

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043549.D
 Acq On : 7 Nov 2019 21:26
 Operator : JU
 Sample : K5723-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-A

Quant Time: Nov 08 04:18:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	36036	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	134989	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94512	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	216223	20.00	ng	0.00
76) Chrysene-d12	21.65	240	218810	20.00	ng	0.00
87) Perylene-d12	24.85	264	252703	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	264025	134.26	ng	0.02
7) Phenol-d6	7.21	99	365072	129.03	ng	0.02
23) Nitrobenzene-d5	9.17	82	221909	84.75	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	211422	117.55	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	514143	75.17	ng	0.00
79) Terphenyl-d14	19.99	244	894356	76.68	ng	0.00

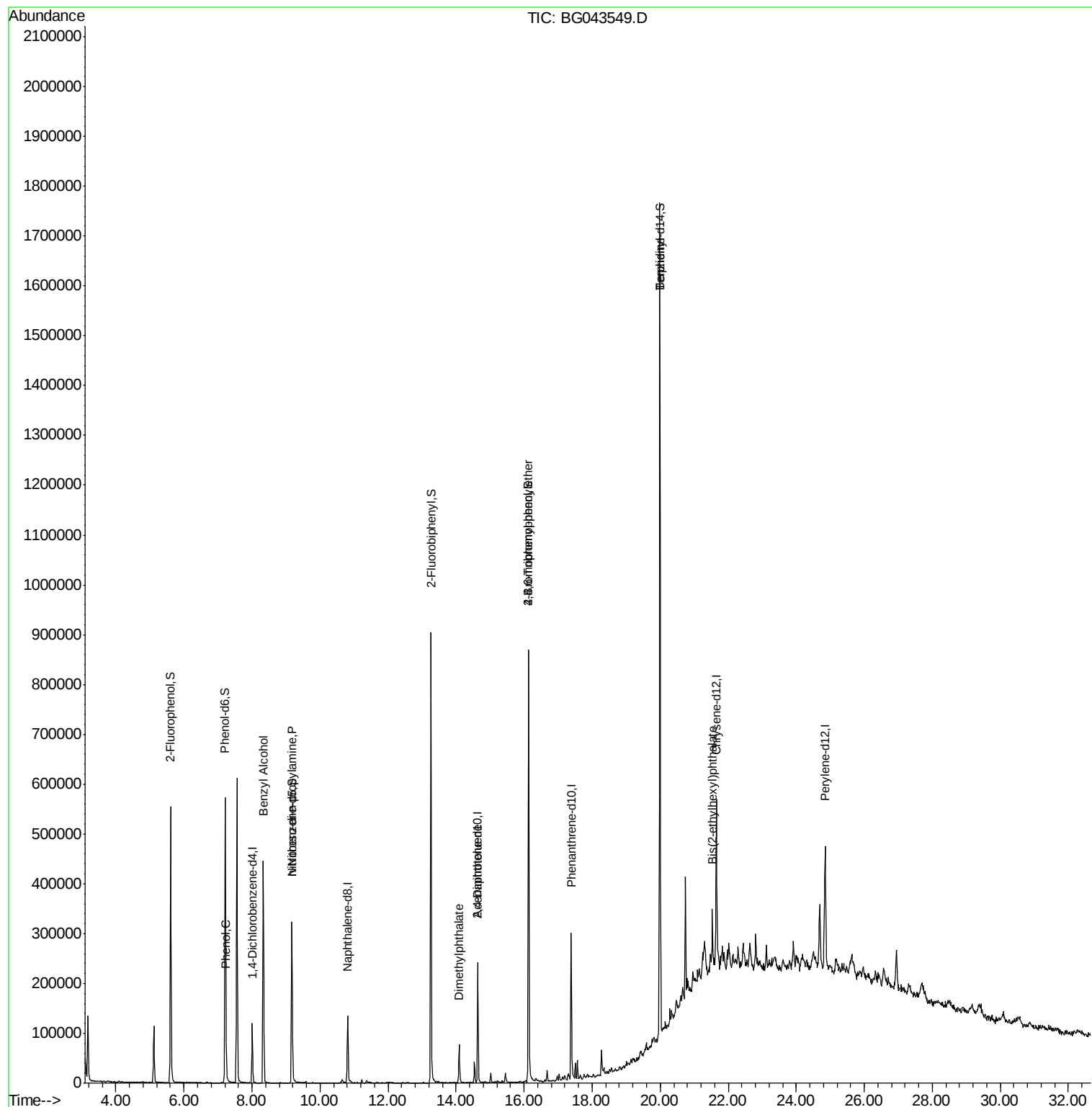
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.24	94	12179	4.711	ng	91
15) Benzyl Alcohol	8.33	79	4066	2.046	ng	# 47
19) n-Nitroso-di-n-propylamine	9.17	70	30758	16.823	ng	# 79
50) Dimethylphthalate	14.09	163	61735	8.433	ng	99
57) 2,4-Dinitrotoluene	14.64	165	12741	5.606	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	13603	4.675	ng	# 1
77) Benzidine	19.99	184	12762	2.898	ng	# 86
84) Bis(2-ethylhexyl)phthalate	21.53	149	45651	6.263	ng	99

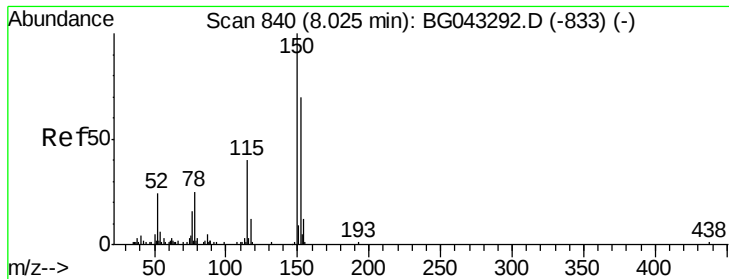
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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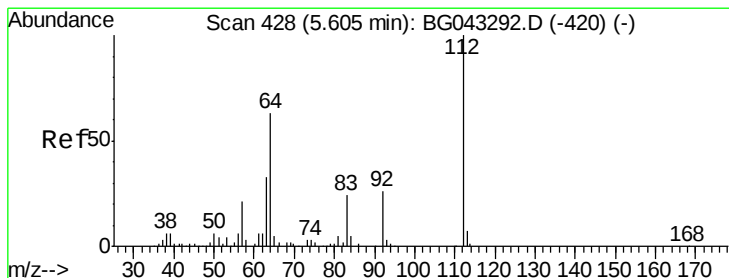
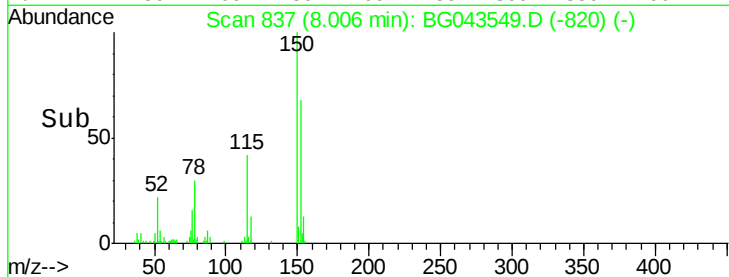
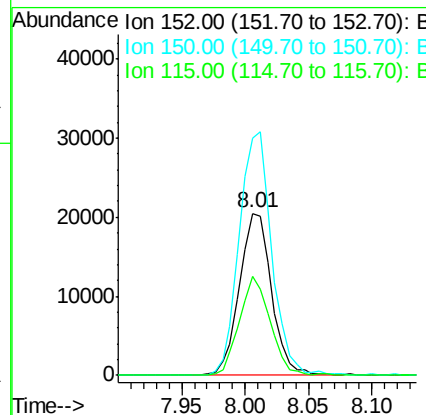
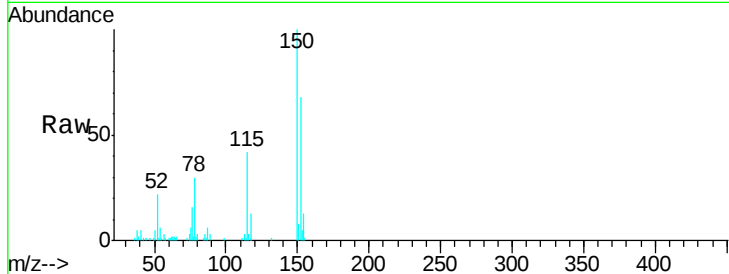


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :
10-A

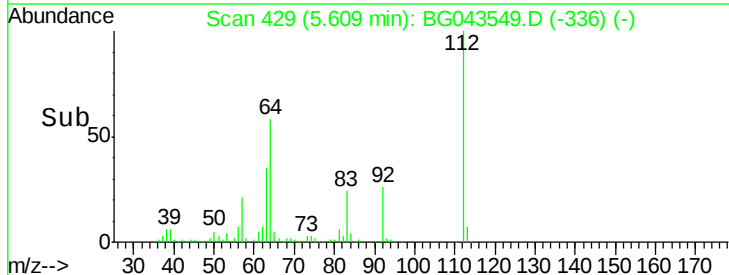
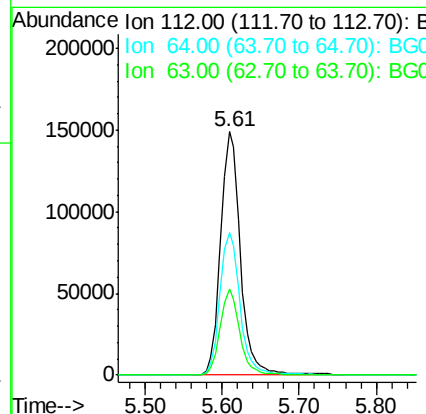
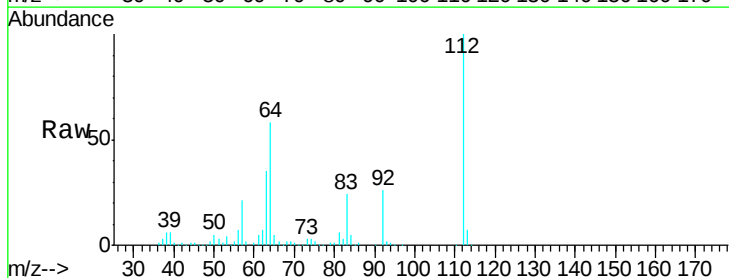
Tgt Ion:152 Resp: 36036
Ion Ratio Lower Upper
152 100
150 146.1 129.4 194.0
115 60.7 48.8 73.2

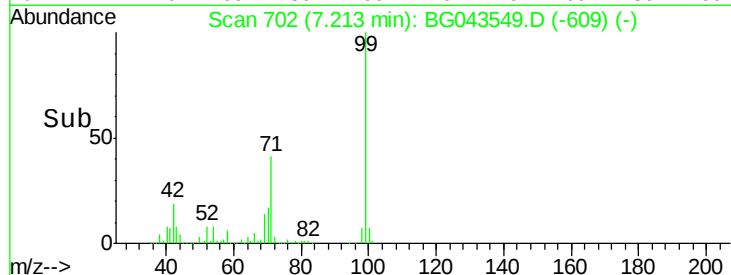
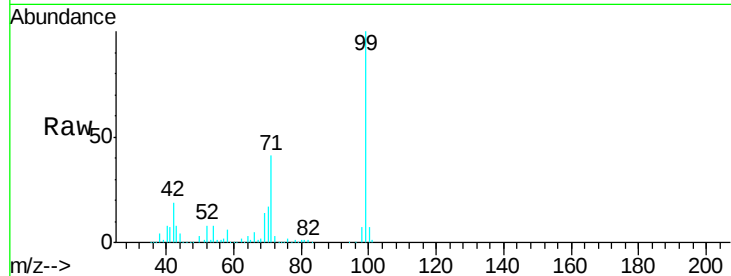


#5

2-Fluorophenol
Concen: 134.258 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Tgt Ion:112 Resp: 264025
Ion Ratio Lower Upper
112 100
64 58.4 50.0 75.0
63 35.5 26.6 40.0





#7

Phenol-d6

Concen: 129.028 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

10-A

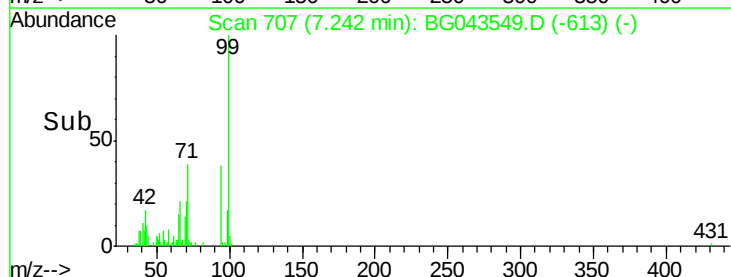
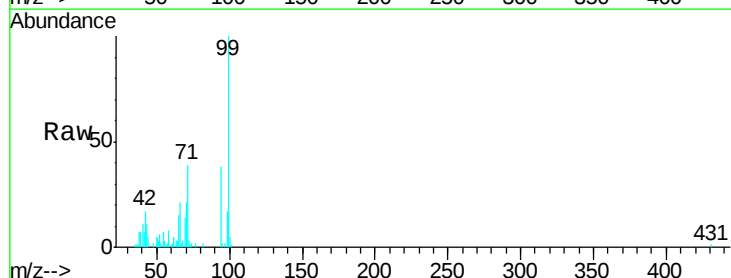
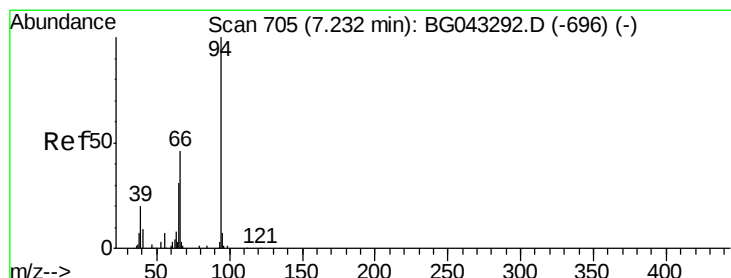
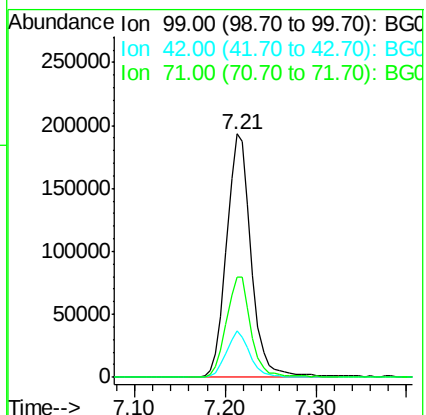
Tgt Ion: 99 Resp: 365072

Ion Ratio Lower Upper

99 100

42 19.0 14.6 21.8

71 41.0 32.5 48.7



#10

Phenol

Concen: 4.711 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

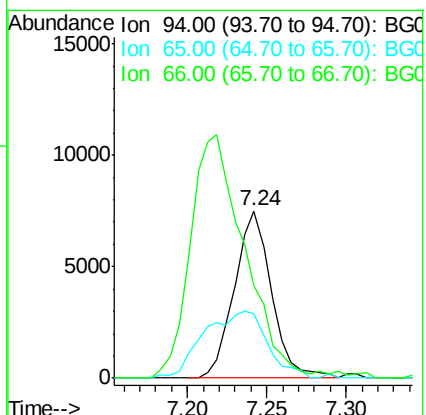
Tgt Ion: 94 Resp: 12179

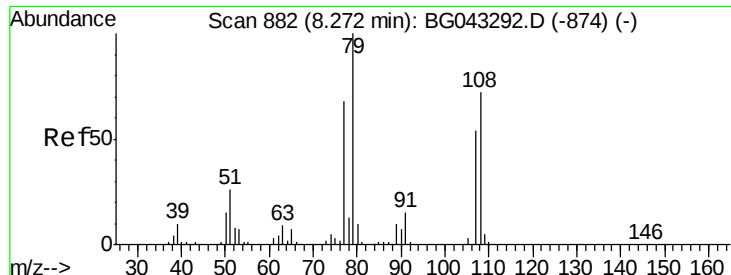
Ion Ratio Lower Upper

94 100

65 38.8 12.6 52.6

66 55.7 30.7 70.7

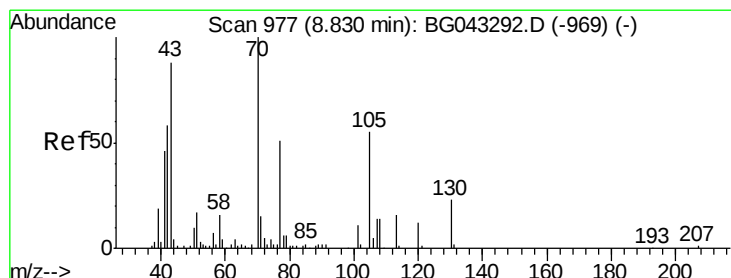
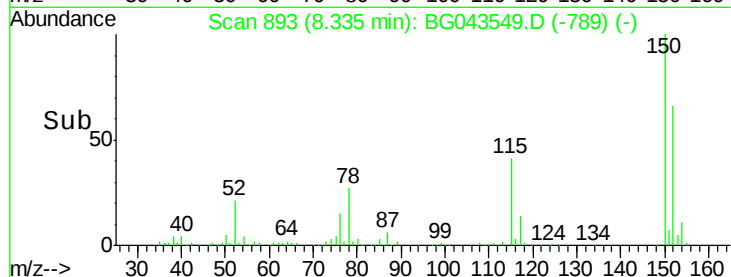
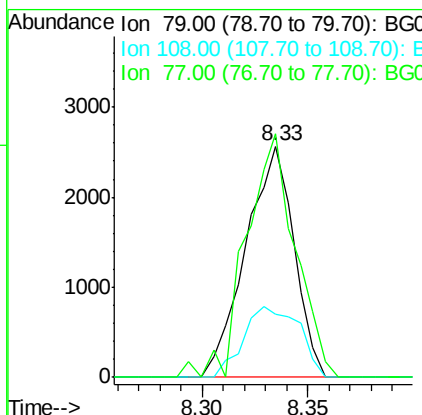
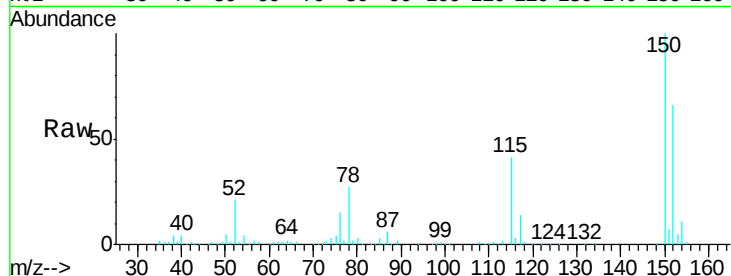




#15
Benzyl Alcohol
Concen: 2.046 ng
RT: 8.33 min Scan# 893
Delta R.T. 0.08 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

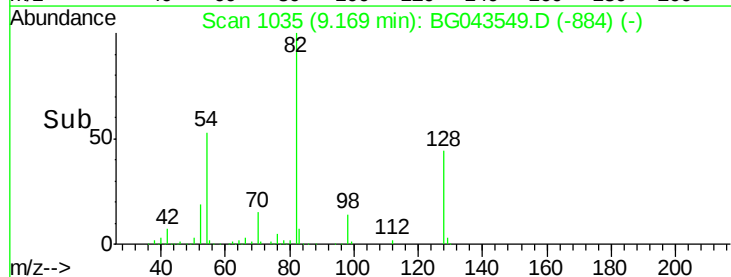
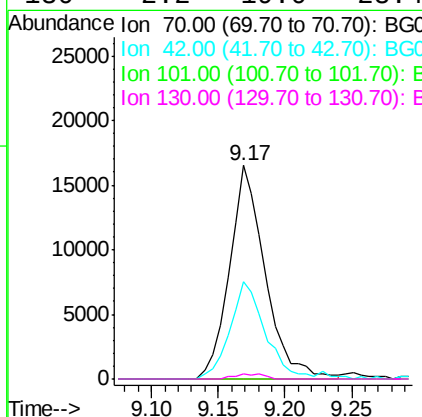
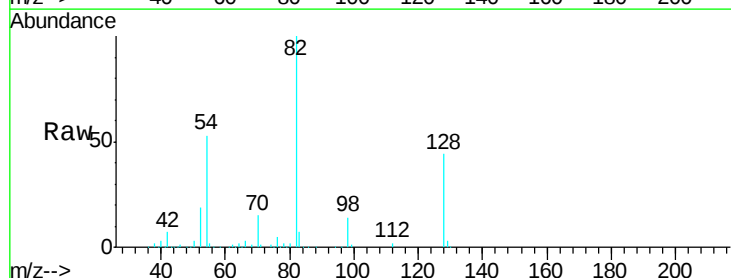
Instrument :
BNA_G
ClientSampleId :
10-A

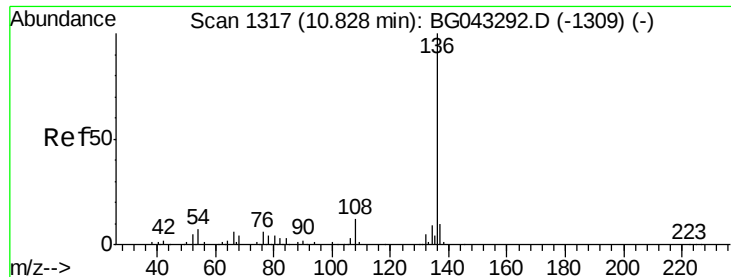
Tgt Ion: 79 Resp: 4066
Ion Ratio Lower Upper
79 100
108 27.5 53.6 80.4#
77 105.3 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 16.823 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Tgt Ion: 70 Resp: 30758
Ion Ratio Lower Upper
70 100
42 45.3 41.4 62.2
101 0.0 7.9 11.9#
130 2.2 19.0 28.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

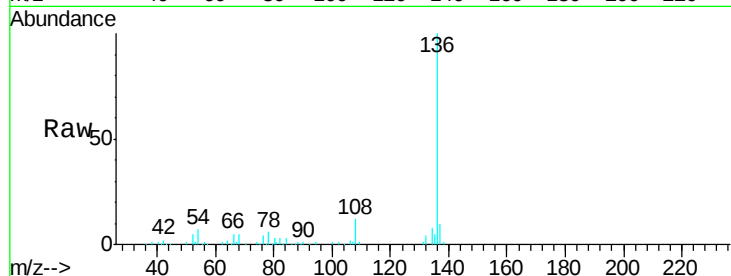
Instrument :

BNA_G

ClientSampleId :

10-A

Tgt Ion:	136	Resp:	134989
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.7	13.1
54	7.4	5.4	8.2
68	4.7	3.0	4.4

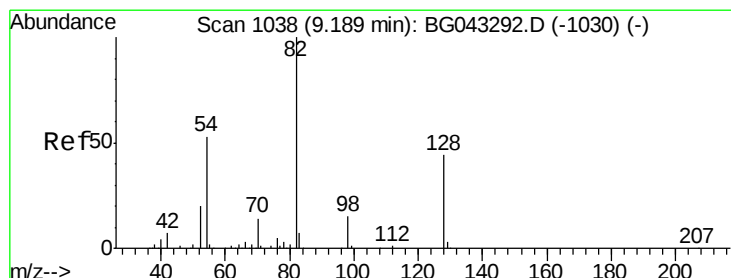
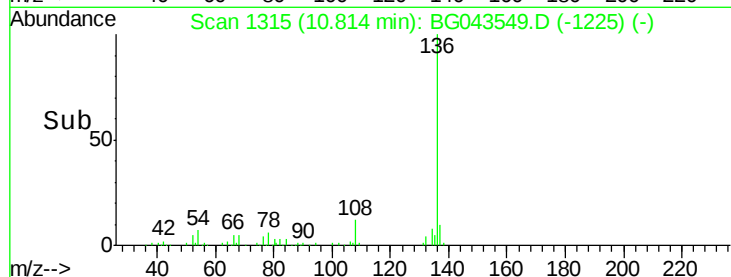
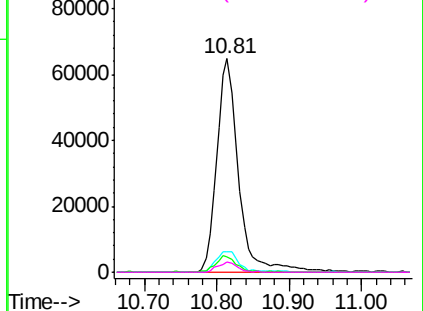


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 84.751 ng

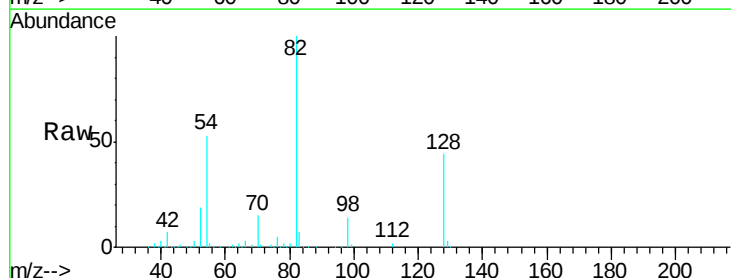
RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

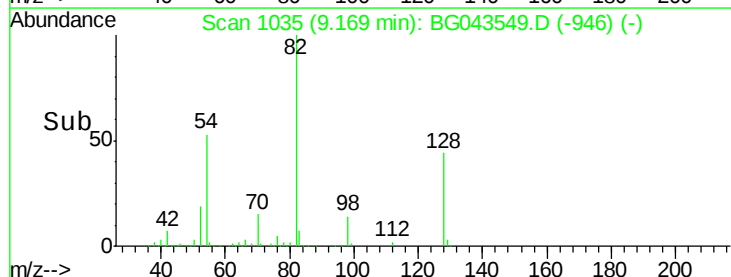
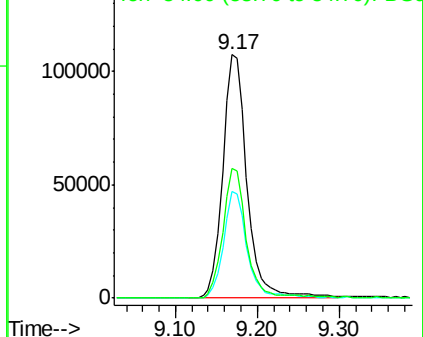
Tgt Ion:	82	Resp:	221909
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.0	52.6
54	53.2	40.2	60.2

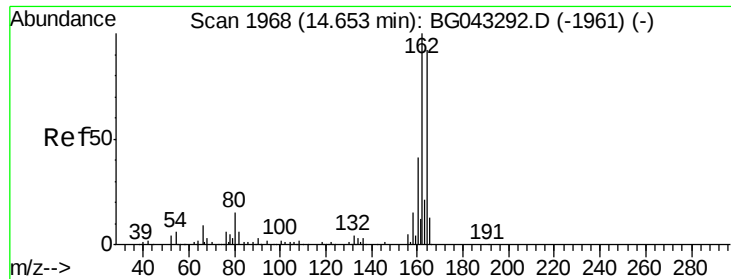


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

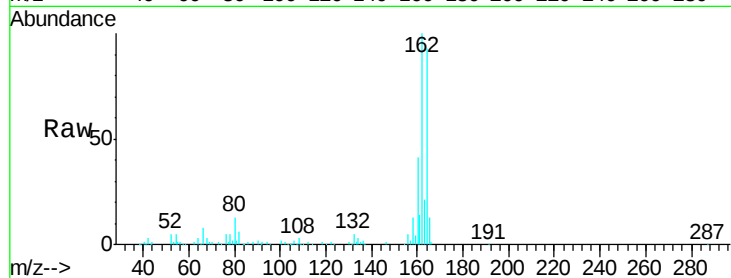




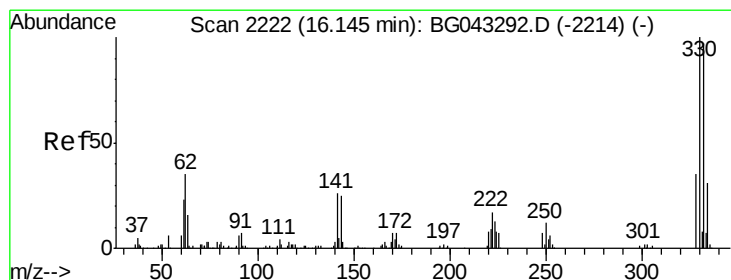
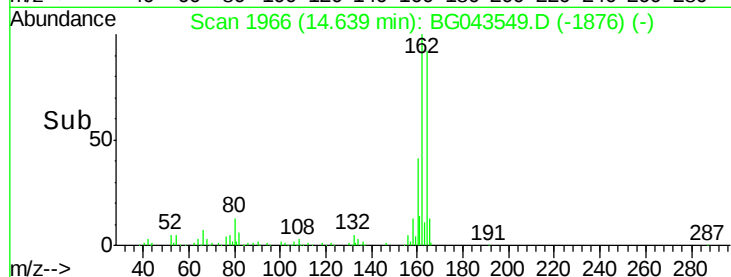
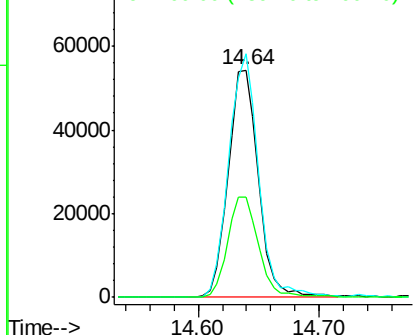
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :
10-A

Tgt Ion:164 Resp: 94512
Ion Ratio Lower Upper
164 100
162 107.1 83.5 125.3
160 44.4 36.5 54.7

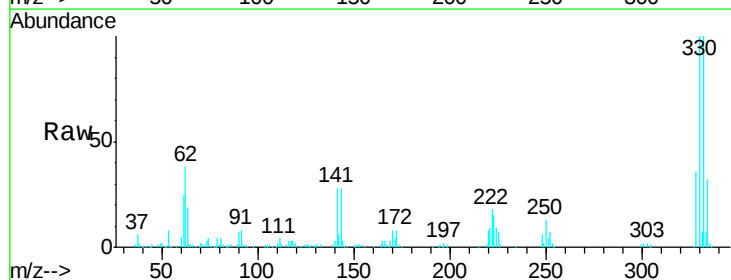


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

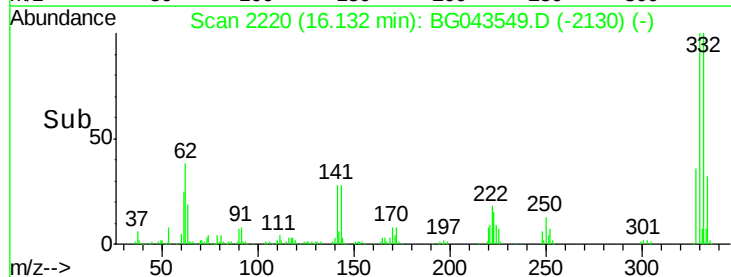
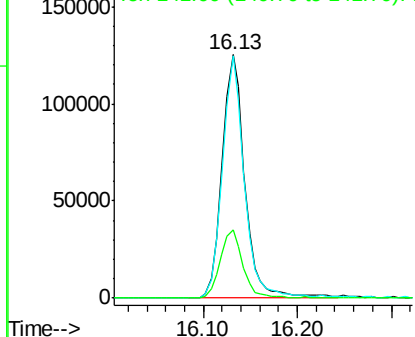


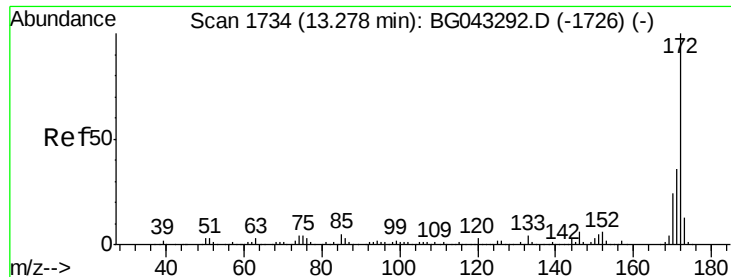
#42
2,4,6-Tribromophenol
Concen: 117.550 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Tgt Ion:330 Resp: 211422
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 27.9 22.8 34.2



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

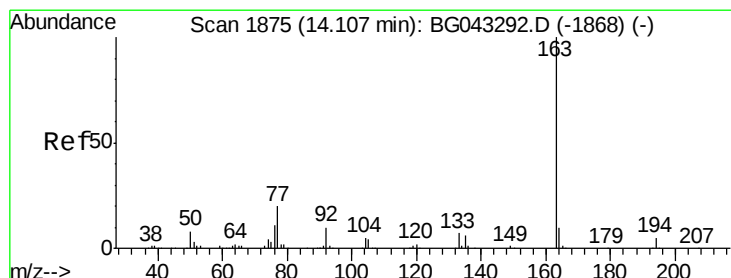
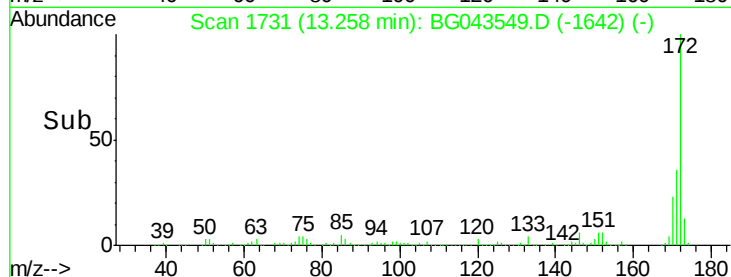
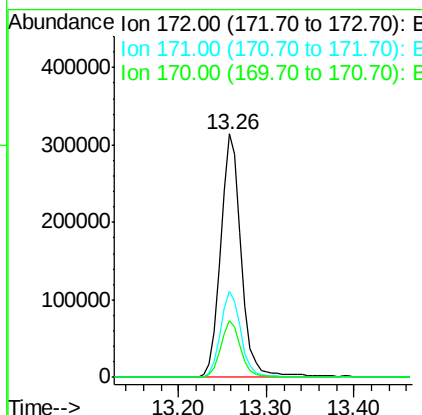
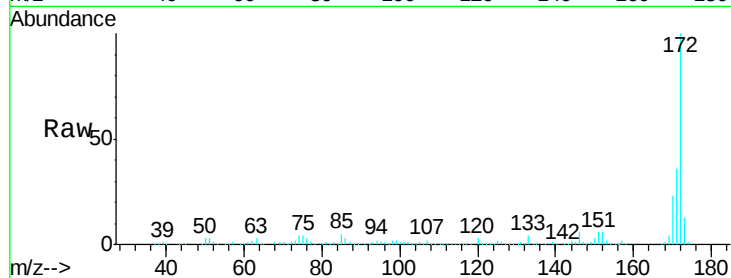




#45
 2-Fluorobiphenyl
 Concen: 75.170 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043549.D
 Acq: 7 Nov 2019 21:26

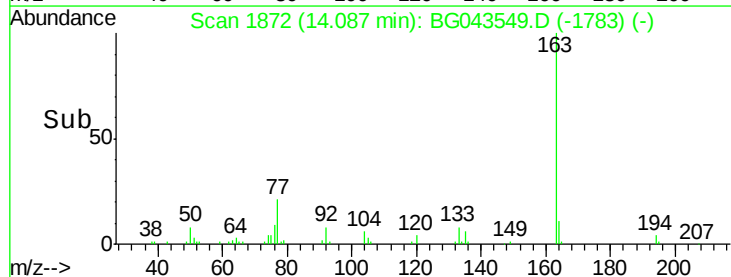
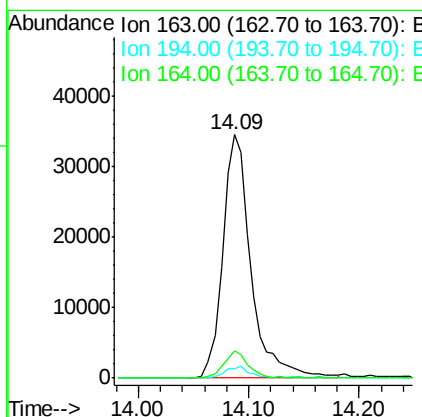
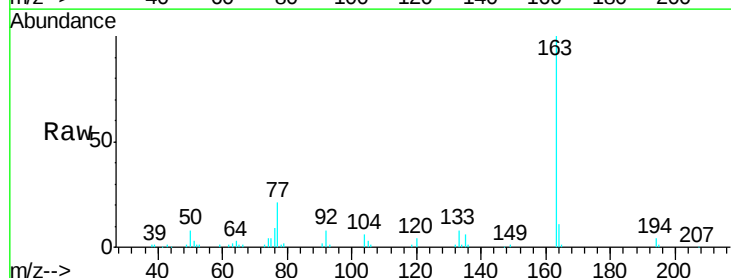
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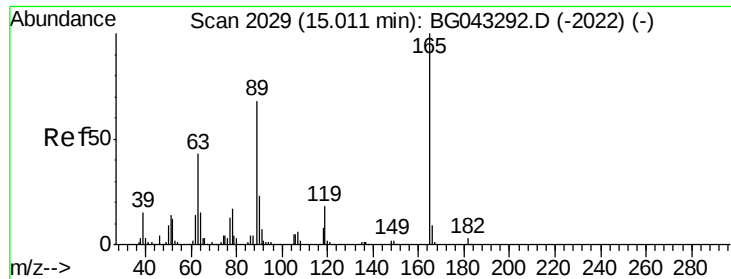
Tgt Ion:172 Resp: 514143
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.1 18.5 27.7



#50
 Dimethylphthalate
 Concen: 8.433 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043549.D
 Acq: 7 Nov 2019 21:26

Tgt Ion:163 Resp: 61735
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.8 5.6
 164 11.0 8.9 13.3

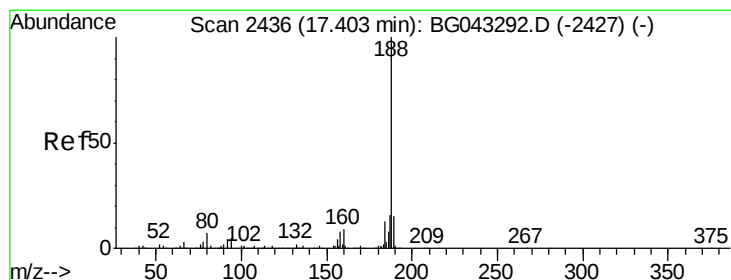
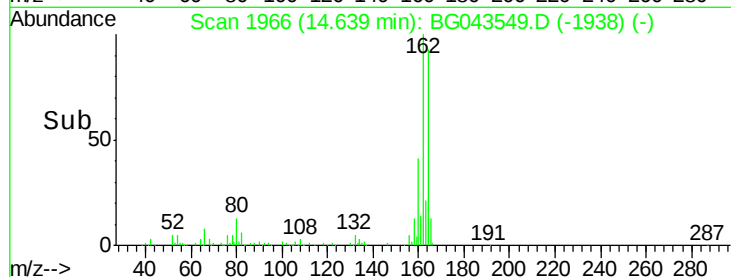
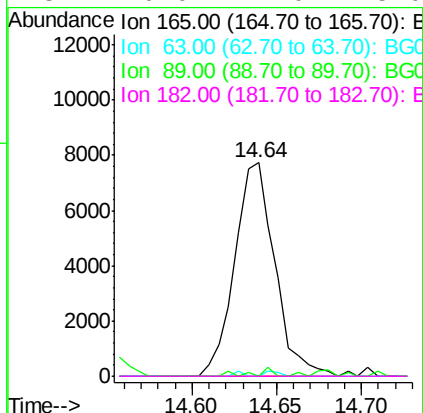
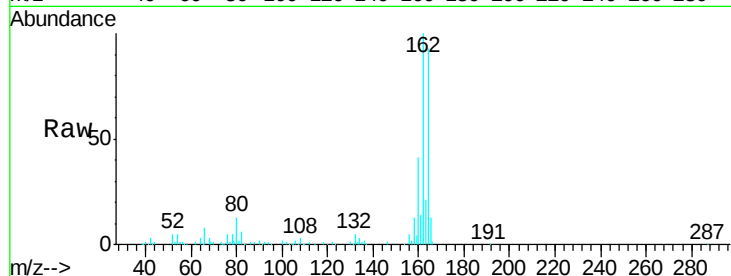




#57
 2,4-Dinitrotoluene
 Concen: 5.606 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.37 min
 Lab File: BG043549.D
 Acq: 7 Nov 2019 21:26

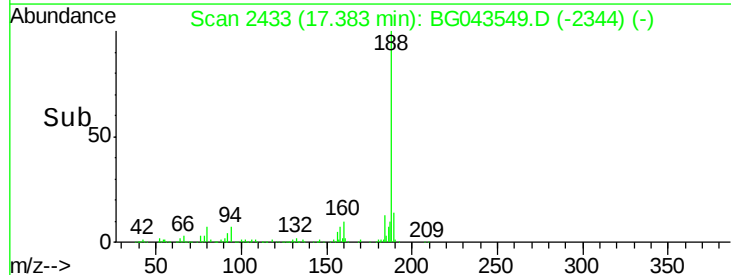
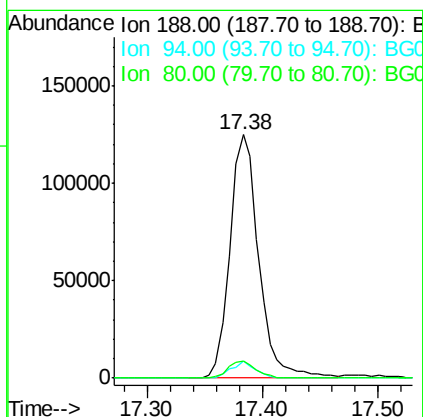
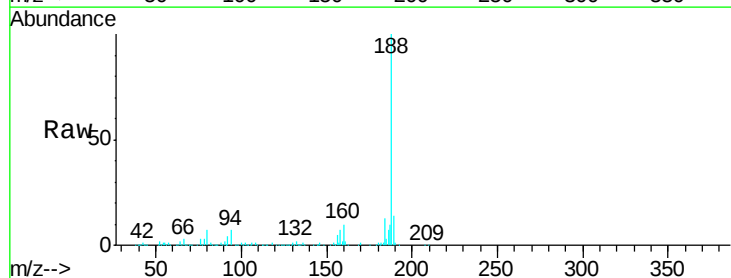
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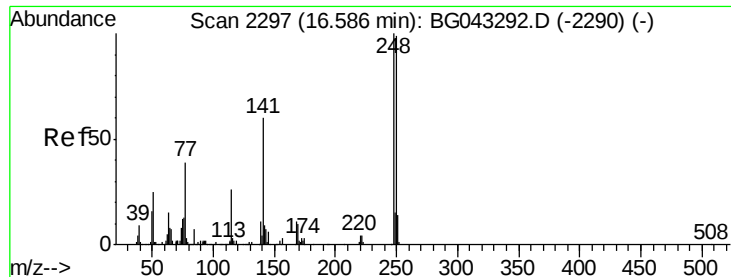
Tgt Ion:165 Resp: 12741
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.2 49.8#
 89 0.0 52.2 78.4#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG043549.D
 Acq: 7 Nov 2019 21:26

Tgt Ion:188 Resp: 216223
 Ion Ratio Lower Upper
 188 100
 94 6.8 4.2 6.4#
 80 7.0 4.5 6.7#

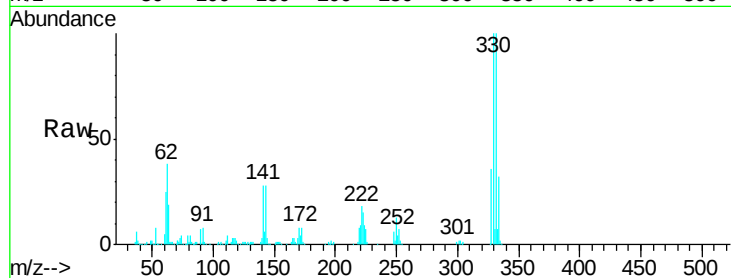




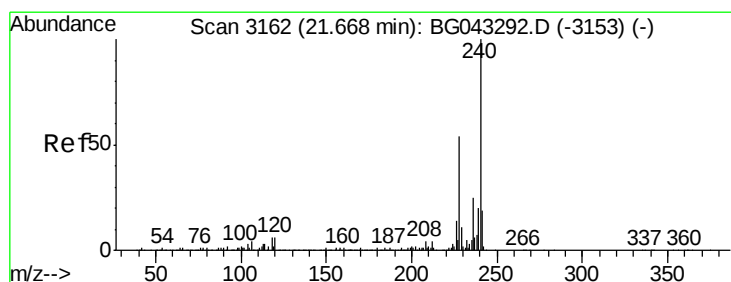
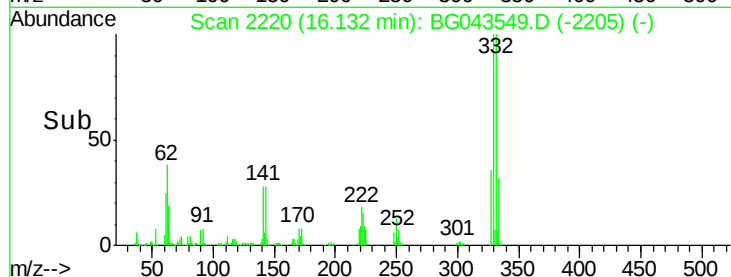
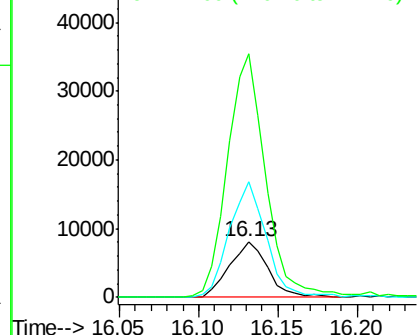
#67
4-Bromophenyl-phenylether
Concen: 4.675 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Instrument :
BNA_G
ClientSampled :
10-A

Tgt Ion:248 Resp: 13603
Ion Ratio Lower Upper
248 100
250 208.7 77.0 115.4#
141 438.2 47.5 71.3#

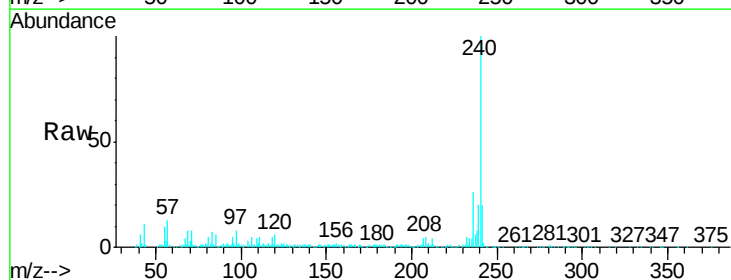


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

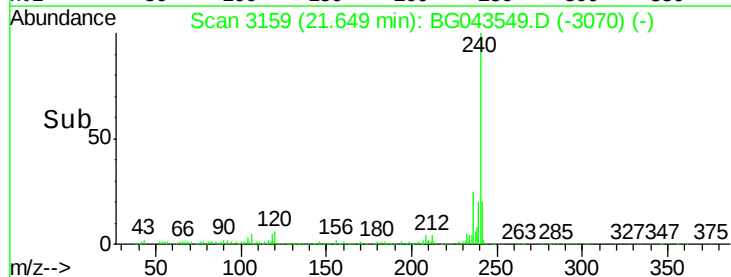
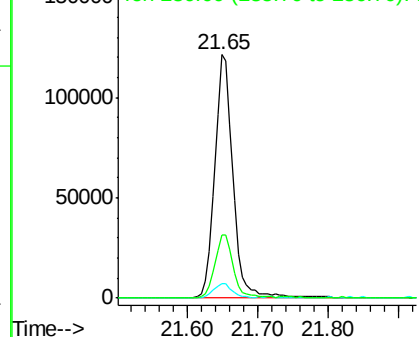


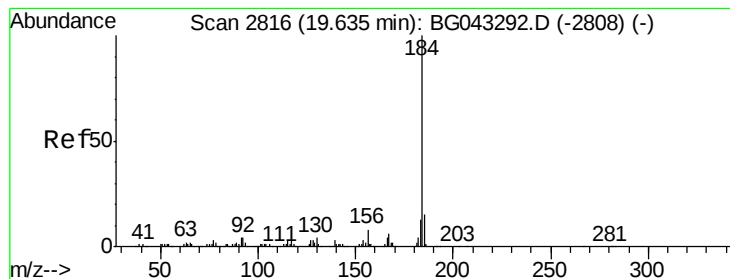
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Tgt Ion:240 Resp: 218810
Ion Ratio Lower Upper
240 100
120 5.8 4.6 6.8
236 25.8 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.898 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.37 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

10-A

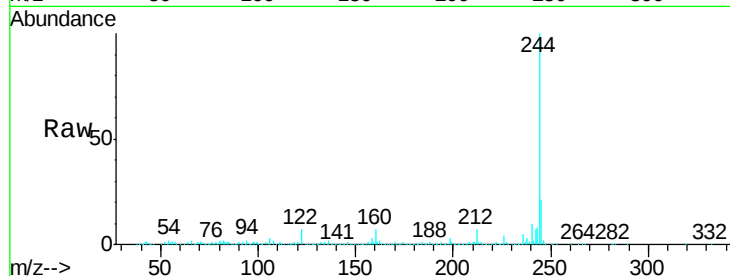
Tgt Ion:184 Resp: 12762

Ion Ratio Lower Upper

184 100

185 23.1 11.0 16.4#

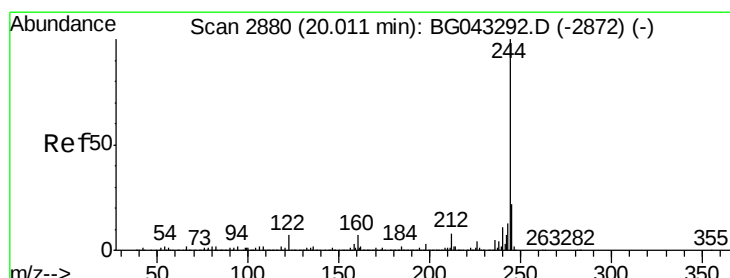
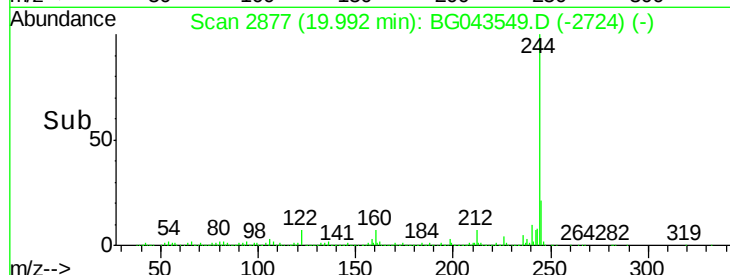
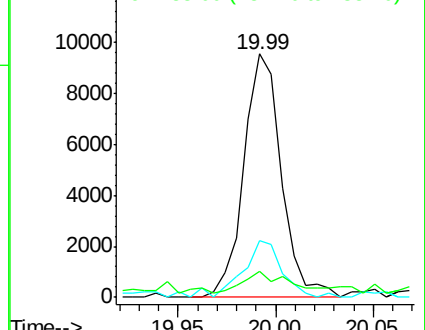
183 10.6 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 76.681 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

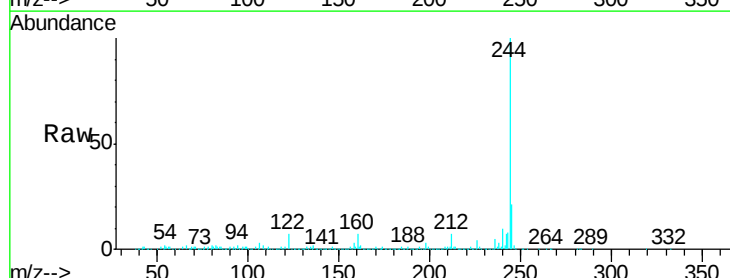
Tgt Ion:244 Resp: 894356

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

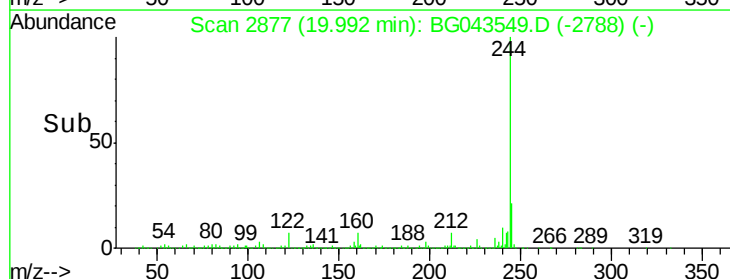
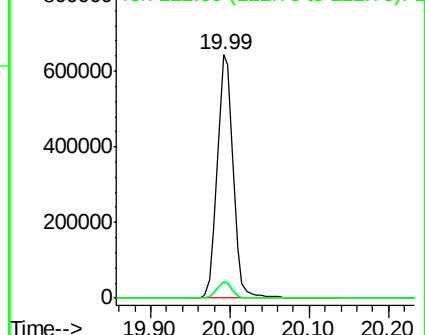
122 6.7 5.4 8.2

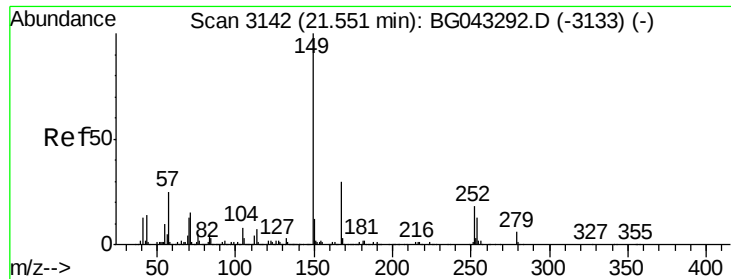


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.263 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

10-A

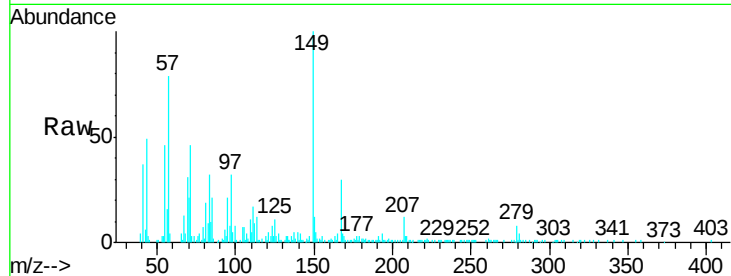
Tgt Ion:149 Resp: 45651

Ion Ratio Lower Upper

149 100

167 29.6 24.0 36.0

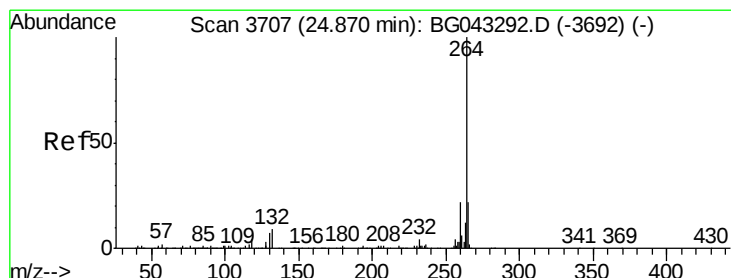
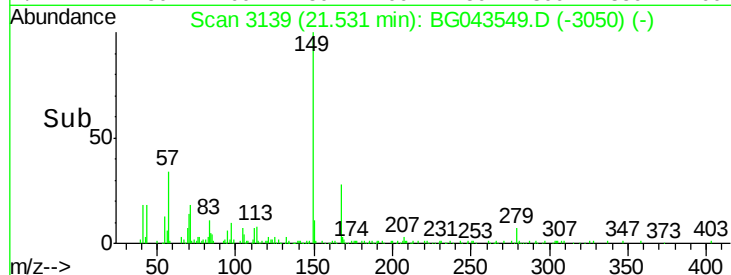
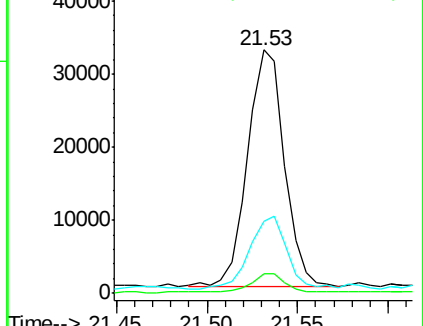
279 7.9 5.4 8.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

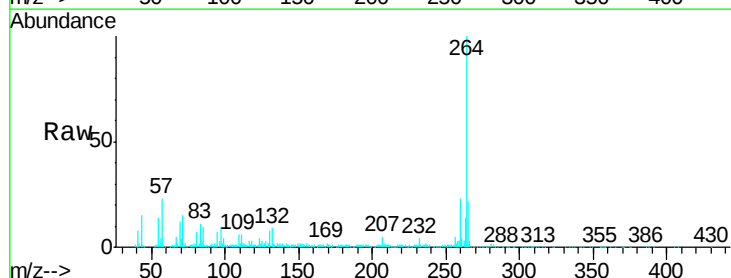
Tgt Ion:264 Resp: 252703

Ion Ratio Lower Upper

264 100

260 23.2 17.5 26.3

265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

