

Data File : BG042264.D
Acq On : 16 Aug 2019 17:57
Operator : HP/JU
Sample : K4264-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Quant Time: Aug 16 23:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61654	20.00	ng	-0.03
21) Naphthalene-d8	10.84	136	234970	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	171801	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	403789	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	438535	20.00	ng	-0.02
87) Perylene-d12	24.97	264	539299	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	407113	128.47	ng	-0.02
7) Phenol-d6	7.18	99	516528	120.91	ng	-0.02
23) Nitrobenzene-d5	9.18	82	343655	100.65	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	360948	184.97	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	1038853	106.65	ng	-0.03
79) Terphenyl-d14	20.04	244	1882503	98.23	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	44885	30.094	ng	# 52
3) Pyridine	3.85	79	86226	21.082	ng	# 76
4) n-Nitrosodimethylamine	3.75	42	47020	29.000	ng	# 66
6) Aniline	7.33	93	102123	16.976	ng	92
8) 2-Chlorophenol	7.58	128	169058	46.590	ng	87
9) Benzaldehyde	7.14	77	60045	19.975	ng	84
10) Phenol	7.21	94	168535	37.920	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	140046	38.329	ng	86
12) 1,3-Dichlorobenzene	8.05	146	176382	37.244	ng	97
13) 1,4-Dichlorobenzene	8.05	146	176382	37.221	ng	96
14) 1,2-Dichlorobenzene	8.37	146	170955	37.807	ng	95
15) Benzyl Alcohol	8.25	79	126777	37.720	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	181507	27.922	ng	89
17) 2-Methylphenol	8.46	107	135066	41.786	ng	96
18) Hexachloroethane	9.10	117	58206	35.868	ng	90
19) n-Nitroso-di-n-propylamine	8.82	70	110608	35.661	ng	# 83
20) 3+4-Methylphenols	8.79	107	185579	41.955	ng	98
22) Acetophenone	8.84	105	235583	44.824	ng	# 86
24) Nitrobenzene	9.22	77	159469	44.332	ng	92
25) Isophorone	9.75	82	311245	41.904	ng	97
26) 2-Nitrophenol	9.94	139	103431	61.954	ng	90
27) 2,4-Dimethylphenol	10.00	122	160465	54.459	ng	100
28) bis(2-Chloroethoxy)methane	10.23	93	194853	41.980	ng	99
29) 2,4-Dichlorophenol	10.49	162	192953	53.774	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	205044	45.063	ng	99
31) Naphthalene	10.88	128	501576	46.641	ng	97
32) Benzoic acid	10.15	122	64168	33.669	ng	92
33) 4-Chloroaniline	11.00	127	29390	5.763	ng	# 92
34) Hexachlorobutadiene	11.18	225	127972	41.671	ng	98
35) Caprolactam	11.77	113	18511	14.844	ng	# 53
36) 4-Chloro-3-methylphenol	12.13	107	183461	51.572	ng	94
37) 2-Methylnaphthalene	12.50	142	405412	47.628	ng	96
38) 1-Methylnaphthalene	12.72	142	387476	48.034	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	253582	46.630	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	266870	87.283	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	179447	52.208	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	195791	54.815	ng #	93
46) 1,1'-Biphenyl	13.51	154	536132	48.546	ng	94
47) 2-Chloronaphthalene	13.55	162	437360	46.514	ng	95
48) 2-Nitroaniline	13.75	65	105657	44.306	ng #	76
49) Acenaphthylene	14.40	152	699359	49.724	ng	97
50) Dimethylphthalate	14.13	163	583530	49.733	ng	98
51) 2,6-Dinitrotoluene	14.25	165	140241	57.161	ng #	78
52) Acenaphthene	14.74	154	412808	45.127	ng	98
53) 3-Nitroaniline	14.57	138	63768	24.295	ng #	86
54) 2,4-Dinitrophenol	14.79	184	192381	112.430	ng #	79
55) Dibenzofuran	15.07	168	695097	49.678	ng	93
56) 4-Nitrophenol	14.90	139	225751	113.308	ng #	82
57) 2,4-Dinitrotoluene	15.04	165	200929	59.552	ng #	84
58) Fluorene	15.73	166	567449	50.536	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194207	54.897	ng #	90
60) Diethylphthalate	15.49	149	576037	50.006	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	333543	48.657	ng	94
62) 4-Nitroaniline	15.74	138	141244	49.682	ng	89
63) Azobenzene	16.01	77	403192	42.847	ng	89
65) 4,6-Dinitro-2-methylphenol	15.81	198	133724	64.857	ng	79
66) n-Nitrosodiphenylamine	15.93	169	543265	49.392	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	233815	47.008	ng	94
68) Hexachlorobenzene	16.74	284	247702	47.602	ng #	89
69) Atrazine	16.88	200	206202	47.715	ng	99
70) Pentachlorophenol	17.08	266	324828	109.886	ng	98
71) Phenanthrene	17.47	178	971996	50.220	ng	95
72) Anthracene	17.56	178	998355	51.720	ng	95
73) Carbazole	17.83	167	914616	52.790	ng	95
74) Di-n-butylphthalate	18.39	149	1024331	52.151	ng #	95
75) Fluoranthene	19.49	202	1263978	53.727	ng	91
77) Benzidine	19.66	184	166407	11.626	ng	97
78) Pyrene	19.84	202	1272673	48.982	ng	92
80) Butylbenzylphthalate	20.73	149	507812	50.976	ng	88
81) Benzo(a)anthracene	21.70	228	1265581	48.778	ng	94
82) 3,3'-Dichlorobenzidine	21.60	252	362615	34.810	ng #	96
83) Chrysene	21.76	228	1253808	50.413	ng	94
84) Bis(2-ethylhexyl)phthalate	21.60	149	713249	51.905	ng	98
85) Di-n-octyl phthalate	22.82	149	1235974	53.445	ng #	86
86) Indeno(1,2,3-cd)pyrene	28.71	276	1719618	52.231	ng #	88
88) Benzo(b)fluoranthene	23.94	252	1452268	49.226	ng #	95
89) Benzo(k)fluoranthene	24.01	252	1363073	47.431	ng #	96
90) Benzo(a)pyrene	24.82	252	1405336	49.668	ng #	97
91) Dibenzo(a,h)anthracene	28.78	278	1418093	51.042	ng #	96
92) Benzo(g,h,i)perylene	29.87	276	1440183	51.885	ng #	93

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

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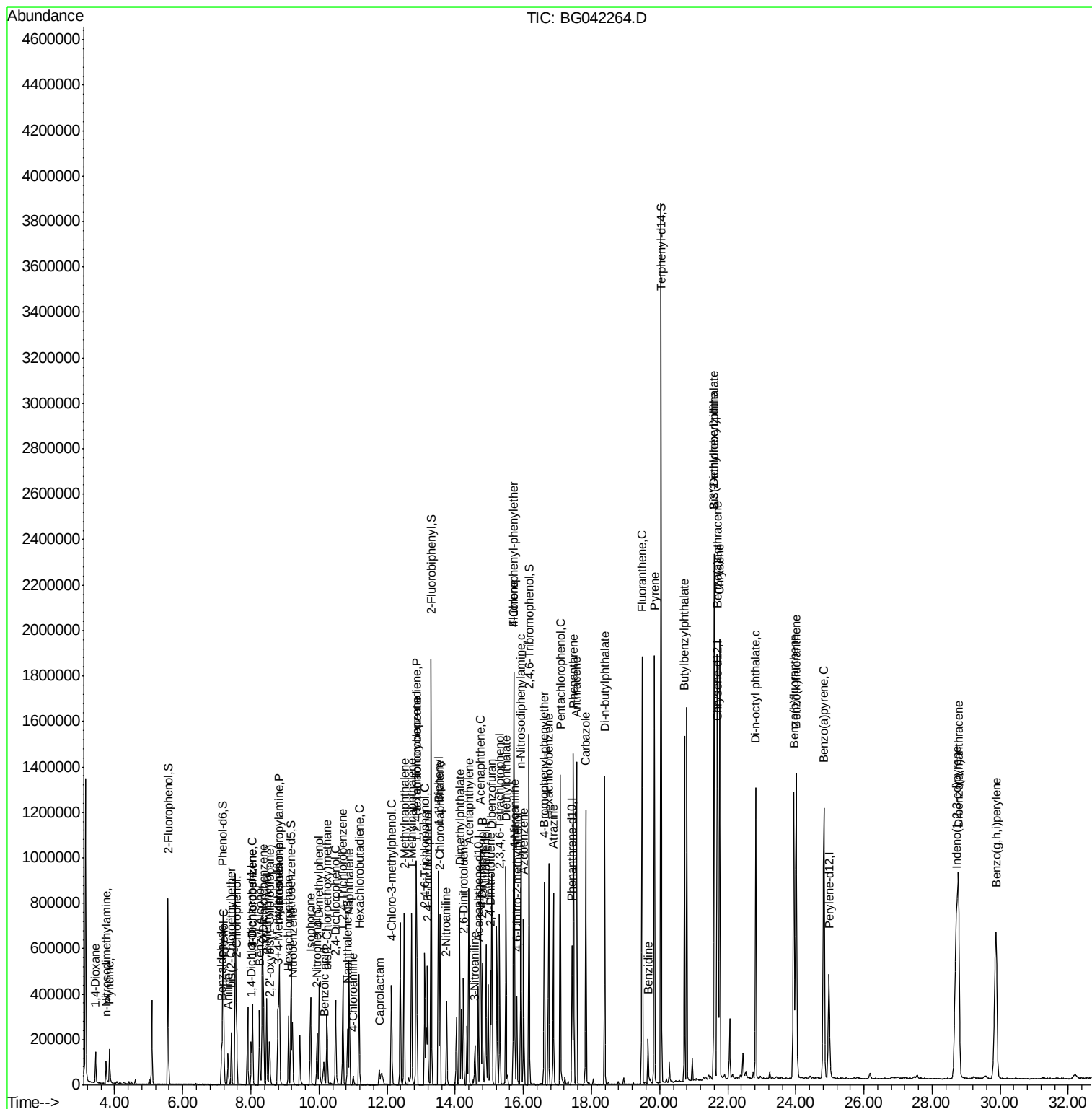
Quant Time: Aug 16 23:59:22 2019

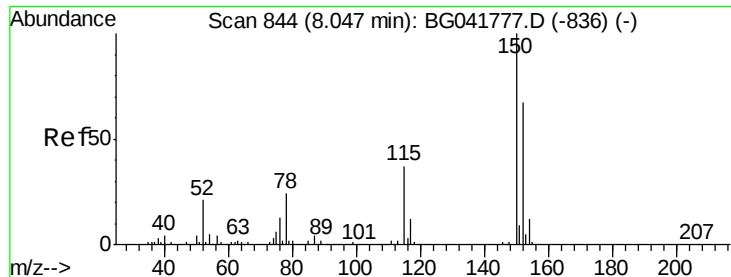
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M

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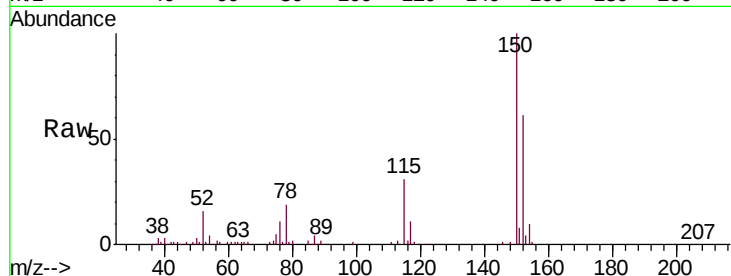


#1

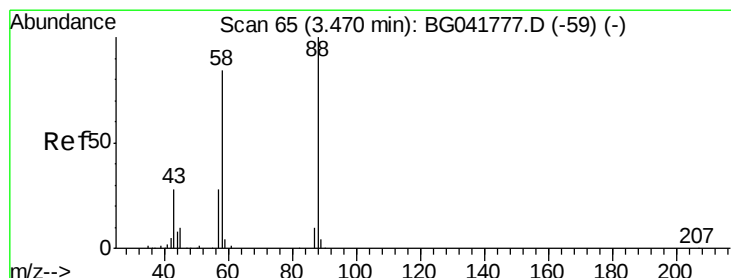
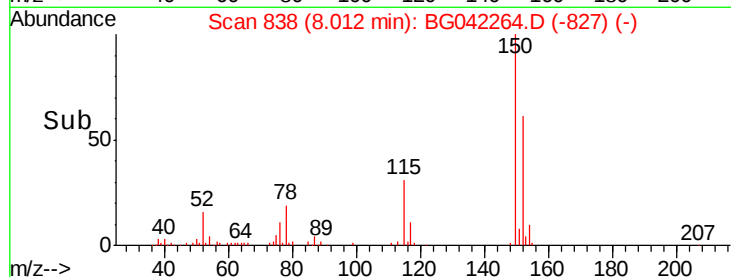
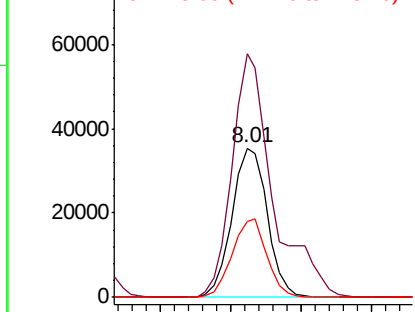
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG042264.D
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BNA_G
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REACTOR-3-C1-C4-(0-2)MS

Tgt Ion:152 Resp: 61654
Ion Ratio Lower Upper
152 100
150 163.3 126.9 190.3
115 50.9 45.0 67.6



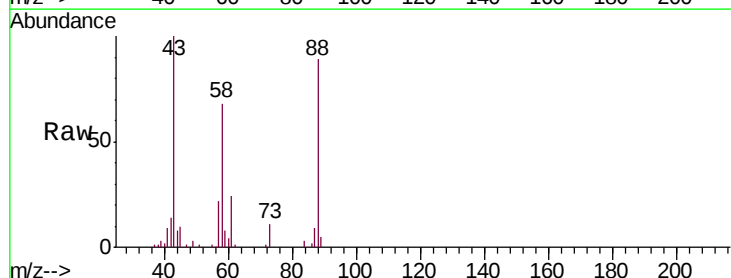
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



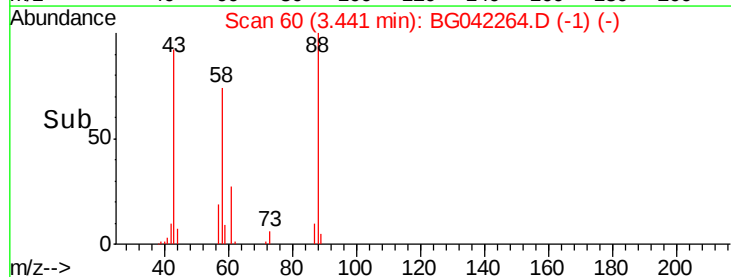
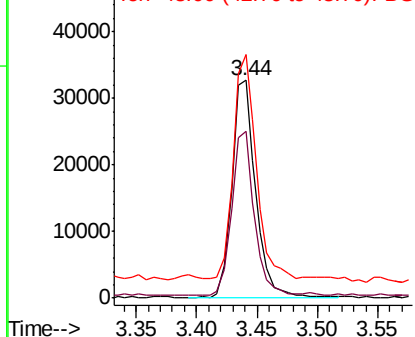
#2

1,4-Dioxane
Concen: 30.094 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion: 88 Resp: 44885
Ion Ratio Lower Upper
88 100
58 70.6 76.2 114.2#
43 98.9 27.2 40.8#



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

Pyridine

Concen: 21.082 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

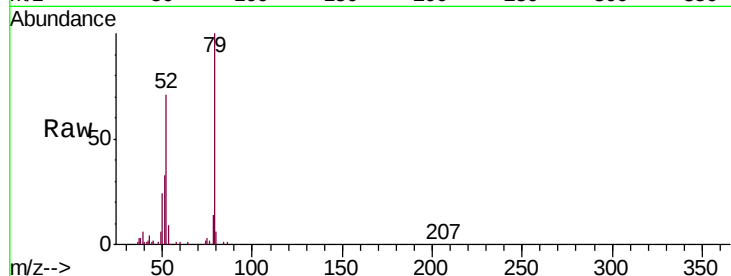
Tgt Ion: 79 Resp: 86226

Ion Ratio Lower Upper

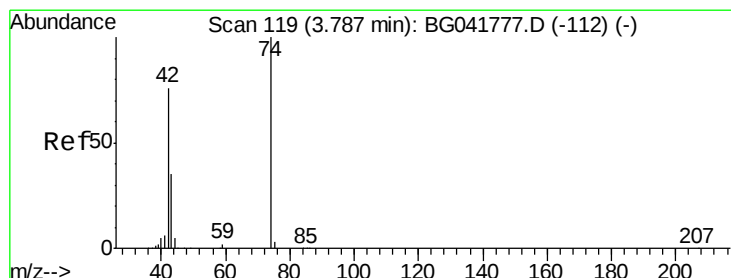
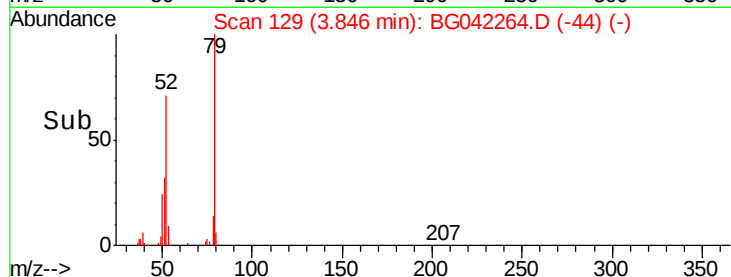
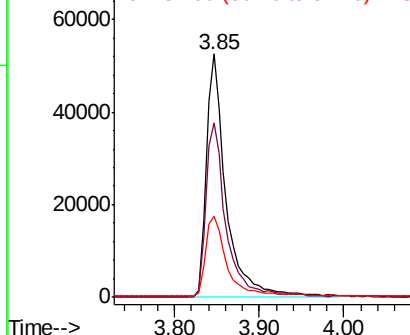
79 100

52 71.4 77.1 115.7#

51 33.5 37.8 56.8#



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: 29.000 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

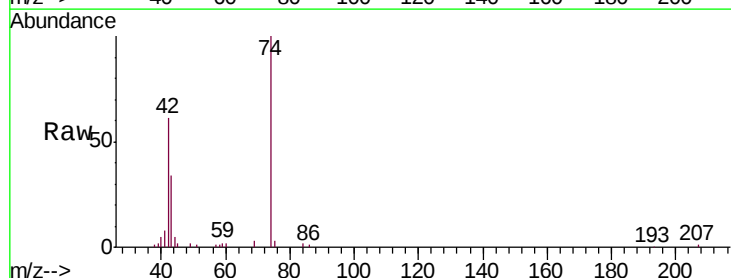
Tgt Ion: 42 Resp: 47020

Ion Ratio Lower Upper

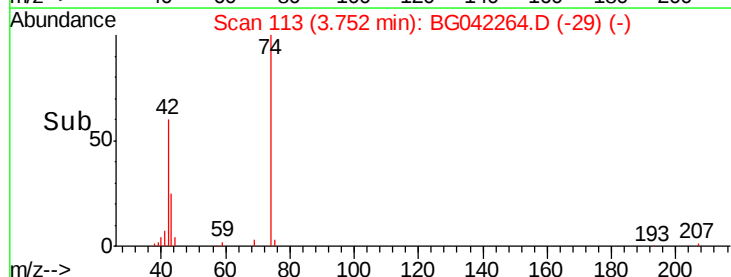
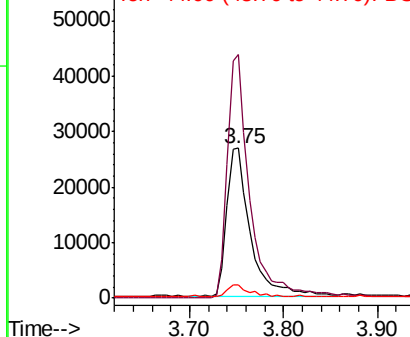
42 100

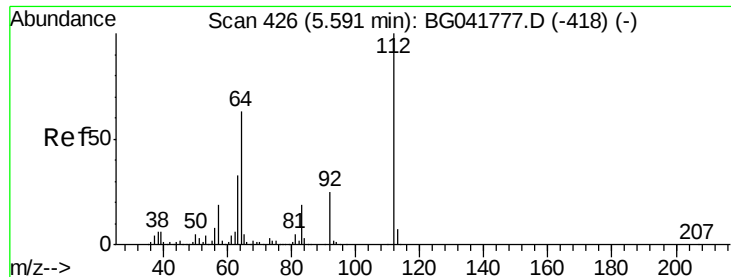
74 162.7 97.4 146.2#

44 8.7 6.6 9.8



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: 128.473 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.02 min

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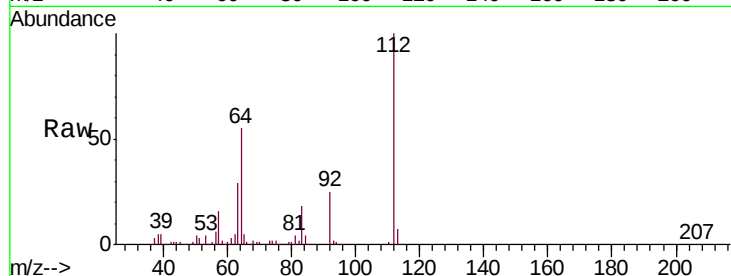
Tgt Ion:112 Resp: 407113

Ion Ratio Lower Upper

112 100

64 55.0 55.4 83.2#

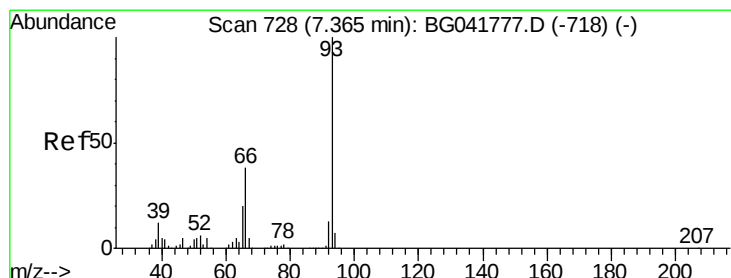
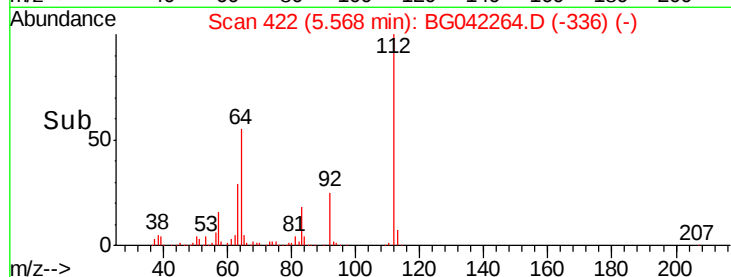
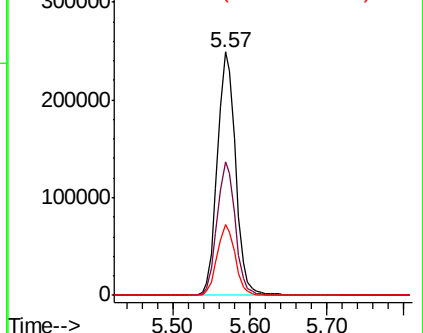
63 29.0 29.1 43.7#



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: 16.976 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.03 min

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Acq: 16 Aug 2019 17:57

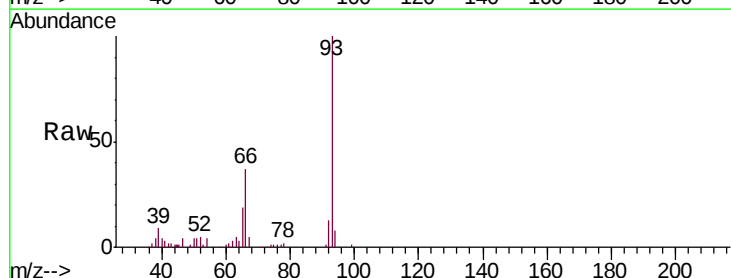
Tgt Ion: 93 Resp: 102123

Ion Ratio Lower Upper

93 100

66 36.8 34.2 51.2

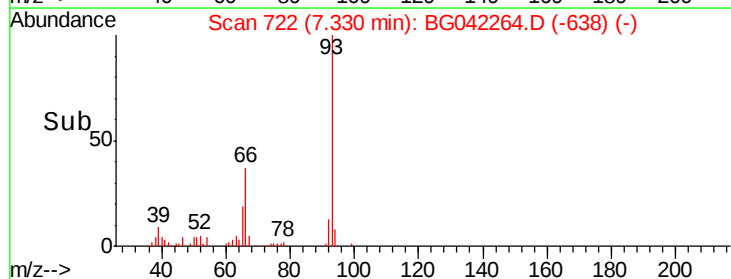
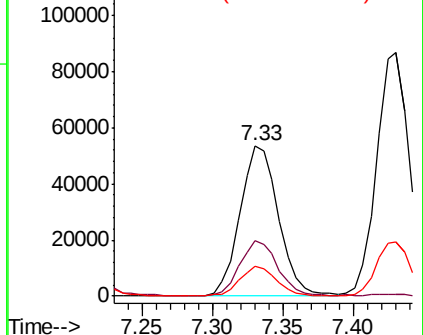
65 19.4 18.2 27.2

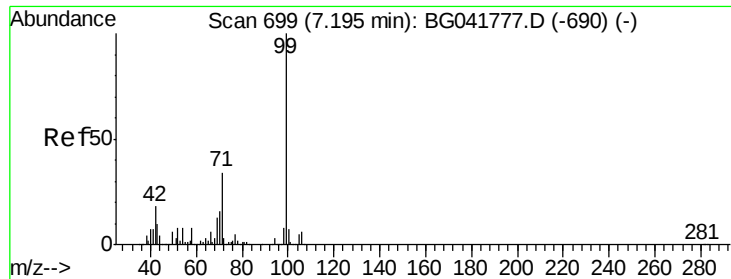


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.906 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

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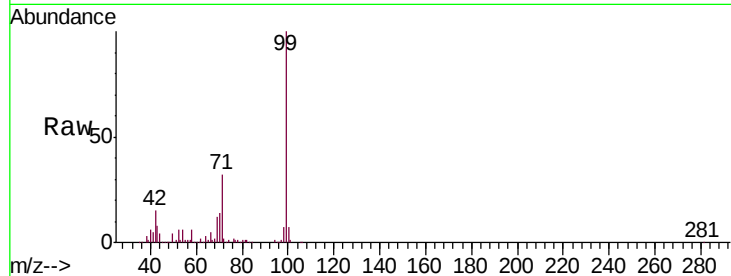
Tgt Ion: 99 Resp: 516528

Ion Ratio Lower Upper

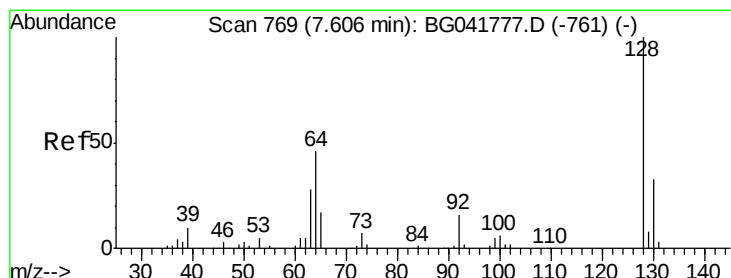
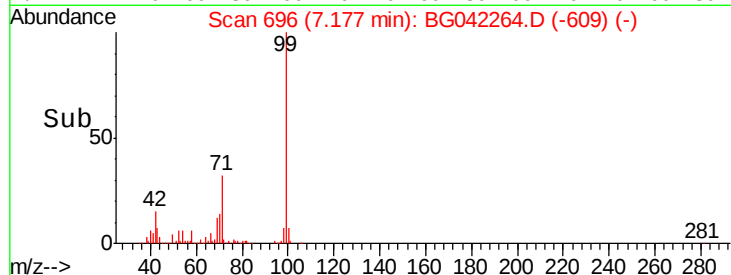
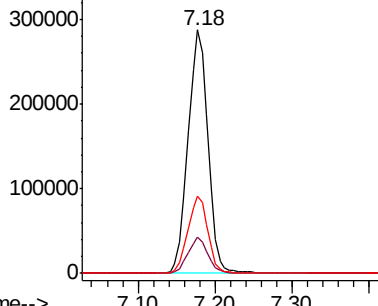
99 100

42 14.8 17.6 26.4#

71 31.5 27.8 41.6



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: 46.590 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.03 min

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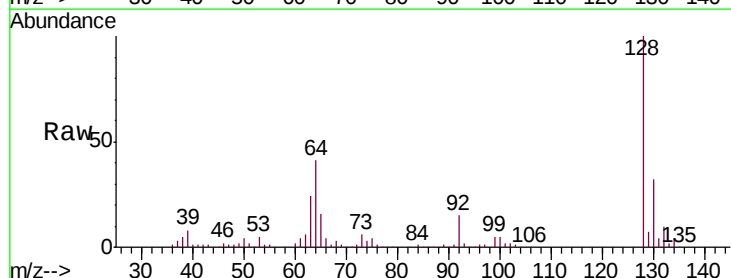
Tgt Ion: 128 Resp: 169058

Ion Ratio Lower Upper

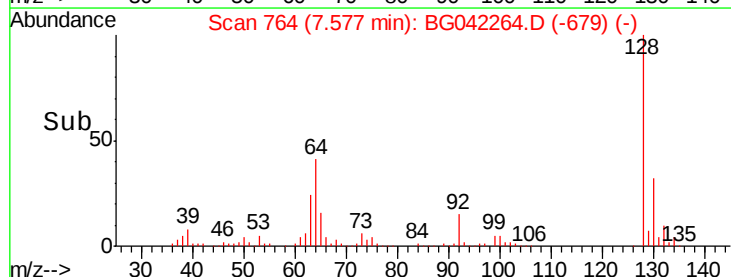
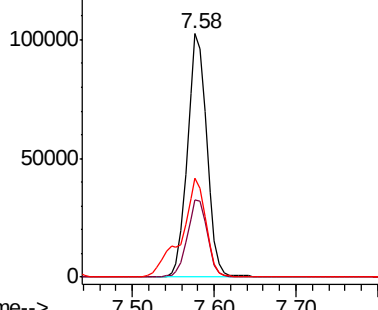
128 100

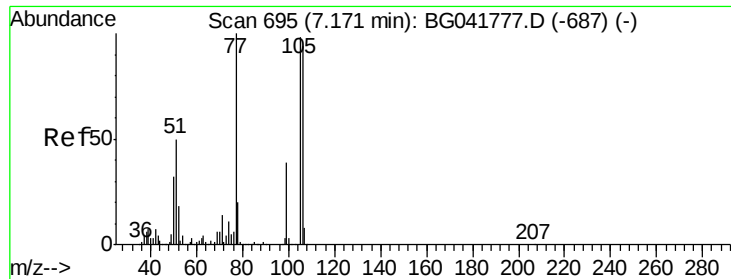
130 31.6 12.4 52.4

64 40.9 34.9 74.9



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





#9

Benzaldehyde

Concen: 19.975 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.03 min

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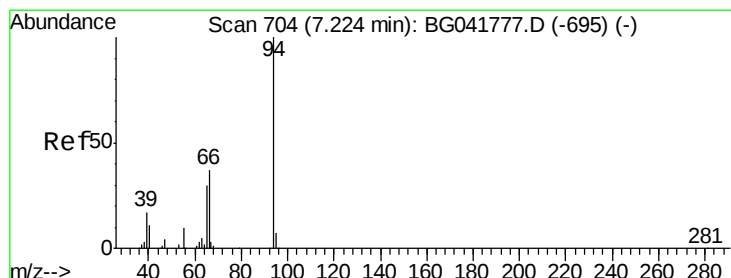
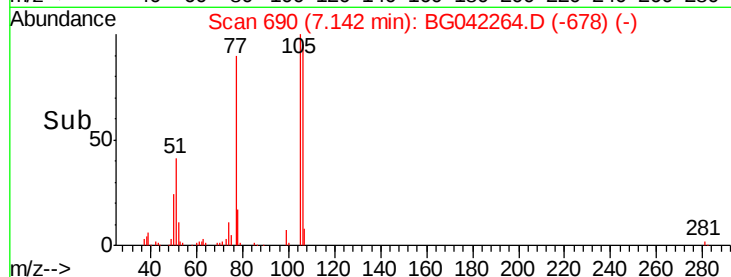
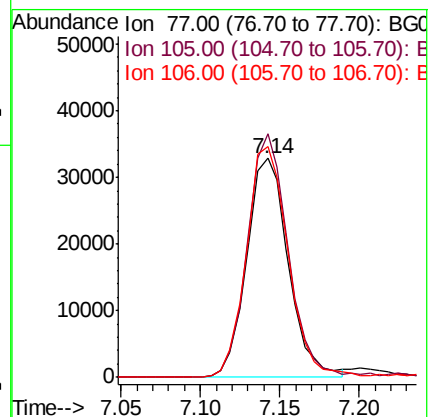
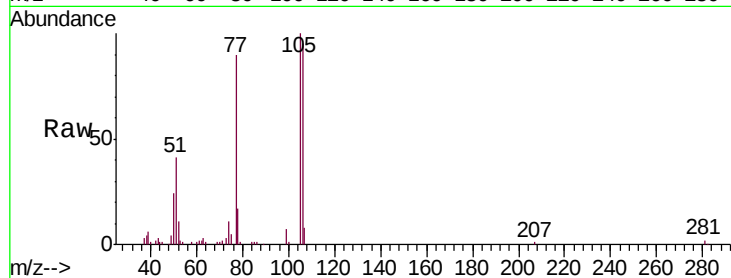
Tgt Ion: 77 Resp: 60045

Ion Ratio Lower Upper

77 100

105 111.3 74.6 114.6

106 105.4 71.1 111.1



#10

Phenol

Concen: 37.920 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

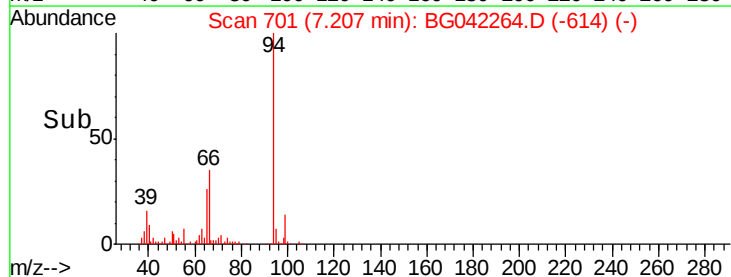
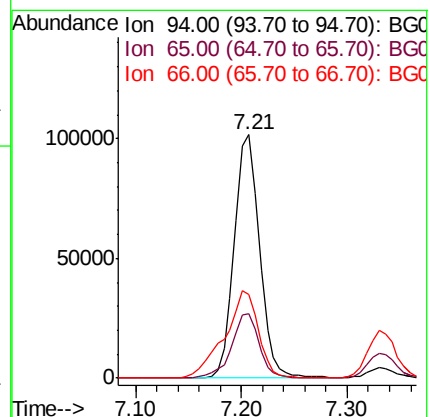
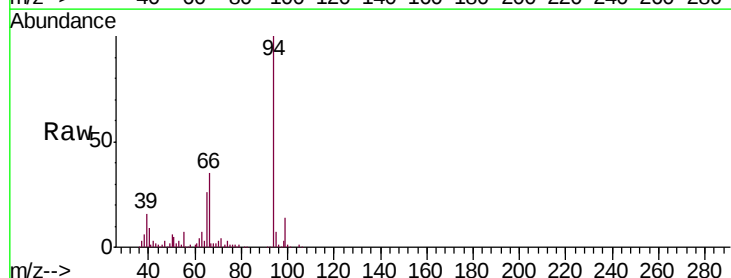
Tgt Ion: 94 Resp: 168535

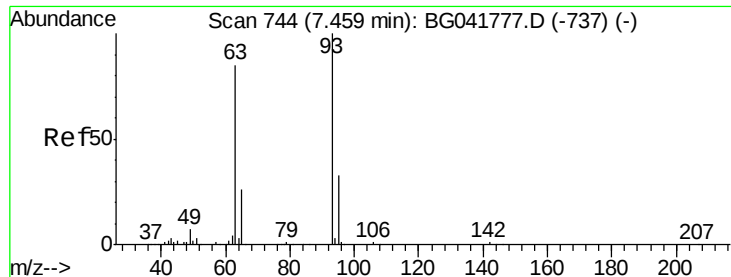
Ion Ratio Lower Upper

94 100

65 26.4 10.6 50.6

66 34.6 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 38.329 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

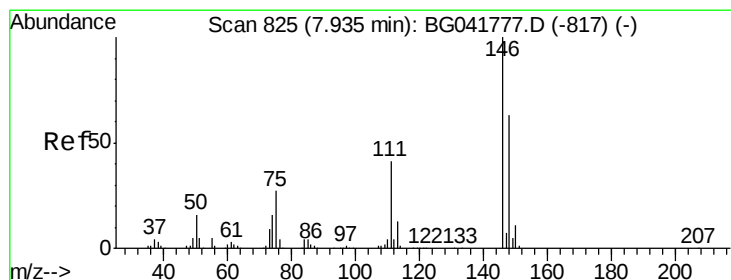
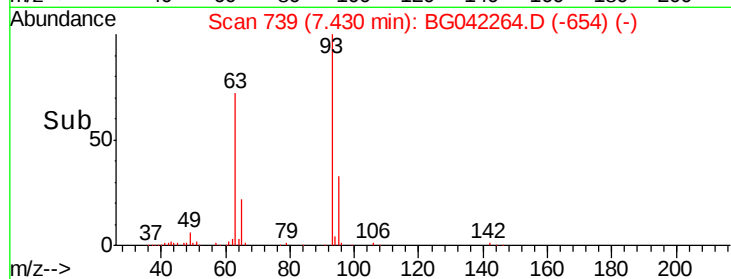
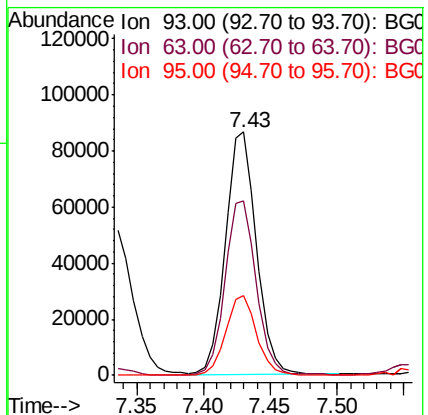
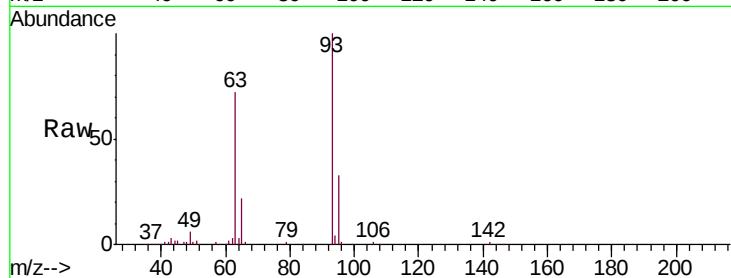
Tgt Ion: 93 Resp: 140046

Ion Ratio Lower Upper

93 100

63 71.9 70.4 110.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.244 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.11 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

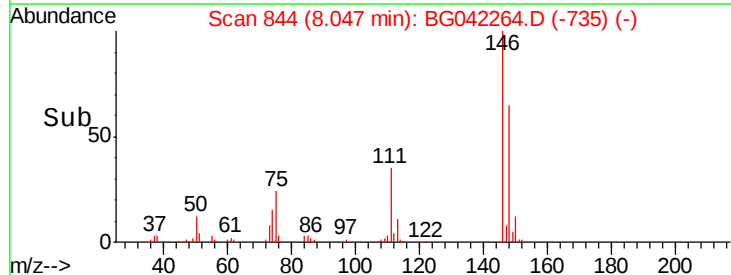
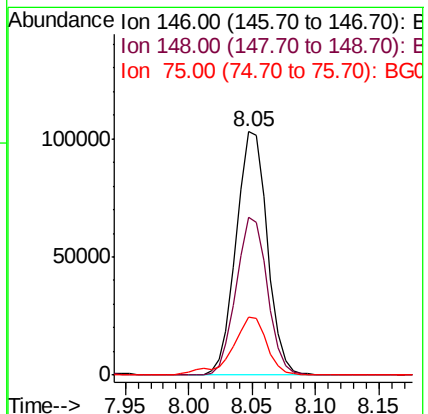
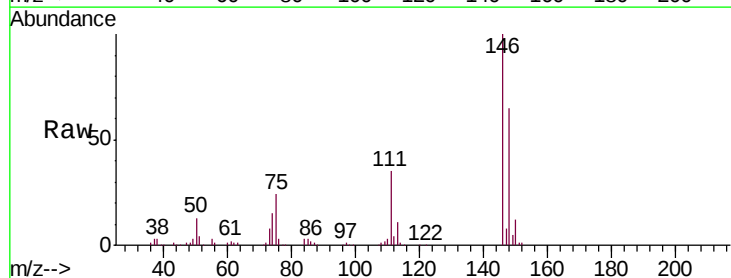
Tgt Ion: 146 Resp: 176382

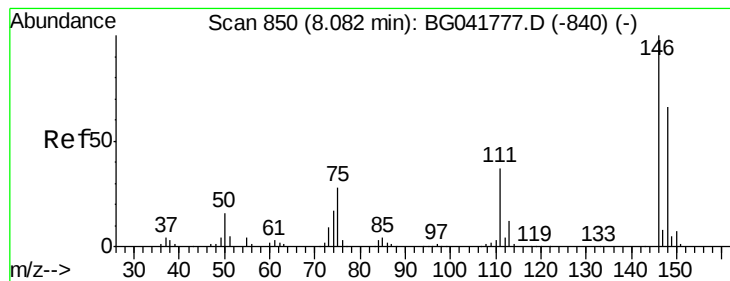
Ion Ratio Lower Upper

146 100

148 64.7 51.5 77.3

75 24.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 37.221 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

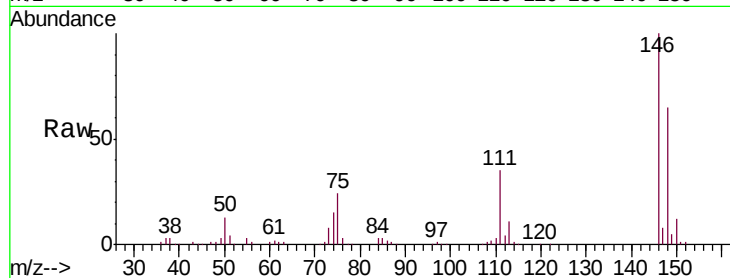
Tgt Ion:146 Resp: 176382

Ion Ratio Lower Upper

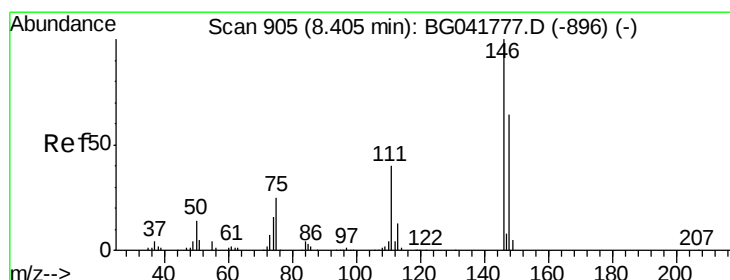
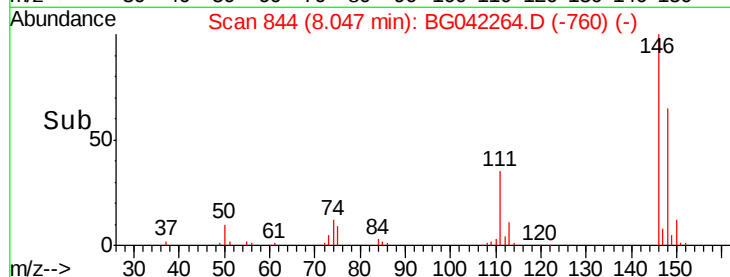
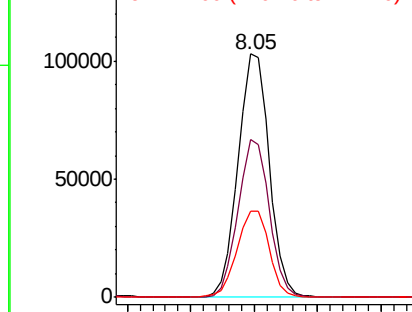
146 100

148 64.7 52.6 79.0

111 35.1 32.5 48.7



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: 37.807 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

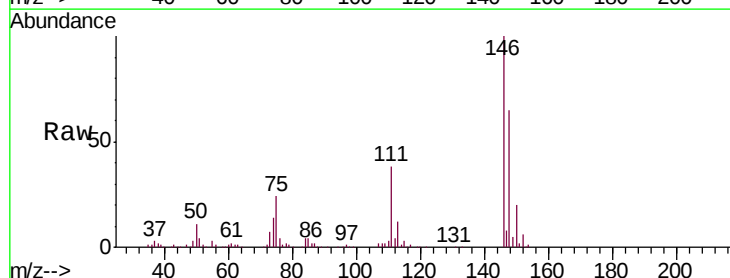
Tgt Ion:146 Resp: 170955

Ion Ratio Lower Upper

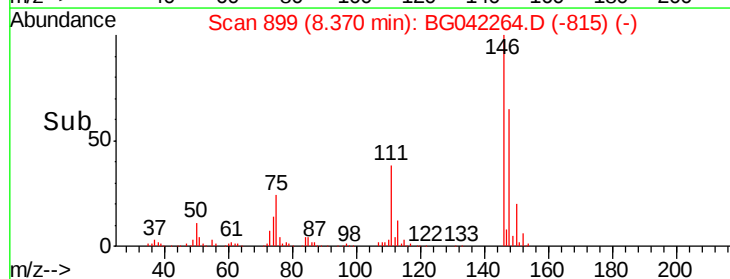
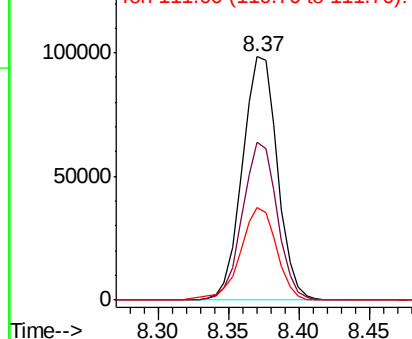
146 100

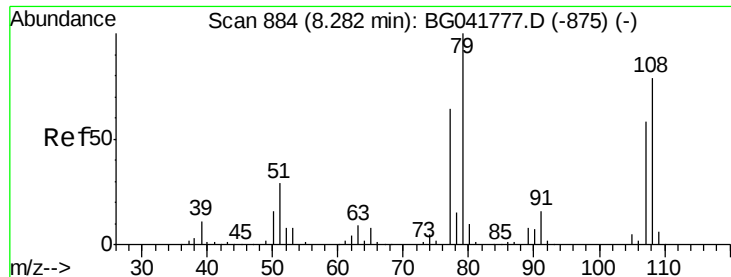
148 64.9 53.5 80.3

111 38.1 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 37.720 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

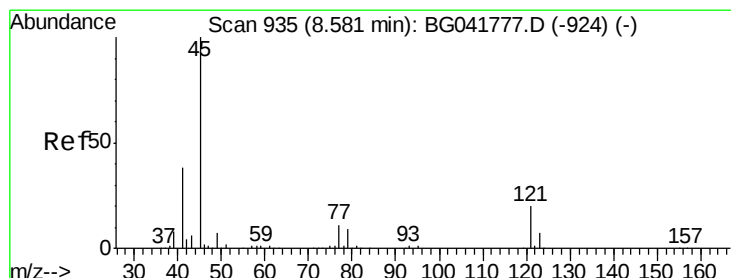
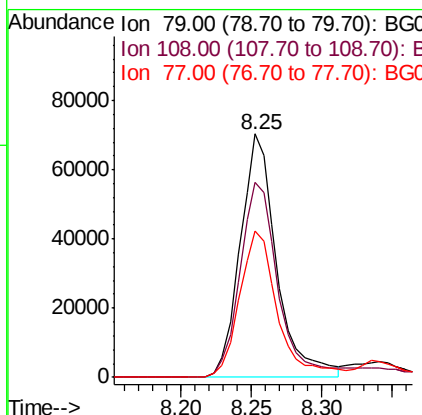
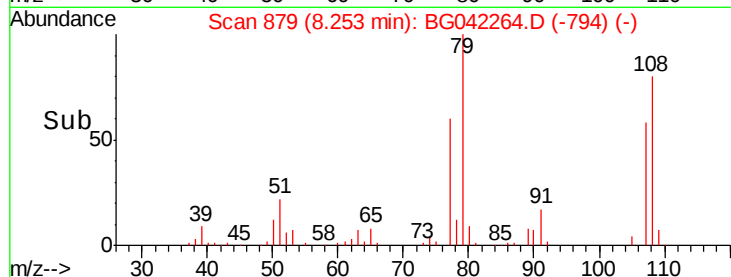
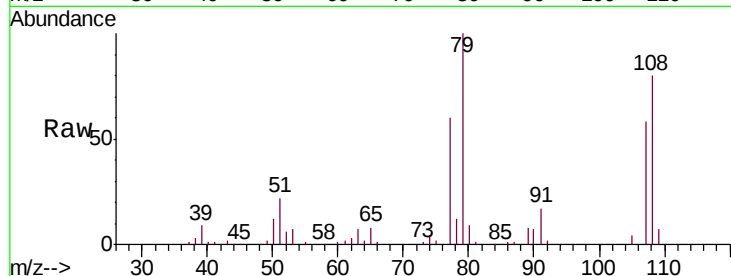
Tgt Ion: 79 Resp: 126777

Ion Ratio Lower Upper

79 100

108 80.1 60.5 90.7

77 60.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.922 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

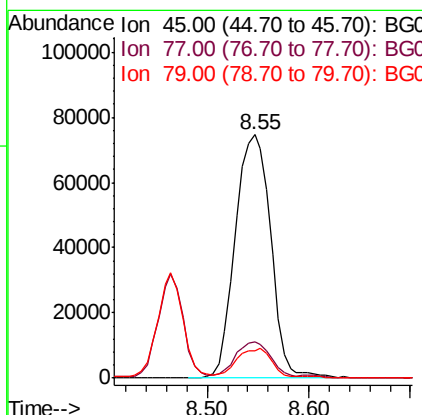
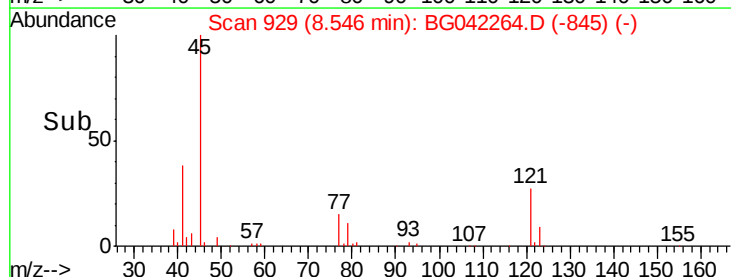
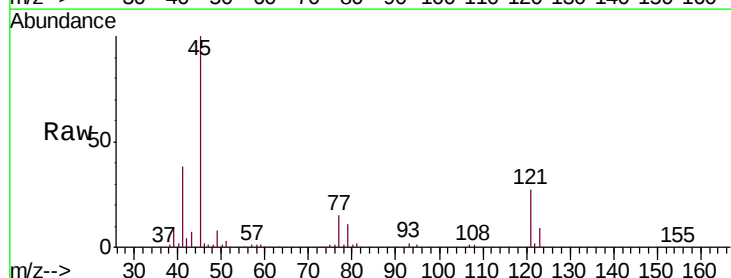
Tgt Ion: 45 Resp: 181507

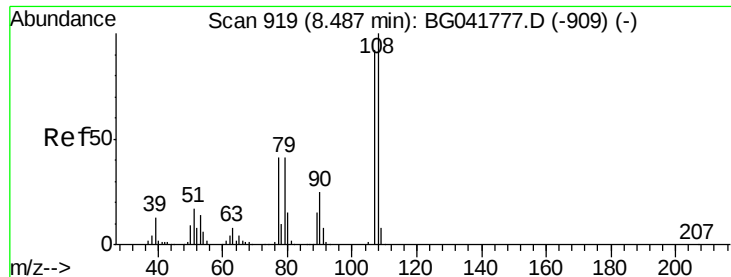
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.4

79 11.4 0.0 27.9

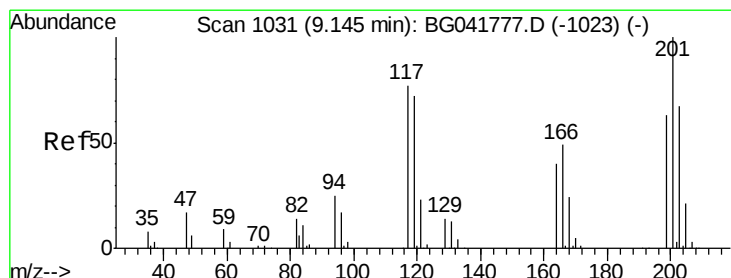
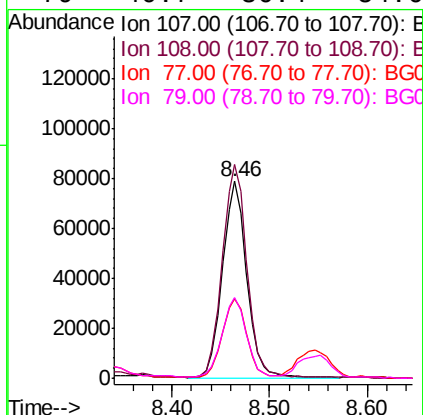
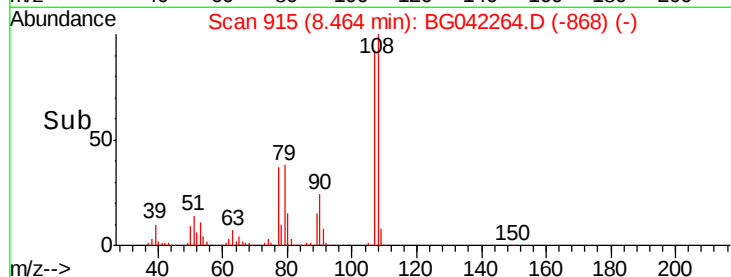
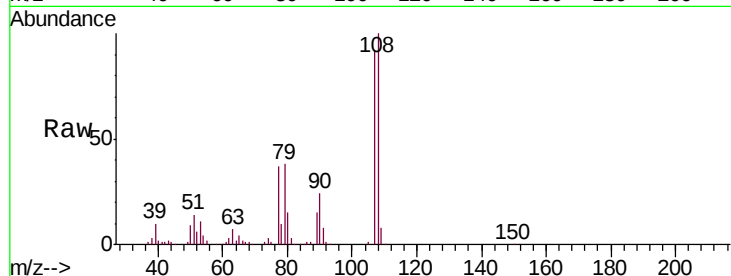




#17
2-Methylphenol
Concen: 41.786 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

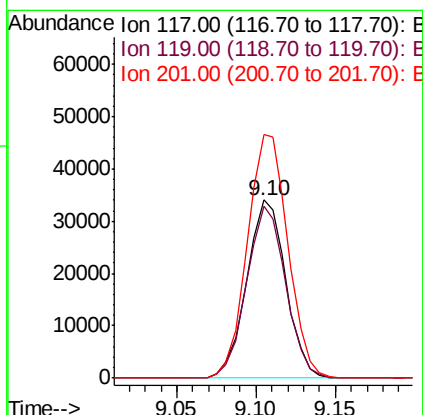
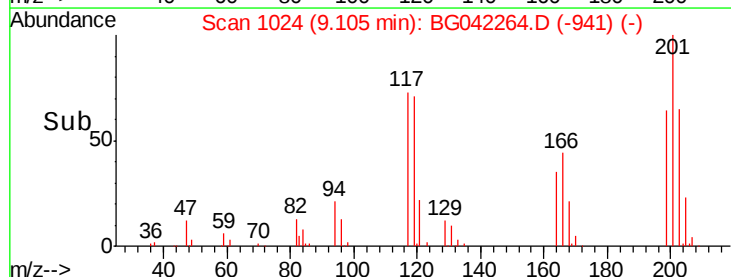
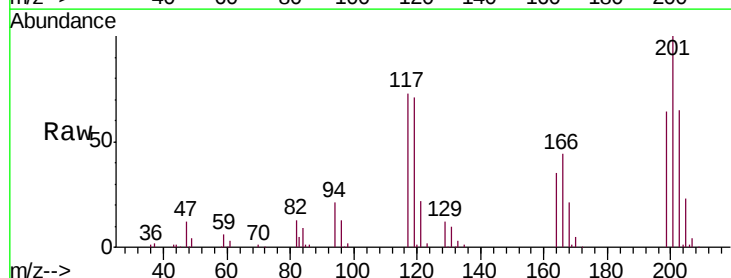
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

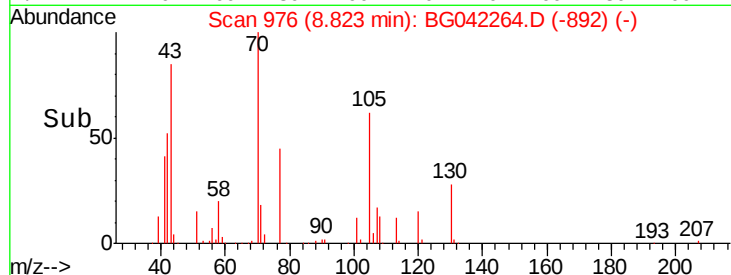
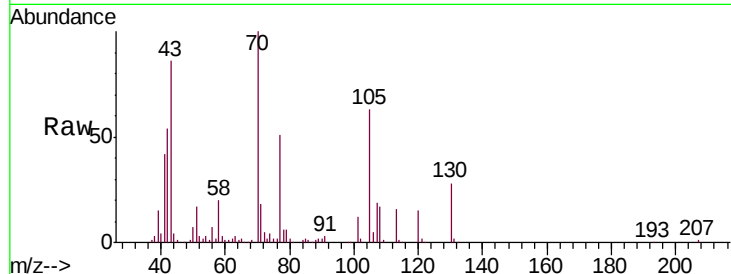
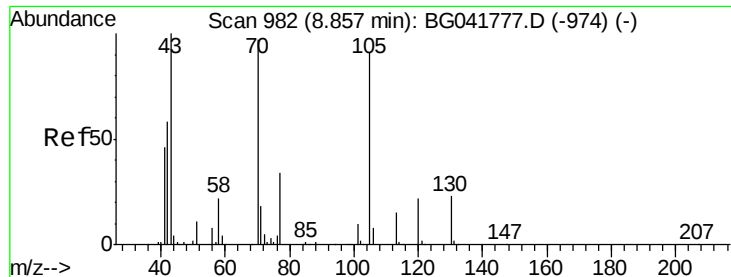
Tgt Ion:	107	Resp:	135066
Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.6	131.4
77	40.5	36.1	54.1
79	40.7	36.4	54.6



#18
Hexachloroethane
Concen: 35.868 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:	117	Resp:	58206
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.2
201	136.7	94.1	141.1

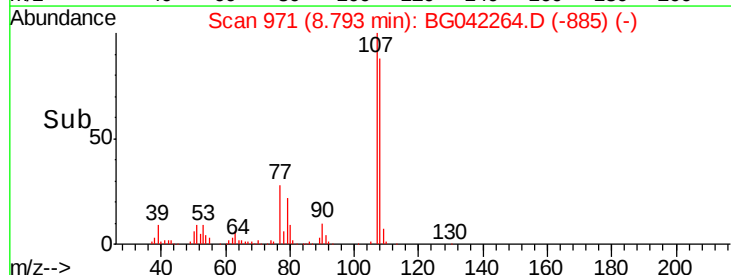
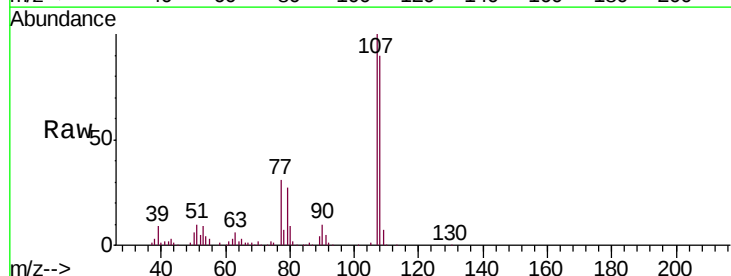
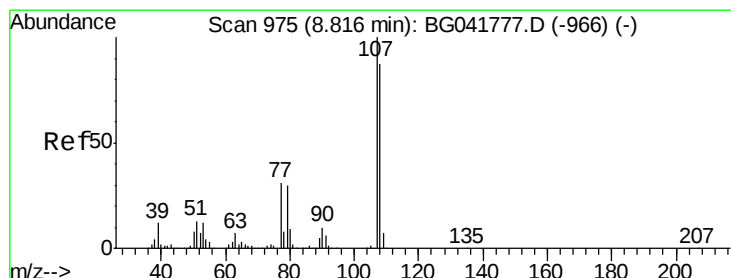
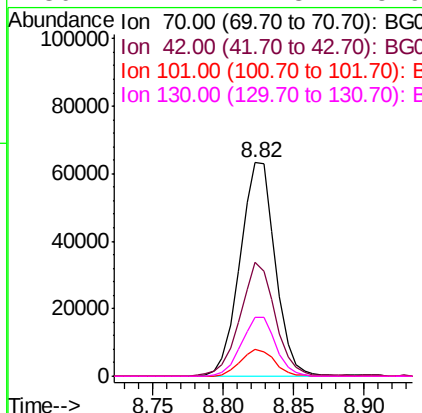




#19
n-Nitroso-di-n-propylamine
Concen: 35.661 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

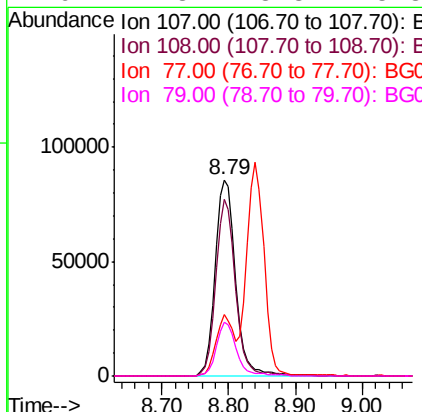
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

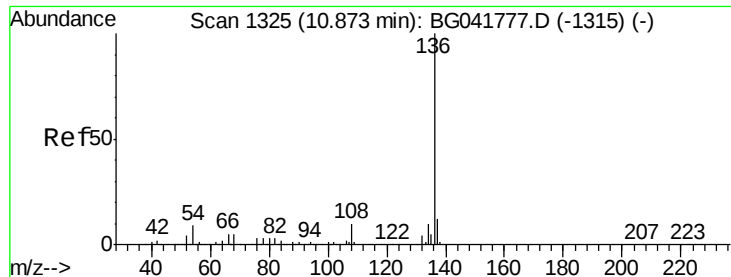
Tgt Ion:	70	Resp:	110608
Ion	Ratio	Lower	Upper
70	100		
42	53.6	55.8	83.6#
101	12.3	8.1	12.1#
130	27.7	17.3	25.9#



#20
3+4-Methylphenols
Concen: 41.955 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:	107	Resp:	185579
Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.5	107.5
77	31.2	12.3	52.3
79	27.3	8.3	48.3

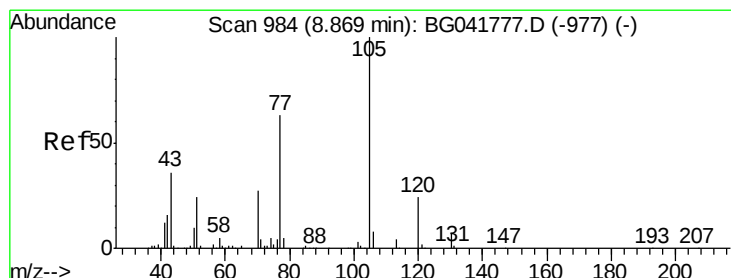
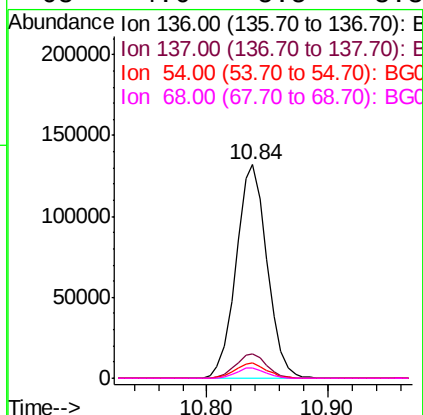
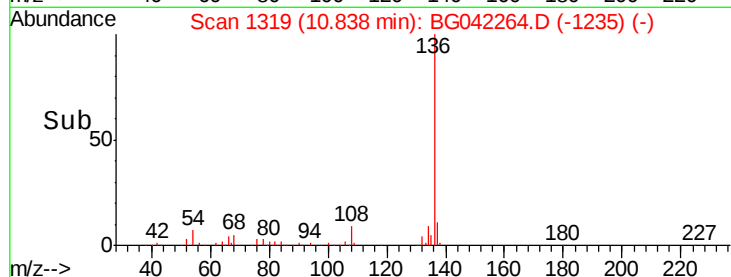
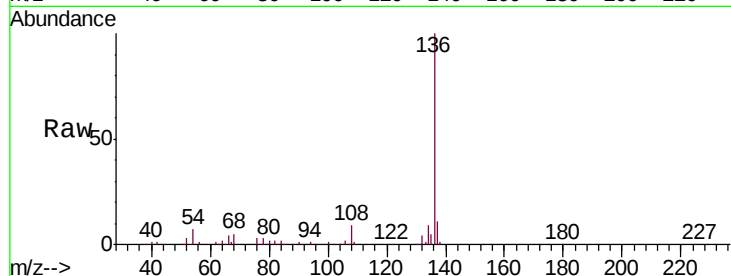




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

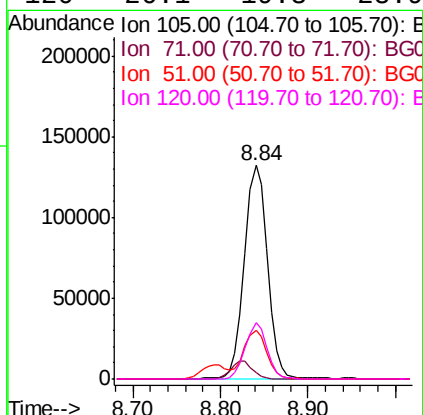
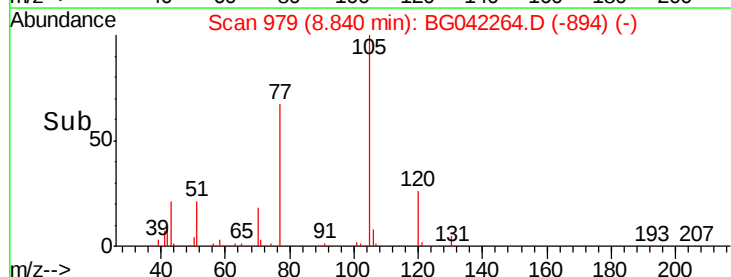
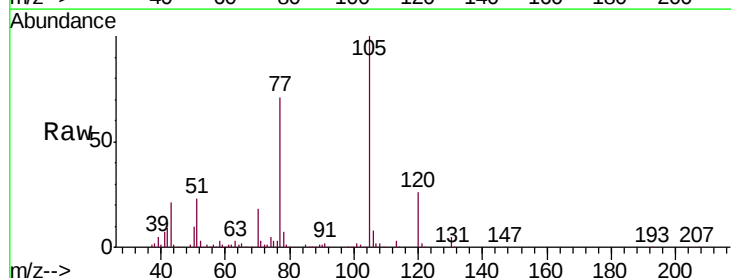
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

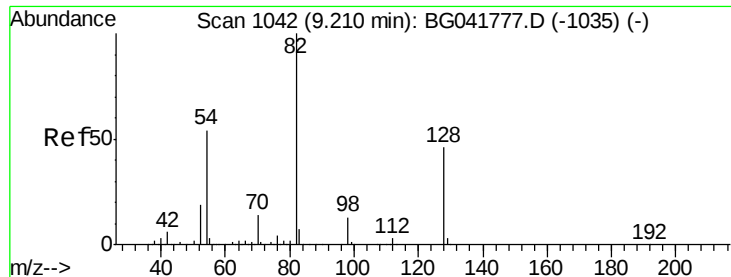
Tgt Ion:	136	Resp:	234970
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.1	8.7	13.1#
68	4.6	5.5	8.3#



#22
Acetophenone
Concen: 44.824 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:	105	Resp:	235583
Ion	Ratio	Lower	Upper
105	100		
71	2.9	5.9	8.9#
51	22.9	27.7	41.5#
120	26.1	19.3	28.9

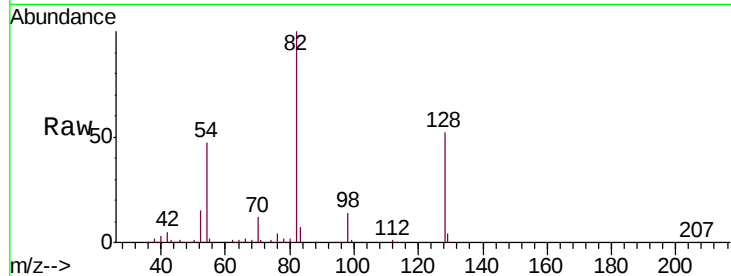




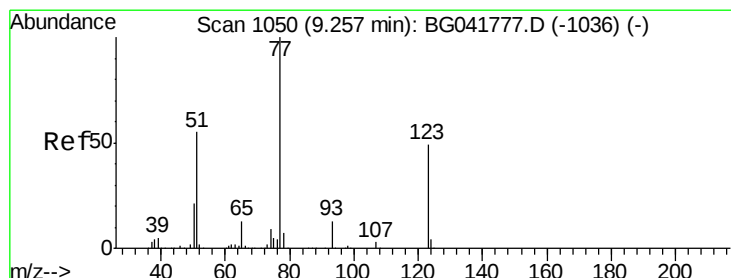
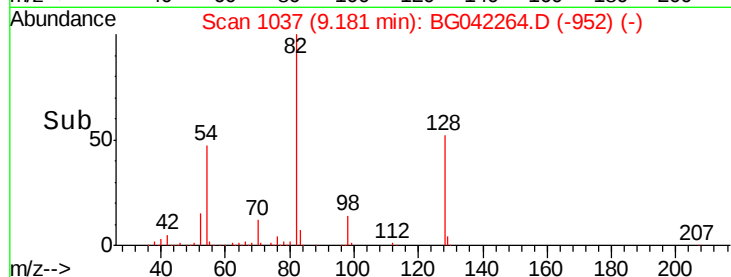
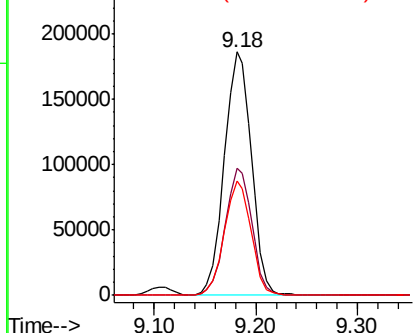
#23
 Nitrobenzene-d5
 Concen: 100.647 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tgt Ion: 82 Resp: 343655
 Ion Ratio Lower Upper
 82 100
 128 52.3 35.1 52.7
 54 46.9 48.7 73.1#

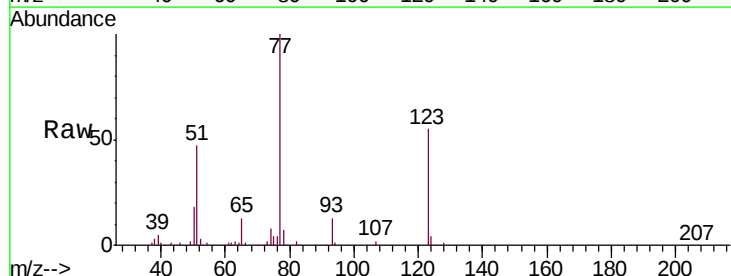


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

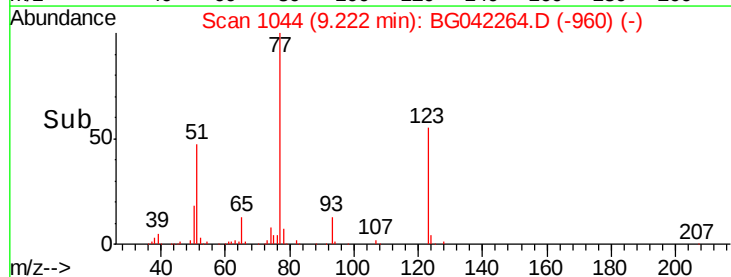
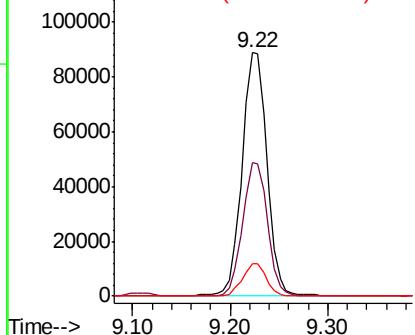


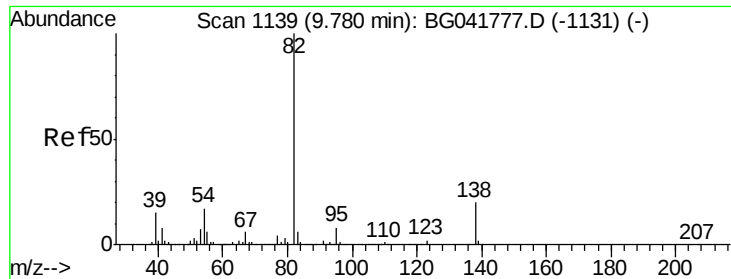
#24
 Nitrobenzene
 Concen: 44.332 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion: 77 Resp: 159469
 Ion Ratio Lower Upper
 77 100
 123 54.6 38.1 57.1
 65 13.3 11.0 16.6



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





#25

Isophorone

Concen: 41.904 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

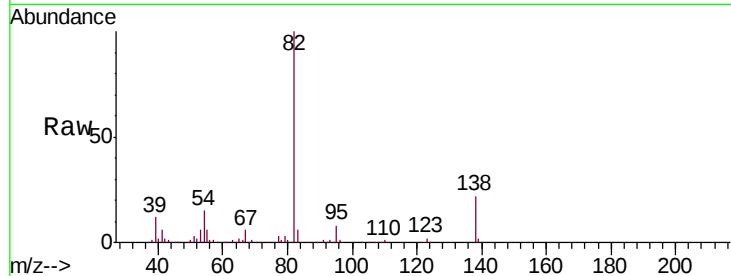
Tgt Ion: 82 Resp: 311245

Ion Ratio Lower Upper

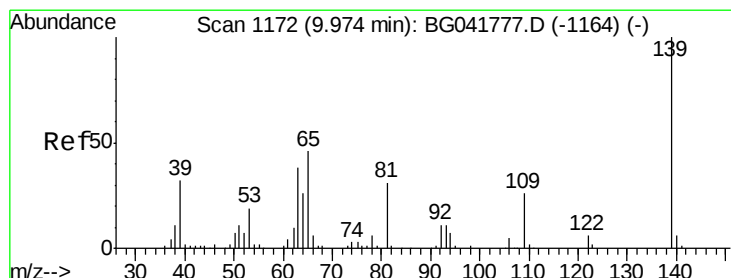
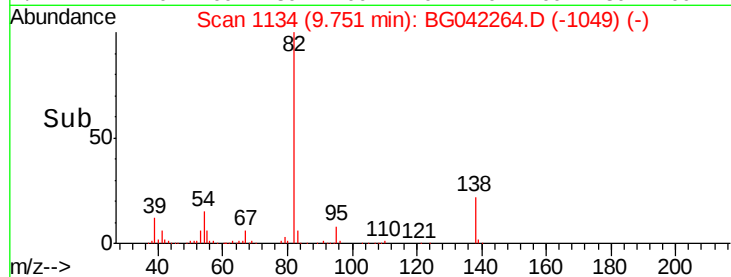
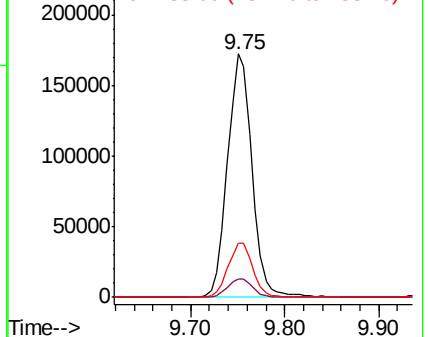
82 100

95 7.6 5.9 8.9

138 22.2 16.3 24.5



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



#26

2-Nitrophenol

Concen: 61.954 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

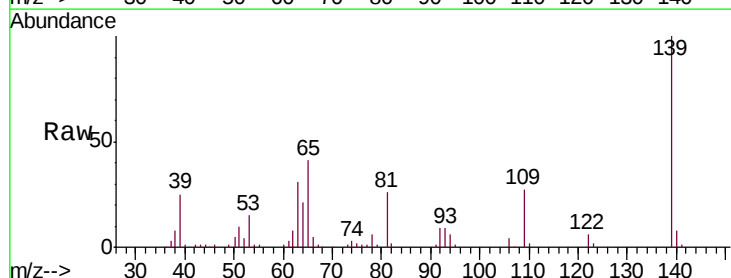
Tgt Ion: 139 Resp: 103431

Ion Ratio Lower Upper

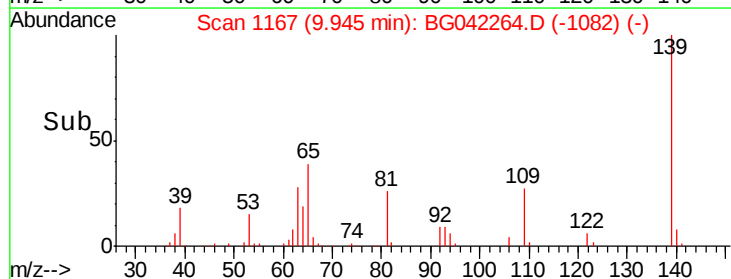
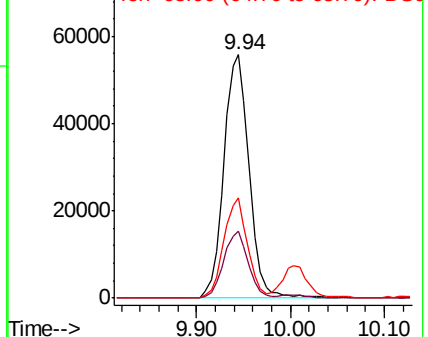
139 100

109 27.4 22.7 34.1

65 41.3 41.1 61.7



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

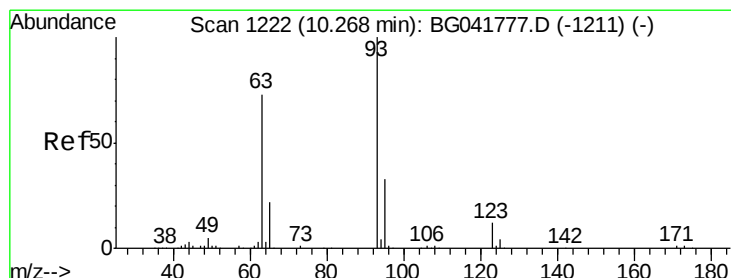
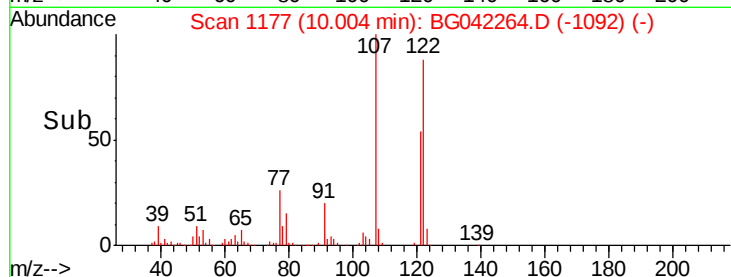
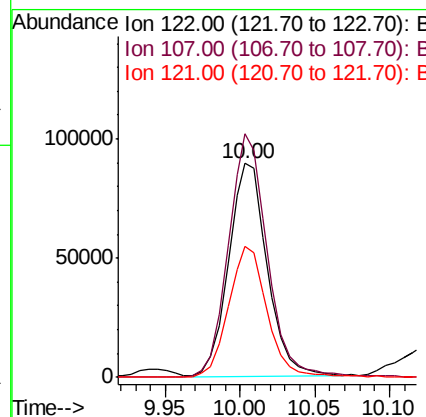
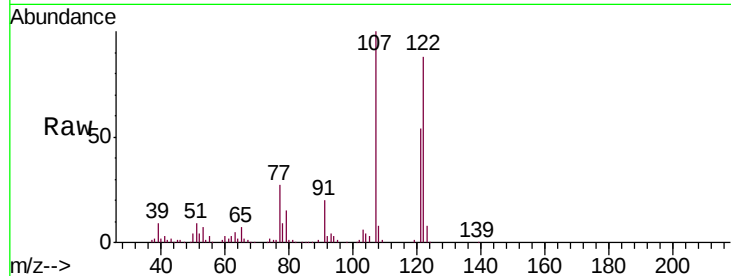




#27
 2,4-Dimethylphenol
 Concen: 54.459 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

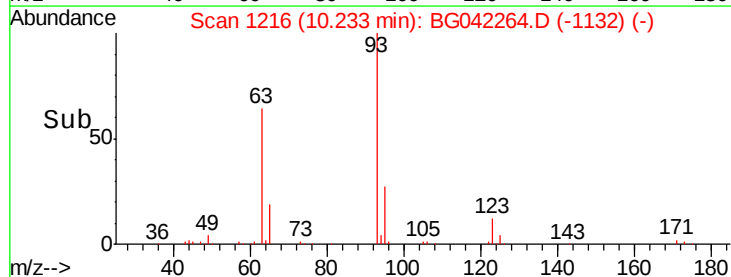
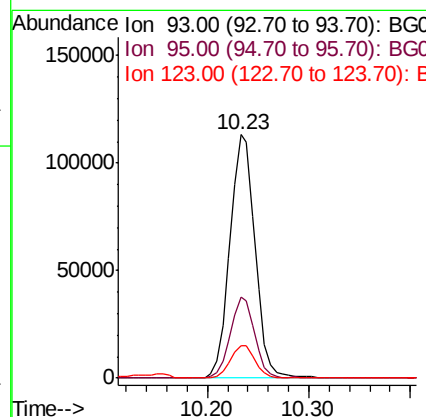
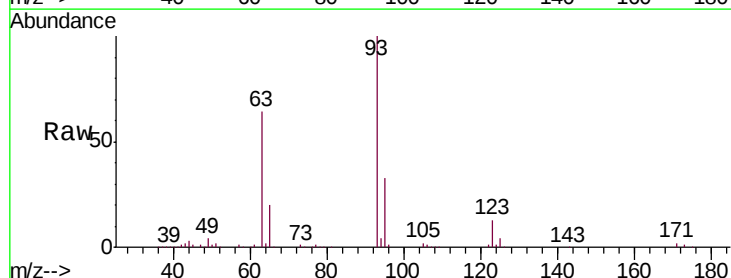
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

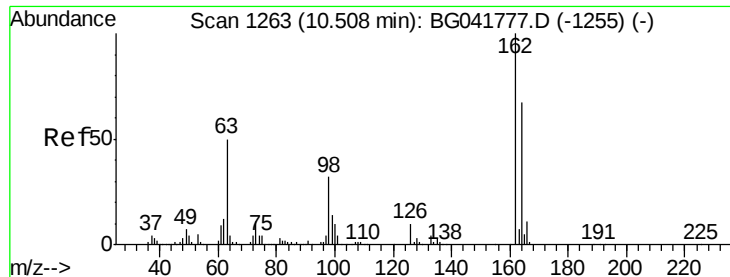
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.3	136.9
121	61.0	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.980 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	13.4	9.9	14.9

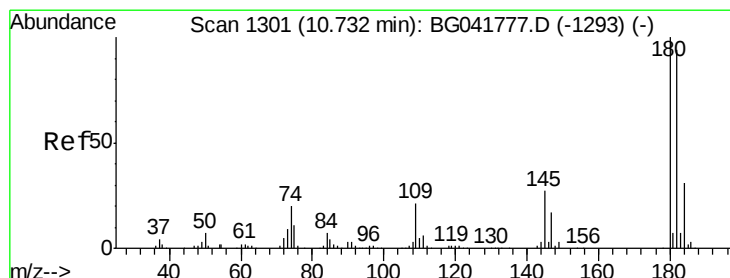
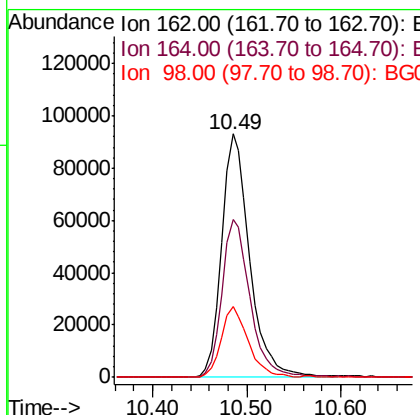
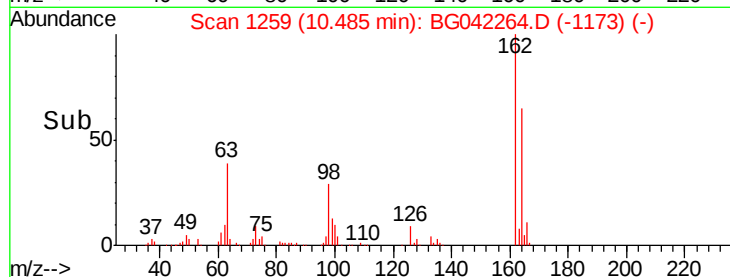
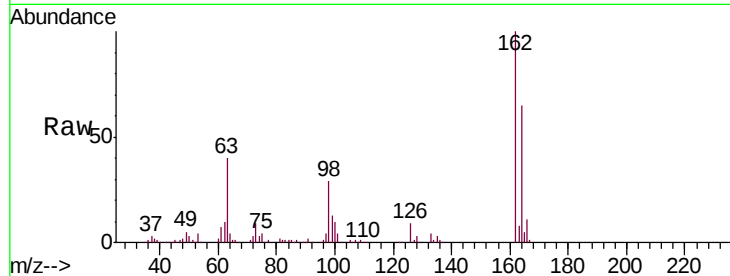




#29
2,4-Dichlorophenol
Concen: 53.774 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

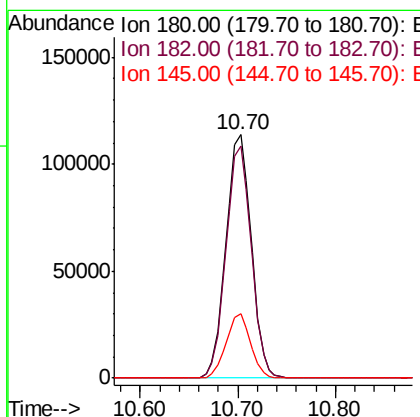
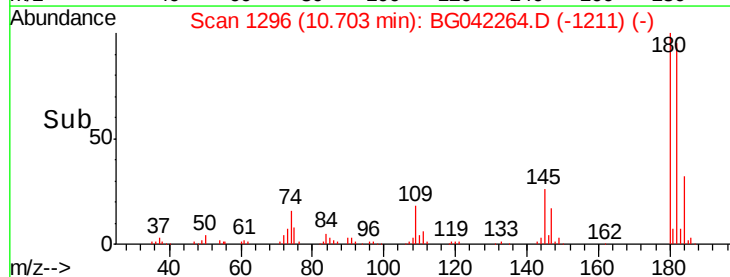
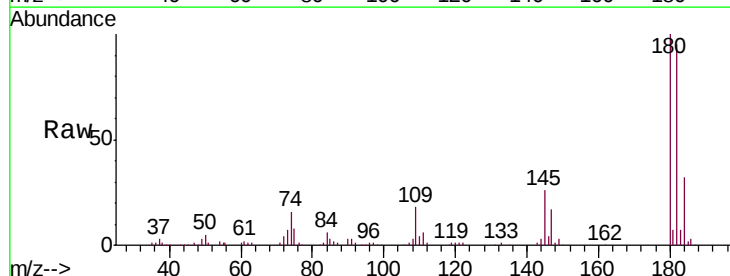
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

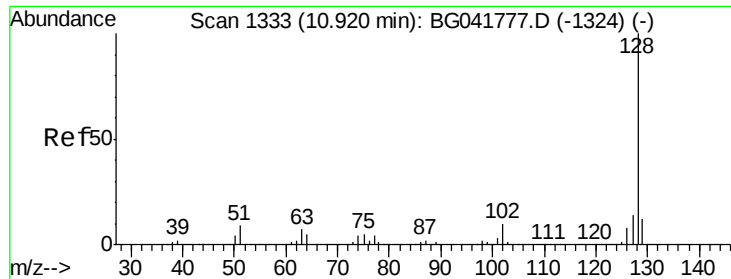
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.1	86.1
98	29.3	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 45.063 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	26.5	23.8	35.8

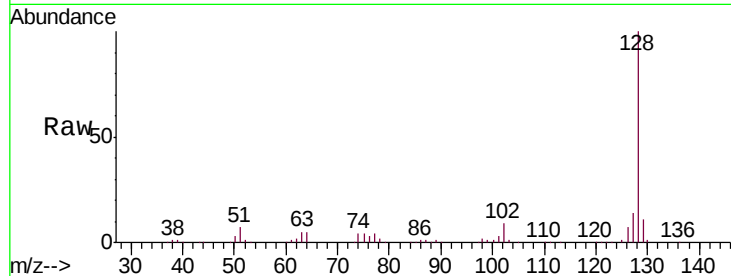




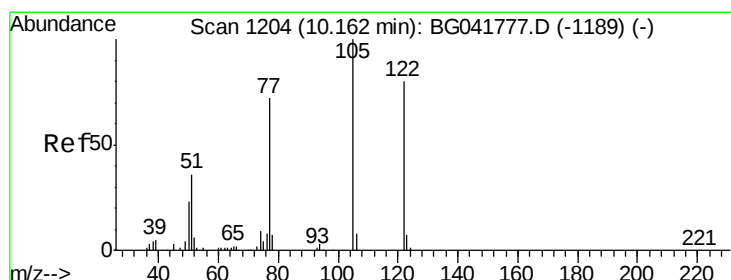
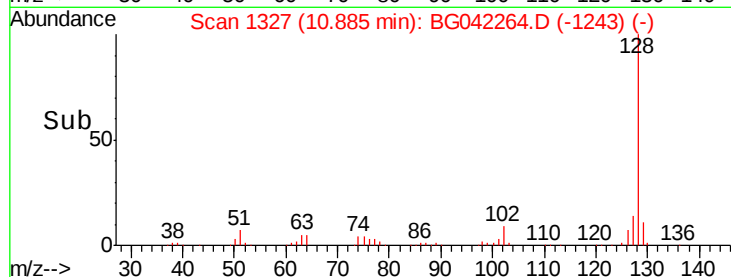
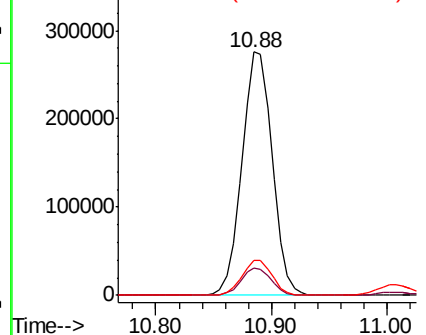
#31
Naphthalene
Concen: 46.641 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tgt Ion:128 Resp: 501576
Ion Ratio Lower Upper
128 100
129 11.3 10.0 15.0
127 14.5 12.3 18.5

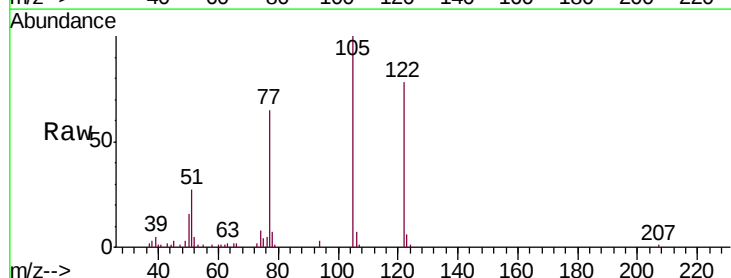


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

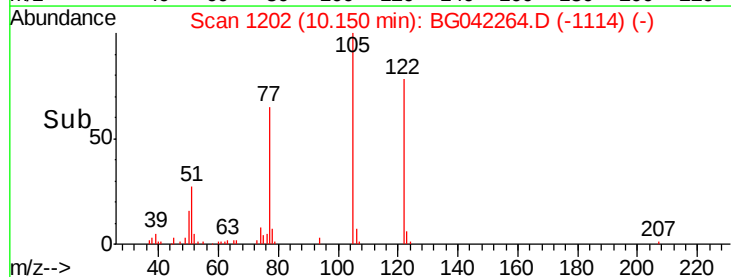
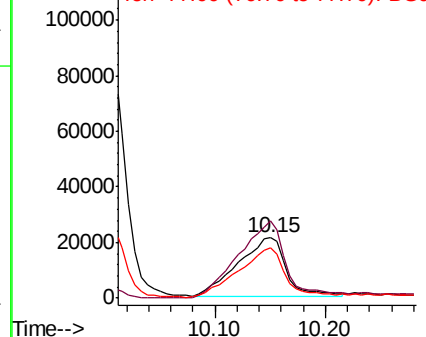


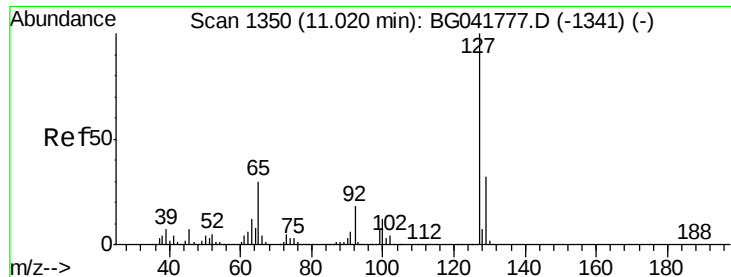
#32
Benzoic acid
Concen: 33.669 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:122 Resp: 64168
Ion Ratio Lower Upper
122 100
105 128.9 101.5 141.5
77 84.4 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

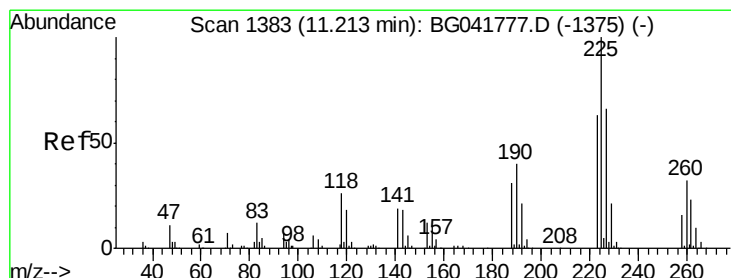
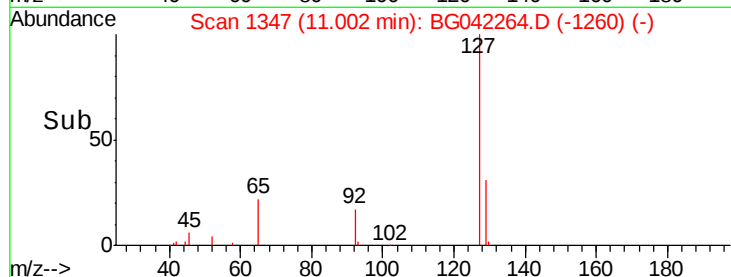
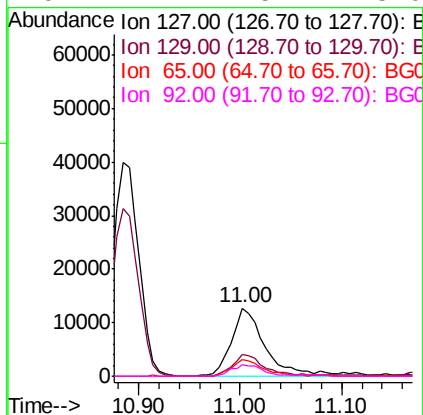
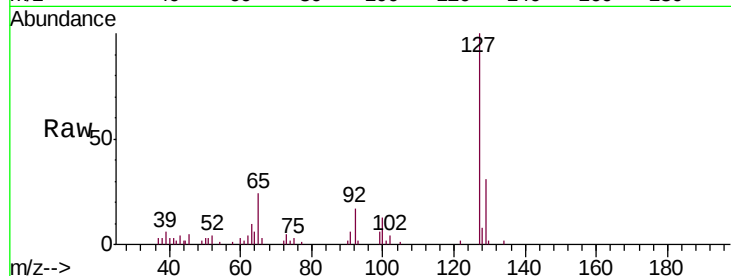




#33
4-Chloroaniline
Concen: 5.763 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

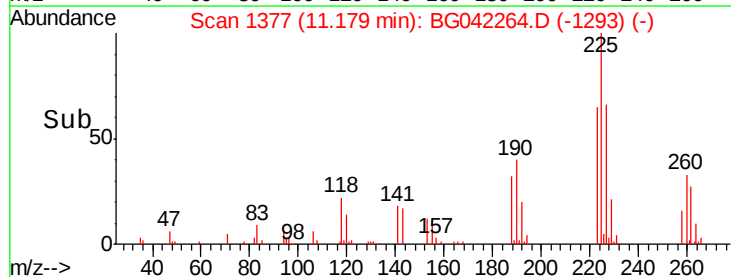
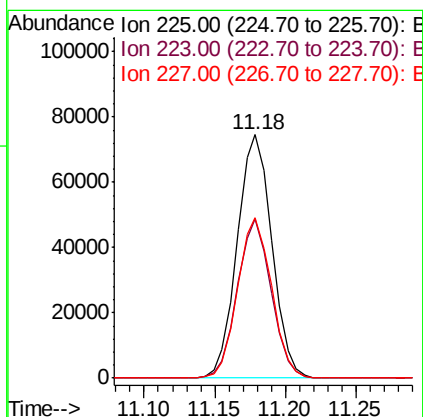
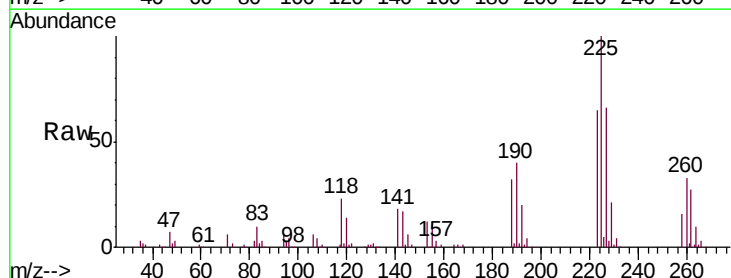
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

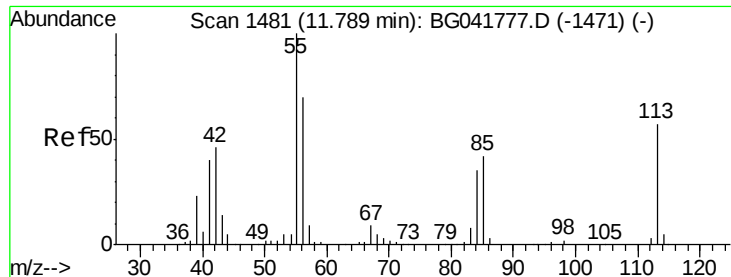
Tgt Ion:	127	Resp:	29390
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	23.7	26.7	40.1#
92	17.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.671 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:	225	Resp:	127972
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.1	76.7
227	65.7	50.9	76.3

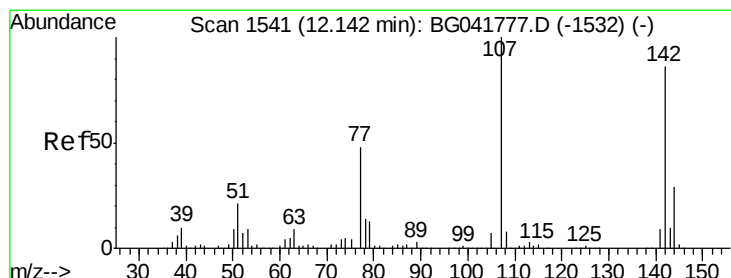
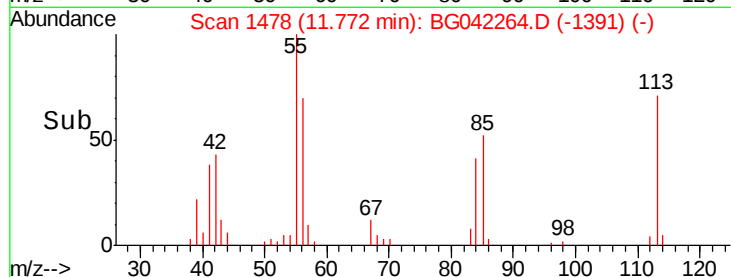
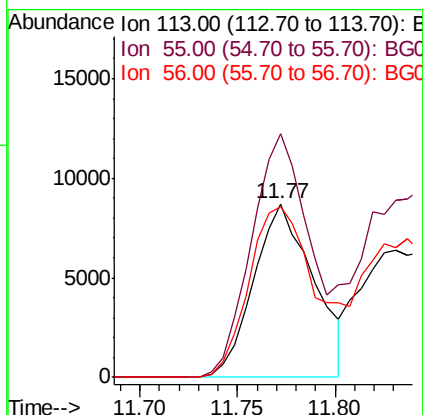
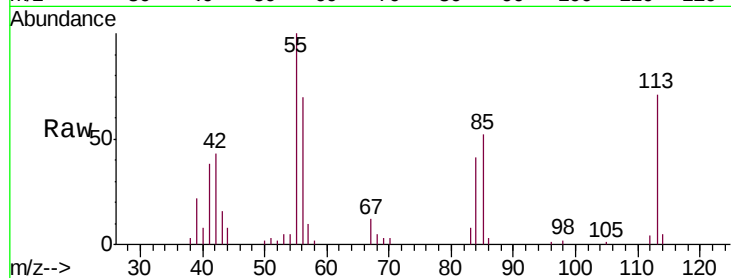




#35
 Caprolactam
 Concen: 14.844 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

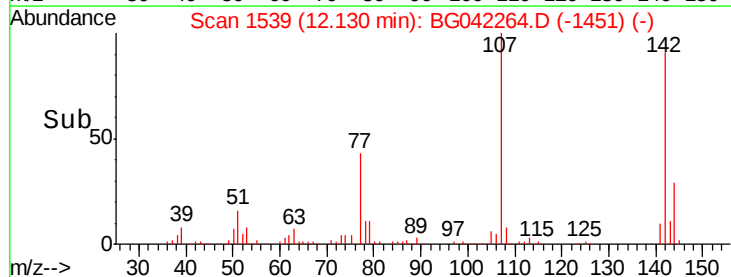
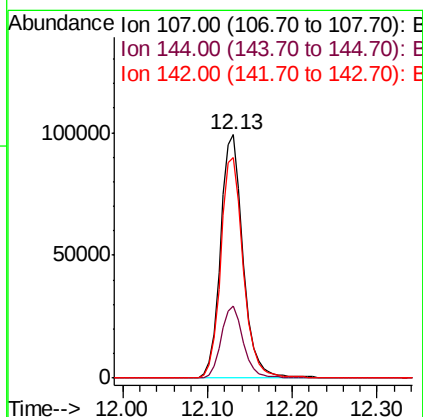
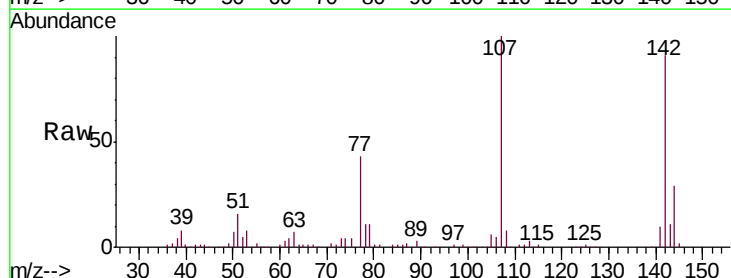
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

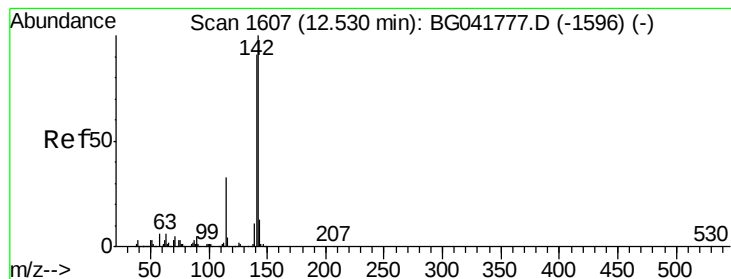
Tgt Ion:113 Resp: 18511
 Ion Ratio Lower Upper
 113 100
 55 140.2 199.4 239.4#
 56 98.2 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 51.572 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion:107 Resp: 183461
 Ion Ratio Lower Upper
 107 100
 144 29.4 22.2 33.2
 142 90.6 67.3 100.9





#37

2-Methylnaphthalene

Concen: 47.628 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

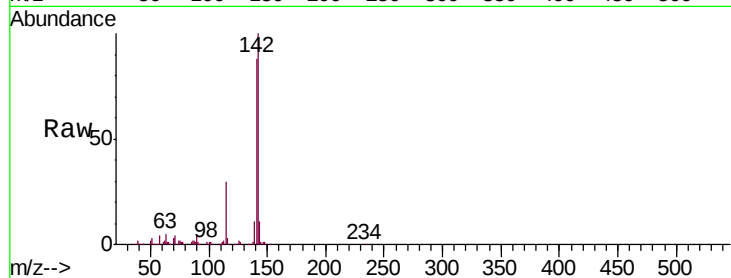
Tgt Ion:142 Resp: 405412

Ion Ratio Lower Upper

142 100

141 88.0 72.7 109.1

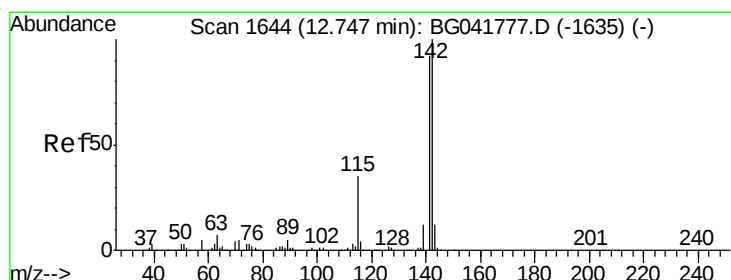
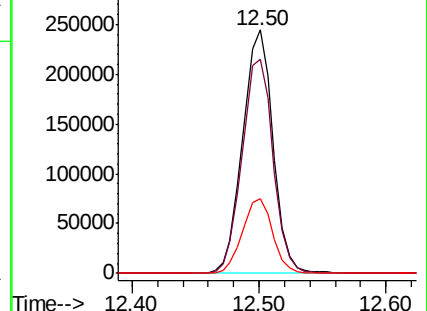
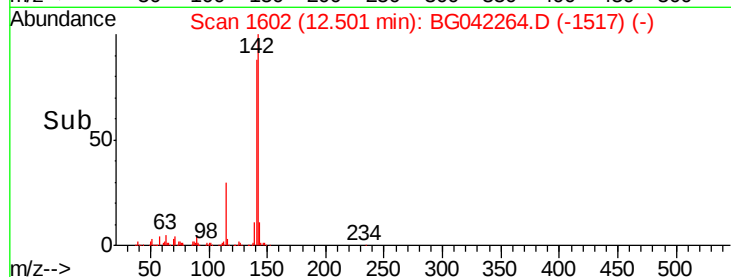
115 30.5 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.034 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

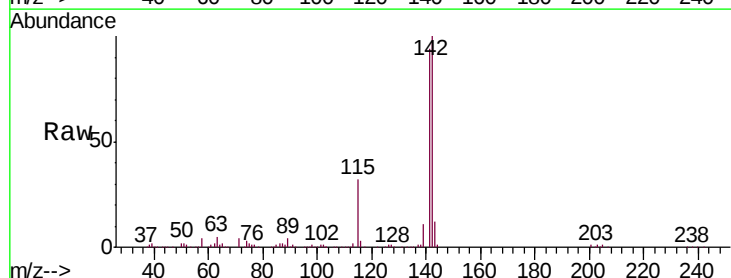
Tgt Ion:142 Resp: 387476

Ion Ratio Lower Upper

142 100

141 93.9 75.4 113.2

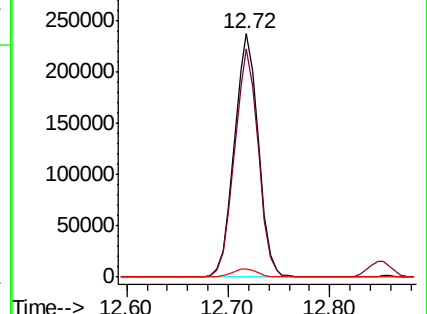
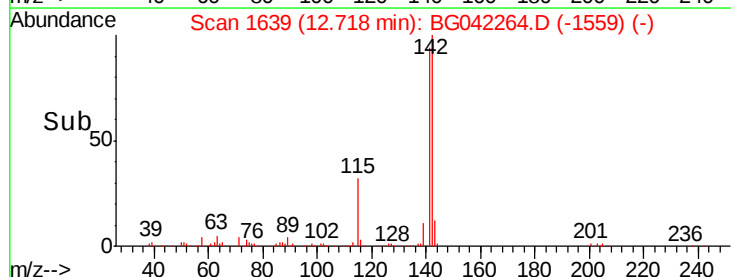
116 3.4 3.2 4.8

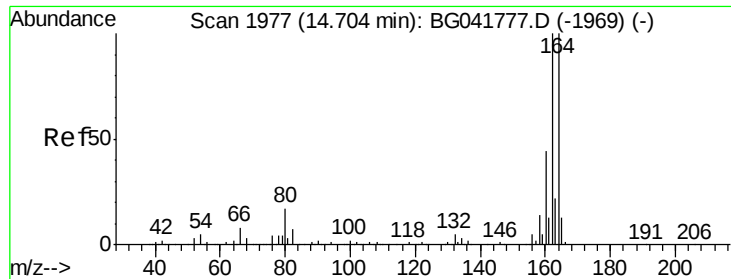


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

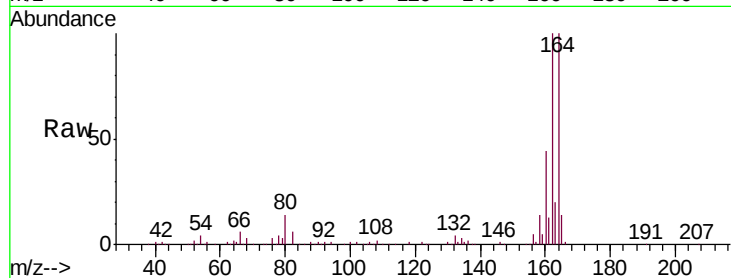
Tgt Ion:164 Resp: 171801

Ion Ratio Lower Upper

164 100

162 100.3 79.6 119.4

160 43.9 35.4 53.0

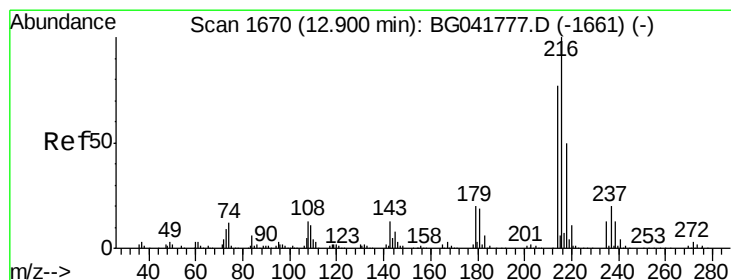
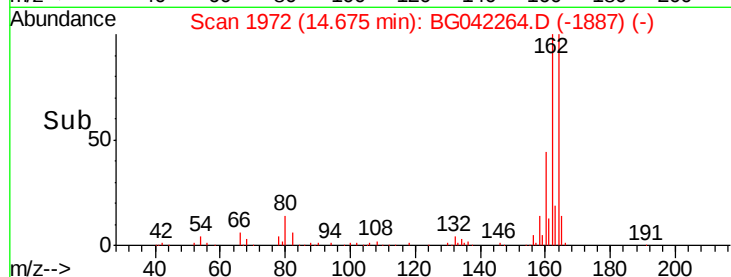
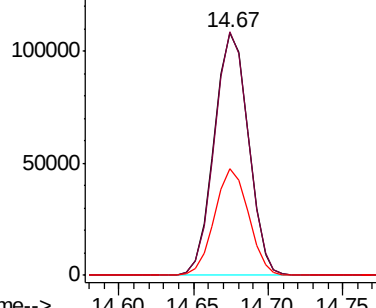


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.630 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Tgt Ion:216 Resp: 253582

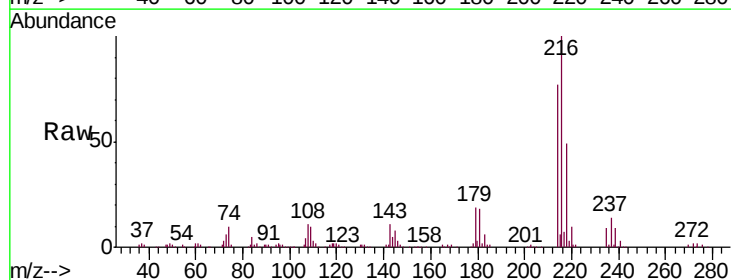
Ion Ratio Lower Upper

216 100

214 78.0 61.5 92.3

179 19.0 16.2 24.2

108 13.1 13.2 19.8#



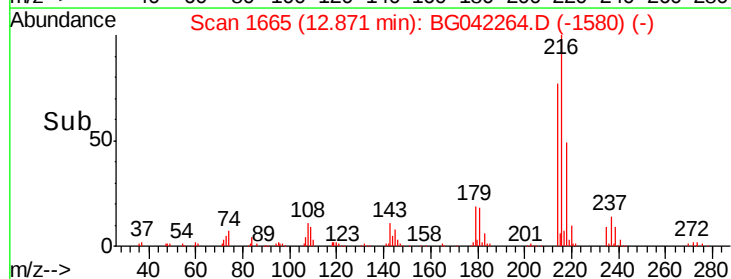
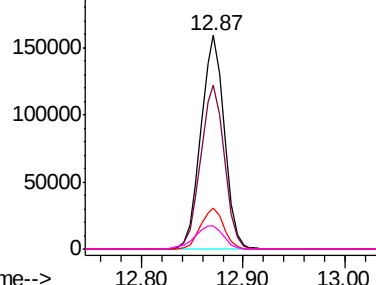
Abundance

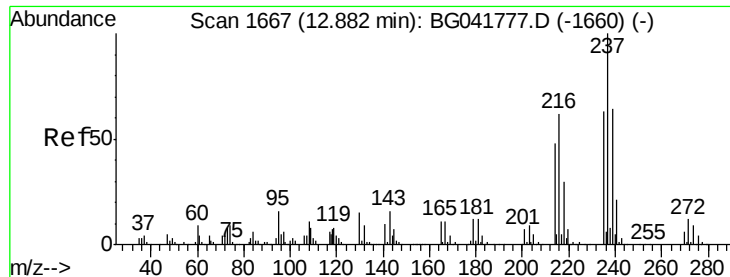
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.283 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

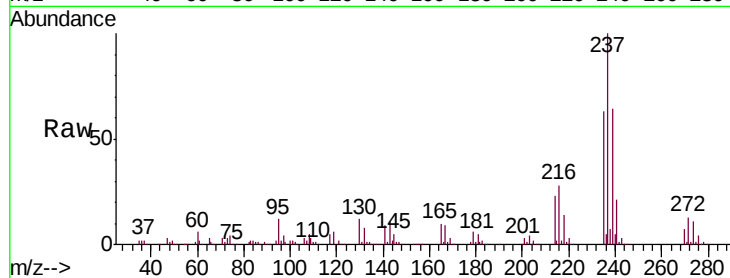
Tgt Ion:237 Resp: 266870

Ion Ratio Lower Upper

237 100

235 63.0 43.5 83.5

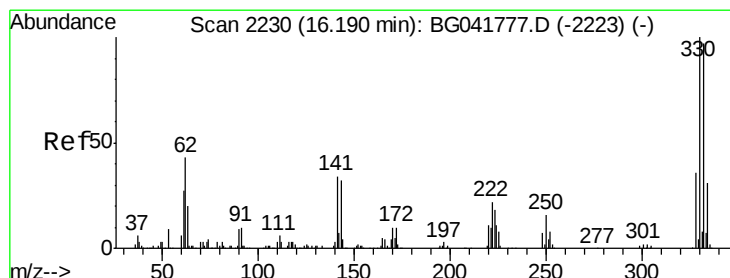
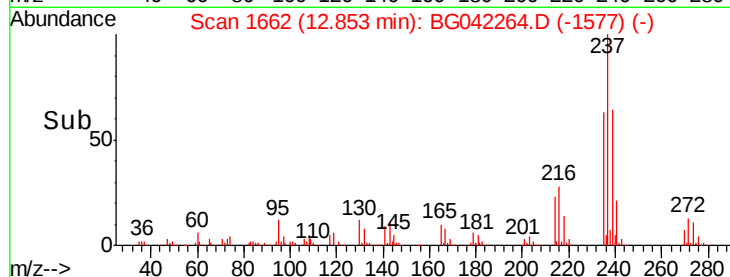
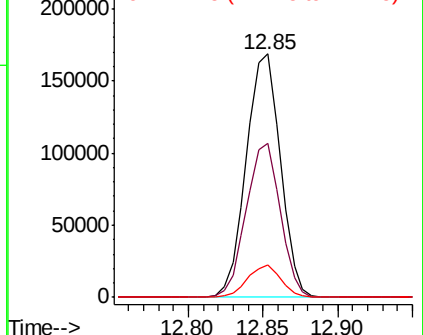
272 13.3 0.0 31.2



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



#42

2,4,6-Tribromophenol

Concen: 184.966 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

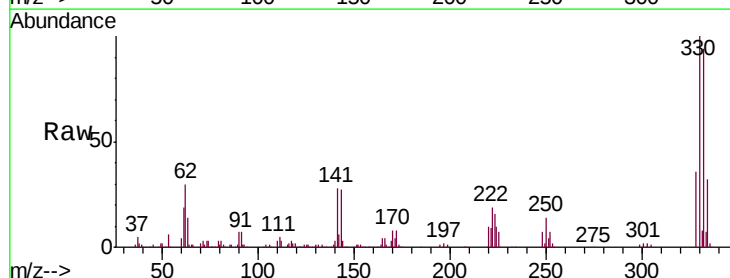
Tgt Ion:330 Resp: 360948

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

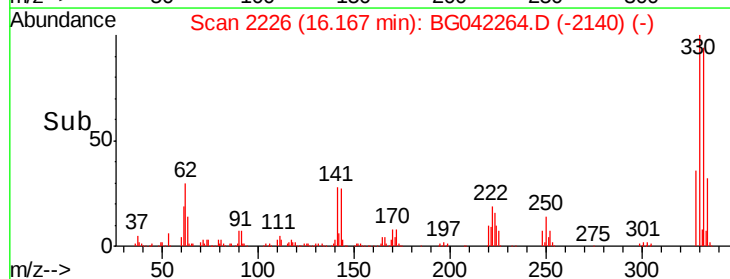
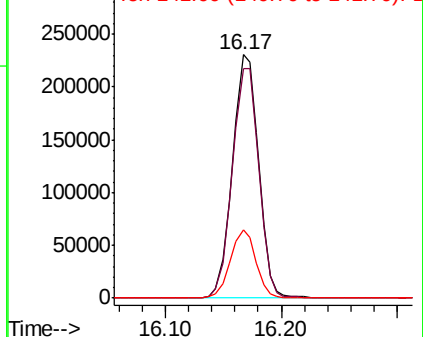
141 27.7 31.9 47.9#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

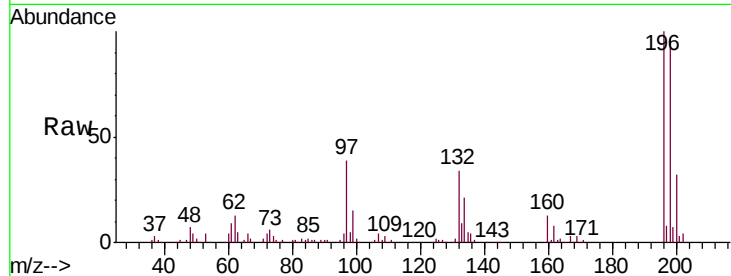




#43
 2,4,6-Trichlorophenol
 Concen: 52.208 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.6	119.4
200	31.6	25.2	37.8

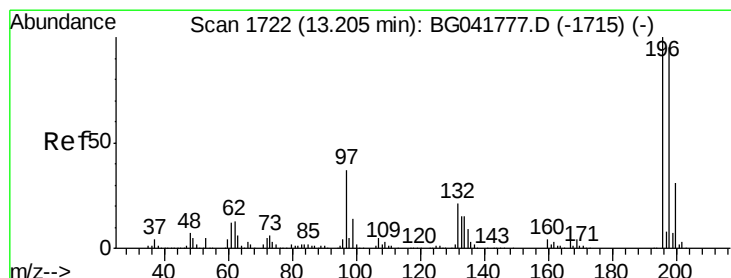
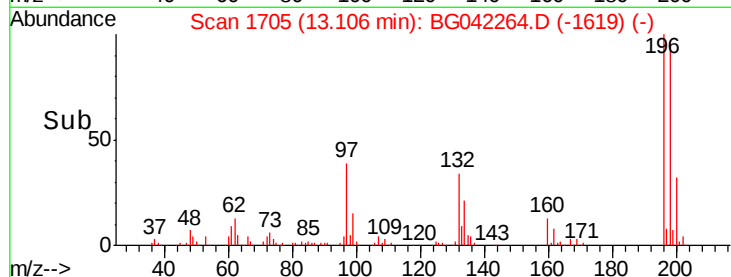
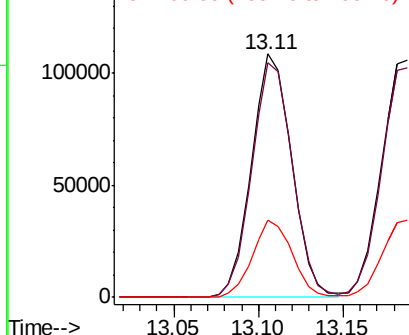


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 54.815 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	80.6	121.0
97	32.8	33.9	50.9#
132	21.1	20.2	30.2

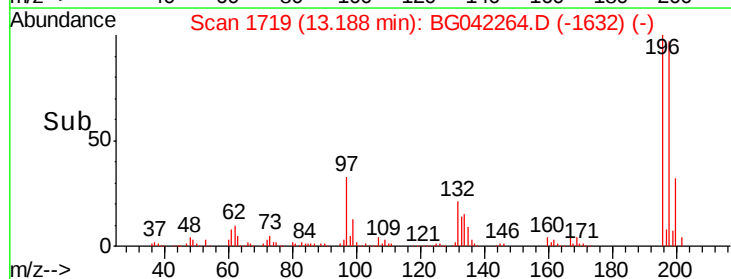
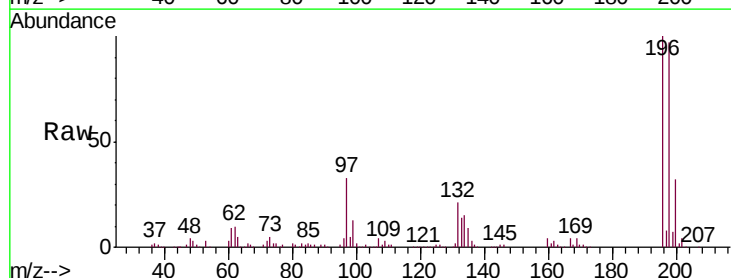
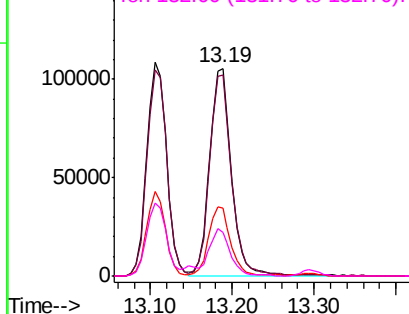
Abundance

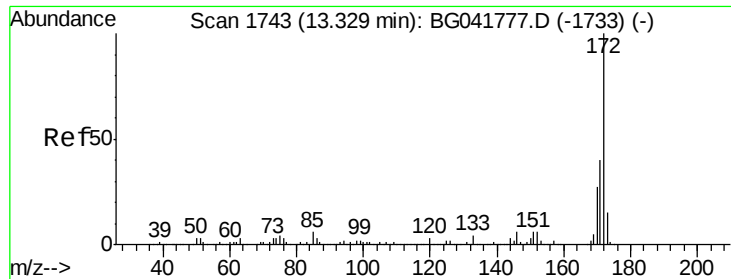
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

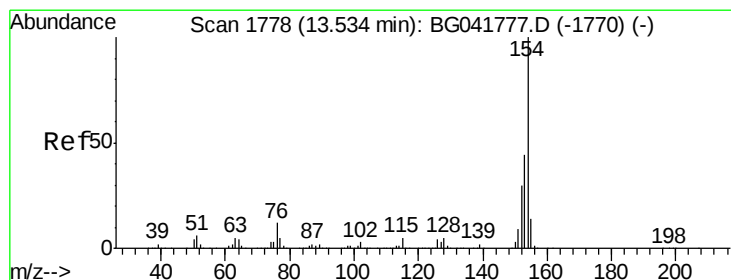
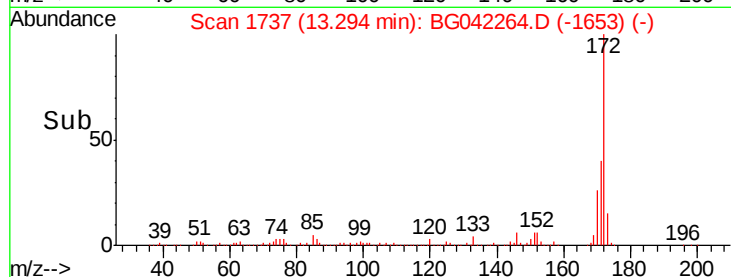
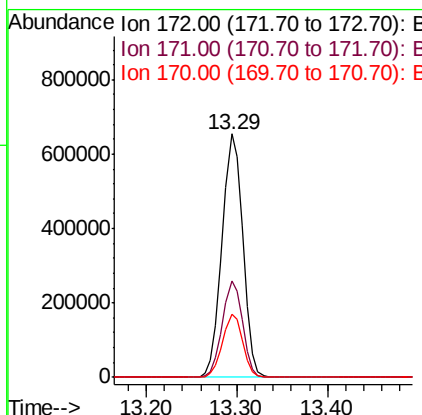
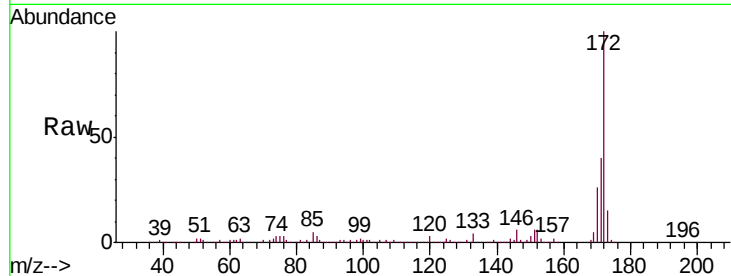




#45
 2-Fluorobiphenyl
 Concen: 106.649 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

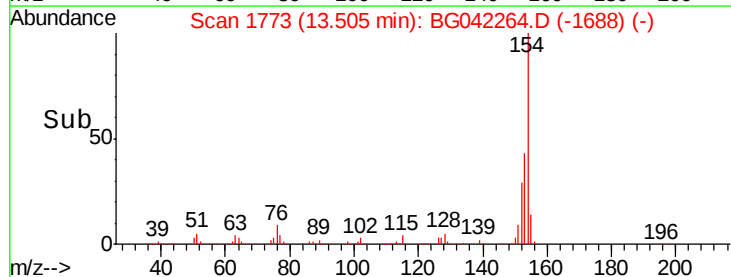
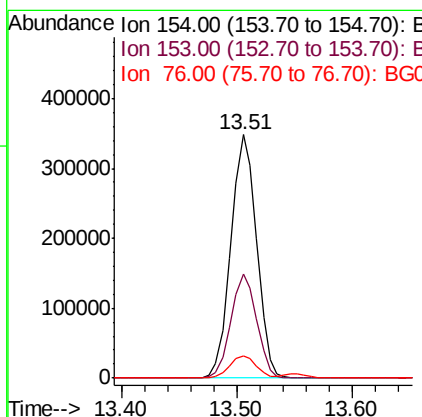
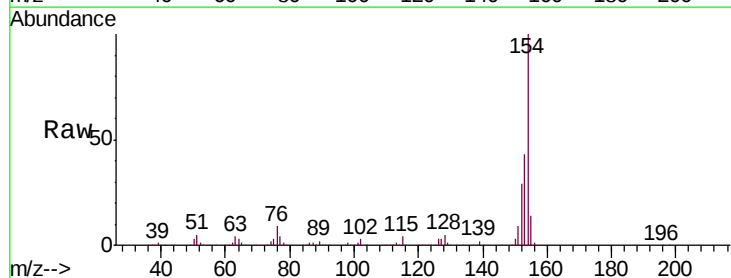
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

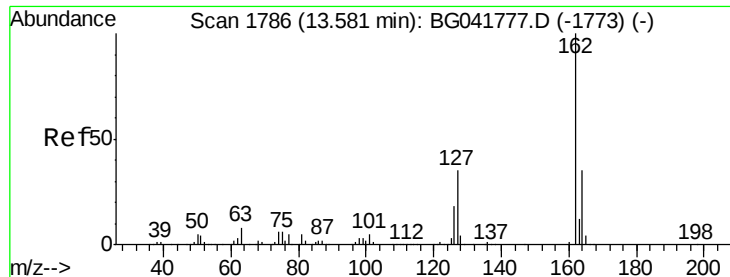
Tgt Ion:172 Resp: 1038853
 Ion Ratio Lower Upper
 172 100
 171 39.6 35.0 52.4
 170 26.0 23.5 35.3



#46
 1,1'-Biphenyl
 Concen: 48.546 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion:154 Resp: 536132
 Ion Ratio Lower Upper
 154 100
 153 42.8 25.0 65.0
 76 9.4 0.0 34.5

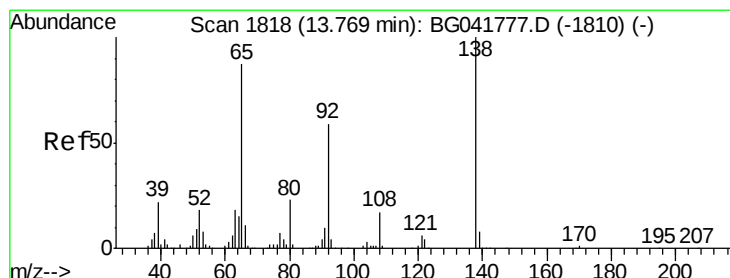
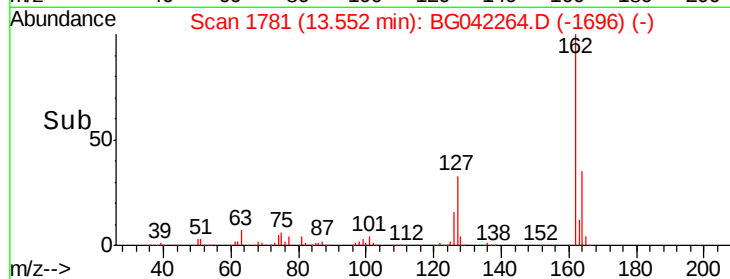
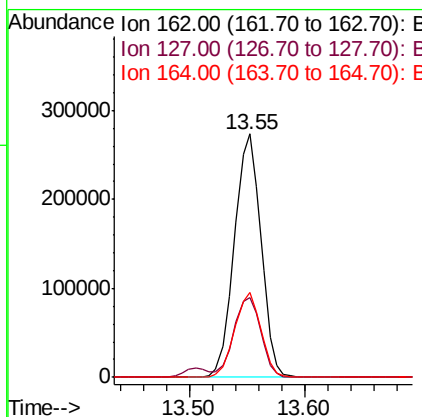
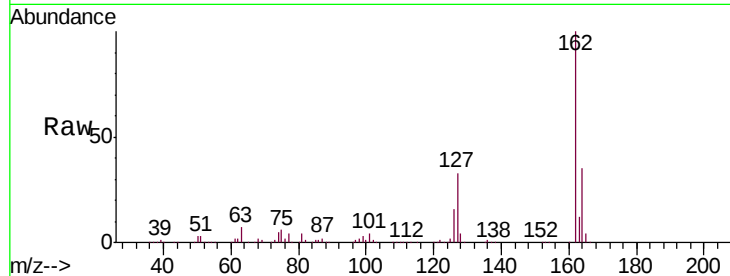




#47
 2-Chloronaphthalene
 Concen: 46.514 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

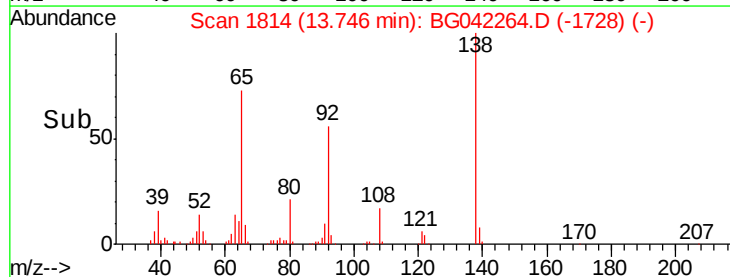
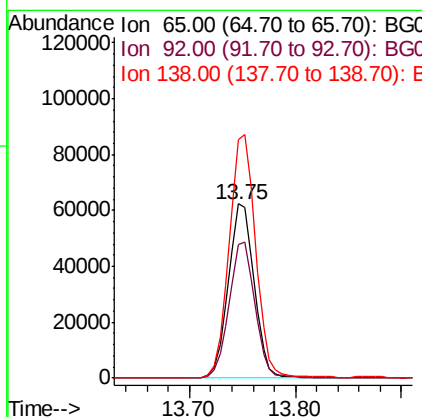
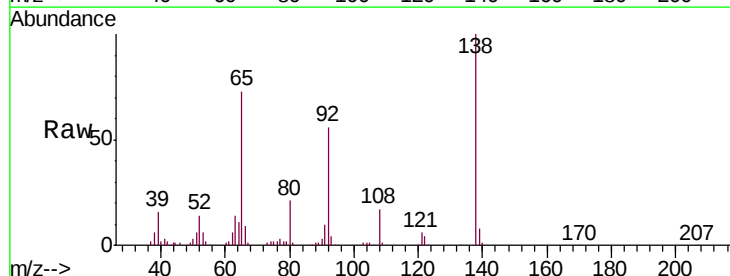
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

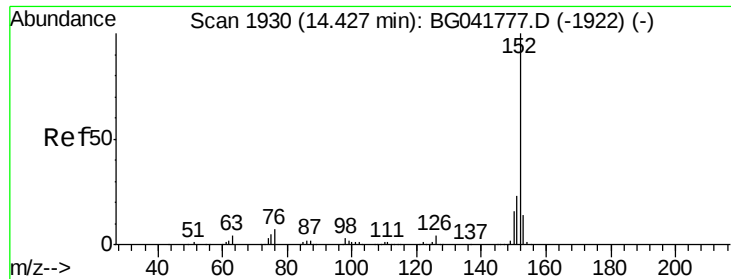
Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.6	30.4	45.6
164	34.8	28.6	42.8



#48
 2-Nitroaniline
 Concen: 44.306 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	53.9	80.9
138	136.9	83.5	125.3#





#49

Acenaphthylene

Concen: 49.724 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

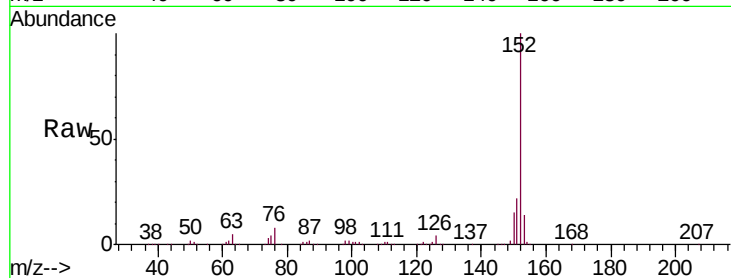
Tgt Ion:152 Resp: 699359

Ion Ratio Lower Upper

152 100

151 21.6 18.7 28.1

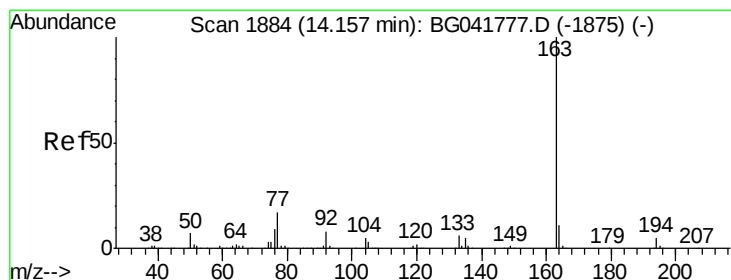
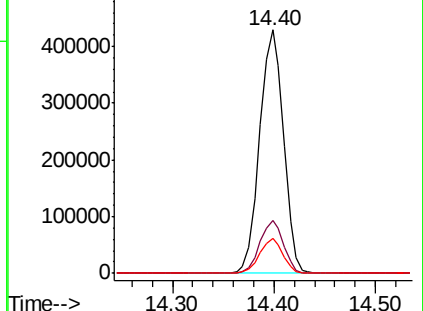
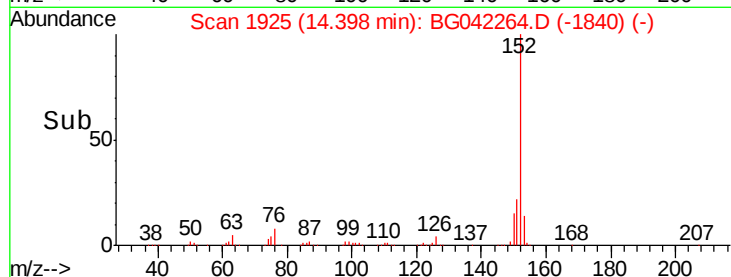
153 14.2 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.733 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

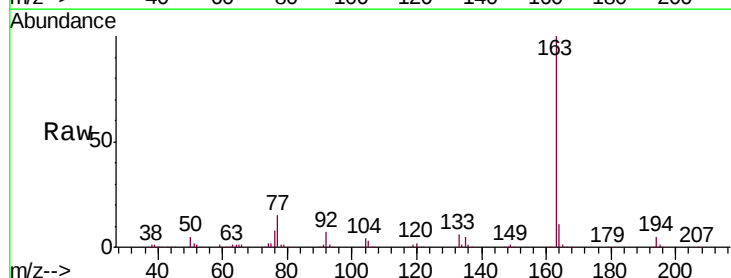
Tgt Ion:163 Resp: 583530

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

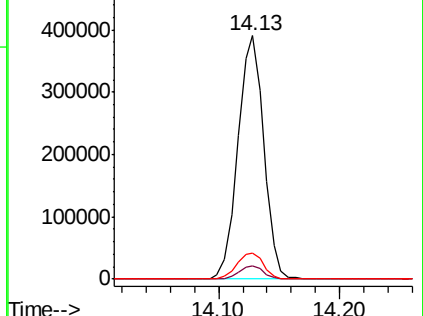
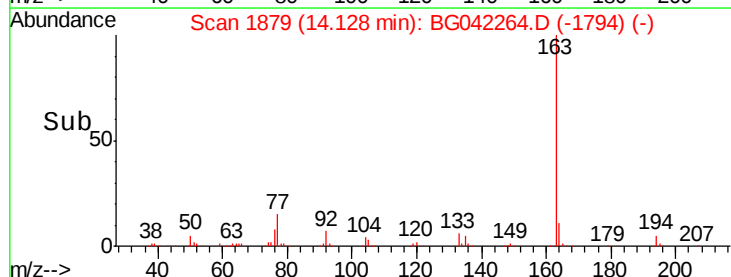
164 10.9 9.4 14.2

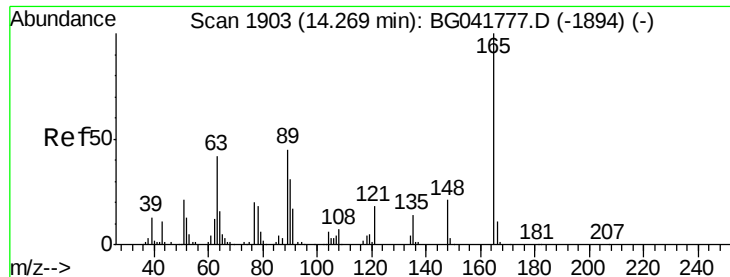


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

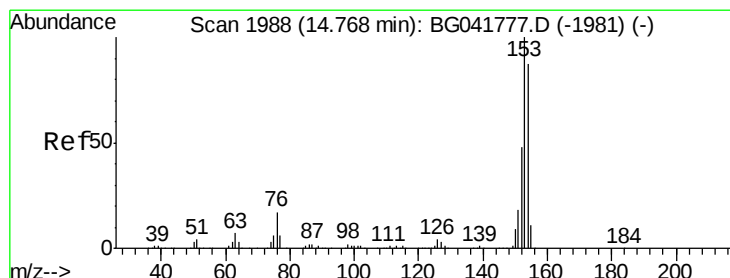
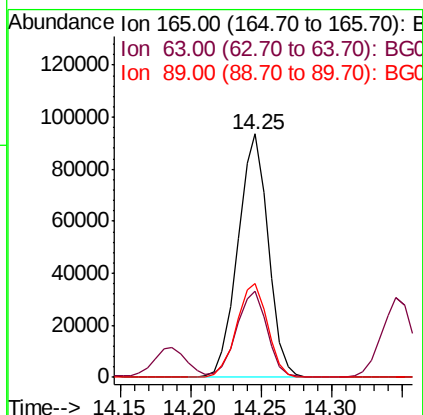
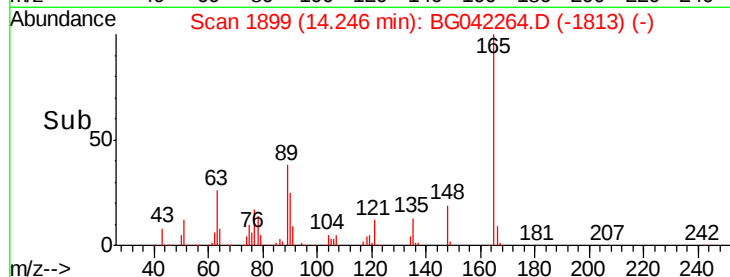
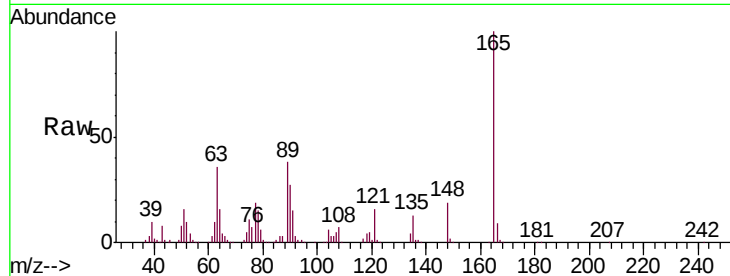




#51
2,6-Dinitrotoluene
Concen: 57.161 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

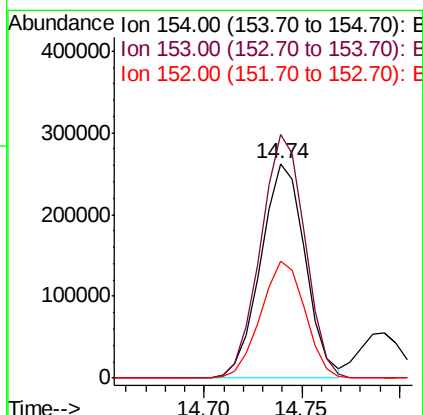
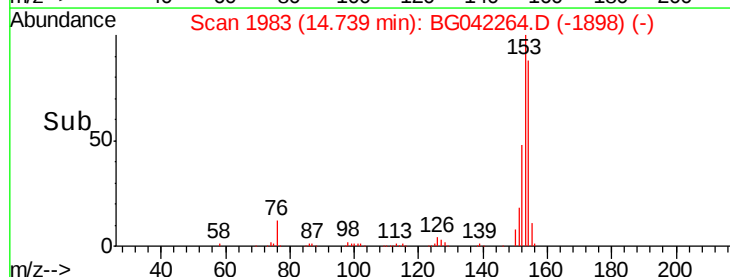
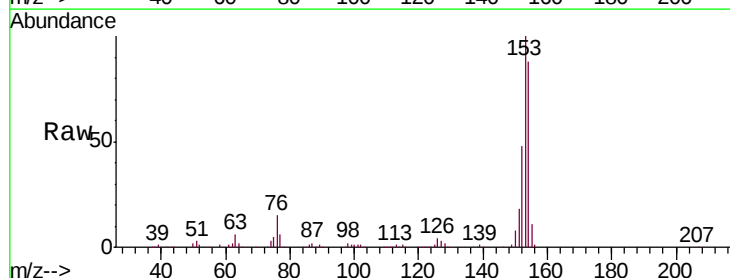
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tgt Ion:165 Resp: 140241
Ion Ratio Lower Upper
165 100
63 35.6 42.4 63.6#
89 38.4 42.1 63.1#



#52
Acenaphthene
Concen: 45.127 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:154 Resp: 412808
Ion Ratio Lower Upper
154 100
153 113.6 89.8 134.6
152 54.3 44.9 67.3

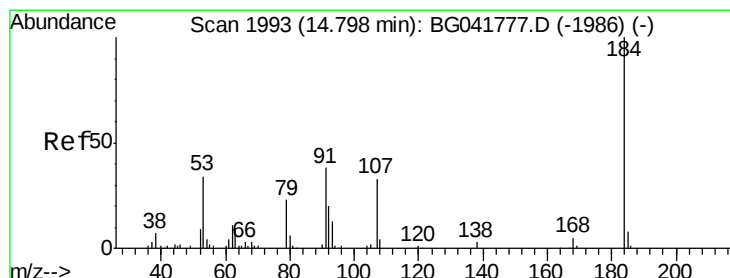
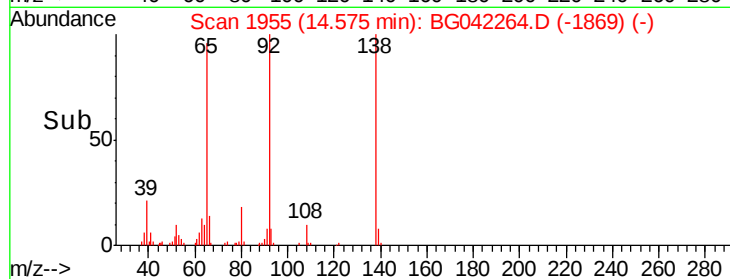
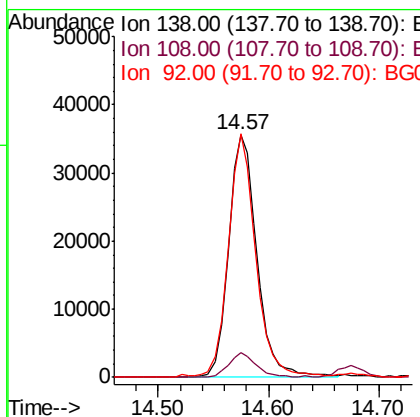
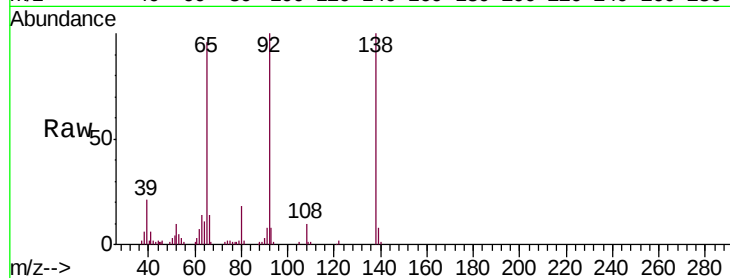




#53
3-Nitroaniline
Concen: 24.295 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

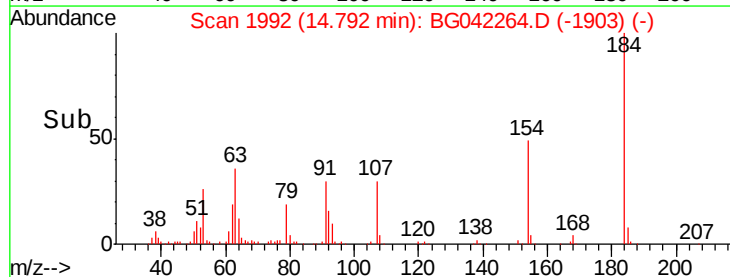
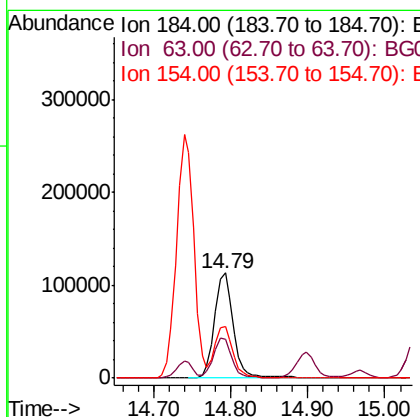
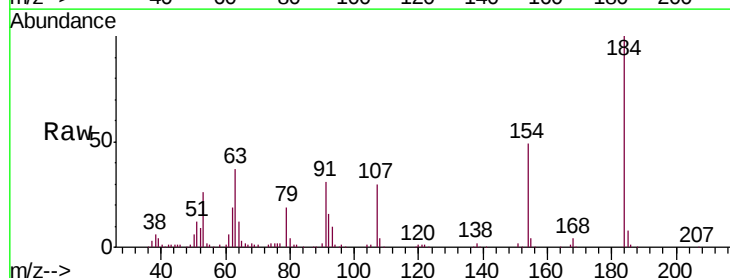
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

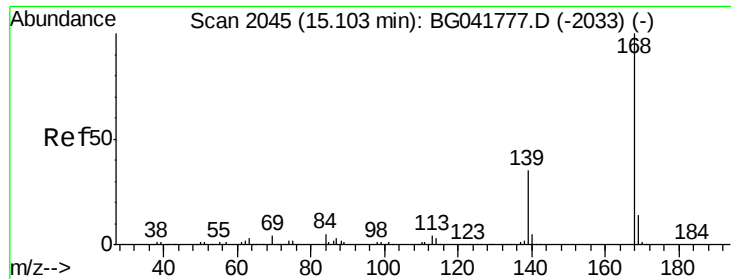
Tgt Ion:138 Resp: 63768
Ion Ratio Lower Upper
138 100
108 10.1 10.3 15.5#
92 100.3 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 112.430 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:184 Resp: 192381
Ion Ratio Lower Upper
184 100
63 36.9 43.2 64.8#
154 49.5 51.4 77.2#

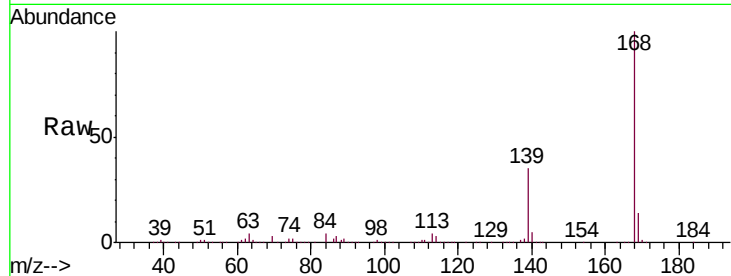




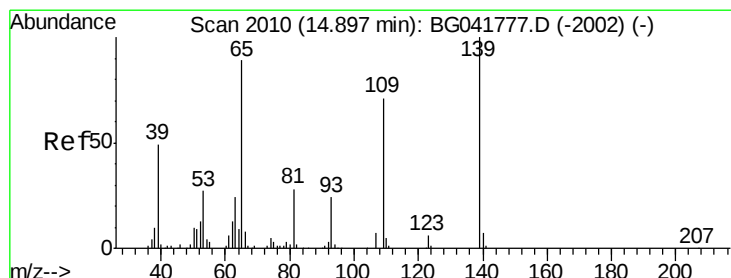
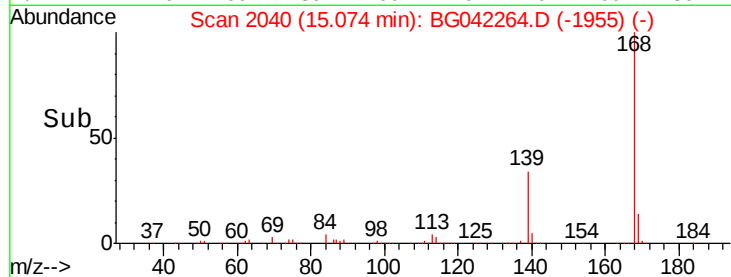
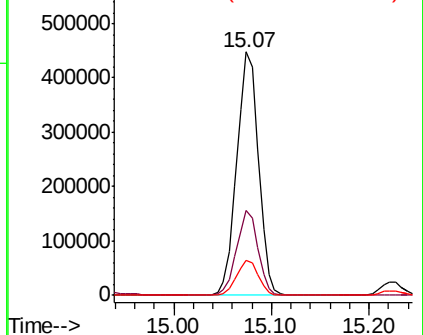
#55
Dibenzenofuran
Concen: 49.678 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	31.9	47.9
169	14.5	12.5	18.7

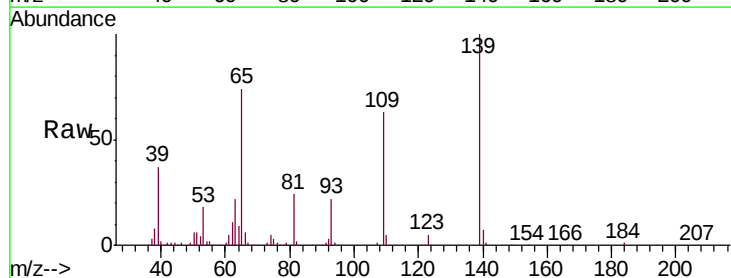


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

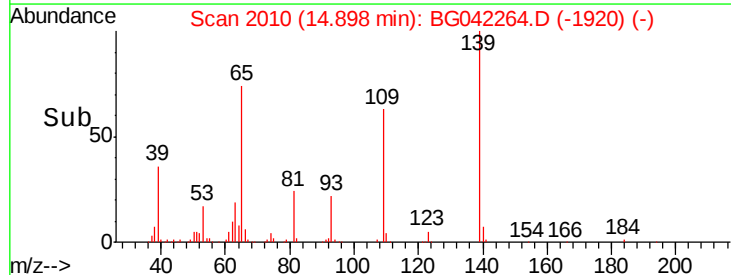
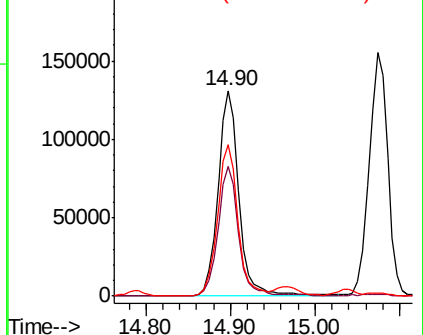


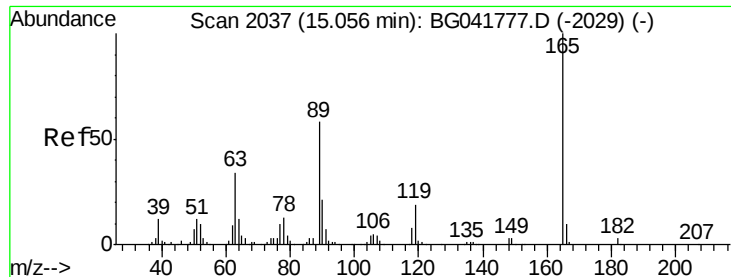
#56
4-Nitrophenol
Concen: 113.308 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.8	51.3	91.3
65	73.9	77.6	117.6



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

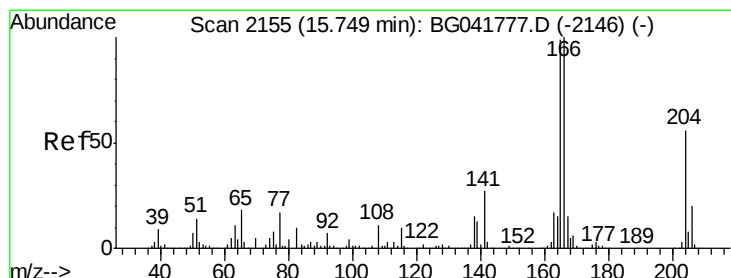
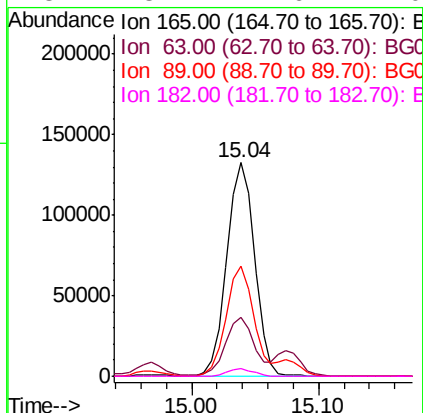
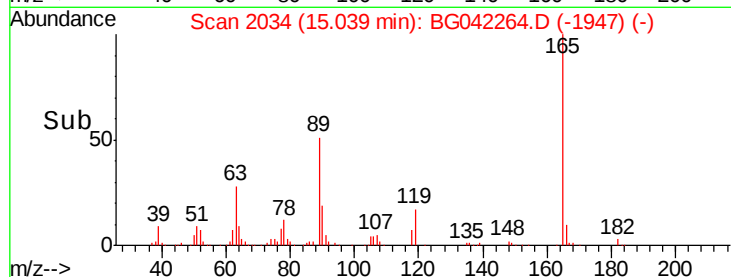
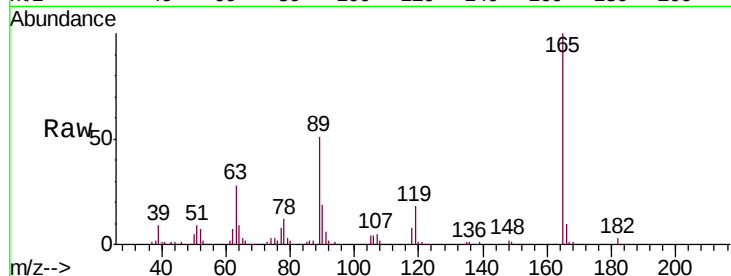




#57
 2,4-Dinitrotoluene
 Concen: 59.552 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

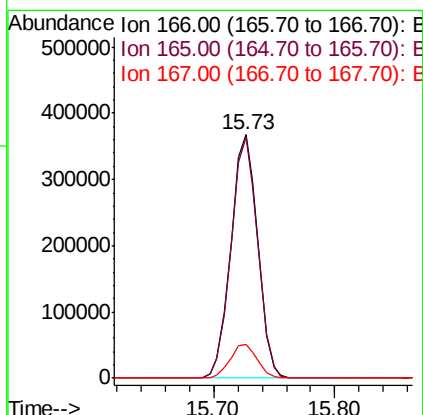
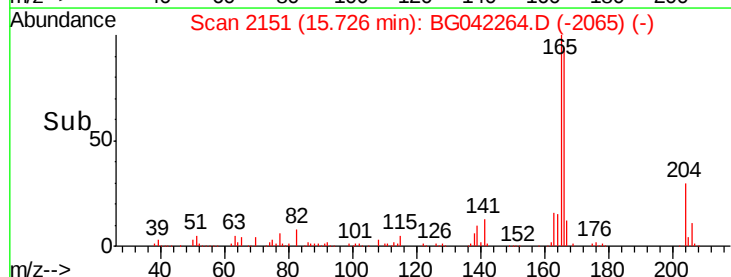
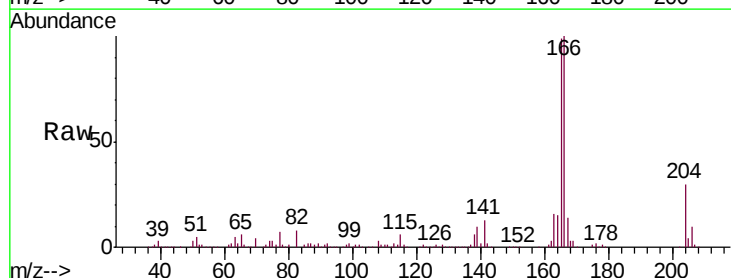
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

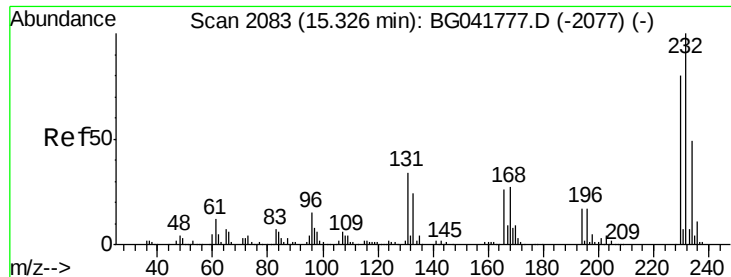
Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.5	31.7	47.5#
89	51.3	50.2	75.4
182	3.4	2.6	4.0



#58
 Fluorene
 Concen: 50.536 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.5	120.7
167	14.0	12.4	18.6

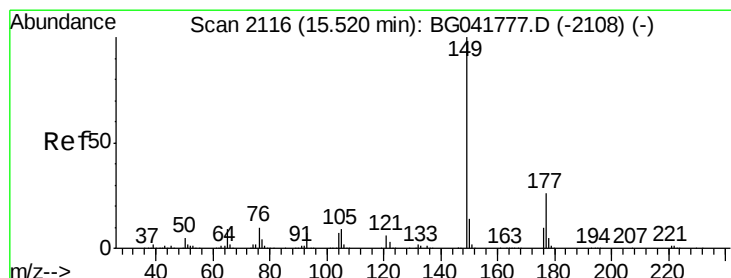
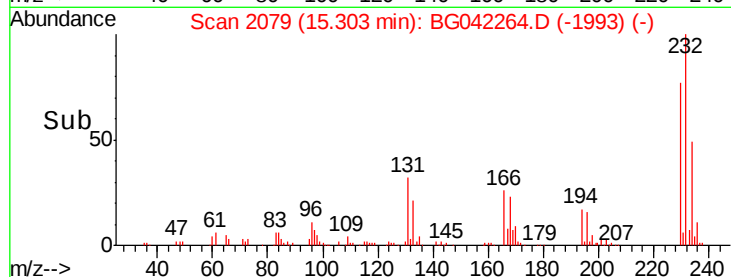
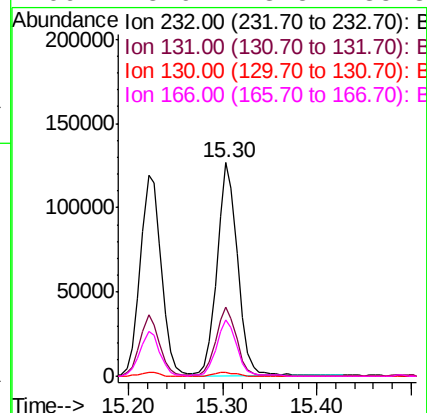
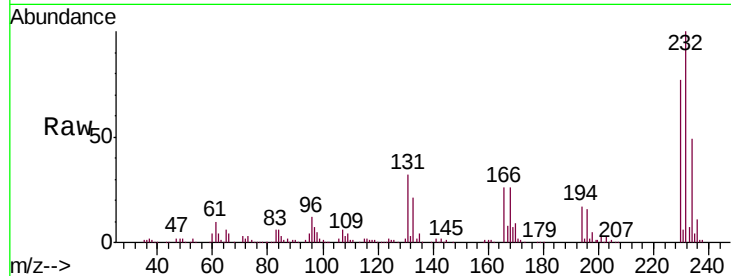




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.897 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

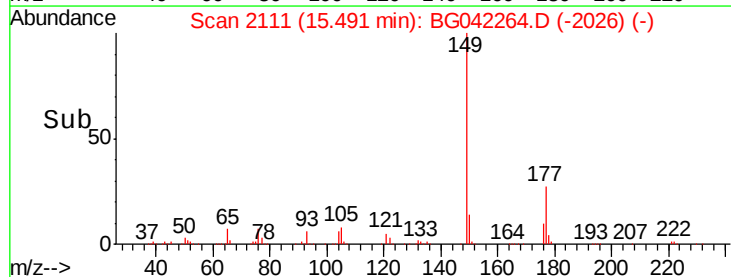
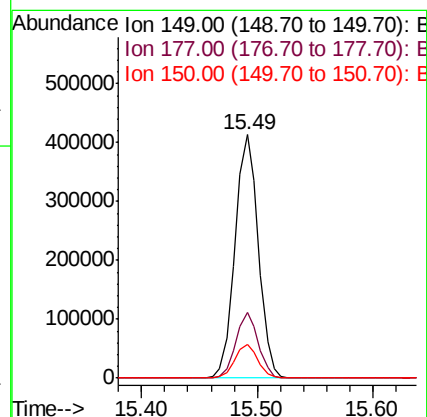
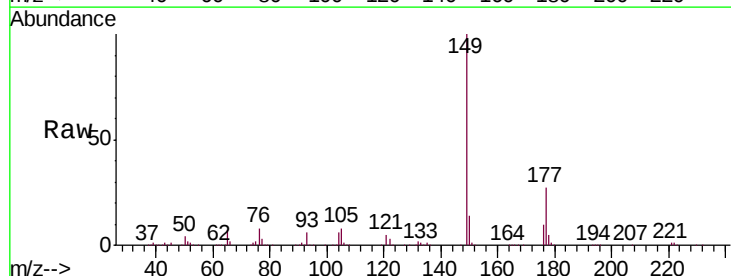
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

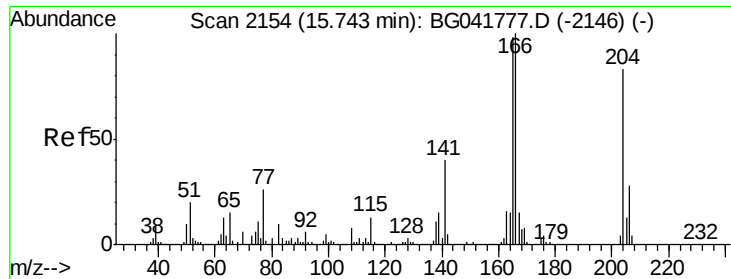
Tgt Ion:	232	Resp:	194207
Ion	Ratio	Lower	Upper
232	100		
131	31.8	31.8	47.6#
130	1.8	1.8	2.8#
166	25.9	23.5	35.3



#60
 Diethylphthalate
 Concen: 50.006 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion:	149	Resp:	576037
Ion	Ratio	Lower	Upper
149	100		
177	26.8	20.7	31.1
150	13.8	11.5	17.3

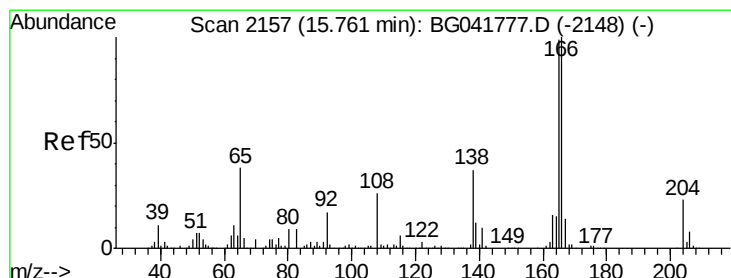
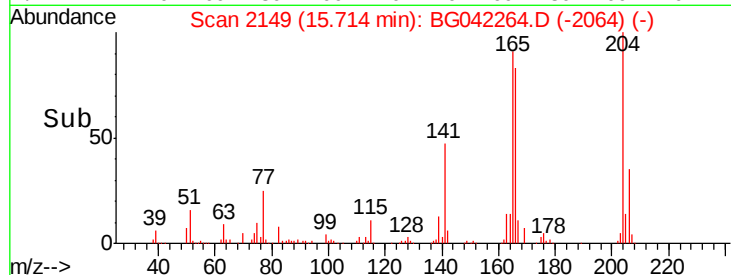
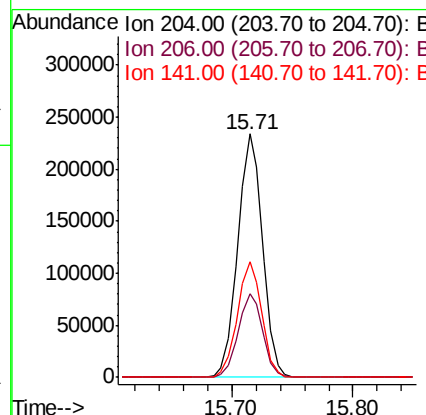
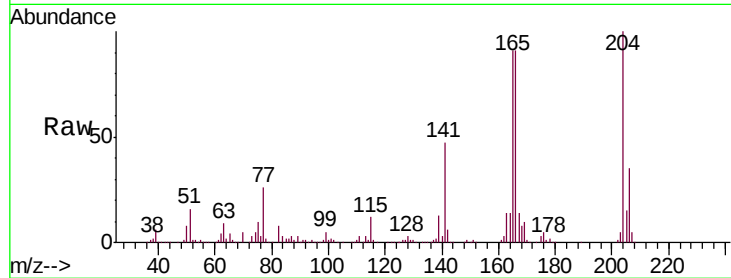




#61
 4-Chlorophenyl-phenylether
 Concen: 48.657 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

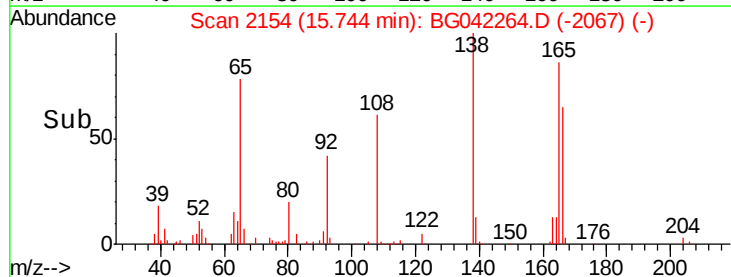
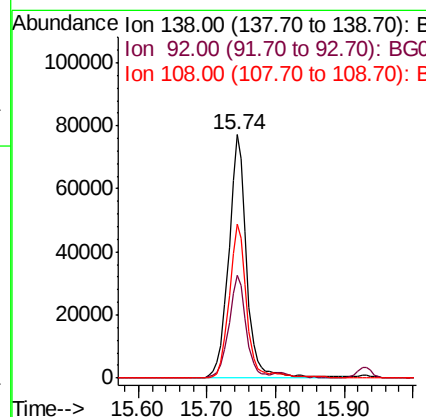
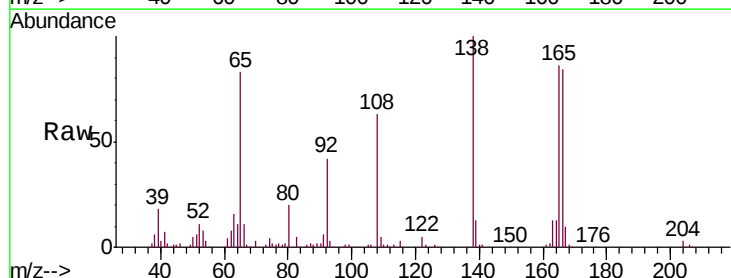
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

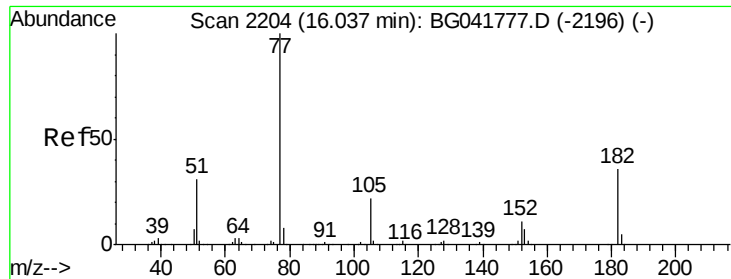
Tgt Ion: 204 Resp: 333543
 Ion Ratio Lower Upper
 204 100
 206 34.5 28.6 42.8
 141 47.3 42.9 64.3



#62
 4-Nitroaniline
 Concen: 49.682 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion: 138 Resp: 141244
 Ion Ratio Lower Upper
 138 100
 92 42.3 29.8 69.8
 108 63.2 52.2 92.2

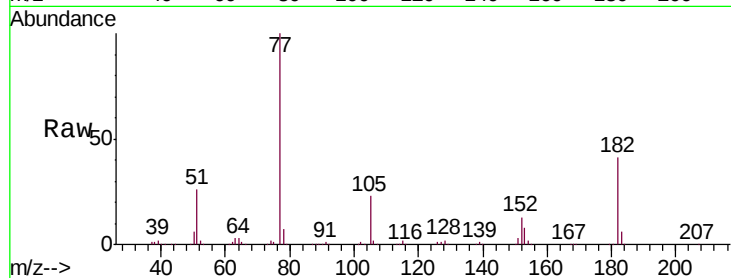




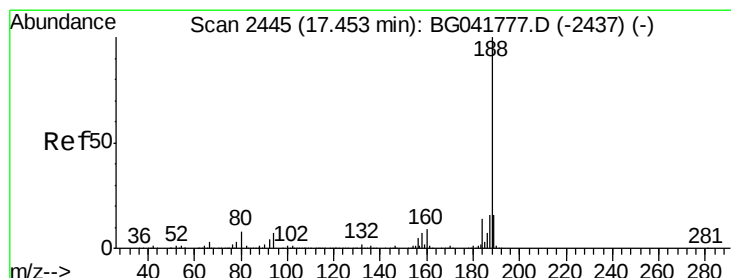
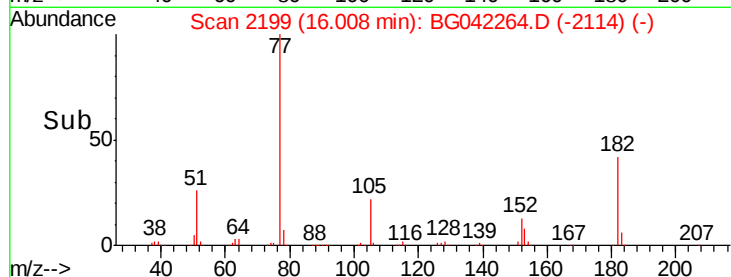
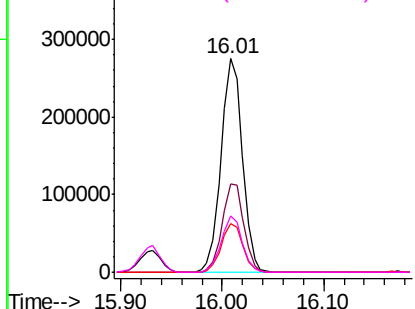
#63
Azobenzene
Concen: 42.847 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tgt Ion: 77 Resp: 403192
Ion Ratio Lower Upper
77 100
182 41.4 13.2 53.2
105 22.9 2.2 42.2
51 26.3 14.6 54.6

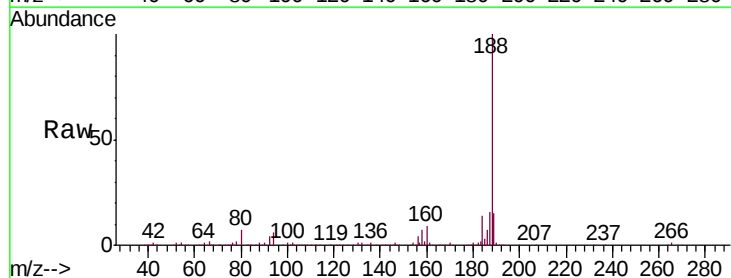


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

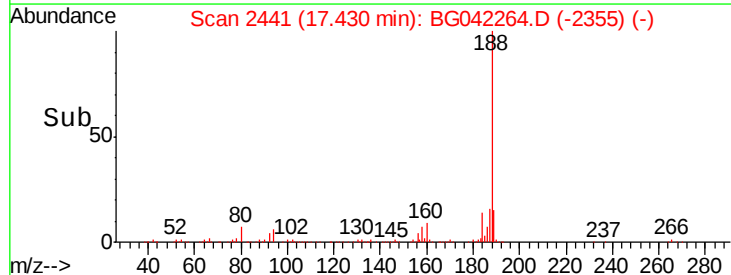
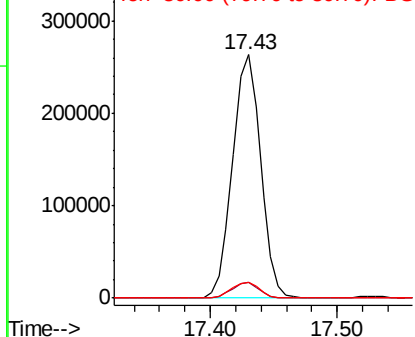


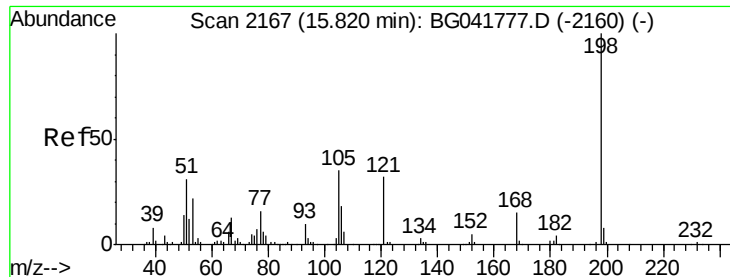
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion: 188 Resp: 403789
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 6.7 8.0 12.0#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 64.857 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

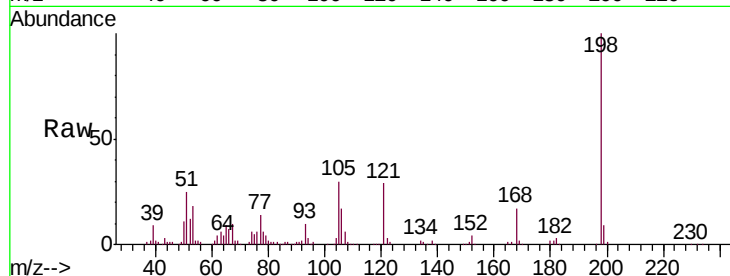
Tgt Ion:198 Resp: 133724

Ion Ratio Lower Upper

198 100

51 25.0 22.3 62.3

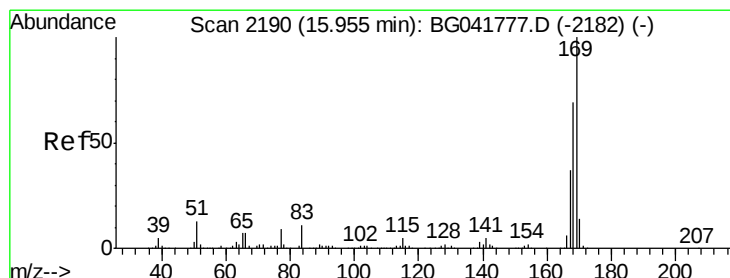
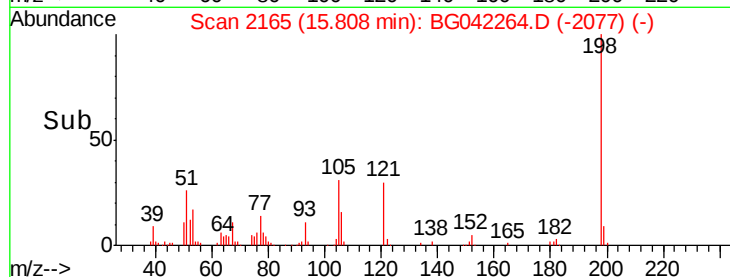
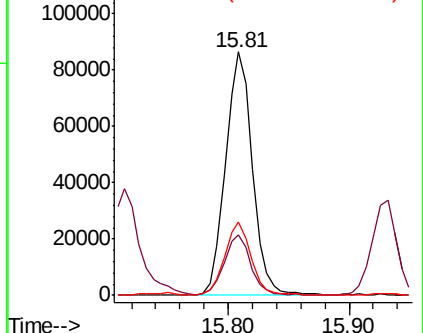
105 30.2 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.392 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

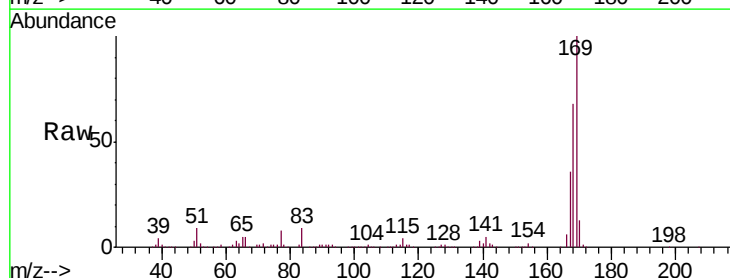
Tgt Ion:169 Resp: 543265

Ion Ratio Lower Upper

169 100

168 67.9 56.9 85.3

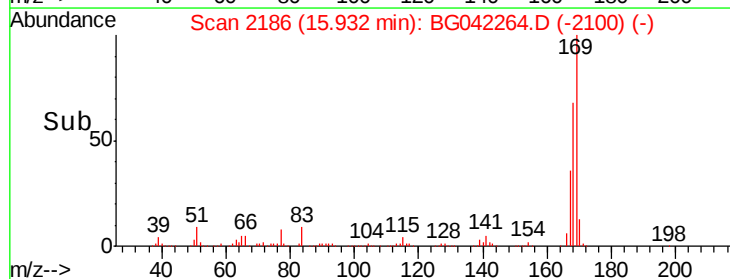
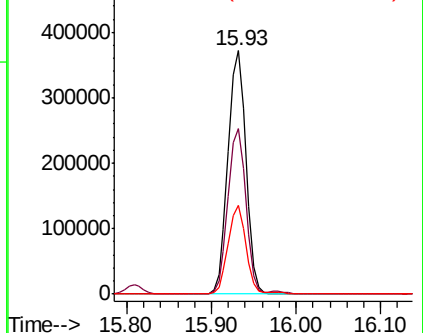
167 36.4 31.5 47.3

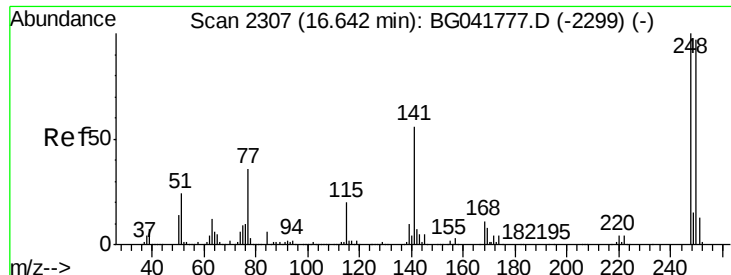


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 47.008 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

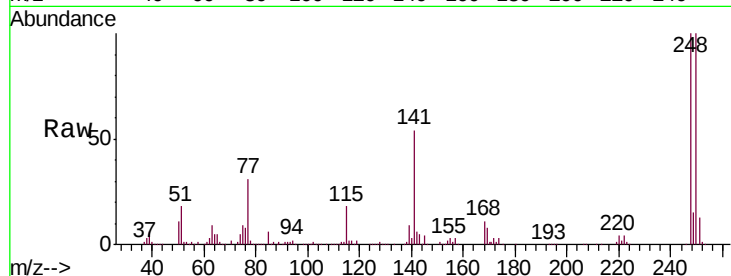
Tgt Ion:248 Resp: 233815

Ion Ratio Lower Upper

248 100

250 100.1 78.1 117.1

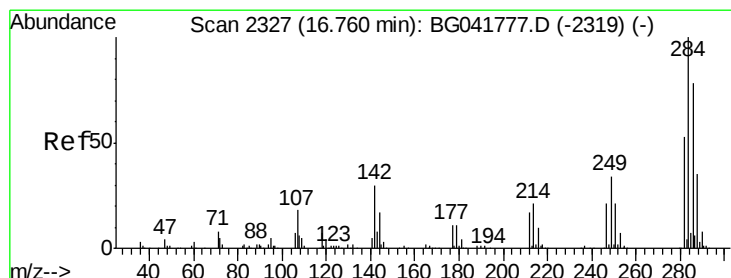
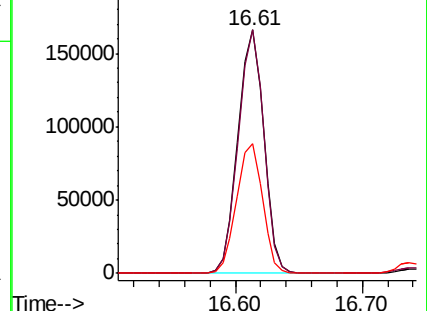
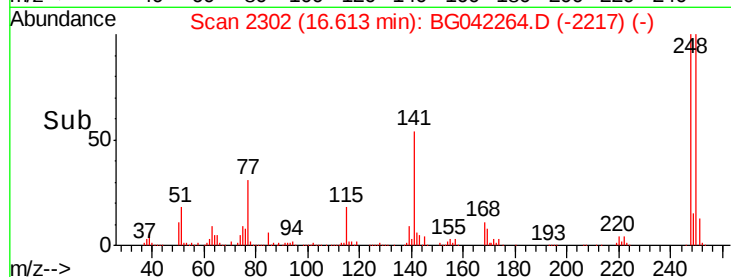
141 53.6 49.6 74.4



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



#68

Hexachlorobenzene

Concen: 47.602 ng

RT: 16.74 min Scan# 2324

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

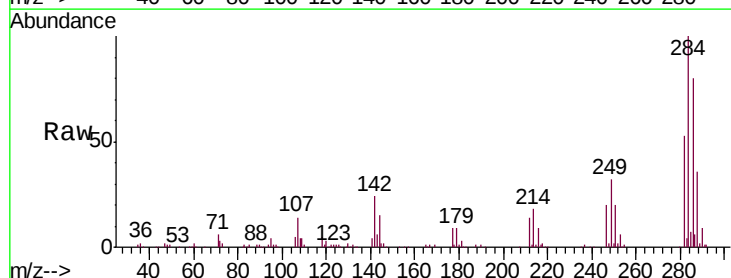
Tgt Ion:284 Resp: 247702

Ion Ratio Lower Upper

284 100

142 24.1 27.0 40.6#

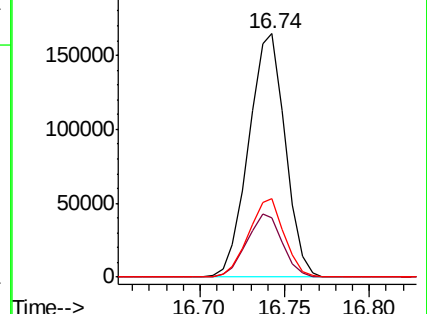
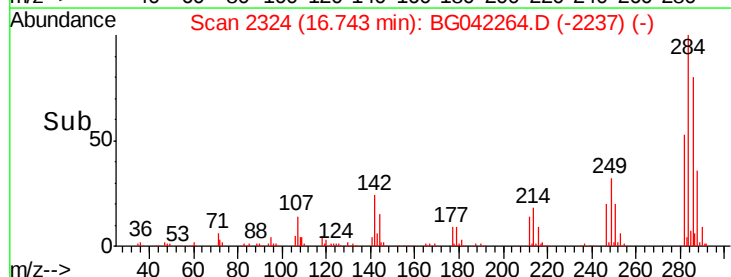
249 32.4 28.4 42.6

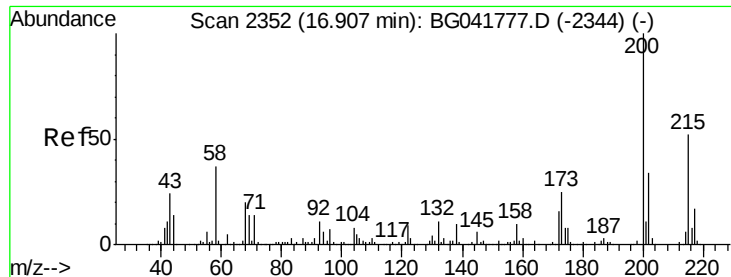


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

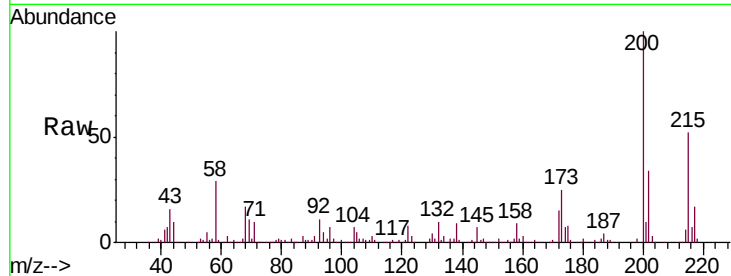




#69
 Atrazine
 Concen: 47.715 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	5.3	45.3
215	52.2	31.8	71.8

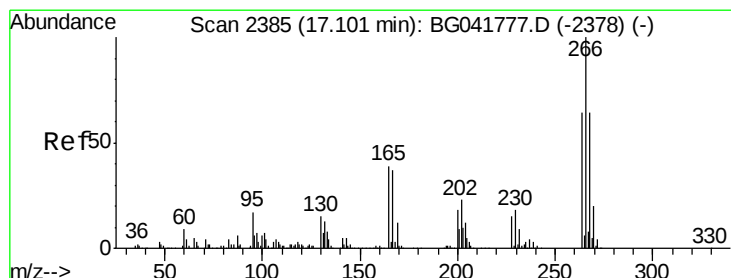
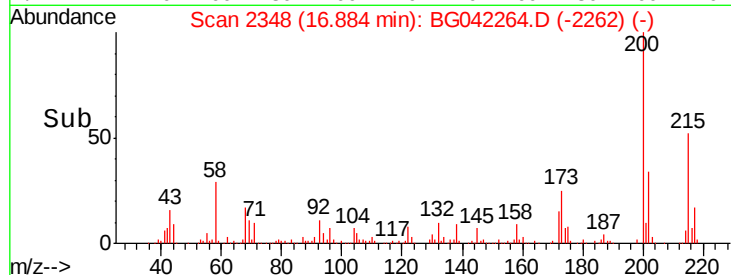
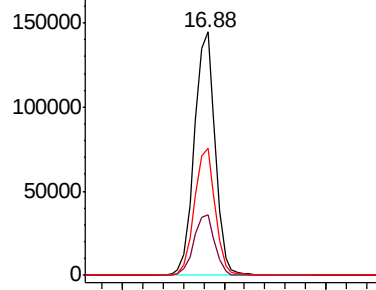


Abundance

Ion 200.00 (199.70 to 200.70): E

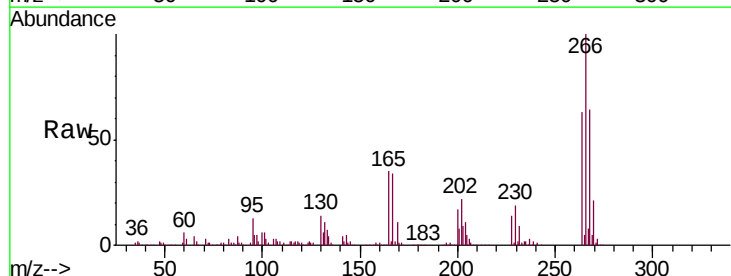
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 109.886 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.9	79.3
264	63.4	51.4	77.2

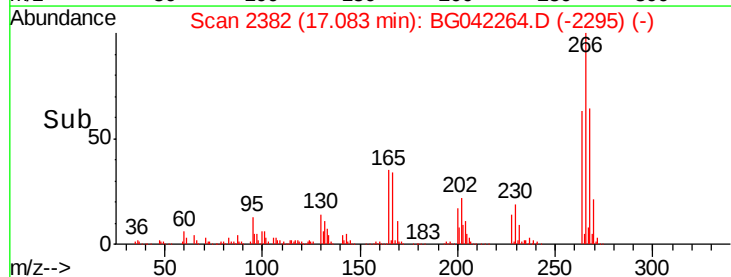
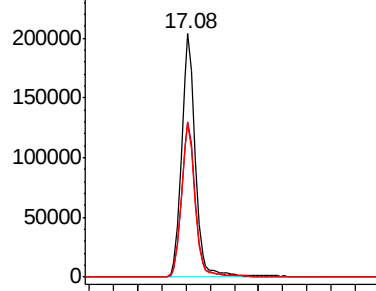


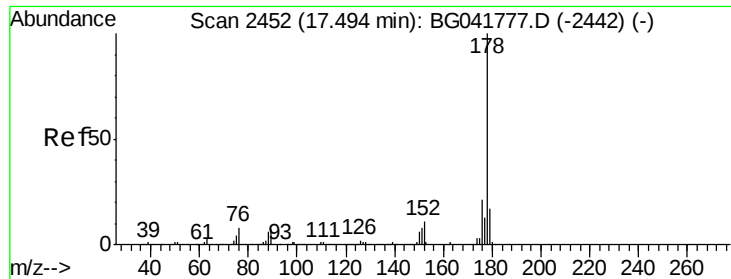
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

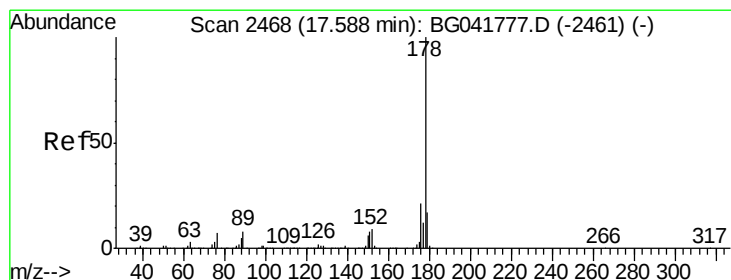
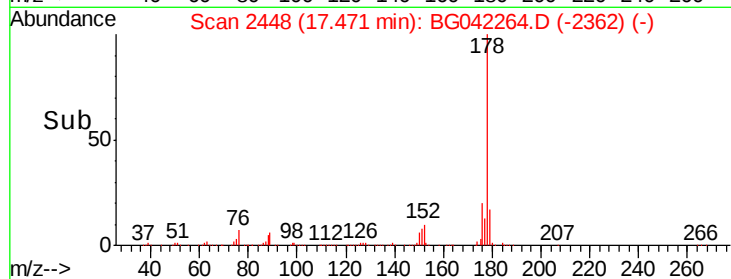
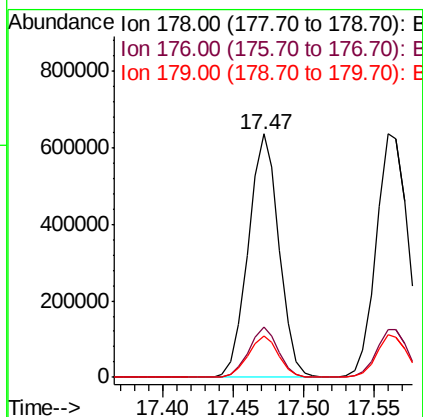
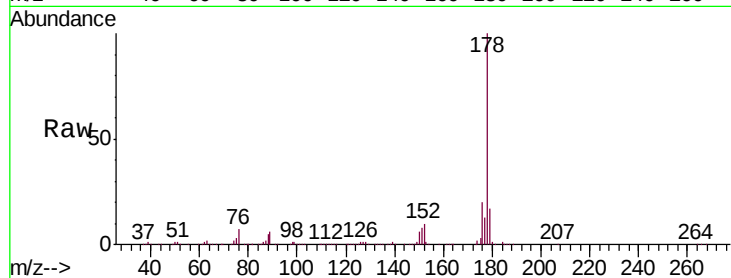




#71
Phenanthrene
Concen: 50.220 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

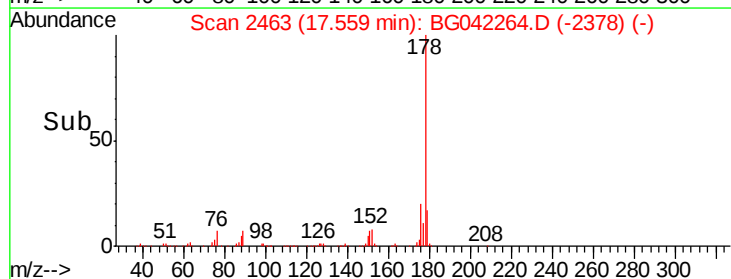
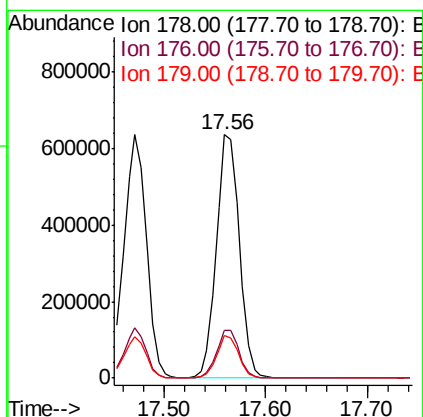
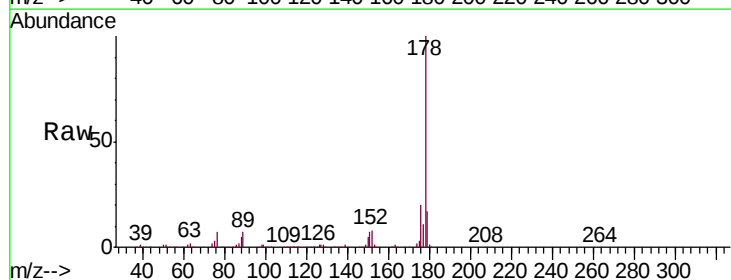
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

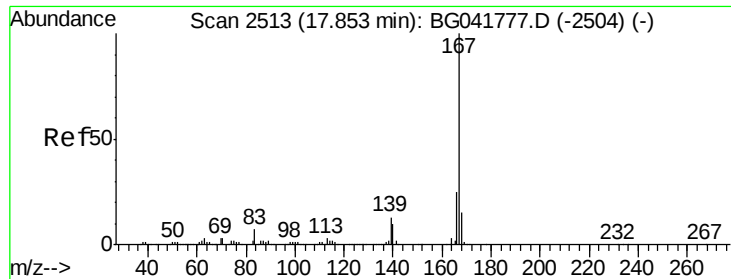
Tgt Ion:178 Resp: 971996
Ion Ratio Lower Upper
178 100
176 20.4 18.6 28.0
179 17.2 15.4 23.0



#72
Anthracene
Concen: 51.720 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:178 Resp: 998355
Ion Ratio Lower Upper
178 100
176 19.8 18.6 28.0
179 17.4 15.1 22.7

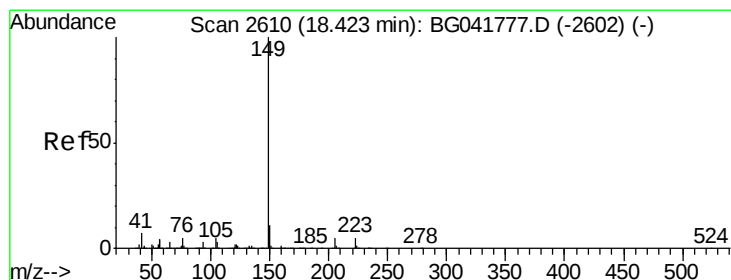
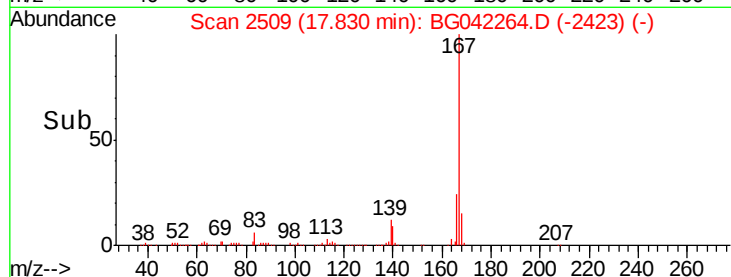
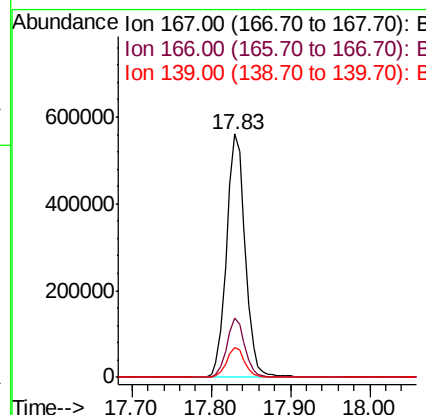
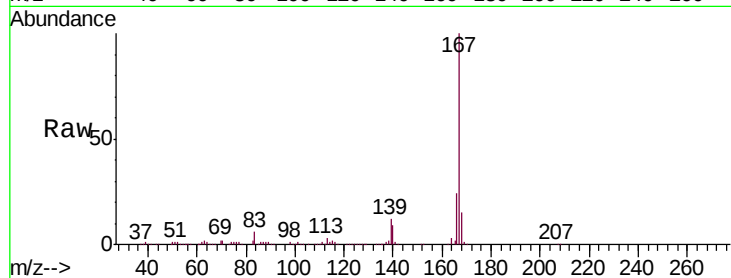




#73
 Carbazole
 Concen: 52.790 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.02 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

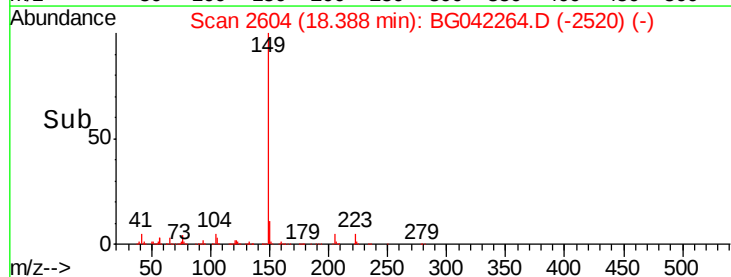
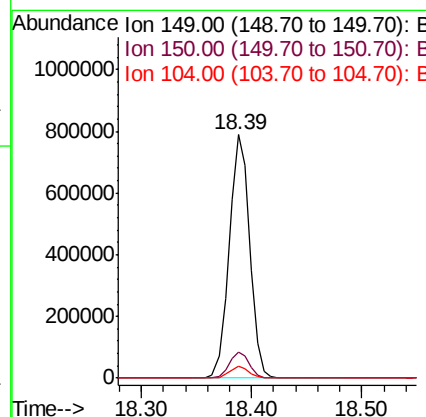
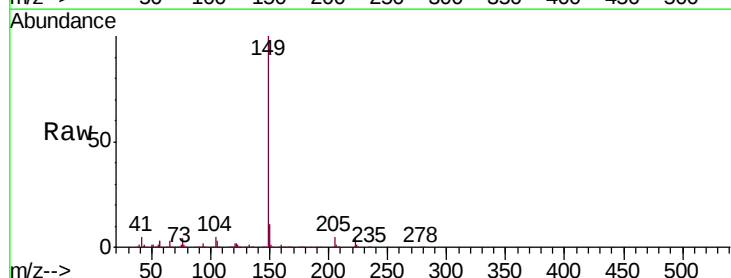
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

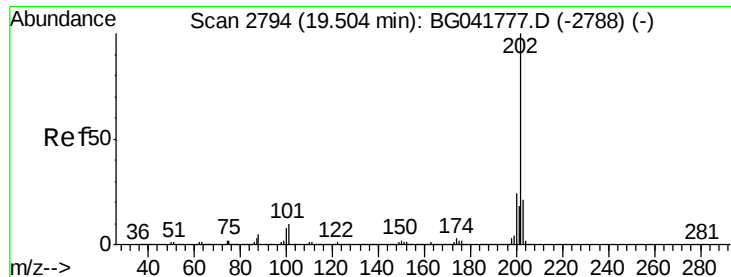
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	21.4	32.2
139	12.5	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 52.151 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	10.2	15.2
104	4.7	5.3	7.9#





#75

Fluoranthene

Concen: 53.727 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

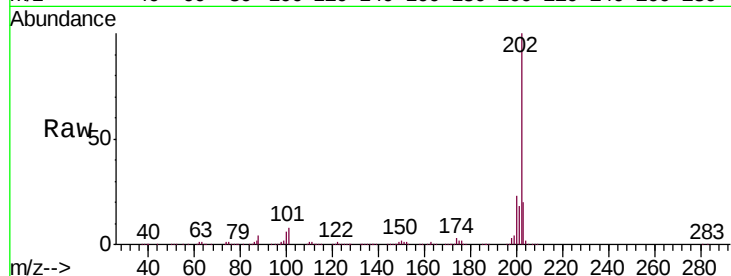
Tgt Ion:202 Resp: 1263978

Ion Ratio Lower Upper

202 100

101 8.2 0.0 32.8

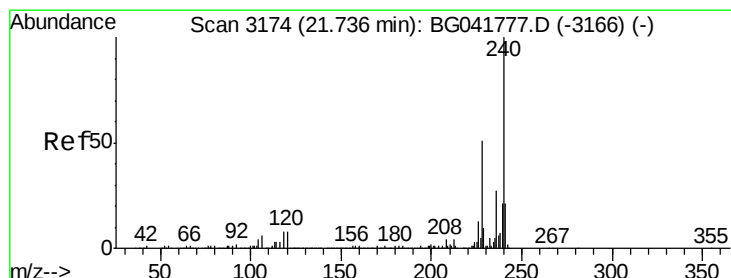
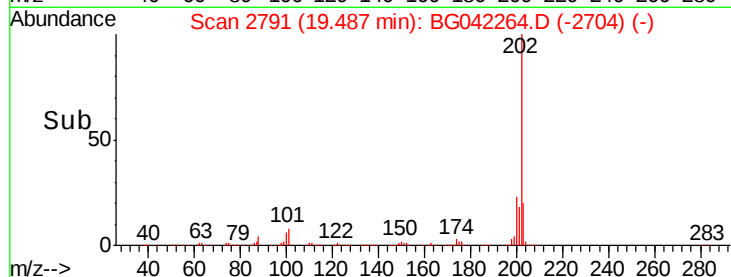
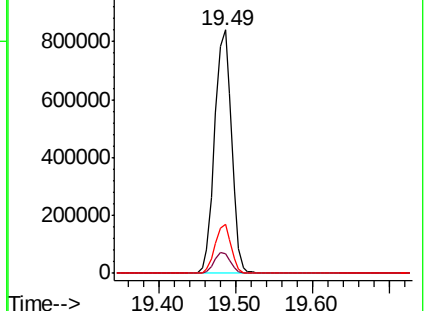
203 20.2 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

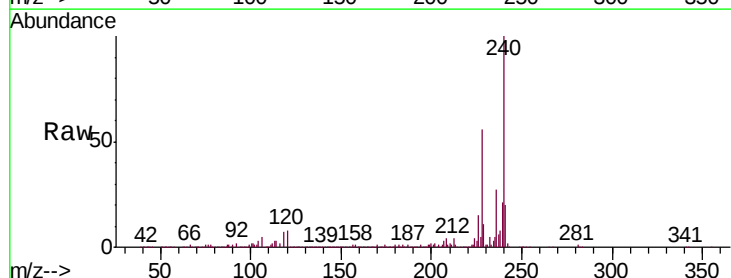
Tgt Ion:240 Resp: 438535

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

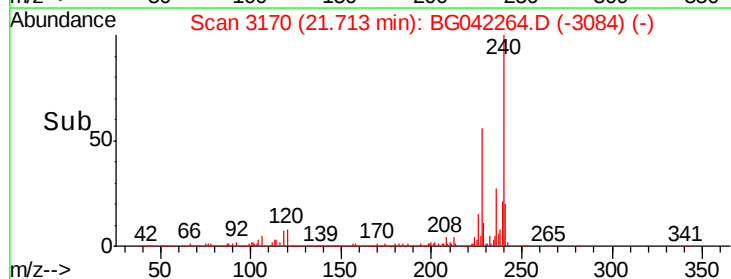
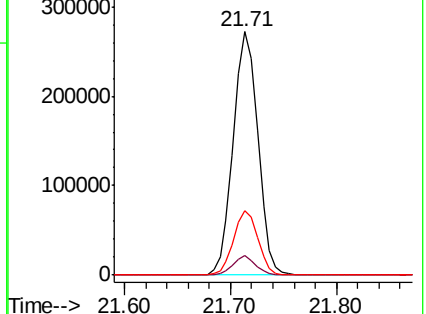
236 26.5 22.6 33.8

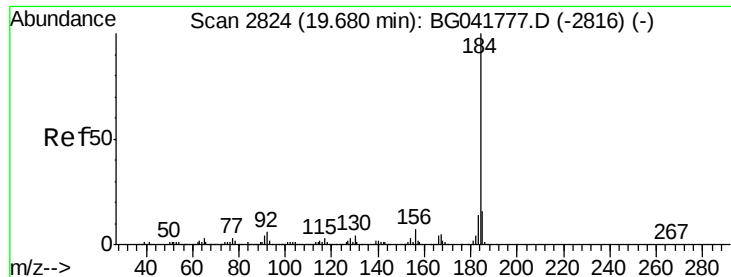


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.626 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

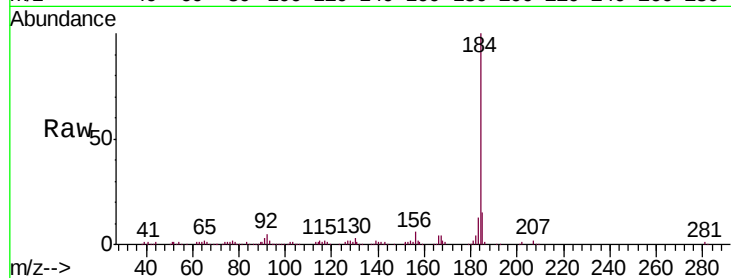
Tgt Ion:184 Resp: 166407

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.4

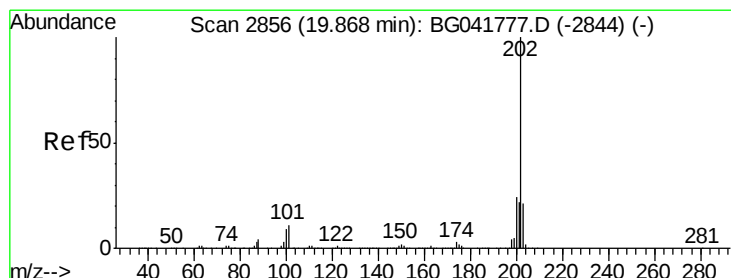
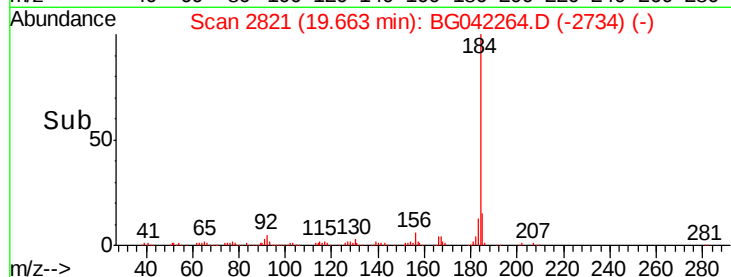
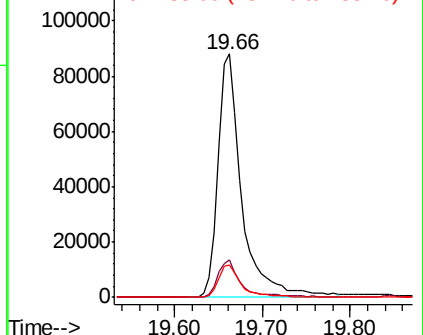
183 13.4 11.8 17.6



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



#78

Pyrene

Concen: 48.982 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

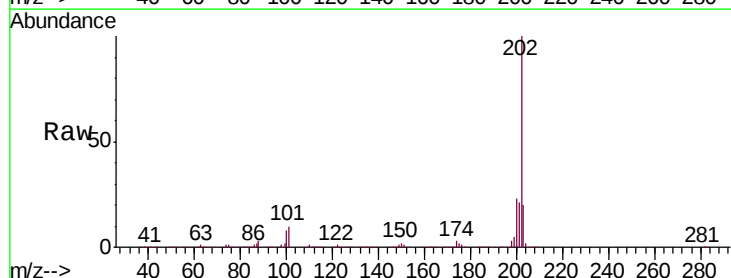
Tgt Ion:202 Resp: 1272673

Ion Ratio Lower Upper

202 100

200 23.1 22.2 33.2

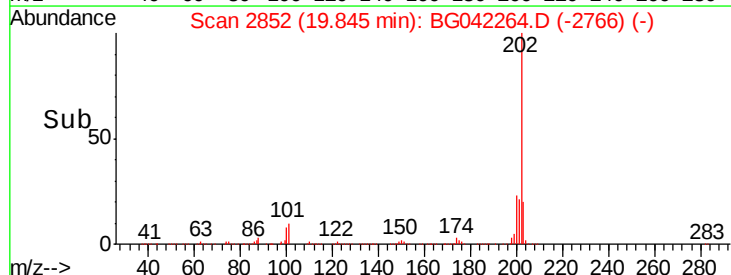
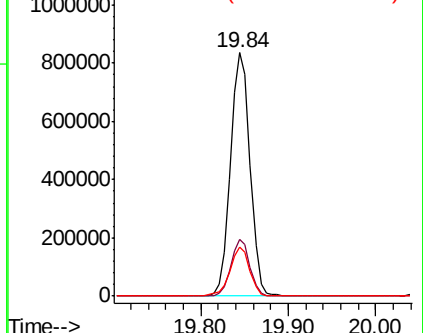
203 20.1 18.9 28.3

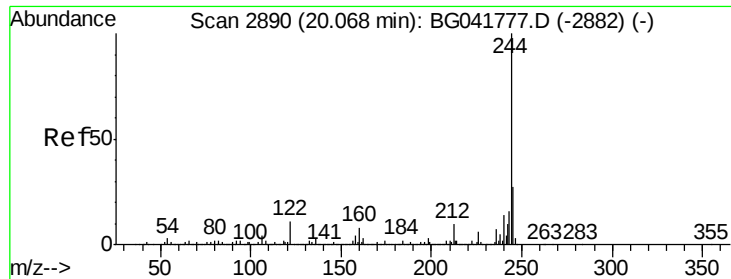


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.228 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

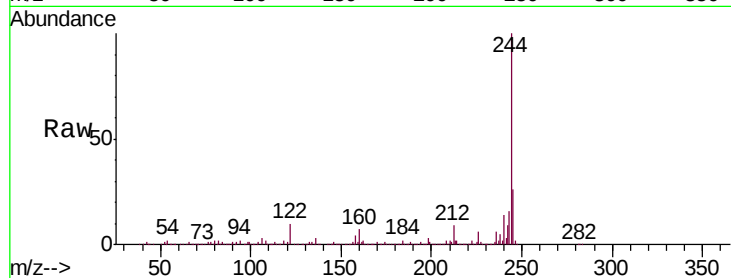
Tgt Ion:244 Resp: 1882503

Ion Ratio Lower Upper

244 100

212 8.9 9.7 14.5#

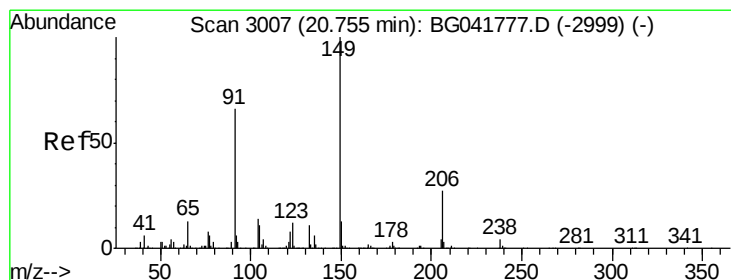
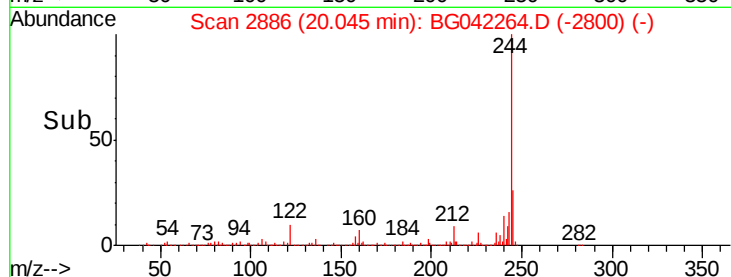
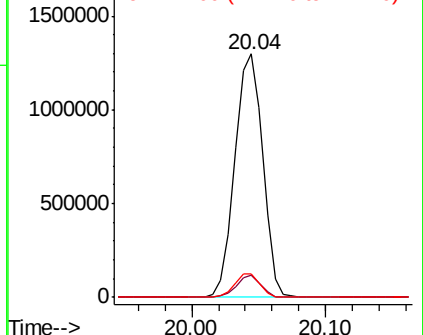
122 9.6 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.976 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

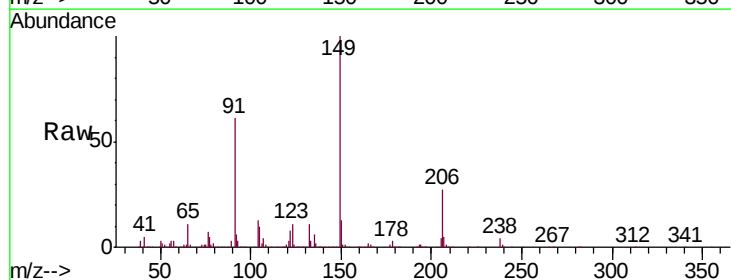
Tgt Ion:149 Resp: 507812

Ion Ratio Lower Upper

149 100

91 61.0 58.9 88.3

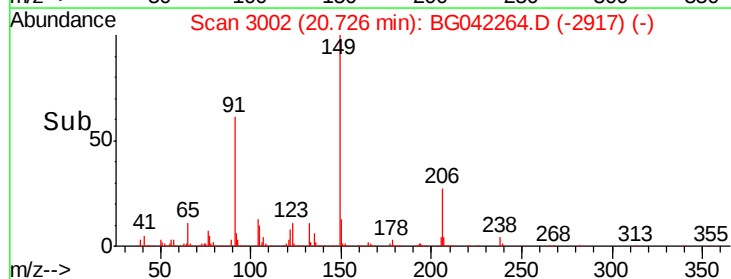
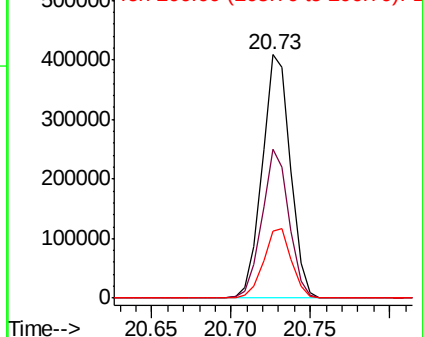
206 27.4 20.8 31.2

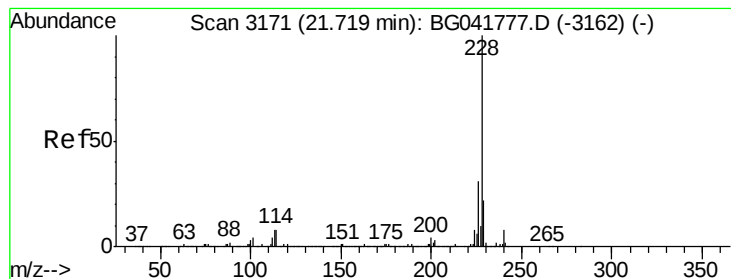


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.778 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

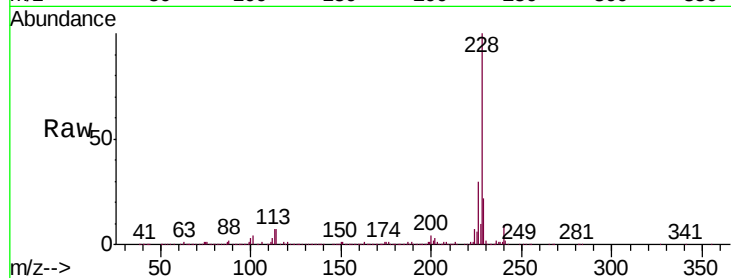
Tgt Ion:228 Resp: 1265581

Ion Ratio Lower Upper

228 100

226 30.2 27.3 40.9

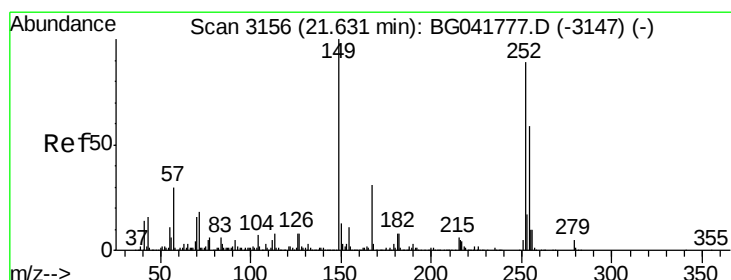
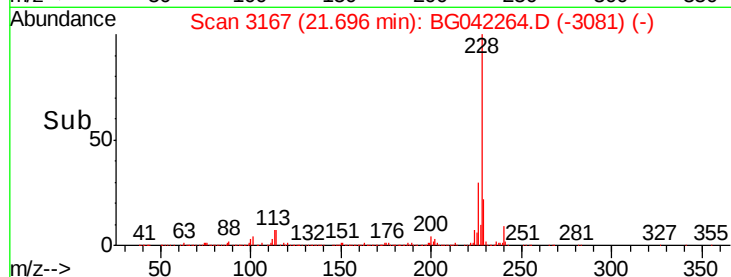
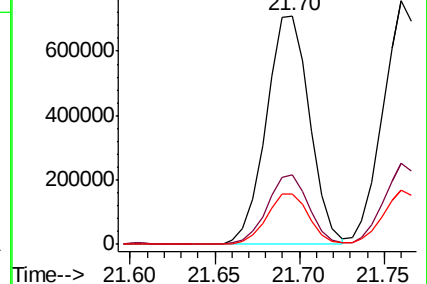
229 22.3 19.7 29.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.810 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

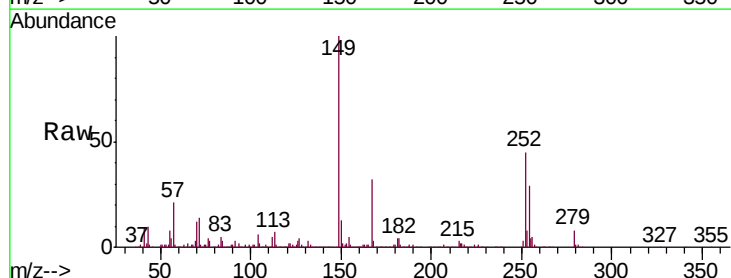
Tgt Ion:252 Resp: 362615

Ion Ratio Lower Upper

252 100

254 64.3 53.8 80.6

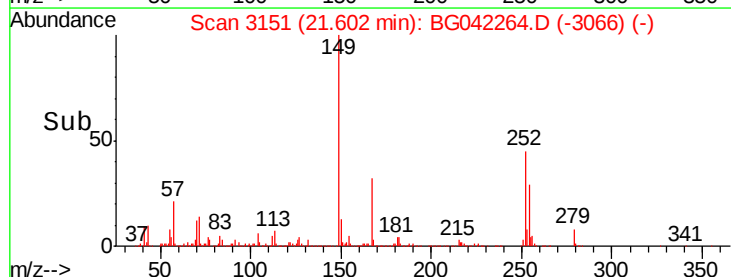
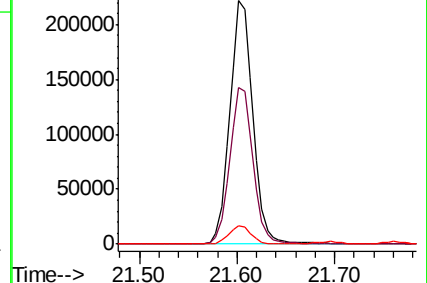
126 7.5 7.8 11.8#

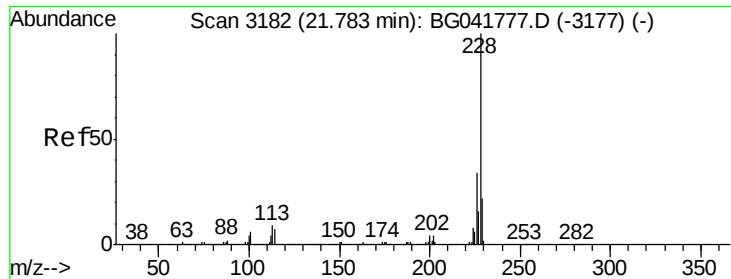


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.413 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

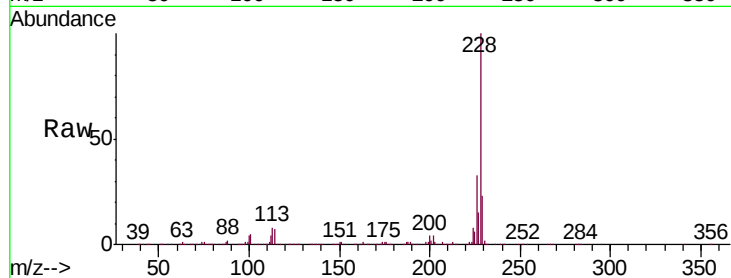
Tgt Ion:228 Resp: 1253808

Ion Ratio Lower Upper

228 100

226 33.4 30.1 45.1

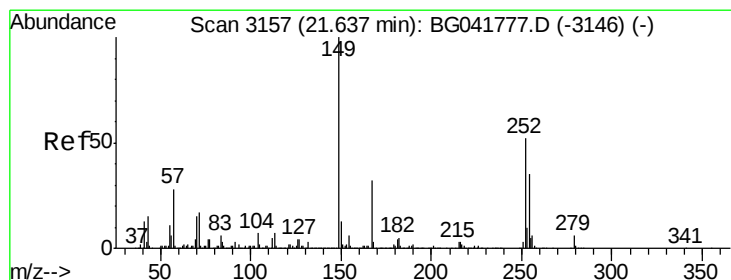
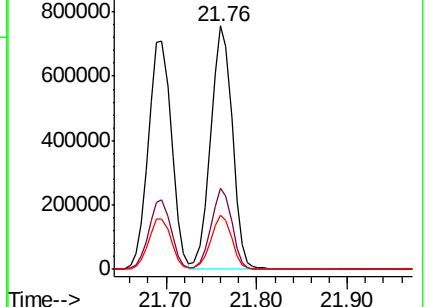
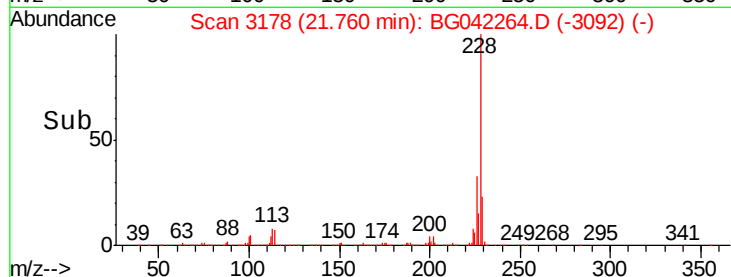
229 22.5 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.905 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.04 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

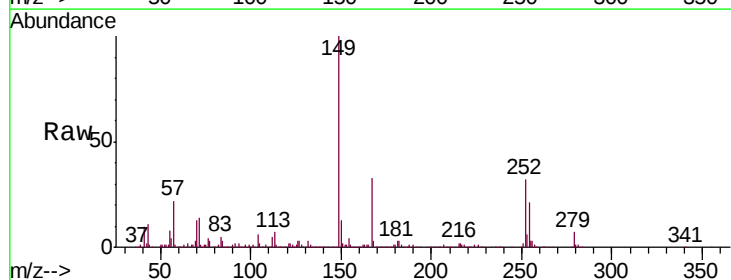
Tgt Ion:149 Resp: 713249

Ion Ratio Lower Upper

149 100

167 32.5 27.0 40.4

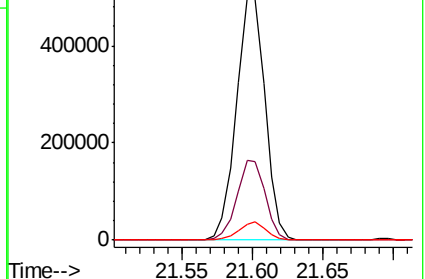
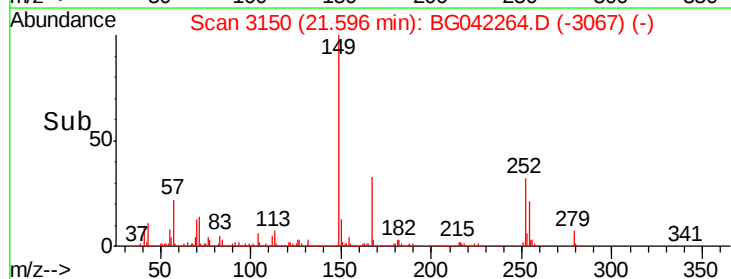
279 6.5 5.0 7.6

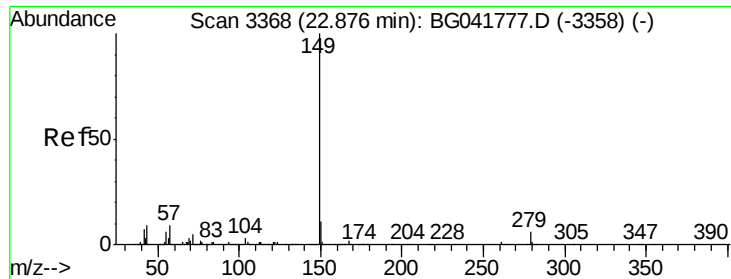


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.445 ng

RT: 22.82 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)MS

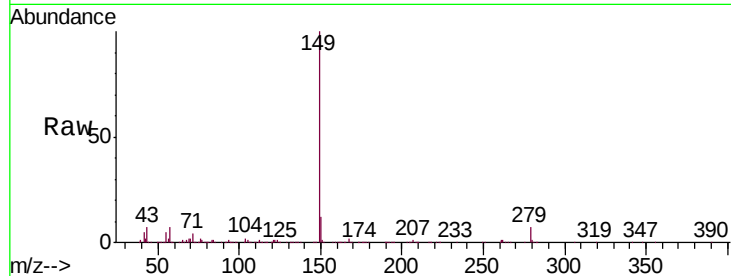
Tgt Ion:149 Resp: 1235974

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

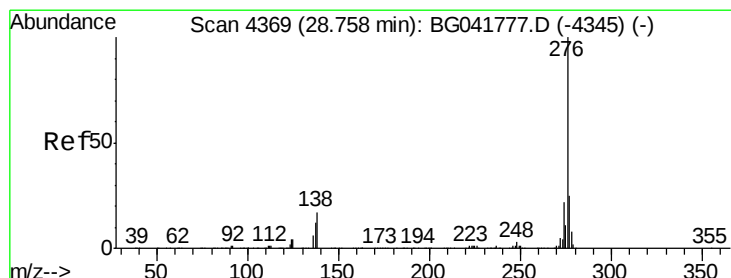
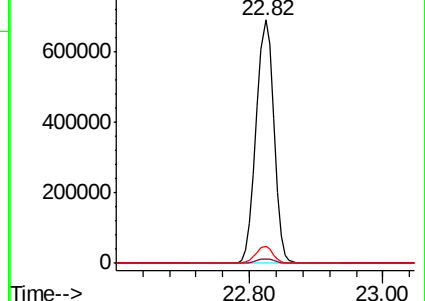
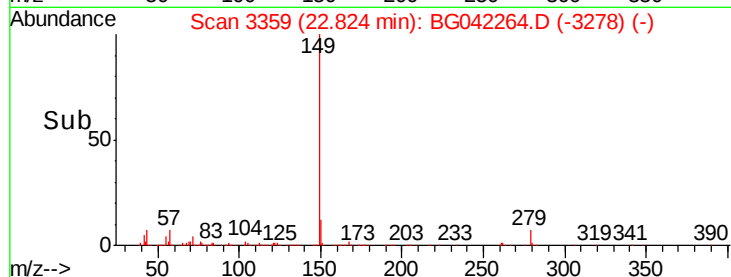
43 6.7 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.231 ng

RT: 28.71 min Scan# 4360

Delta R.T. -0.05 min

Lab File: BG042264.D

Acq: 16 Aug 2019 17:57

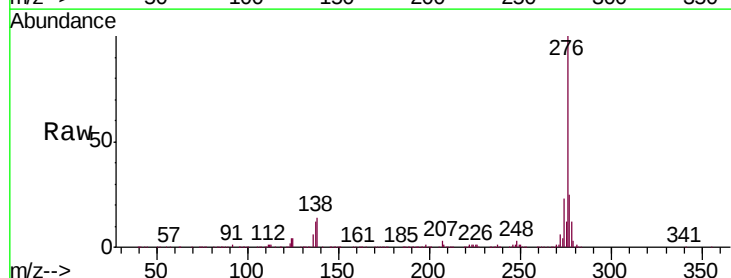
Tgt Ion:276 Resp: 1719618

Ion Ratio Lower Upper

276 100

138 12.1 19.4 29.0#

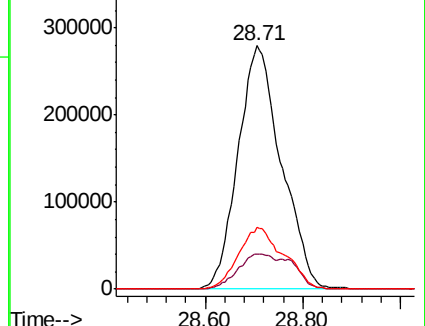
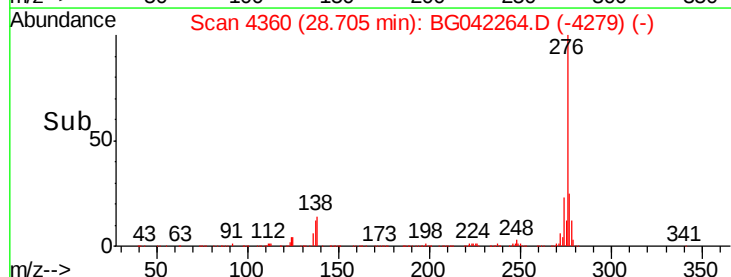
277 26.5 21.2 31.8

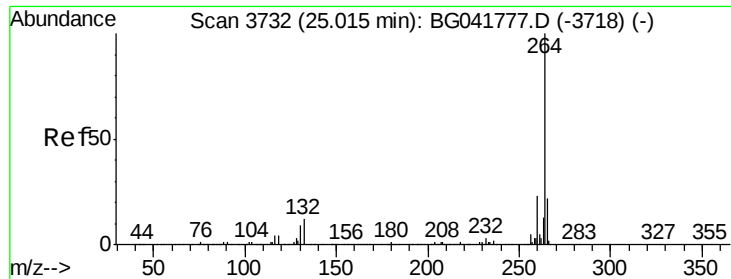


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

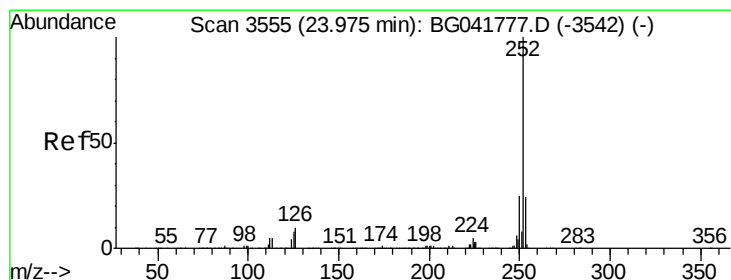
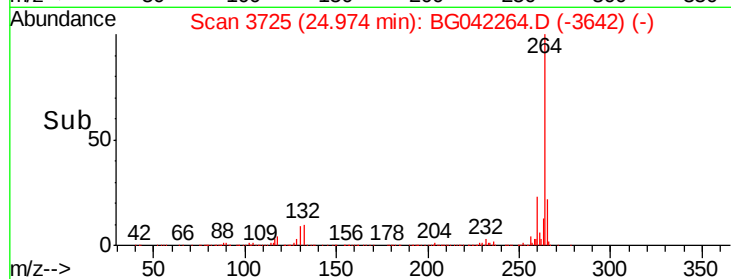
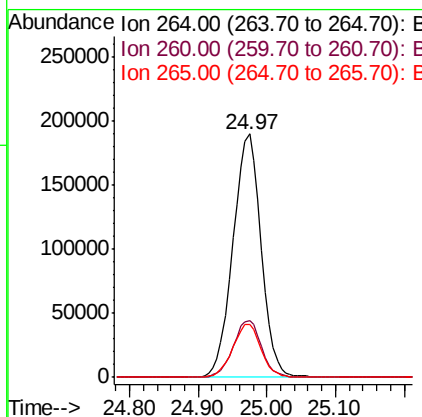
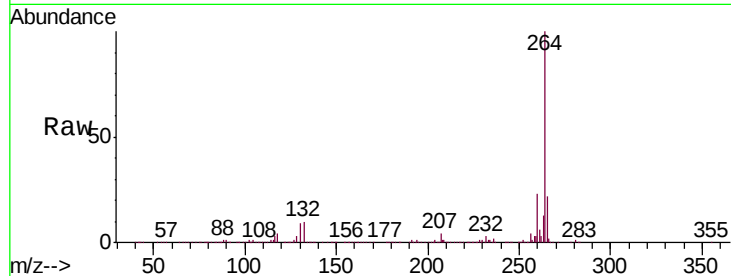




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3725
 Delta R.T. -0.04 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

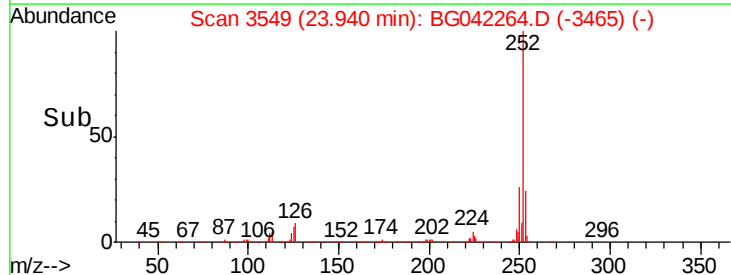
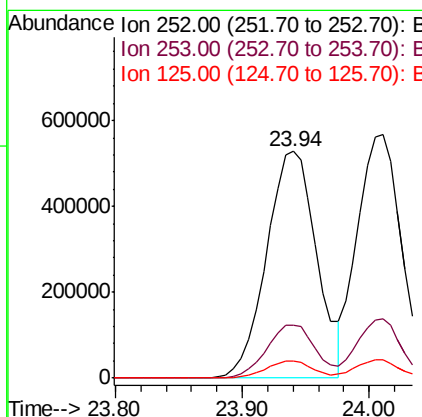
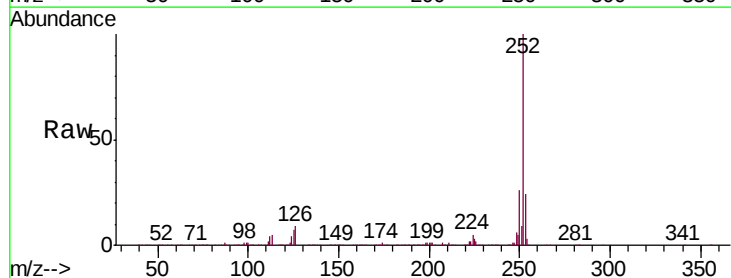
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)MS

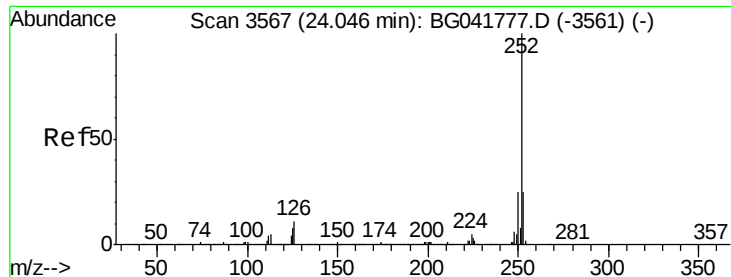
Tgt Ion: 264 Resp: 539299
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.7 18.0 27.0



#88
 Benzo(b)fluoranthene
 Concen: 49.226 ng
 RT: 23.94 min Scan# 3549
 Delta R.T. -0.03 min
 Lab File: BG042264.D
 Acq: 16 Aug 2019 17:57

Tgt Ion: 252 Resp: 1452268
 Ion Ratio Lower Upper
 252 100
 253 23.6 20.6 30.8
 125 7.4 8.0 12.0#

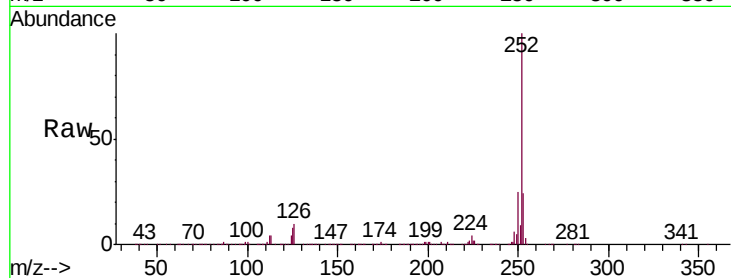




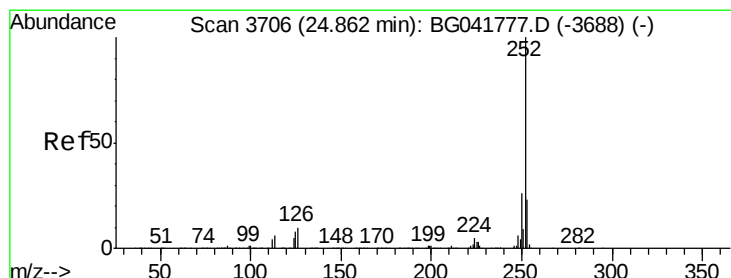
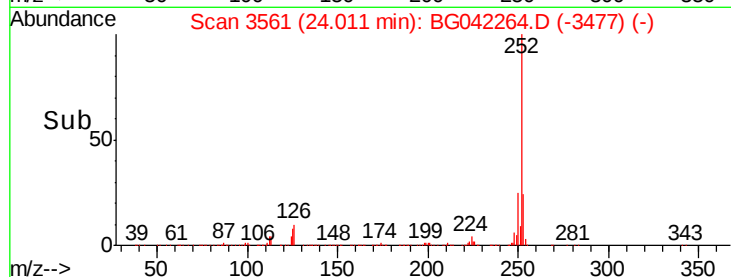
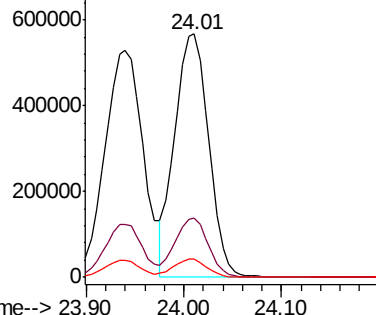
#89
Benzo(k)fluoranthene
Concen: 47.431 ng
RT: 24.01 min Scan# 3561
Delta R.T. -0.03 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tgt Ion:252 Resp: 1363073
Ion Ratio Lower Upper
252 100
253 24.1 20.5 30.7
125 7.5 8.4 12.6#

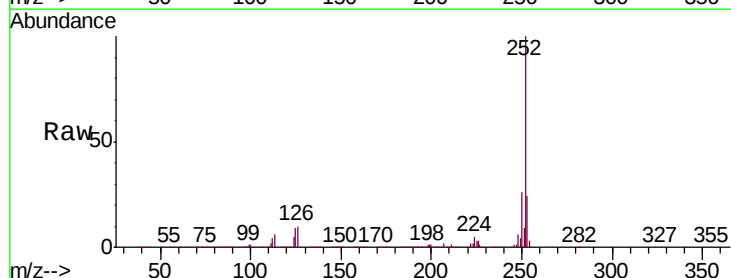


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

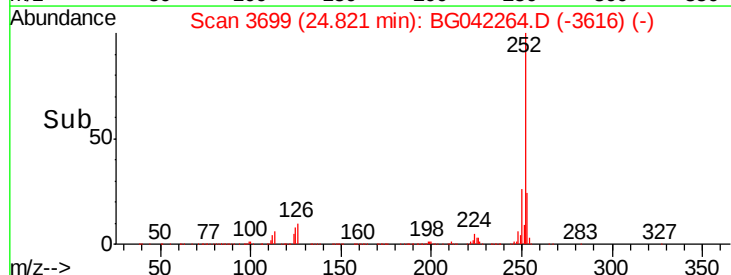
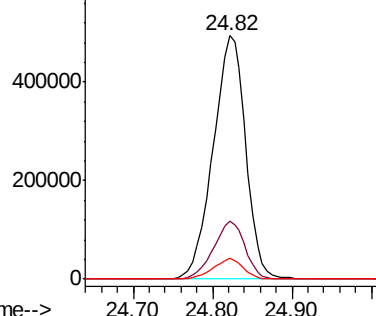


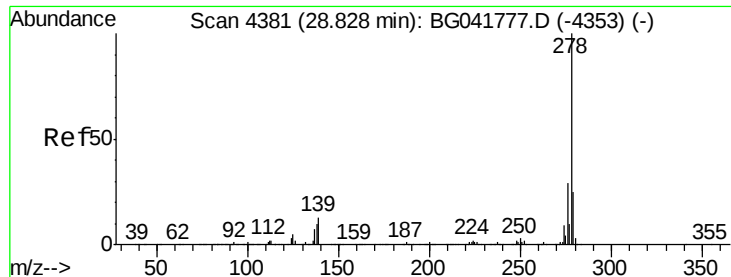
#90
Benzo(a)pyrene
Concen: 49.668 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.04 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:252 Resp: 1405336
Ion Ratio Lower Upper
252 100
253 24.0 19.8 29.8
125 8.5 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



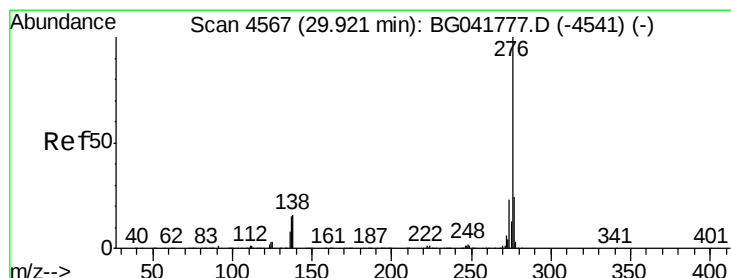
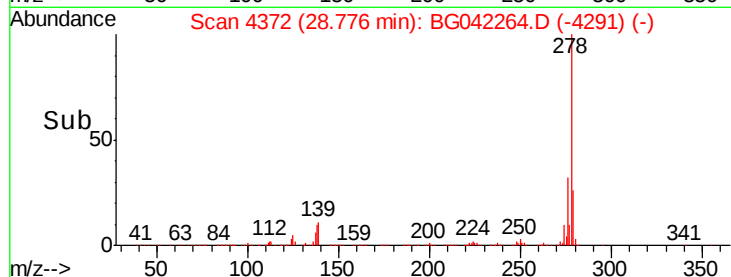
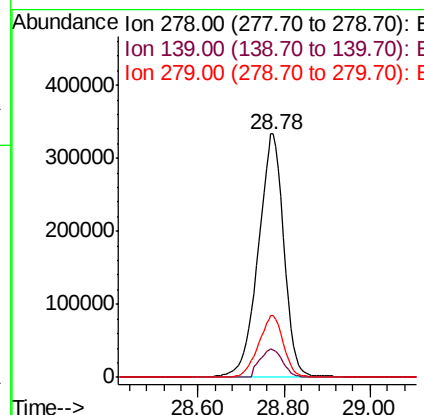
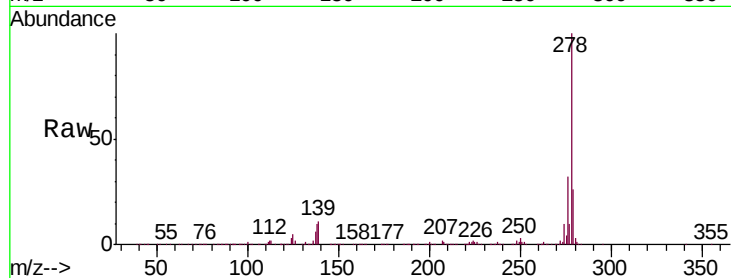


#91
Dibenzo(a,h)anthracene
Concen: 51.042 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.05 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Tgt Ion:278 Resp: 1418093

Ion	Ratio	Lower	Upper
278	100		
139	11.4	12.6	19.0#
279	25.6	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 51.885 ng
RT: 29.87 min Scan# 4559
Delta R.T. -0.05 min
Lab File: BG042264.D
Acq: 16 Aug 2019 17:57

Tgt Ion:276 Resp: 1440183

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.8	29.8
138	15.1	16.6	25.0#

