

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082319\
 Data File : BG042449.D
 Acq On : 24 Aug 2019 1:14
 Operator : HP/JU
 Sample : K4090-16MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Quant Time: Aug 24 02:12:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74310	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	282666	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	201443	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	438960	20.00	ng	0.00
76) Chrysene-d12	21.70	240	422253	20.00	ng	0.00
87) Perylene-d12	24.94	264	500647	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	467509	127.42	ng	0.00
7) Phenol-d6	7.17	99	589744	118.99	ng	0.00
23) Nitrobenzene-d5	9.17	82	411004	100.48	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	328518	114.74	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1097383	92.13	ng	0.00
79) Terphenyl-d14	20.03	244	1748978	89.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	56080	36.625	ng	# 61
3) Pyridine	3.84	79	117258	29.865	ng	97
4) n-Nitrosodimethylamine	3.75	42	56535	40.315	ng	90
6) Aniline	7.32	93	134524	20.350	ng	98
8) 2-Chlorophenol	7.57	128	193704	43.561	ng	96
9) Benzaldehyde	7.13	77	68634	27.661	ng	97
10) Phenol	7.20	94	201539	39.995	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	179870	45.450	ng	97
12) 1,3-Dichlorobenzene	7.89	146	227091	40.145	ng	98
13) 1,4-Dichlorobenzene	8.04	146	229237	40.007	ng	99
14) 1,2-Dichlorobenzene	8.36	146	216651	39.483	ng	99
15) Benzyl Alcohol	8.25	79	149357	41.888	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	242401	45.191	ng	98
17) 2-Methylphenol	8.46	107	156536	42.175	ng	95
18) Hexachloroethane	9.10	117	74910	38.189	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	136618	42.549	ng	96
20) 3+4-Methylphenols	8.79	107	213523	41.575	ng	98
22) Acetophenone	8.83	105	285053	47.149	ng	99
24) Nitrobenzene	9.22	77	198588	47.943	ng	98
25) Isophorone	9.74	82	377451	46.757	ng	97
26) 2-Nitrophenol	9.93	139	111454	42.937	ng	97
27) 2,4-Dimethylphenol	10.00	122	184322	51.549	ng	100
28) bis(2-Chloroethoxy)methane	10.22	93	240492	47.267	ng	99
29) 2,4-Dichlorophenol	10.48	162	213263	45.586	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	239661	41.737	ng	97
31) Naphthalene	10.88	128	605360	46.128	ng	99
32) Benzoic acid	10.00	122	184322	67.110	ng	# 15
33) 4-Chloroaniline	10.99	127	51281	8.465	ng	99
34) Hexachlorobutadiene	11.17	225	151016	39.132	ng	98
35) Caprolactam	11.76	113	34018	21.792	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	202879	45.683	ng	98
37) 2-Methylnaphthalene	12.49	142	474853	45.063	ng	99
38) 1-Methylnaphthalene	12.71	142	447698	44.728	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	285068	44.066	ng	99

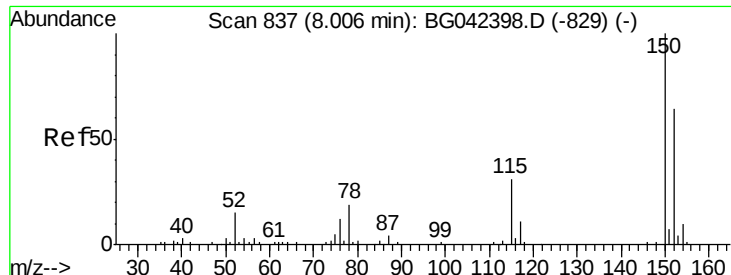
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	152507	44.880	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	184444	42.181	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	201883	44.553	ng	96
46) 1,1'-Biphenyl	13.49	154	603628	46.356	ng	99
47) 2-Chloronaphthalene	13.54	162	494592	44.050	ng	97
48) 2-Nitroaniline	13.74	65	132317	48.870	ng	96
49) Acenaphthylene	14.39	152	788630	46.687	ng	98
50) Dimethylphthalate	14.12	163	645535	44.413	ng	100
51) 2,6-Dinitrotoluene	14.23	165	147468	43.771	ng	97
52) Acenaphthene	14.73	154	459463	44.795	ng	99
53) 3-Nitroaniline	14.57	138	97268	28.868	ng	98
54) 2,4-Dinitrophenol	14.79	184	35958	20.855	ng	99
55) Dibenzofuran	15.06	168	765274	45.073	ng	97
56) 4-Nitrophenol	14.89	139	226618	94.653	ng	99
57) 2,4-Dinitrotoluene	15.03	165	206214	42.744	ng	91
58) Fluorene	15.71	166	612948	44.164	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194205	43.339	ng	# 89
60) Diethylphthalate	15.48	149	612055	43.076	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	347949	41.589	ng	99
62) 4-Nitroaniline	15.73	138	150304	41.681	ng	97
63) Azobenzene	16.00	77	482517	49.560	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	40784	14.819	ng	90
66) n-Nitrosodiphenylamine	15.92	169	565987	46.885	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	237242	42.609	ng	97
68) Hexachlorobenzene	16.72	284	246498	40.725	ng	# 93
69) Atrazine	16.87	200	211920	49.642	ng	99
70) Pentachlorophenol	17.07	266	208096	66.169	ng	97
71) Phenanthrene	17.46	178	993957	45.586	ng	97
72) Anthracene	17.55	178	1021686	46.938	ng	98
73) Carbazole	17.82	167	926586	47.763	ng	98
74) Di-n-butylphthalate	18.38	149	1057307	46.106	ng	99
75) Fluoranthene	19.47	202	1206675	45.347	ng	98
77) Benzidine	19.64	184	396267	32.733	ng	98
78) Pyrene	19.83	202	1214709	46.921	ng	98
80) Butylbenzylphthalate	20.71	149	488431	47.968	ng	98
81) Benzo(a)anthracene	21.67	228	1173795	45.697	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	315148	30.506	ng	98
83) Chrysene	21.74	228	1138971	45.978	ng	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	686364	48.549	ng	98
85) Di-n-octyl phthalate	22.79	149	1183826	48.686	ng	98
86) Indeno(1,2,3-cd)pyrene	28.65	276	1433958	42.595	ng	100
88) Benzo(b)fluoranthene	23.91	252	1250178	45.422	ng	# 98
89) Benzo(k)fluoranthene	23.98	252	1265640	47.839	ng	98
90) Benzo(a)pyrene	24.79	252	1252386	47.952	ng	# 98
91) Dibenzo(a,h)anthracene	28.71	278	1201646	45.441	ng	98
92) Benzo(g,h,i)perylene	29.82	276	1138999	43.065	ng	# 97

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

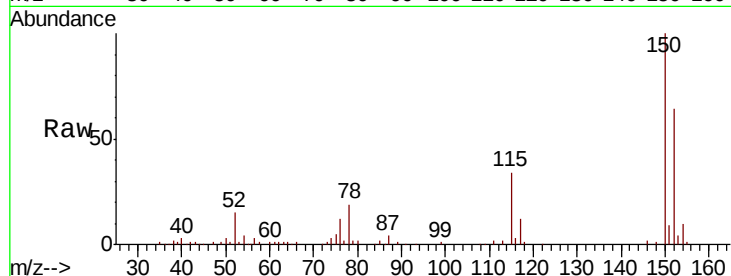


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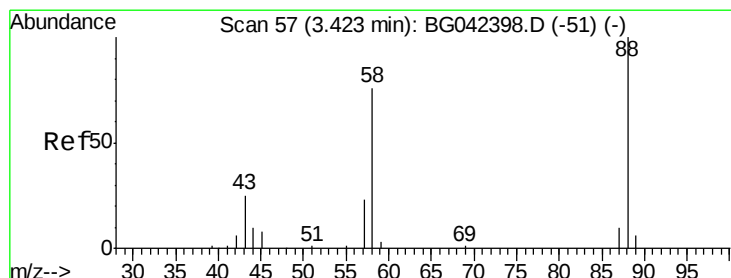
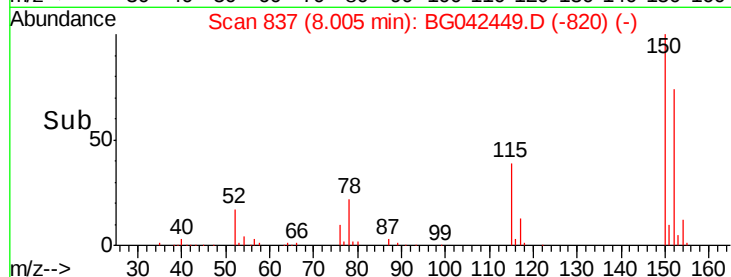
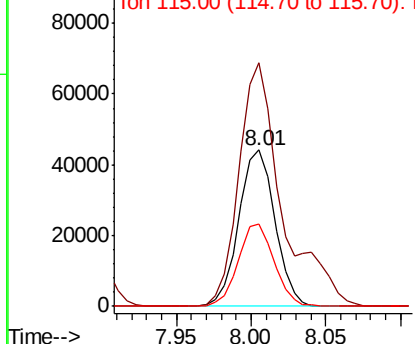
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:152 Resp: 74310
Ion Ratio Lower Upper
152 100
150 155.6 125.4 188.0
115 52.5 38.5 57.7



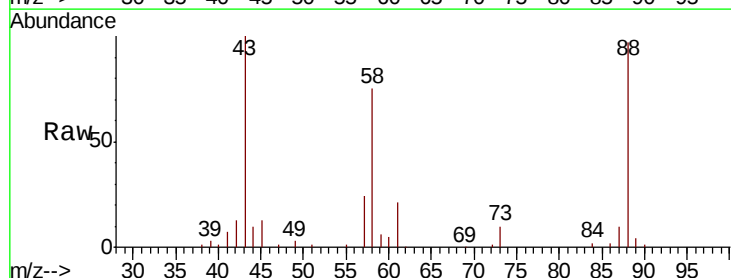
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



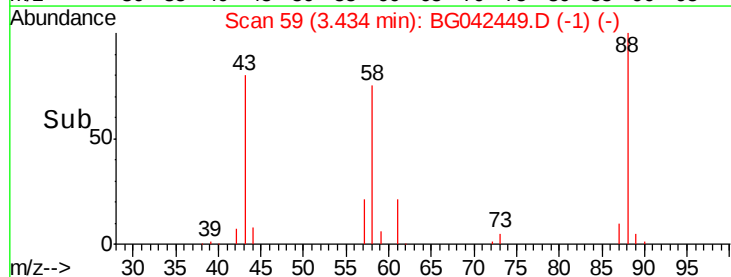
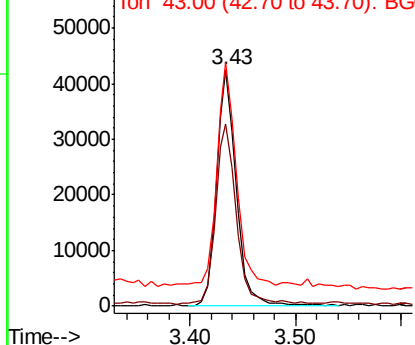
#2

1,4-Dioxane
Concen: 36.625 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion: 88 Resp: 56080
Ion Ratio Lower Upper
88 100
58 78.8 58.3 87.5
43 91.9 20.2 30.2#



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: 29.865 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

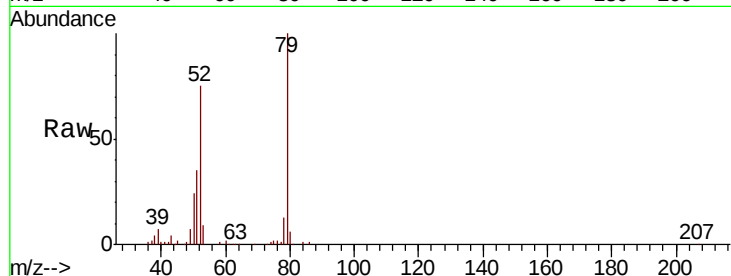
Tgt Ion: 79 Resp: 117258

Ion Ratio Lower Upper

79 100

52 74.9 57.7 86.5

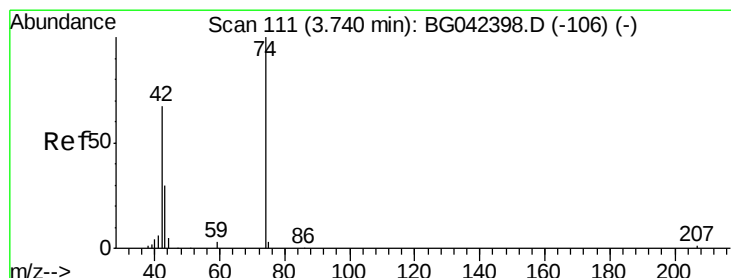
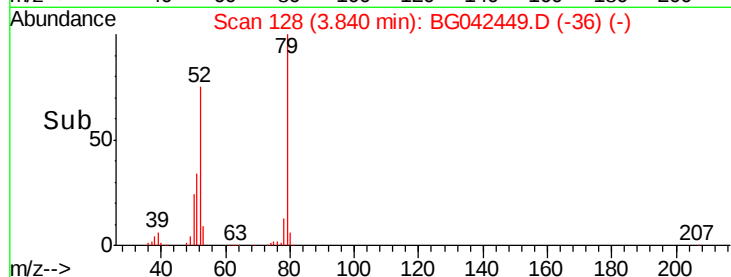
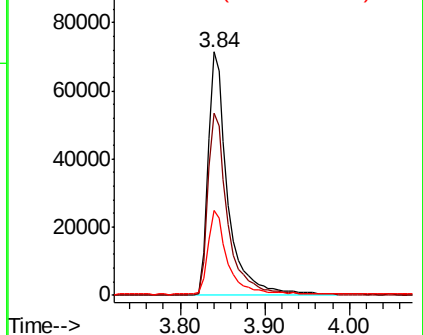
51 34.7 28.8 43.2



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: 40.315 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

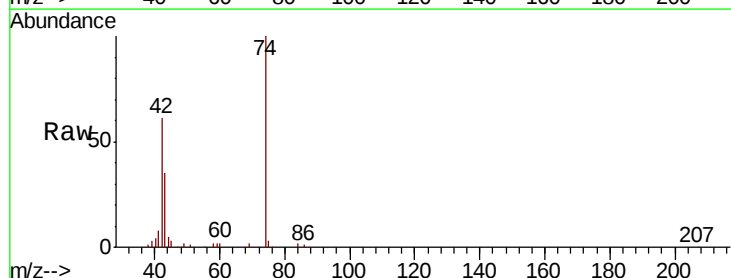
Tgt Ion: 42 Resp: 56535

Ion Ratio Lower Upper

42 100

74 162.8 119.6 179.4

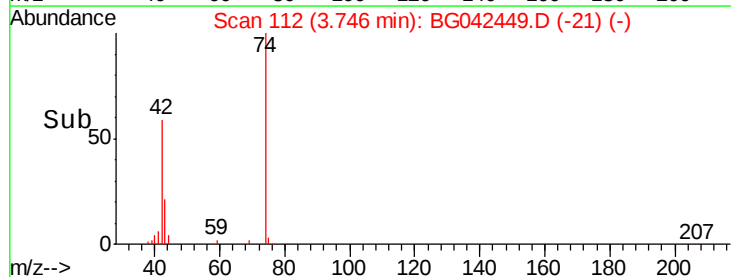
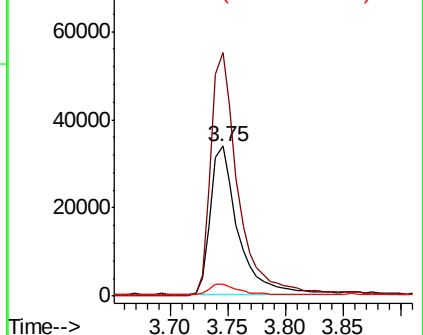
44 8.1 6.5 9.7

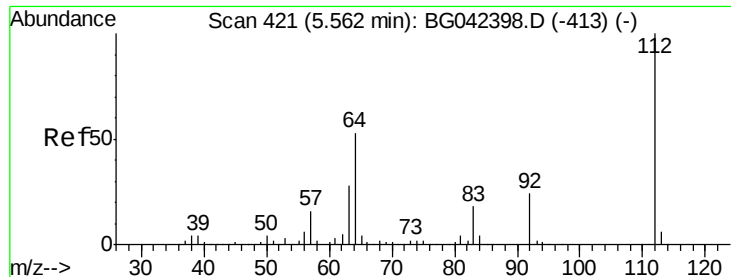


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.418 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

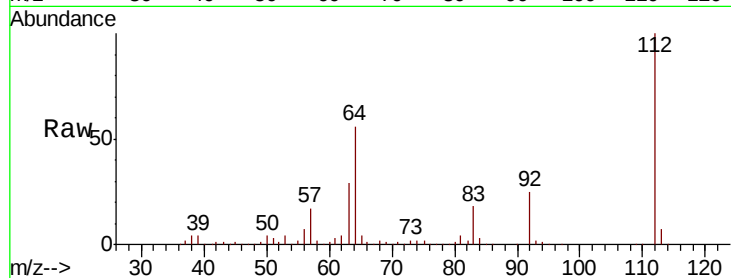
Tgt Ion: 112 Resp: 467509

Ion Ratio Lower Upper

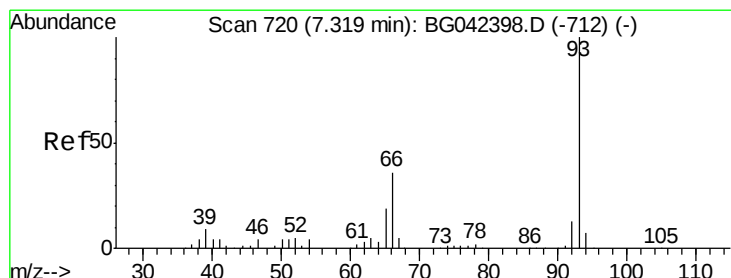
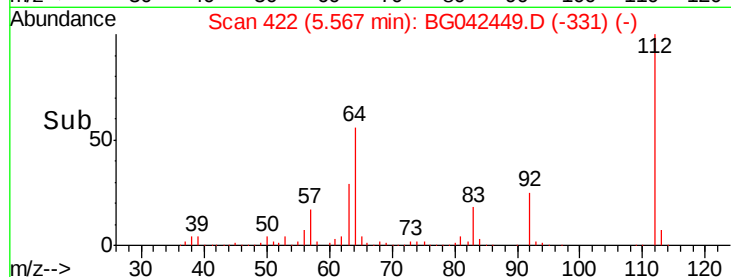
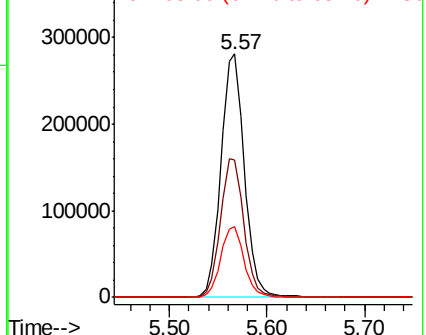
112 100

64 56.4 42.8 64.2

63 28.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.350 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

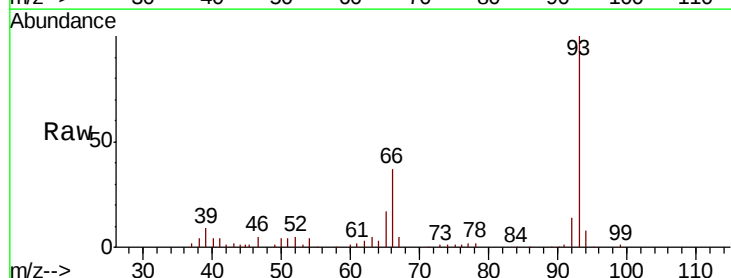
Tgt Ion: 93 Resp: 134524

Ion Ratio Lower Upper

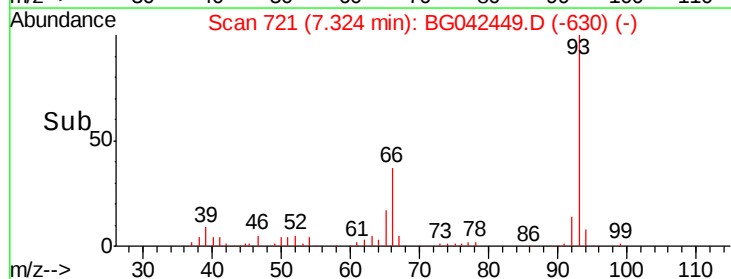
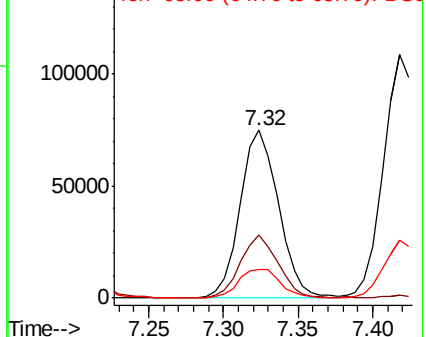
93 100

66 37.4 29.0 43.6

65 17.3 15.2 22.8



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: 118.993 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

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ClientSampleId :

OR-03-082219MSD

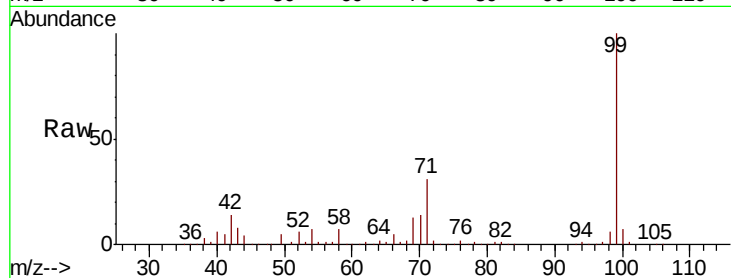
Tgt Ion: 99 Resp: 589744

Ion Ratio Lower Upper

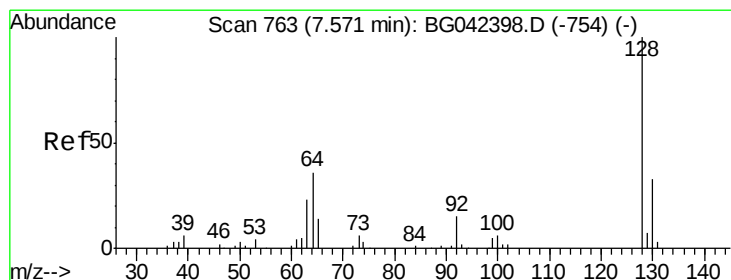
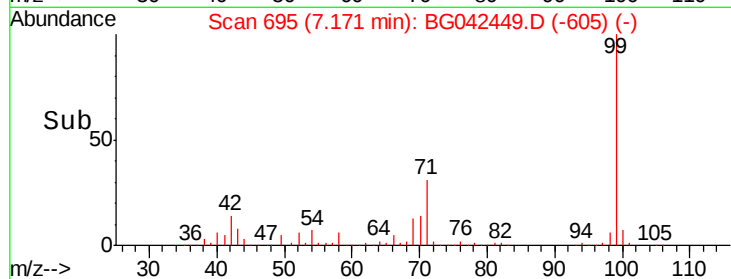
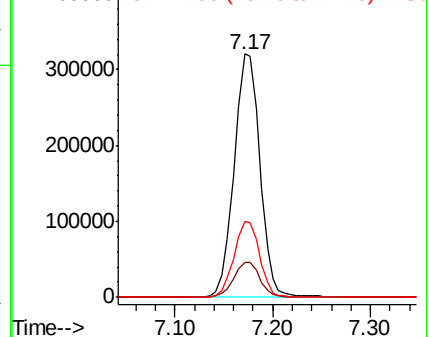
99 100

42 14.4 12.0 18.0

71 31.1 26.3 39.5



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: 43.561 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

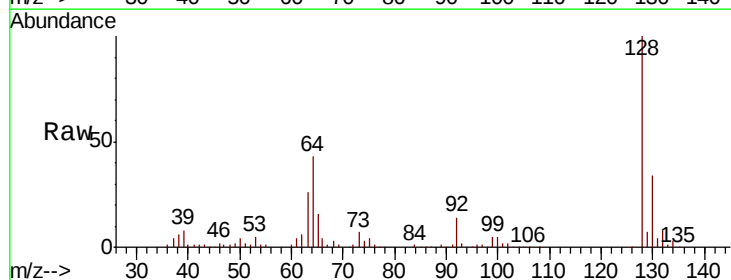
Tgt Ion: 128 Resp: 193704

Ion Ratio Lower Upper

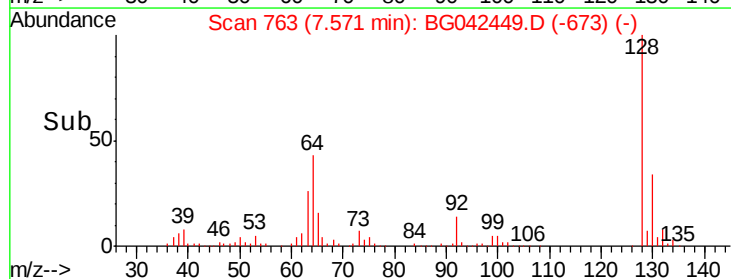
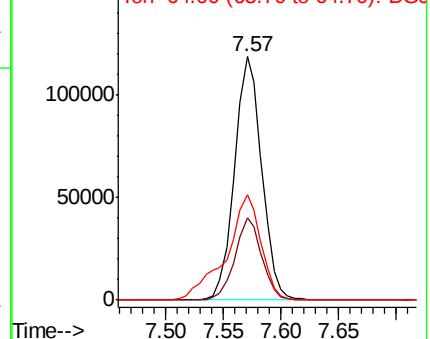
128 100

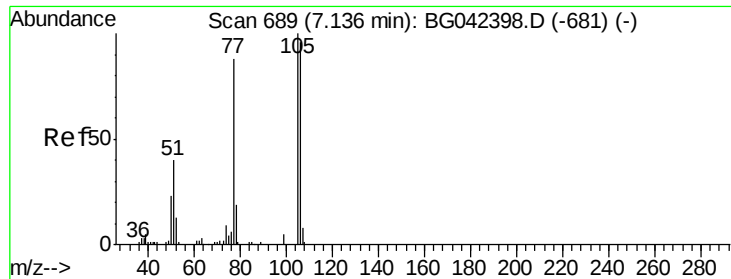
130 33.6 12.8 52.8

64 43.2 19.2 59.2



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





#9

Benzaldehyde

Concen: 27.661 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

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OR-03-082219MSD

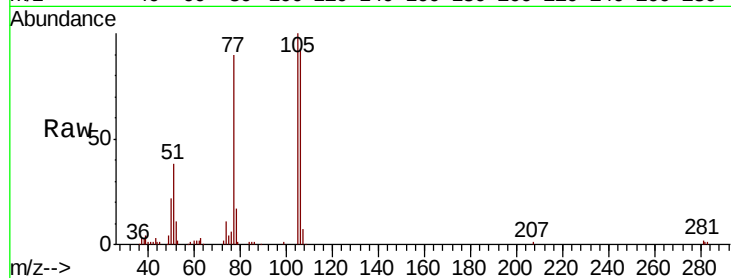
Tgt Ion: 77 Resp: 68634

Ion Ratio Lower Upper

77 100

105 111.5 93.4 133.4

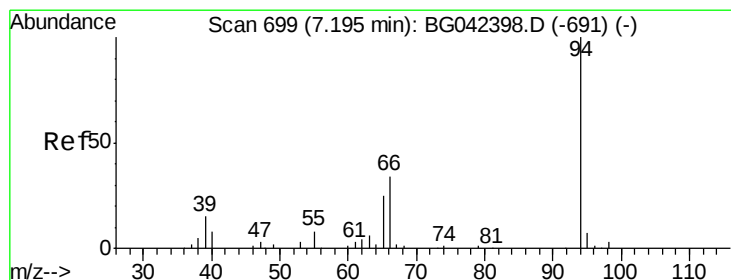
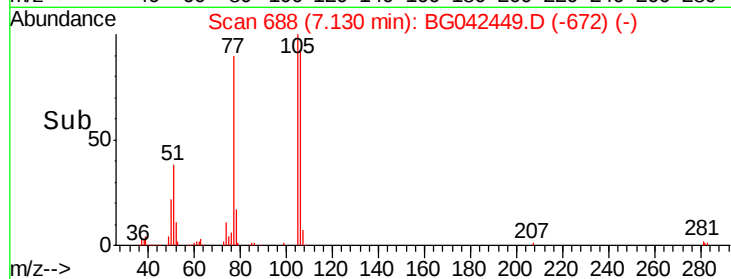
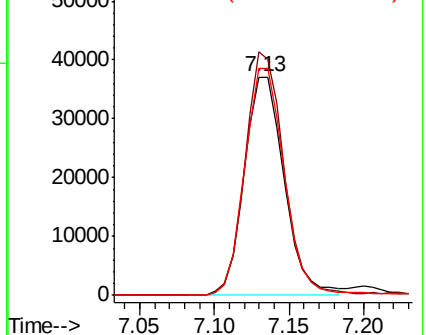
106 104.2 88.4 128.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.995 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

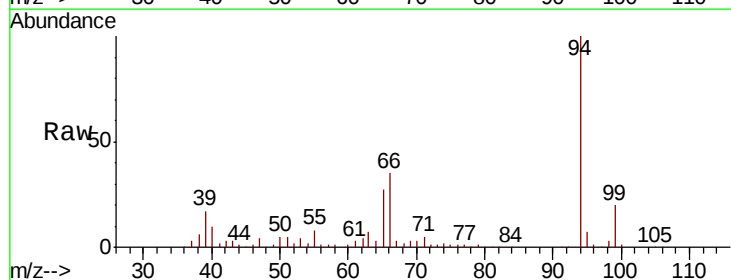
Tgt Ion: 94 Resp: 201539

Ion Ratio Lower Upper

94 100

65 27.2 5.6 45.6

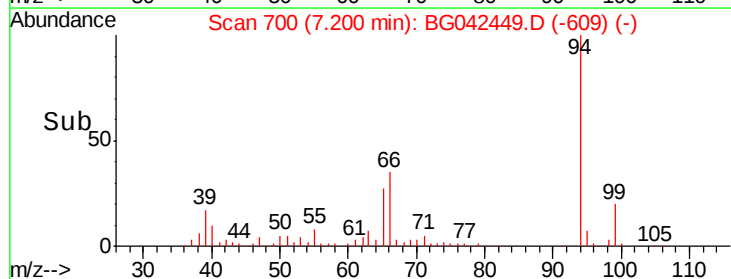
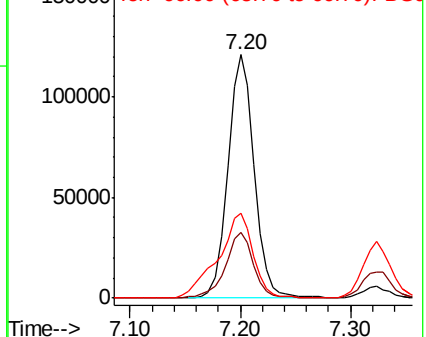
66 34.8 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

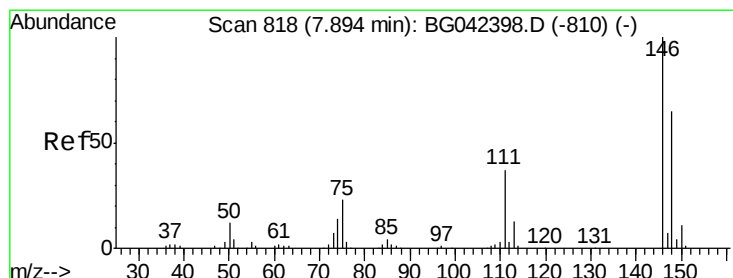
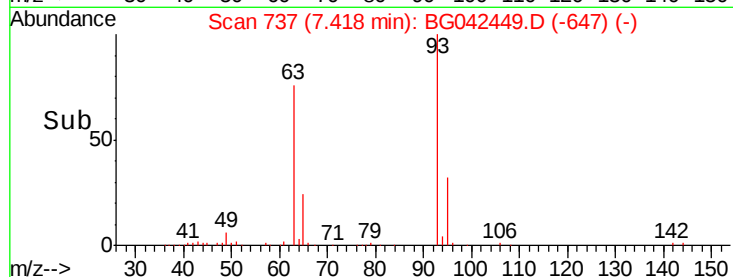
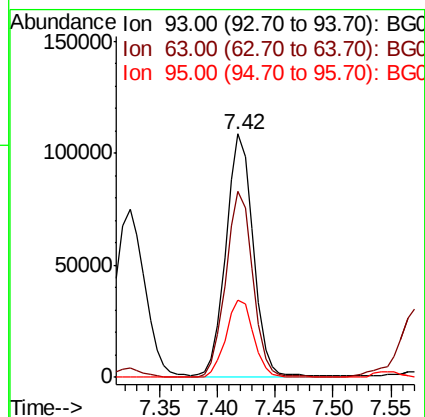
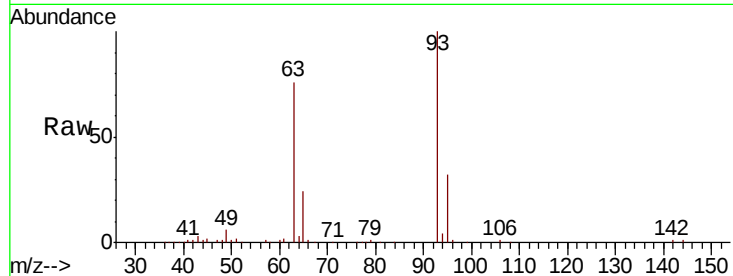




#11
 bis(2-Chloroethyl)ether
 Concen: 45.450 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

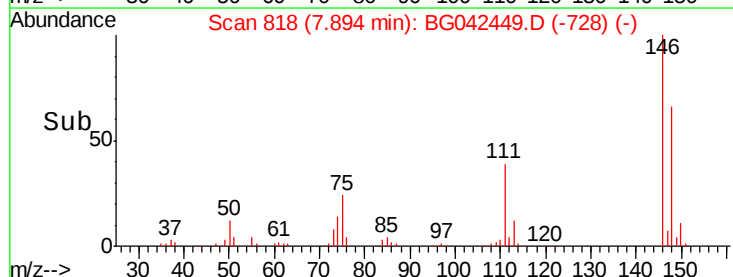
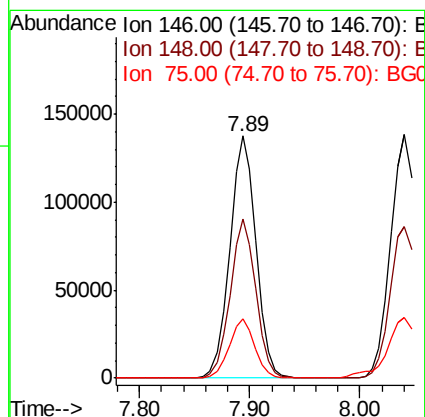
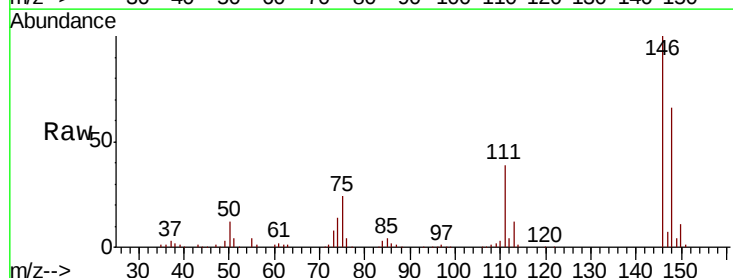
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

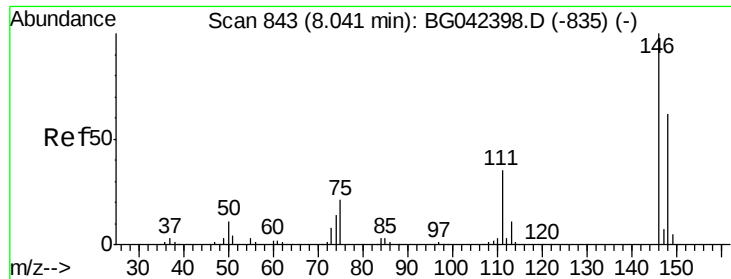
Tgt Ion: 93 Resp: 179870
 Ion Ratio Lower Upper
 93 100
 63 76.3 53.8 93.8
 95 32.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 40.145 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion: 146 Resp: 227091
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.2
 75 24.5 18.0 27.0

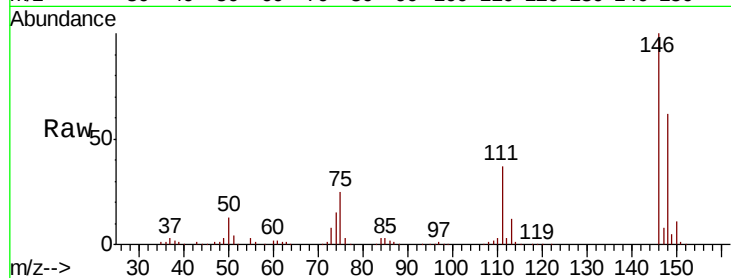




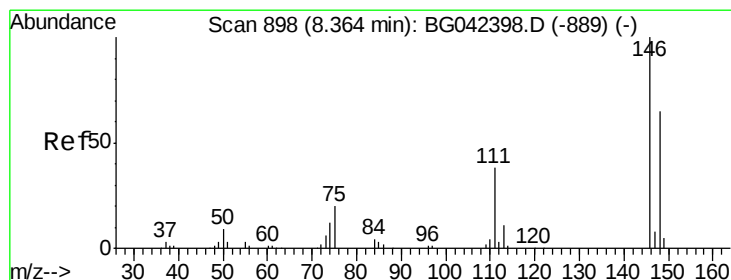
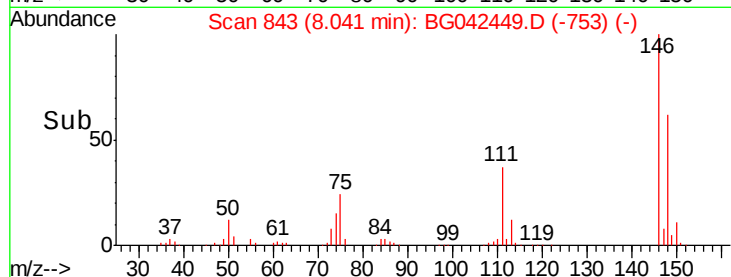
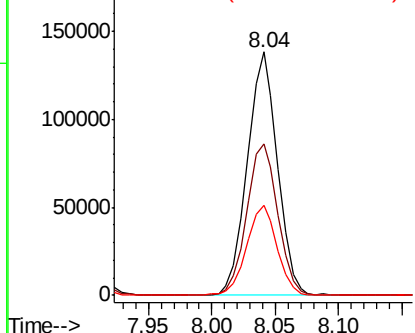
#13
 1,4-Dichlorobenzene
 Concen: 40.007 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.5	74.3
111	36.8	28.1	42.1

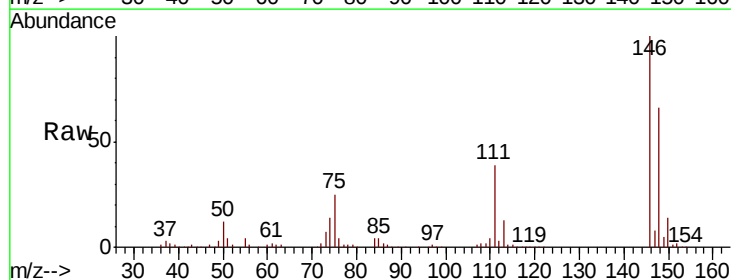


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

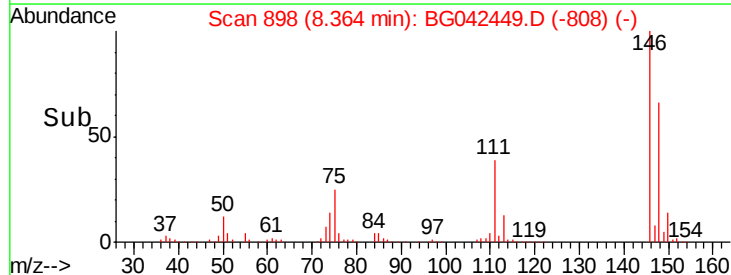
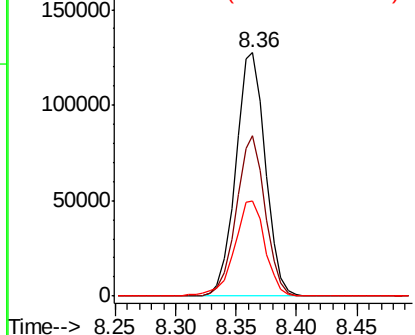


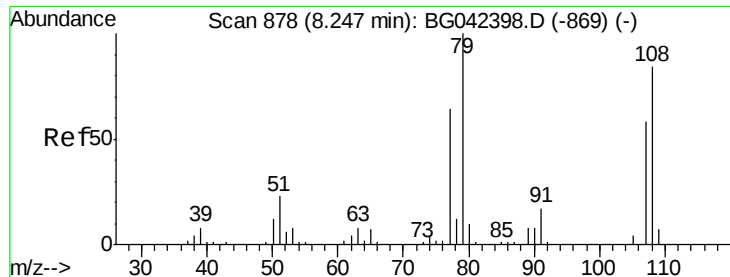
#14
 1,2-Dichlorobenzene
 Concen: 39.483 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.6
111	39.0	30.9	46.3



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: 41.888 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

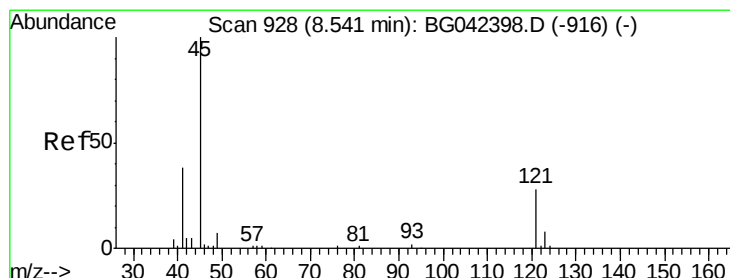
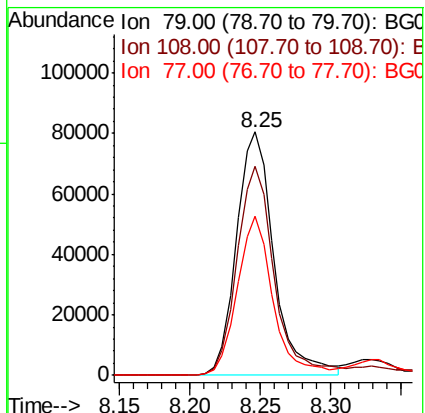
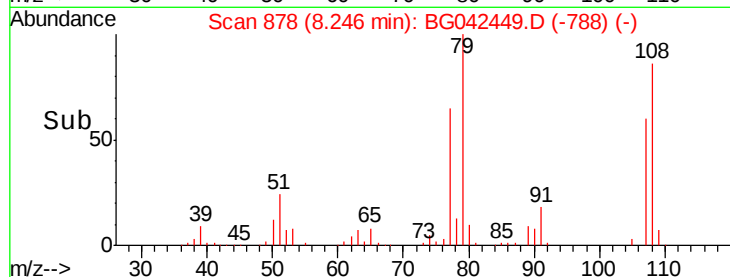
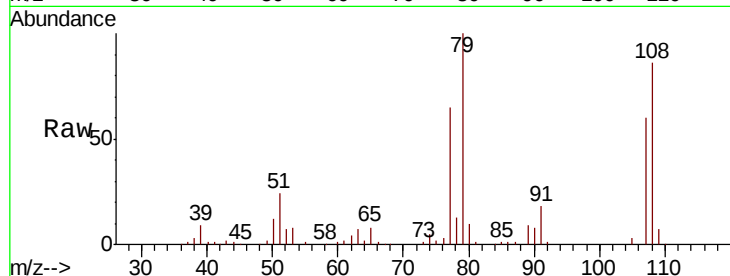
Tgt Ion: 79 Resp: 149357

Ion Ratio Lower Upper

79 100

108 85.8 67.4 101.2

77 65.1 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.191 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

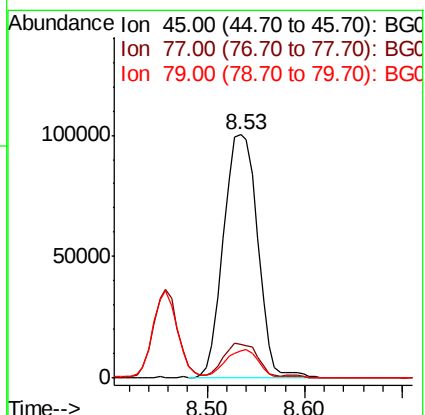
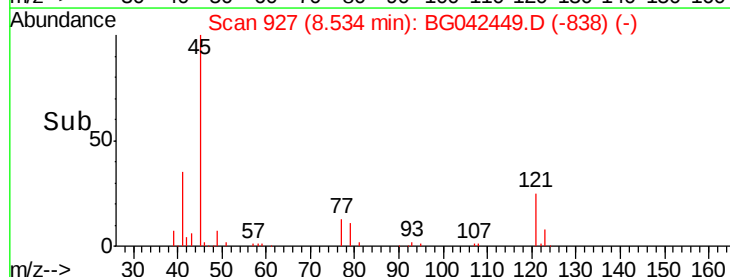
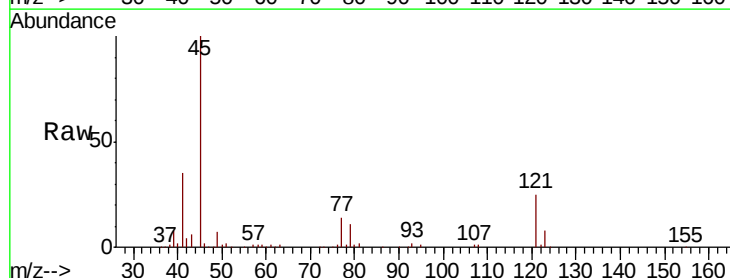
Tgt Ion: 45 Resp: 242401

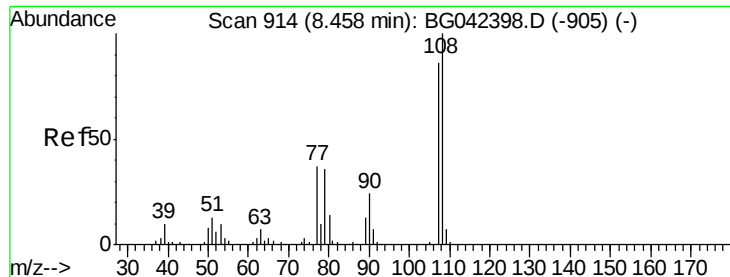
Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.6

79 11.4 0.0 31.6

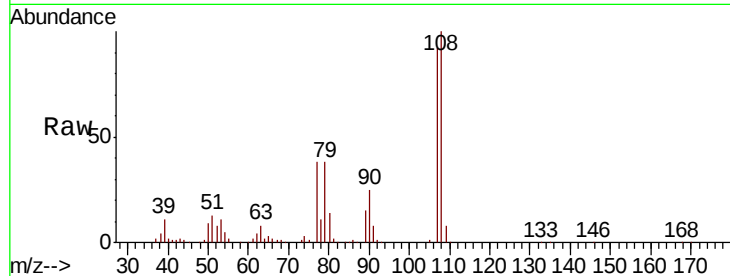




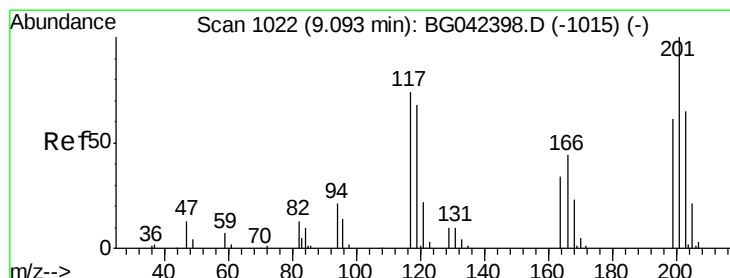
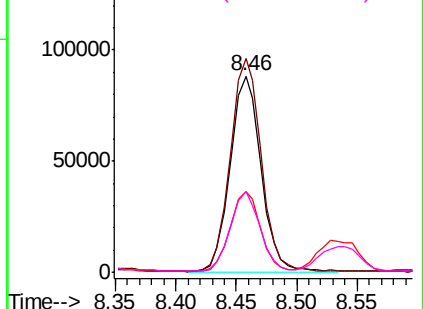
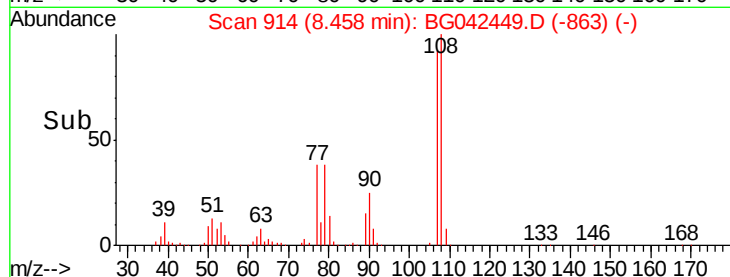
#17
2-Methylphenol
Concen: 42.175 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:	107	Resp:	156536
Ion	Ratio	Lower	Upper
107	100		
108	108.8	92.9	139.3
77	41.1	34.4	51.6
79	41.0	33.8	50.6

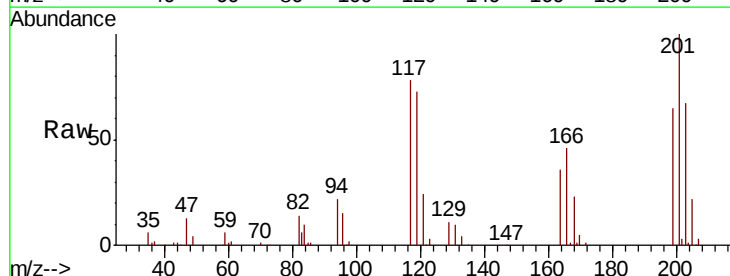


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

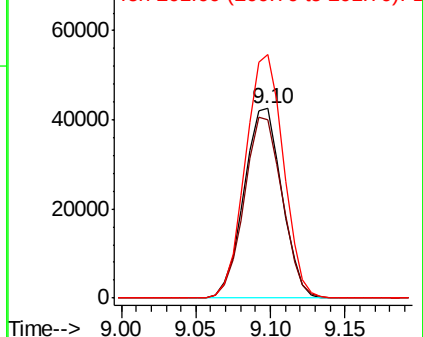
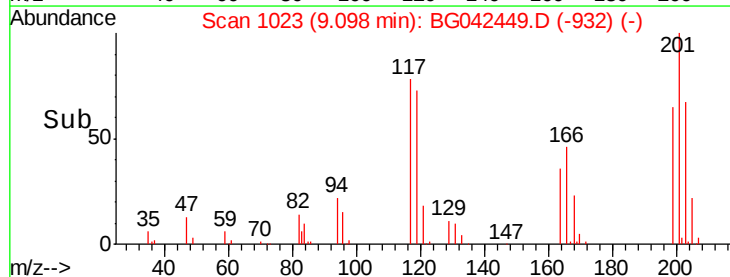


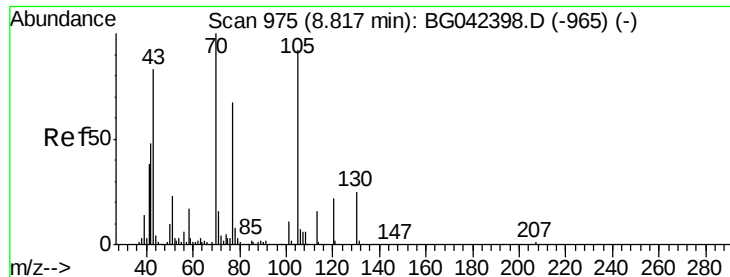
#18
Hexachloroethane
Concen: 38.189 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion:	117	Resp:	74910
Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.8	110.8
201	128.5	108.3	162.5



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

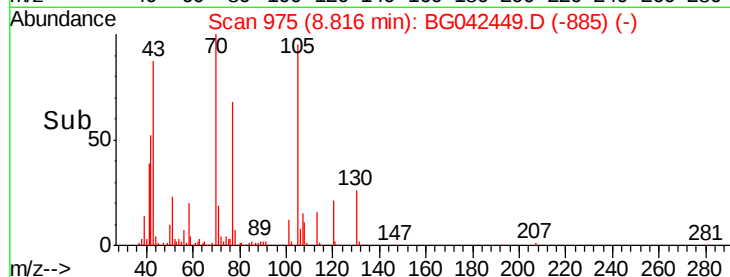
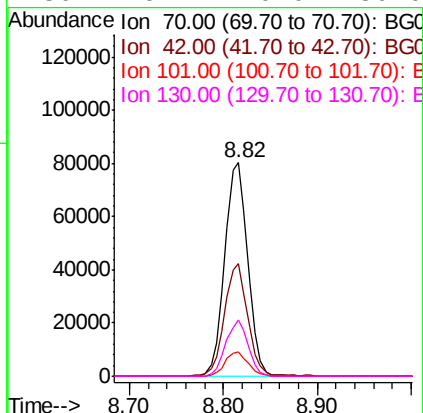
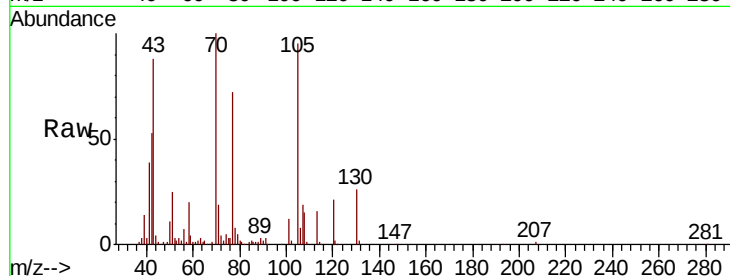




#19
n-Nitroso-di-n-propylamine
Concen: 42.549 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

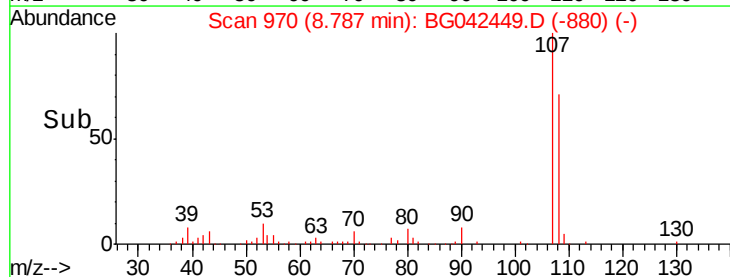
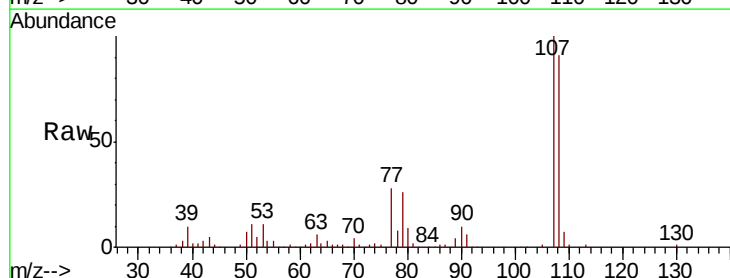
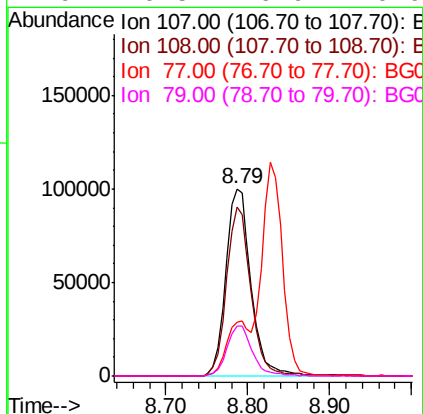
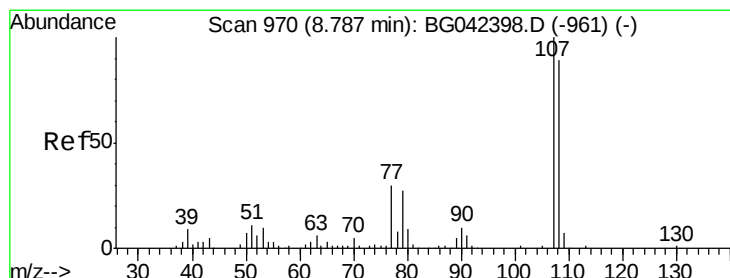
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:	70	Resp:	136618
Ion	Ratio	Lower	Upper
70	100		
42	52.7	38.8	58.2
101	11.7	9.0	13.6
130	26.2	20.0	30.0



#20
3+4-Methylphenols
Concen: 41.575 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion:	107	Resp:	213523
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.7	108.7
77	28.5	10.2	50.2
79	26.5	6.9	46.9

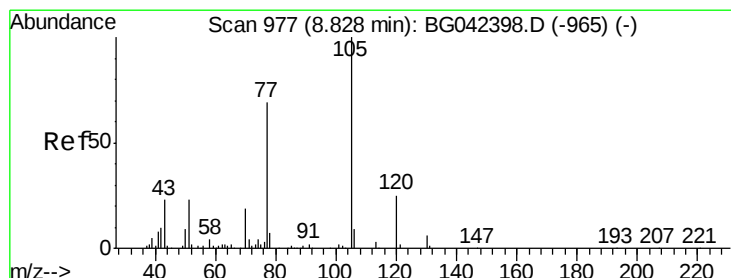
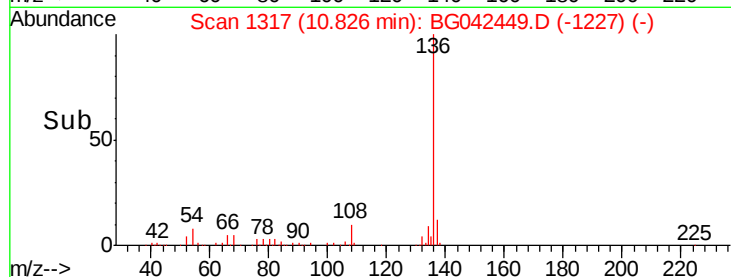
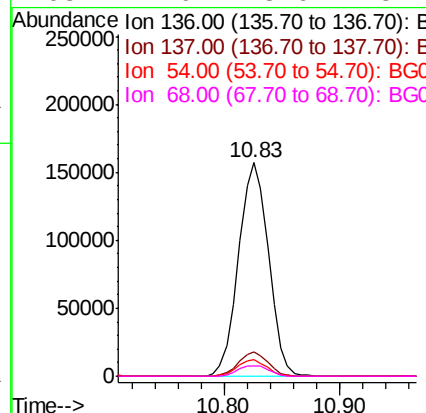
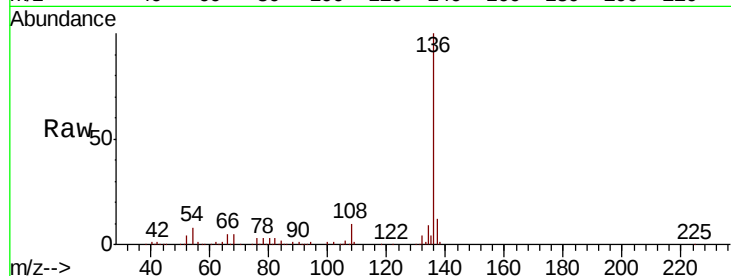




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

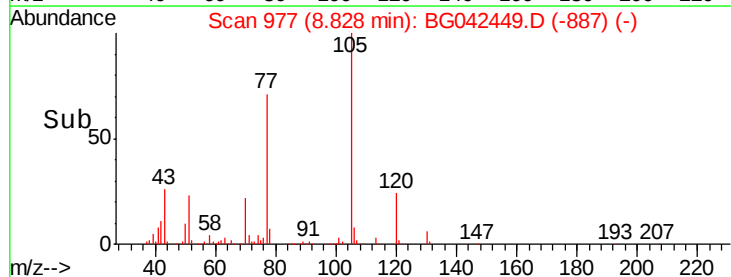
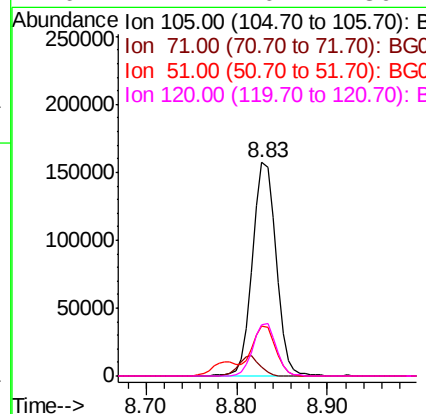
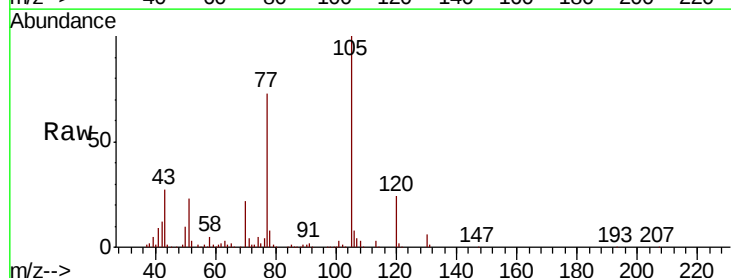
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:	136	Resp:	282666
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.5	4.9	7.3#
68	4.9	3.6	5.4



#22
Acetophenone
Concen: 47.149 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion:	105	Resp:	285053
Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.8	4.2
51	23.4	18.7	28.1
120	24.1	20.1	30.1

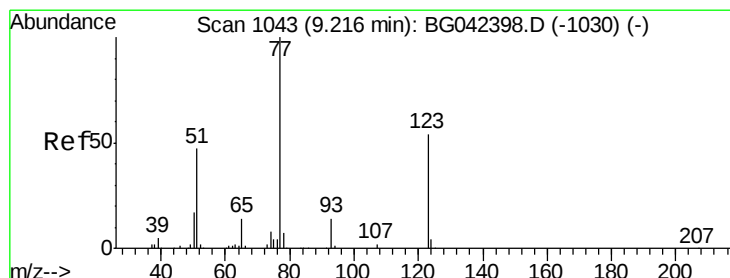
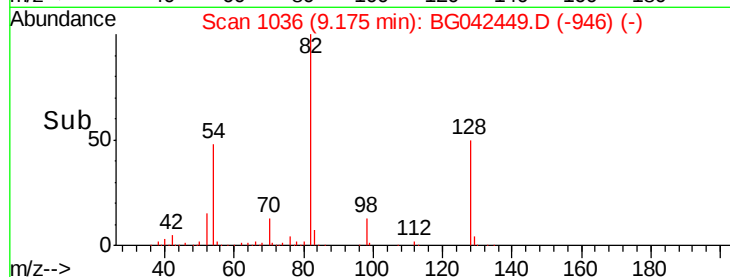
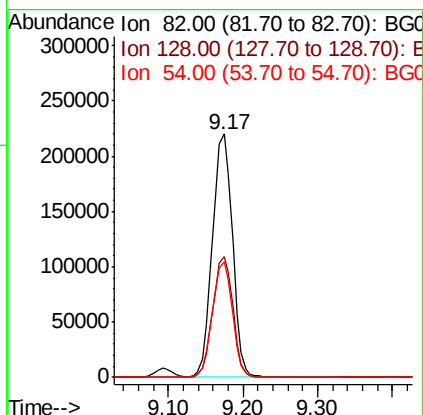
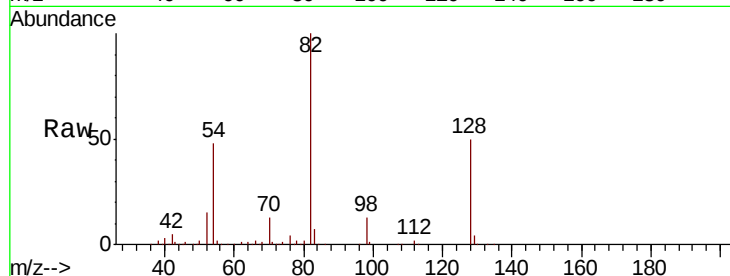




#23
 Nitrobenzene-d5
 Concen: 100.479 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

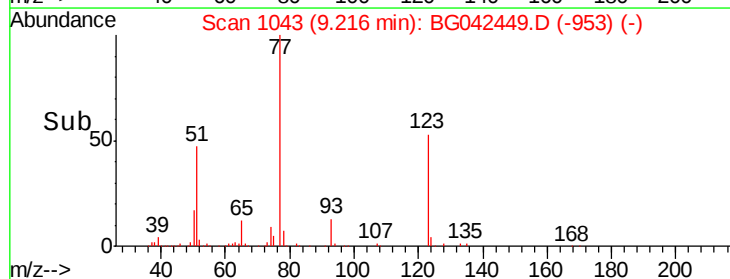
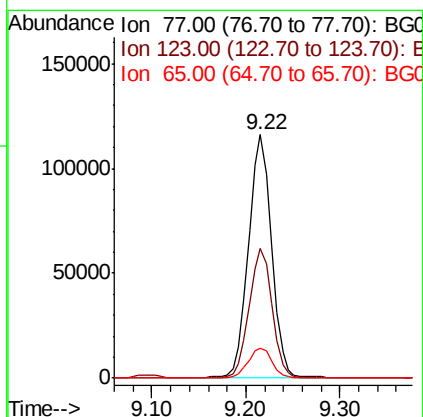
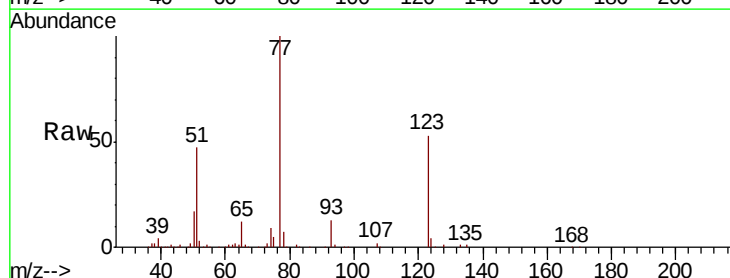
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

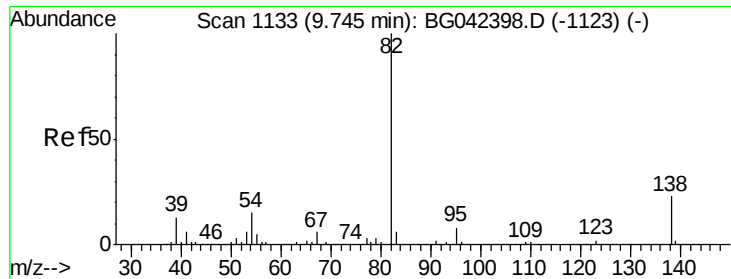
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.7	61.1
54	47.7	36.3	54.5



#24
 Nitrobenzene
 Concen: 47.943 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	43.4	65.0
65	12.4	11.0	16.6

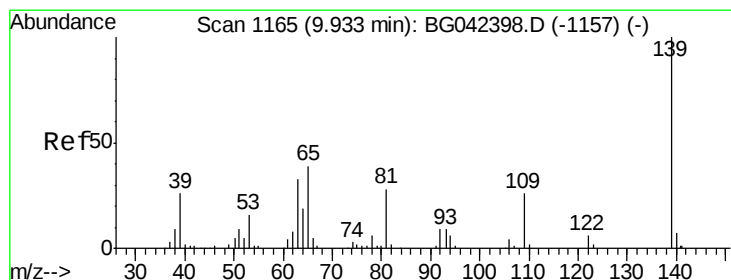
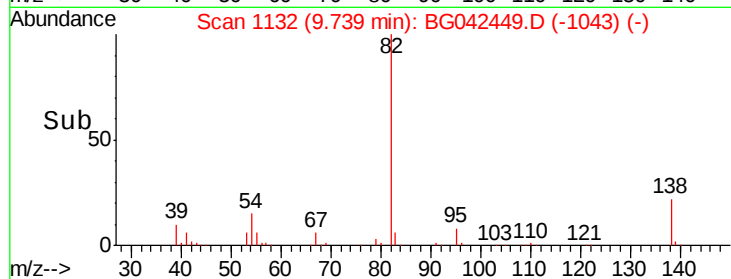
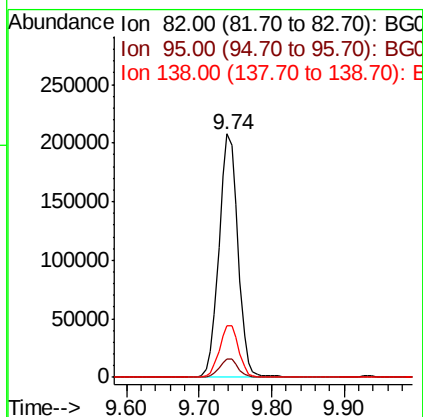
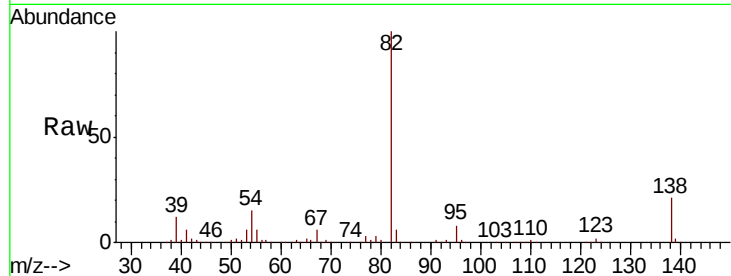




#25
Isophorone
Concen: 46.757 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

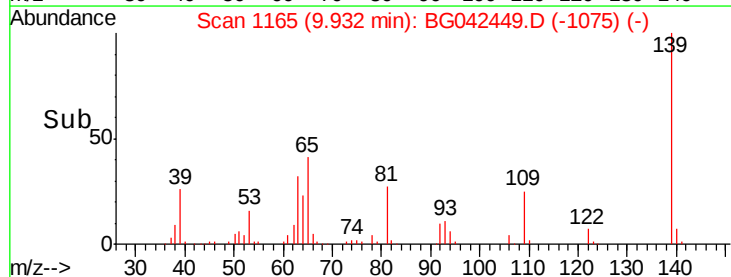
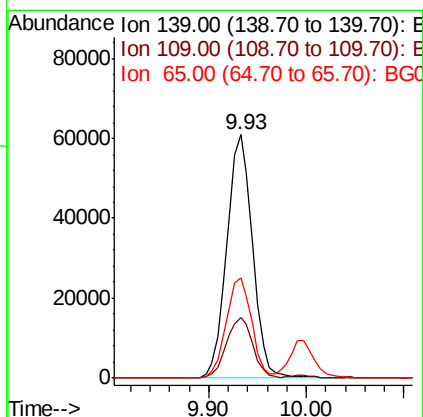
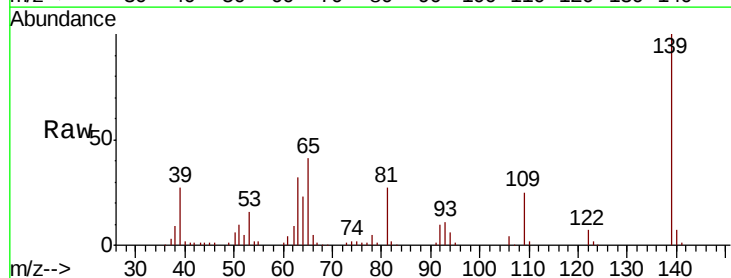
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion: 82 Resp: 377451
Ion Ratio Lower Upper
82 100
95 7.6 6.6 9.8
138 21.4 18.6 27.8



#26
2-Nitrophenol
Concen: 42.937 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion: 139 Resp: 111454
Ion Ratio Lower Upper
139 100
109 24.9 20.5 30.7
65 41.4 30.9 46.3

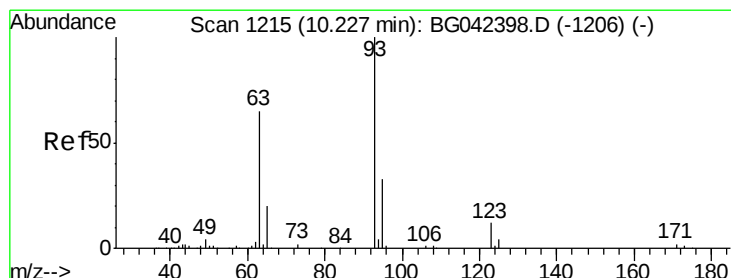
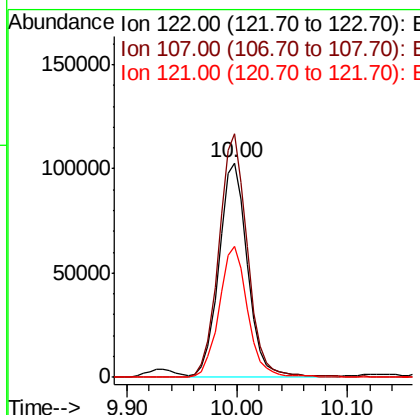
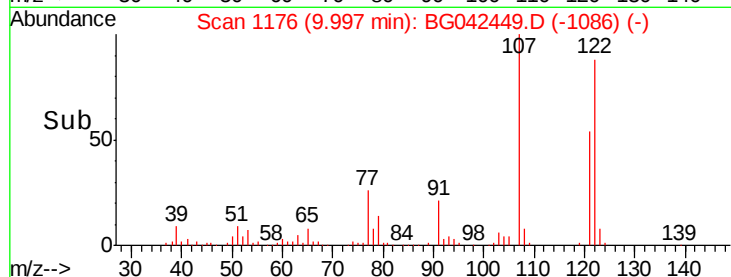
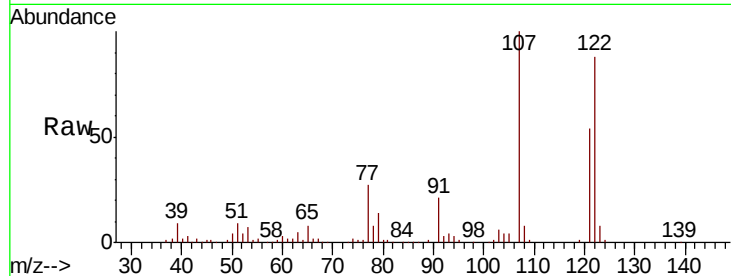




#27
2,4-Dimethylphenol
Concen: 51.549 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

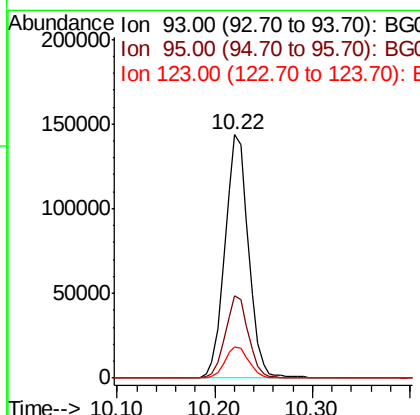
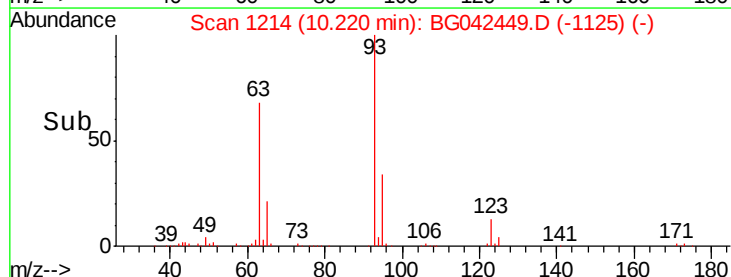
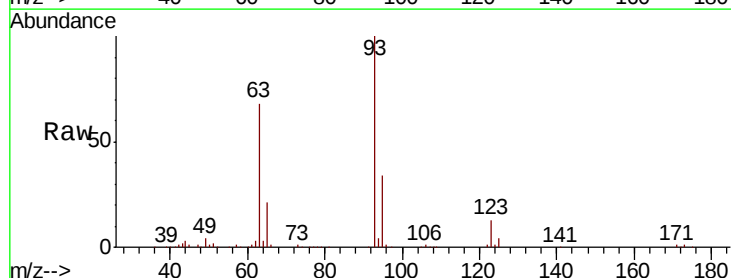
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

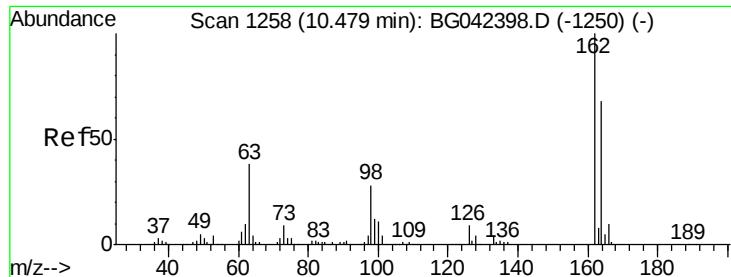
Tgt Ion: 122 Resp: 184322
Ion Ratio Lower Upper
122 100
107 113.5 90.8 136.2
121 61.1 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.267 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion: 93 Resp: 240492
Ion Ratio Lower Upper
93 100
95 33.9 26.6 40.0
123 12.9 10.1 15.1

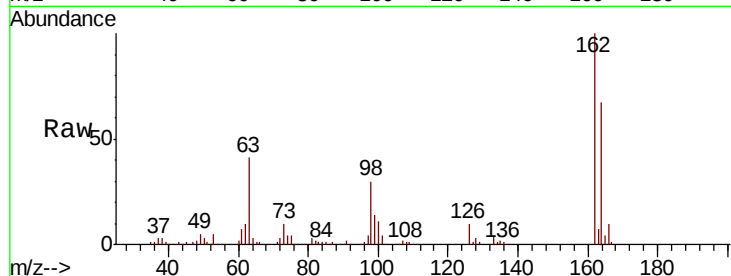




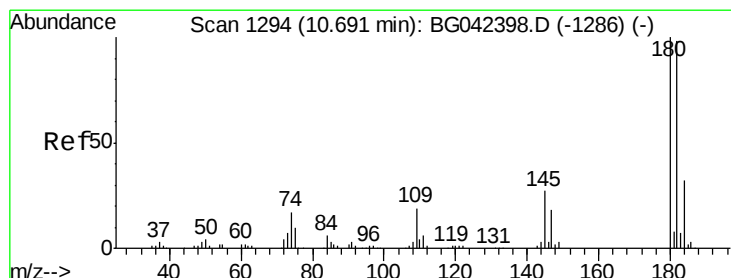
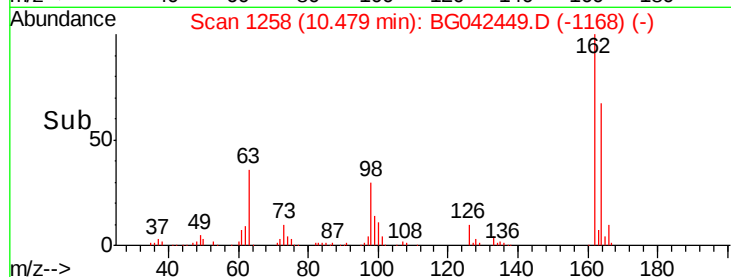
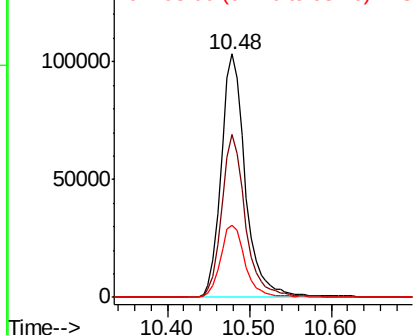
#29
 2,4-Dichlorophenol
 Concen: 45.586 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	213263		
164	67.1	48.1	88.1	
98	29.6	7.6	47.6	

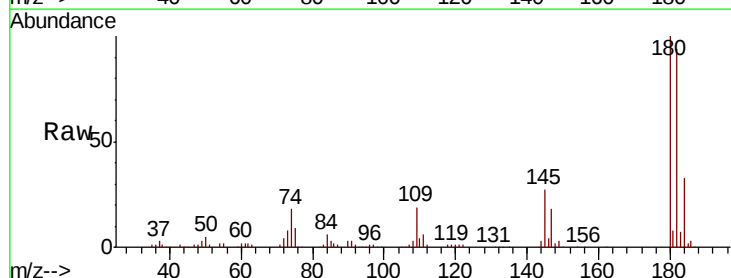


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

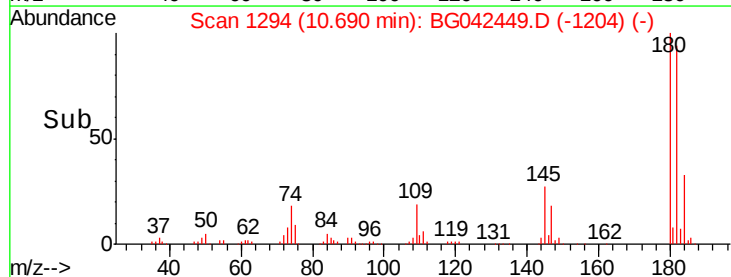
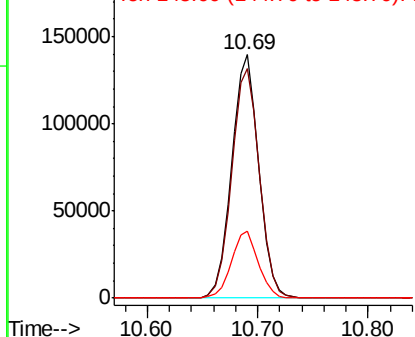


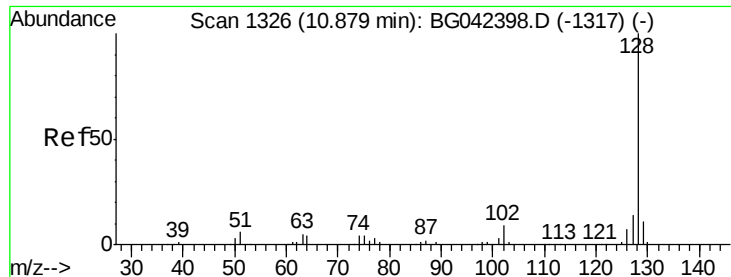
#30
 1,2,4-Trichlorobenzene
 Concen: 41.737 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	239661		
182	94.3	78.7	118.1	
145	27.3	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

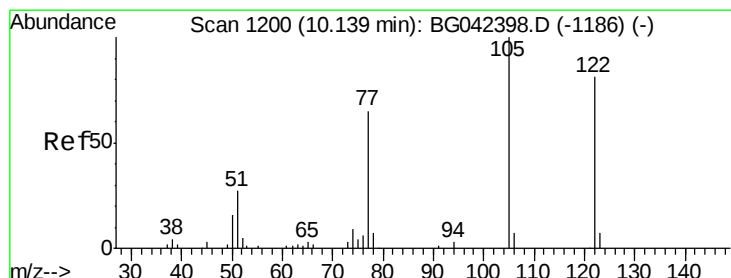
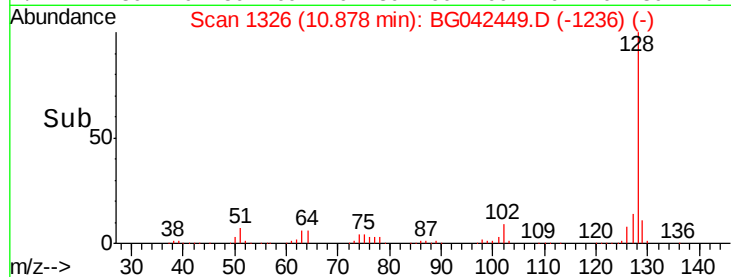
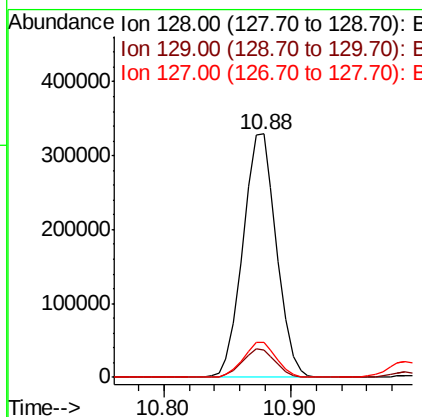
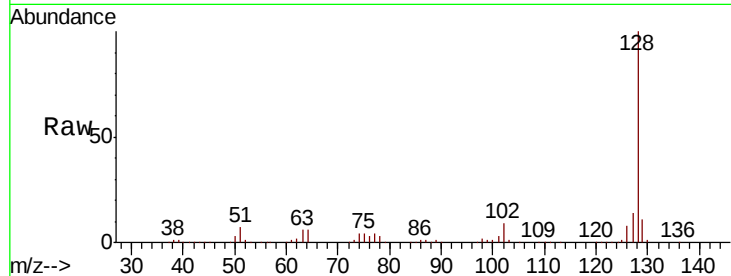




#31
Naphthalene
Concen: 46.128 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

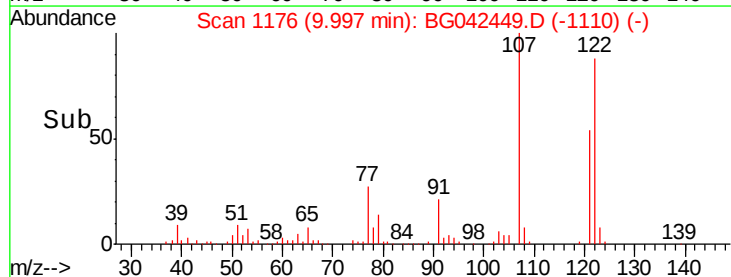
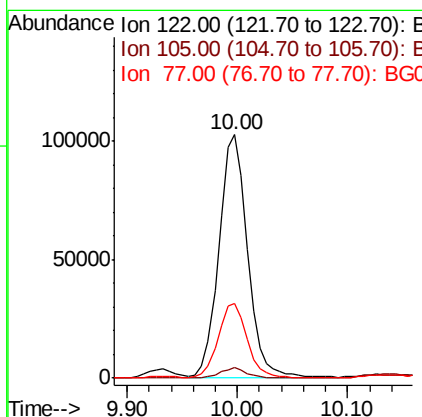
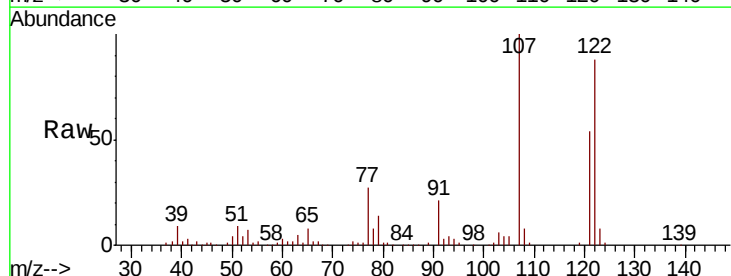
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:128 Resp: 605360
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 67.110 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.14 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion:122 Resp: 184322
Ion Ratio Lower Upper
122 100
105 4.1 99.6 139.6#
77 30.8 59.5 99.5#

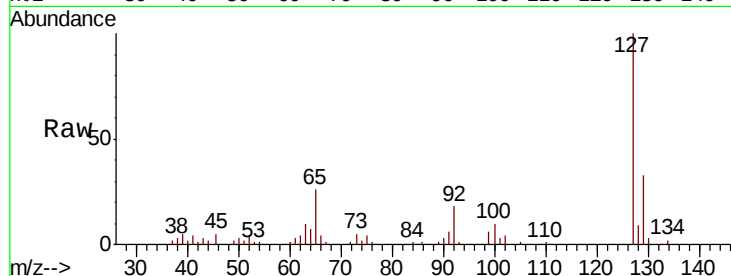




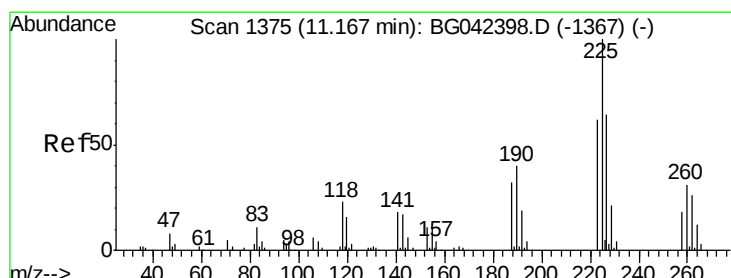
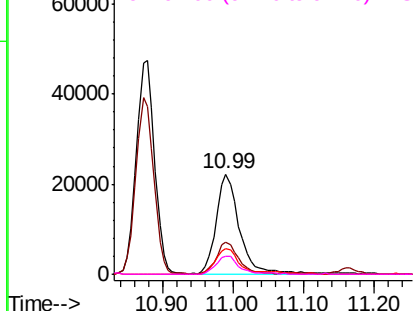
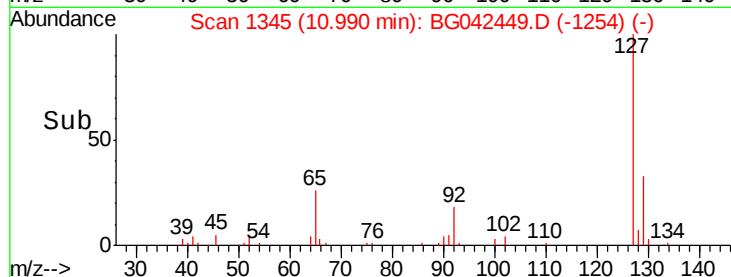
#33
4-Chloroaniline
Concen: 8.465 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:	127	Resp:	51281
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.8	40.2
65	25.6	20.7	31.1
92	17.9	13.6	20.4

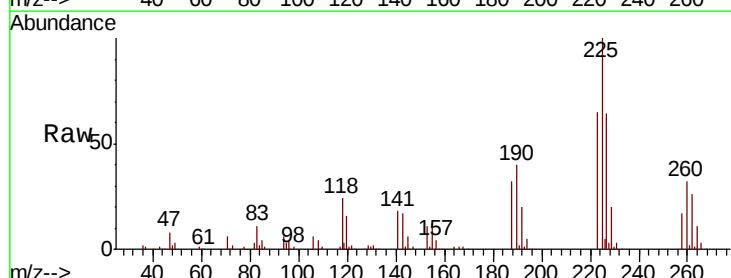


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

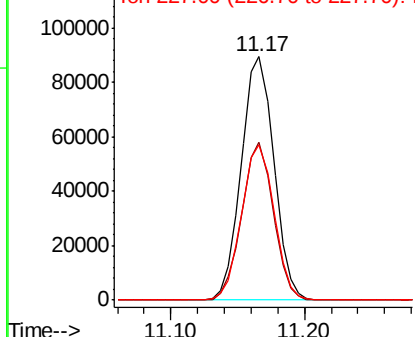
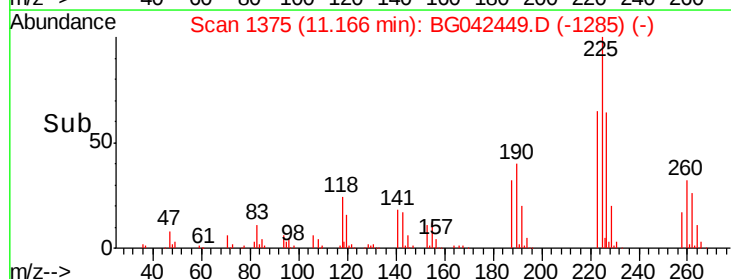


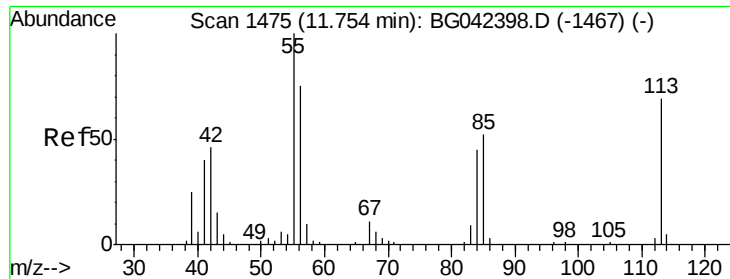
#34
Hexachlorobutadiene
Concen: 39.132 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion:	225	Resp:	151016
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.8	74.6
227	63.9	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.792 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

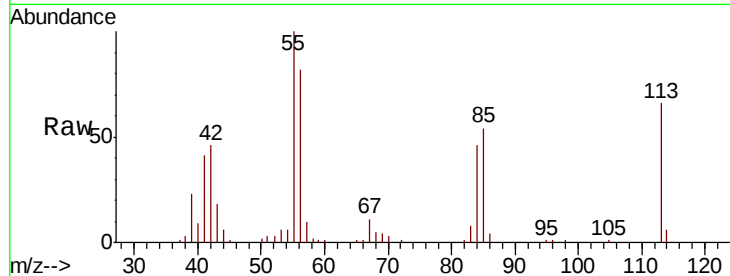
Tgt Ion:113 Resp: 34018

Ion Ratio Lower Upper

113 100

55 150.9 124.6 164.6

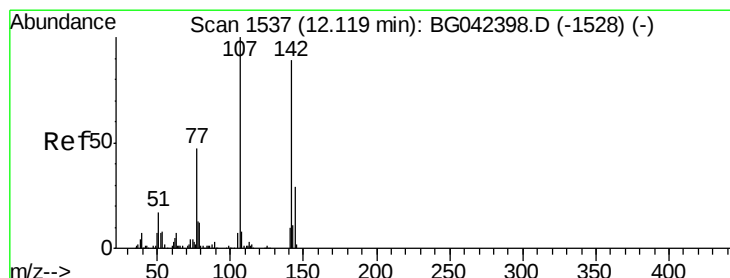
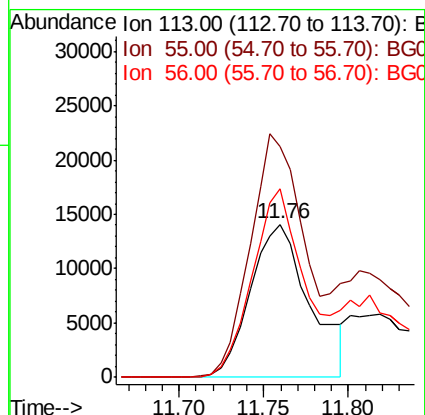
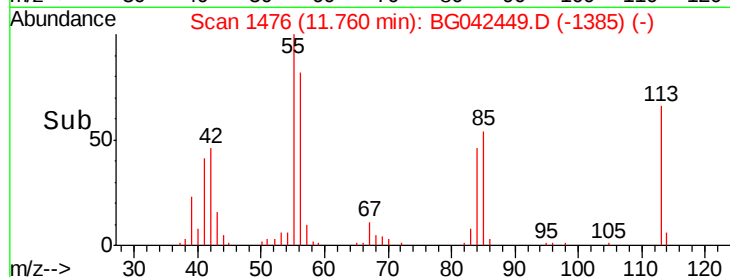
56 123.2 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.683 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

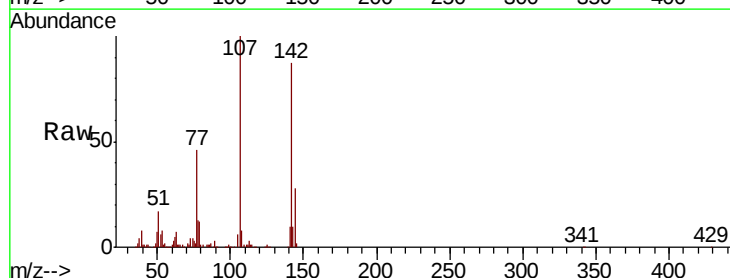
Tgt Ion:107 Resp: 202879

Ion Ratio Lower Upper

107 100

144 28.4 23.6 35.4

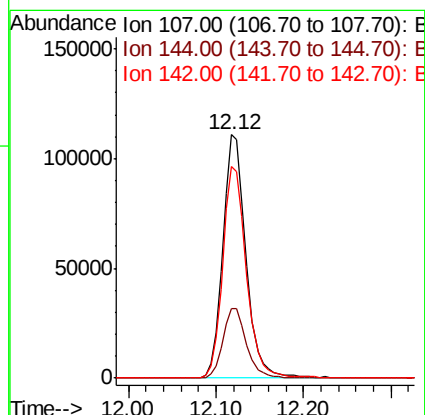
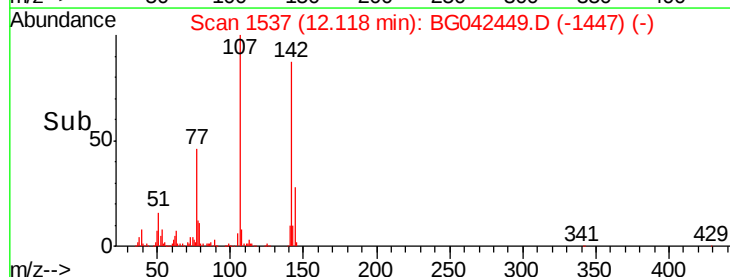
142 86.7 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

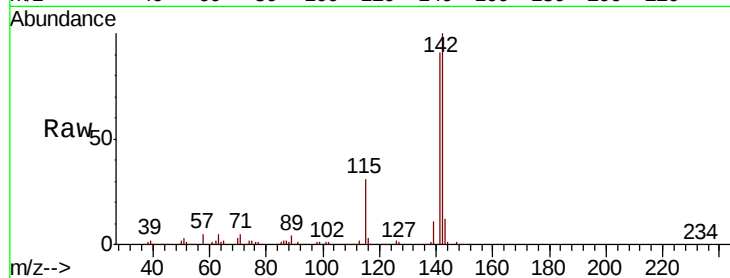




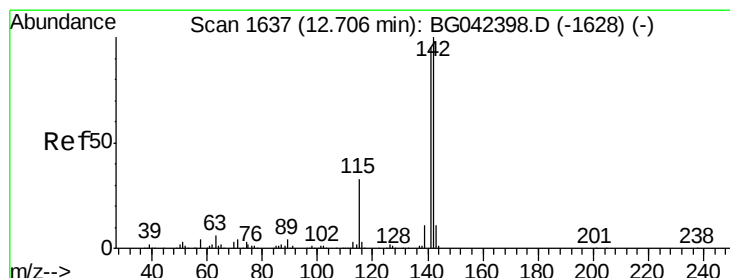
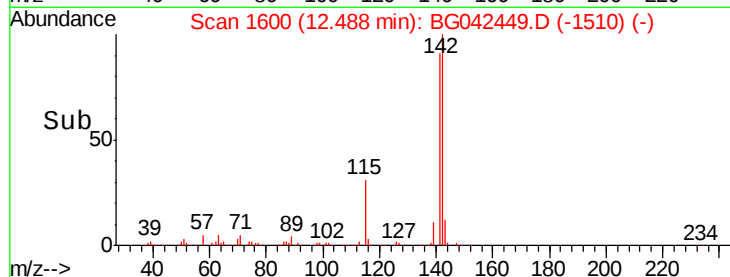
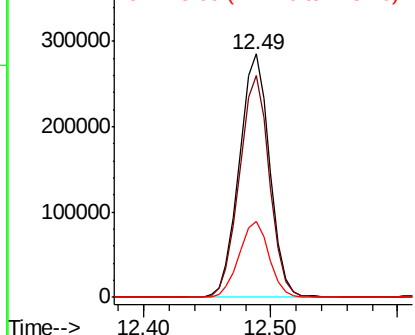
#37
 2-Methylnaphthalene
 Concen: 45.063 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion:142 Resp: 474853
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.4 107.2
 115 31.1 25.2 37.8

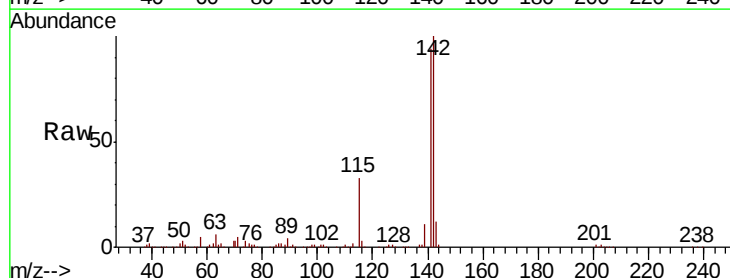


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

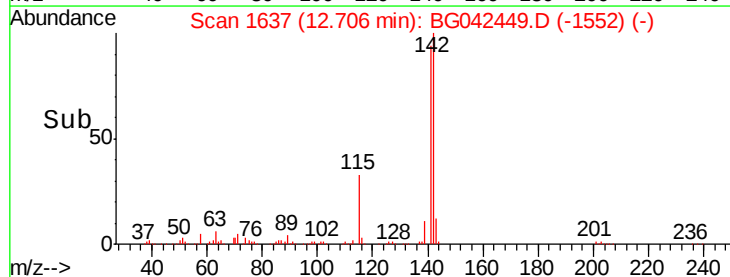
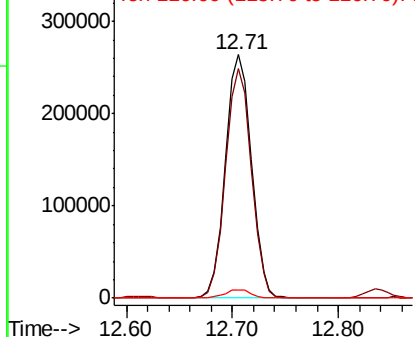


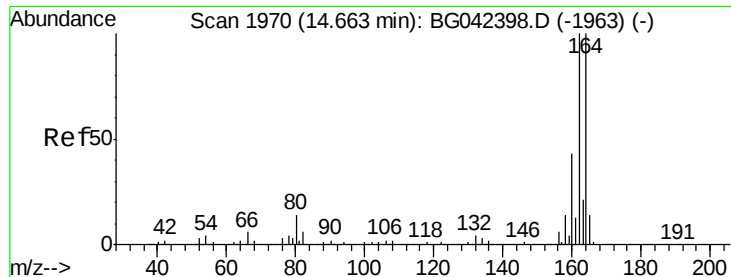
#38
 1-Methylnaphthalene
 Concen: 44.728 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion:142 Resp: 447698
 Ion Ratio Lower Upper
 142 100
 141 94.1 76.2 114.2
 116 3.3 2.8 4.2



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: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

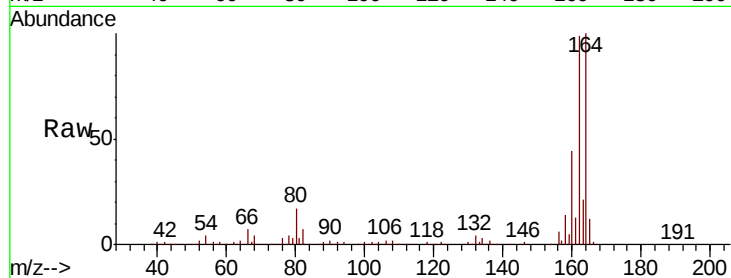
Tgt Ion:164 Resp: 201443

Ion Ratio Lower Upper

164 100

162 98.9 79.9 119.9

160 43.8 34.3 51.5

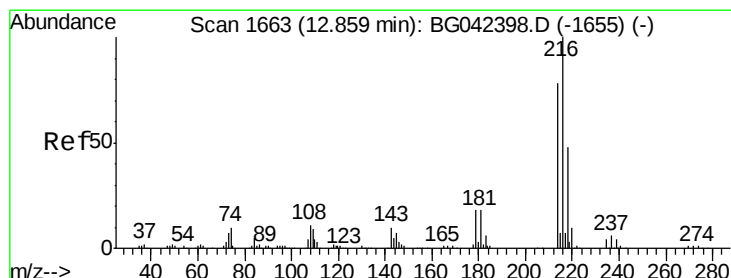
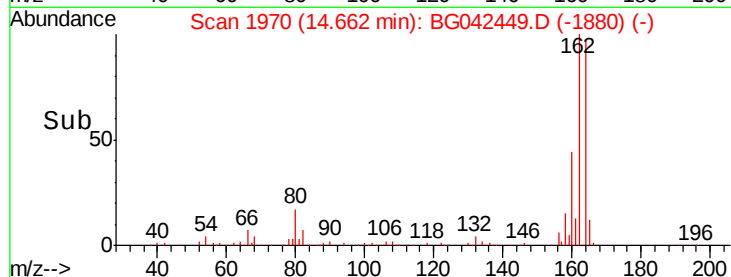
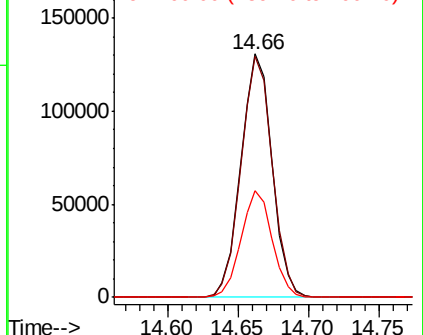


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.066 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:216 Resp: 285068

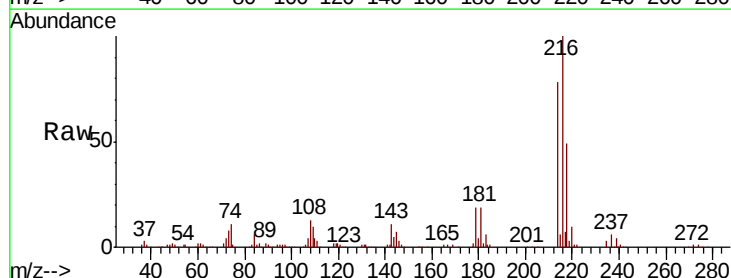
Ion Ratio Lower Upper

216 100

214 76.9 61.4 92.2

179 19.5 15.1 22.7

108 13.6 9.4 14.0



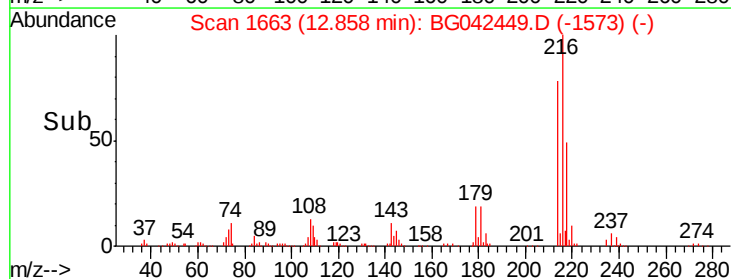
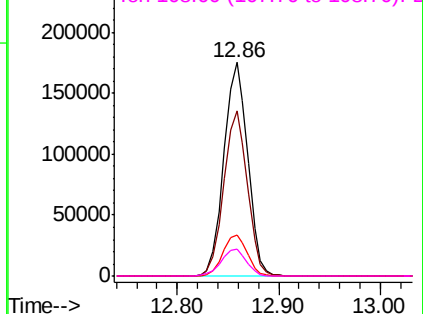
Abundance

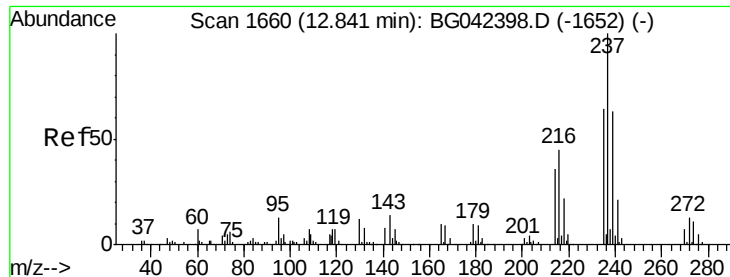
Ion 216.00 (215.70 to 216.70): E

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: 44.880 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

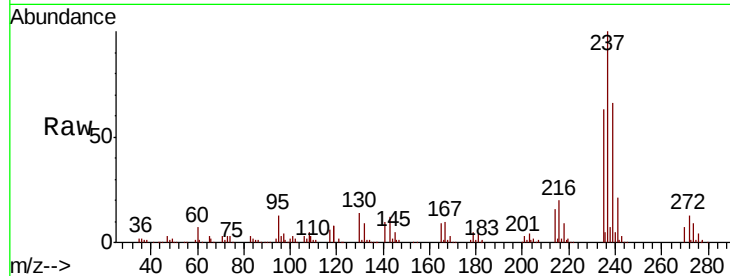
Tgt Ion: 237 Resp: 152507

Ion Ratio Lower Upper

237 100

235 63.5 43.7 83.7

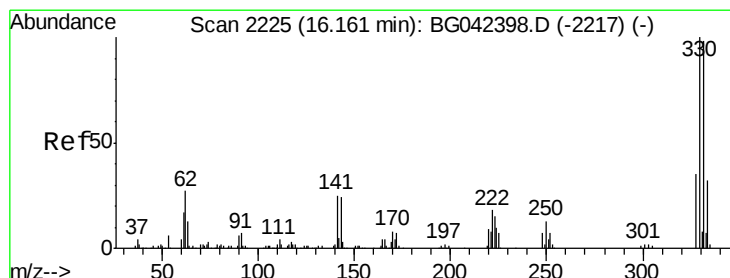
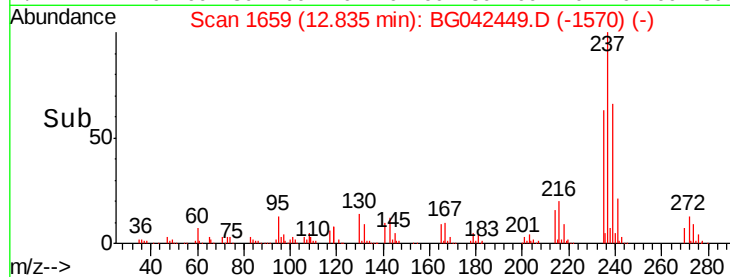
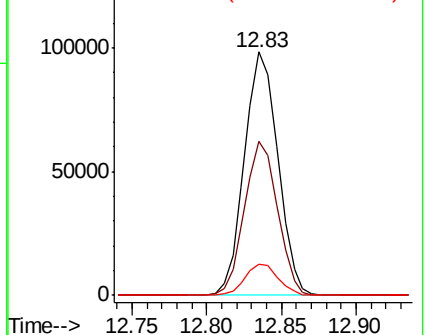
272 12.8 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.739 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

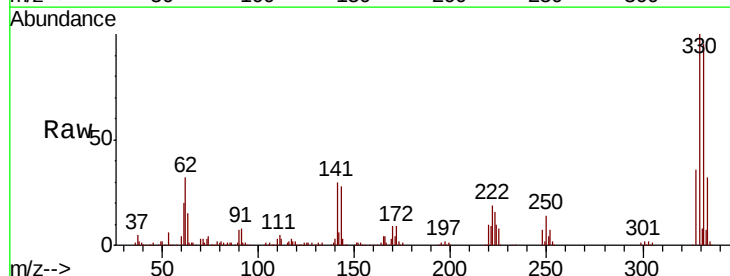
Tgt Ion: 330 Resp: 328518

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

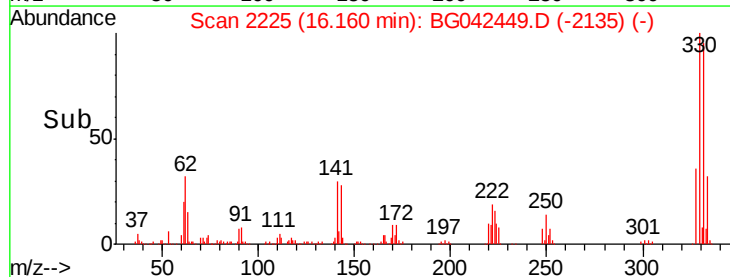
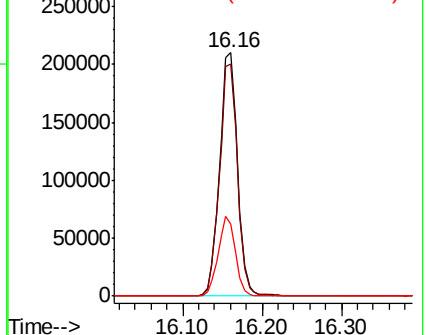
141 31.7 21.4 32.0



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

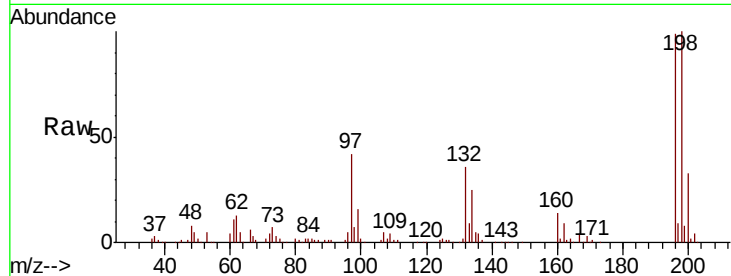




#43
 2,4,6-Trichlorophenol
 Concen: 42.181 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	80.7	121.1
200	33.5	25.7	38.5

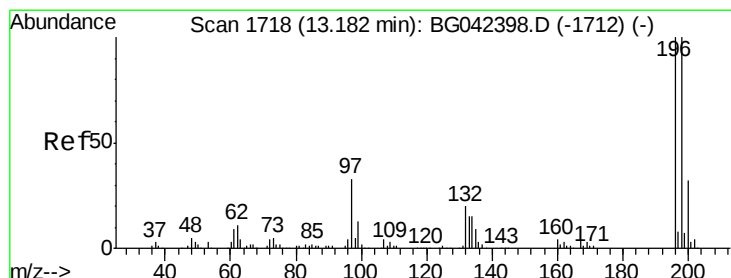
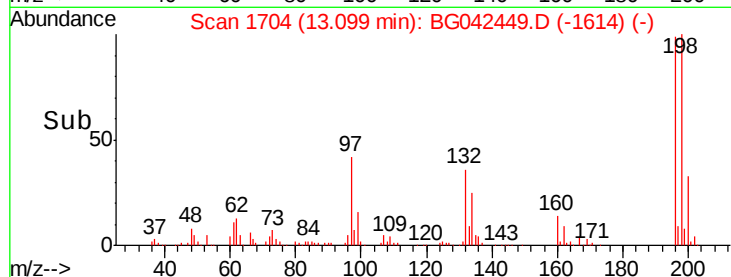
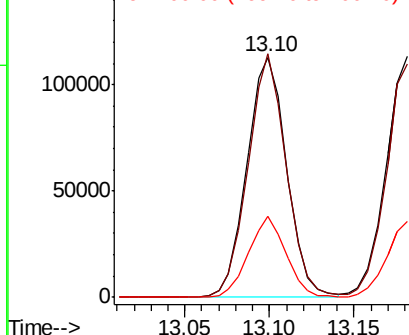


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.553 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	80.2	120.4
97	35.9	26.3	39.5
132	22.6	16.6	24.8

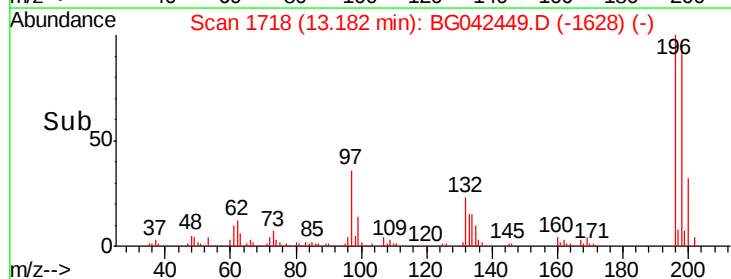
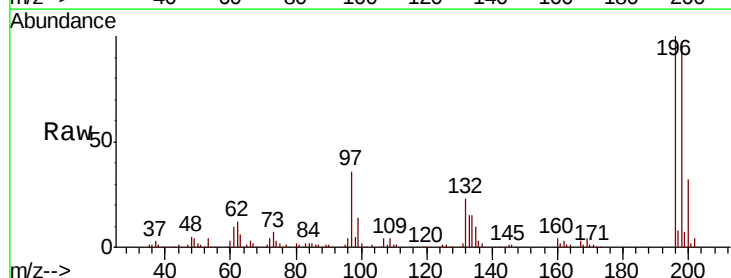
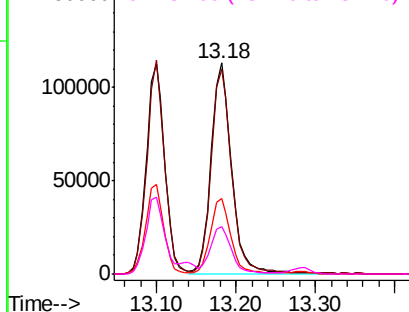
Abundance

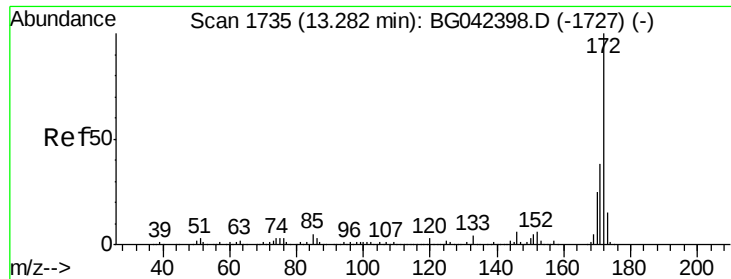
Ion 196.00 (195.70 to 196.70): E

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

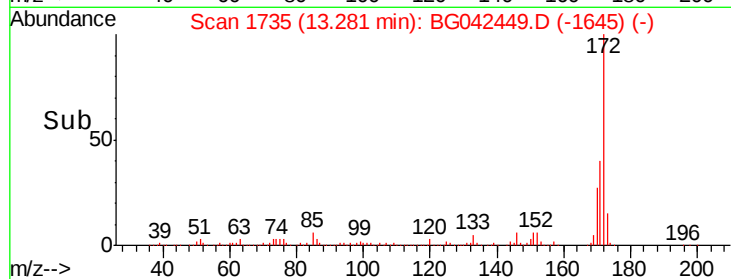
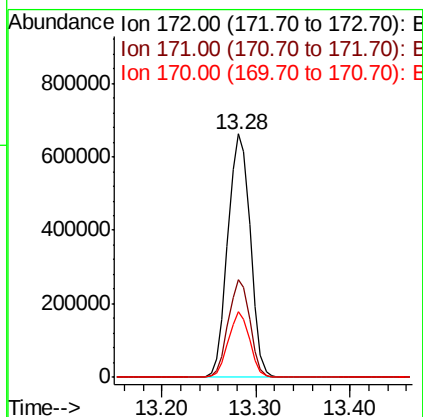
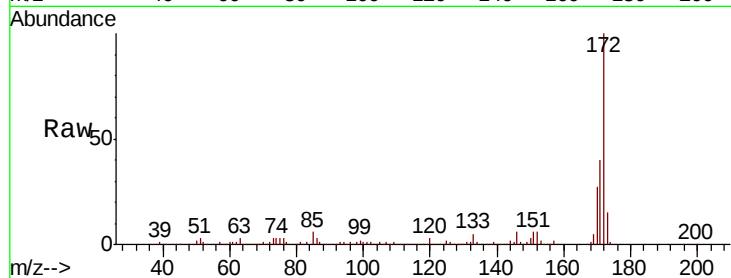




#45
 2-Fluorobiphenyl
 Concen: 92.135 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

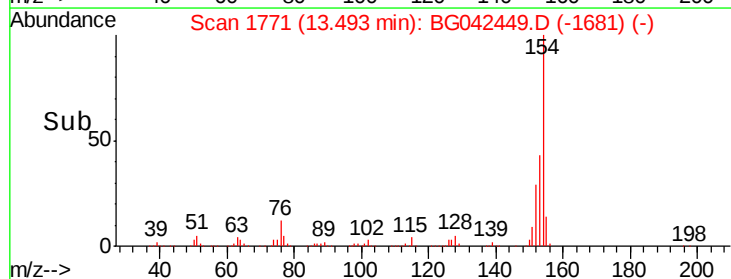
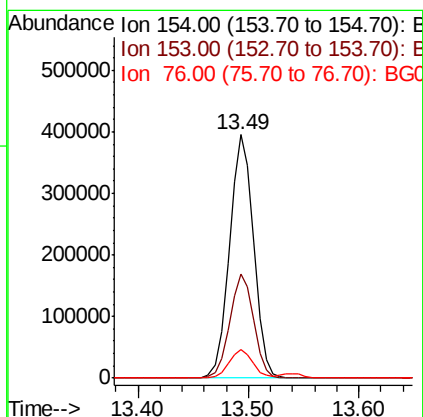
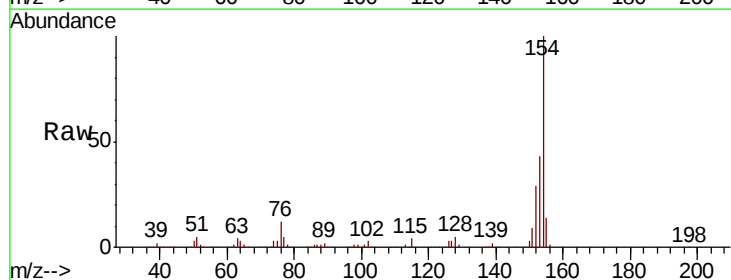
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

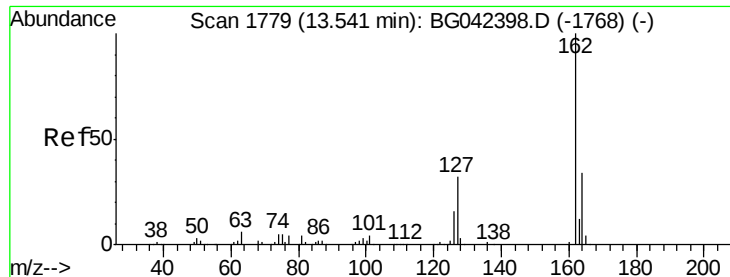
Tgt Ion:172 Resp: 1097383
 Ion Ratio Lower Upper
 172 100
 171 40.3 30.5 45.7
 170 27.0 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 46.356 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion:154 Resp: 603628
 Ion Ratio Lower Upper
 154 100
 153 43.0 23.0 63.0
 76 11.6 0.0 29.6

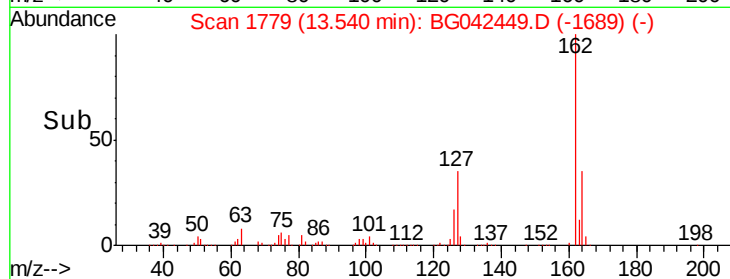
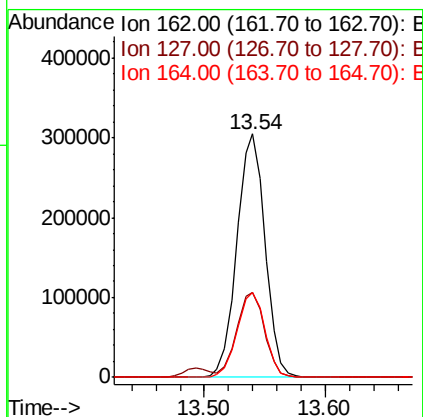
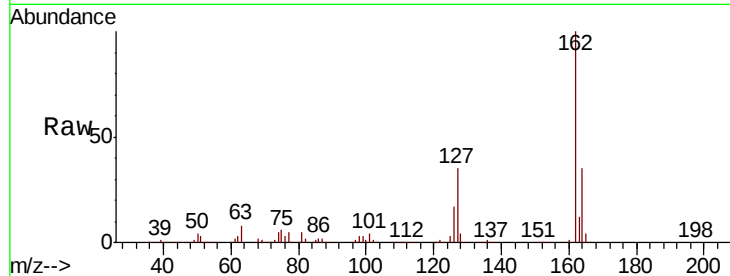




#47
2-Chloronaphthalene
Concen: 44.050 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

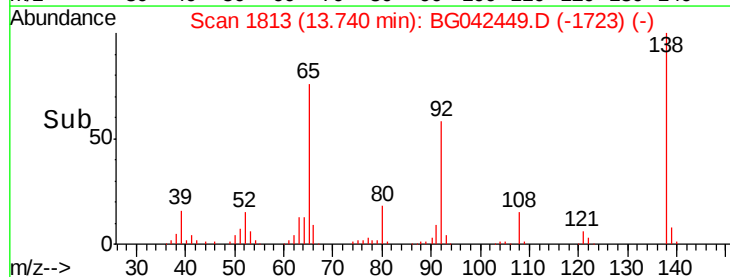
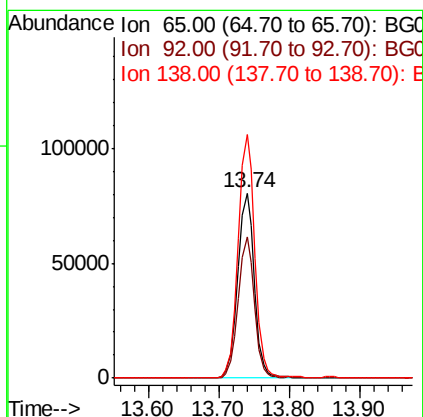
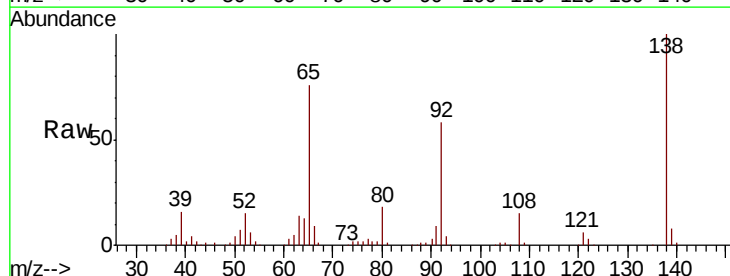
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

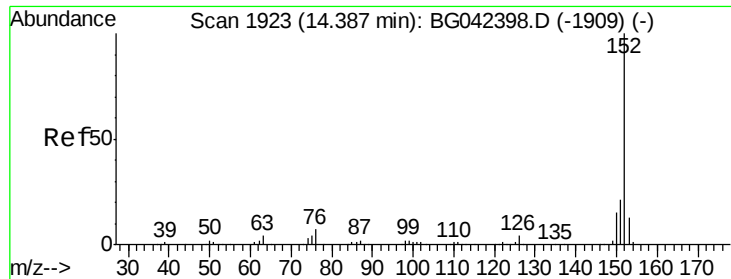
Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	26.0	39.0
164	34.9	27.4	41.0



#48
2-Nitroaniline
Concen: 48.870 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	61.8	92.6
138	131.8	111.0	166.6





#49

Acenaphthylene

Concen: 46.687 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

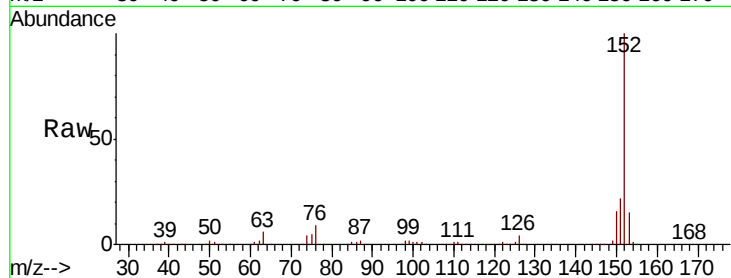
Tgt Ion:152 Resp: 788630

Ion Ratio Lower Upper

152 100

151 22.2 17.0 25.4

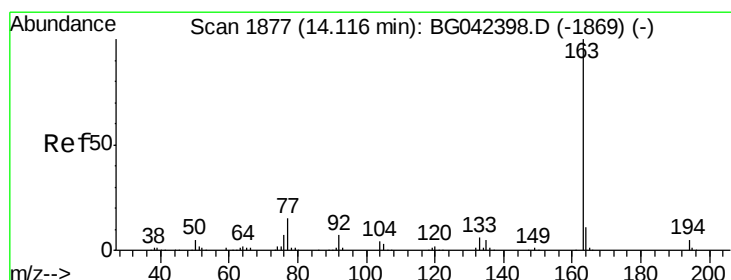
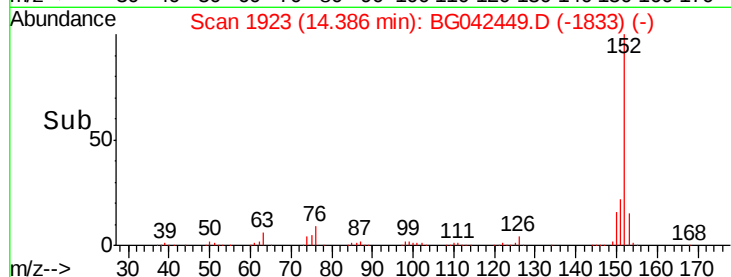
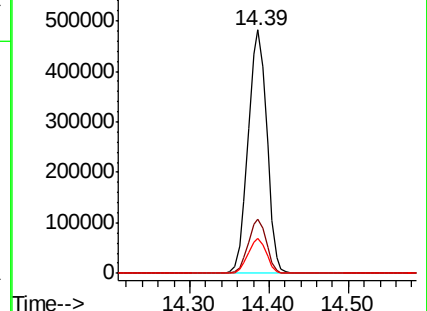
153 14.5 10.6 16.0



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: 44.413 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

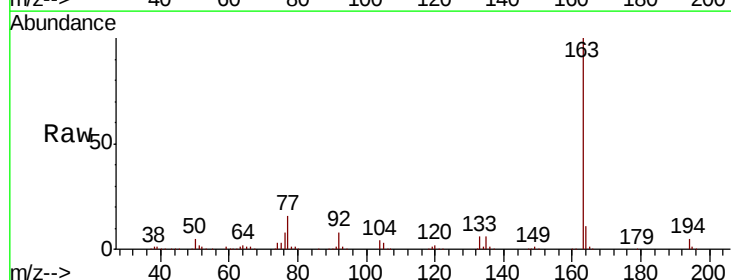
Tgt Ion:163 Resp: 645535

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

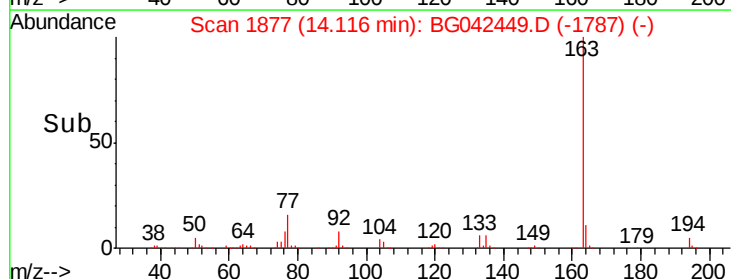
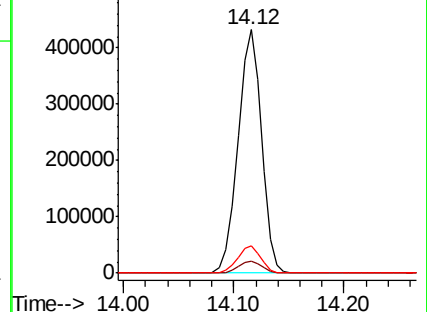
164 11.0 8.8 13.2

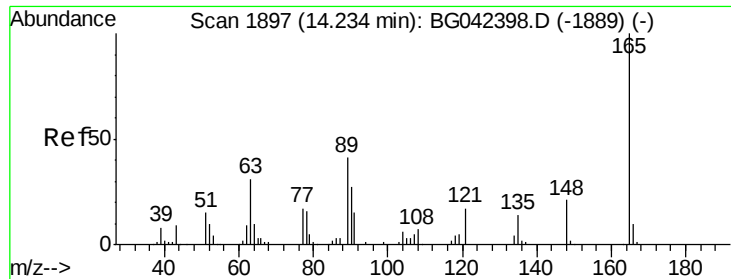


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

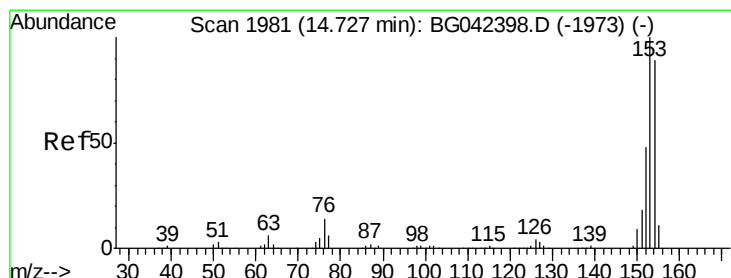
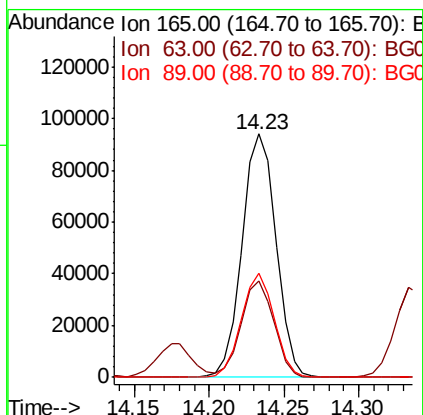
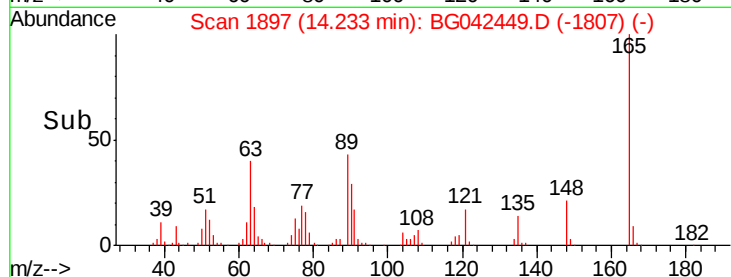
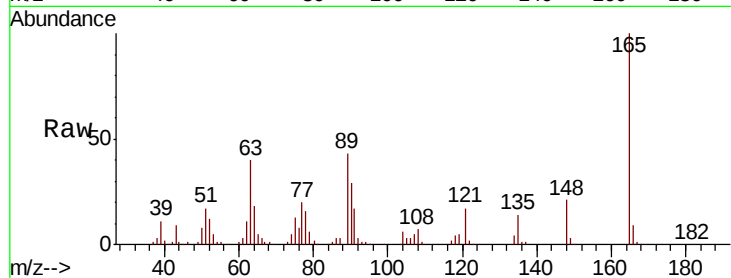




#51
2,6-Dinitrotoluene
Concen: 43.771 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

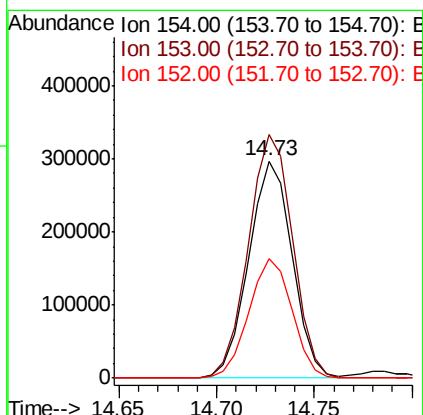
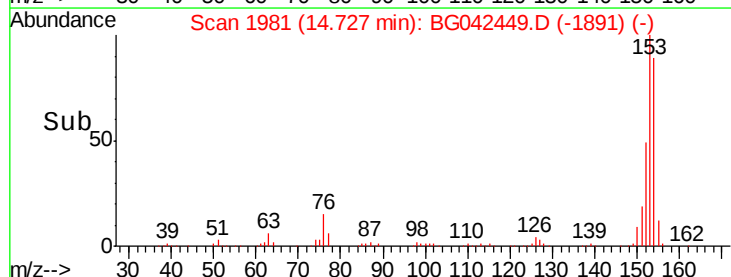
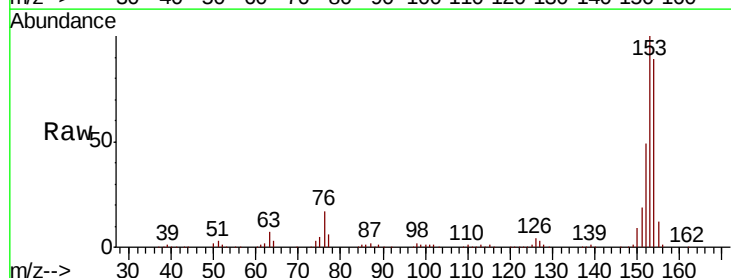
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.8	30.6	45.8
89	42.6	32.6	49.0



#52
Acenaphthene
Concen: 44.795 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.2	135.4
152	55.1	43.2	64.8

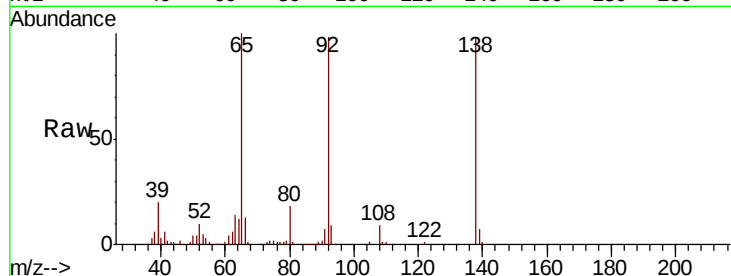




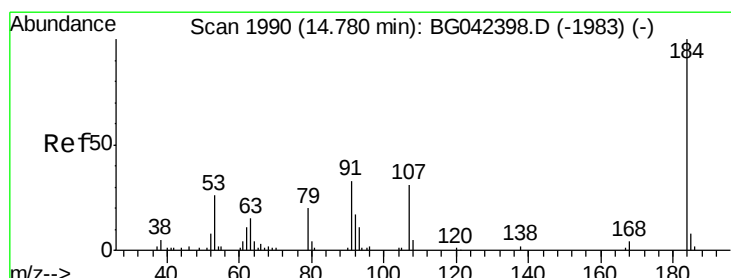
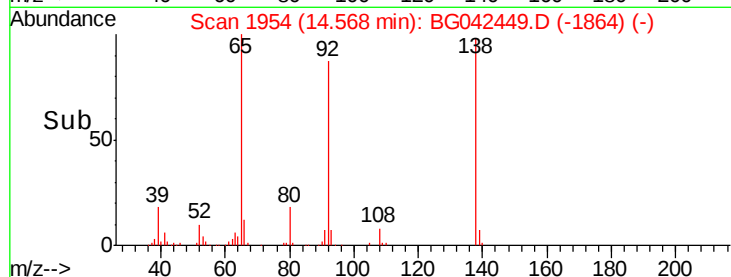
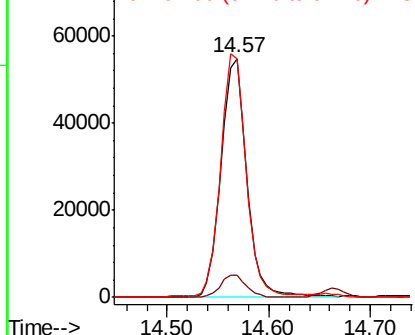
#53
3-Nitroaniline
Concen: 28.868 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:138 Resp: 97268
Ion Ratio Lower Upper
138 100
108 9.1 8.3 12.5
92 100.2 78.2 117.4

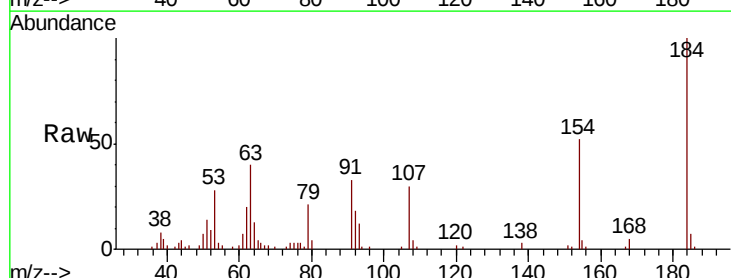


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

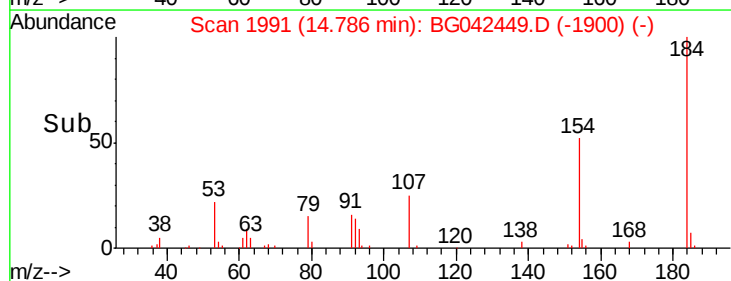
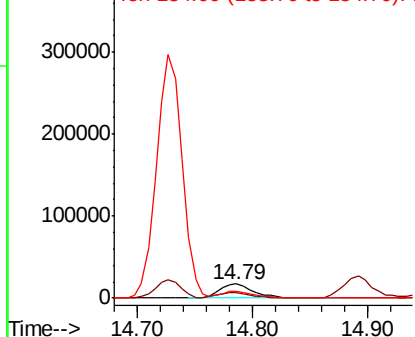


#54
2,4-Dinitrophenol
Concen: 20.855 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion:184 Resp: 35958
Ion Ratio Lower Upper
184 100
63 40.5 31.7 47.5
154 52.5 42.0 63.0



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





#55

Dibenzenofuran

Concen: 45.073 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

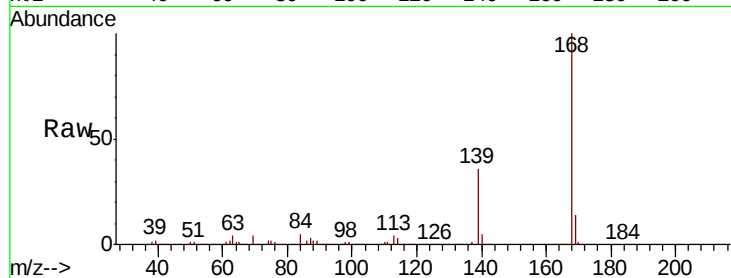
Tgt Ion:168 Resp: 765274

Ion Ratio Lower Upper

168 100

139 36.2 27.2 40.8

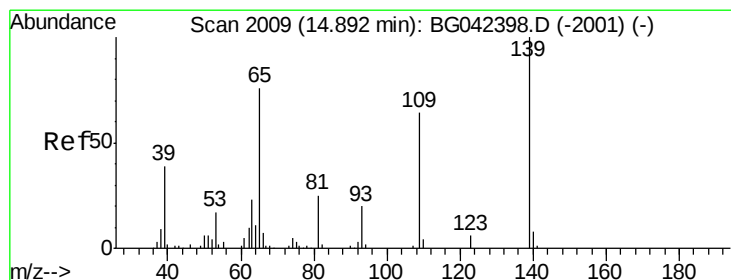
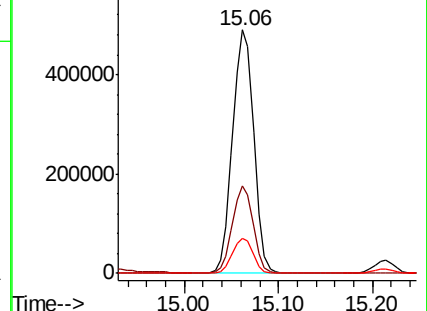
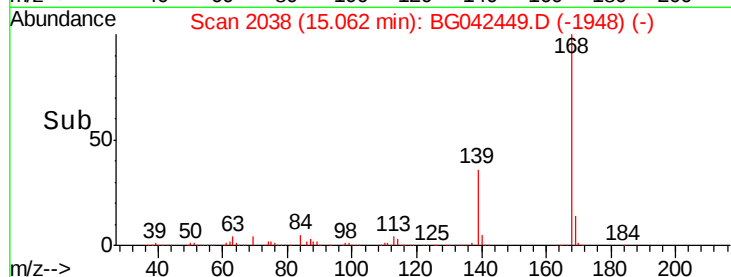
169 14.5 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.653 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

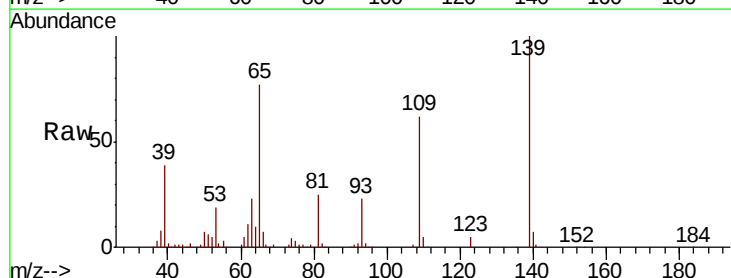
Tgt Ion:139 Resp: 226618

Ion Ratio Lower Upper

139 100

109 62.2 43.9 83.9

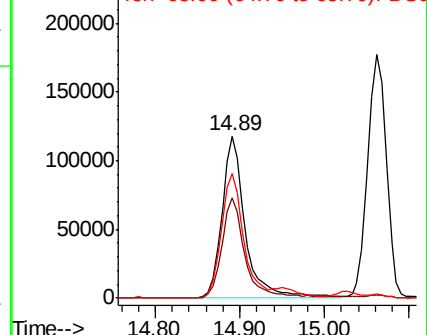
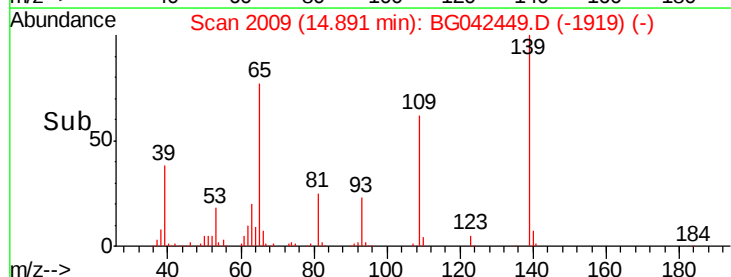
65 76.9 56.3 96.3

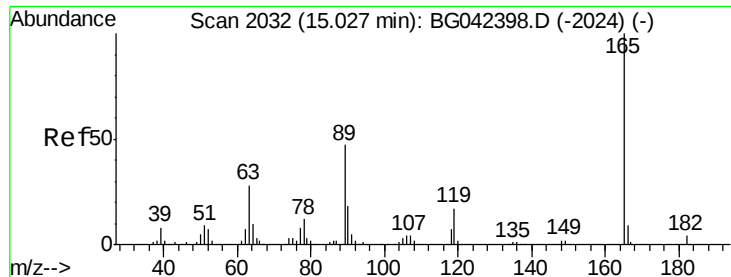


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

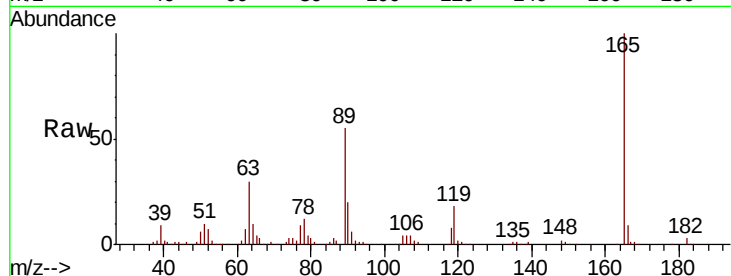




#57
 2,4-Dinitrotoluene
 Concen: 42.744 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion:	165	Resp:	206214
Ion	Ratio	Lower	Upper
165	100		
63	30.1	22.5	33.7
89	55.4	37.8	56.6
182	3.2	3.0	4.4



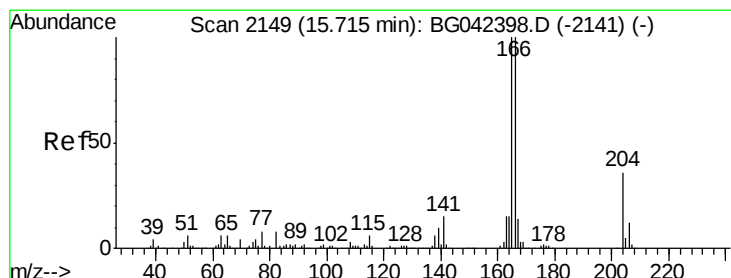
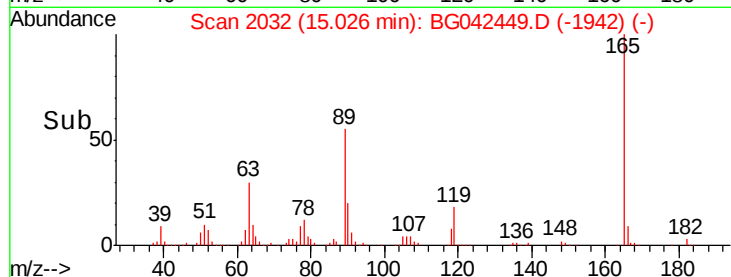
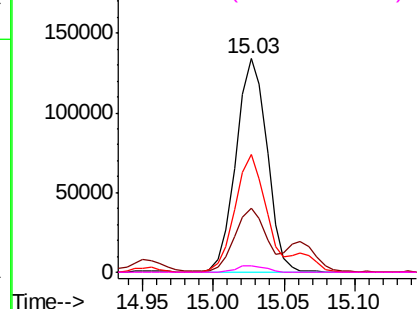
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

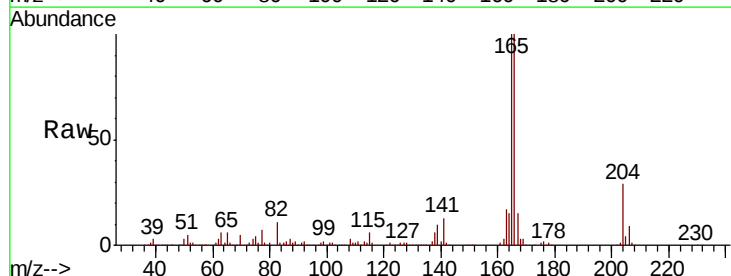
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.164 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion:	166	Resp:	612948
Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.7	119.5
167	15.2	10.9	16.3

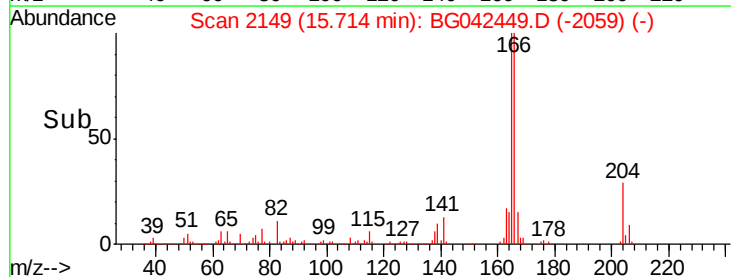
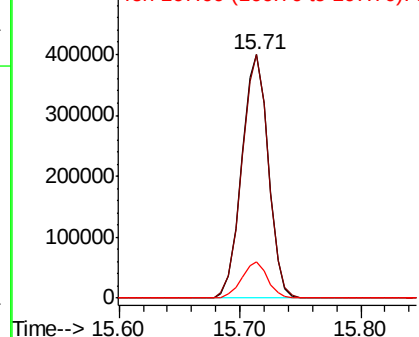


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

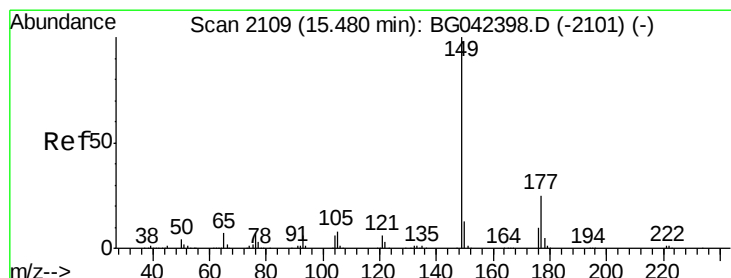
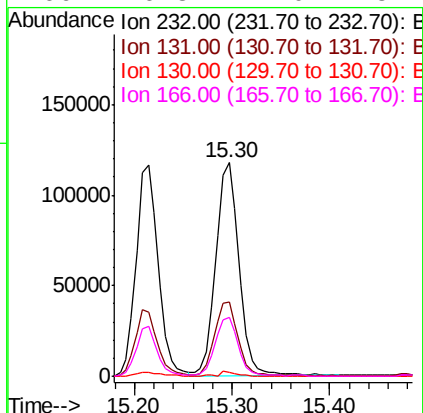
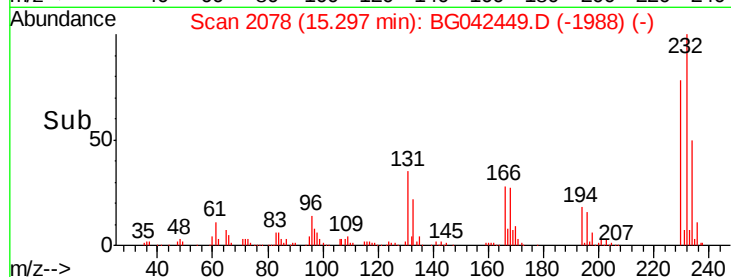
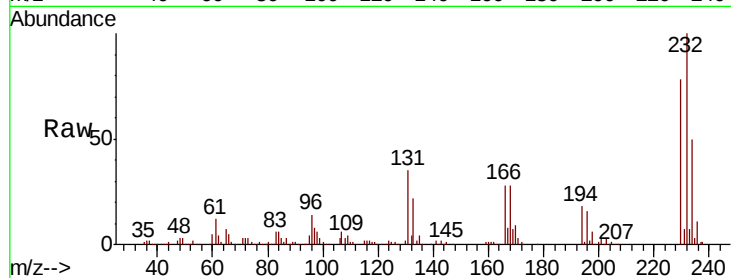




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.339 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

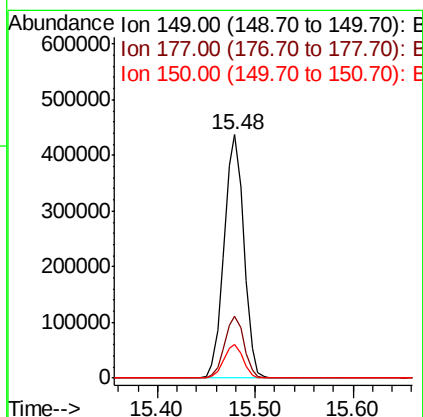
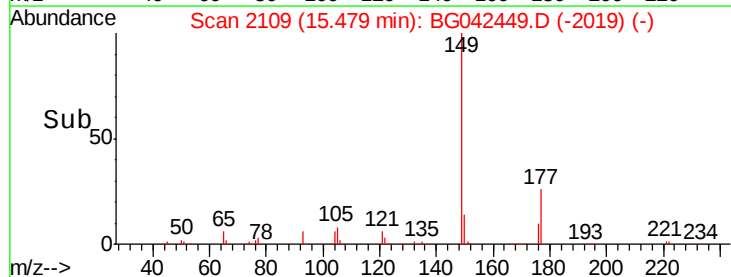
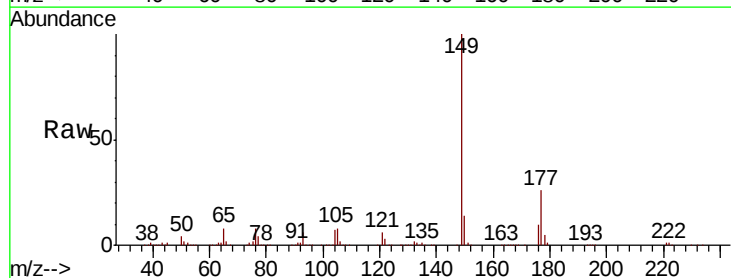
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion:	232	Resp:	194205
Ion	Ratio	Lower	Upper
232	100		
131	34.6	22.9	34.3#
130	1.7	1.4	2.0
166	26.8	17.0	25.4#



#60
 Diethylphthalate
 Concen: 43.076 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion:	149	Resp:	612055
Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.4	30.6
150	13.7	10.3	15.5

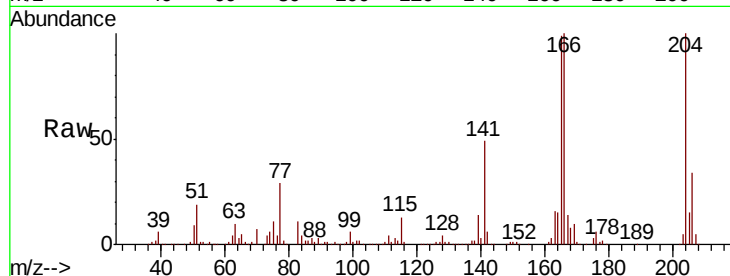




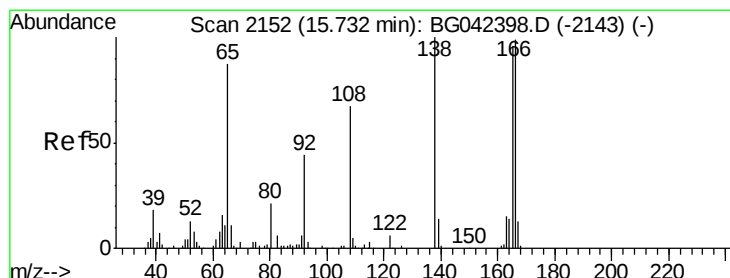
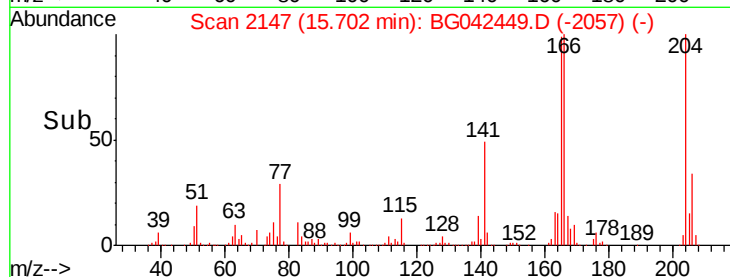
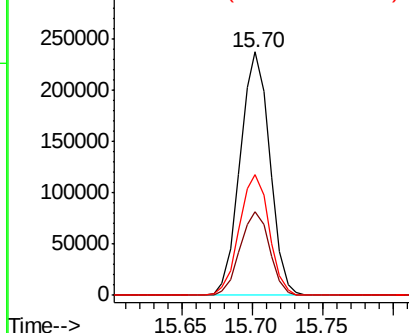
#61
 4-Chlorophenyl-phenylether
 Concen: 41.589 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion: 204 Resp: 347949
 Ion Ratio Lower Upper
 204 100
 206 34.4 27.2 40.8
 141 49.5 38.7 58.1

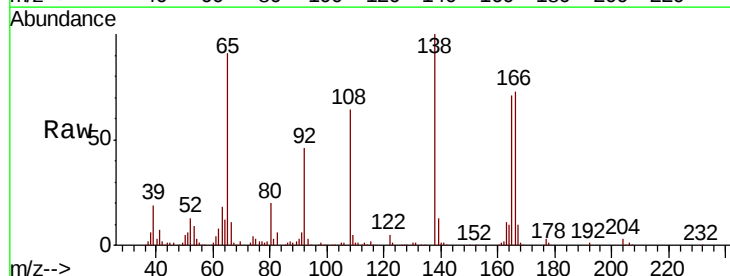


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

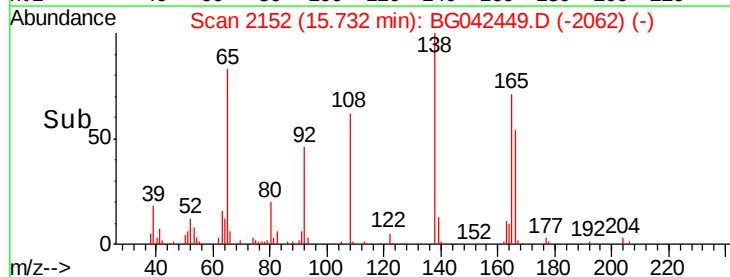
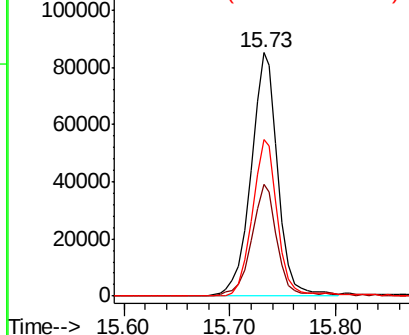


#62
 4-Nitroaniline
 Concen: 41.681 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion: 138 Resp: 150304
 Ion Ratio Lower Upper
 138 100
 92 46.1 24.2 64.2
 108 64.4 46.8 86.8



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

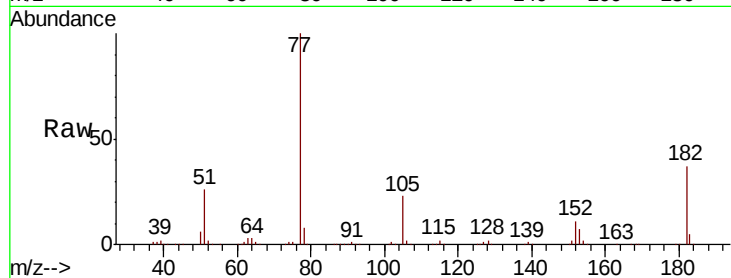




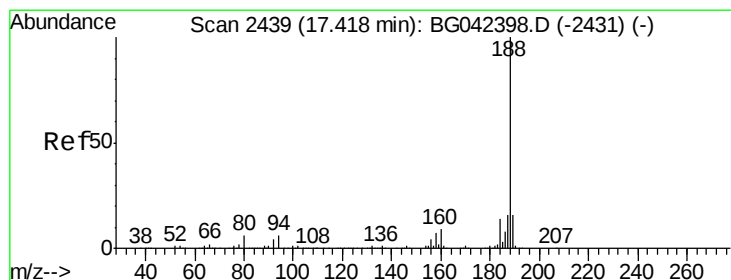
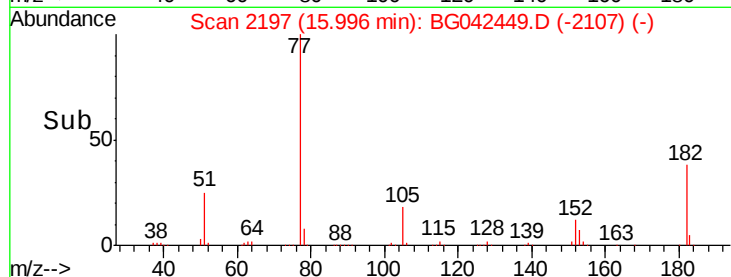
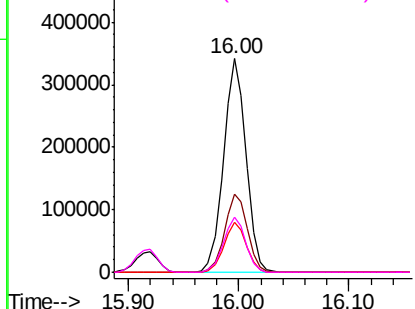
#63
Azobenzene
Concen: 49.560 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	36.7	19.9	59.9
105	23.3	2.9	42.9
51	25.6	7.6	47.6

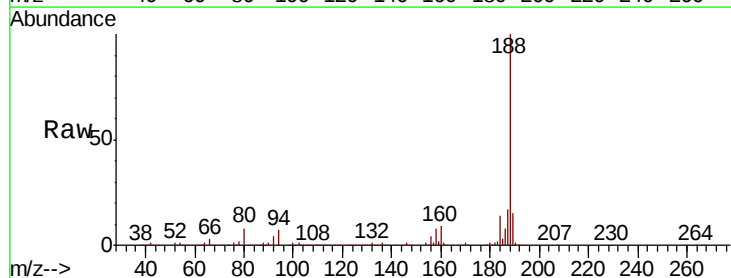


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

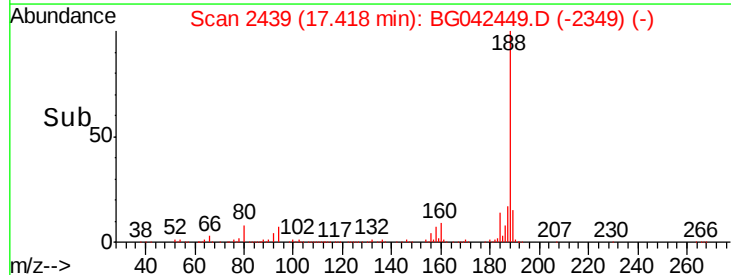
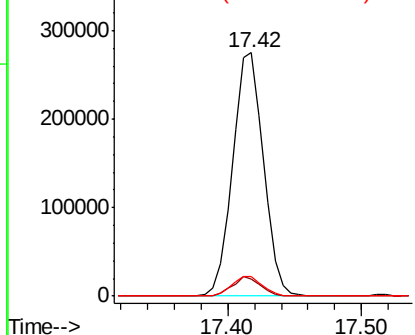


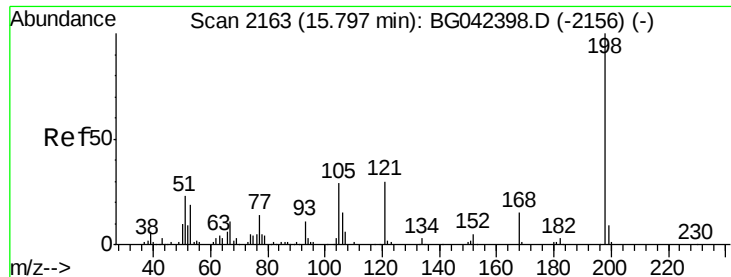
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.5	6.7#
80	8.1	4.9	7.3#



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

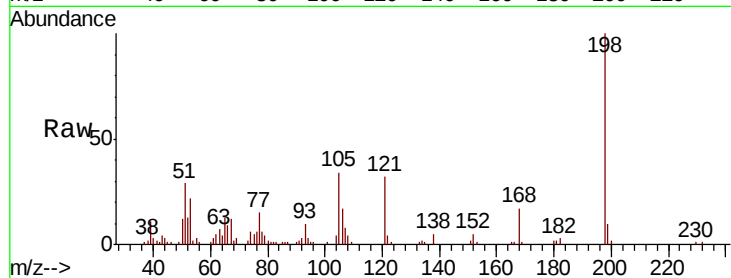




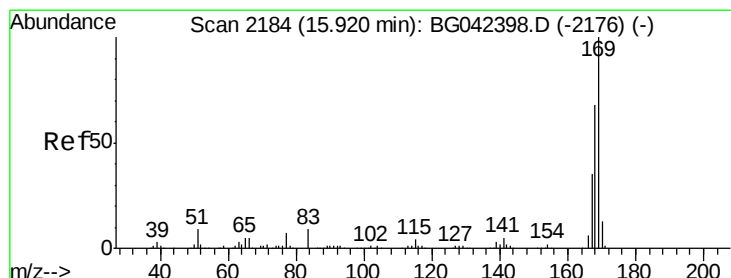
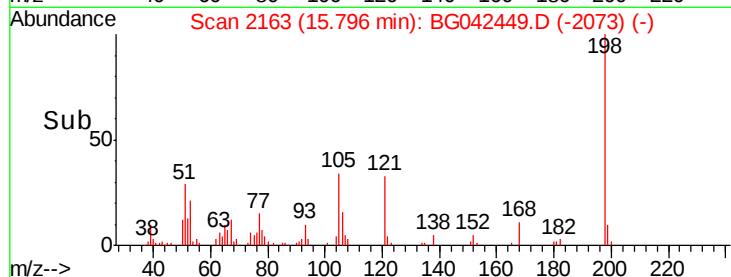
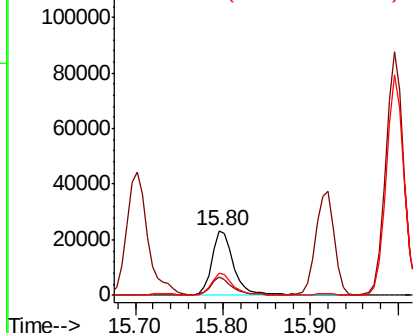
#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.819 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.0	4.2	44.2
105	33.9	8.8	48.8

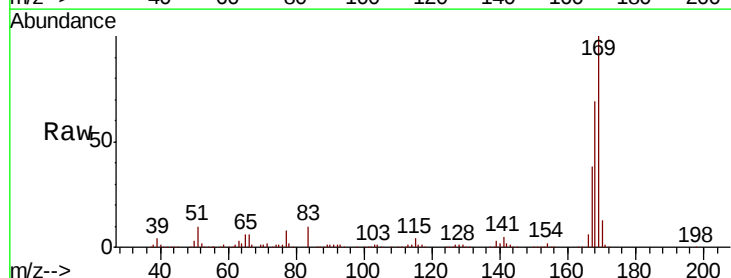


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

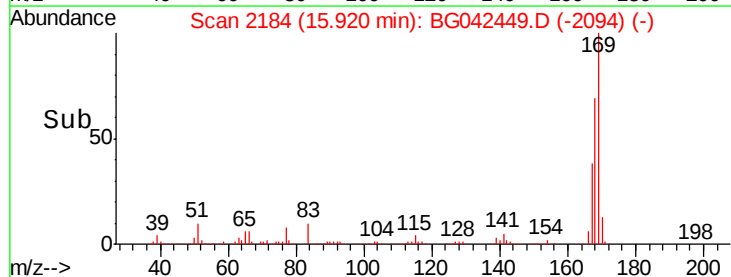
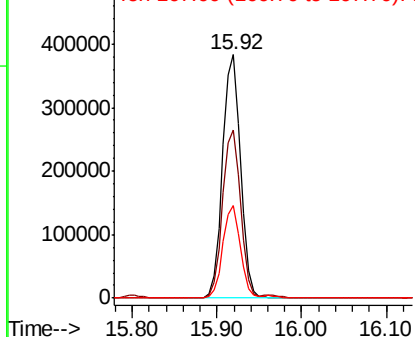


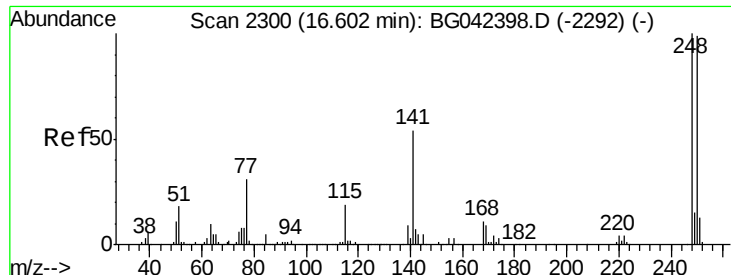
#66
 n-Nitrosodiphenylamine
 Concen: 46.885 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.3	81.5
167	37.9	28.2	42.2



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

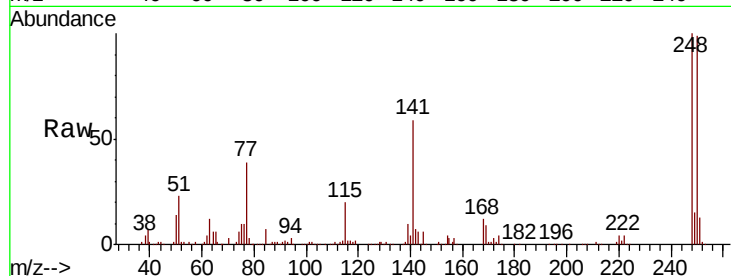




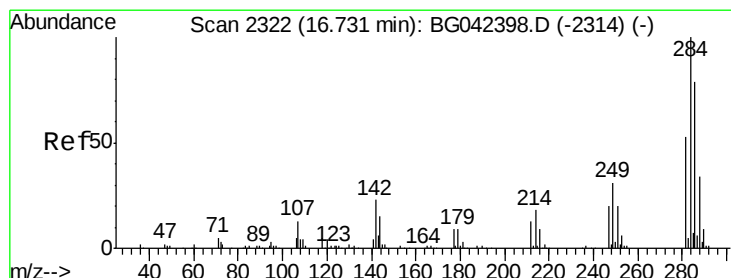
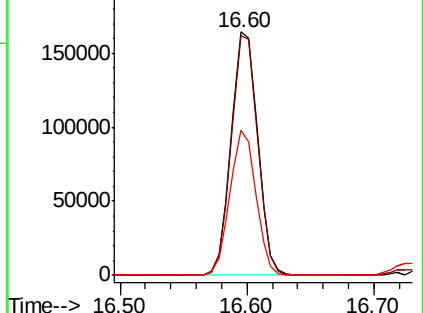
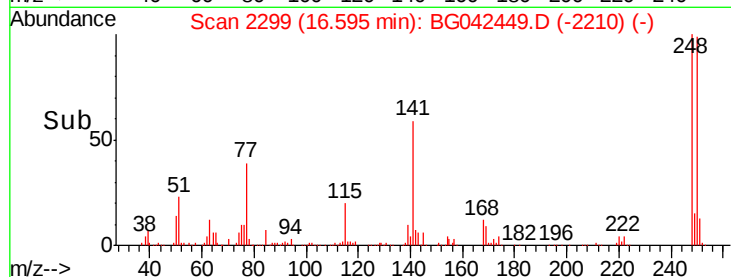
#67
 4-Bromophenyl-phenylether
 Concen: 42.609 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.9	118.3
141	59.3	43.3	64.9

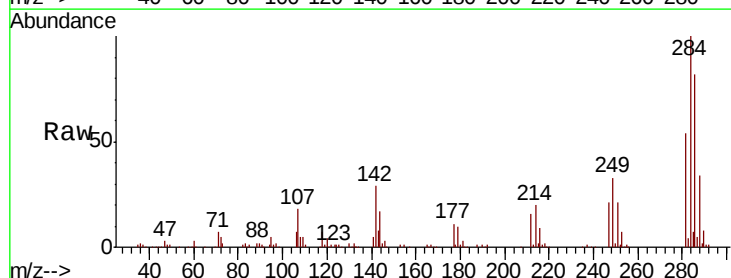


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

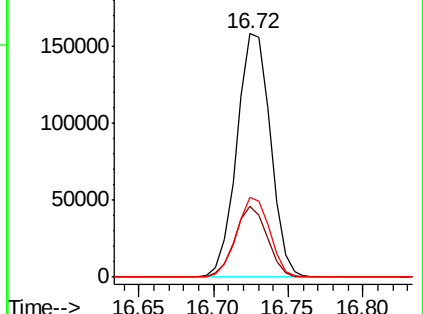
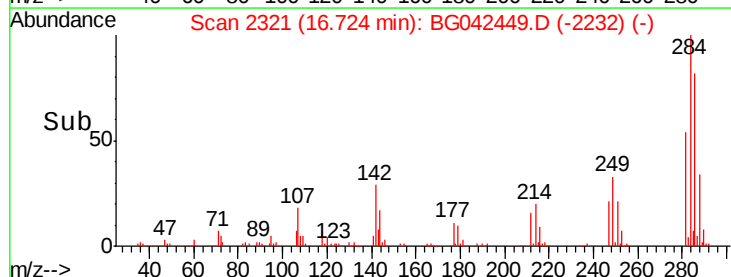


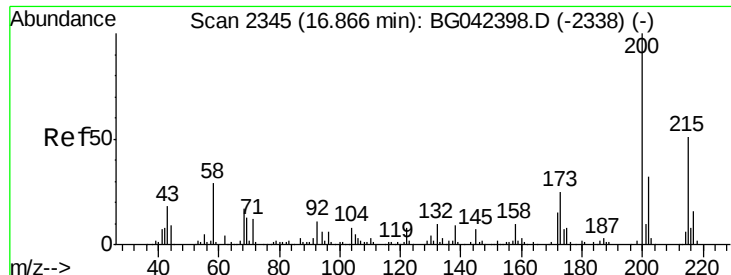
#68
 Hexachlorobenzene
 Concen: 40.725 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	18.2	27.4#
249	32.6	25.0	37.4



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: 49.642 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

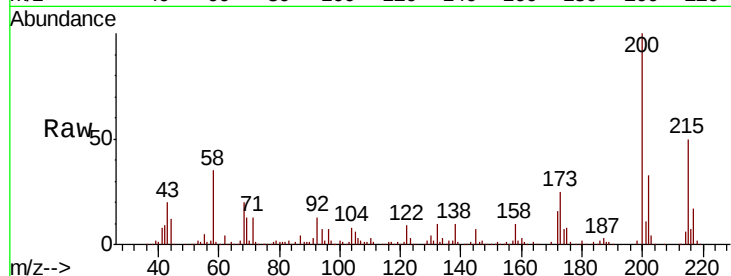
Tgt Ion:200 Resp: 211920

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

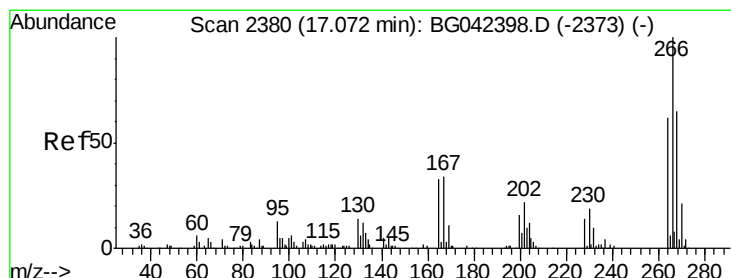
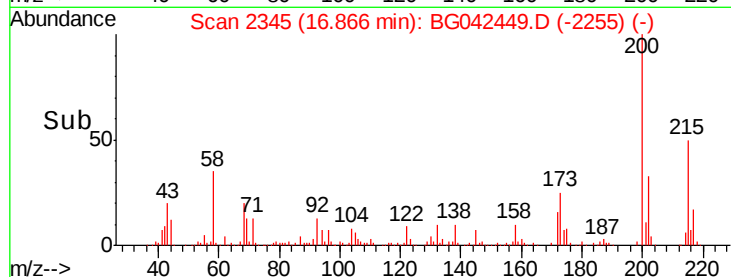
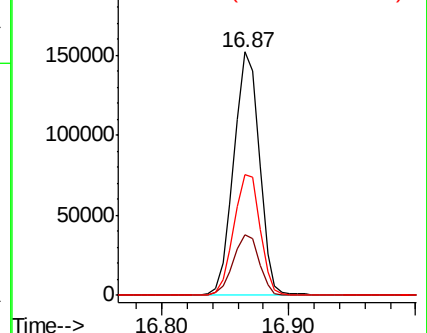
215 49.7 30.7 70.7



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: 66.169 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

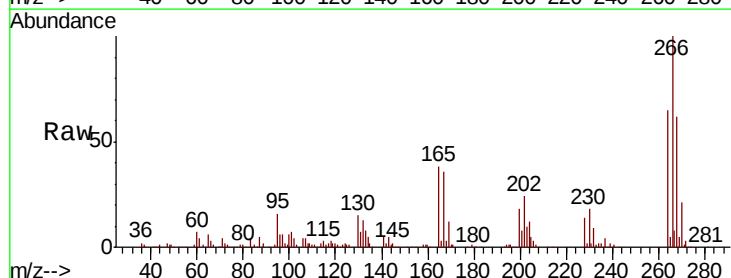
Tgt Ion:266 Resp: 208096

Ion Ratio Lower Upper

266 100

268 62.5 52.1 78.1

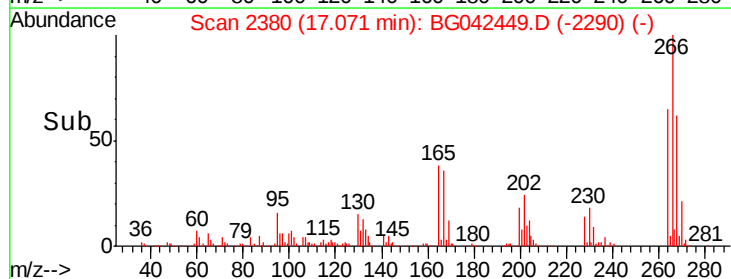
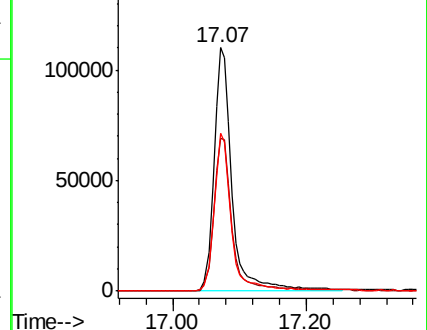
264 64.6 49.4 74.2



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: 45.586 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

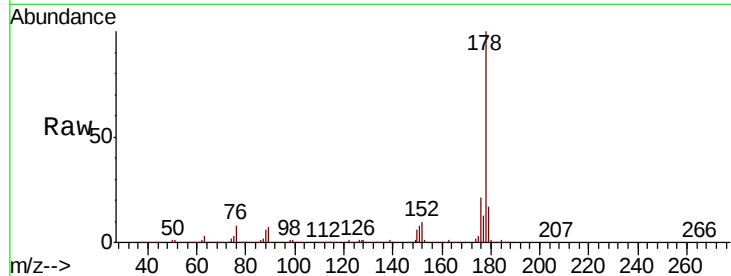
Tgt Ion:178 Resp: 993957

Ion Ratio Lower Upper

178 100

176 21.4 15.9 23.9

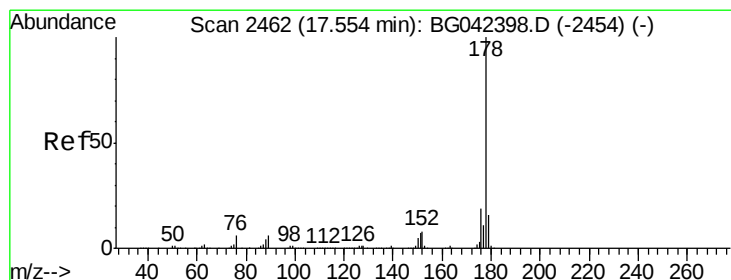
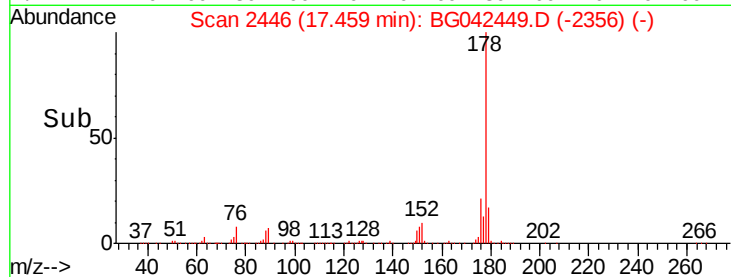
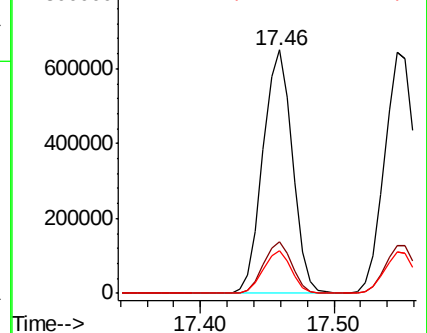
179 17.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.938 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

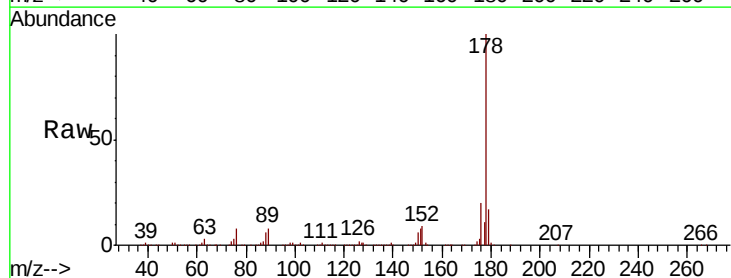
Tgt Ion:178 Resp: 1021686

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

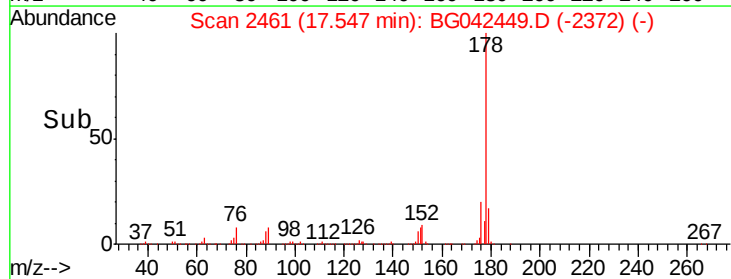
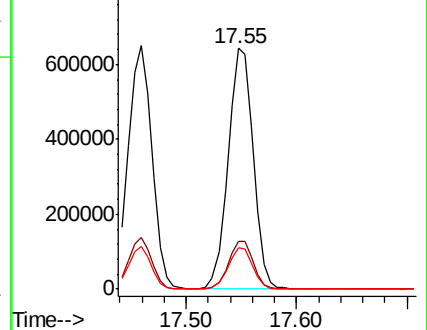
179 17.2 12.9 19.3

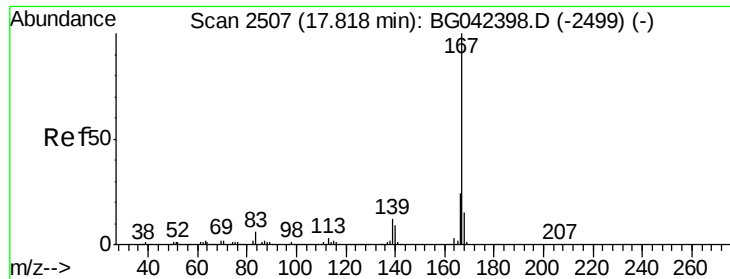


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.763 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

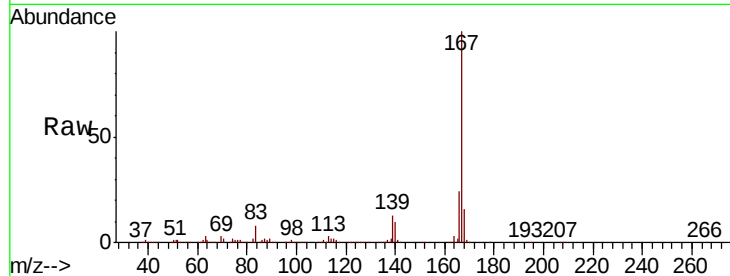
Tgt Ion:167 Resp: 926586

Ion Ratio Lower Upper

167 100

166 24.5 18.9 28.3

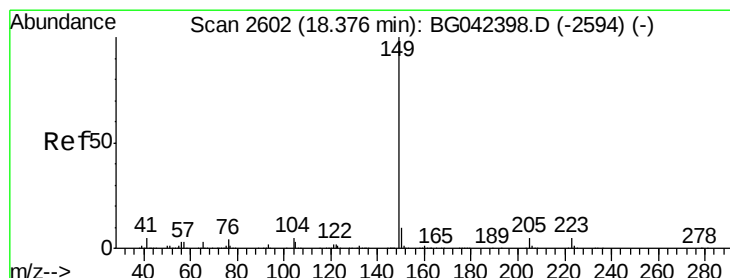
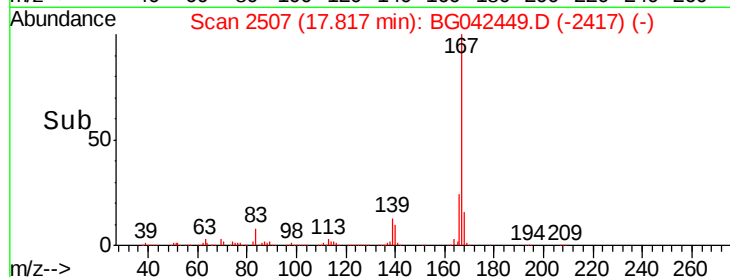
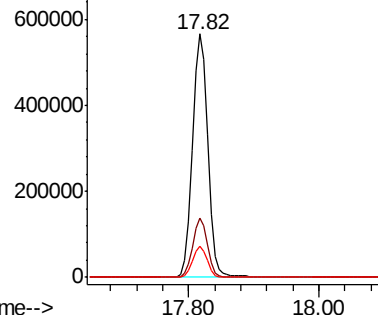
139 12.7 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.106 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

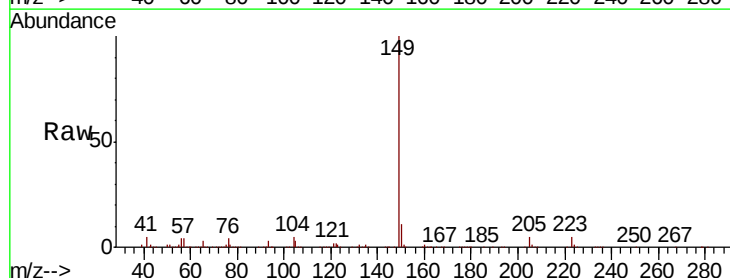
Tgt Ion:149 Resp: 1057307

Ion Ratio Lower Upper

149 100

150 10.8 8.1 12.1

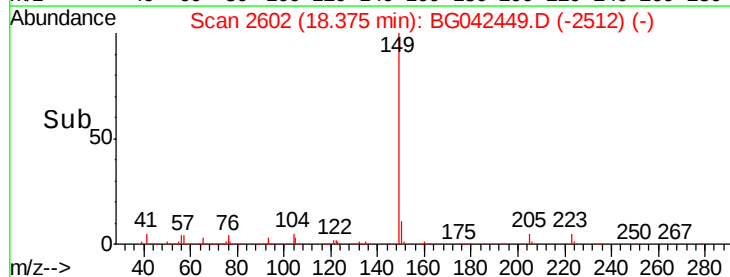
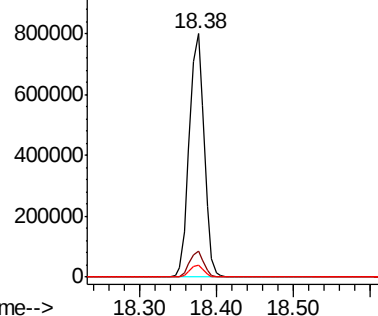
104 4.8 3.7 5.5

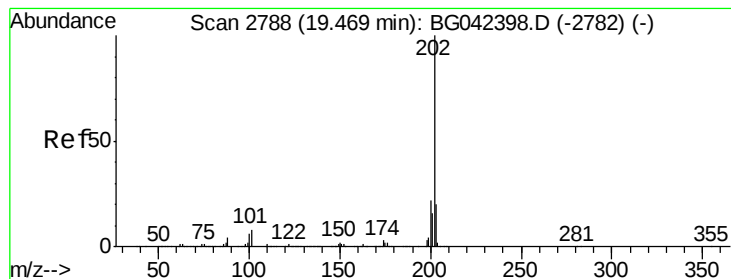


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.347 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

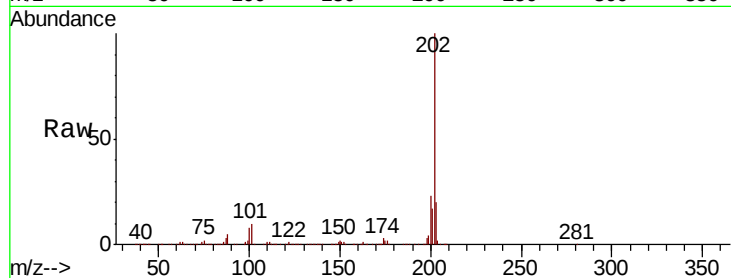
Tgt Ion:202 Resp: 1206675

Ion Ratio Lower Upper

202 100

101 9.9 0.0 28.3

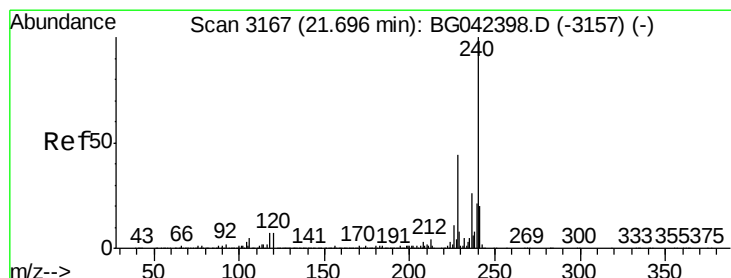
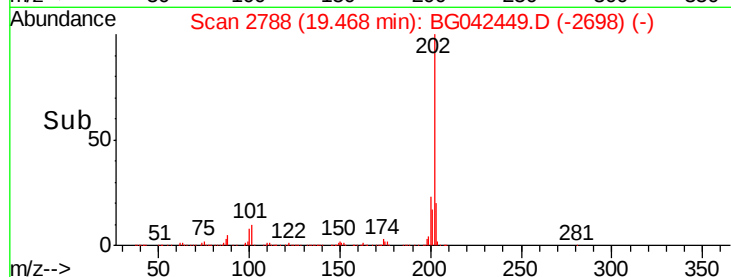
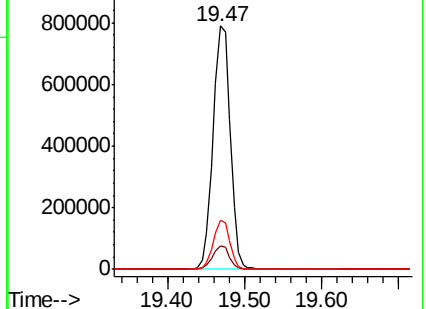
203 20.2 0.0 39.6



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

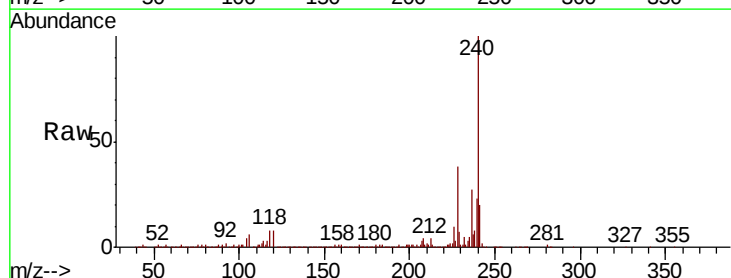
Tgt Ion:240 Resp: 422253

Ion Ratio Lower Upper

240 100

120 8.3 5.7 8.5

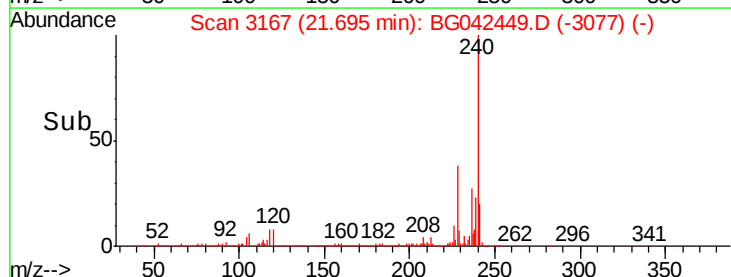
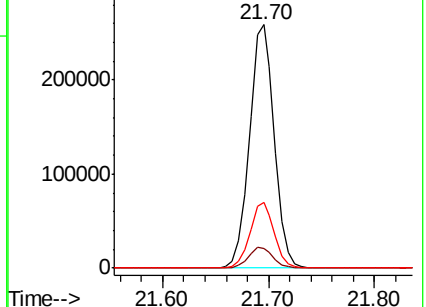
236 27.0 21.0 31.4



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: 32.733 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

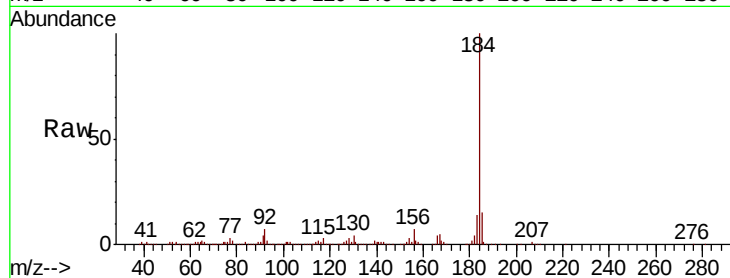
Tgt Ion:184 Resp: 396267

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.4

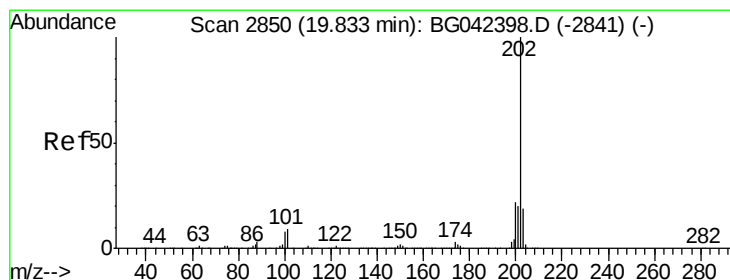
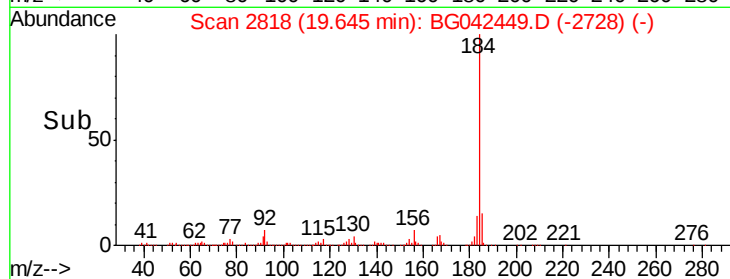
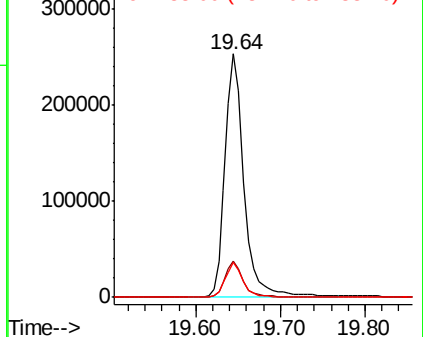
183 14.2 10.8 16.2



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: 46.921 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

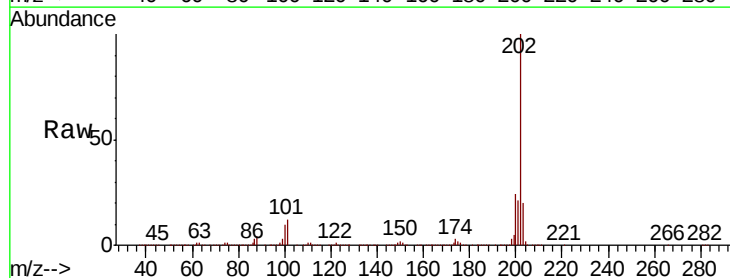
Tgt Ion:202 Resp: 1214709

Ion Ratio Lower Upper

202 100

200 23.5 17.8 26.6

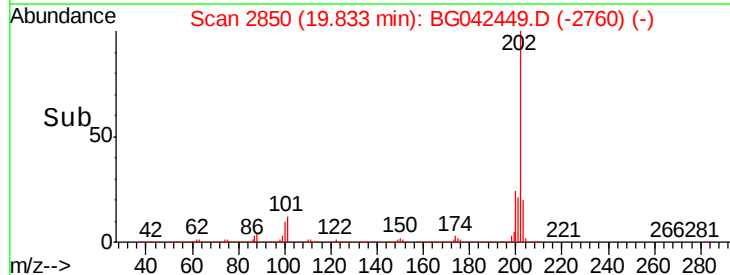
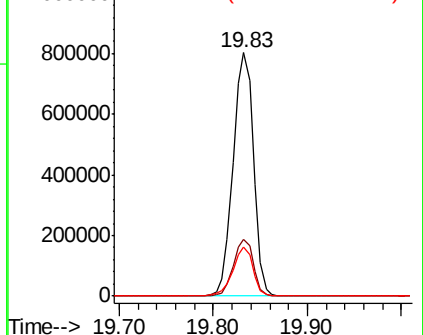
203 20.2 15.5 23.3



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: 89.547 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

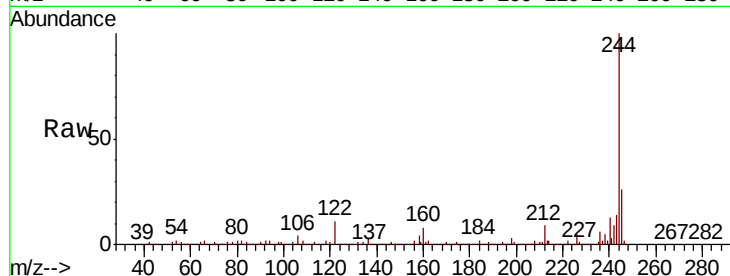
Tgt Ion:244 Resp: 1748978

Ion Ratio Lower Upper

244 100

212 8.9 6.0 9.0

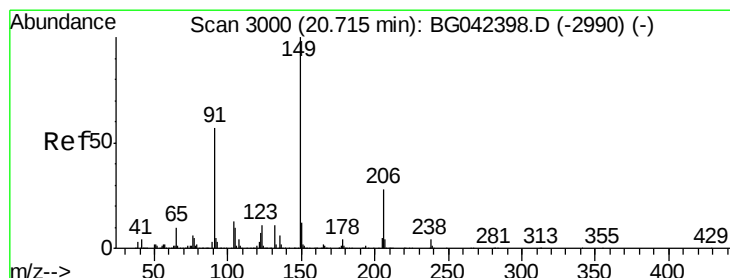
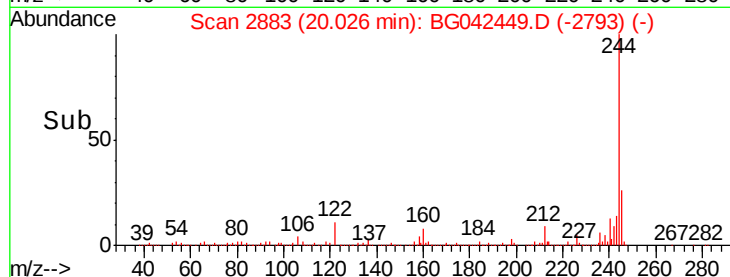
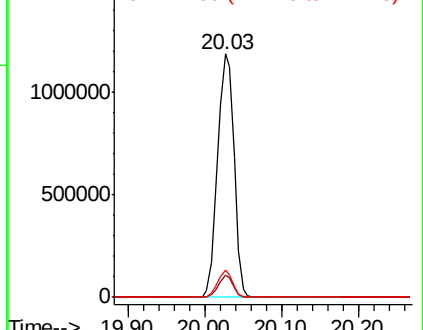
122 11.0 6.7 10.1#



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: 47.968 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

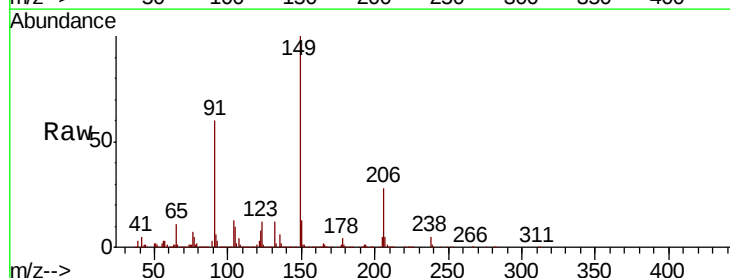
Tgt Ion:149 Resp: 488431

Ion Ratio Lower Upper

149 100

91 59.8 45.9 68.9

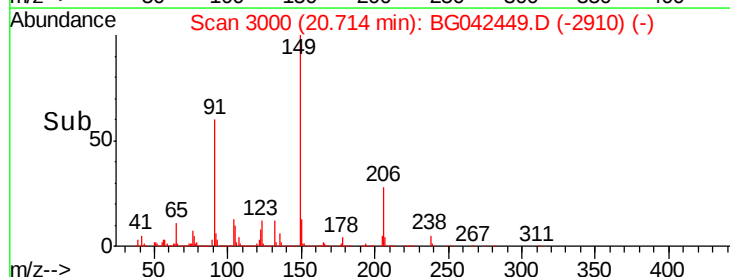
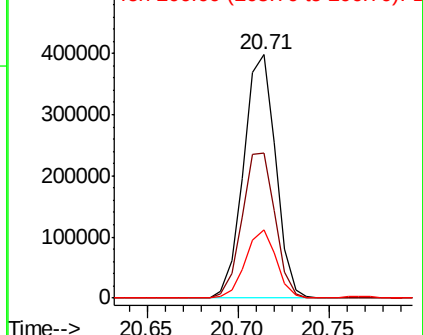
206 27.8 22.5 33.7

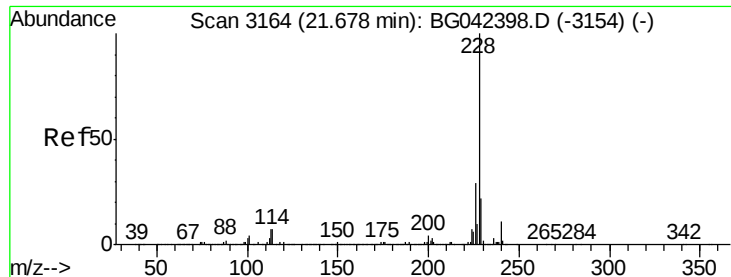


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.697 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

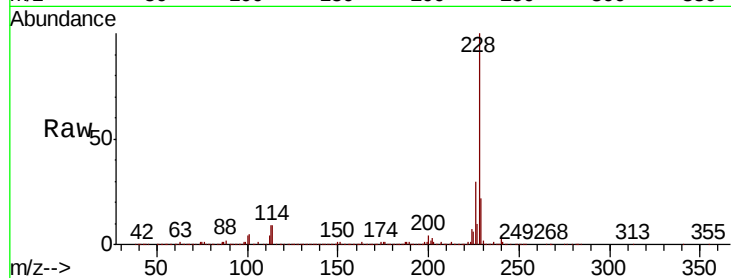
Tgt Ion:228 Resp: 1173795

Ion Ratio Lower Upper

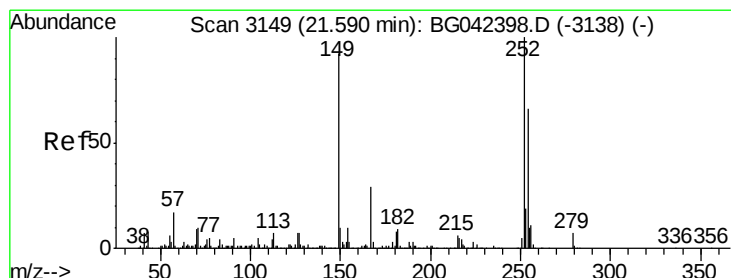
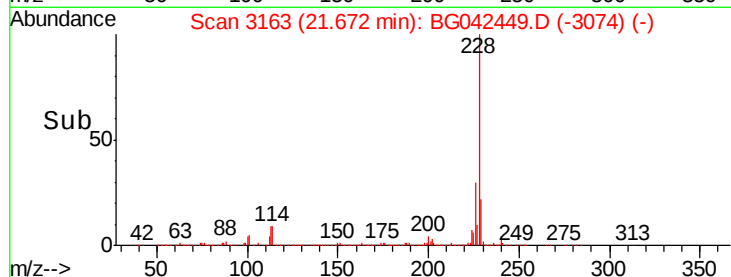
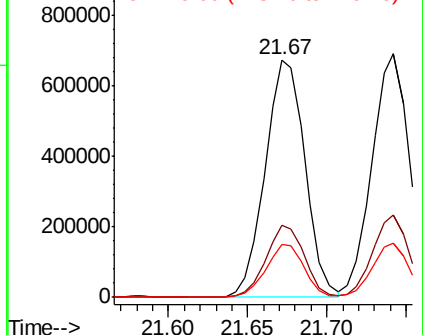
228 100

226 30.4 23.4 35.2

229 22.4 17.4 26.2



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: 30.506 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

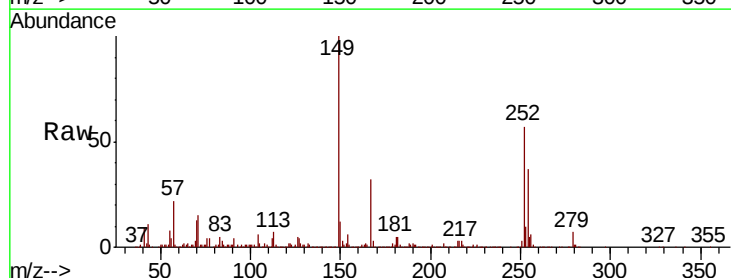
Tgt Ion:252 Resp: 315148

Ion Ratio Lower Upper

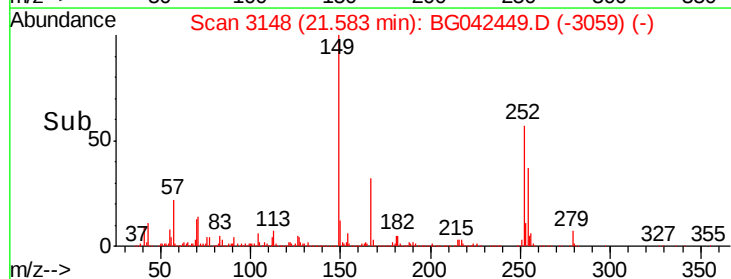
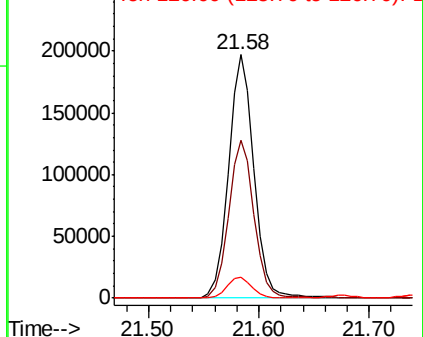
252 100

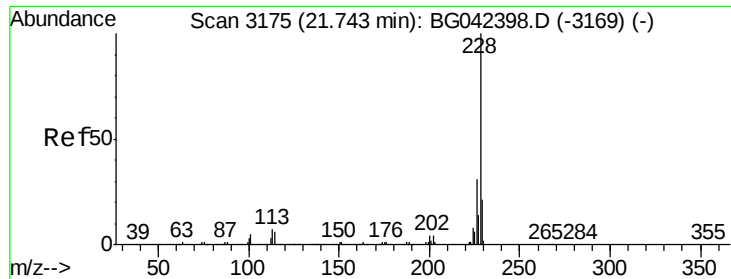
254 64.8 53.0 79.4

126 8.5 5.7 8.5



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: 45.978 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

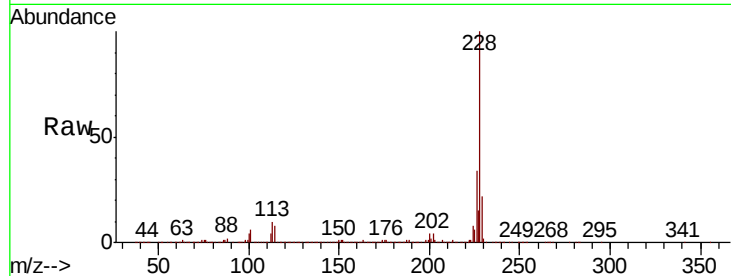
Tgt Ion:228 Resp: 1138971

Ion Ratio Lower Upper

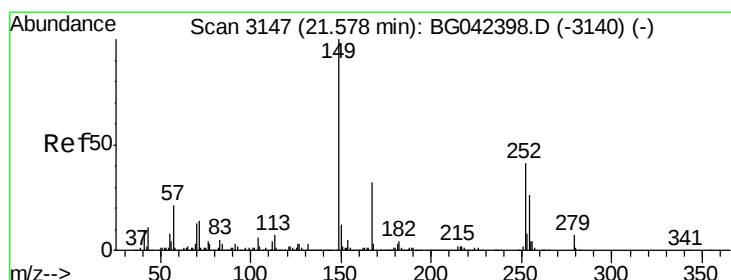
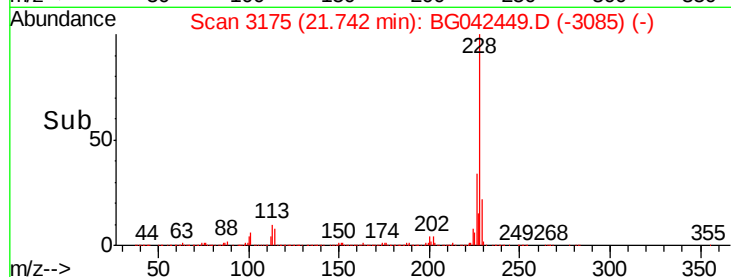
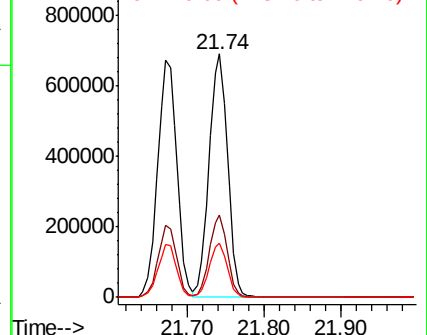
228 100

226 33.7 24.9 37.3

229 22.3 16.9 25.3



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: 48.549 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

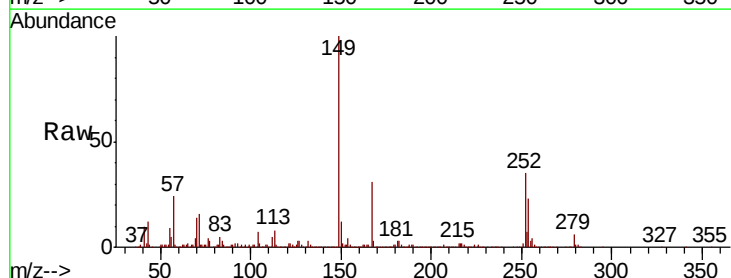
Tgt Ion:149 Resp: 686364

Ion Ratio Lower Upper

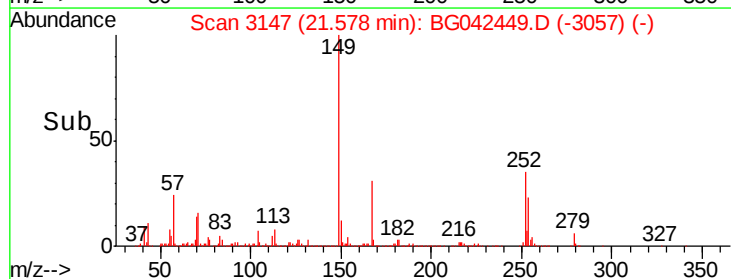
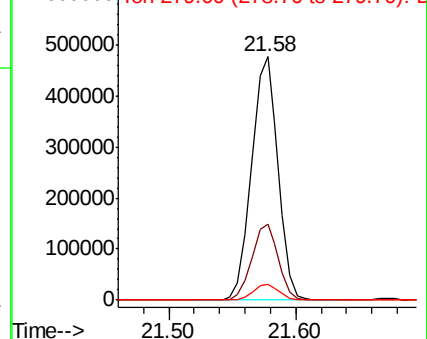
149 100

167 31.4 26.0 39.0

279 6.4 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.686 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

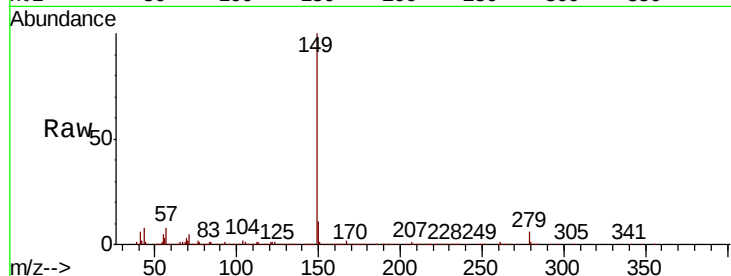
Tgt Ion:149 Resp: 1183826

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

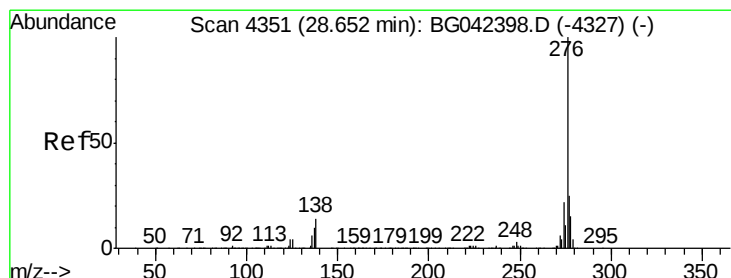
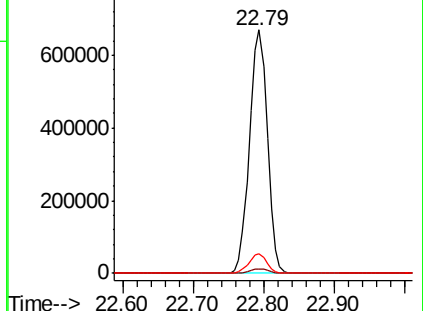
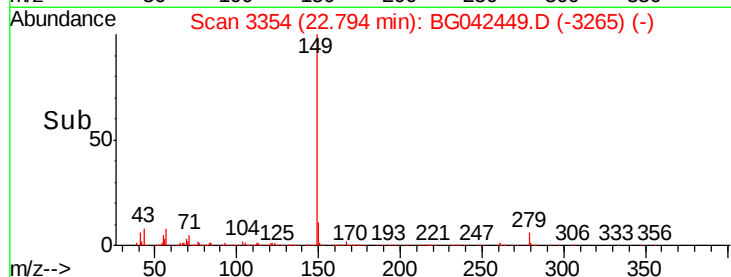
43 7.6 5.3 7.9



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: 42.595 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

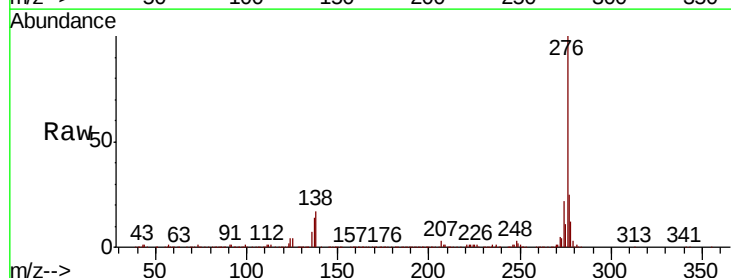
Tgt Ion:276 Resp: 1433958

Ion Ratio Lower Upper

276 100

138 11.1 9.2 13.8

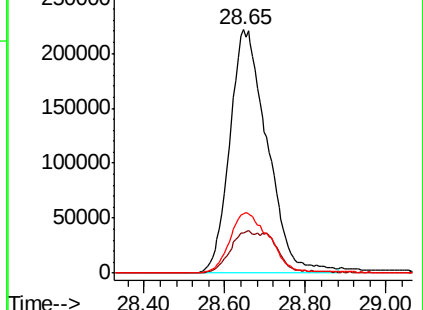
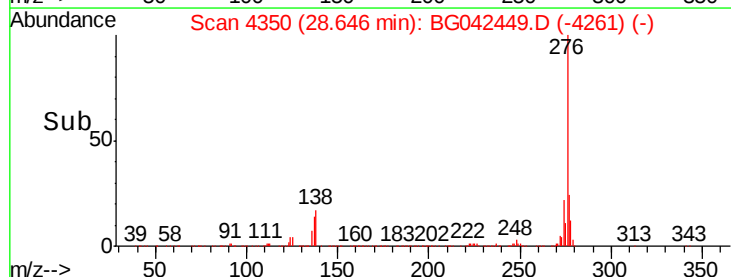
277 26.3 21.0 31.6

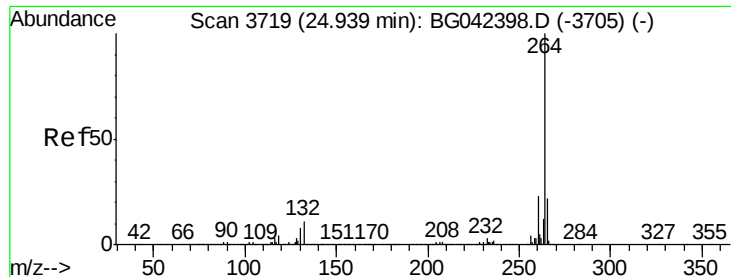


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

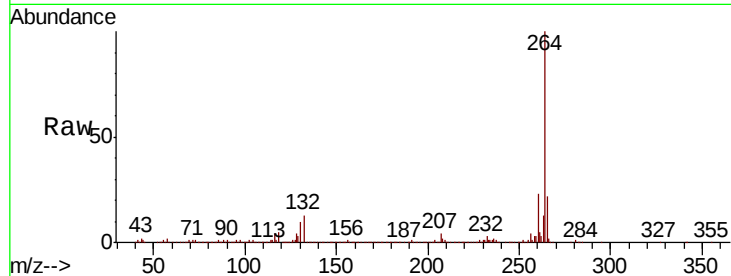
Tgt Ion:264 Resp: 500647

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

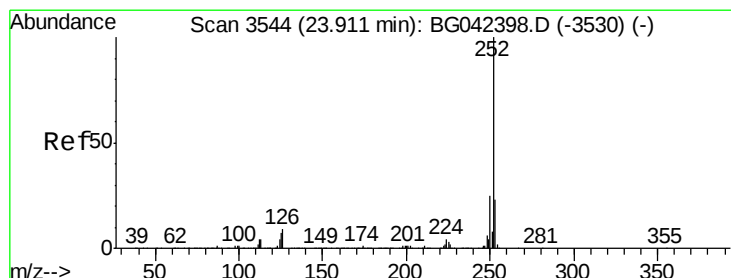
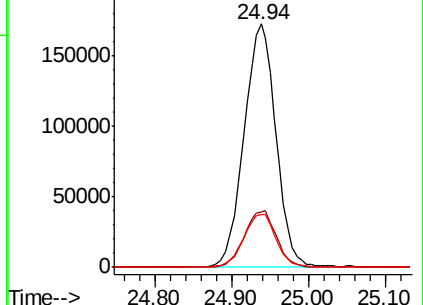
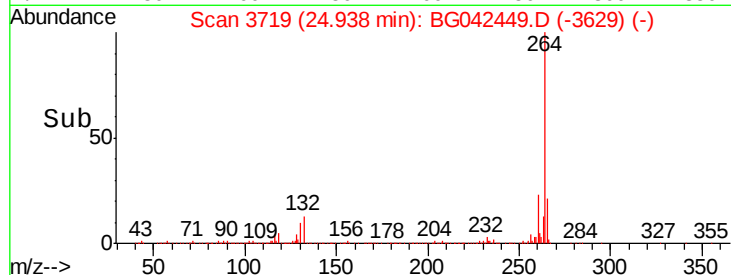
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.422 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

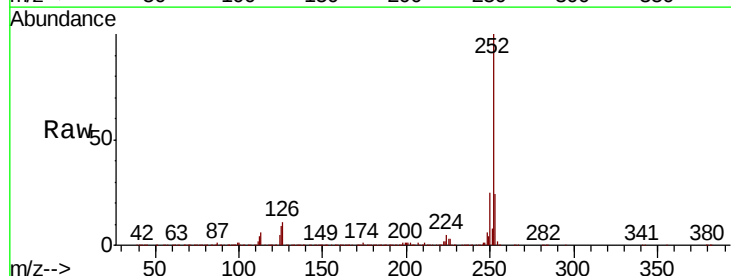
Tgt Ion:252 Resp: 1250178

Ion Ratio Lower Upper

252 100

253 23.9 18.6 27.8

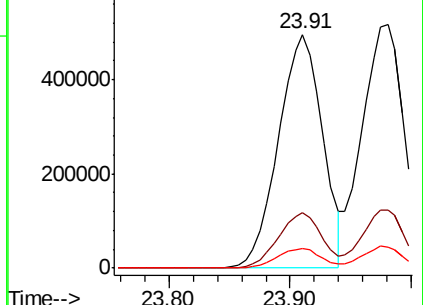
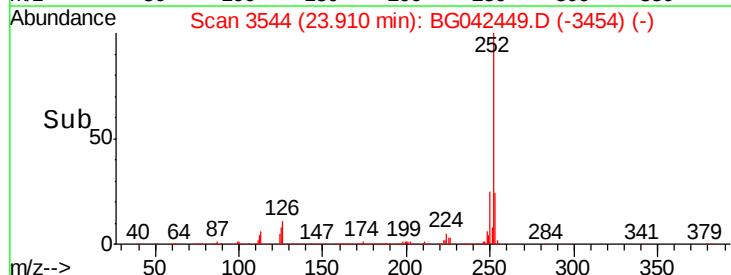
125 8.5 5.6 8.4#

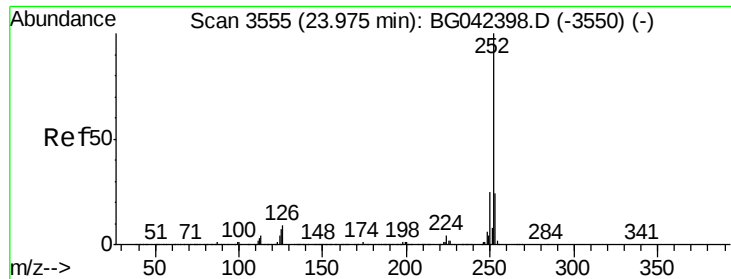


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.839 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

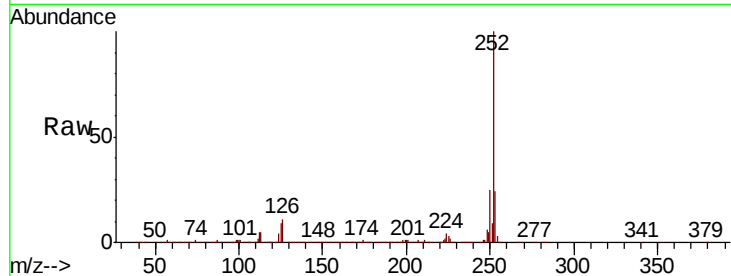
Tgt Ion:252 Resp: 1265640

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

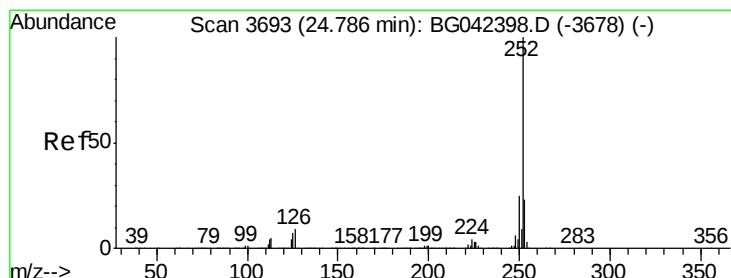
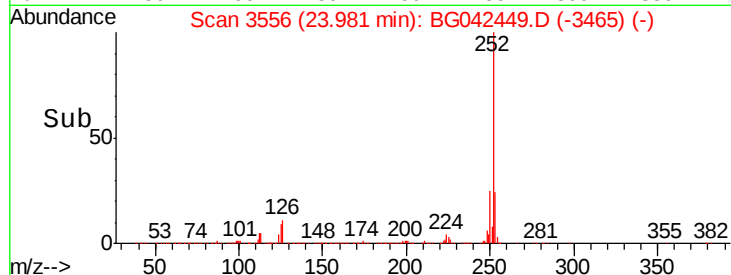
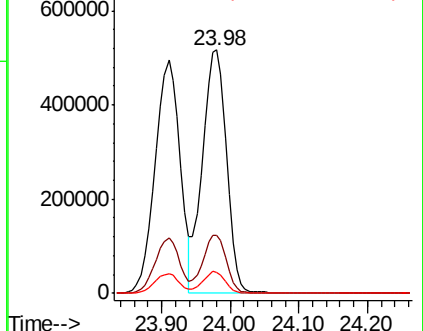
125 8.6 5.8 8.6



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: 47.952 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

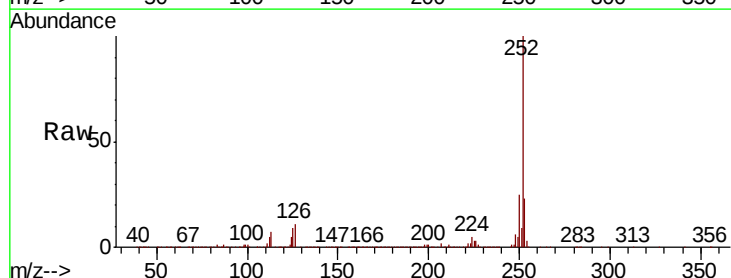
Tgt Ion:252 Resp: 1252386

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

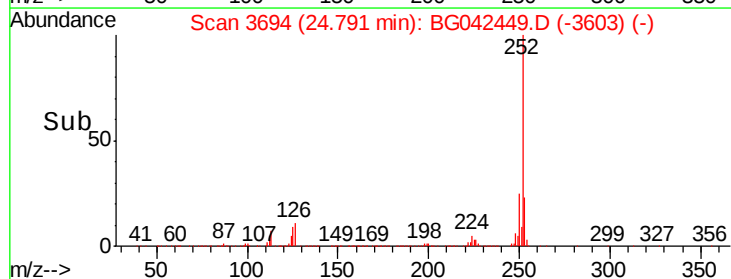
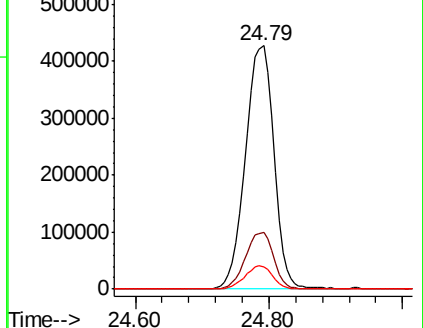
125 9.3 6.0 9.0#

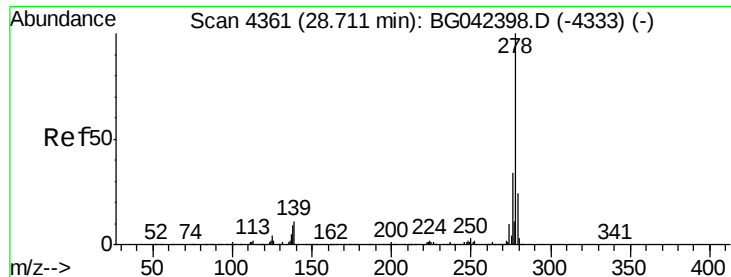


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



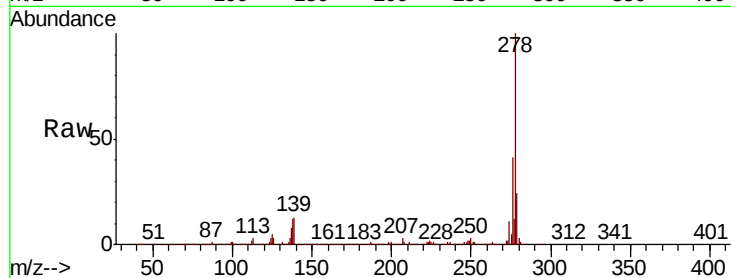


#91
Dibenzo(a,h)anthracene
Concen: 45.441 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

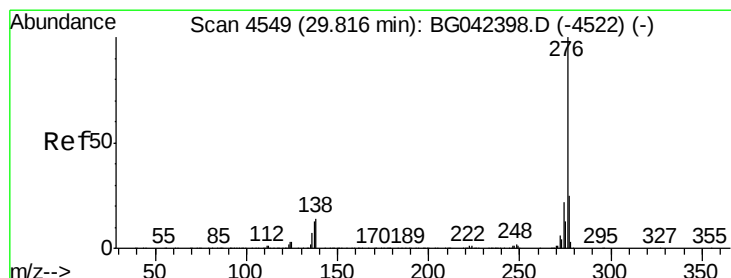
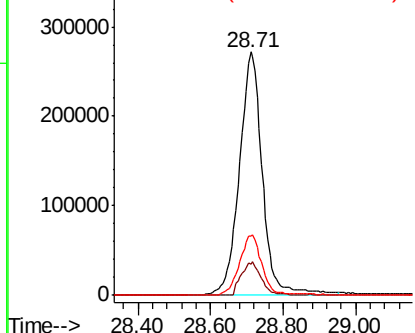
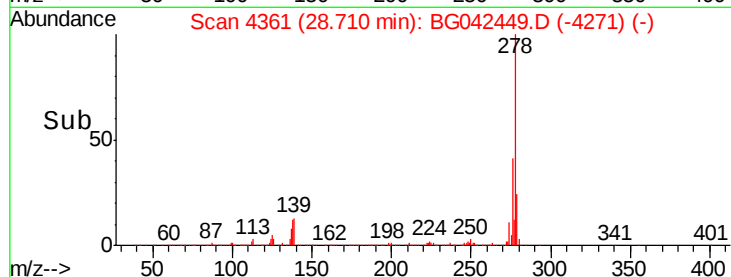
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tgt Ion:278 Resp: 1201646

Ion	Ratio	Lower	Upper
278	100		
139	12.8	8.8	13.2
279	24.4	19.1	28.7



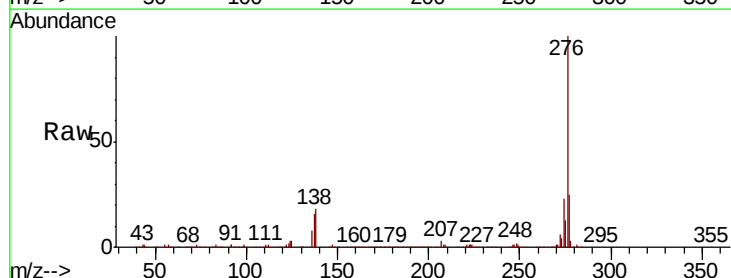
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.065 ng
RT: 29.82 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion:276 Resp: 1138999

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	17.6	11.4	17.0



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

