

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036440.D
 Acq On : 27 Aug 2018 20:37
 Operator : JU/SJ
 Sample : J4583-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Quant Time: Aug 28 03:28:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68984	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	289551	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	183351	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	455743	20.00	ng	0.00
75) Chrysene-d12	21.70	240	443115	20.00	ng	0.00
86) Perylene-d12	24.91	264	462632	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	442425	101.74	ng	0.00
7) Phenol-d6	7.22	99	618935	99.41	ng	0.00
23) Nitrobenzene-d5	9.23	82	357687	67.02	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	243306	111.21	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	766772	59.71	ng	0.00
78) Terphenyl-d14	20.04	244	1286170	67.84	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	48139	23.720	ng	96
3) Pyridine	3.93	79	143372	25.167	ng	99
4) n-Nitrosodimethylamine	3.85	42	73860	29.109	ng	97
6) Aniline	7.39	93	208811	26.421	ng	97
8) 2-Chlorophenol	7.63	128	149245	31.647	ng	98
9) Benzaldehyde	7.20	77	103987	24.253	ng	97
10) Phenol	7.25	94	215213	33.030	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	145074	28.084	ng	99
12) 1,3-Dichlorobenzene	7.95	146	154723	28.733	ng	99
13) 1,4-Dichlorobenzene	8.11	146	154530	28.423	ng	96
14) 1,2-Dichlorobenzene	8.42	146	148438	28.589	ng	97
15) Benzyl Alcohol	8.30	79	150908	30.066	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	273976	26.300	ng	97
17) 2-Methylphenol	8.50	107	137423	31.763	ng	94
18) Hexachloroethane	9.15	117	55119	28.277	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	124557	26.767	ng	96
20) 3+4-Methylphenols	8.83	107	188778	31.253	ng	99
22) Acetophenone	8.89	105	235637	30.991	ng	98
24) Nitrobenzene	9.27	77	177674	30.875	ng	96
25) Isophorone	9.79	82	351463	33.152	ng	97
26) 2-Nitrophenol	9.98	139	74825	32.812	ng	97
27) 2,4-Dimethylphenol	10.04	122	153870	36.446	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	204302	31.400	ng	98
29) 2,4-Dichlorophenol	10.51	162	157842	34.113	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	164926	30.469	ng	98
31) Naphthalene	10.93	128	473996	32.747	ng	99
32) Benzoic acid	10.13	122	44847	17.470	ng	96
33) 4-Chloroaniline	11.03	127	167755	25.292	ng	98
34) Hexachlorobutadiene	11.21	225	110402	30.357	ng	97
35) Caprolactam	11.79	113	58842	31.924	ng	89
36) 4-Chloro-3-methylphenol	12.14	107	175374	32.620	ng	99
37) 2-Methylnaphthalene	12.52	142	366296	34.586	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	206803	31.872	ng	99
40) Hexachlorocyclopentadiene	12.87	237	240350	71.193	ng	100

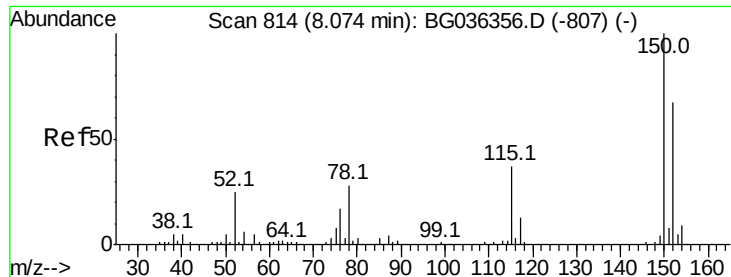
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036440.D
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 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	135382	34.252	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	147078	34.887	ng	98
45) 1,1'-Biphenyl	13.53	154	471779	30.998	ng	99
46) 2-Chloronaphthalene	13.57	162	359498	30.941	ng	99
47) 2-Nitroaniline	13.76	65	117536	32.215	ng	94
48) Acenaphthylene	14.42	152	601602	33.131	ng	99
49) Dimethylphthalate	14.14	163	576160	38.483	ng	99
50) 2,6-Dinitrotoluene	14.26	165	100670	32.677	ng	92
51) Acenaphthene	14.76	154	390017	33.537	ng	99
52) 3-Nitroaniline	14.59	138	90636	27.301	ng	94
53) 2,4-Dinitrophenol	14.79	184	74959	64.237	ng	91
54) Dibenzofuran	15.09	168	570534	31.315	ng	99
55) 4-Nitrophenol	14.89	139	179346	66.071	ng	98
56) 2,4-Dinitrotoluene	15.04	165	139074	34.637	ng	92
57) Fluorene	15.74	166	456069	33.485	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.31	232	142447	35.963	ng	96
59) Diethylphthalate	15.51	149	471398	31.243	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	261353	31.075	ng	96
61) 4-Nitroaniline	15.75	138	114323	32.908	ng	98
62) Azobenzene	16.02	77	462708	30.140	ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	67426	33.679	ng	93
65) n-Nitrosodiphenylamine	15.94	169	416639	30.767	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	167836	31.455	ng	97
67) Hexachlorobenzene	16.74	284	170031	31.164	ng	97
68) Atrazine	16.89	200	166684	32.793	ng	99
69) Pentachlorophenol	17.08	266	208568	56.246	ng	97
70) Phenanthrene	17.48	178	760474	32.839	ng	99
71) Anthracene	17.56	178	778491	33.724	ng	99
72) Carbazole	17.83	167	693865	30.098	ng	98
73) Di-n-butylphthalate	18.39	149	789423	30.750	ng	99
74) Fluoranthene	19.48	202	926884	32.829	ng	100
76) Benzidine	19.66	184	629641	44.537	ng	99
77) Pyrene	19.84	202	910783	33.425	ng	100
79) Butylbenzylphthalate	20.73	149	358977	33.103	ng	94
80) Benzo(a)anthracene	21.68	228	906597	33.772	ng	100
81) 3,3'-Dichlorobenzidine	21.60	252	197378	18.449	ng	97
82) Chrysene	21.75	228	835964	32.854	ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	492420	32.449	ng	99
84) Di-n-octyl phthalate	22.82	149	839752	33.130	ng	98
85) Indeno(1,2,3-cd)pyrene	28.58	276	1015743	34.369	ng	98
87) Benzo(b)fluoranthene	23.90	252	891751	34.712	ng	98
88) Benzo(k)fluoranthene	23.96	252	867945	34.582	ng	99
89) Benzo(a)pyrene	24.76	252	870231	35.252	ng	99
90) Dibenzo(a,h)anthracene	28.65	278	826261	34.670	ng	99
91) Benzo(g,h,i)perylene	29.71	276	845818	35.317	ng	97

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

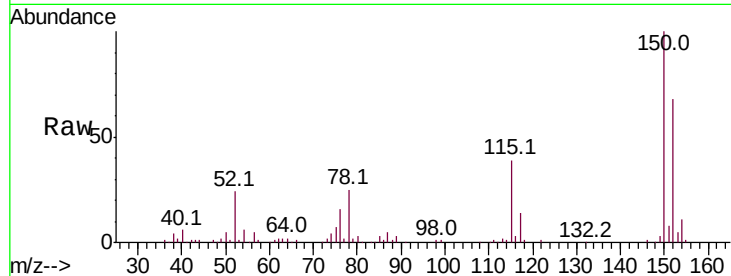


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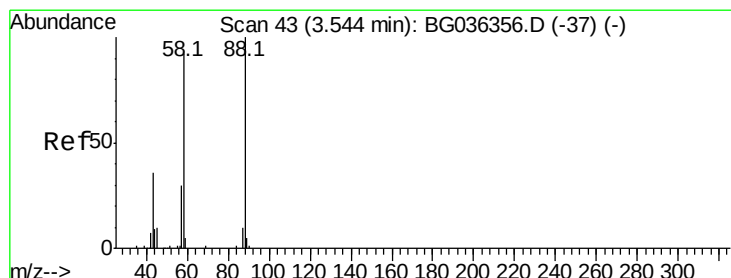
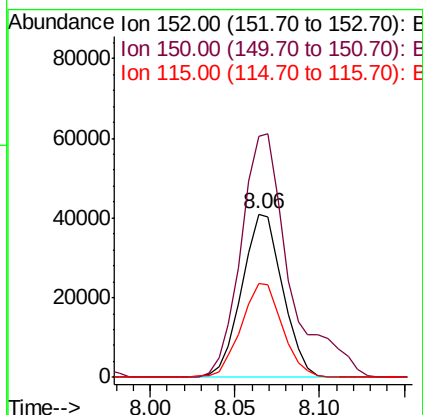
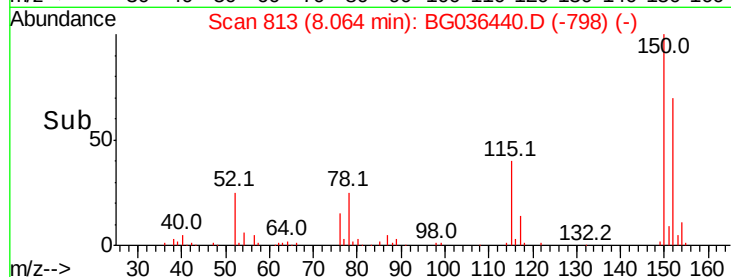
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

Tot Ion:152 Resp: 68984
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 57.8 44.5 66.7



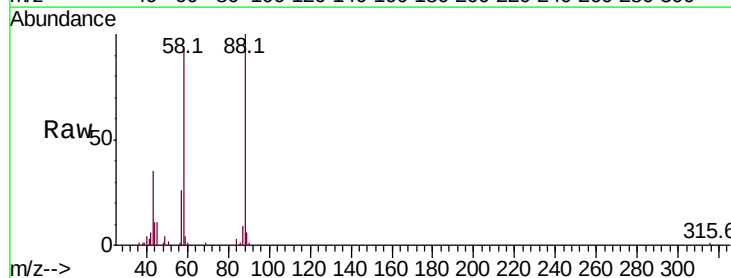
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



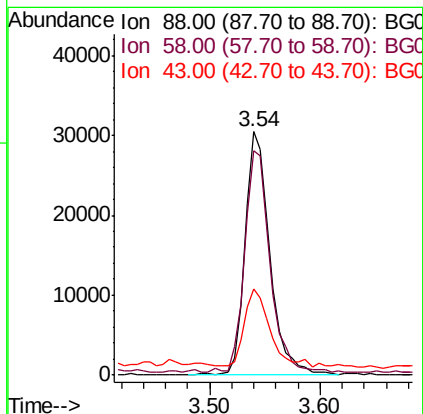
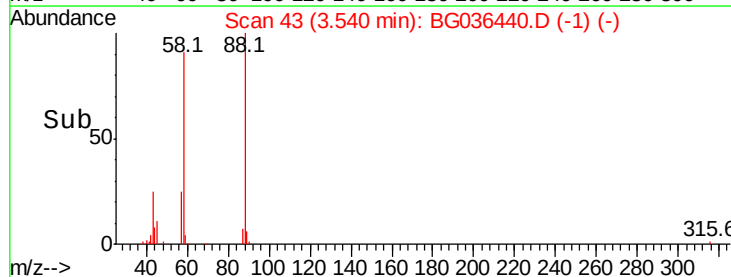
#2

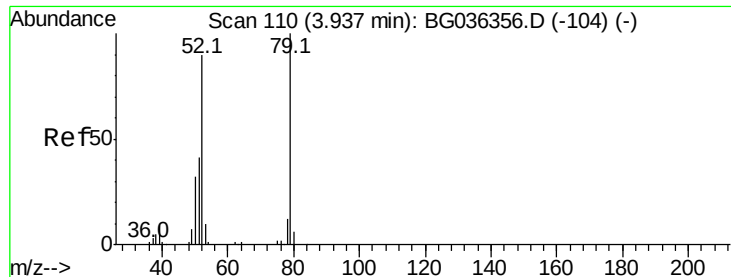
1,4-Dioxane
Concen: 23.720 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion: 88 Resp: 48139
Ion Ratio Lower Upper
88 100
58 93.7 72.6 109.0
43 32.3 29.0 43.4



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: 25.167 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

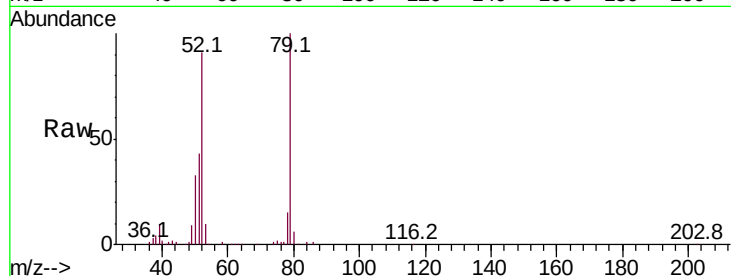
Tot Ion: 79 Resp: 143372

Ion Ratio Lower Upper

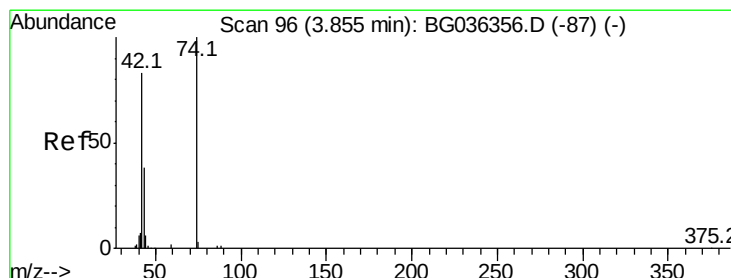
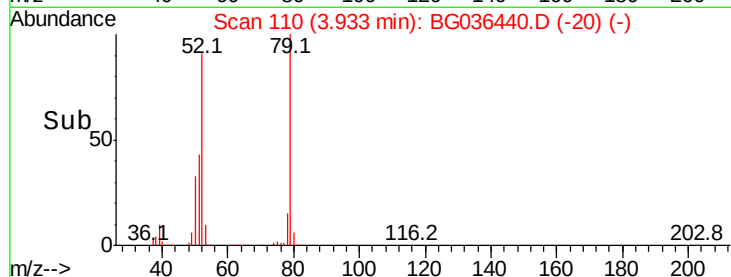
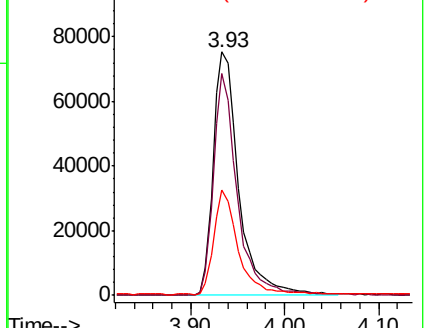
79 100

52 90.9 72.3 108.5

51 43.3 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 29.109 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

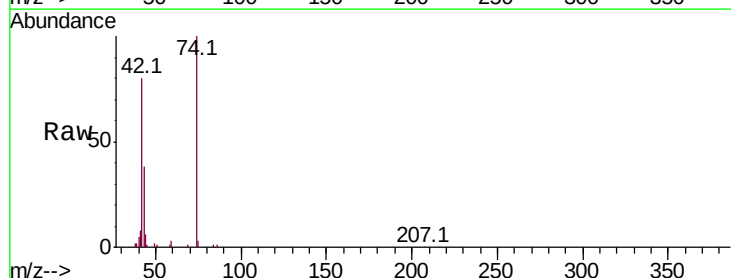
Tgt Ion: 42 Resp: 73860

Ion Ratio Lower Upper

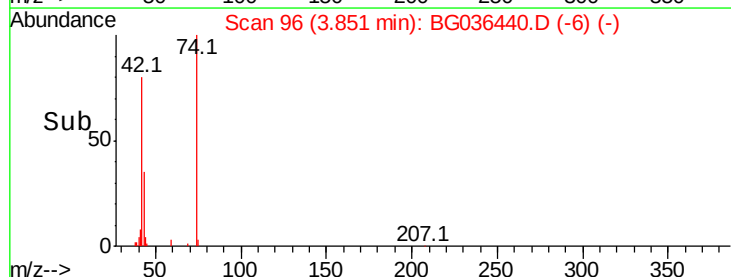
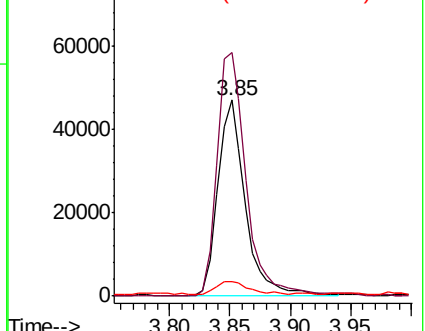
42 100

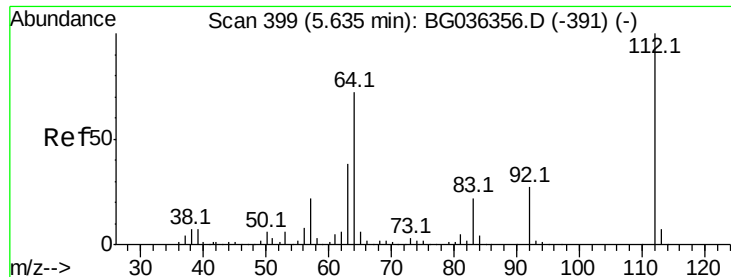
74 124.4 96.6 145.0

44 7.6 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 101.736 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

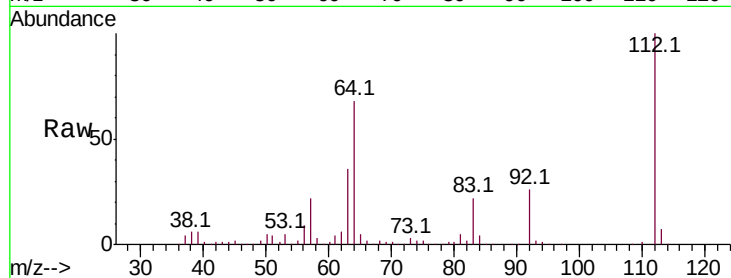
Tot Ion:112 Resp: 442425

Ion Ratio Lower Upper

112 100

64 68.5 57.2 85.8

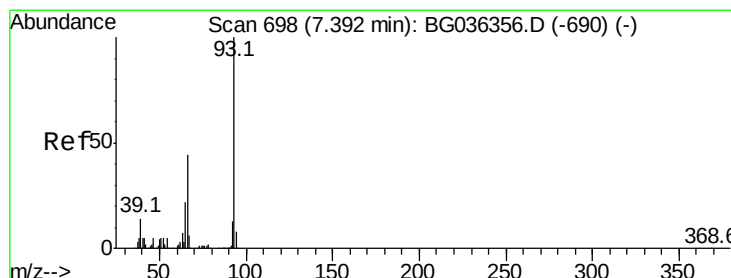
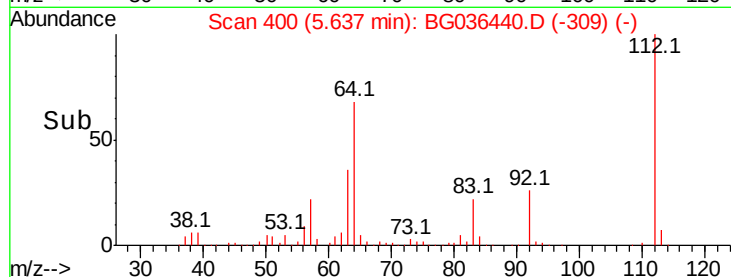
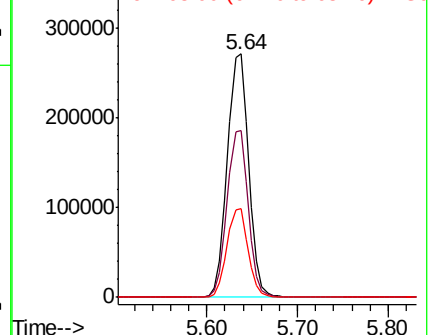
63 36.3 30.8 46.2



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: 26.421 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

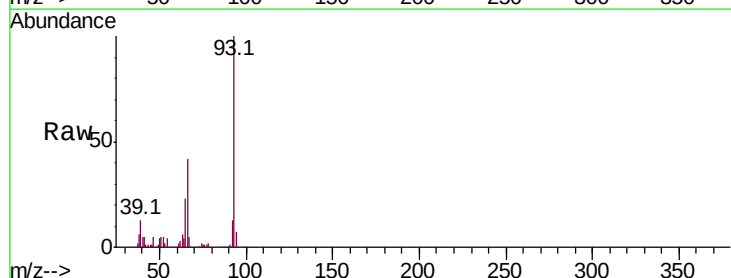
Tgt Ion: 93 Resp: 208811

Ion Ratio Lower Upper

93 100

66 42.1 35.0 52.4

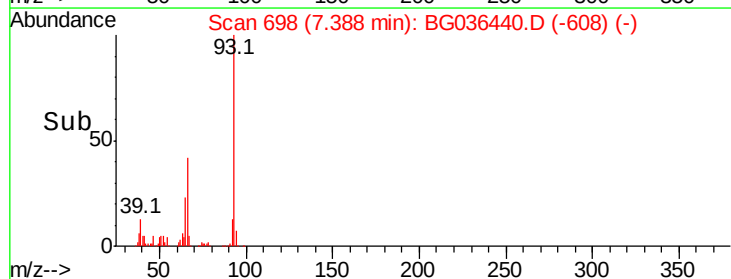
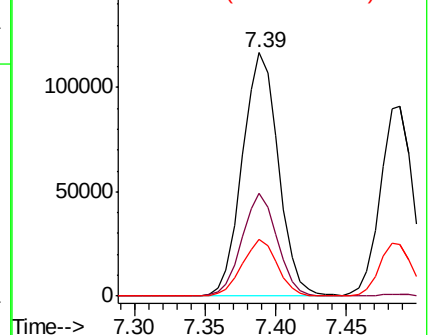
65 23.2 17.6 26.4

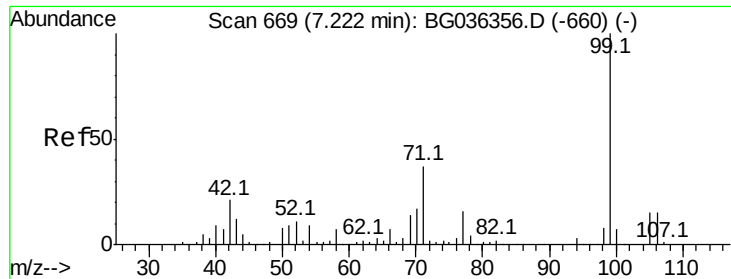


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.406 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

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ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

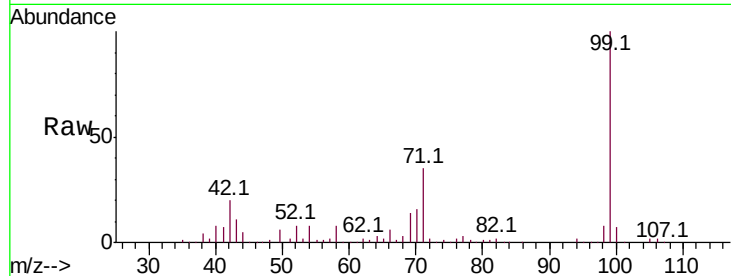
Tot Ion: 99 Resp: 618935

Ion Ratio Lower Upper

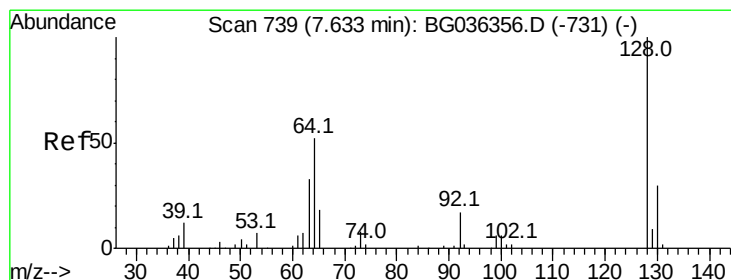
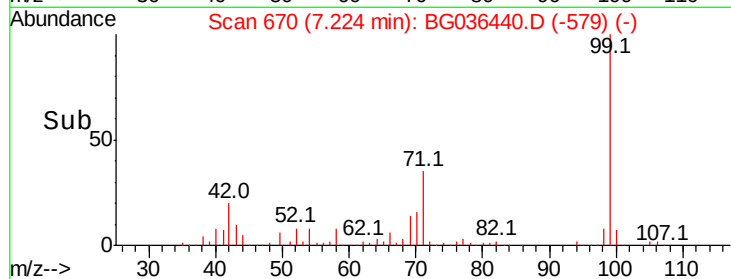
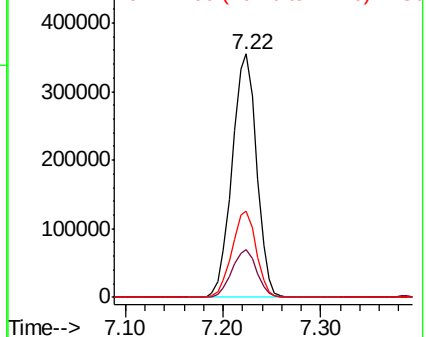
99 100

42 19.8 16.5 24.7

71 35.1 29.4 44.2



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: 31.647 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

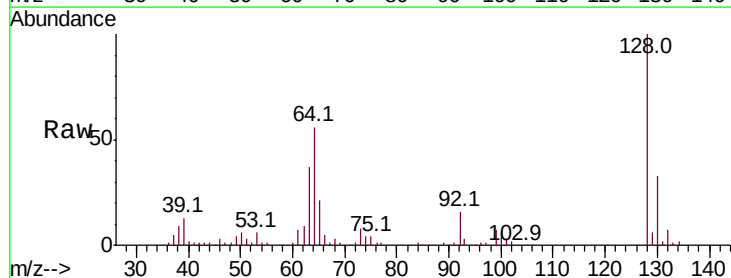
Tgt Ion:128 Resp: 149245

Ion Ratio Lower Upper

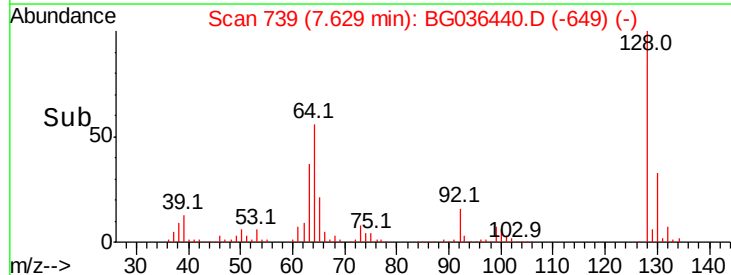
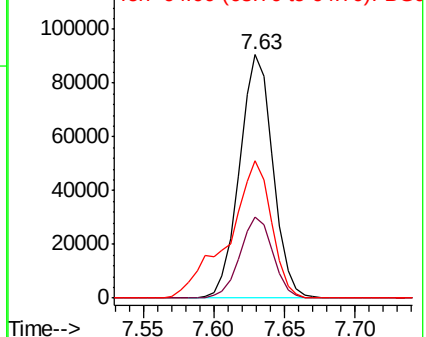
128 100

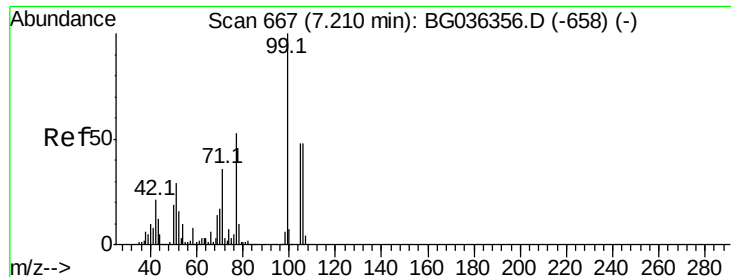
130 33.3 10.0 50.0

64 56.2 36.0 76.0



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: 24.253 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

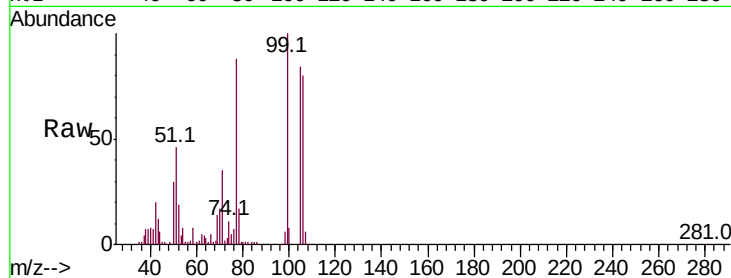
Tot Ion: 77 Resp: 103987

Ion Ratio Lower Upper

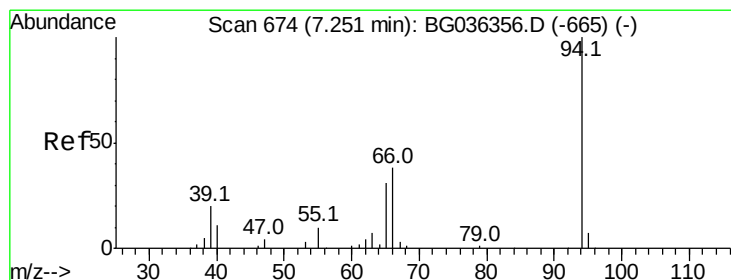
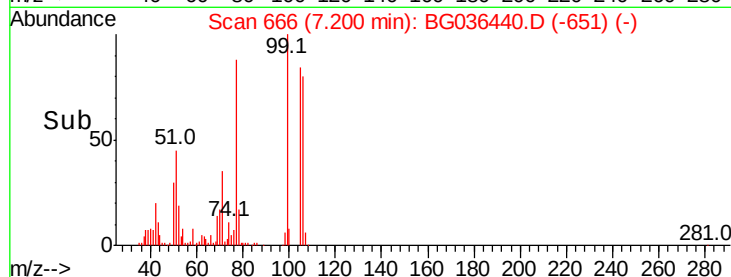
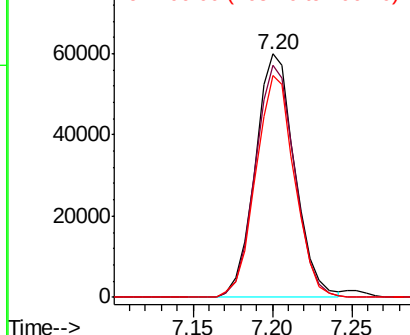
77 100

105 95.4 70.5 110.5

106 91.0 69.8 109.8



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



#10

Phenol

Concen: 33.030 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

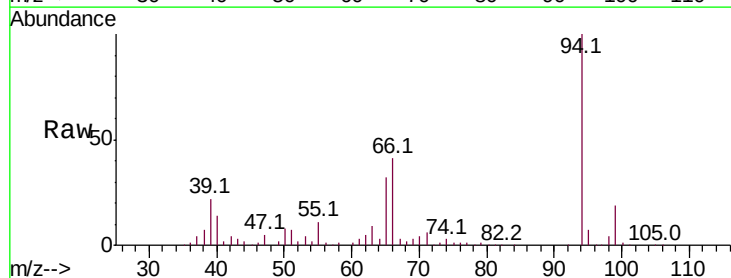
Tgt Ion: 94 Resp: 215213

Ion Ratio Lower Upper

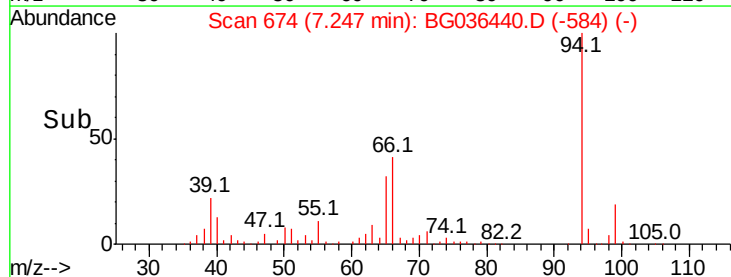
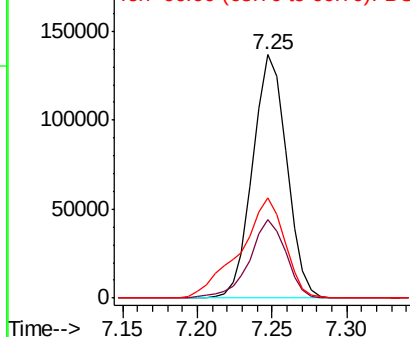
94 100

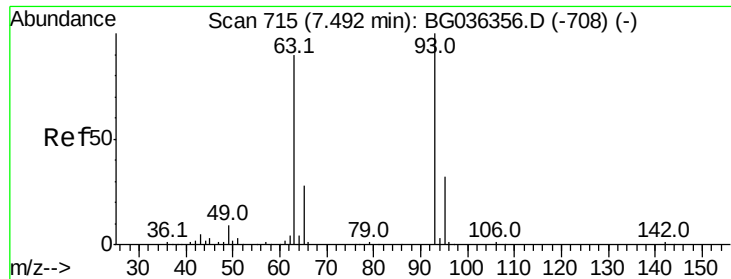
65 32.3 11.5 51.5

66 41.4 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 28.084 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

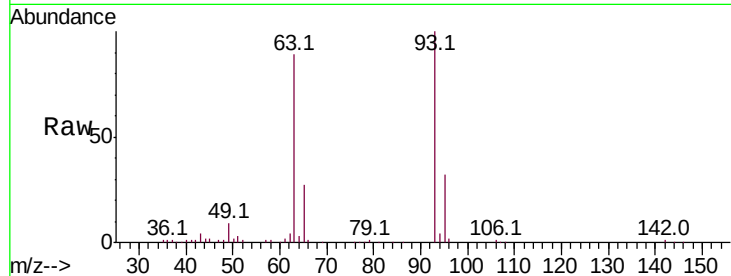
Tot Ion: 93 Resp: 145074

Ion Ratio Lower Upper

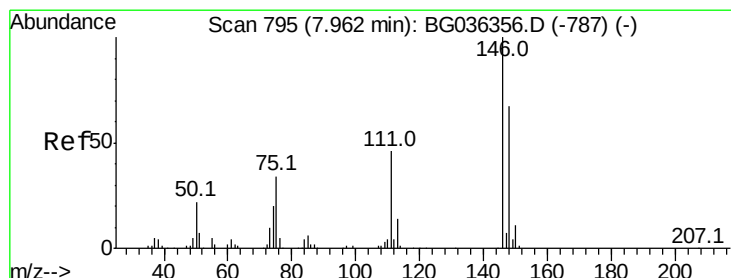
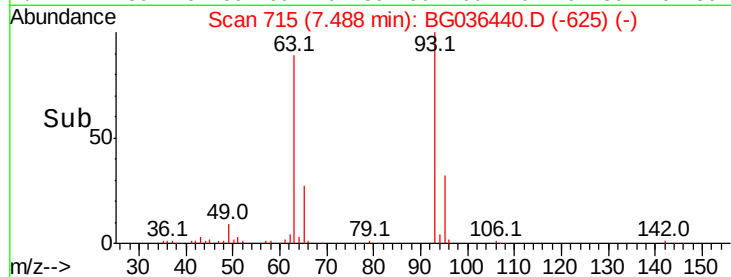
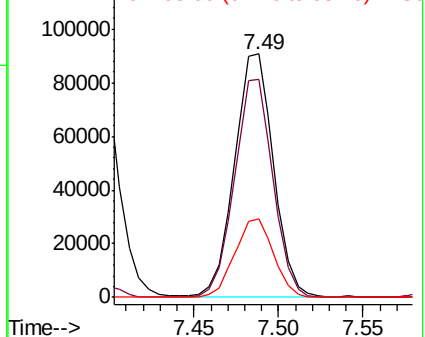
93 100

63 89.4 69.9 109.9

95 32.1 11.7 51.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 28.733 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

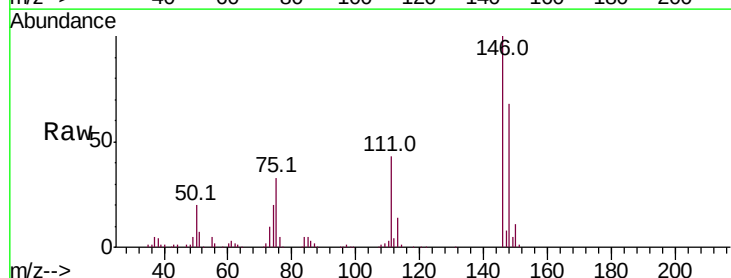
Tgt Ion: 146 Resp: 154723

Ion Ratio Lower Upper

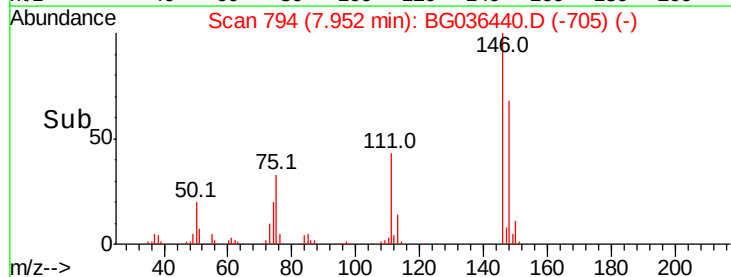
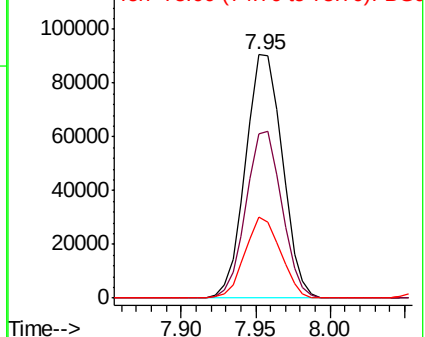
146 100

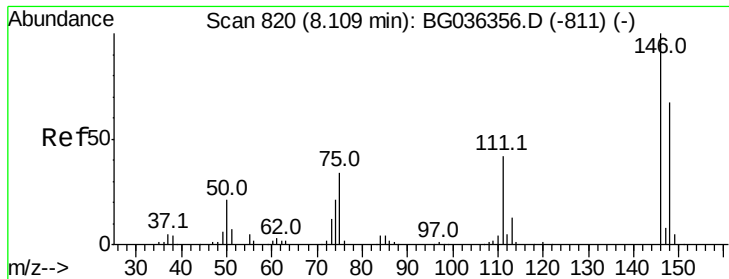
148 67.6 53.8 80.6

75 33.4 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

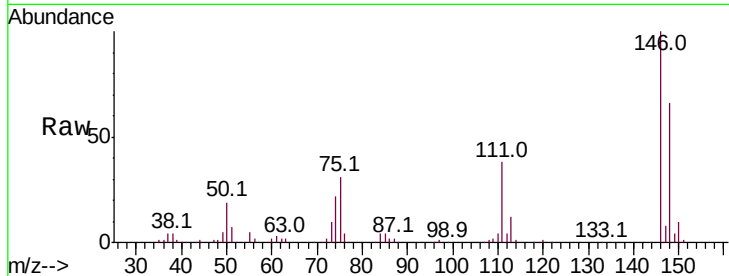




#13
 1,4-Dichlorobenzene
 Concen: 28.423 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.9	80.9
111	38.2	33.8	50.6

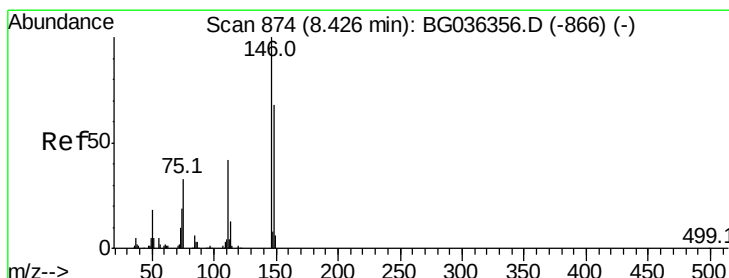
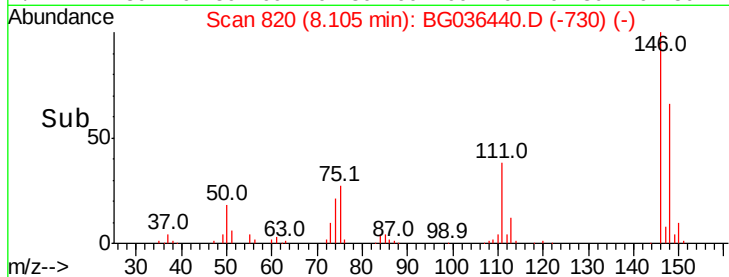
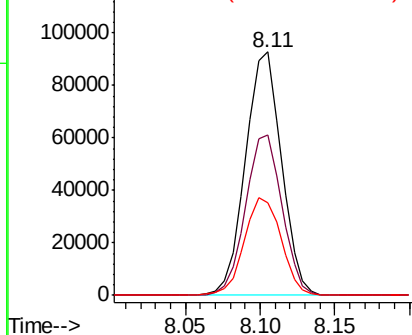


Abundance

Ion 146.00 (145.70 to 146.70): E

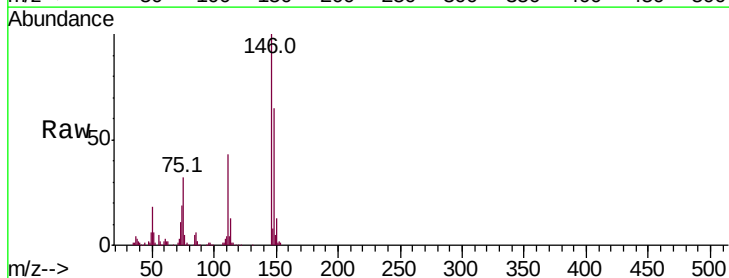
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 28.589 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	55.0	82.6
111	42.6	34.6	51.8

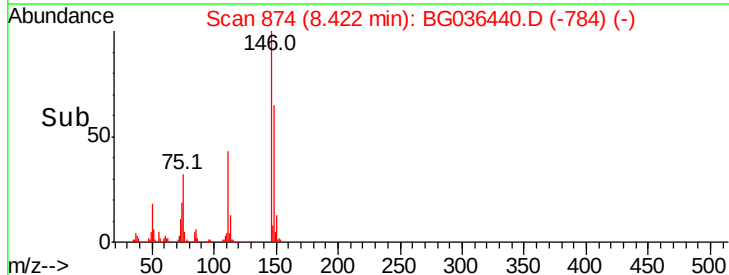
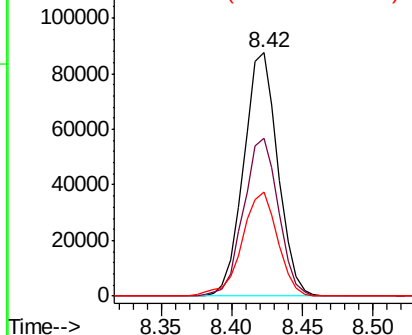


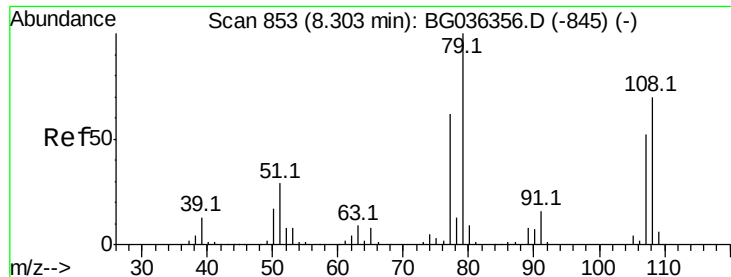
Abundance

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

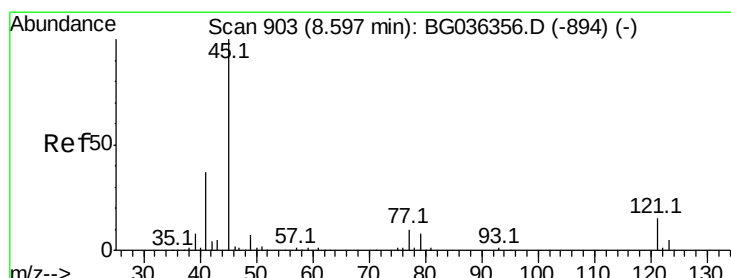
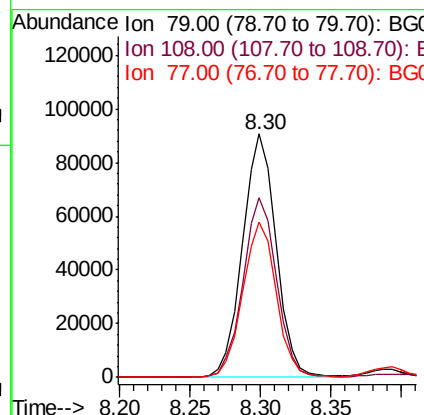
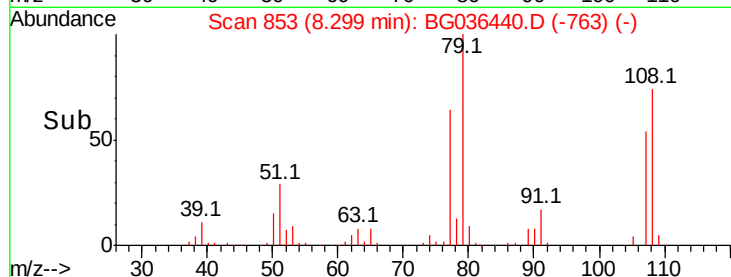
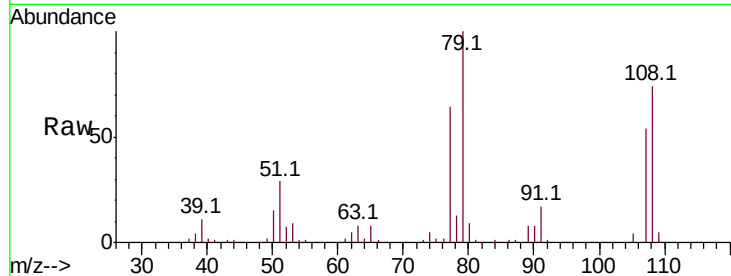




#15
Benzyl Alcohol
Concen: 30.066 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

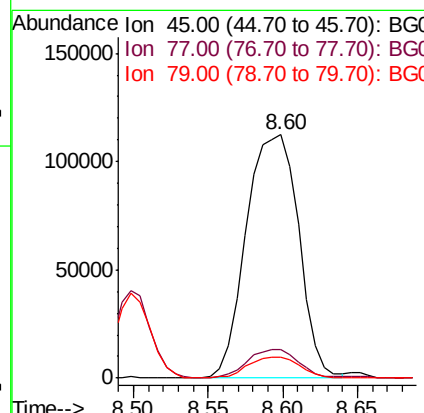
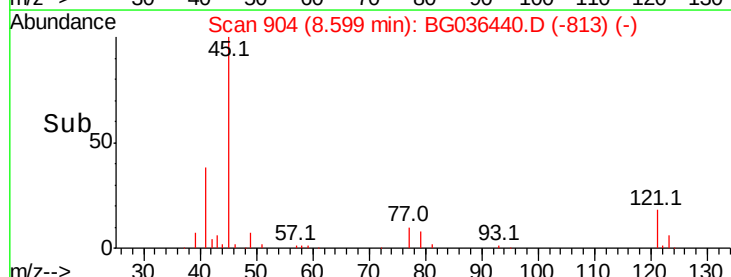
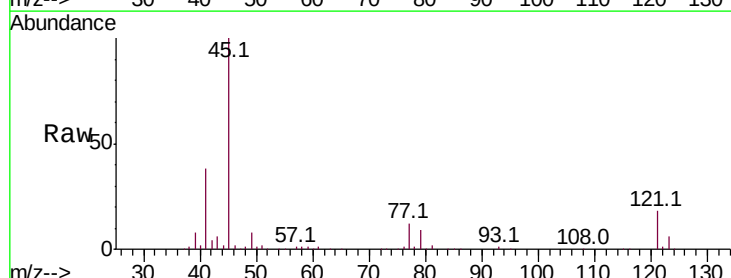
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

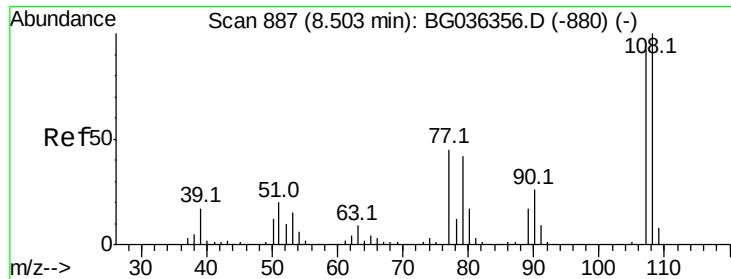
Tot Ion: 79 Resp: 150908
Ion Ratio Lower Upper
79 100
108 73.9 55.9 83.9
77 63.7 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 26.300 ng
RT: 8.60 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion: 45 Resp: 273976
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.5
79 8.7 0.0 27.9

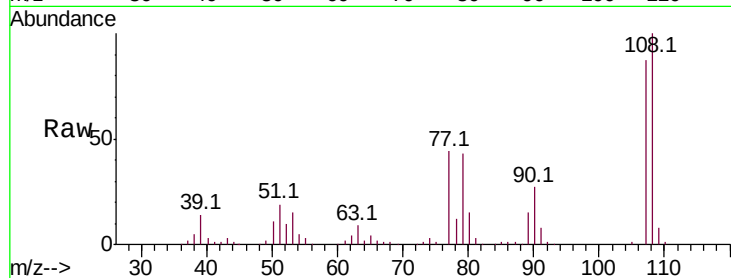




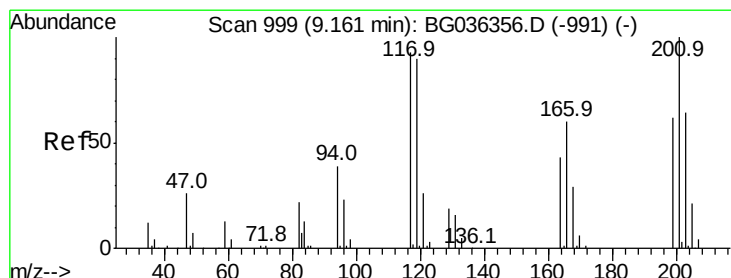
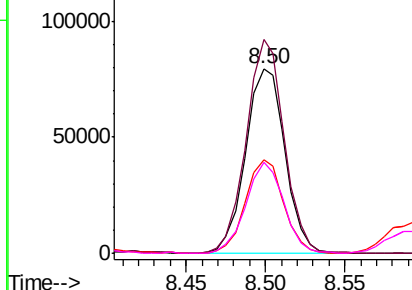
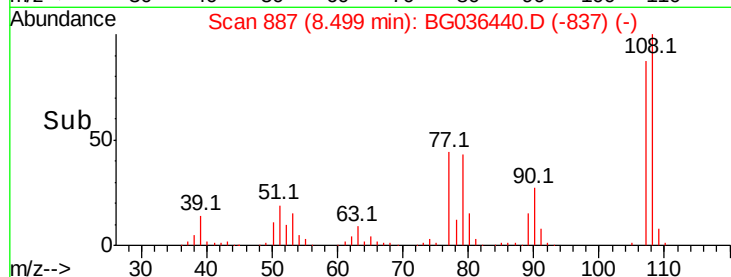
#17
2-Methylphenol
Concen: 31.763 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

Tot Ion:	107	Resp:	137423
Ion	Ratio	Lower	Upper
107	100		
108	115.6	86.7	130.1
77	50.7	39.0	58.4
79	49.5	36.6	54.8

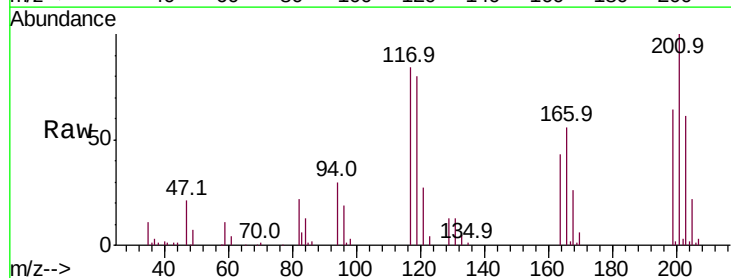


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

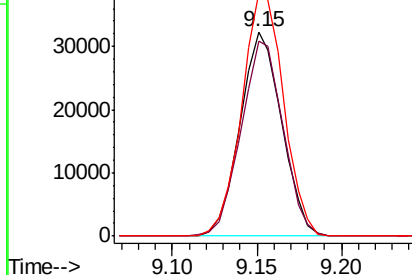
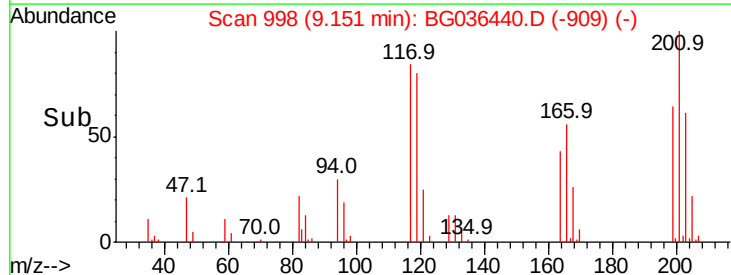


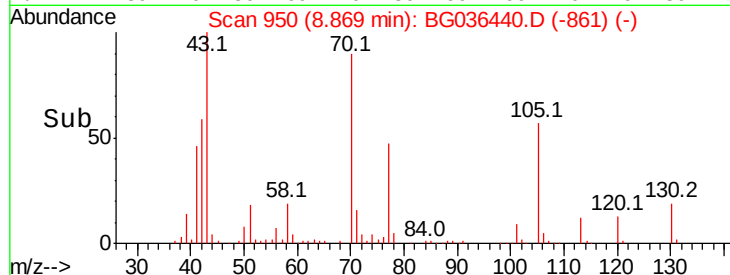
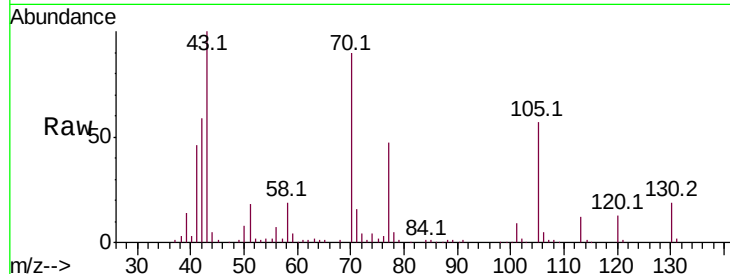
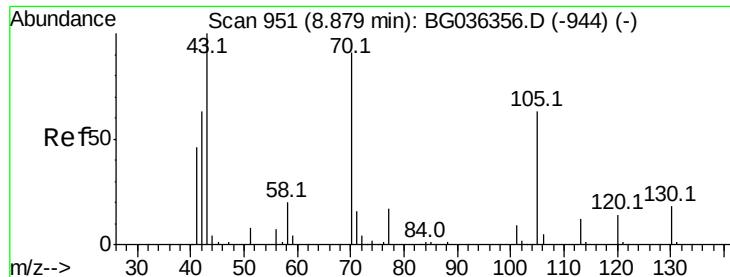
#18
Hexachloroethane
Concen: 28.277 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion:	117	Resp:	55119
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.8	115.2
201	119.4	85.7	128.5



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: 26.767 ng

RT: 8.87 min Scan# 950

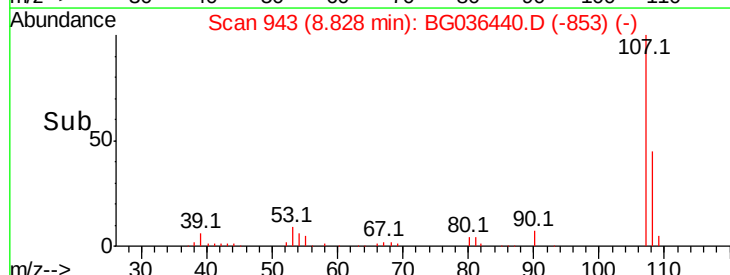
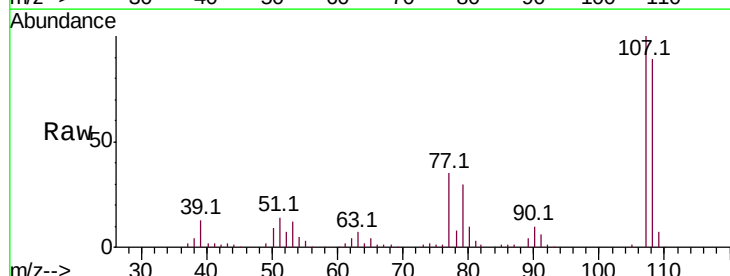
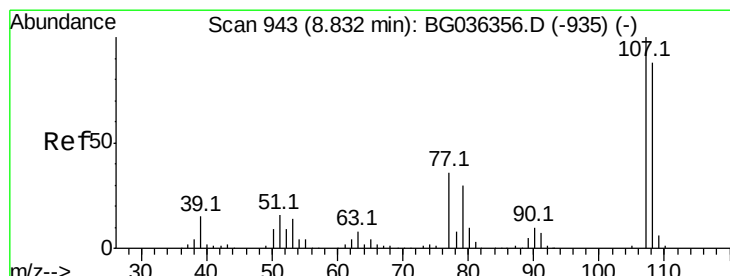
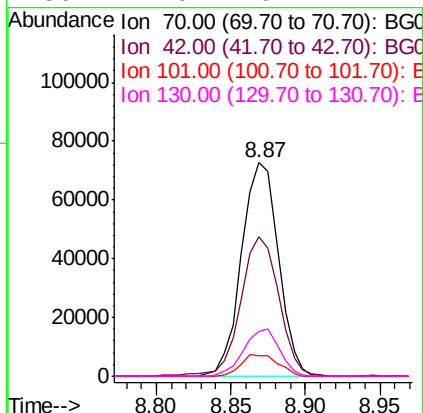
Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

Tot Ion:	70	Resp:	124557
Ion	Ratio	Lower	Upper
70	100		
42	65.5	56.2	84.4
101	9.7	7.8	11.6
130	21.0	16.2	24.2



#20

3+4-Methylphenols

Concen: 31.253 ng

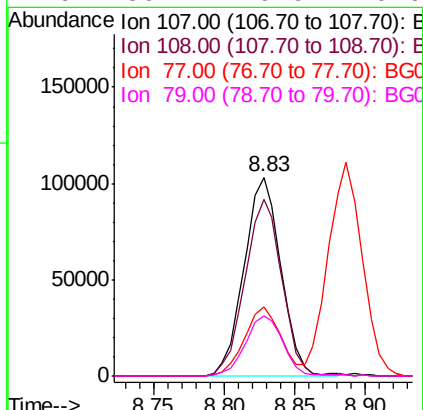
RT: 8.83 min Scan# 943

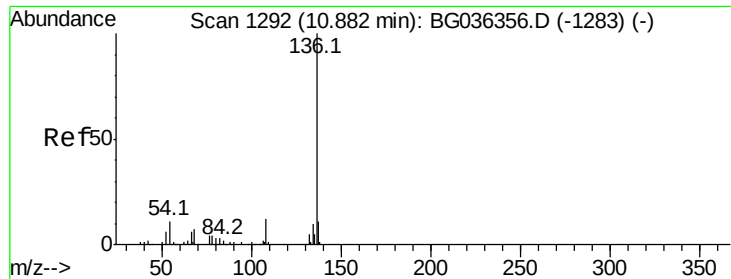
Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Tgt Ion:	107	Resp:	188778
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.0	108.0
77	34.6	15.6	55.6
79	30.2	9.9	49.9

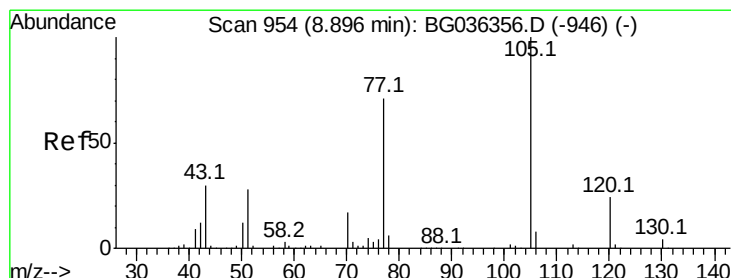
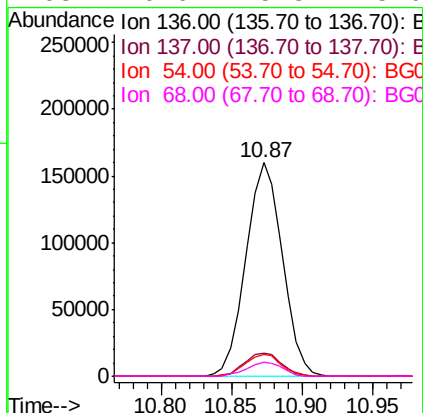
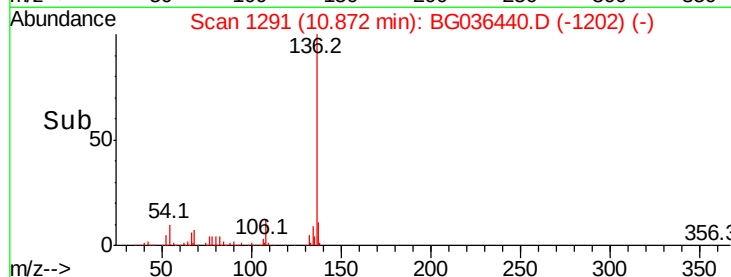
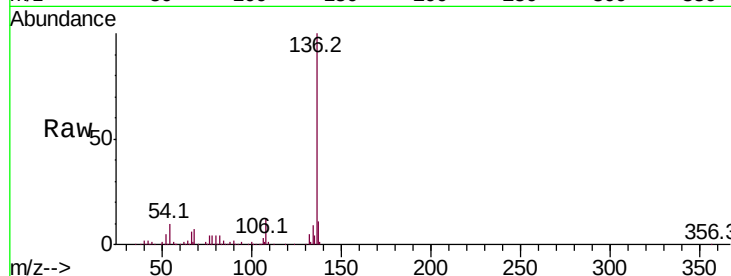




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

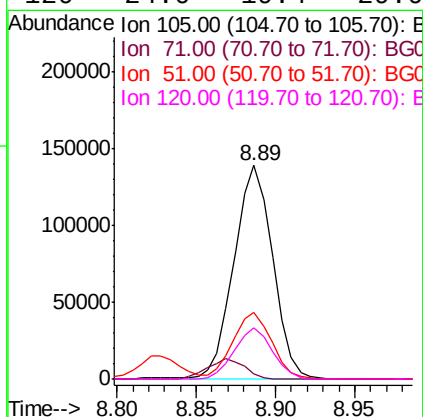
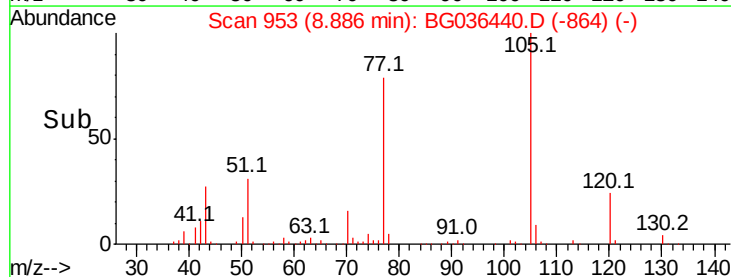
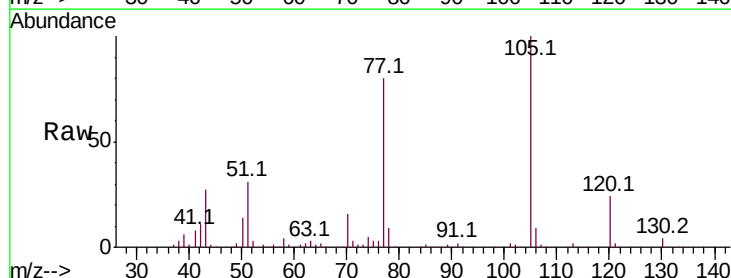
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

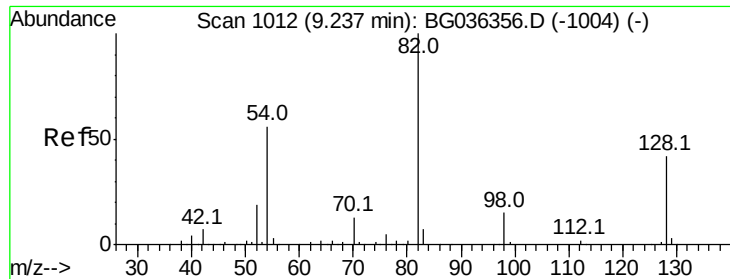
Tot Ion:	136	Resp:	289551
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	9.2	13.8
68	6.6	5.8	8.6



#22
Acetophenone
Concen: 30.991 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion:	105	Resp:	235637
Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.4	3.6
51	30.9	25.9	38.9
120	24.0	19.4	29.0

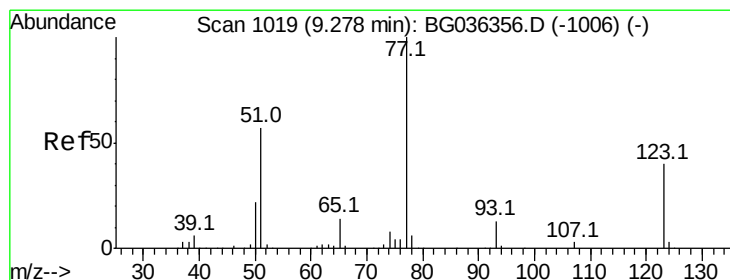
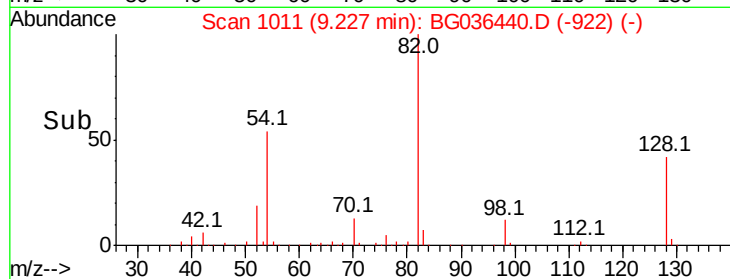
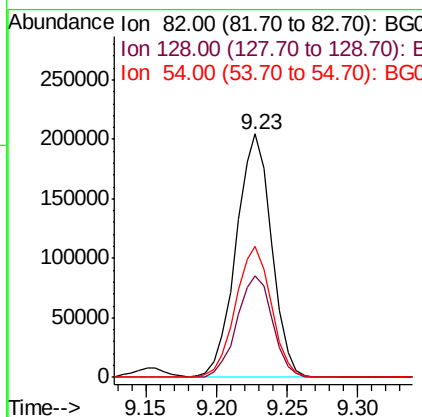
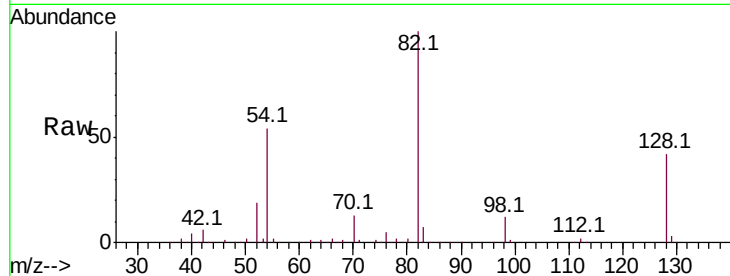




#23
 Nitrobenzene-d5
 Concen: 67.024 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

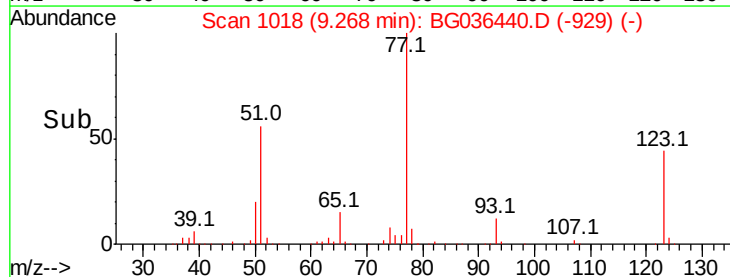
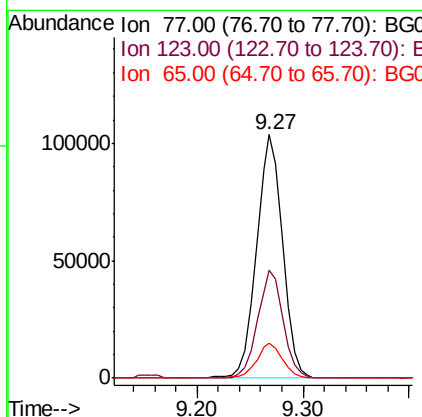
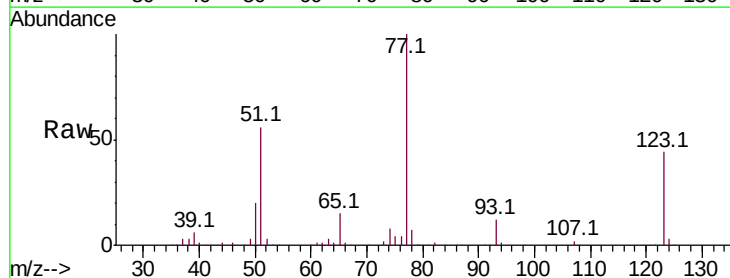
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

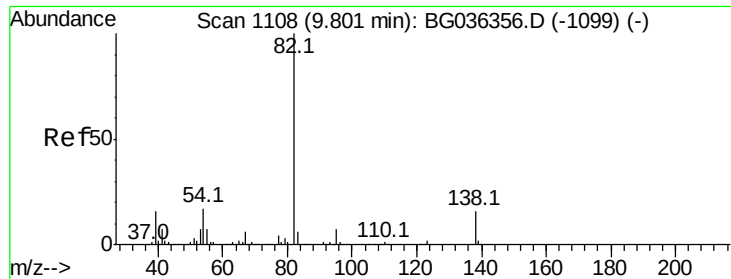
Tot Ion:	82	Resp:	357687
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	53.9	45.1	67.7



#24
 Nitrobenzene
 Concen: 30.875 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:	77	Resp:	177674
Ion	Ratio	Lower	Upper
77	100		
123	44.2	32.4	48.6
65	14.6	11.5	17.3

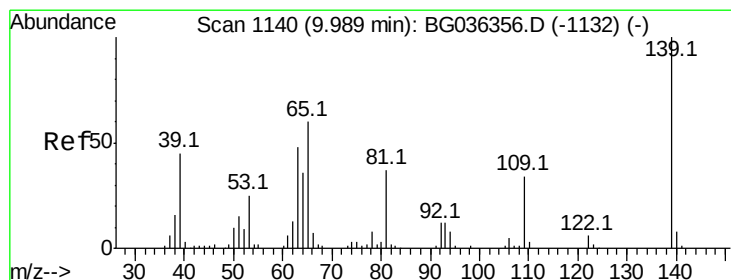
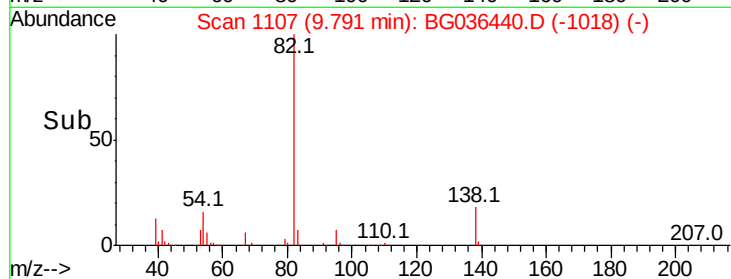
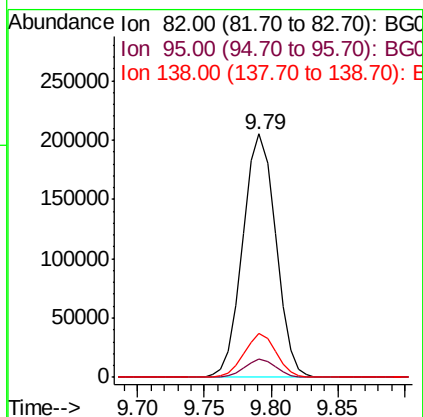
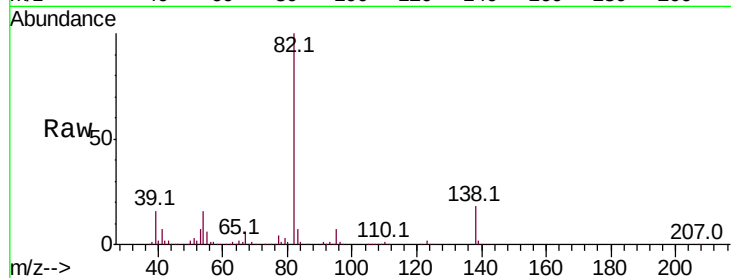




#25
Isophorone
Concen: 33.152 ng
RT: 9.79 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

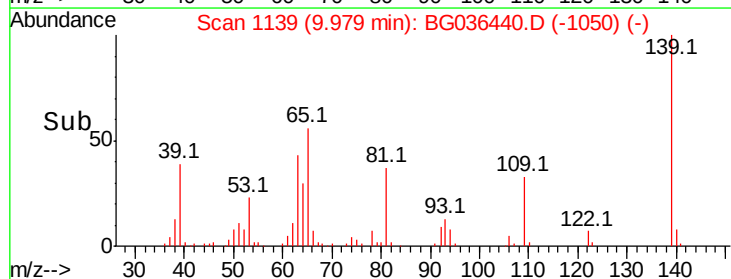
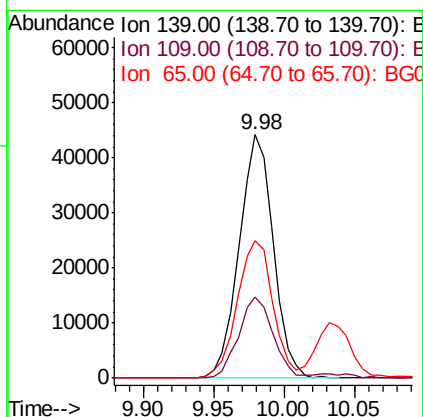
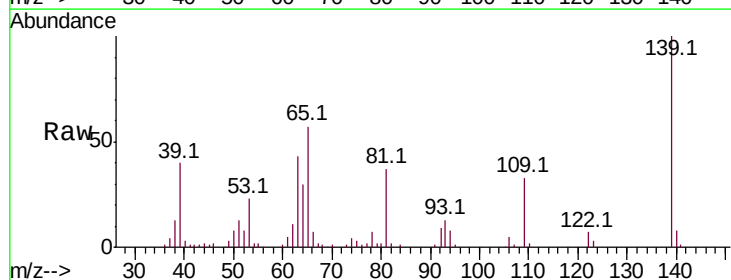
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

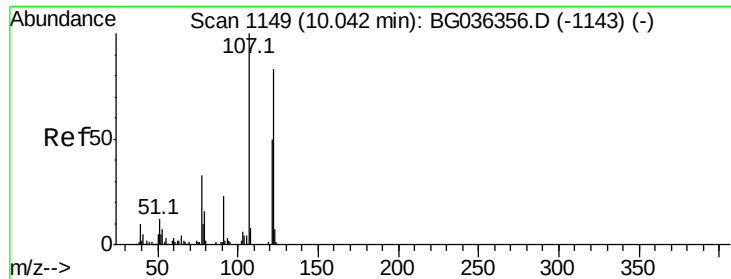
Tot Ion: 82 Resp: 351463
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.8 12.9 19.3



#26
2-Nitrophenol
Concen: 32.812 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion:139 Resp: 74825
Ion Ratio Lower Upper
139 100
109 33.1 27.4 41.0
65 56.7 47.8 71.6

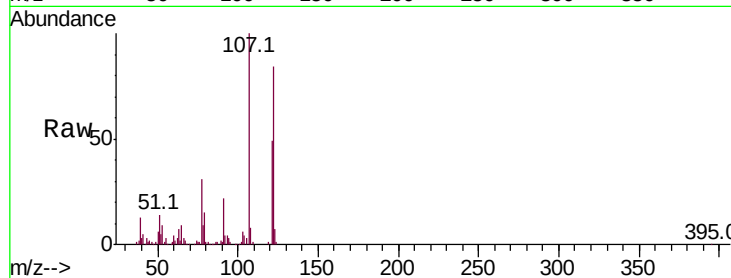




#27
2,4-Dimethylphenol
Concen: 36.446 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	96.0	144.0
121	58.2	48.2	72.4

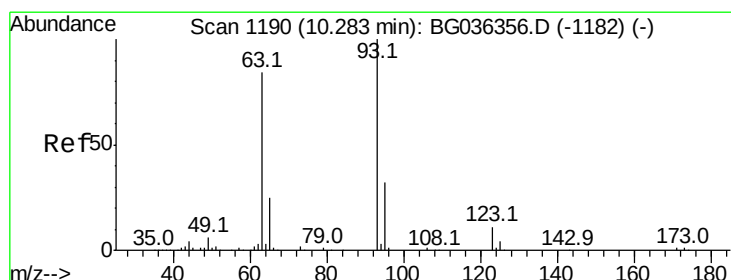
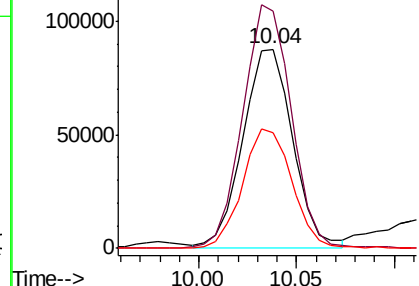
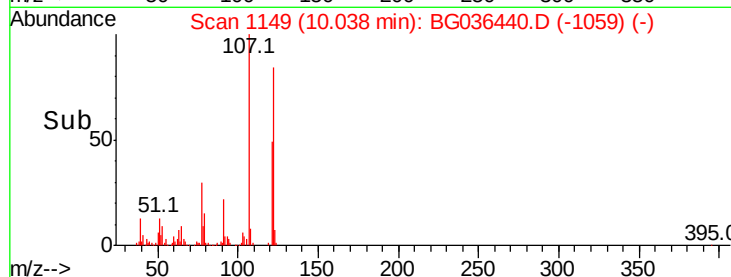


Abundance

Ion 122.00 (121.70 to 122.70): E

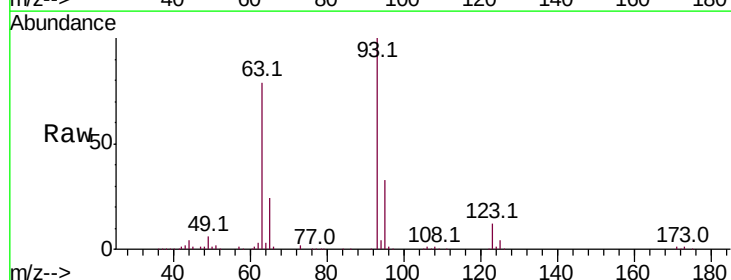
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 31.400 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.2	37.8
123	11.6	8.6	12.8

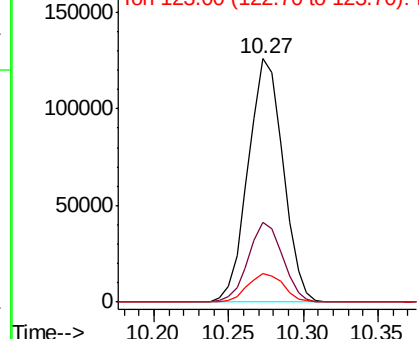
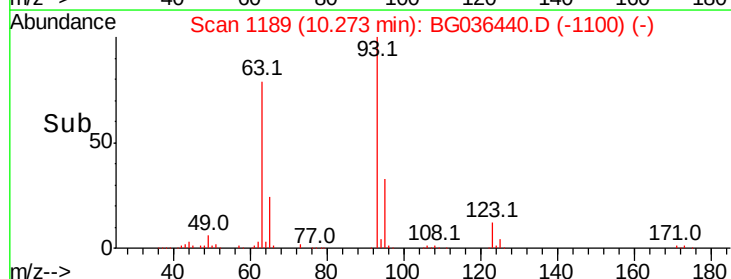


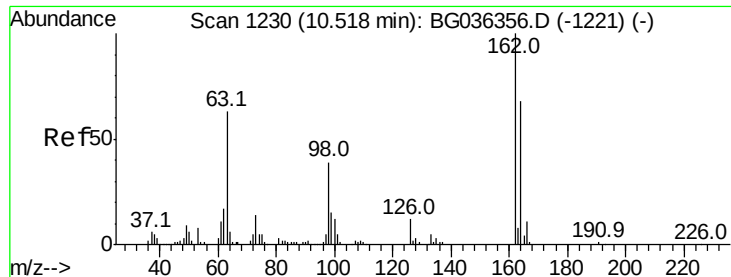
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

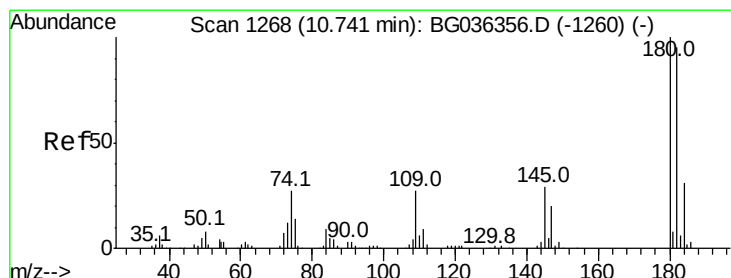
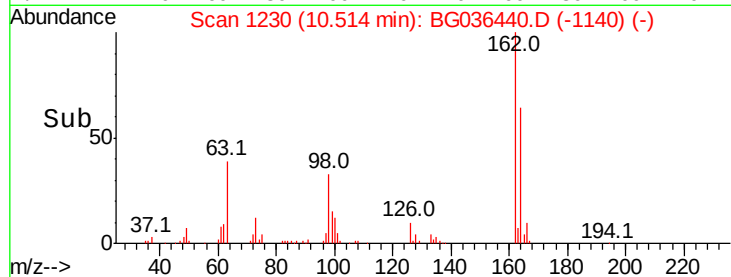
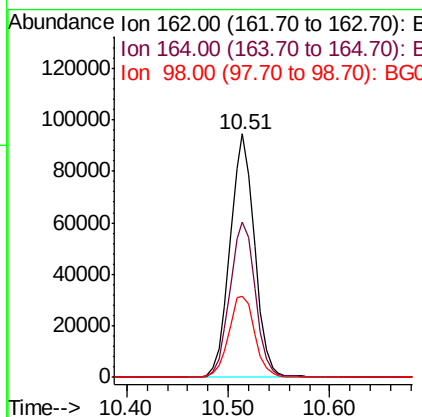
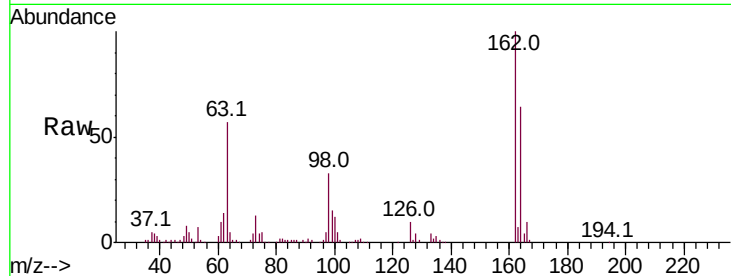




#29
 2,4-Dichlorophenol
 Concen: 34.113 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

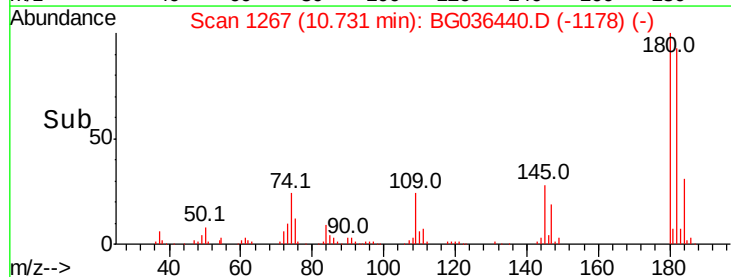
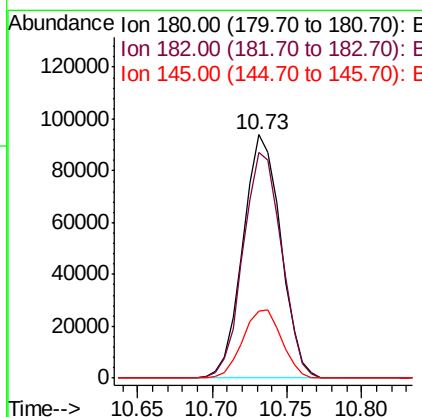
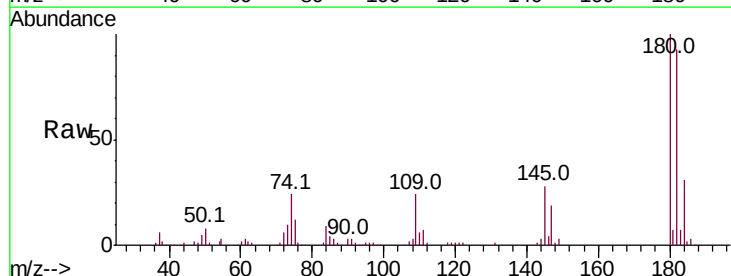
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

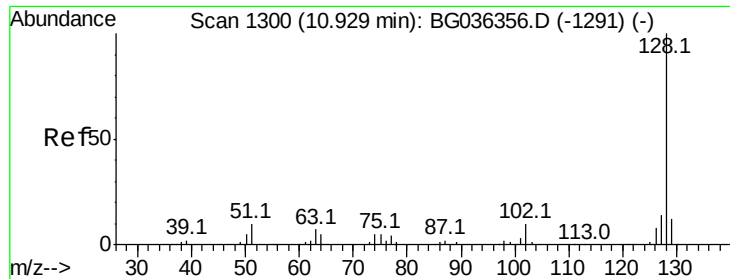
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	47.6	87.6
98	33.3	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 30.469 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.0	114.0
145	27.6	22.9	34.3

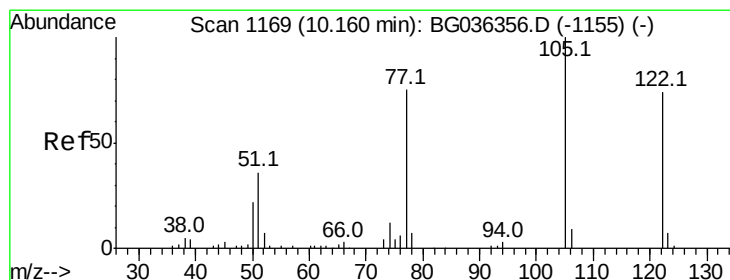
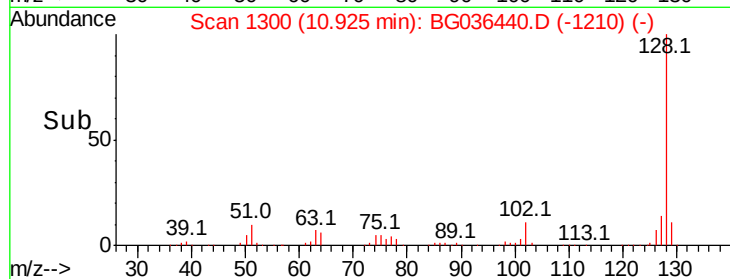
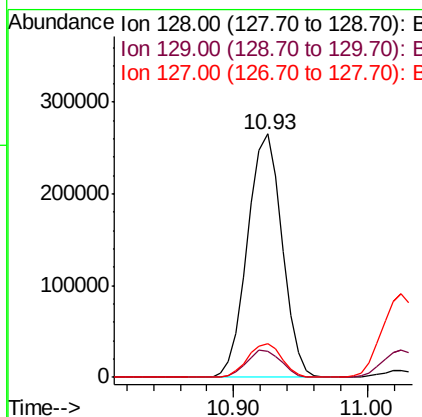
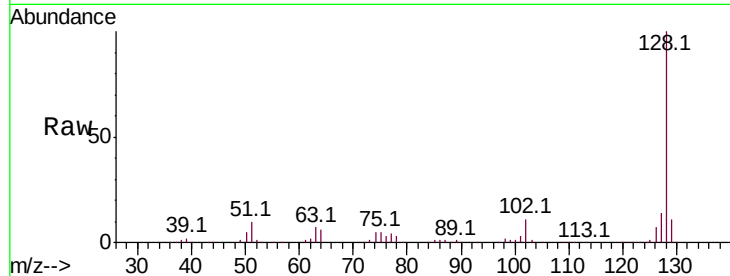




#31
Naphthalene
Concen: 32.747 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

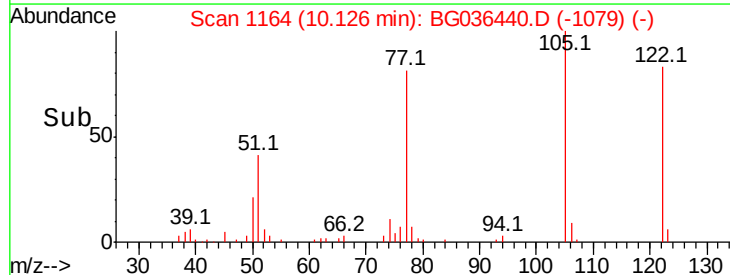
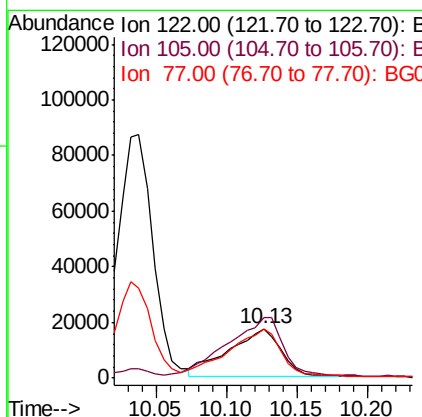
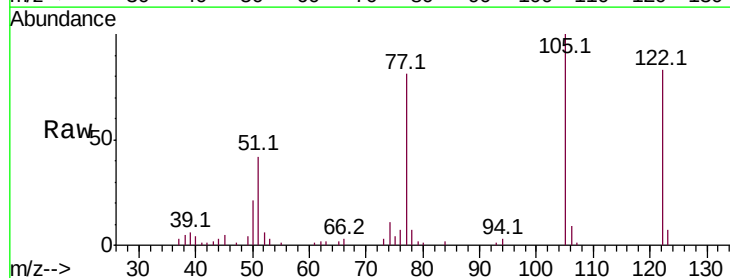
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

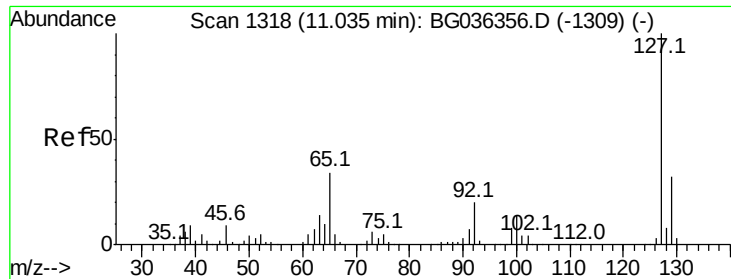
Tot Ion:128 Resp: 473996
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 17.470 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion:122 Resp: 44847
Ion Ratio Lower Upper
122 100
105 120.9 108.1 148.1
77 98.1 76.3 116.3

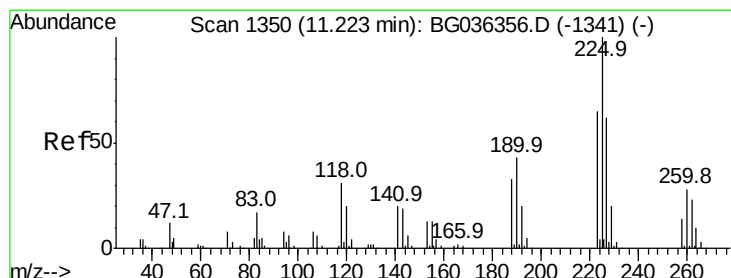
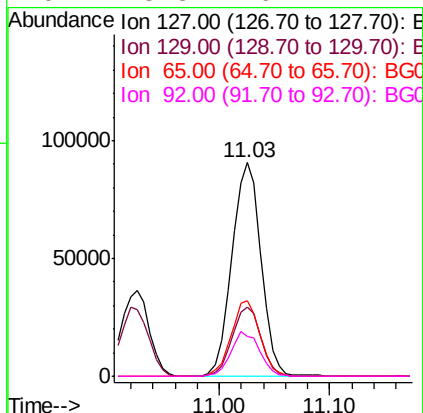
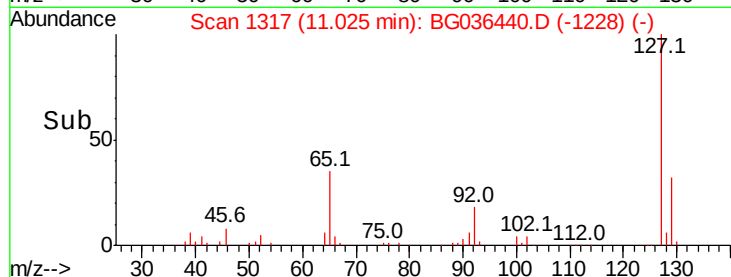
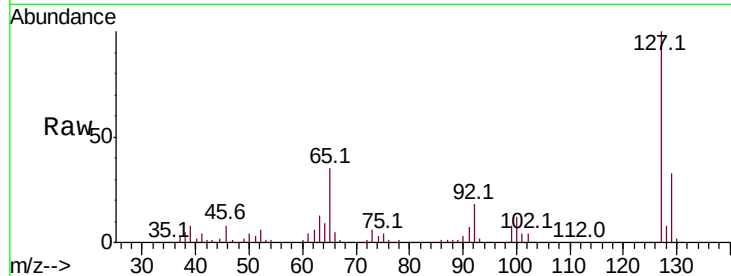




#33
4-Chloroaniline
Concen: 25.292 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

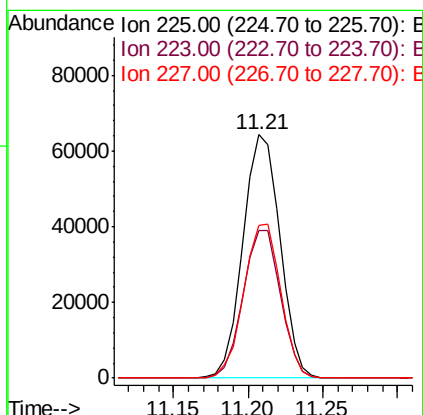
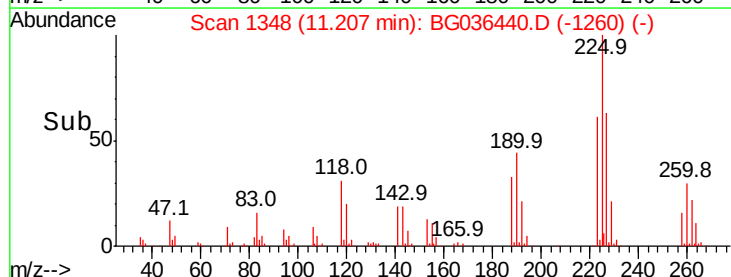
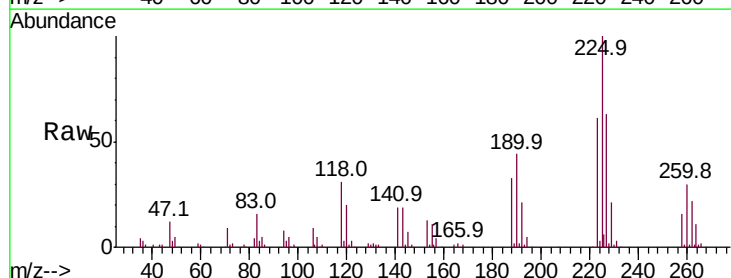
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

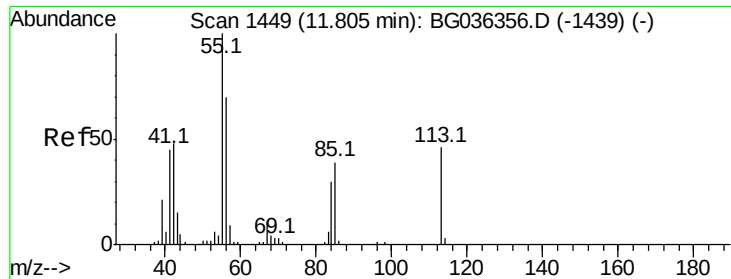
Tot Ion:	127	Resp:	167755
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	35.2	27.5	41.3
92	18.3	16.2	24.2



#34
Hexachlorobutadiene
Concen: 30.357 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion:	225	Resp:	110402
Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.8	77.8
227	62.9	49.8	74.6





#35

Caprolactam

Concen: 31.924 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

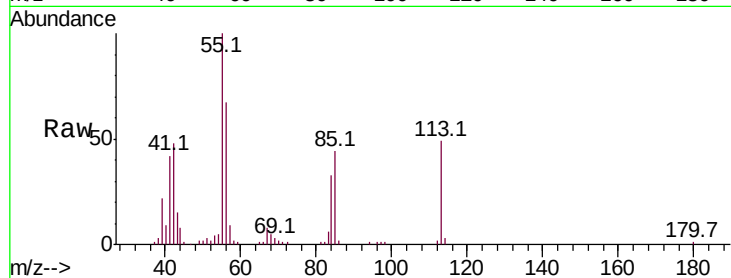
Tot Ion:113 Resp: 58842

Ion Ratio Lower Upper

113 100

55 202.6 197.7 237.7

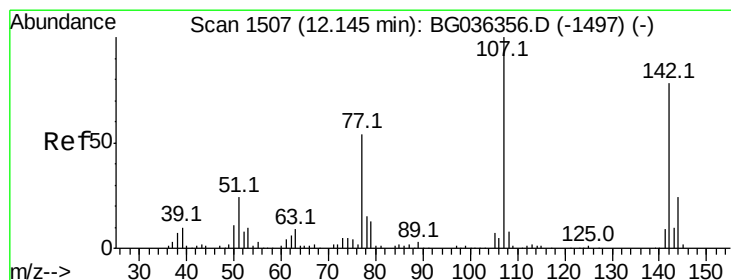
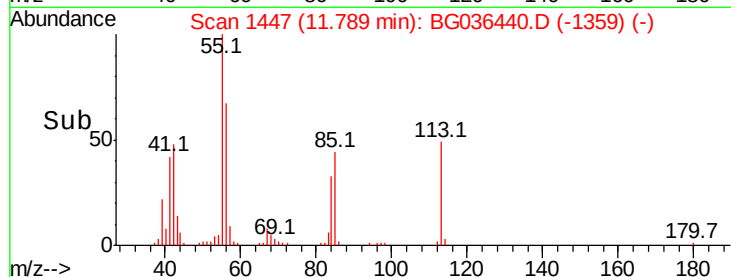
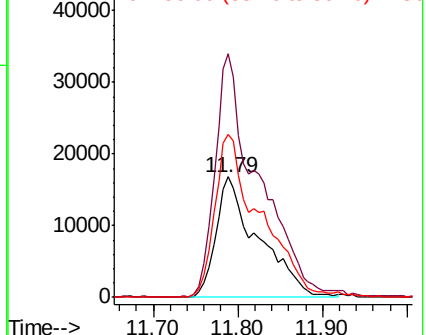
56 135.8 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 32.620 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

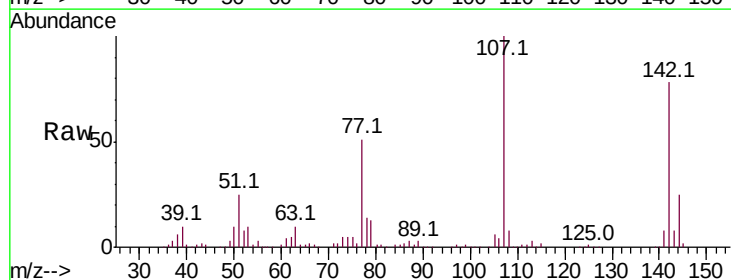
Tgt Ion:107 Resp: 175374

Ion Ratio Lower Upper

107 100

144 25.2 19.5 29.3

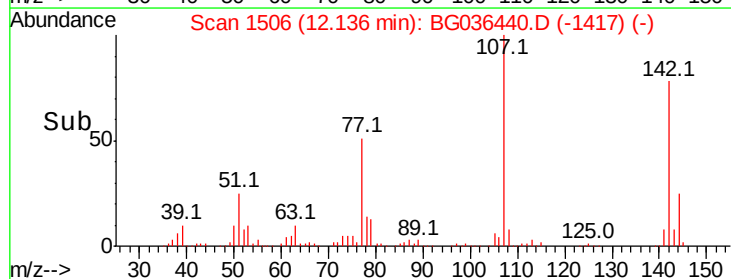
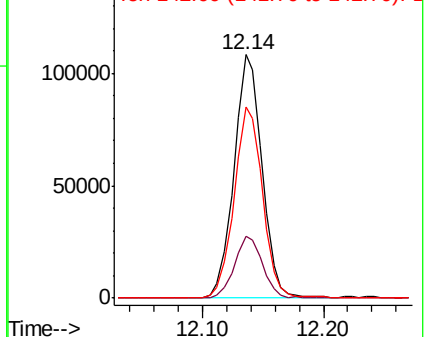
142 78.3 62.4 93.6

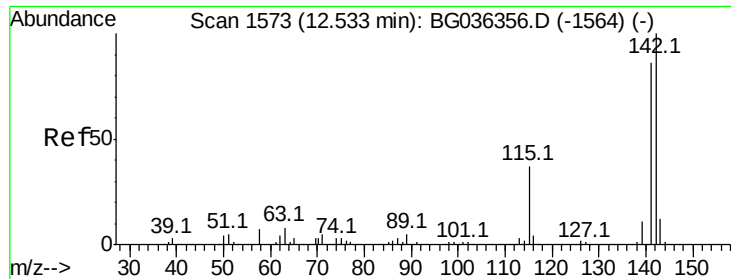


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

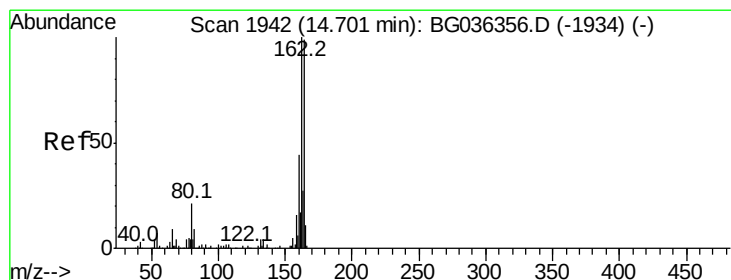
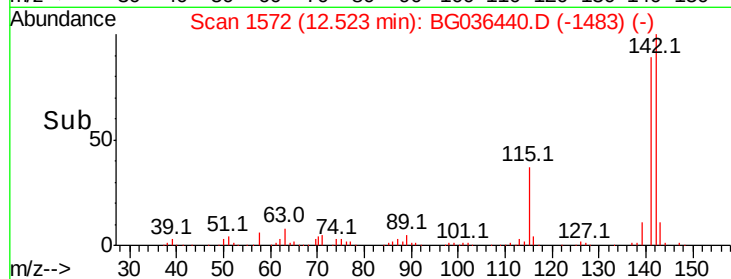
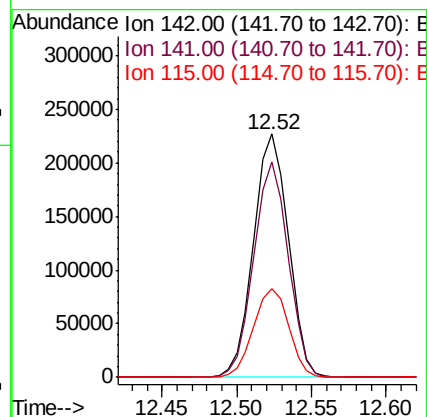
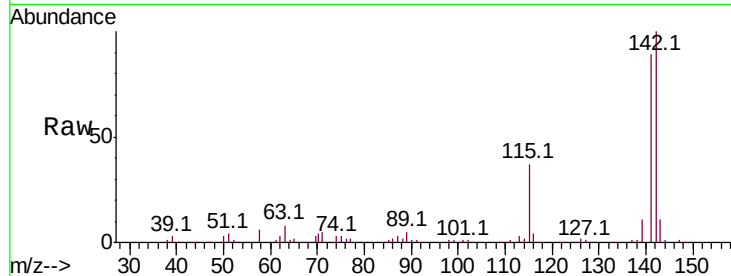




#37
 2-Methylnaphthalene
 Concen: 34.586 ng
 RT: 12.52 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

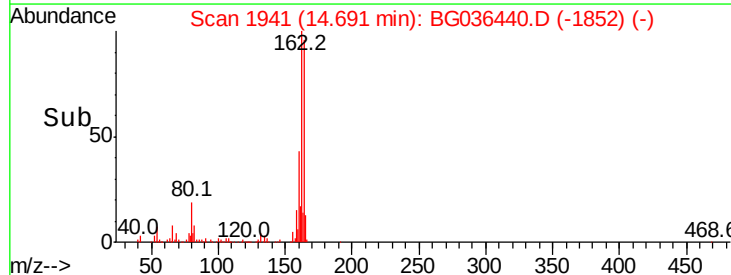
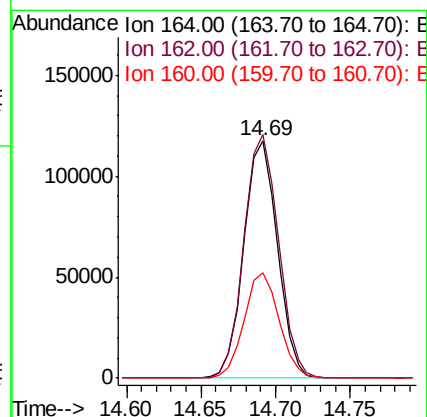
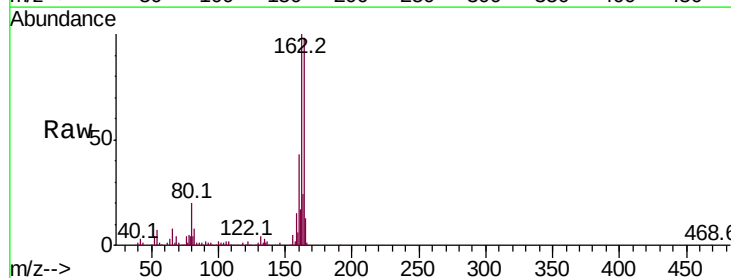
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

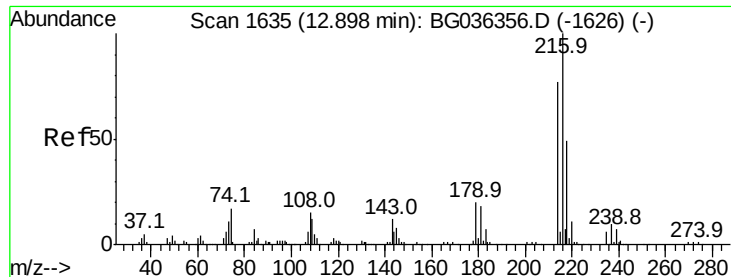
Tot Ion:	142	Resp:	366296
Ion	Ratio	Lower	Upper
142	100		
141	88.6	68.5	102.7
115	36.7	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:	164	Resp:	183351
Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	44.5	35.3	52.9

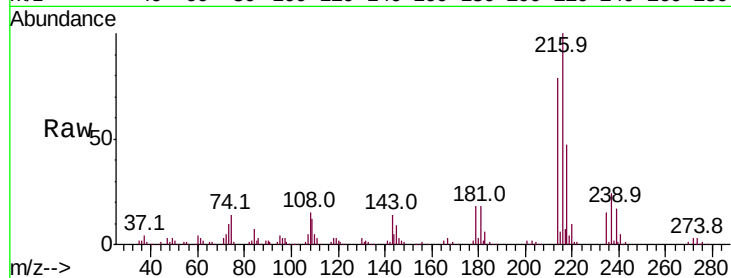




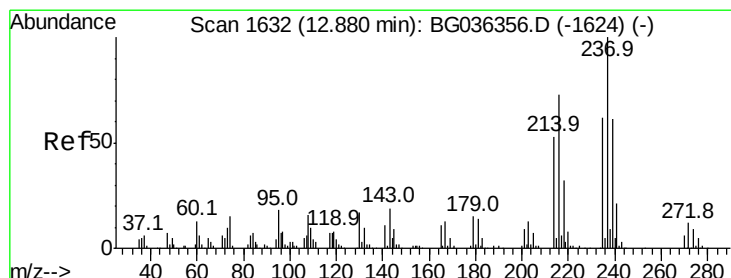
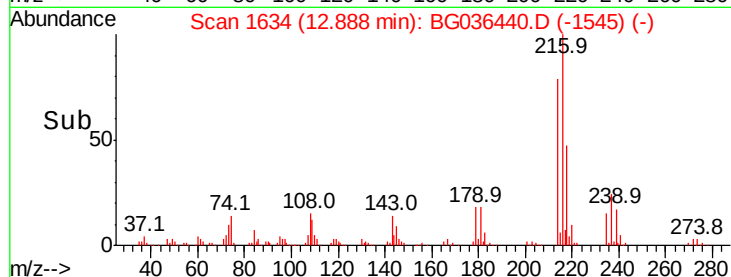
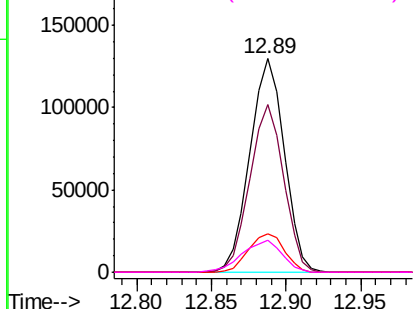
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.872 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Tot Ion:	216	Resp:	206803
Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.0	91.6
179	18.7	15.7	23.5
108	17.4	13.1	19.7

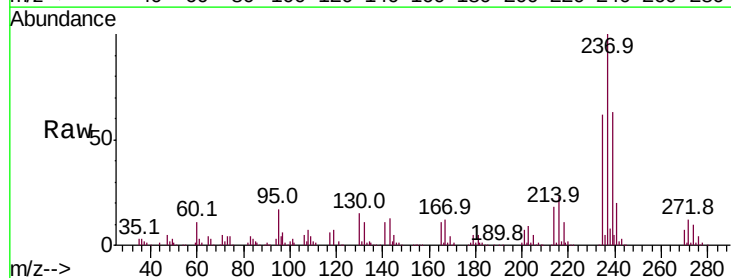


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

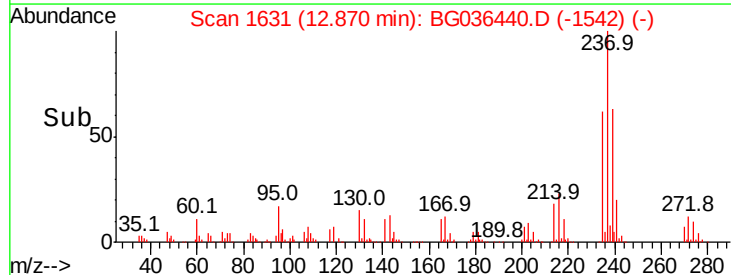
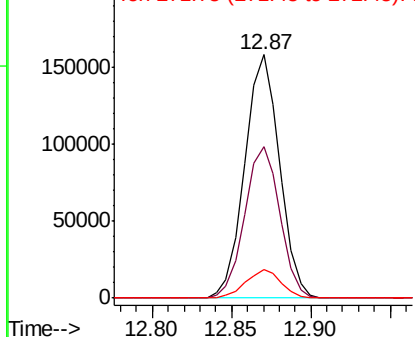


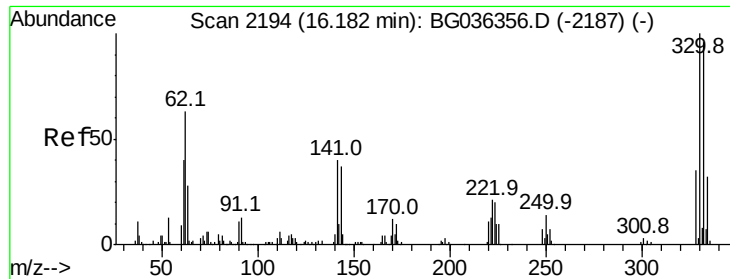
#40
 Hexachlorocyclopentadiene
 Concen: 71.193 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:	237	Resp:	240350
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.2	82.2
272	11.5	0.0	32.1



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

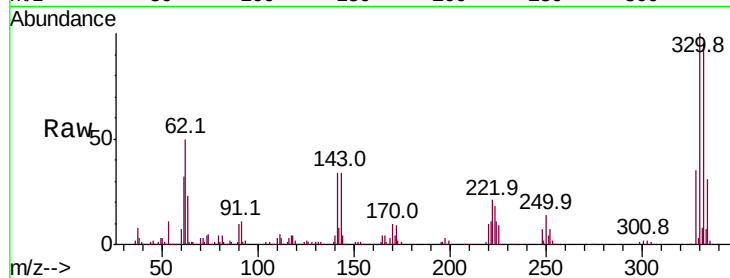




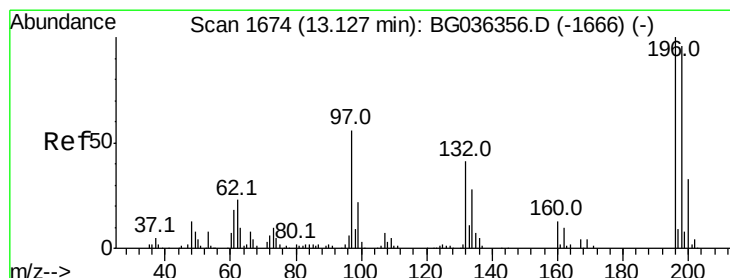
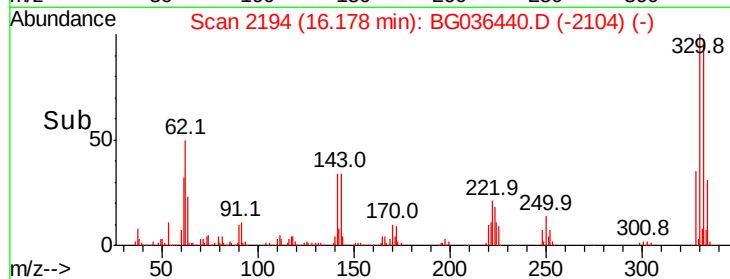
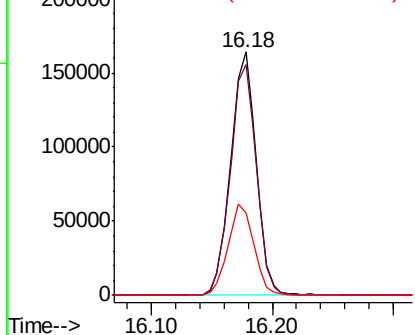
#41
 2,4,6-Tribromophenol
 Concen: 111.211 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	37.6	30.7	46.1

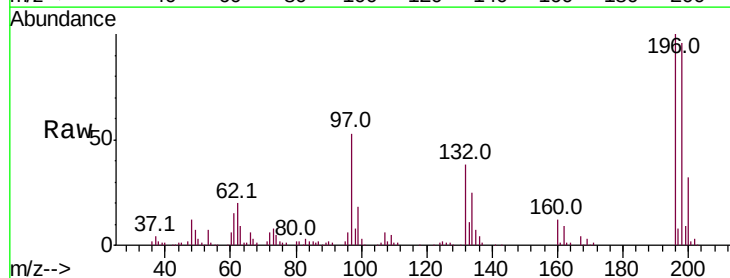


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

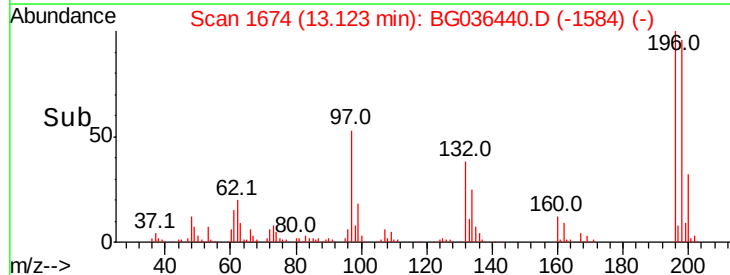
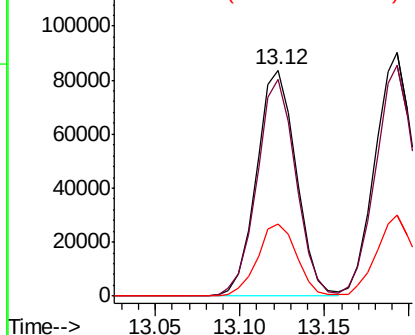


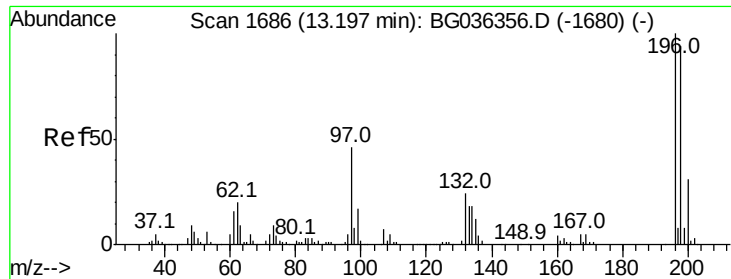
#42
 2,4,6-Trichlorophenol
 Concen: 34.252 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.2	115.8
200	31.8	26.3	39.5



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

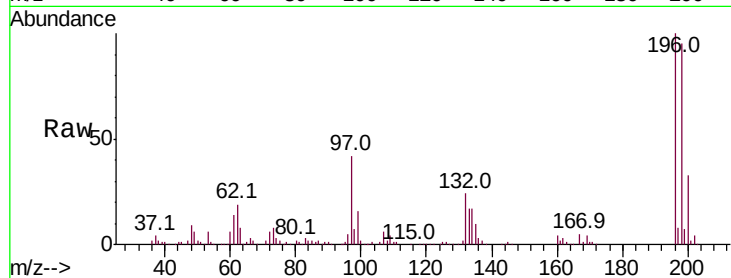




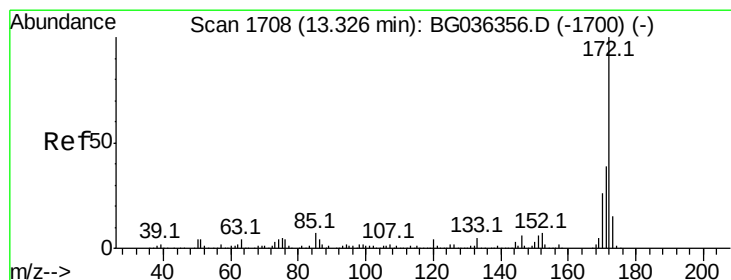
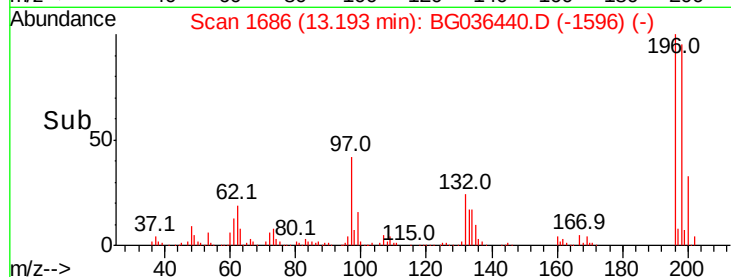
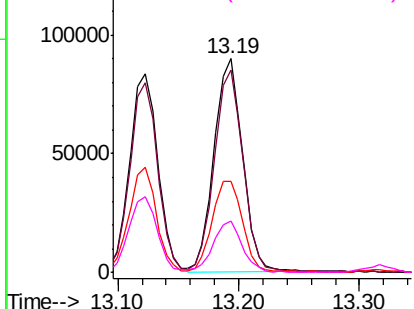
#43
 2,4,5-Trichlorophenol
 Concen: 34.887 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Tot Ion:	196	Resp:	147078
Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.6	113.4
97	42.4	37.2	55.8
132	23.9	19.4	29.2

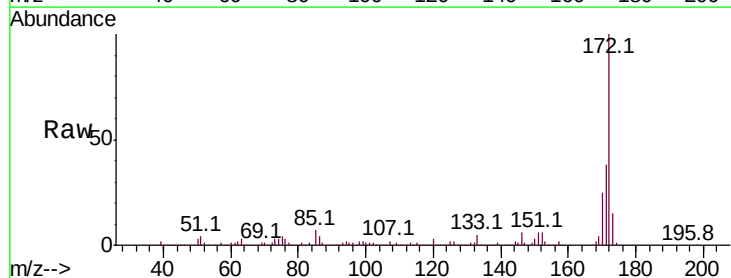


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

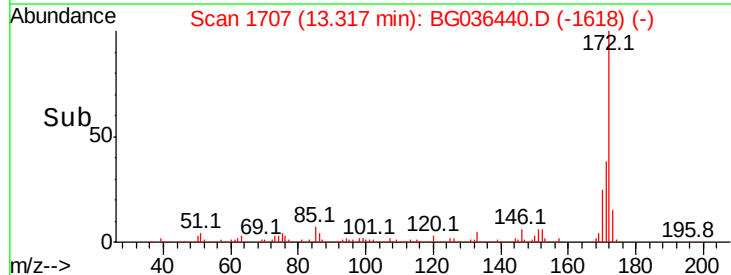
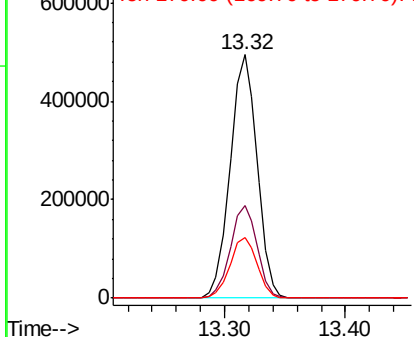


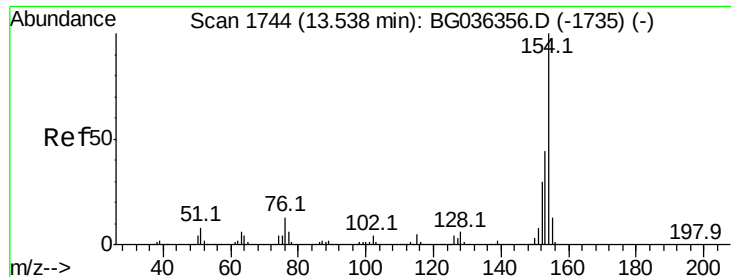
#44
 2-Fluorobiphenyl
 Concen: 59.711 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:	172	Resp:	766772
Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.1	21.0	31.6



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: 30.998 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

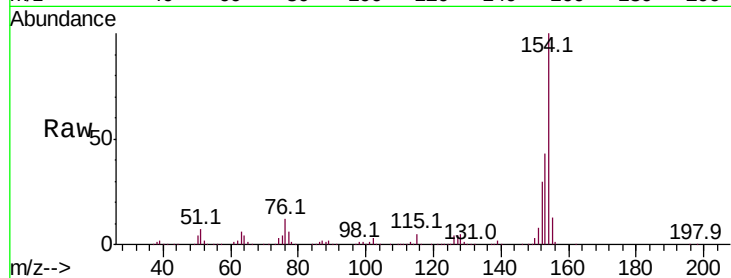
Tot Ion:154 Resp: 471779

Ion Ratio Lower Upper

154 100

153 43.1 24.0 64.0

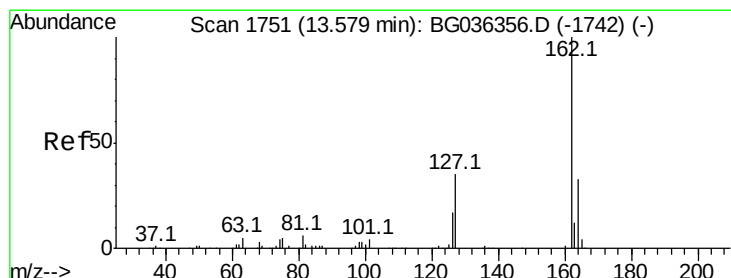
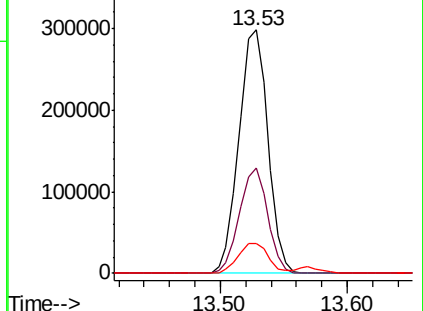
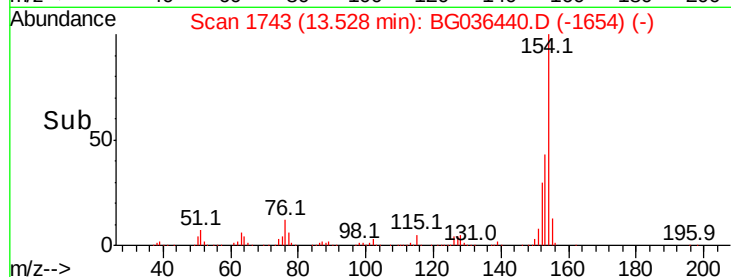
76 12.4 0.0 32.9



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): BGC



#46

2-Chloronaphthalene

Concen: 30.941 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

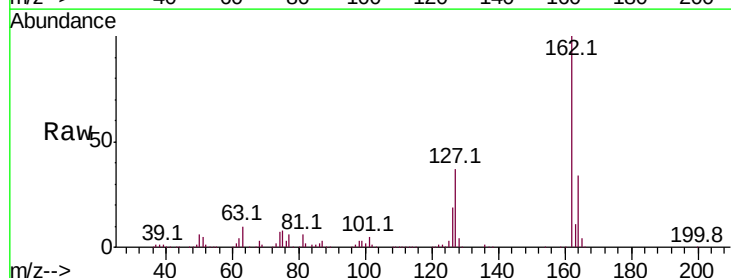
Tgt Ion:162 Resp: 359498

Ion Ratio Lower Upper

162 100

127 36.9 30.7 46.1

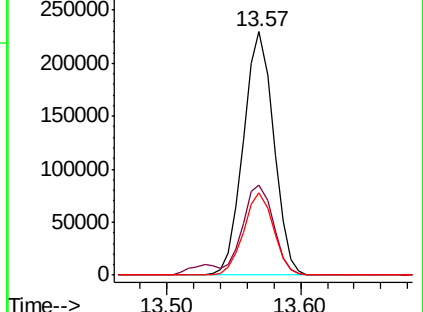
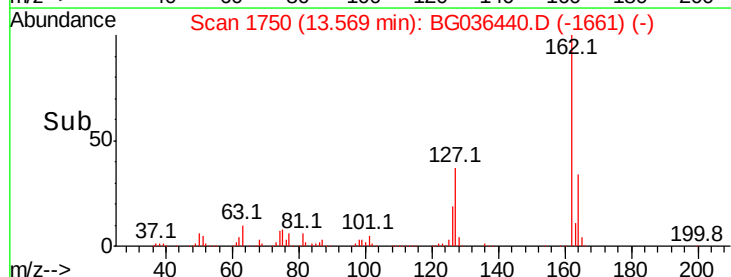
164 33.7 26.7 40.1

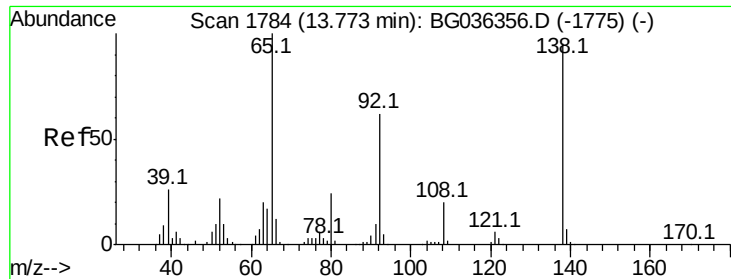


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

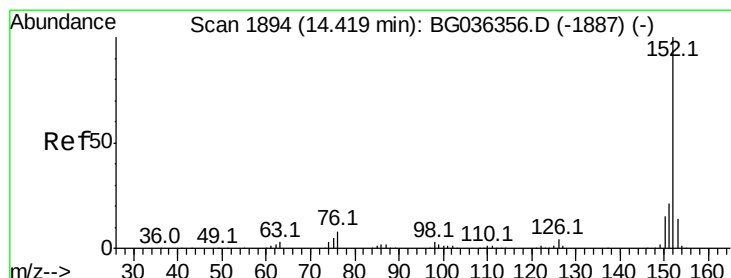
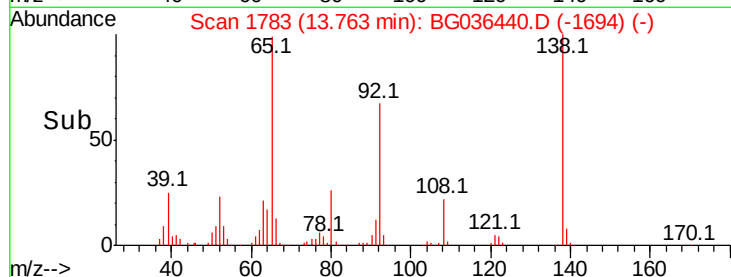
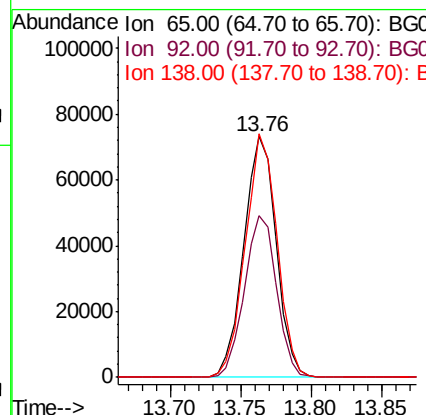
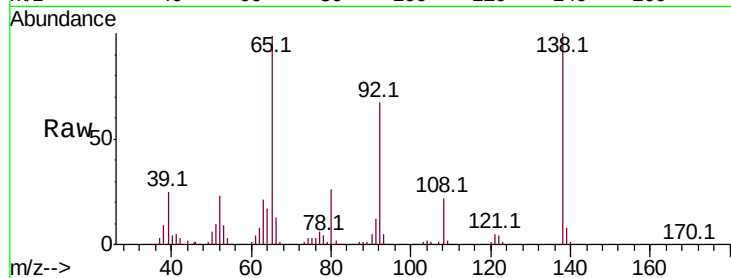




#47
2-Nitroaniline
Concen: 32.215 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

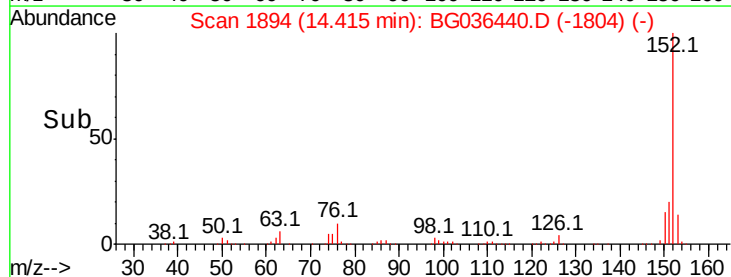
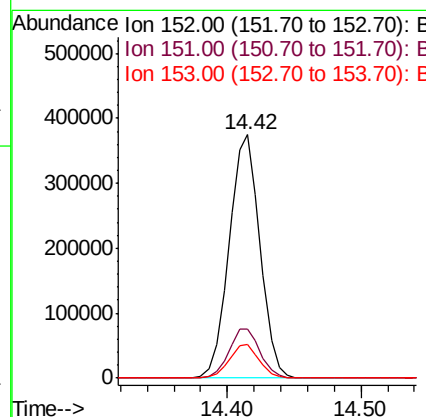
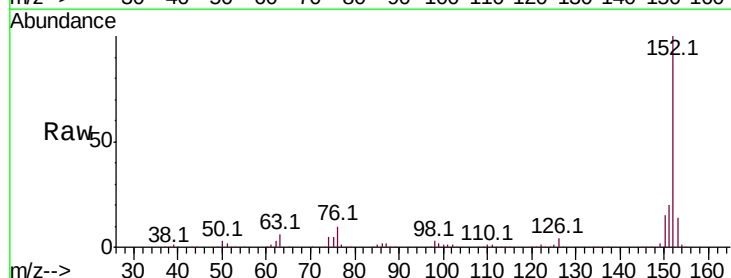
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

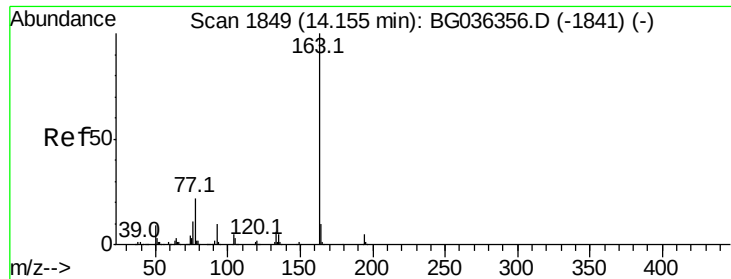
Tot Ion: 65 Resp: 117536
Ion Ratio Lower Upper
65 100
92 67.5 49.9 74.9
138 101.2 76.2 114.4



#48
Acenaphthylene
Concen: 33.131 ng
RT: 14.42 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion: 152 Resp: 601602
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.8 11.2 16.8





#49

Dimethylphthalate

Concen: 38.483 ng

RT: 14.14 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

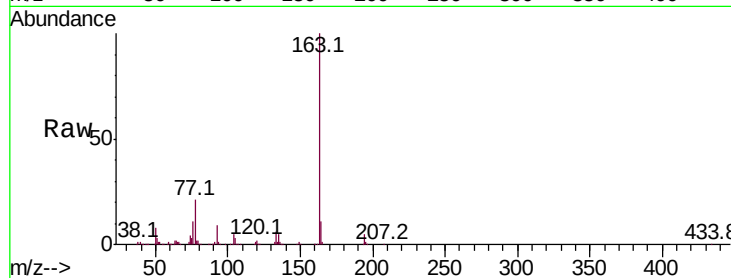
Tot Ion:163 Resp: 576160

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

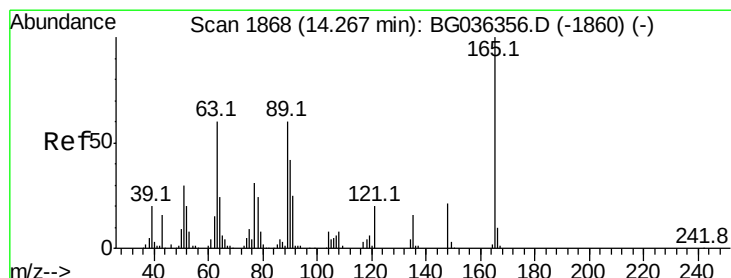
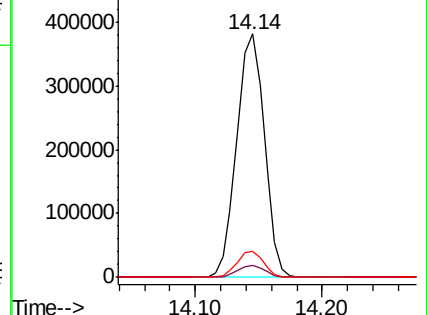
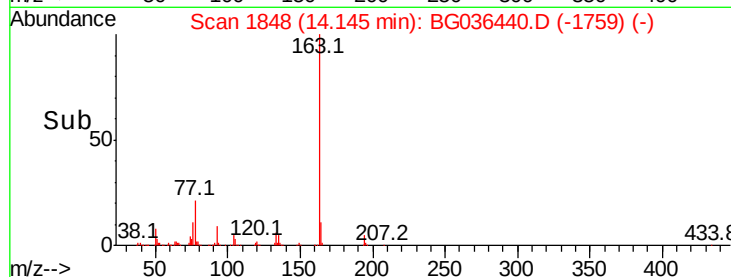
164 10.9 8.1 12.1



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: 32.677 ng

RT: 14.26 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

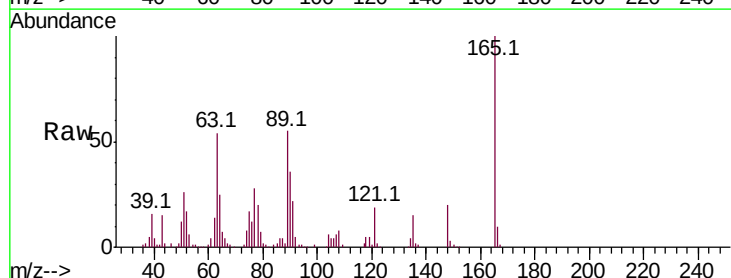
Tgt Ion:165 Resp: 100670

Ion Ratio Lower Upper

165 100

63 54.3 50.1 75.1

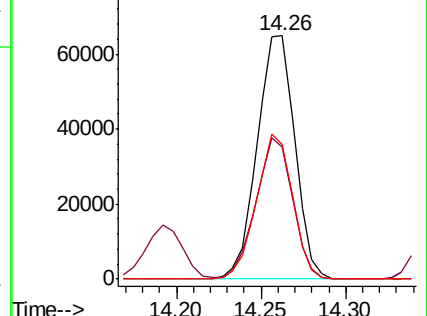
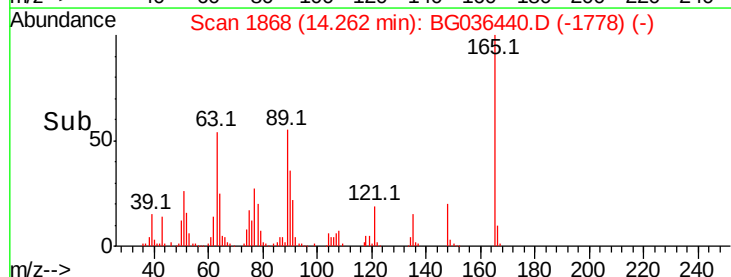
89 55.2 47.8 71.6

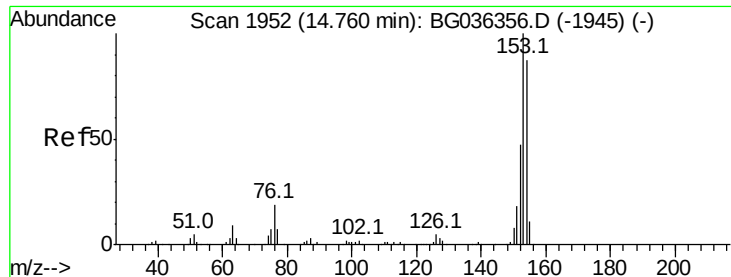


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 33.537 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

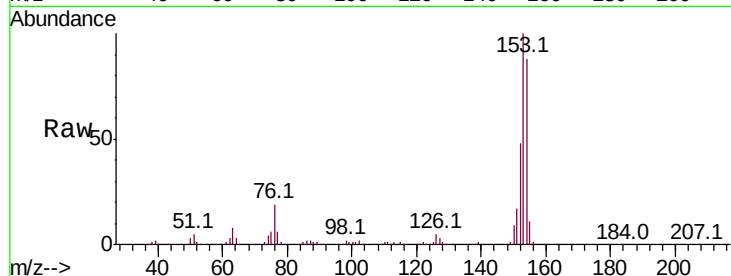
Tot Ion:154 Resp: 390017

Ion Ratio Lower Upper

154 100

153 113.9 91.8 137.6

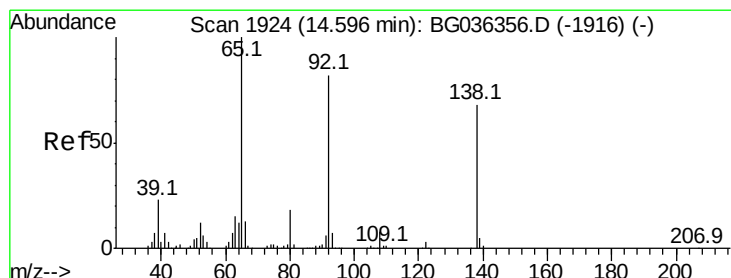
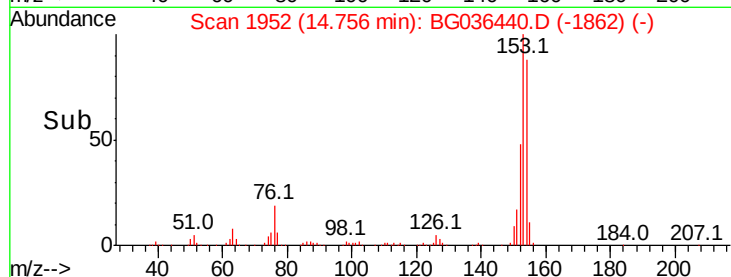
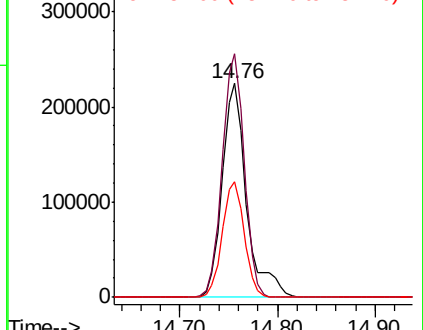
152 54.2 43.5 65.3



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: 27.301 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

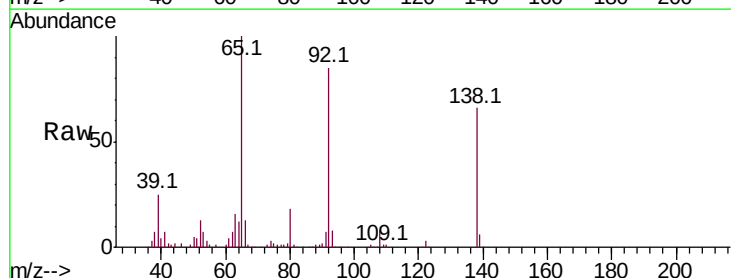
Tgt Ion:138 Resp: 90636

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.2

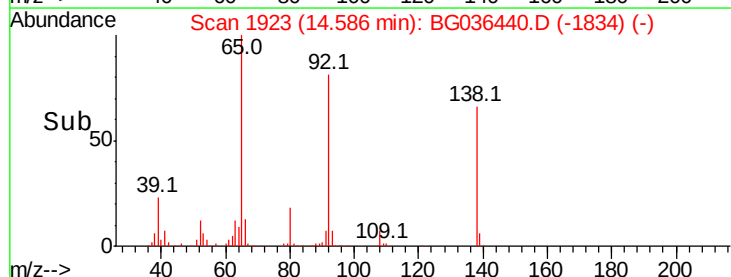
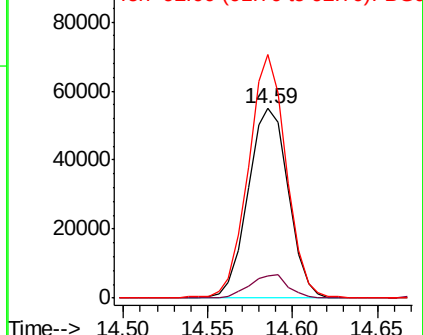
92 128.5 96.8 145.2

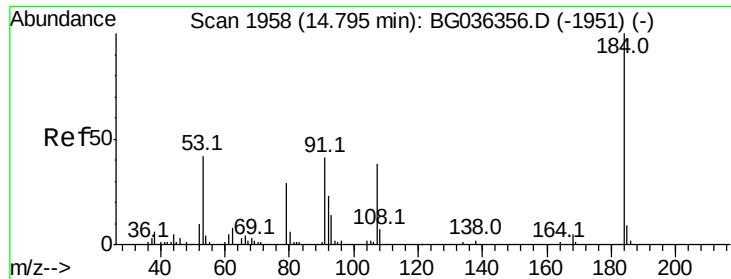


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

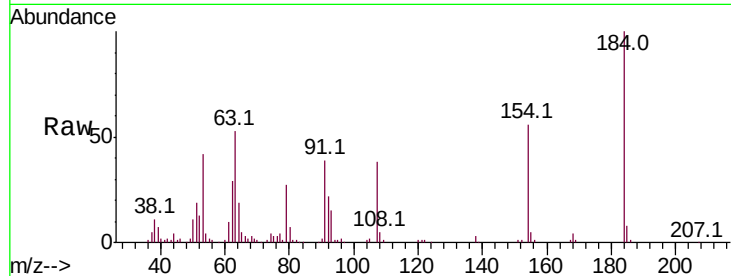




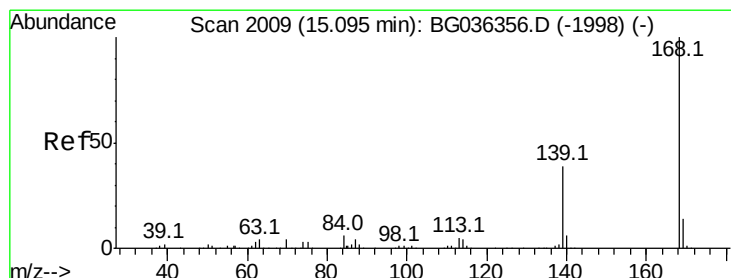
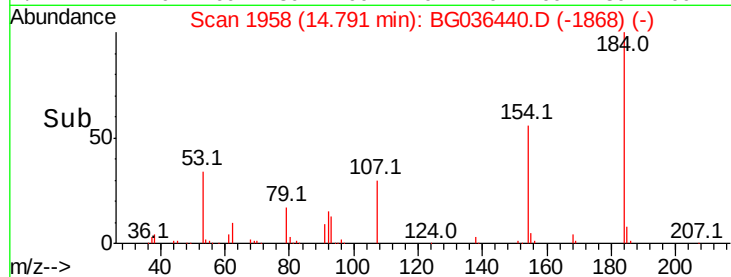
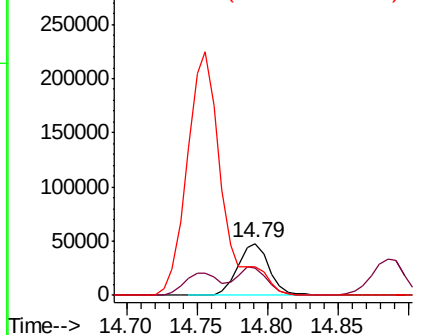
#53
 2,4-Dinitrophenol
 Concen: 64.237 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Tot Ion:184 Resp: 74959
 Ion Ratio Lower Upper
 184 100
 63 53.5 47.3 70.9
 154 55.8 51.1 76.7

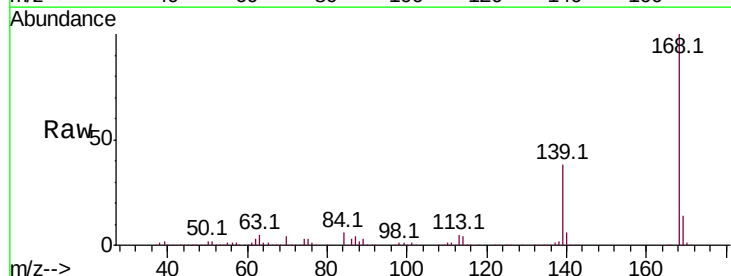


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

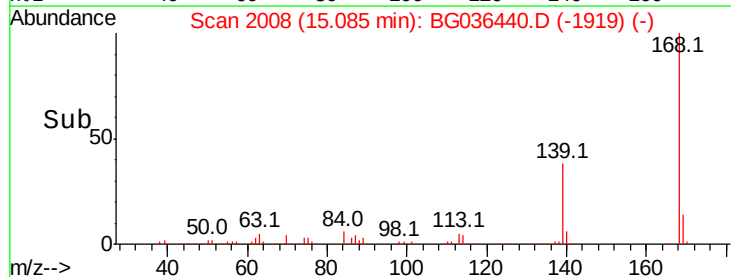
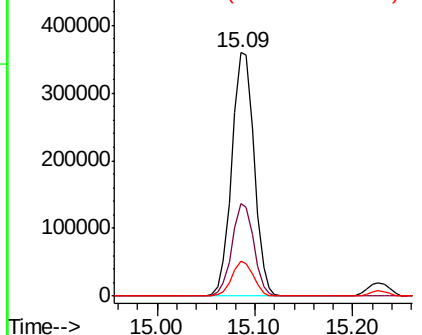


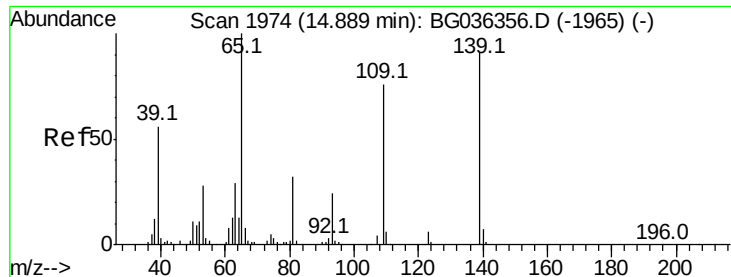
#54
 Dibenzofuran
 Concen: 31.315 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:168 Resp: 570534
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.0 46.6
 169 14.2 11.1 16.7



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

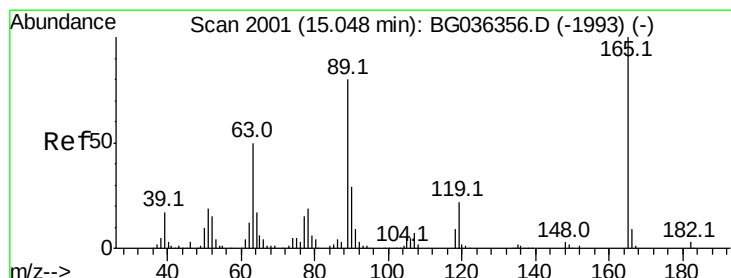
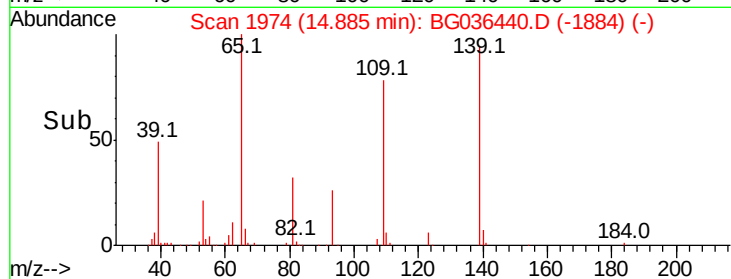
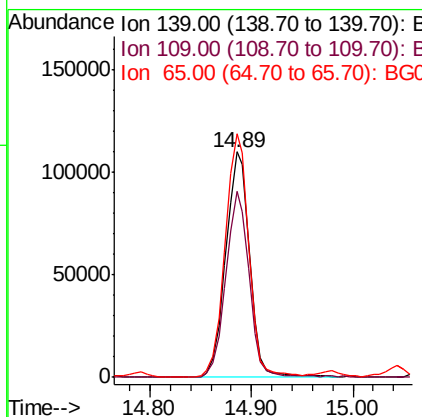
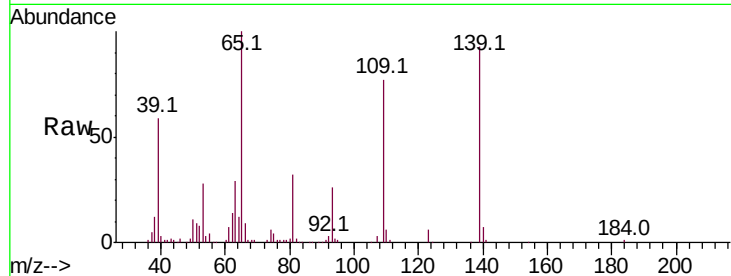




#55
4-Nitrophenol
Concen: 66.071 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

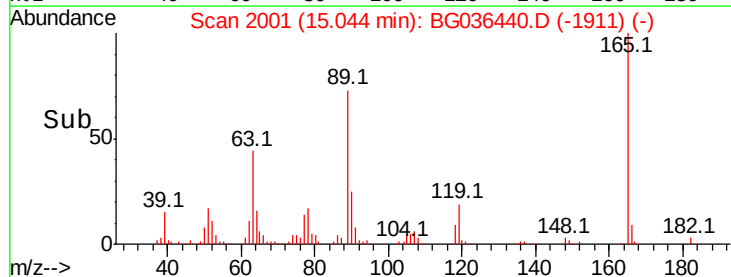
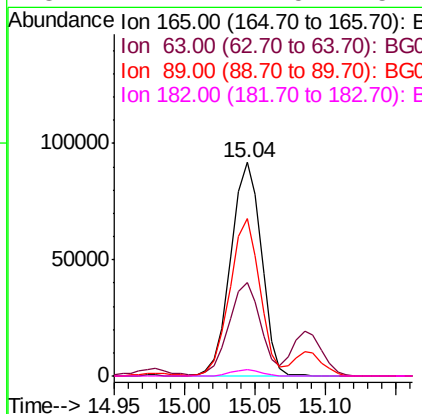
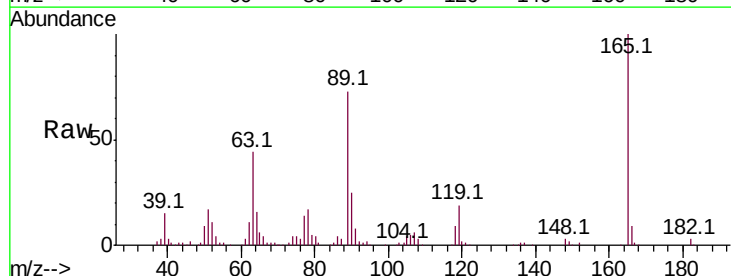
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

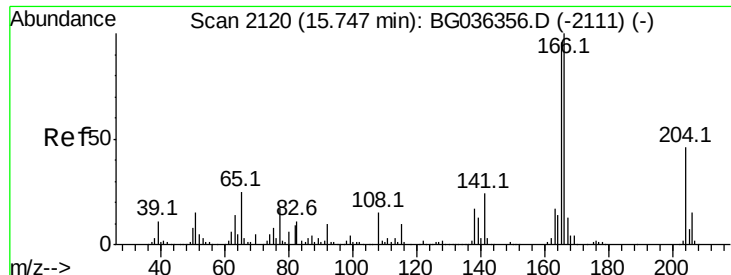
Tot Ion:139 Resp: 179346
Ion Ratio Lower Upper
139 100
109 82.8 63.9 103.9
65 108.0 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 34.637 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion:165 Resp: 139074
Ion Ratio Lower Upper
165 100
63 43.6 40.1 60.1
89 73.4 63.7 95.5
182 2.7 2.5 3.7





#57

Fluorene

Concen: 33.485 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

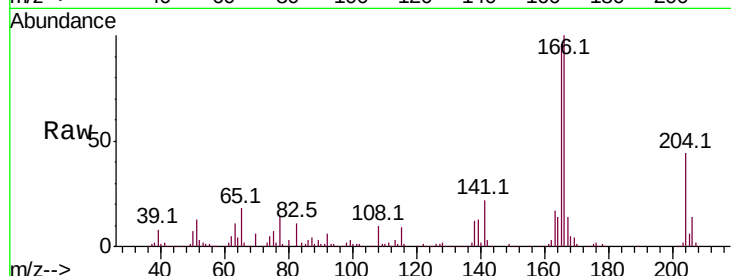
Tot Ion:166 Resp: 456069

Ion Ratio Lower Upper

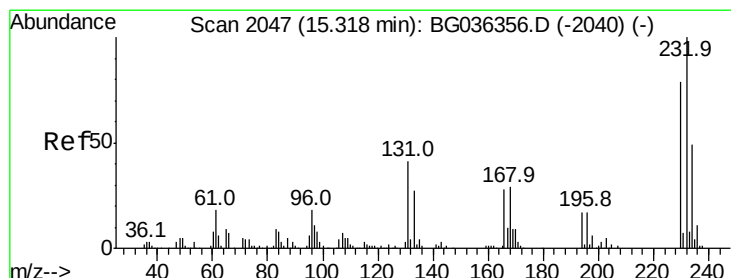
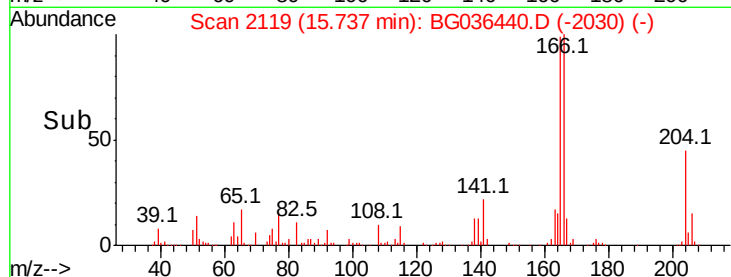
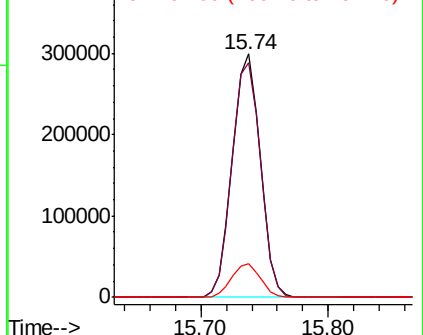
166 100

165 96.3 77.0 115.4

167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.963 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Tgt Ion:232 Resp: 142447

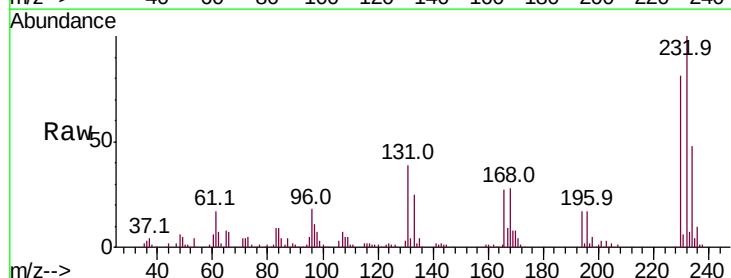
Ion Ratio Lower Upper

232 100

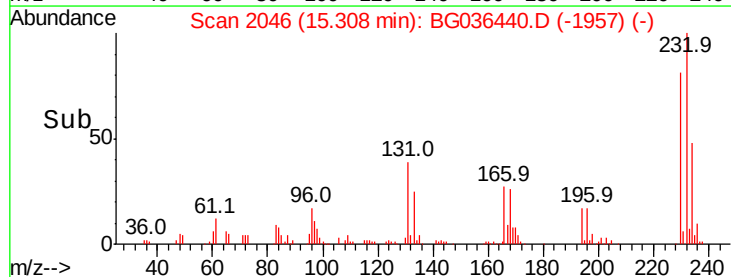
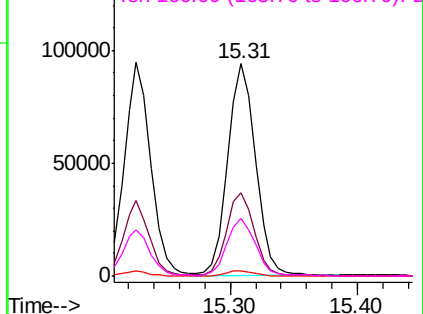
131 38.3 33.8 50.8

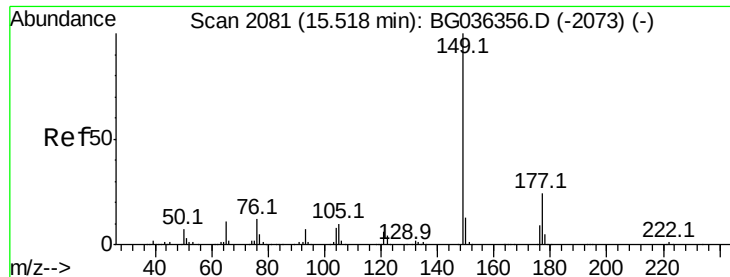
130 2.6 2.1 3.1

166 27.2 22.3 33.5



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

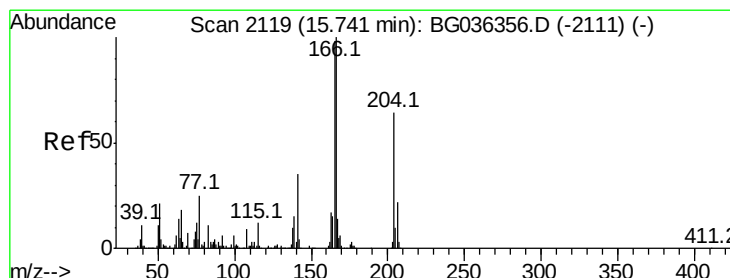
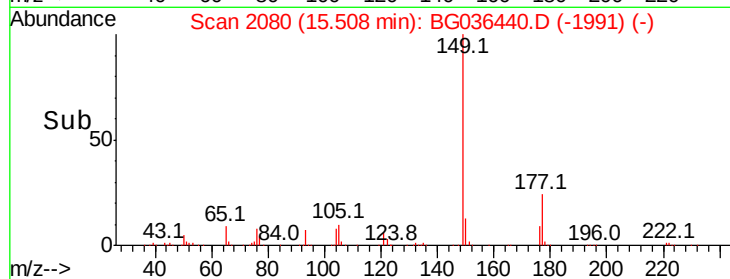
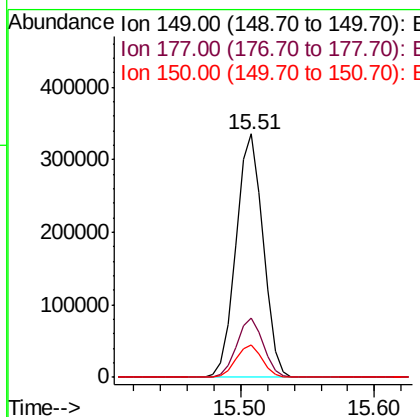
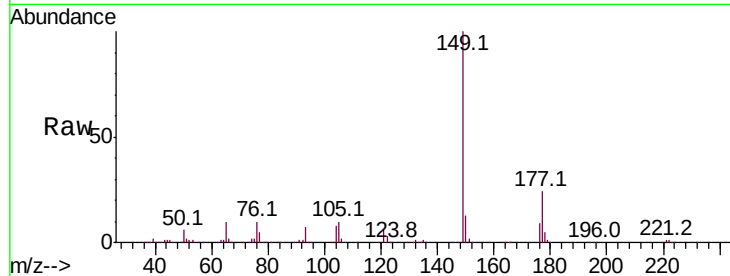




#59
Diethylphthalate
Concen: 31.243 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

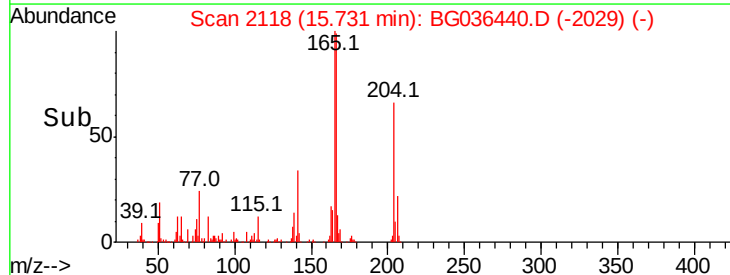
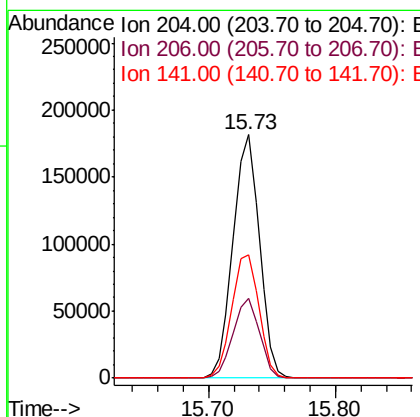
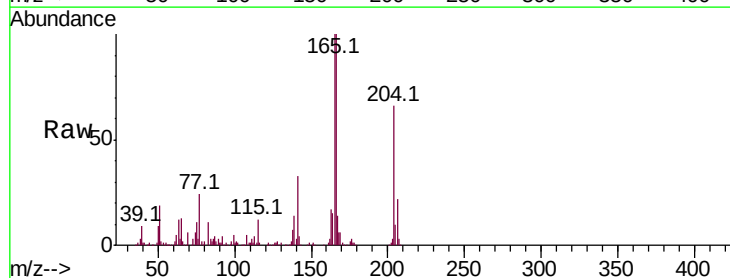
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

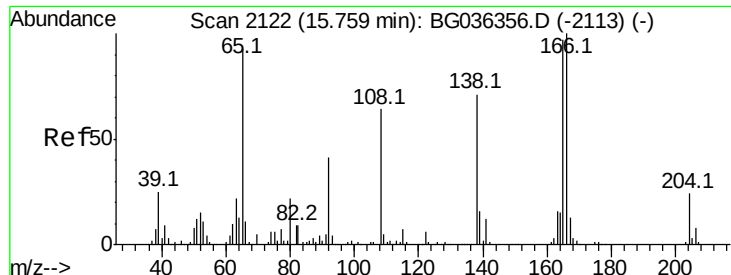
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.1	28.7
150	13.2	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 31.075 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	27.0	40.4
141	50.7	43.8	65.6





#61

4-Nitroaniline

Concen: 32.908 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

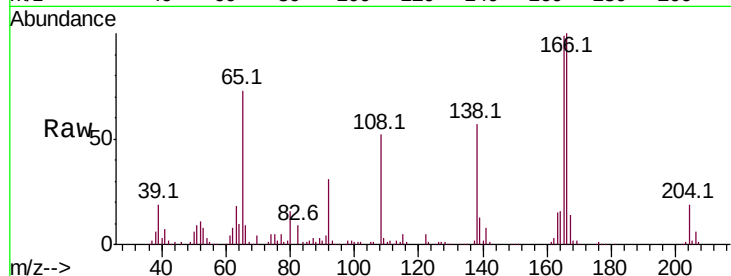
Tot Ion:138 Resp: 114323

Ion Ratio Lower Upper

138 100

92 54.4 38.5 78.5

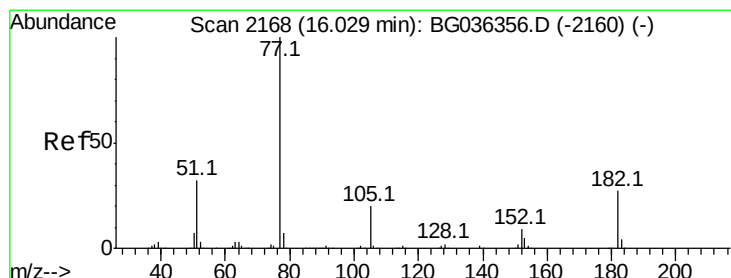
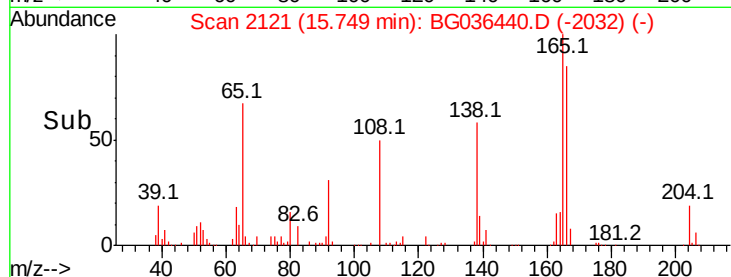
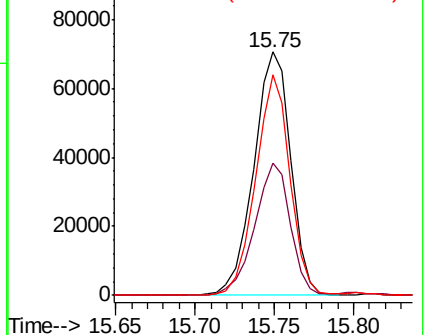
108 90.7 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.140 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Tgt Ion: 77 Resp: 462708

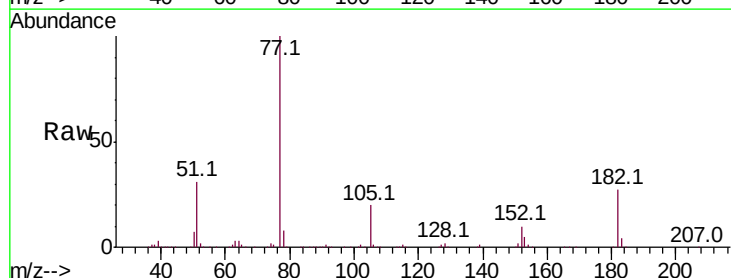
Ion Ratio Lower Upper

77 100

182 27.4 6.7 46.7

105 20.1 0.0 39.8

51 31.2 12.4 52.4

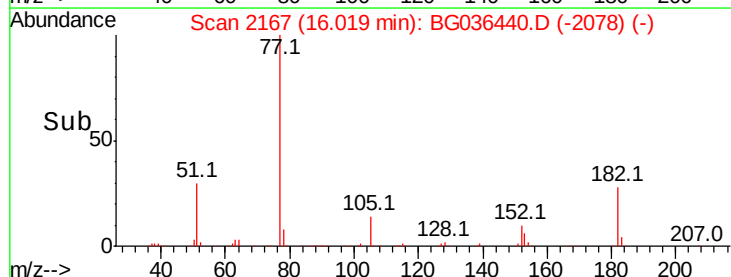
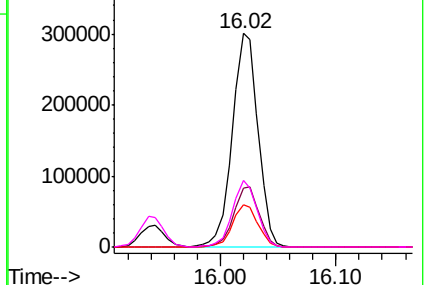


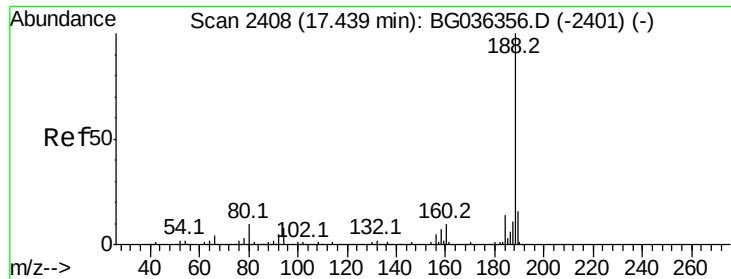
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

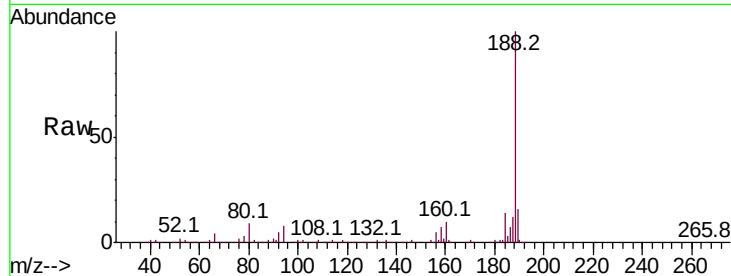




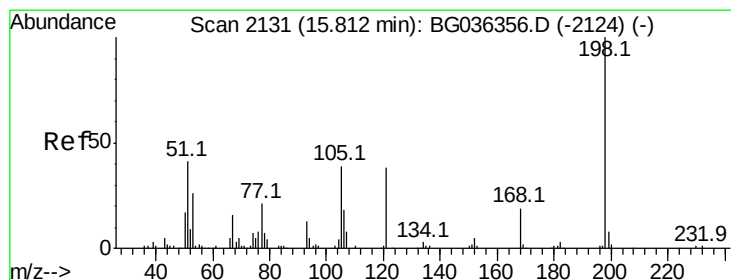
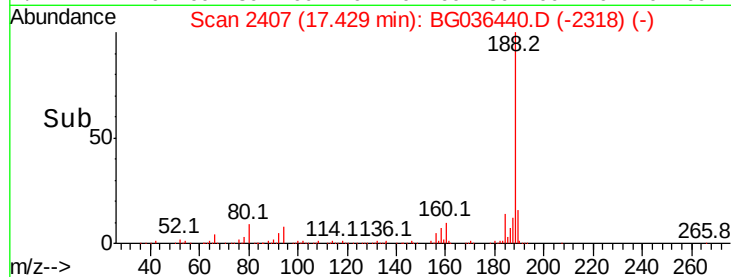
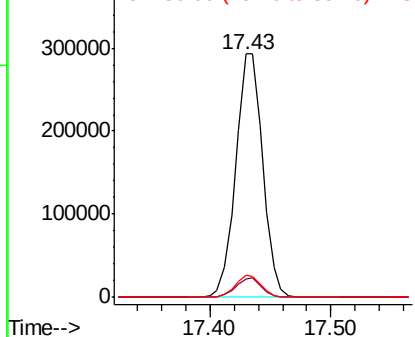
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

Tot Ion:188 Resp: 455743
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.2 8.1 12.1

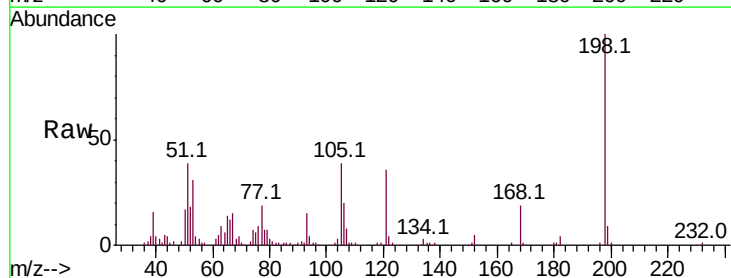


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

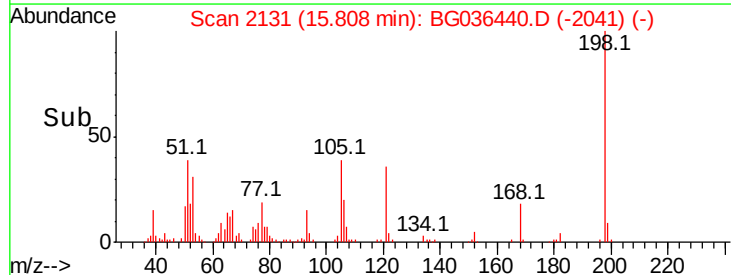
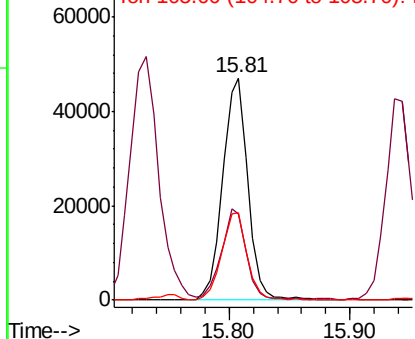


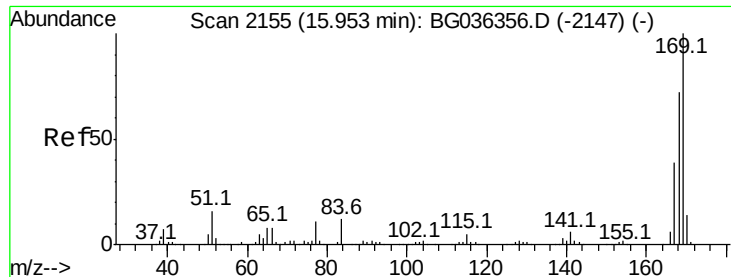
#64
4,6-Dinitro-2-methylphenol
Concen: 33.679 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion:198 Resp: 67426
Ion Ratio Lower Upper
198 100
51 38.8 26.5 66.5
105 39.5 20.2 60.2



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

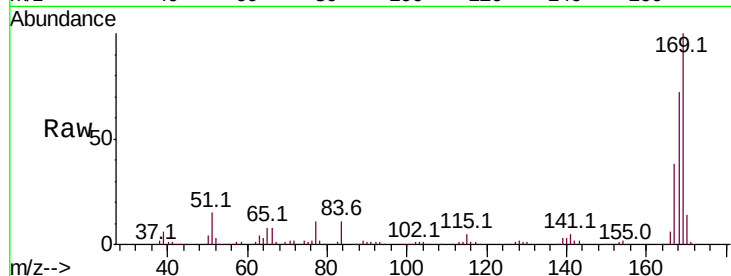




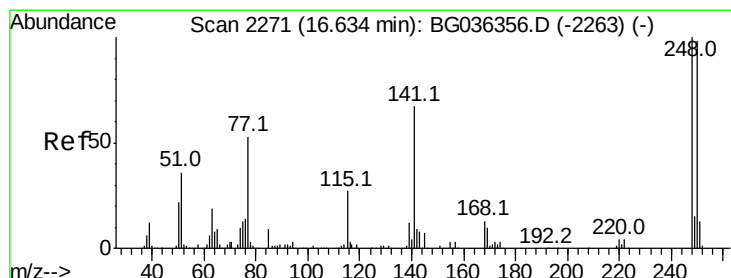
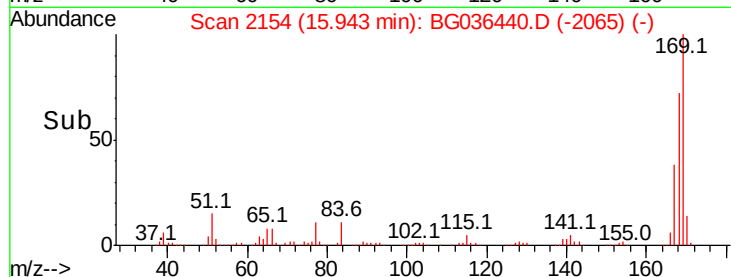
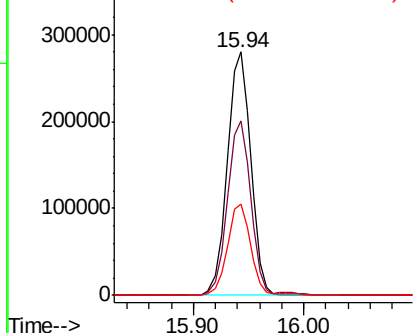
#65
 n-Nitrosodiphenylamine
 Concen: 30.767 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Tot Ion:169 Resp: 416639
 Ion Ratio Lower Upper
 169 100
 168 71.7 57.6 86.4
 167 37.6 31.0 46.4

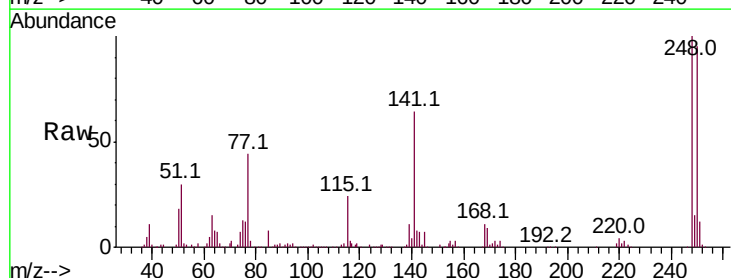


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

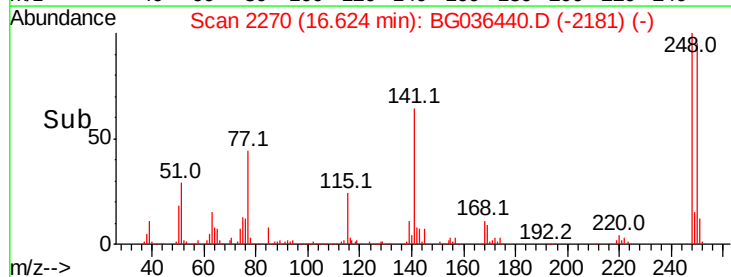
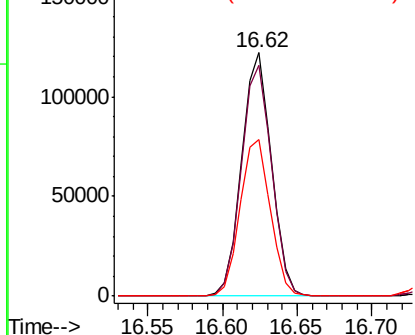


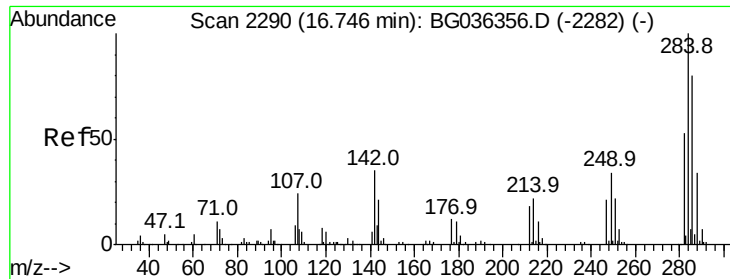
#66
 4-Bromophenyl-phenylether
 Concen: 31.455 ng
 RT: 16.62 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:248 Resp: 167836
 Ion Ratio Lower Upper
 248 100
 250 94.6 78.1 117.1
 141 64.1 53.7 80.5



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: 31.164 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

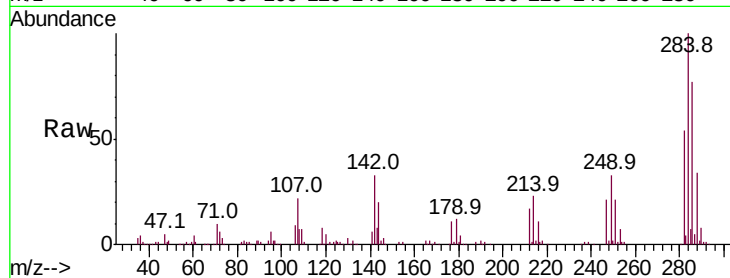
Tot Ion:284 Resp: 170031

Ion Ratio Lower Upper

284 100

142 33.1 27.8 41.6

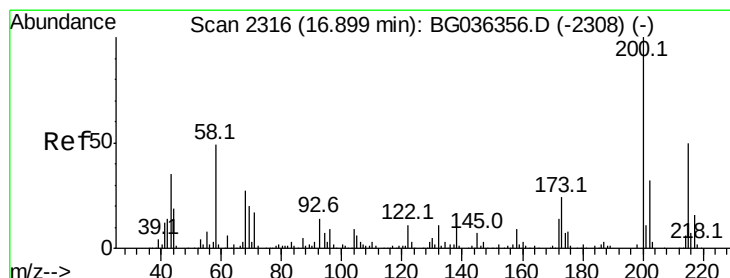
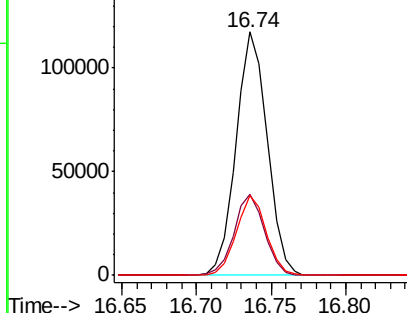
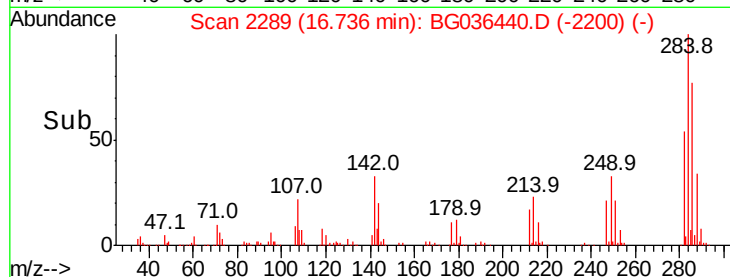
249 32.9 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.793 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

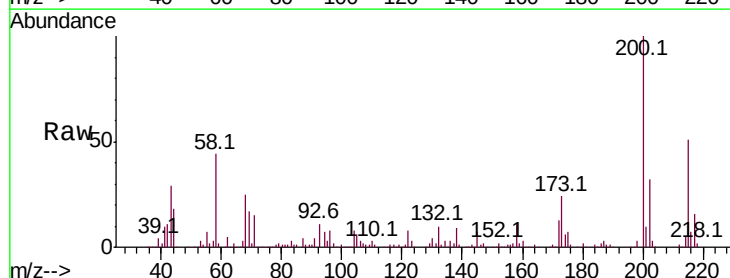
Tgt Ion:200 Resp: 166684

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

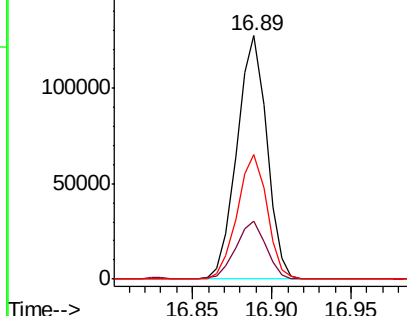
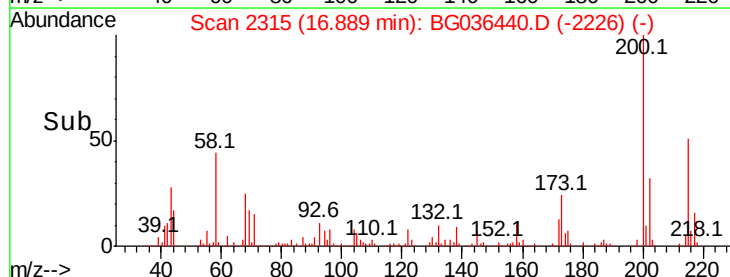
215 51.2 30.4 70.4

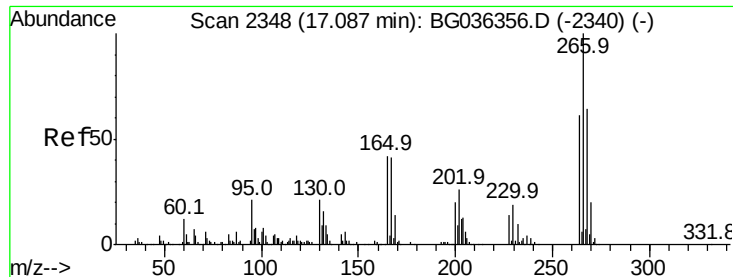


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

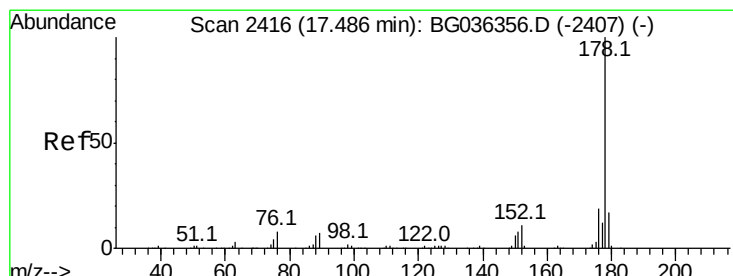
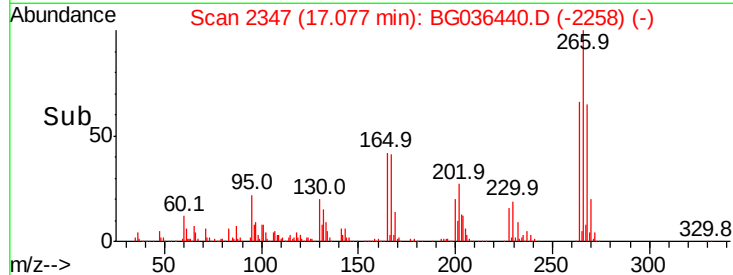
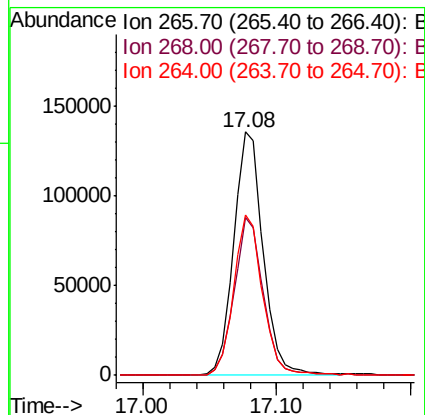
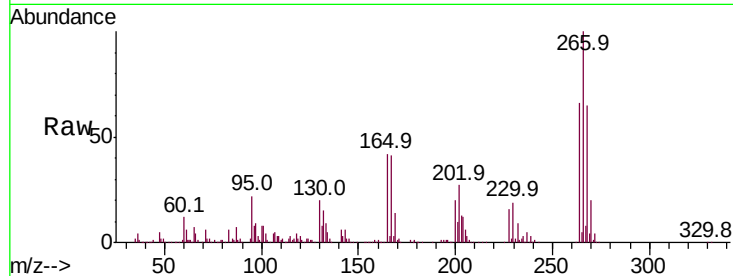




#69
 Pentachlorophenol
 Concen: 56.246 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

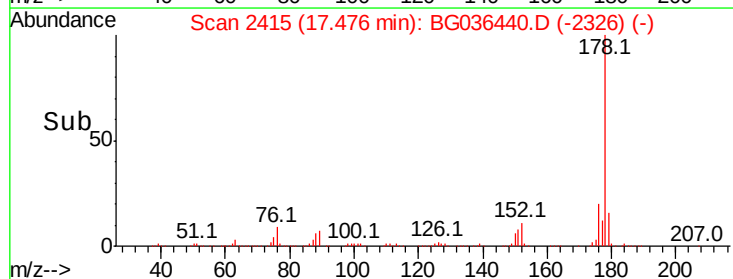
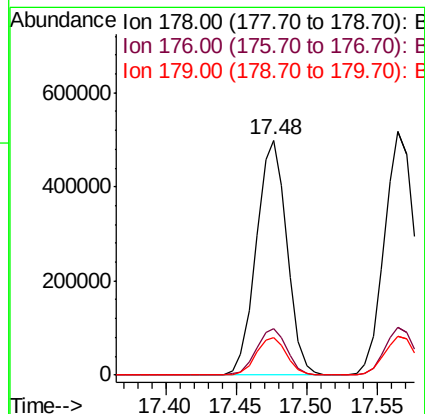
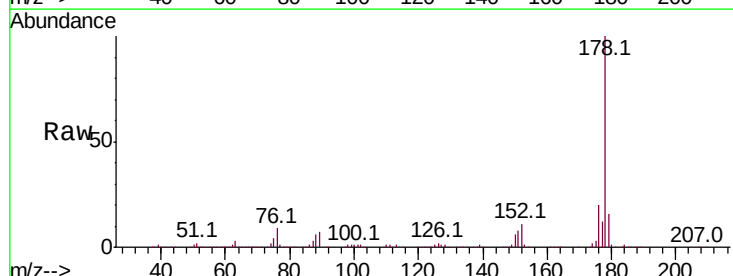
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

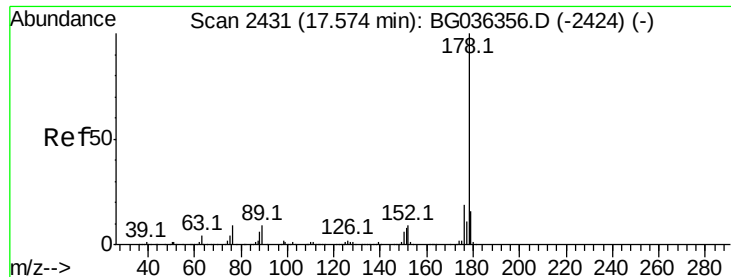
Tot Ion:	266	Resp:	208568
Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.4	77.2
264	66.1	48.9	73.3



#70
 Phenanthrene
 Concen: 32.839 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:	178	Resp:	760474
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.1	13.4	20.2

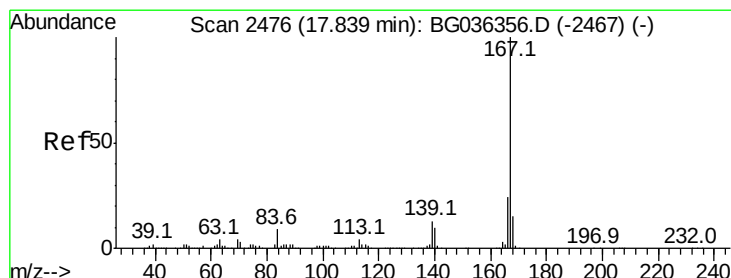
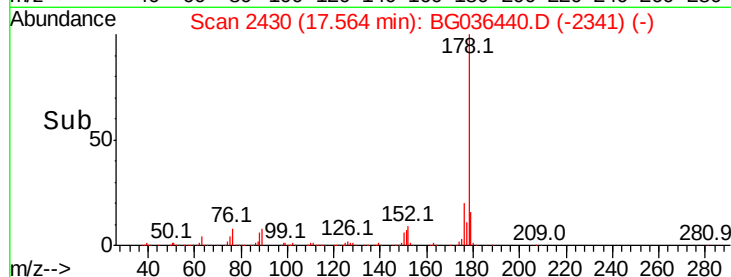
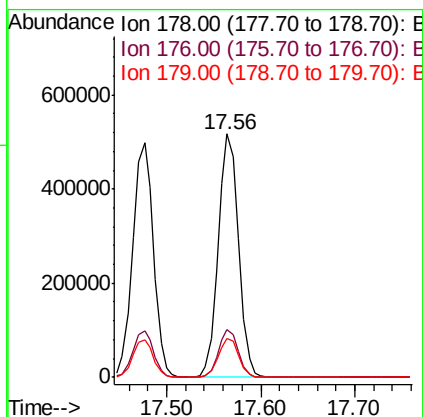
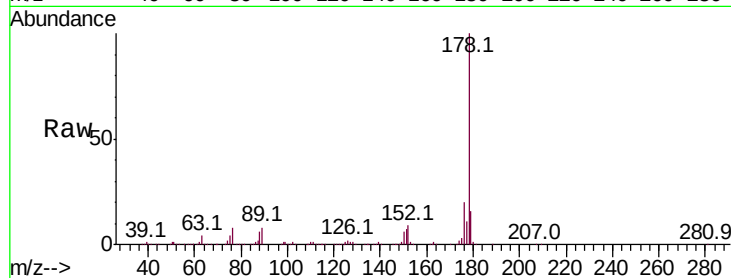




#71
 Anthracene
 Concen: 33.724 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

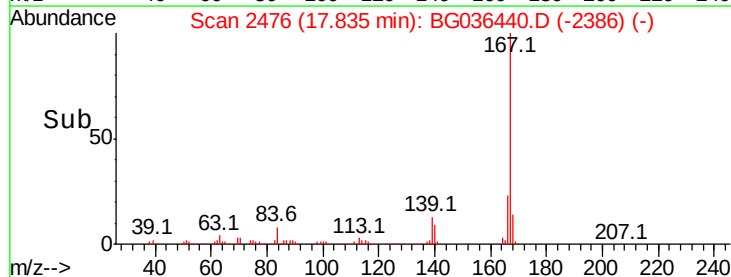
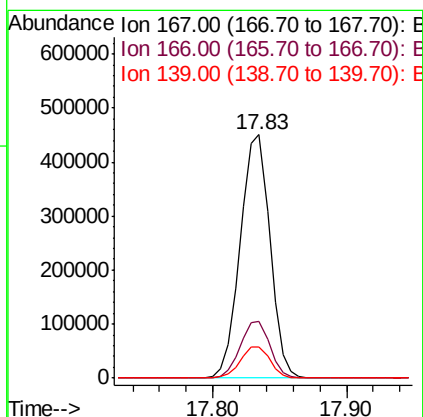
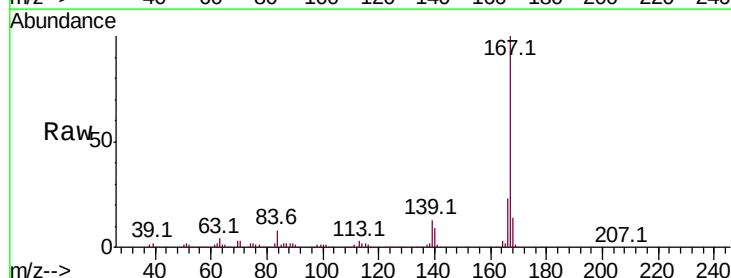
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

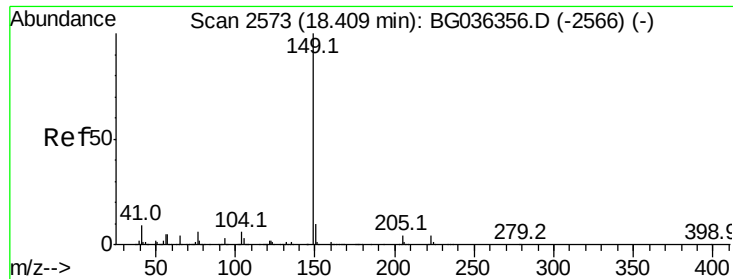
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	13.0	19.4



#72
 Carbazole
 Concen: 30.098 ng
 RT: 17.83 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.5	29.3
139	12.8	10.7	16.1





#73

Di-n-butylphthalate

Concen: 30.750 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

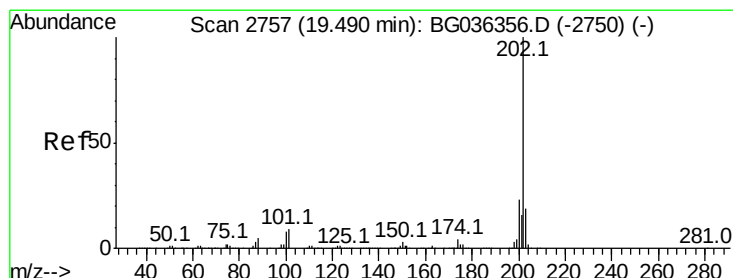
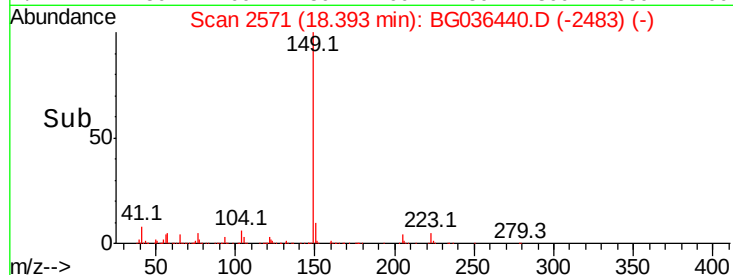
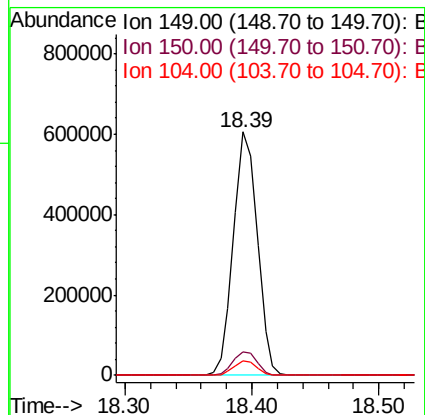
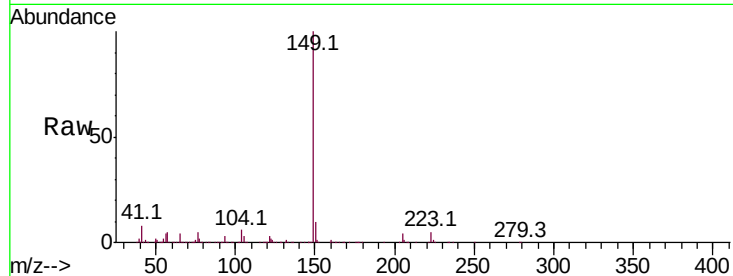
Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

Tot Ion:	149	Resp:	789423
Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.9	4.6	6.8



#74

Fluoranthene

Concen: 32.829 ng

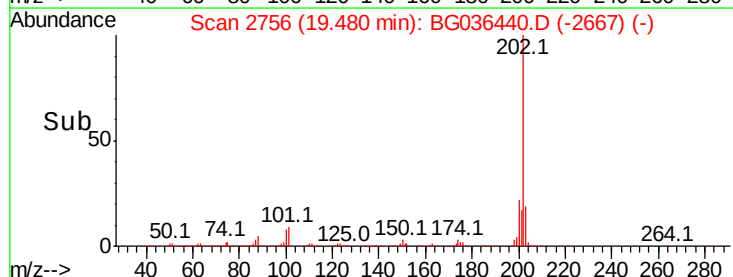
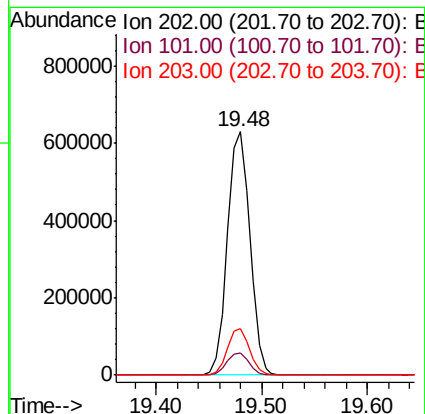
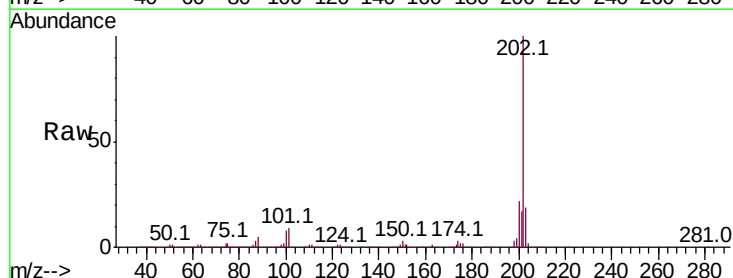
RT: 19.48 min Scan# 2756

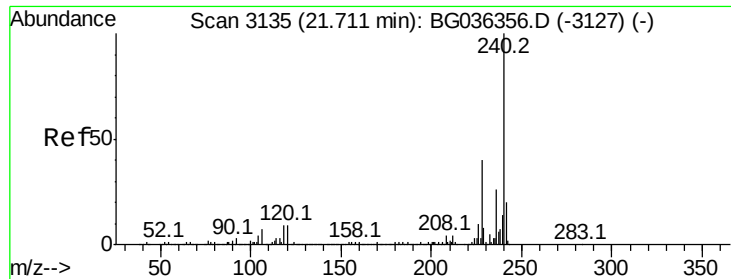
Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Tgt Ion:	202	Resp:	926884
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	19.1	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

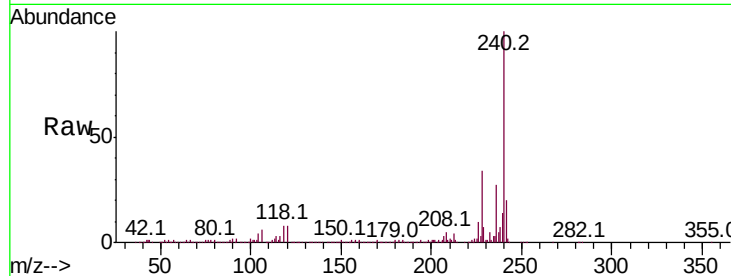
Tot Ion:240 Resp: 443115

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

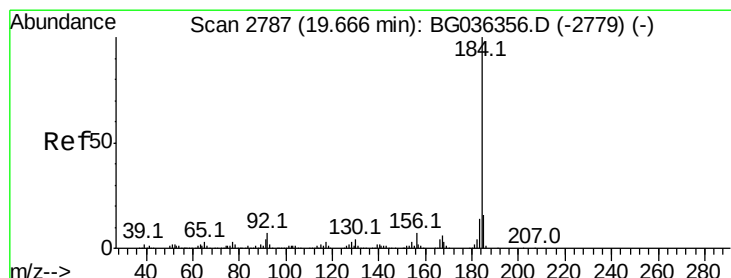
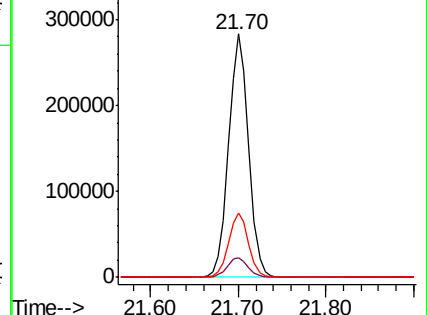
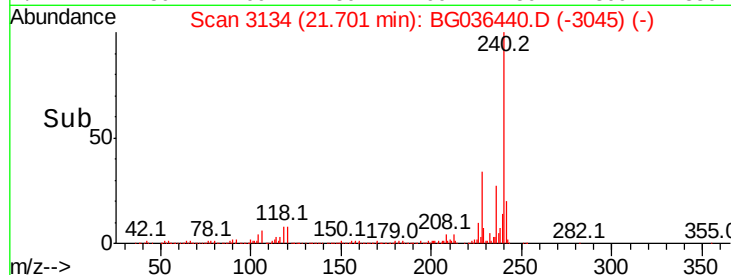
236 26.7 21.2 31.8



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: 44.537 ng

RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

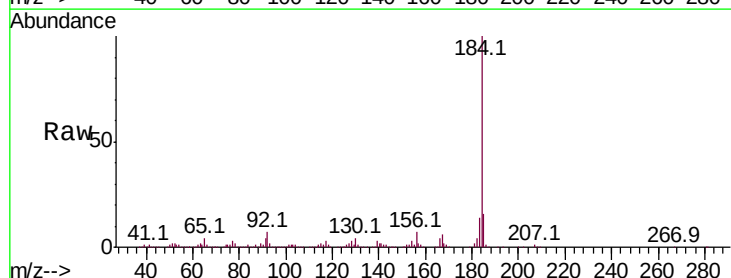
Tgt Ion:184 Resp: 629641

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

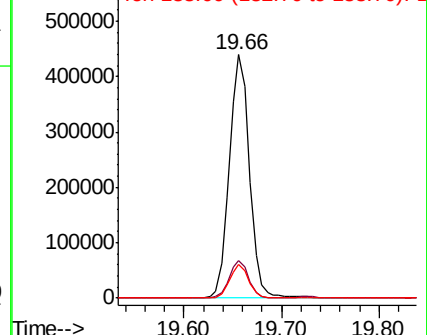
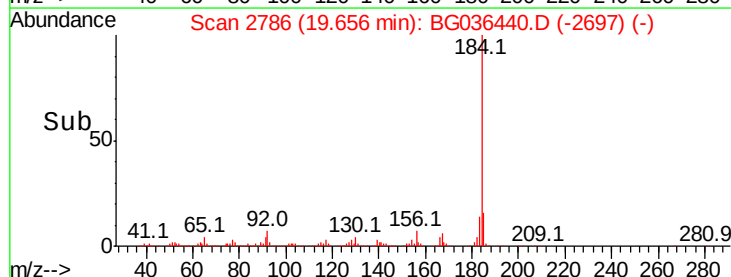
183 14.0 10.9 16.3

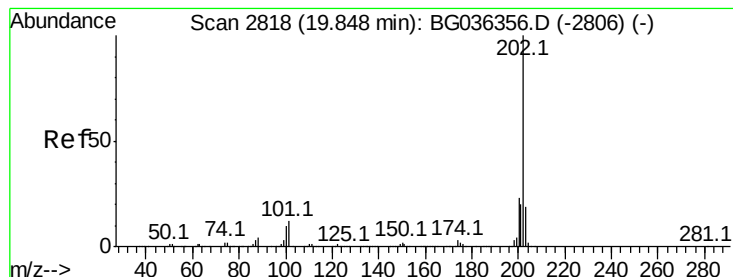


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.425 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

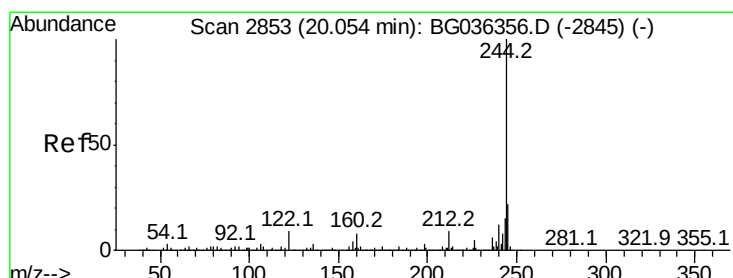
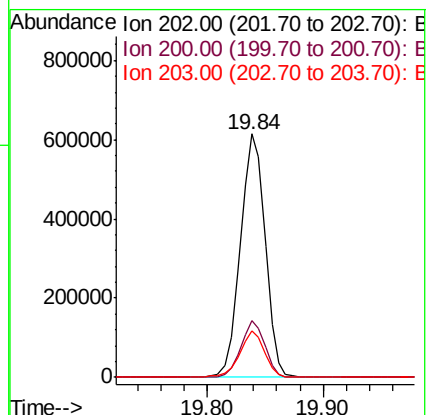
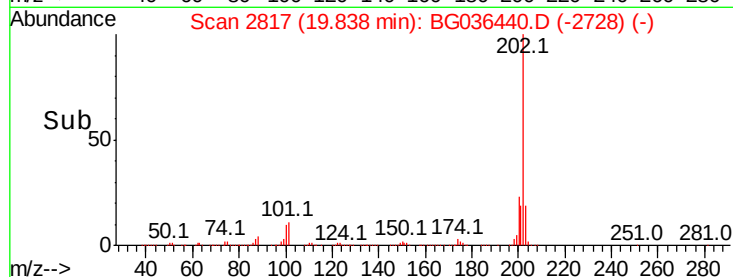
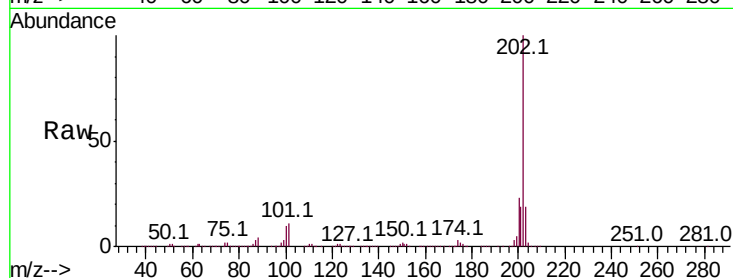
Tot Ion:202 Resp: 910783

Ion Ratio Lower Upper

202 100

200 23.2 18.3 27.5

203 18.9 15.1 22.7



#78

Terphenyl-d14

Concen: 67.843 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

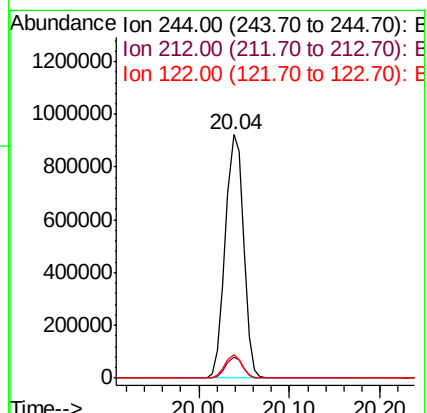
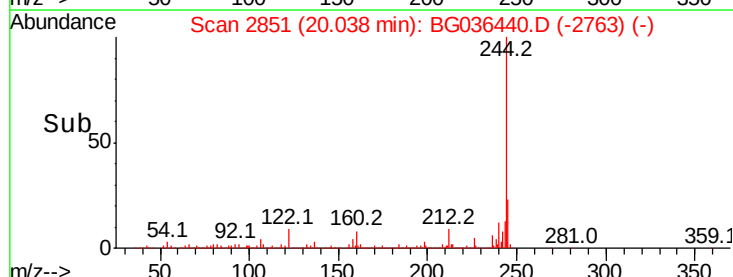
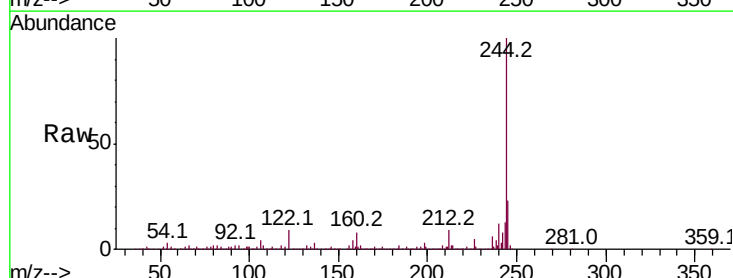
Tgt Ion:244 Resp: 1286170

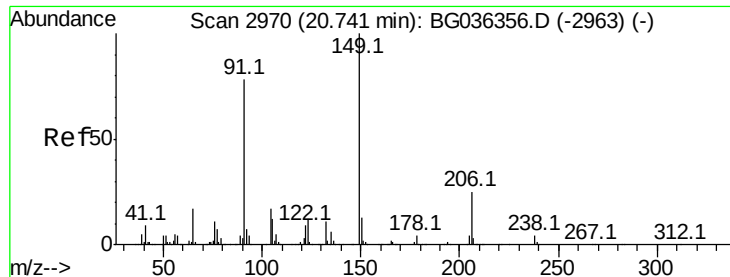
Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 9.4 7.1 10.7

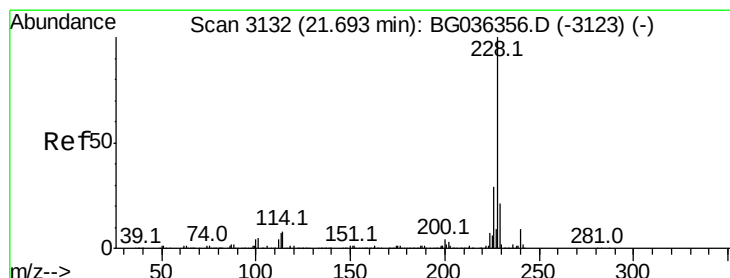
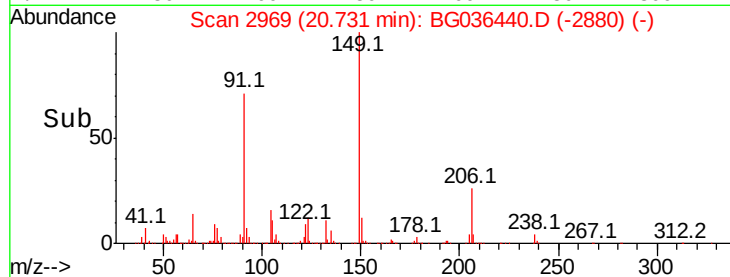
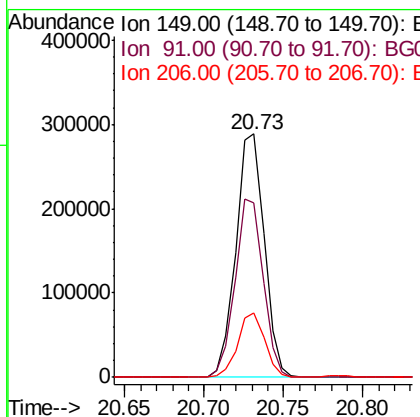
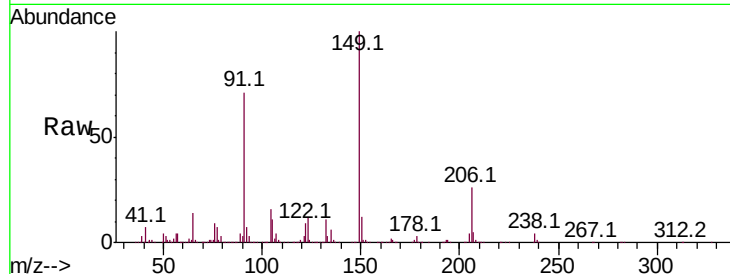




#79
Butylbenzylphthalate
Concen: 33.103 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

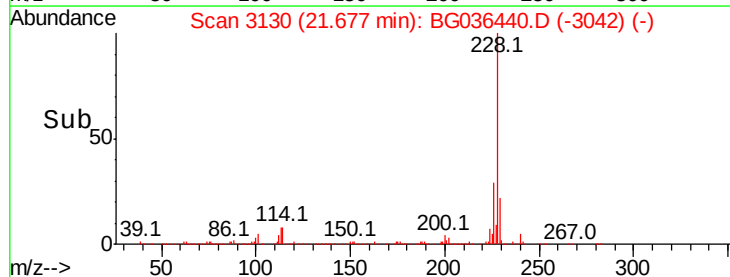
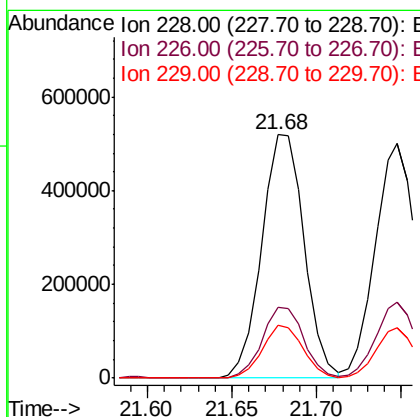
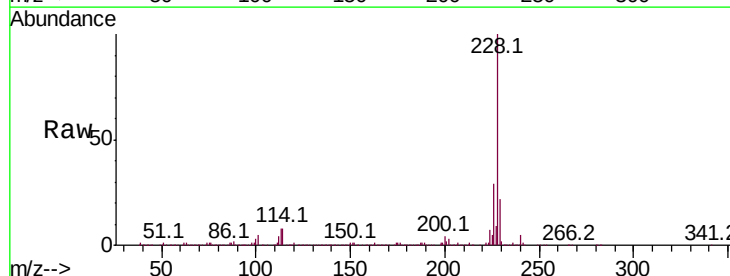
Instrument :
BNA_G
ClientSampleId :
TOD1-SB-01-02-03-0-52MSD

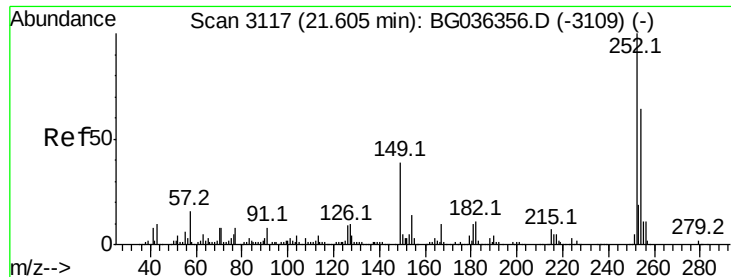
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.4	62.0	93.0
206	26.4	19.6	29.4



#80
Benzo(a)anthracene
Concen: 33.772 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036440.D
Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.7	17.1	25.7

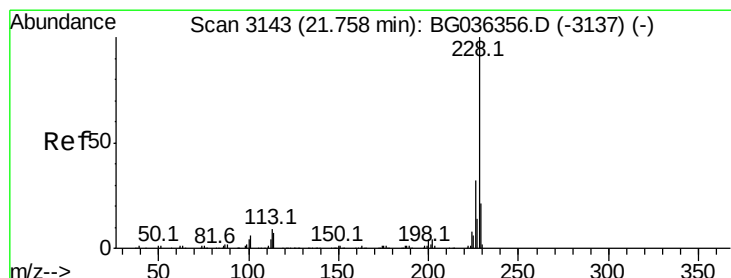
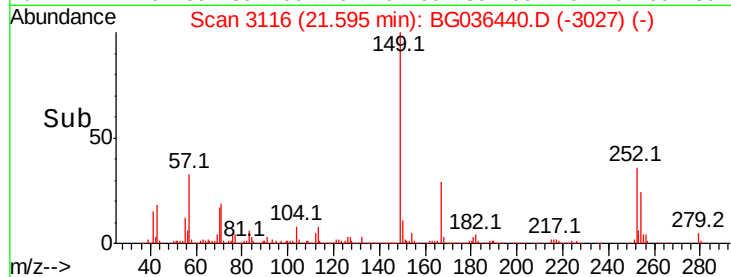
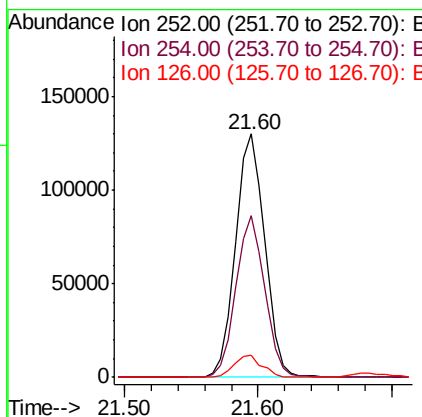
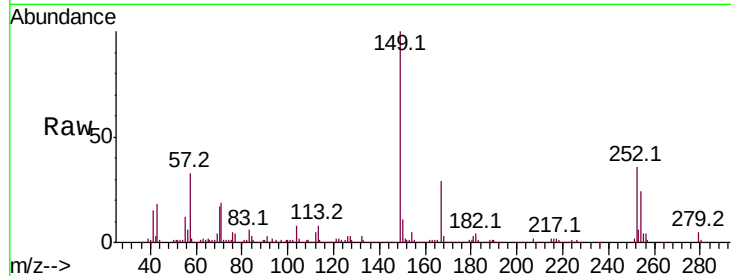




#81
 3,3'-Dichlorobenzidine
 Concen: 18.449 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

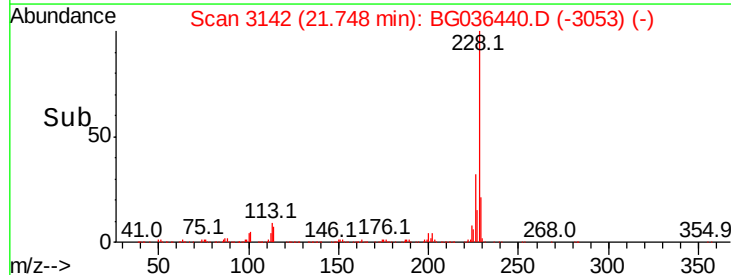
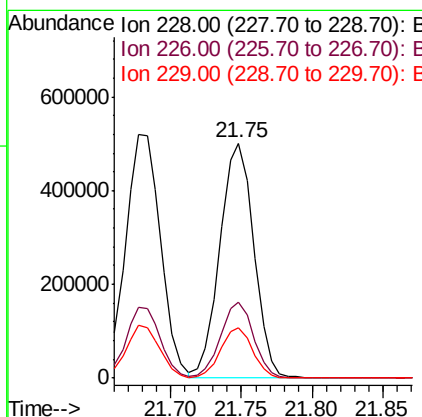
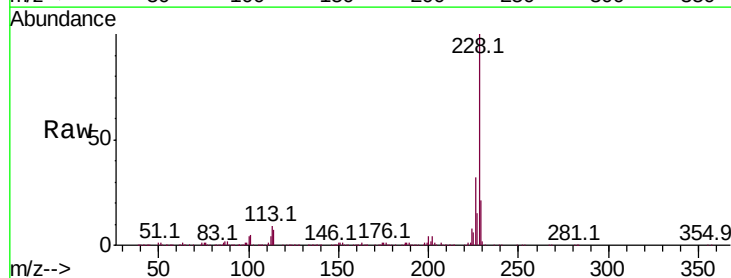
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

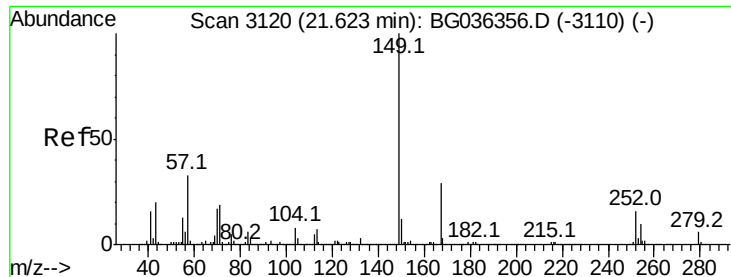
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.0	76.4
126	9.2	7.4	11.0



#82
 Chrysene
 Concen: 32.854 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	21.4	16.9	25.3

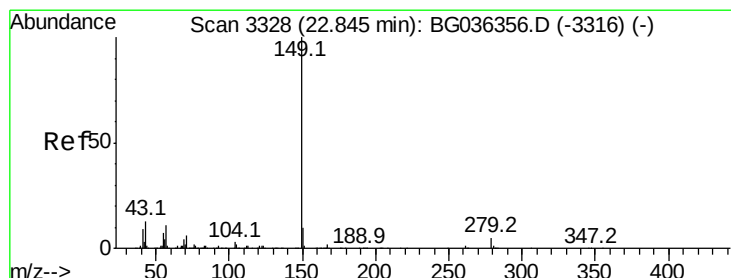
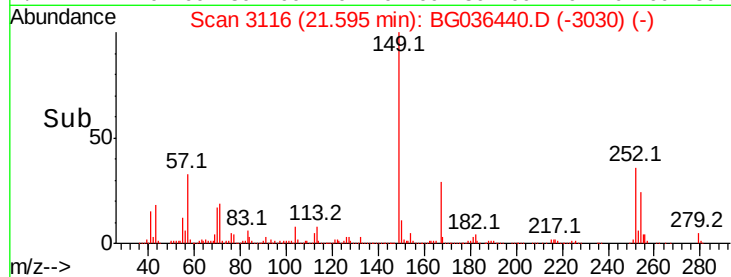
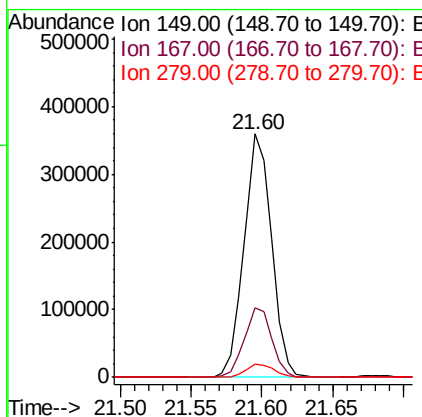
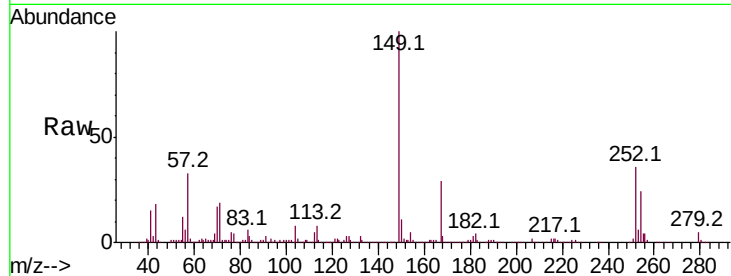




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.449 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.03 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

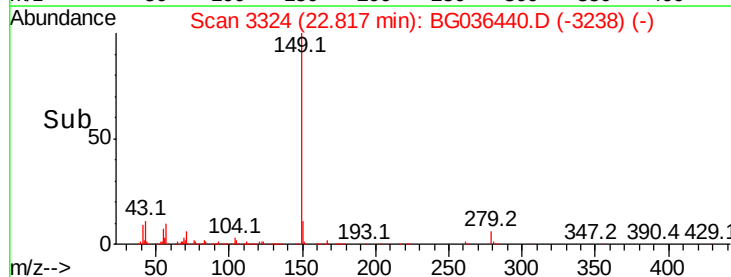
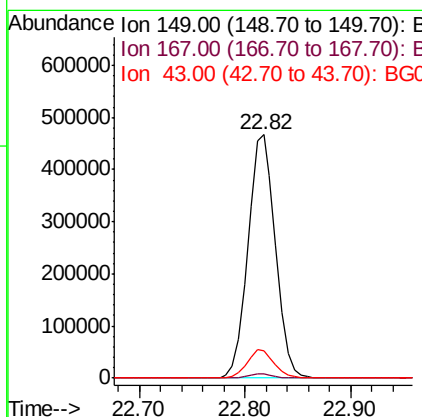
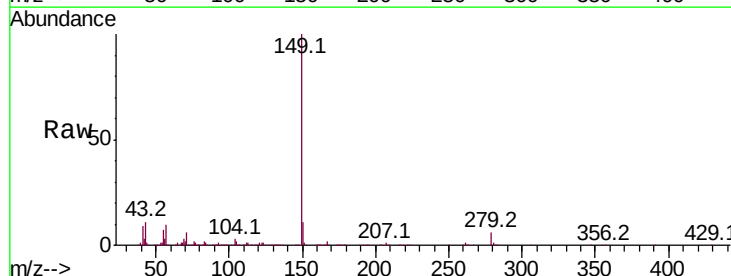
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

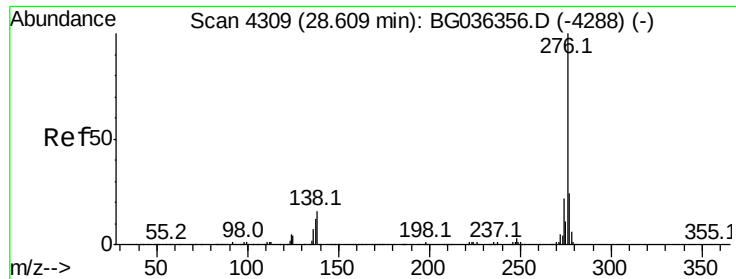
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	5.3	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 33.130 ng
 RT: 22.82 min Scan# 3324
 Delta R.T. -0.03 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	10.0	15.0

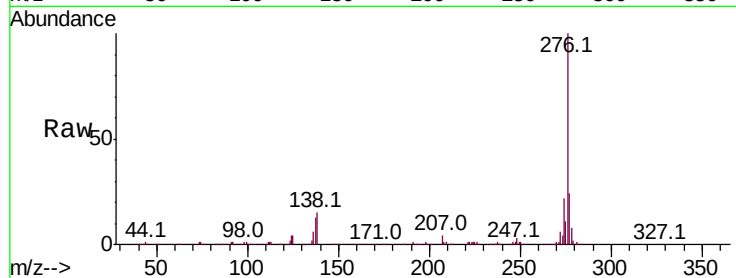




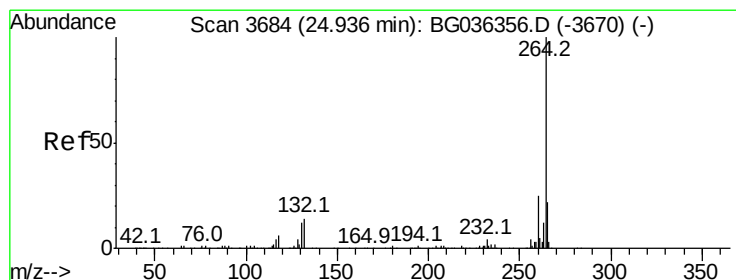
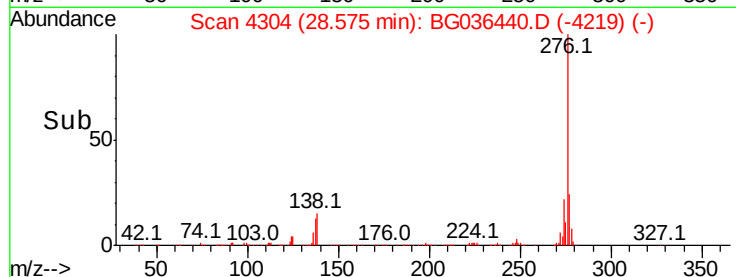
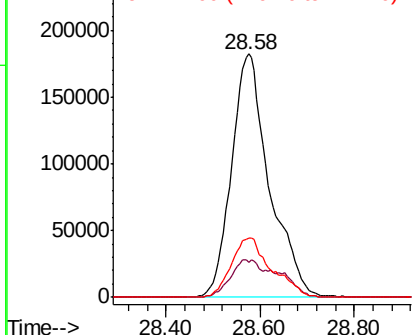
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.369 ng
 RT: 28.58 min Scan# 4304
 Delta R.T. -0.03 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-SB-01-02-03-0-52MSD

Tot Ion:276 Resp: 1015743
 Ion Ratio Lower Upper
 276 100
 138 15.3 10.6 15.8
 277 26.0 20.6 30.8

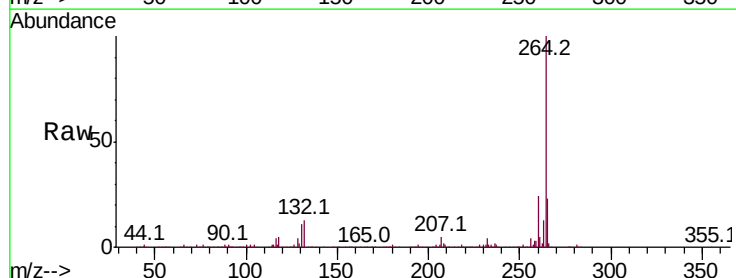


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

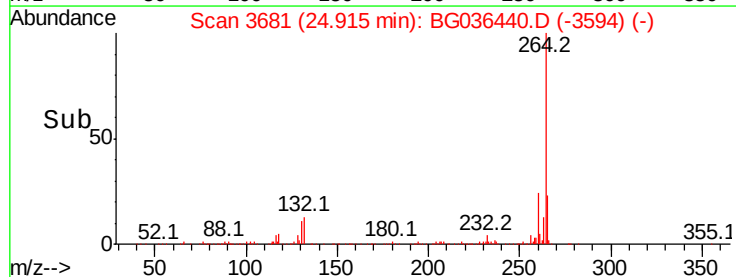
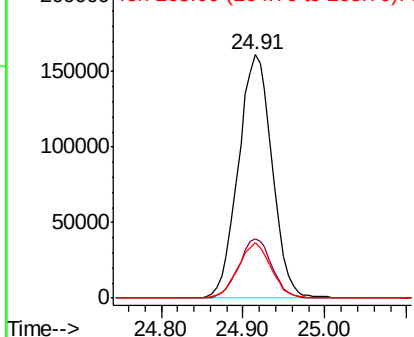


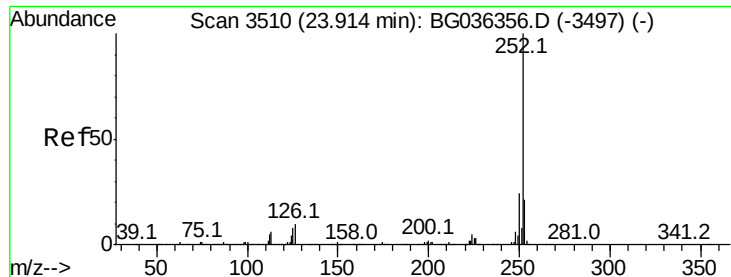
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036440.D
 Acq: 27 Aug 2018 20:37

Tgt Ion:264 Resp: 462632
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.6 17.4 26.0



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: 34.712 ng

RT: 23.90 min Scan# 3508

Delta R.T. -0.02 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

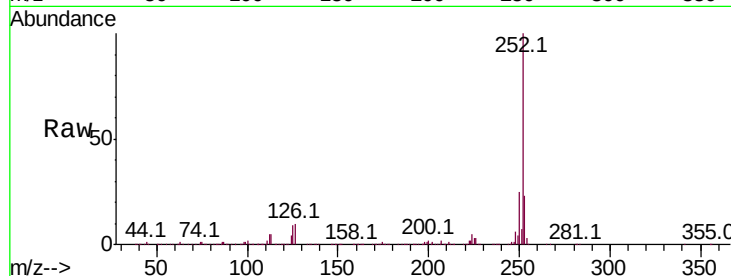
Tot Ion:252 Resp: 891751

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

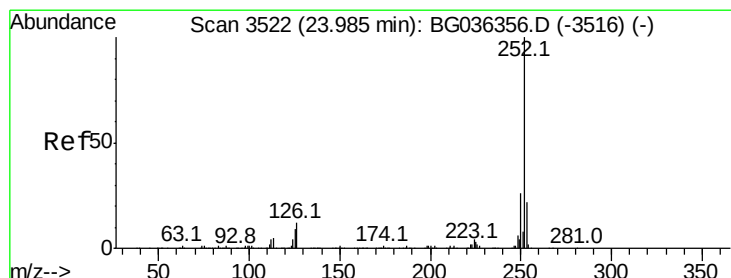
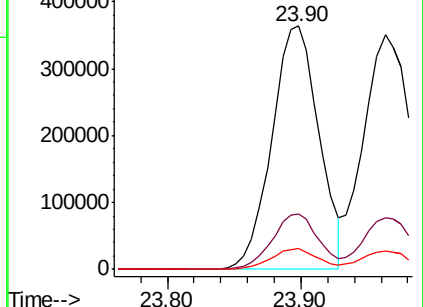
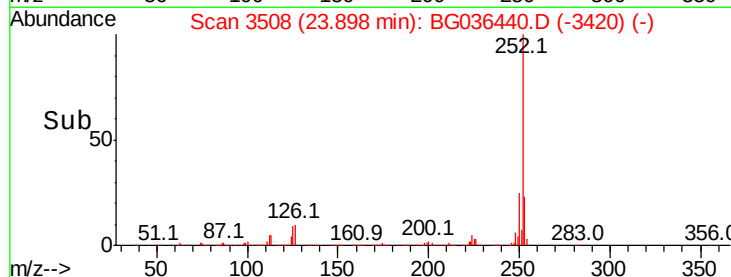
125 8.5 6.6 10.0



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: 34.582 ng

RT: 23.96 min Scan# 3519

Delta R.T. -0.02 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

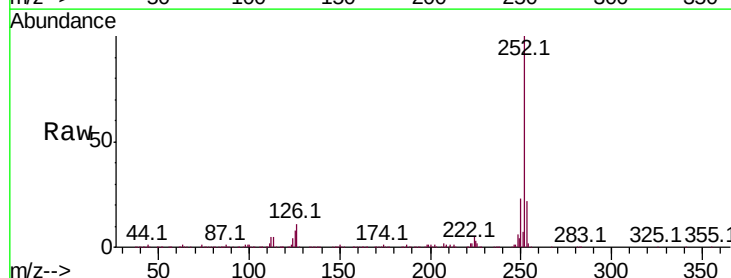
Tgt Ion:252 Resp: 867945

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

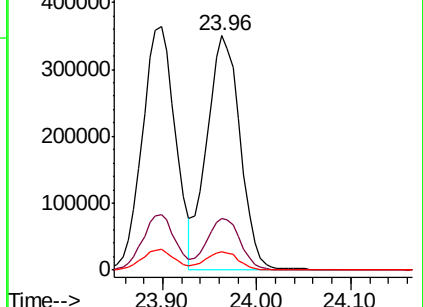
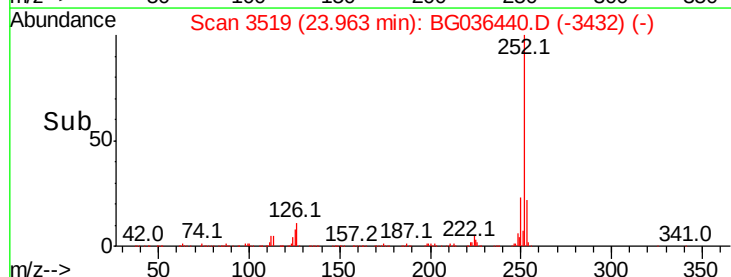
125 7.9 7.0 10.6

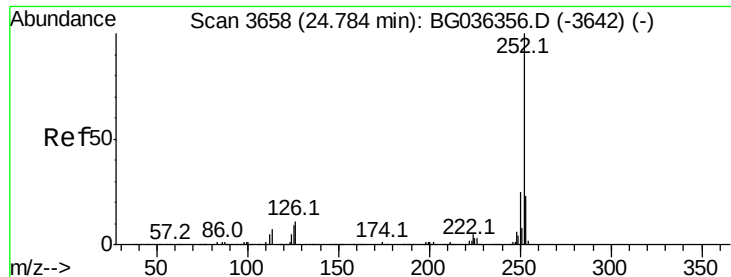


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.252 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.02 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

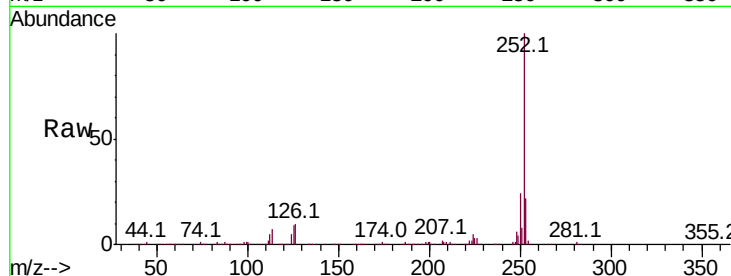
Tot Ion:252 Resp: 870231

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 8.6 7.3 10.9

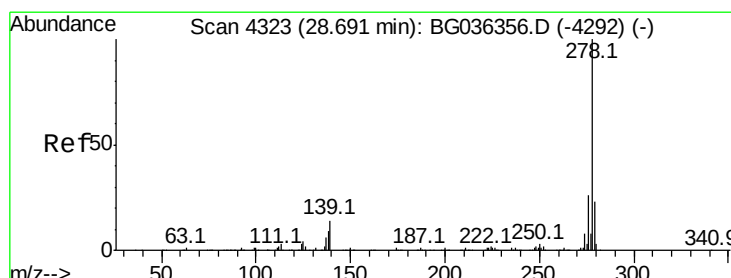
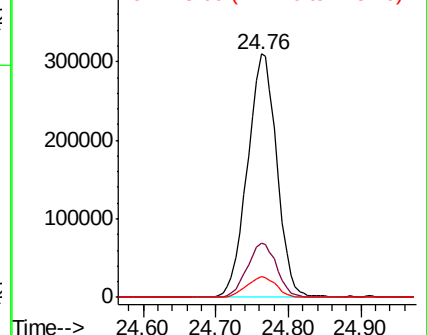
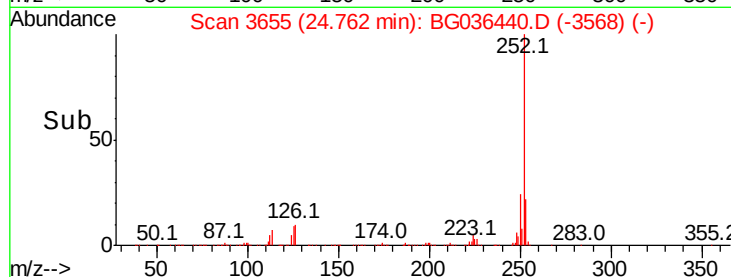


Abundance

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: 34.670 ng

RT: 28.65 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

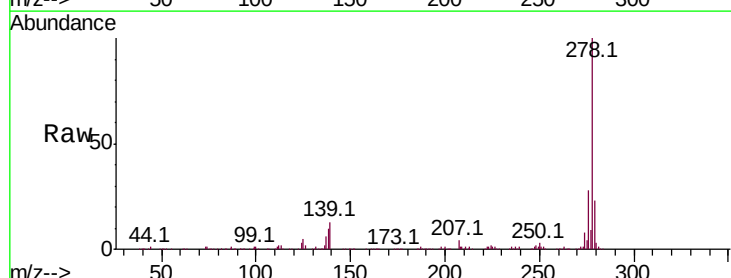
Tgt Ion:278 Resp: 826261

Ion Ratio Lower Upper

278 100

139 12.7 11.0 16.4

279 23.5 18.7 28.1

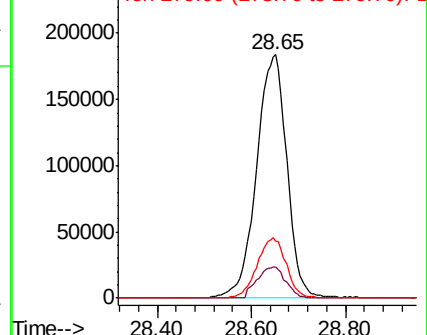
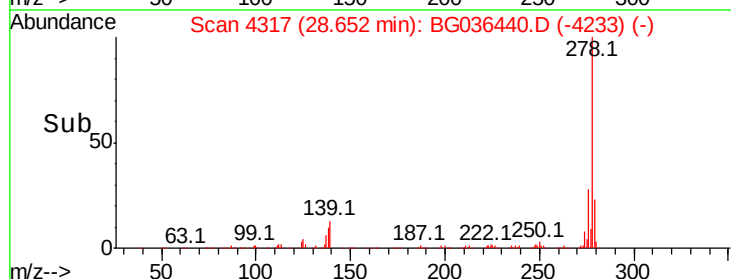


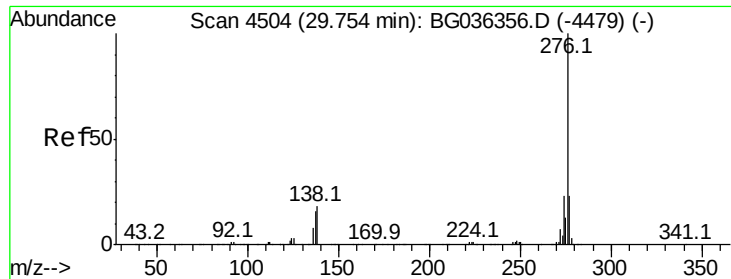
Abundance

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: 35.317 ng

RT: 29.71 min Scan# 4498

Delta R.T. -0.04 min

Lab File: BG036440.D

Acq: 27 Aug 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TOD1-SB-01-02-03-0-52MSD

Tot Ion:276 Resp: 845818

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 16.1 14.6 22.0

