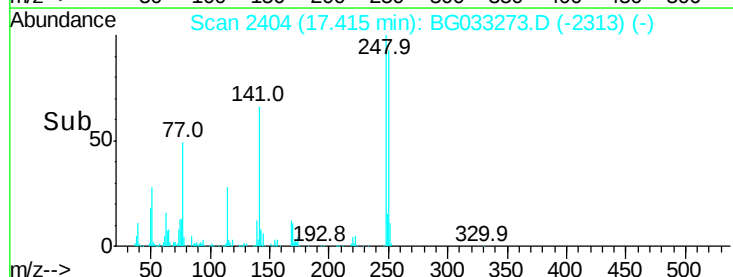
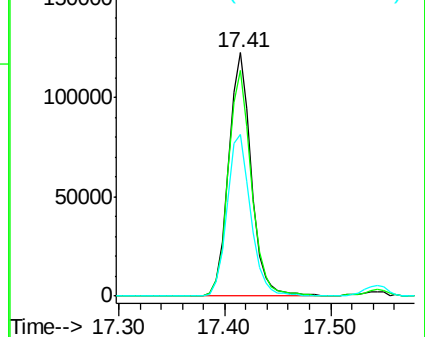
141 66.2 50.8 76.2

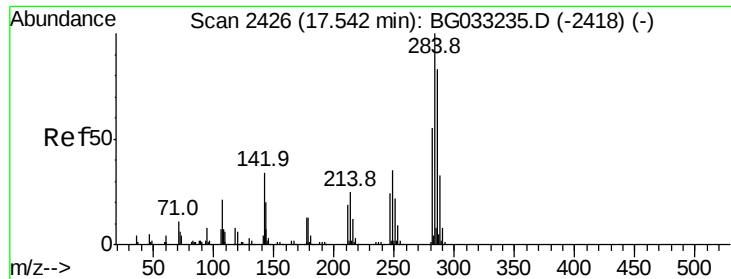


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.235 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

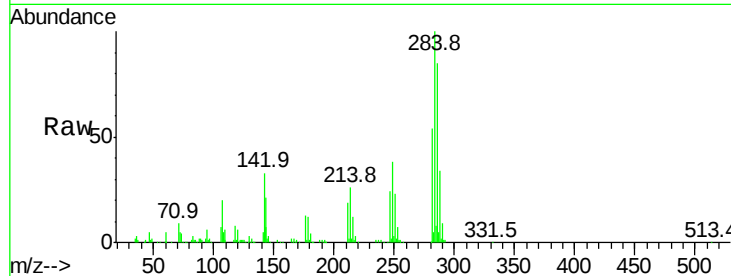
Instrument :

BNA_F

ClientSampled :

Tot Ion:284 Resp: 181777

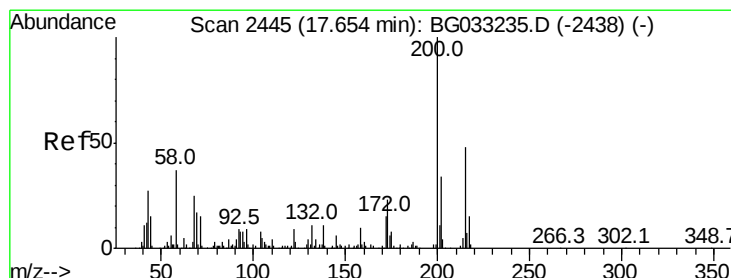
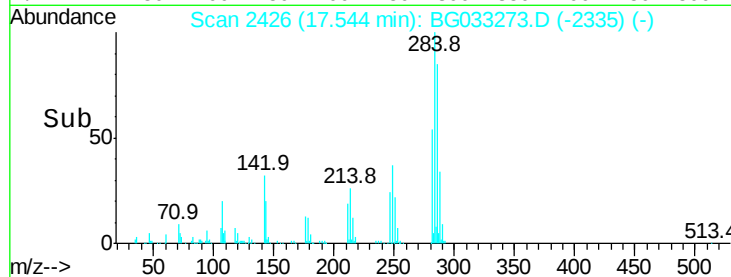
Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.8	40.2
249	37.6	26.3	39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.067 ng

RT: 17.65 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

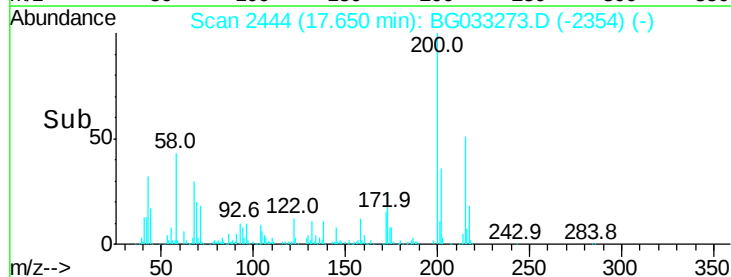
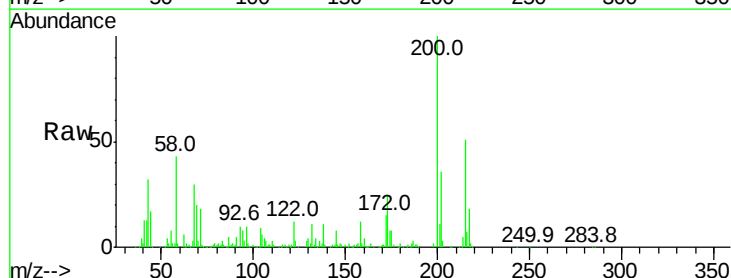
Tgt Ion:200 Resp: 176691

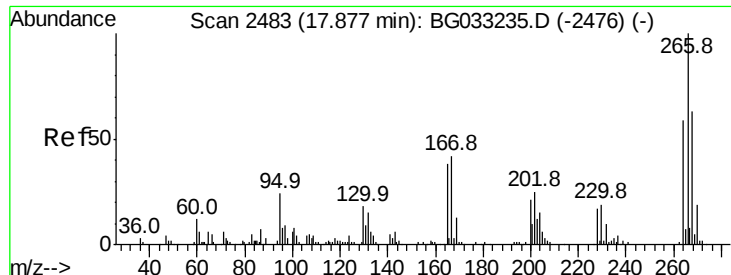
Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.2	45.2
215	51.4	30.4	70.4

Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 85.593 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

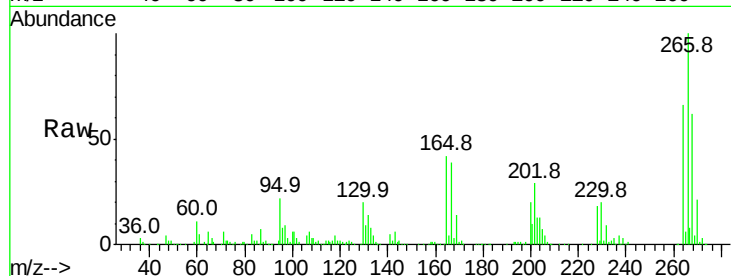
Tot Ion:266 Resp: 241410

Ion Ratio Lower Upper

266 100

268 62.4 51.1 76.7

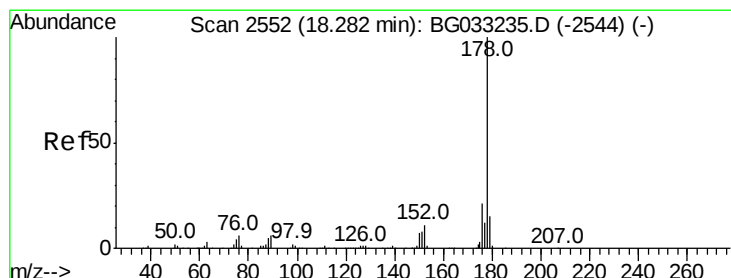
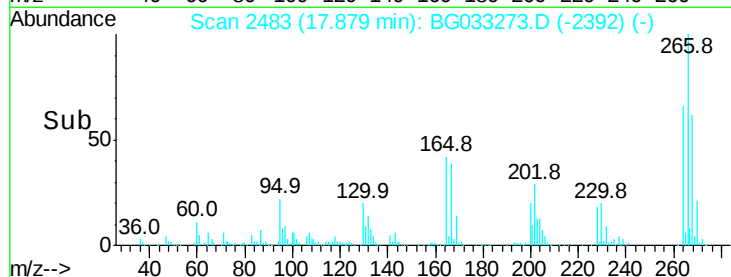
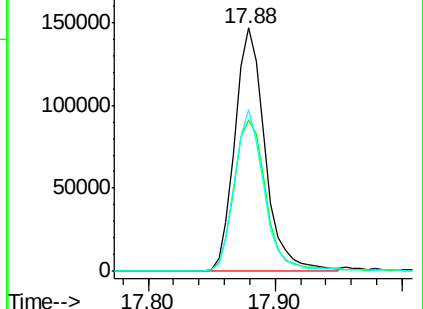
264 66.4 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.815 ng

RT: 18.28 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

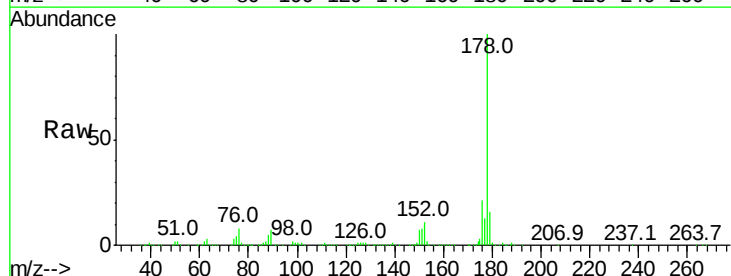
Tgt Ion:178 Resp: 773814

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

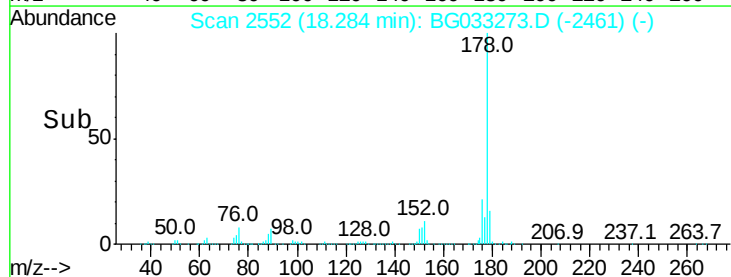
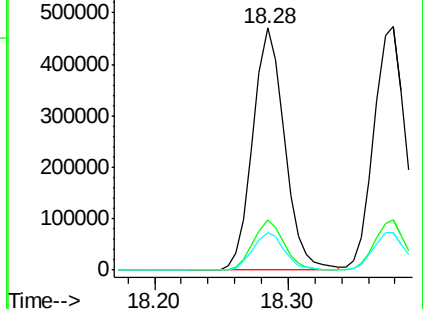
179 15.6 12.5 18.7

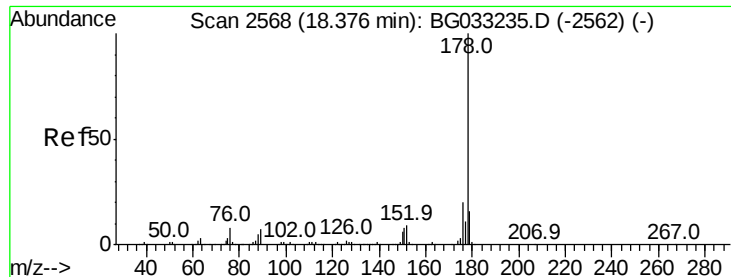


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

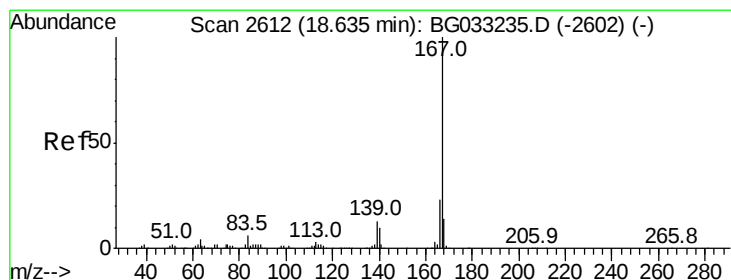
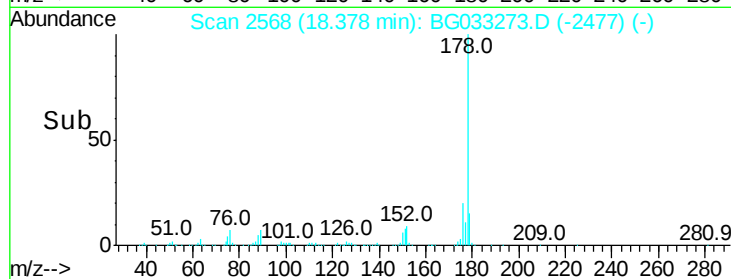
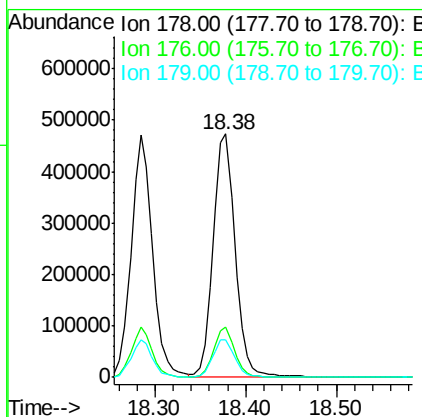
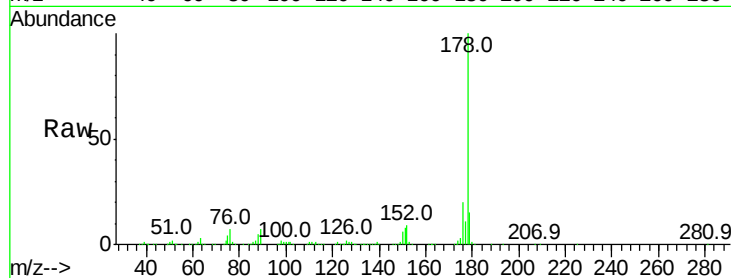




#71
 Anthracene
 Concen: 45.658 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG033273.D
 Acq: 20 Mar 2018 18:34

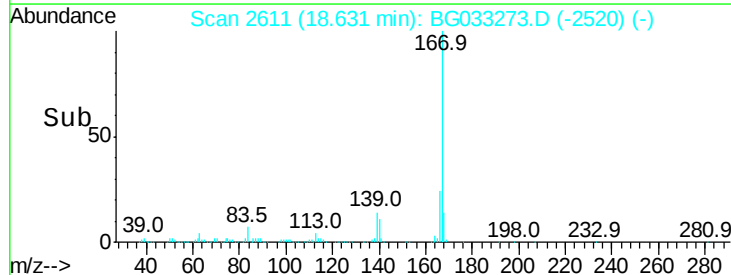
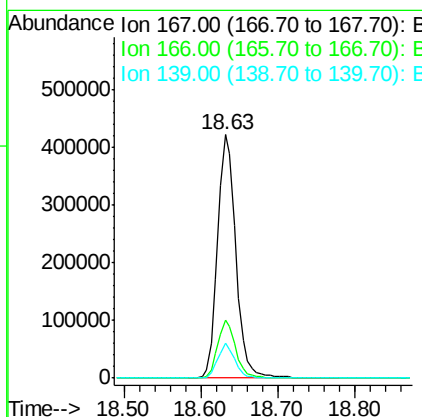
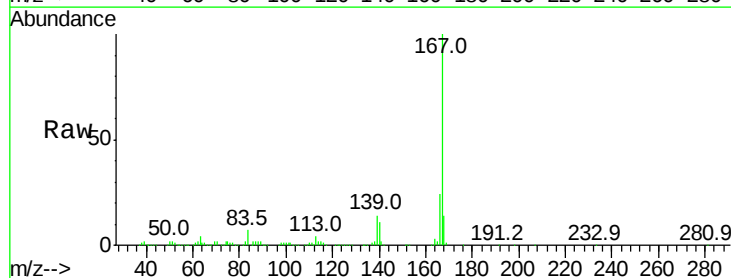
Instrument :
 BNA_F
 ClientSampleId :

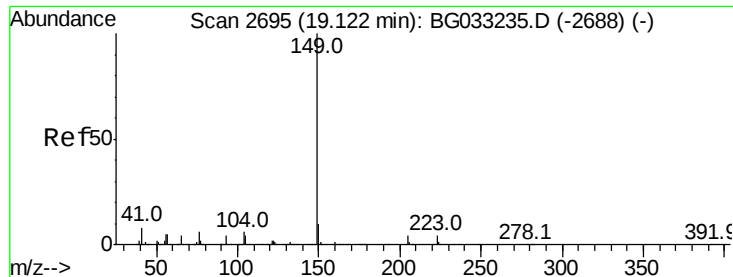
Tot Ion:178 Resp: 798249
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 15.4 12.5 18.7



#72
 Carbazole
 Concen: 44.509 ng
 RT: 18.63 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: BG033273.D
 Acq: 20 Mar 2018 18:34

Tgt Ion:167 Resp: 689559
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 14.5 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 45.028 ng

RT: 19.12 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

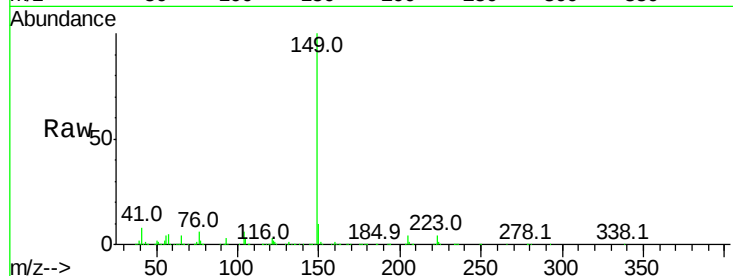
Tot Ion:149 Resp: 811973

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

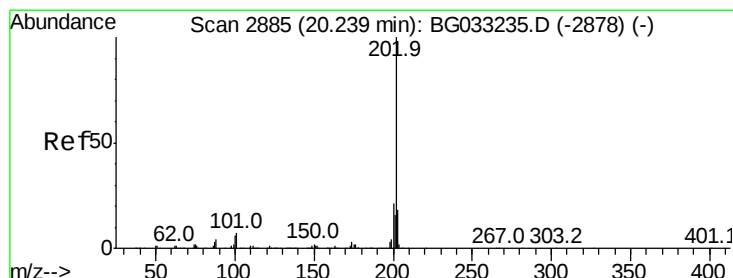
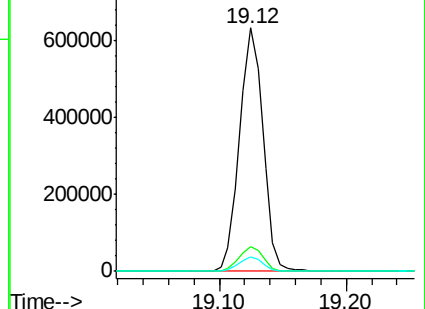
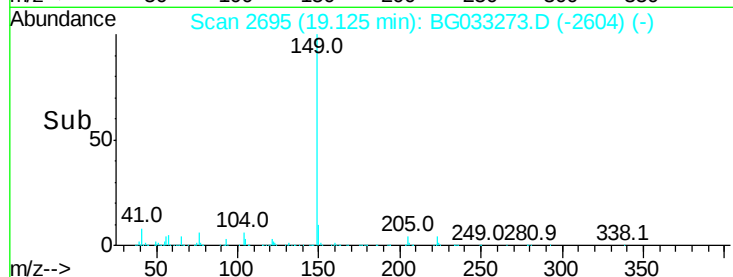
104 5.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.735 ng

RT: 20.24 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

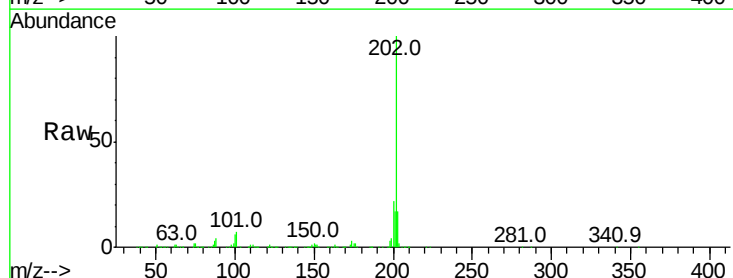
Tgt Ion:202 Resp: 977255

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.9

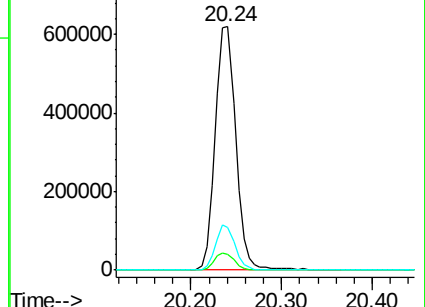
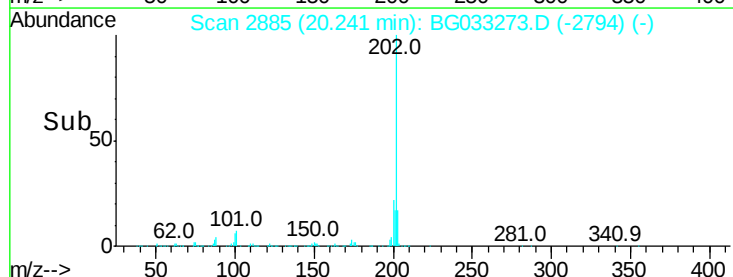
203 17.3 0.0 37.5

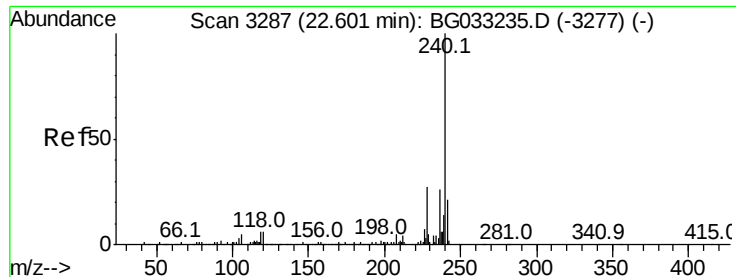


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

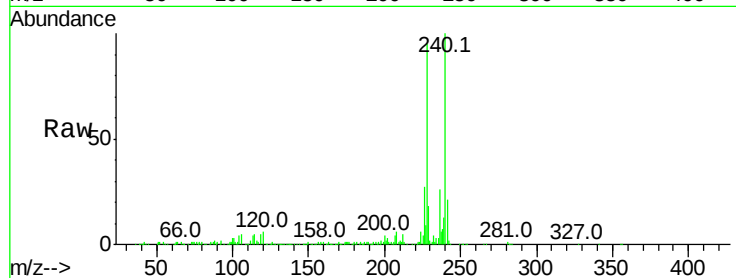
Tot Ion:240 Resp: 333391

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

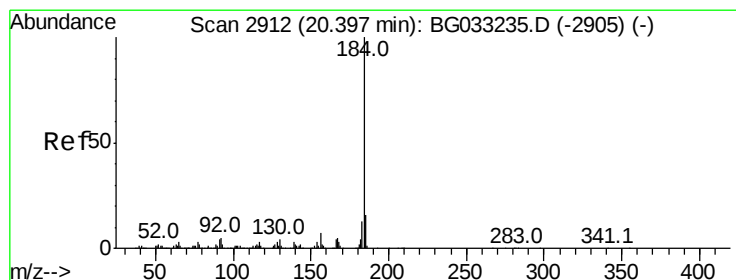
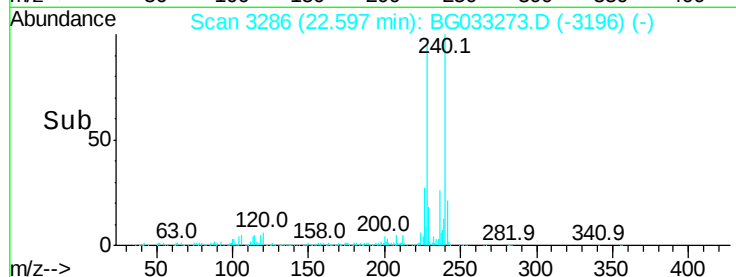
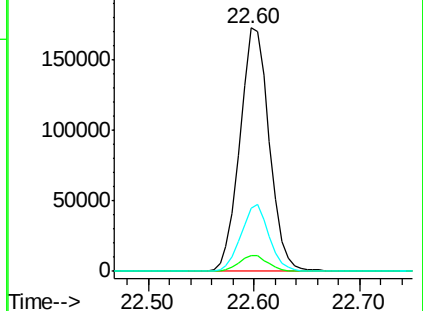
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.968 ng

RT: 20.40 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

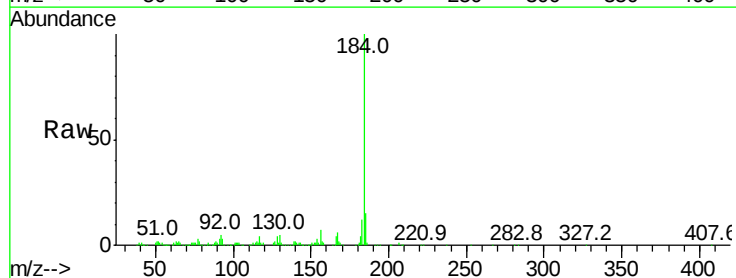
Tgt Ion:184 Resp: 298070

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

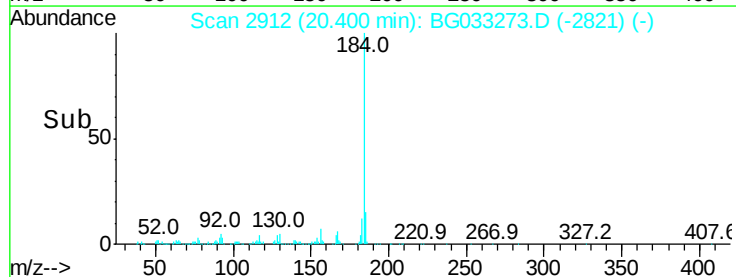
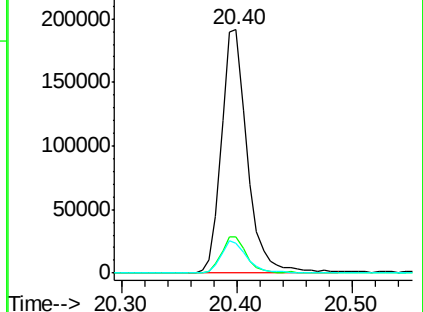
183 12.3 10.6 16.0

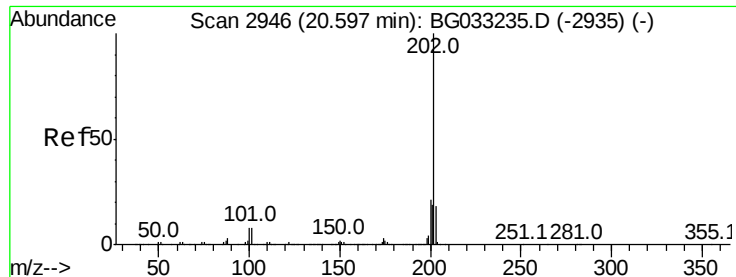


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.700 ng

RT: 20.59 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

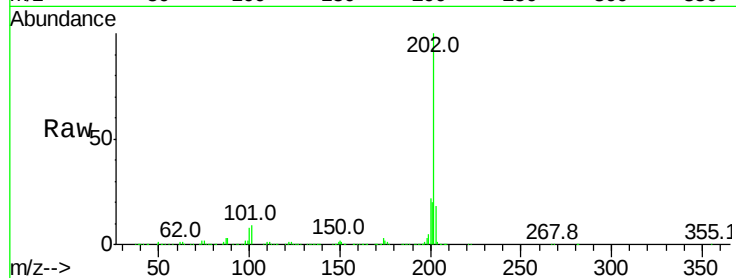
Tot Ion:202 Resp: 971673

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

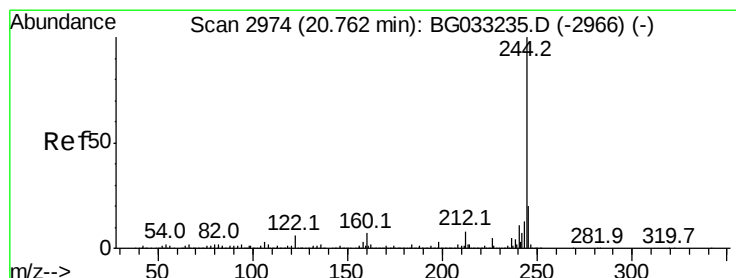
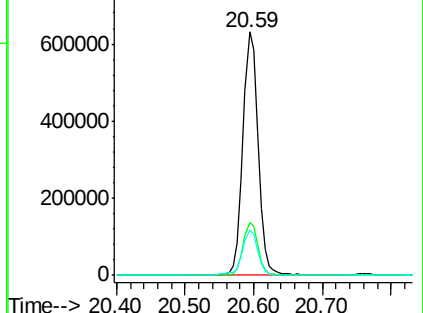
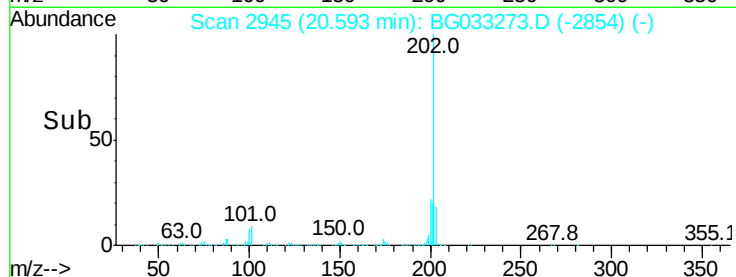
203 18.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.241 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

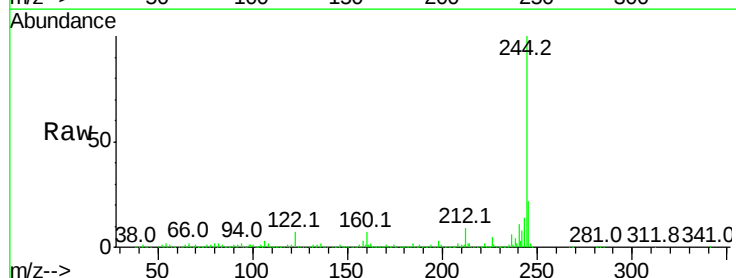
Tgt Ion:244 Resp: 1578263

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

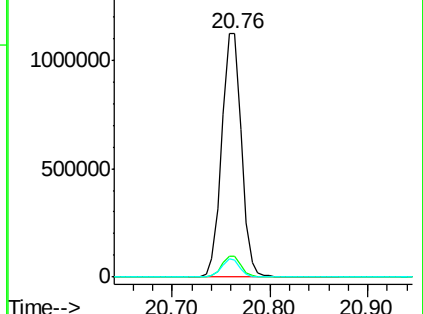
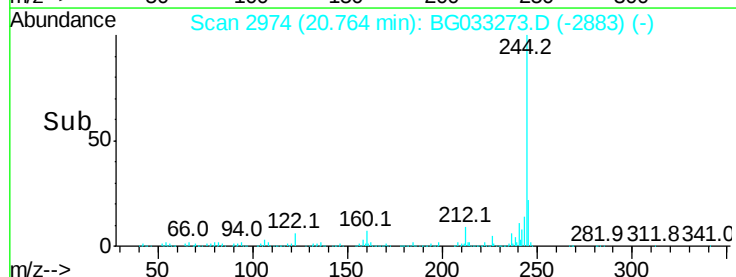
122 6.7 7.0 10.4#

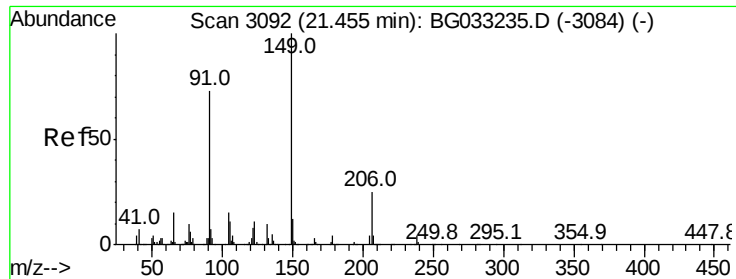


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

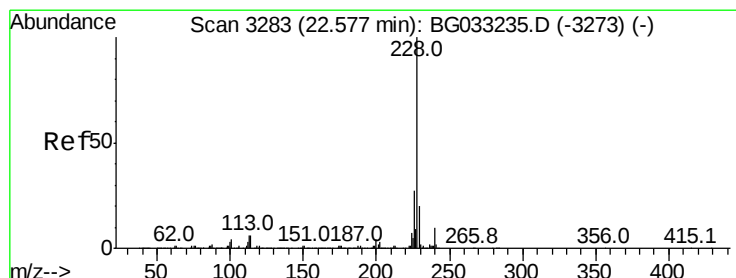
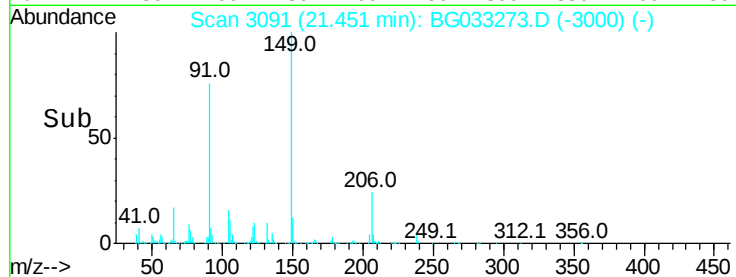
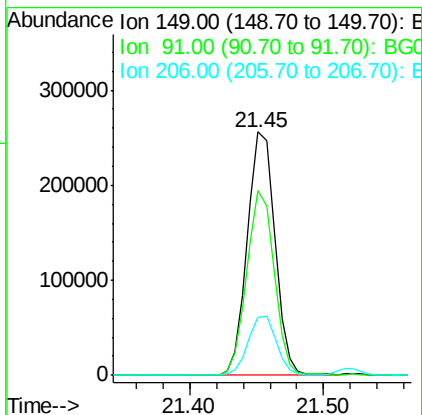
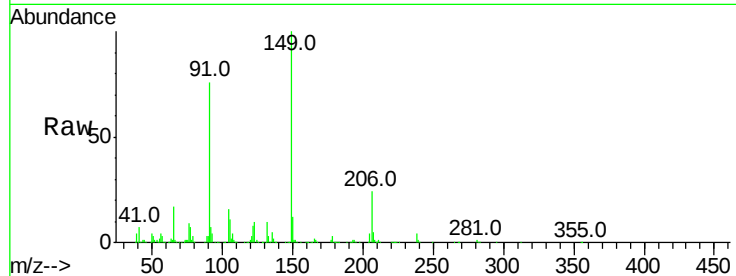




#79
Butylbenzylphthalate
Concen: 44.808 ng
RT: 21.45 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

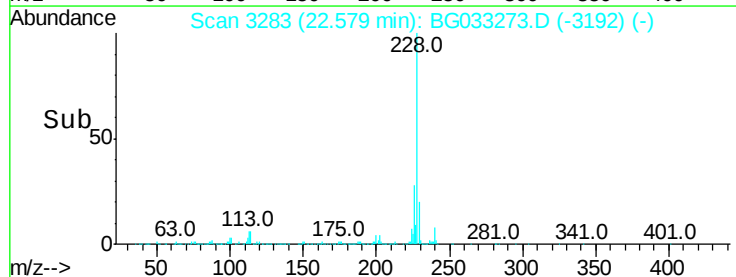
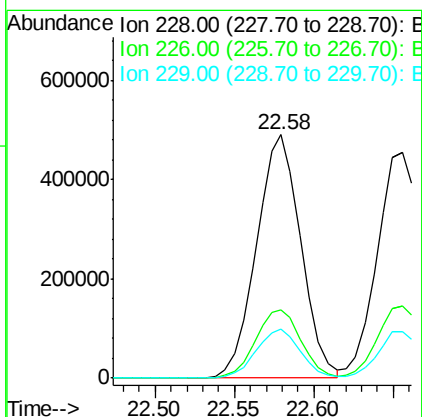
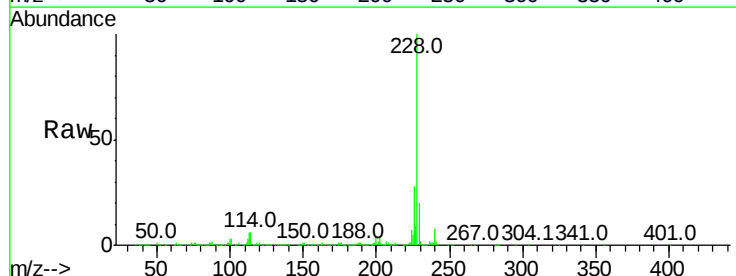
Instrument :
BNA_F
ClientSampleId :

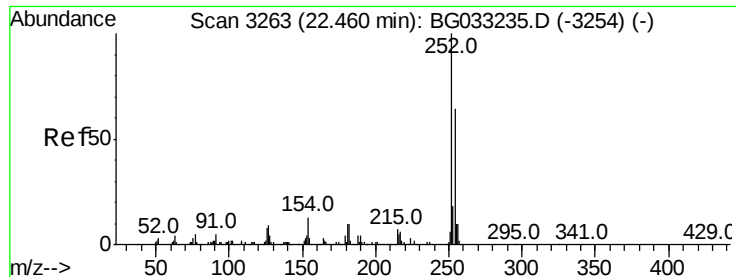
Tot Ion:149 Resp: 367662
Ion Ratio Lower Upper
149 100
91 75.9 62.2 93.2
206 23.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.778 ng
RT: 22.58 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BG033273.D
Acq: 20 Mar 2018 18:34

Tgt Ion:228 Resp: 950598
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.0 16.2 24.2

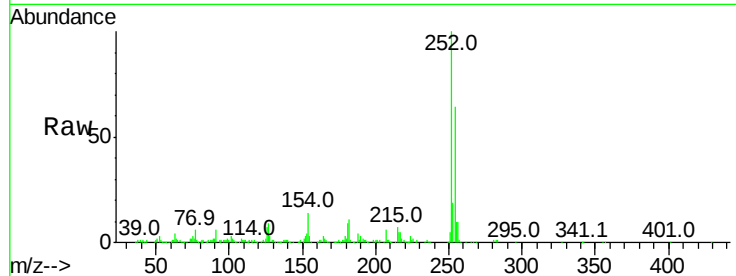




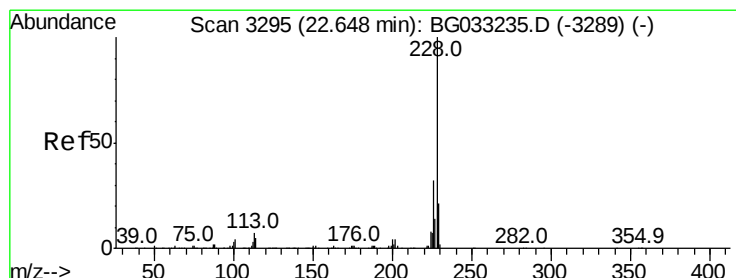
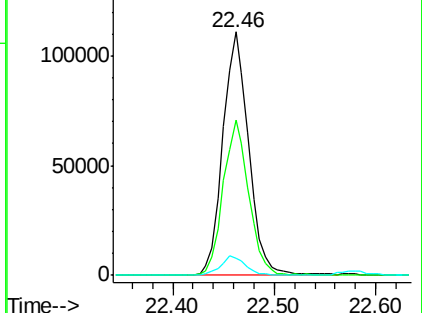
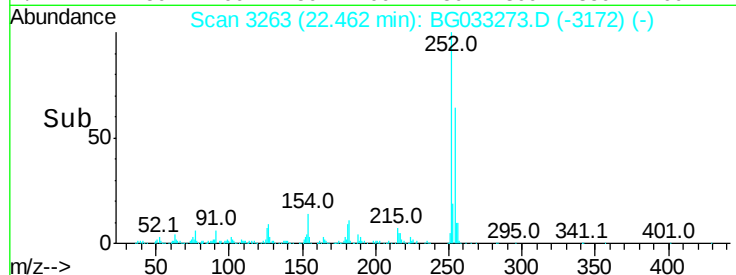
#81
 3,3'-Dichlorobenzidine
 Concen: 26.033 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: BG033273.D
 Acq: 20 Mar 2018 18:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	7.2	7.4	11.2#

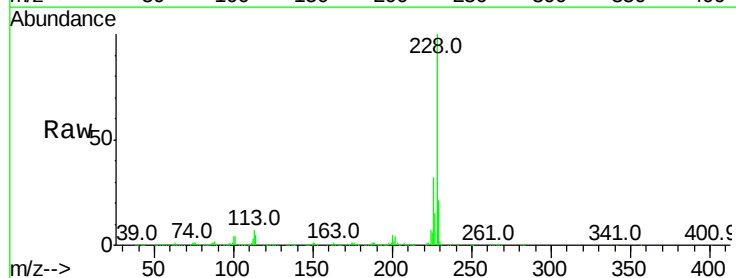


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

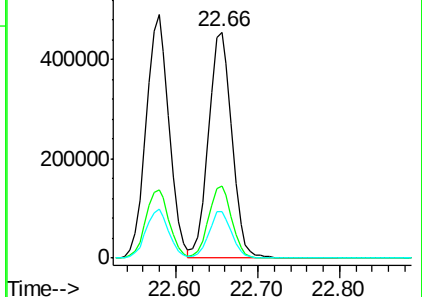
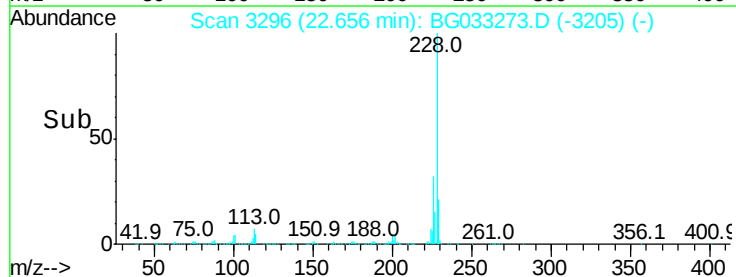


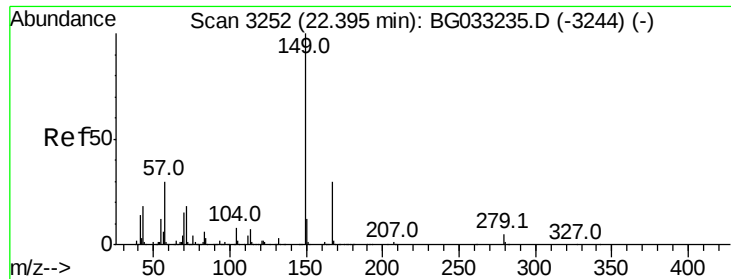
#82
 Chrysene
 Concen: 44.033 ng
 RT: 22.66 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BG033273.D
 Acq: 20 Mar 2018 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.6	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.917 ng

RT: 22.40 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

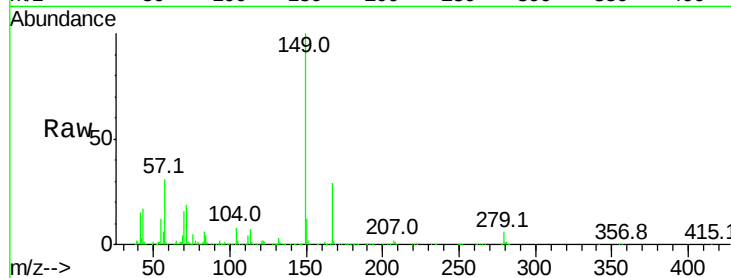
Tot Ion:149 Resp: 496747

Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.3	36.5
279	5.9	4.0	6.0

149 100

167 29.1 24.3 36.5

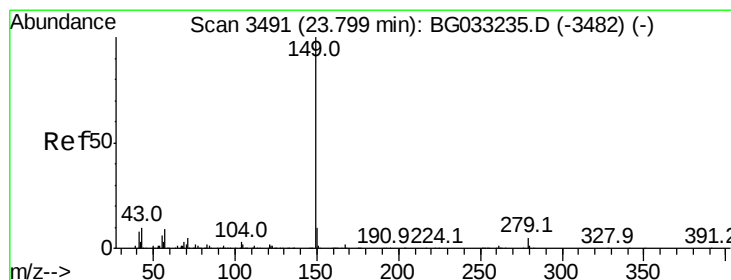
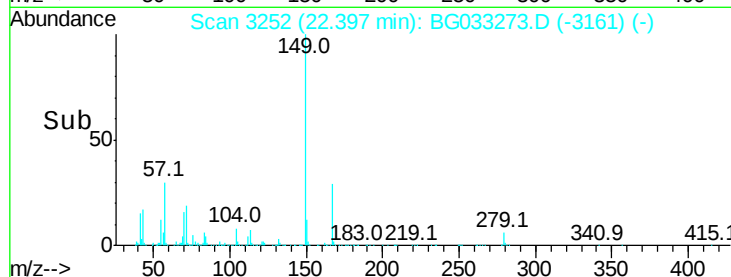
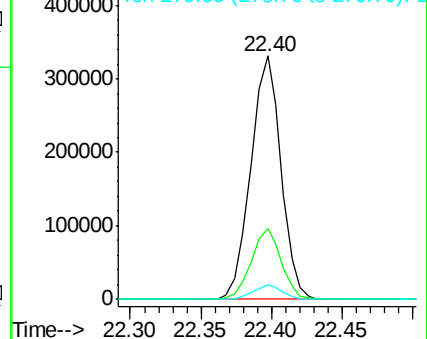
279 5.9 4.0 6.0



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: 48.835 ng

RT: 23.81 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

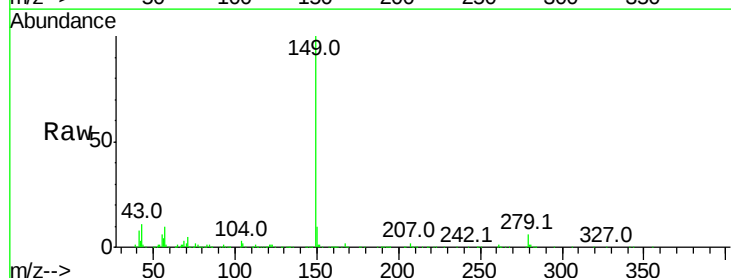
Tgt Ion:149 Resp: 845759

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.5	8.9	13.3

149 100

167 1.8 1.4 2.0

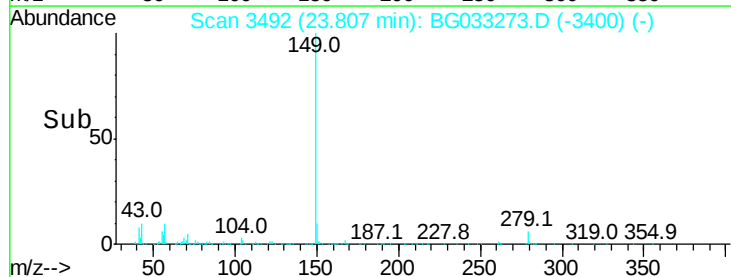
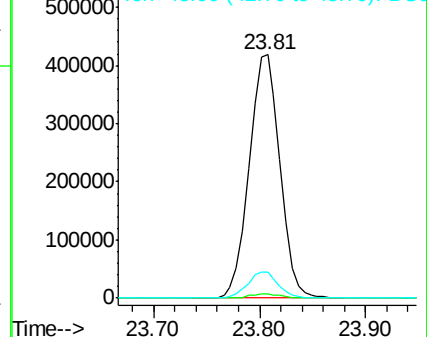
43 10.5 8.9 13.3

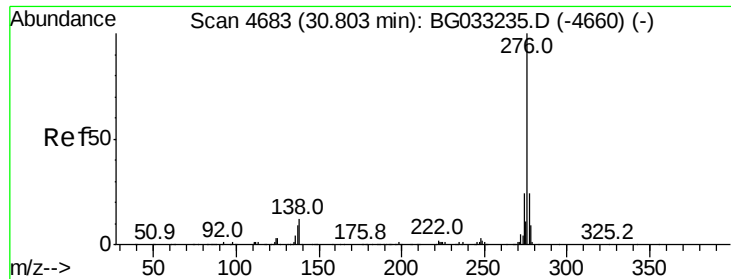


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.669 ng

RT: 30.81 min Scan# 4684

Delta R.T. 0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

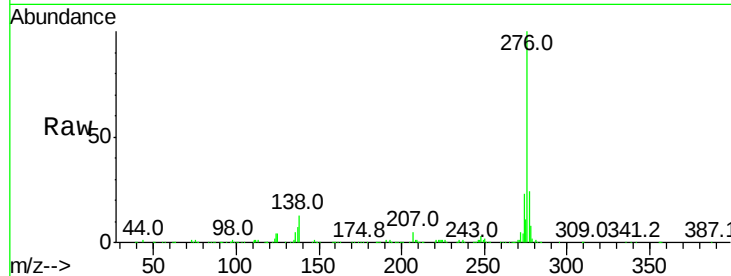
Tot Ion:276 Resp: 1059109

Ion Ratio Lower Upper

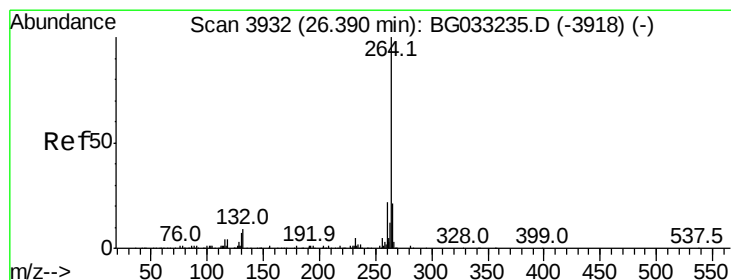
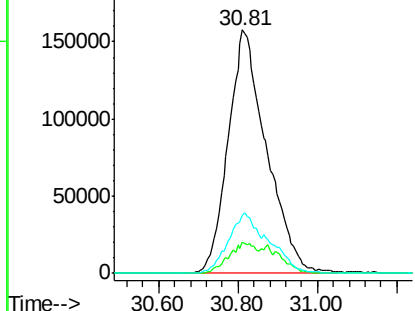
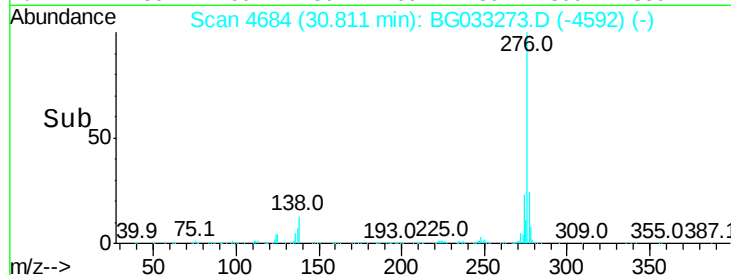
276 100

138 9.1 16.0 24.0#

277 18.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.39 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

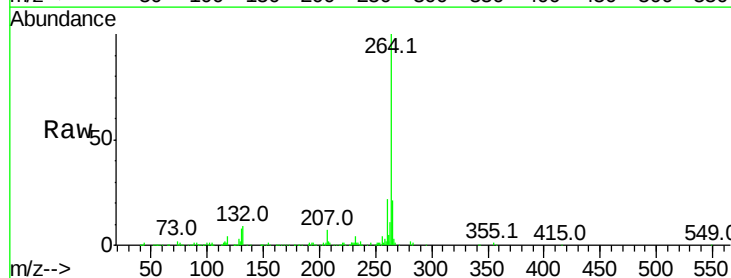
Tgt Ion:264 Resp: 357377

Ion Ratio Lower Upper

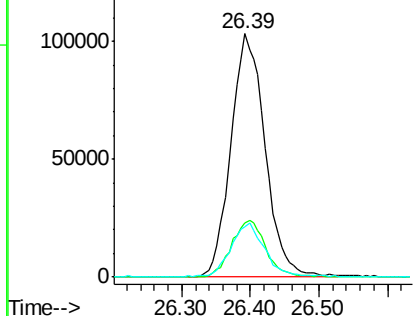
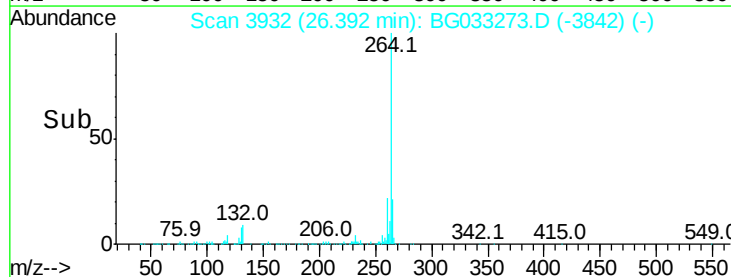
264 100

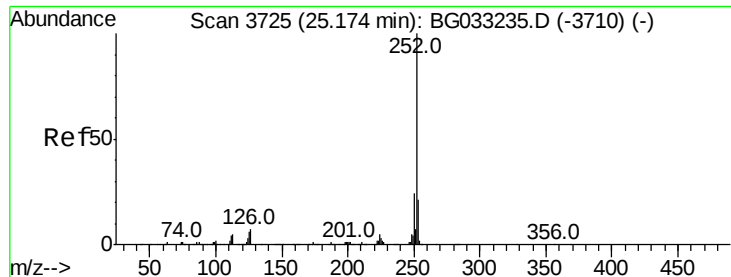
260 22.3 17.4 26.0

265 20.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.765 ng

RT: 25.18 min Scan# 3725

Delta R.T. 0.00 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

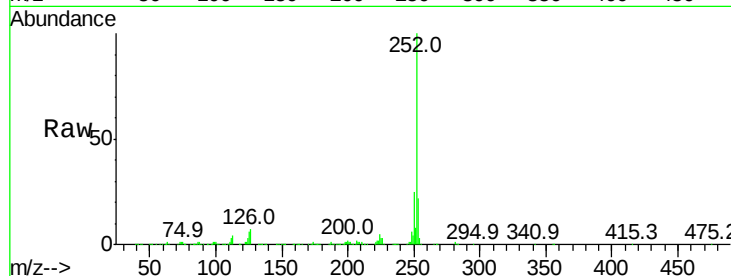
Tot Ion:252 Resp: 924281

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

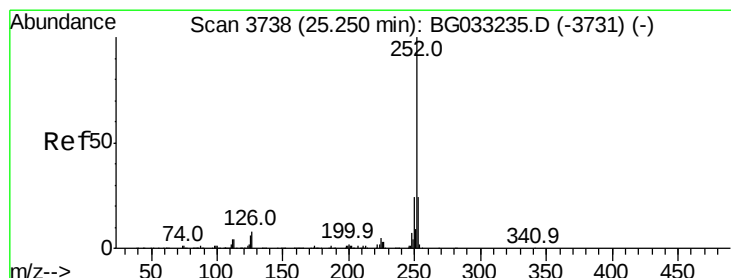
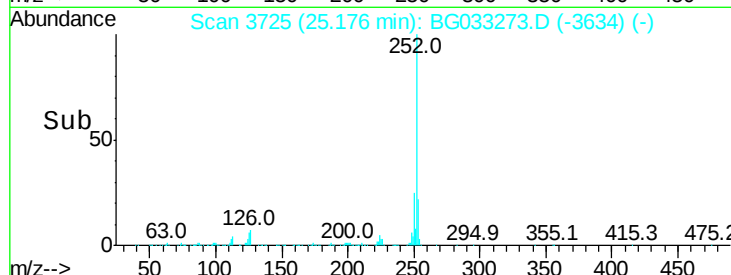
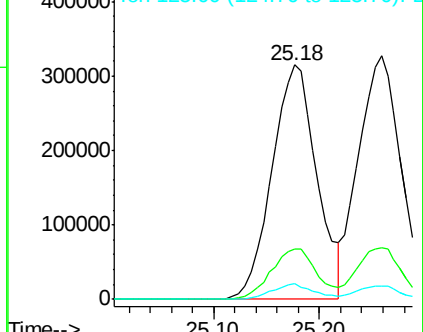
125 6.5 7.2 10.8#



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: 44.162 ng

RT: 25.26 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

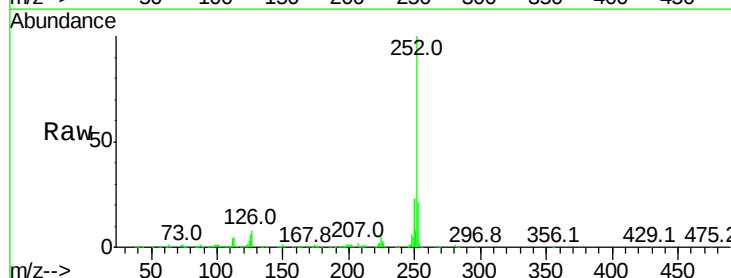
Tgt Ion:252 Resp: 922202

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

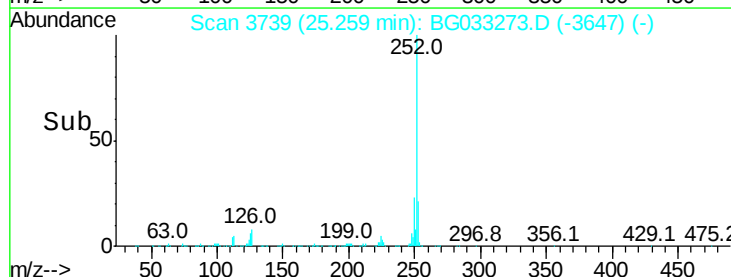
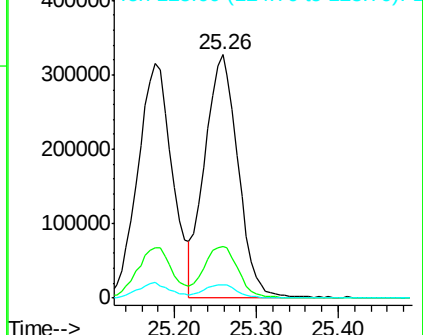
125 5.7 6.6 9.8#

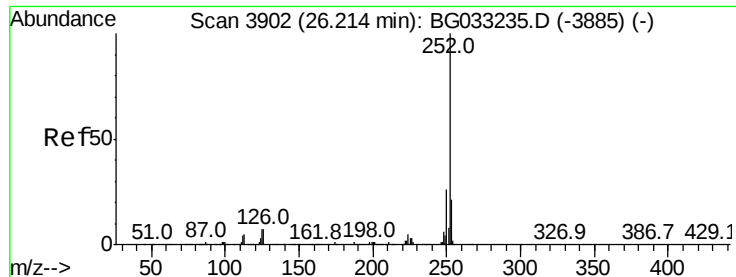


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.297 ng

RT: 26.22 min Scan# 3902

Delta R.T. 0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

Instrument :

BNA_F

ClientSampleId :

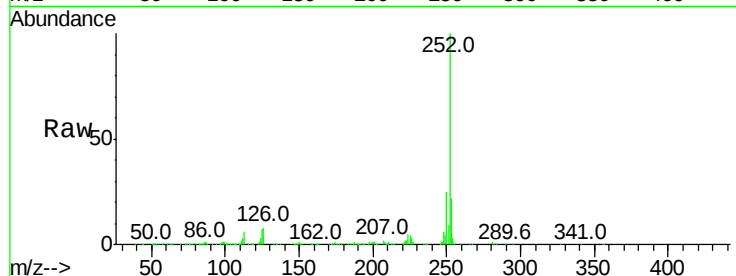
Tot Ion:252 Resp: 918000

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

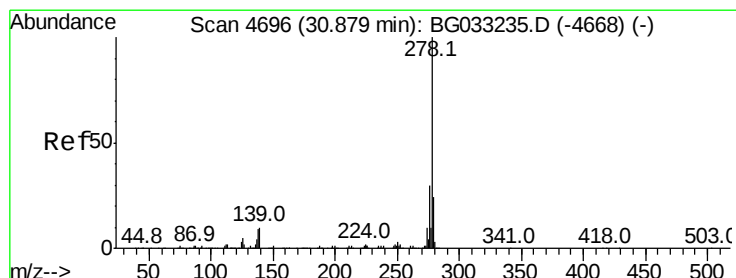
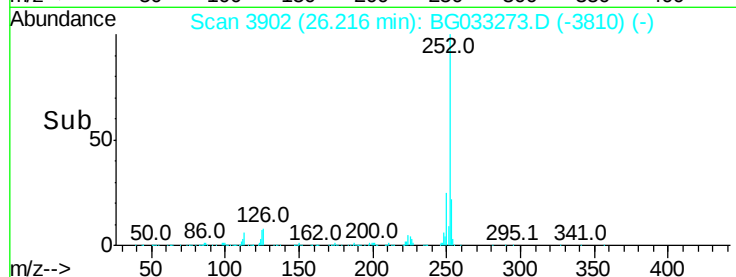
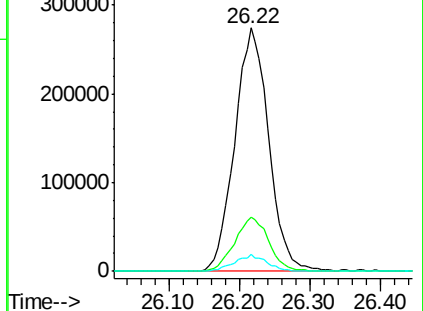
125 7.0 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 47.045 ng

RT: 30.89 min Scan# 4698

Delta R.T. 0.01 min

Lab File: BG033273.D

Acq: 20 Mar 2018 18:34

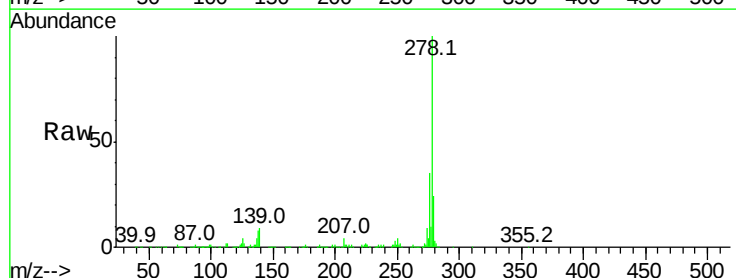
Tgt Ion:278 Resp: 878689

Ion Ratio Lower Upper

278 100

139 8.9 9.8 14.6#

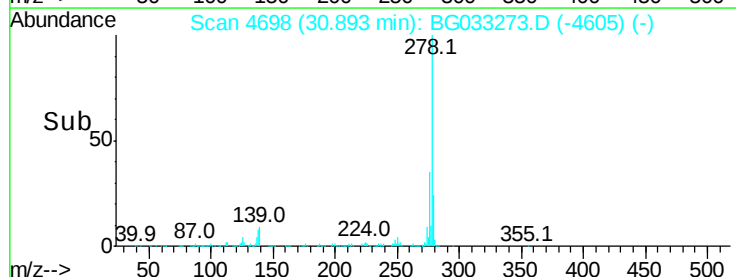
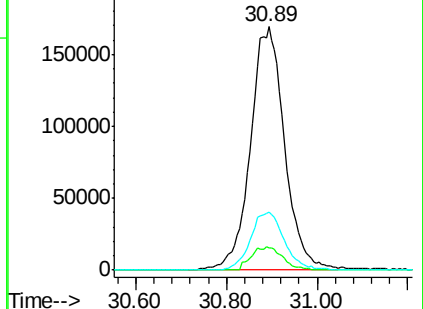
279 24.0 18.4 27.6

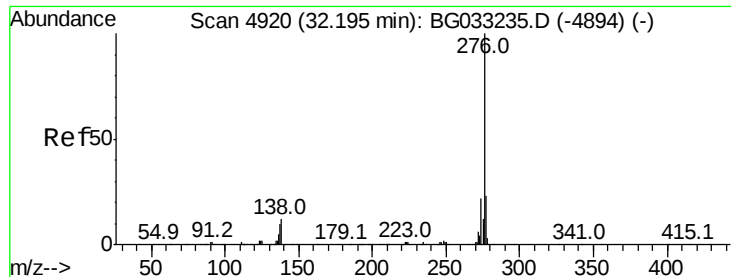


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.349 ng
 RT: 32.21 min Scan# 4922
 Delta R.T. 0.01 min
 Lab File: BG033273.D
 Acq: 20 Mar 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	12.2	13.9	20.9

