

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043359.D
 Acq On : 28 Oct 2019 20:52
 Operator : JU
 Sample : K5539-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:18:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

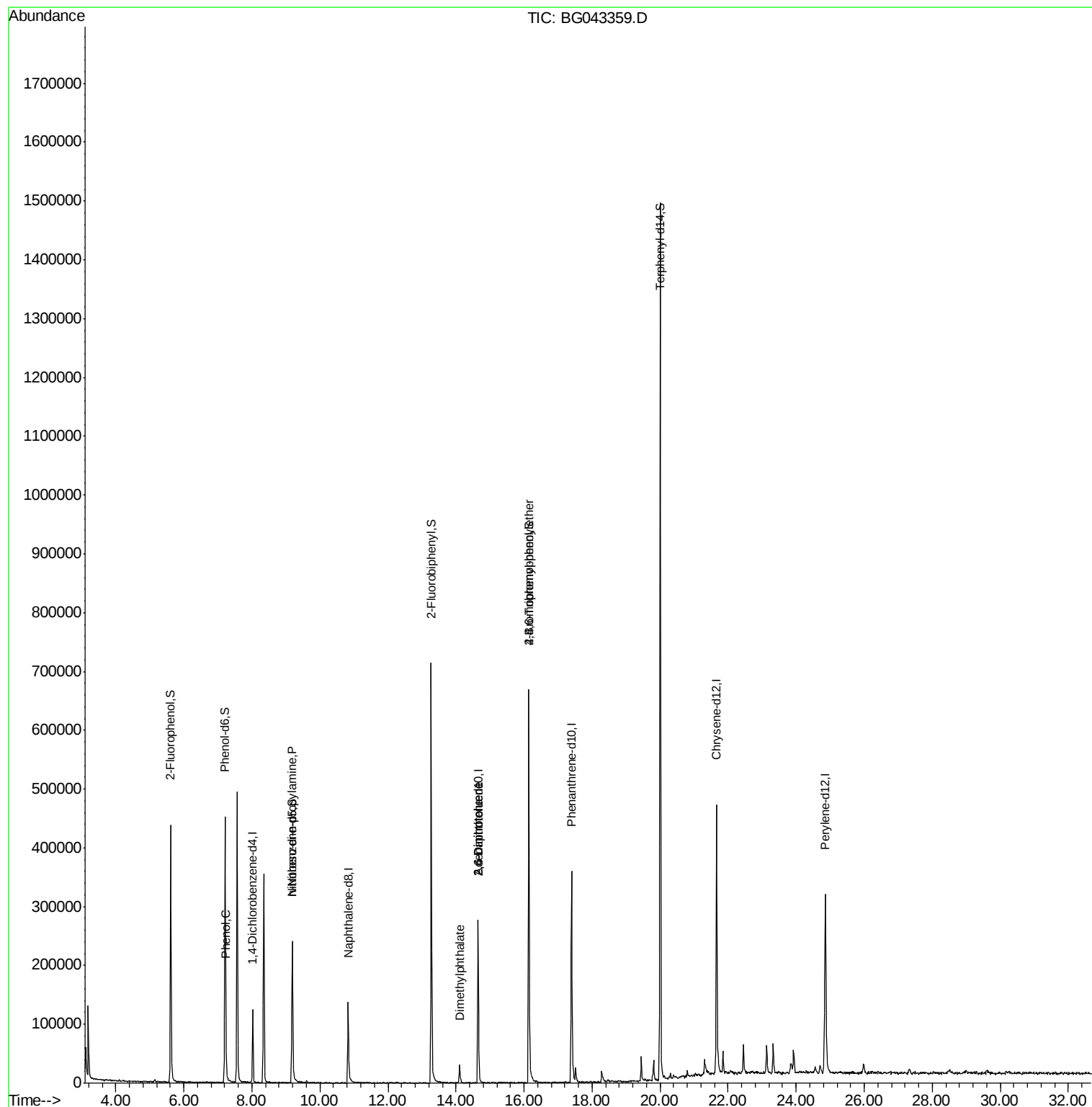
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40080	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	136630	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	109491	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	263729	20.00	ng	0.00
76) Chrysene-d12	21.66	240	300401	20.00	ng	0.00
87) Perylene-d12	24.85	264	349198	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	207459	94.85	ng	0.00
7) Phenol-d6	7.21	99	298472	94.85	ng	0.01
23) Nitrobenzene-d5	9.18	82	168233	63.48	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	177831	85.35	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	436593	55.10	ng	0.00
79) Terphenyl-d14	20.00	244	848867	53.01	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	10387	3.612	ng	76
19) n-Nitroso-di-n-propylamine	9.18	70	23808	11.708	ng	# 72
50) Dimethylphthalate	14.11	163	30977	3.653	ng	# 94
51) 2,6-Dinitrotoluene	14.65	165	15097	8.194	ng	# 25
57) 2,4-Dinitrotoluene	14.65	165	15098	5.734	ng	# 27
67) 4-Bromophenyl-phenylether	16.14	248	11646	3.281	ng	# 1

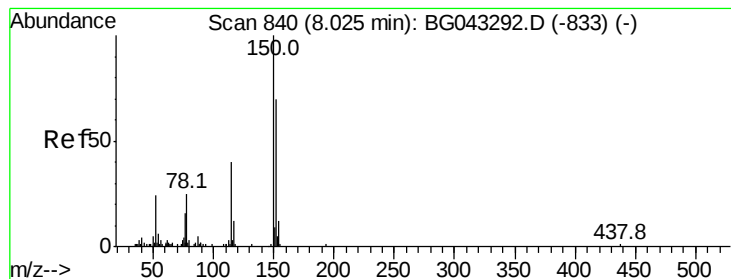
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043359.D
Acq On : 28 Oct 2019 20:52
Operator : JU
Sample : K5539-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 29 13:18:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



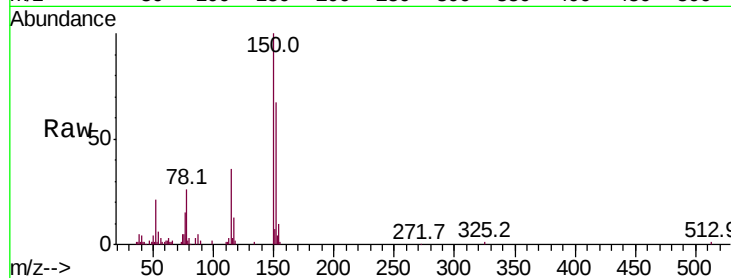


#1

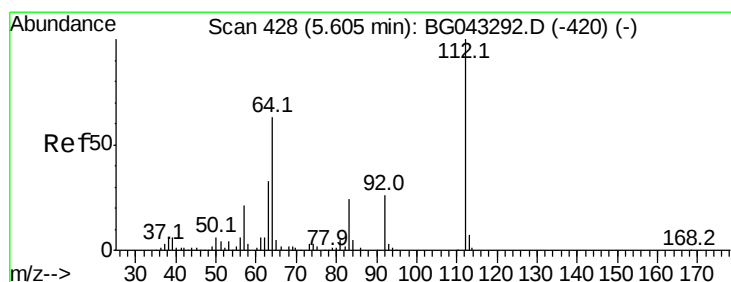
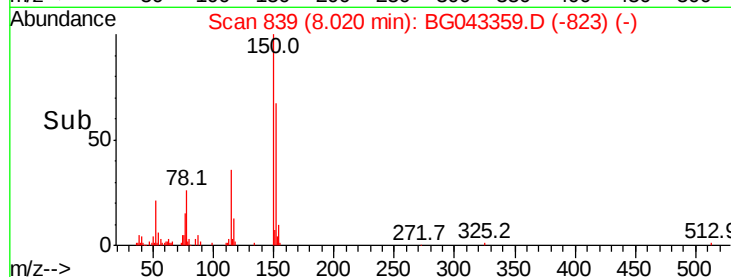
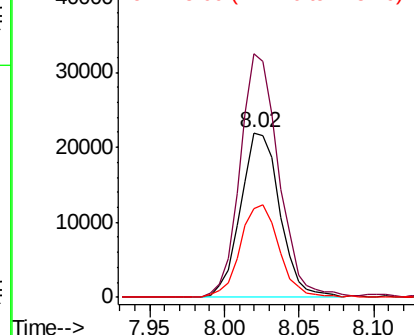
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043359.D
Acq: 28 Oct 2019 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	113.6	170.4
115	54.0	45.9	68.9



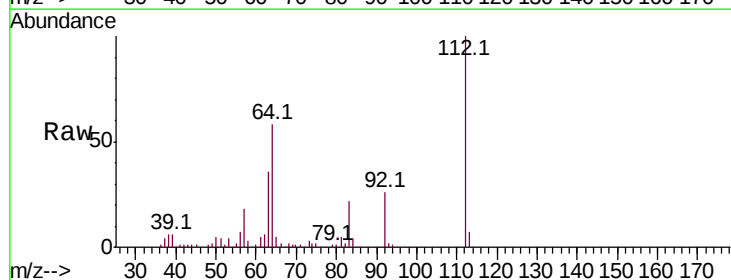
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



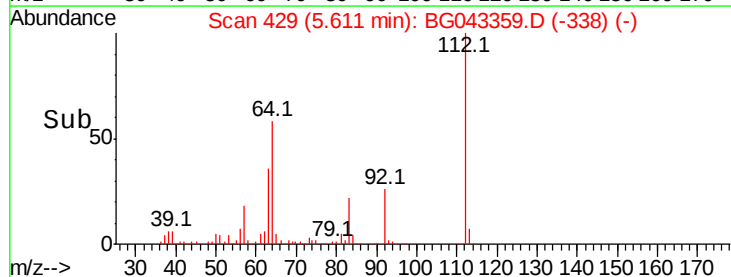
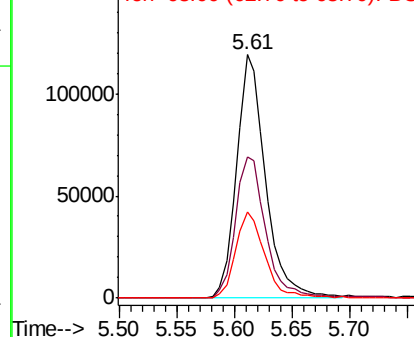
#5

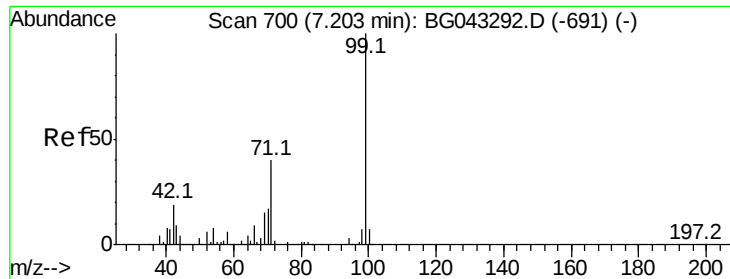
2-Fluorophenol
Concen: 94.850 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043359.D
Acq: 28 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	50.2	75.2
63	35.6	26.7	40.1



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





#7

Phenol-d6

Concen: 94.846 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

Instrument :

BNA_G

ClientSampled :

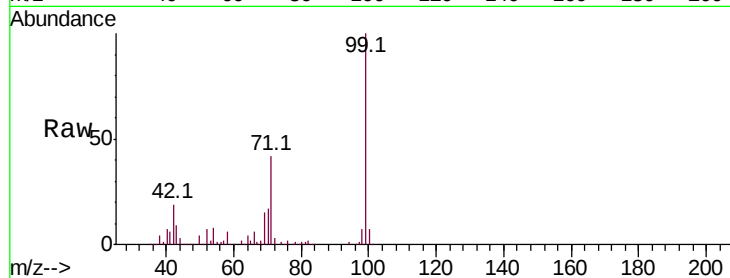
Tot Ion: 99 Resp: 298472

Ion Ratio Lower Upper

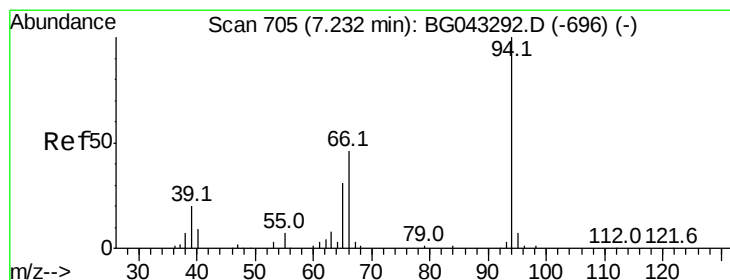
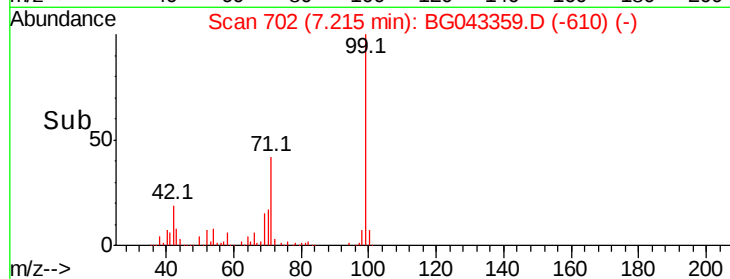
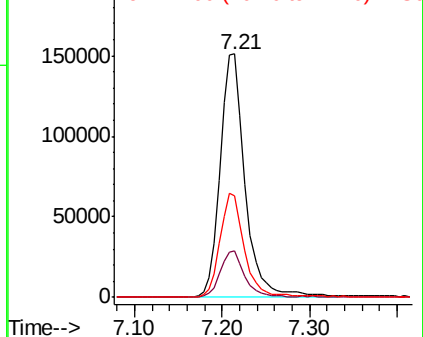
99 100

42 19.2 14.9 22.3

71 41.6 32.2 48.2



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



#10

Phenol

Concen: 3.612 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

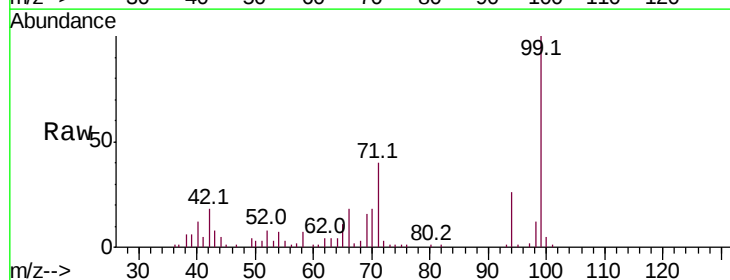
Tgt Ion: 94 Resp: 10387

Ion Ratio Lower Upper

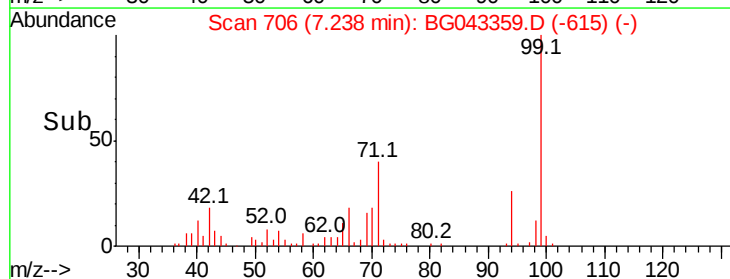
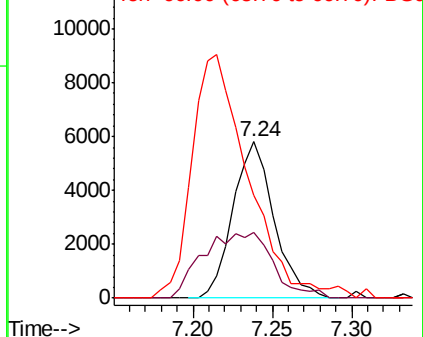
94 100

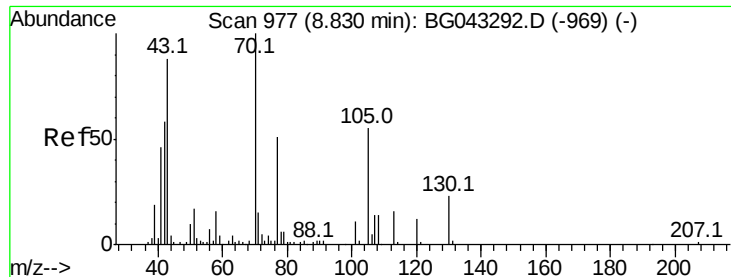
65 41.9 11.1 51.1

66 66.2 27.8 67.8



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

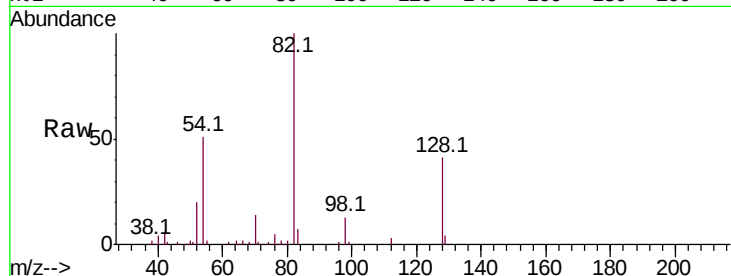




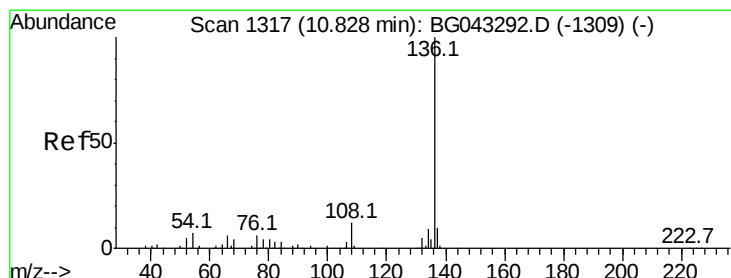
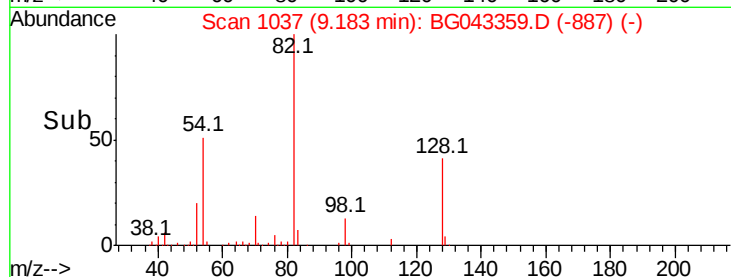
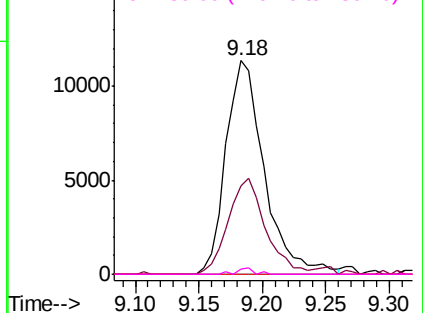
#19
n-Nitroso-di-n-propylamine
Concen: 11.708 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043359.D
Acq: 28 Oct 2019 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 23808
Ion Ratio Lower Upper
70 100
42 41.5 46.2 69.2#
101 0.0 8.6 13.0#
130 2.5 18.6 27.8#

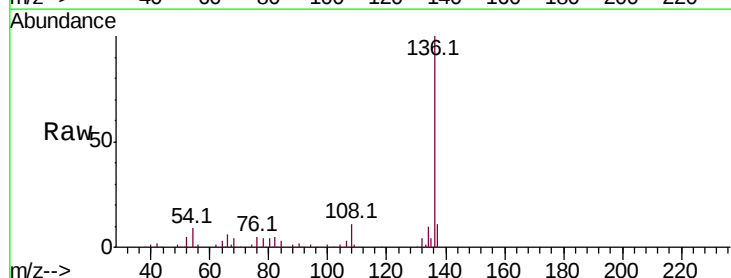


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

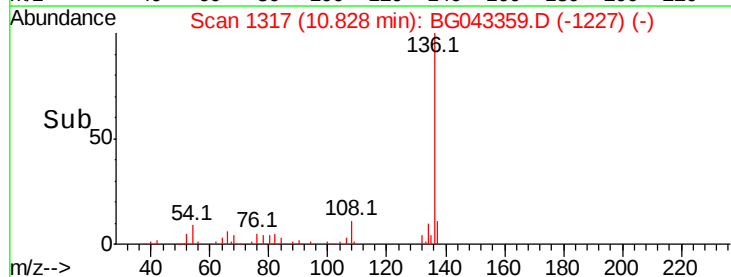
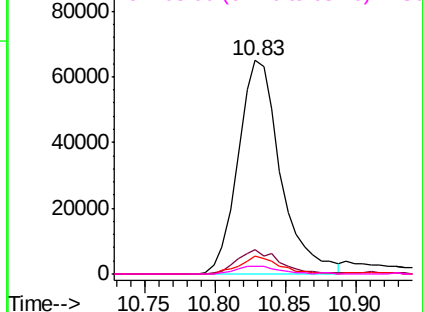


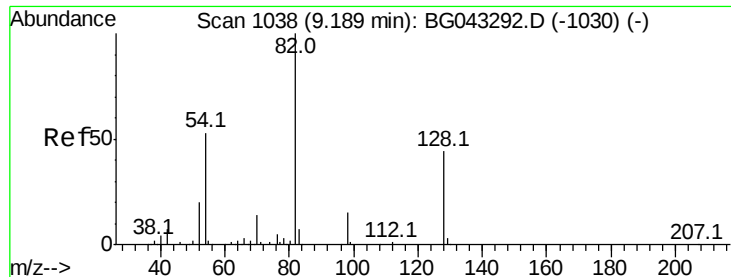
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043359.D
Acq: 28 Oct 2019 20:52

Tgt Ion:136 Resp: 136630
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 8.6 5.4 8.2#
68 3.8 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

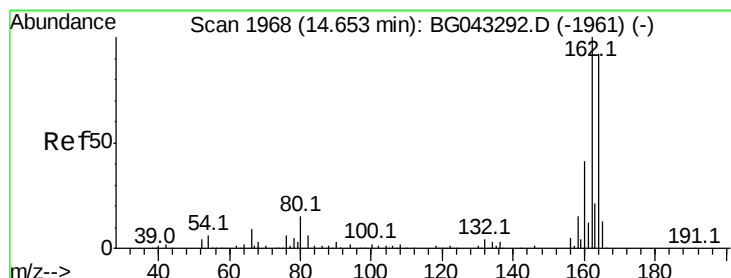
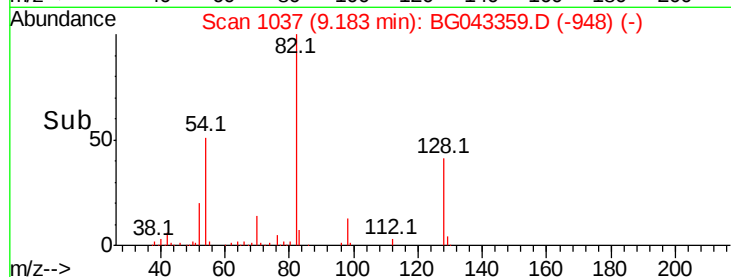
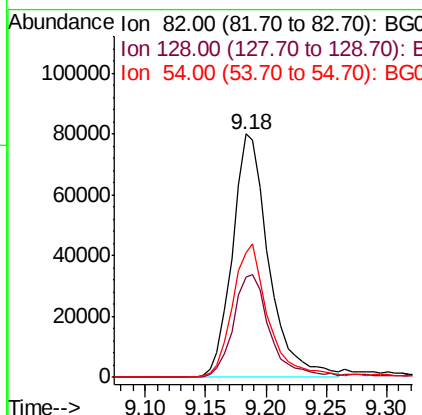
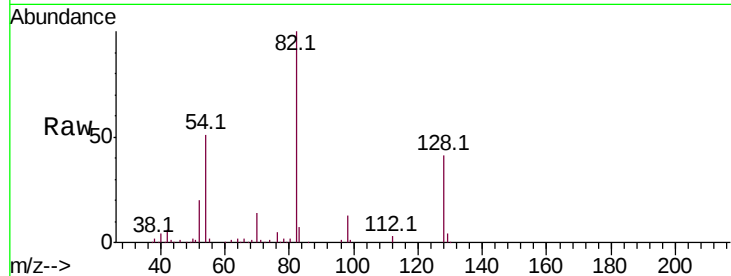




#23
 Nitrobenzene-d5
 Concen: 63.479 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043359.D
 Acq: 28 Oct 2019 20:52

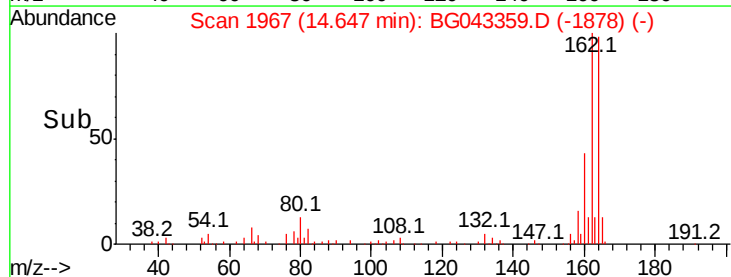
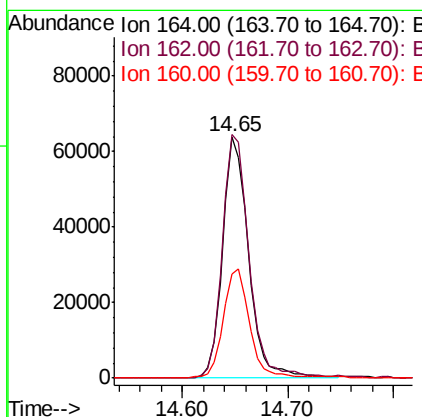
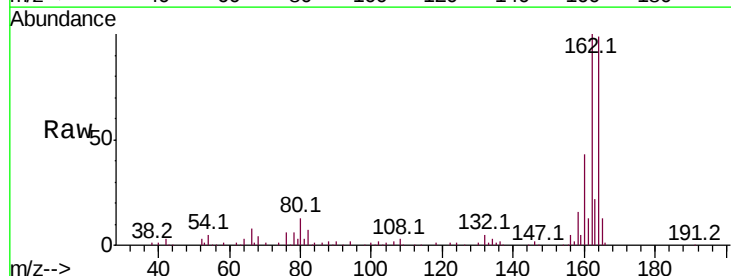
Instrument :
 BNA_G
 ClientSampleId :

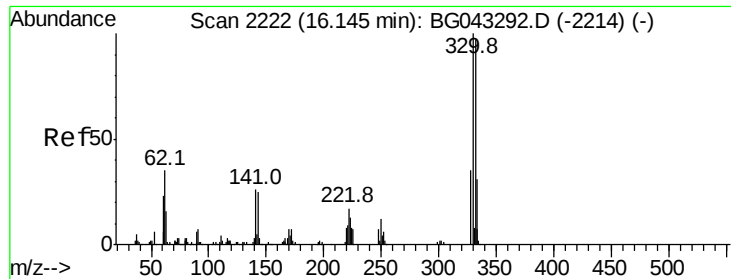
Tot Ion	82	Resp	168233
Ion Ratio	Lower	Upper	
82	100		
128	41.1	35.3	52.9
54	51.1	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043359.D
 Acq: 28 Oct 2019 20:52

Tgt Ion	164	Resp	109491
Ion Ratio	Lower	Upper	
164	100		
162	100.9	87.0	130.4
160	43.0	35.5	53.3

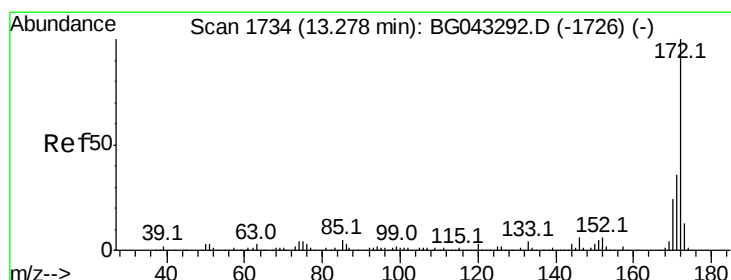
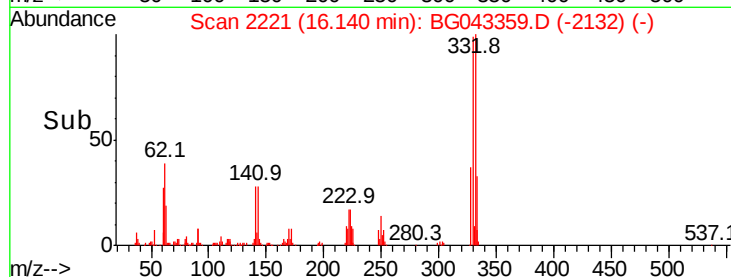
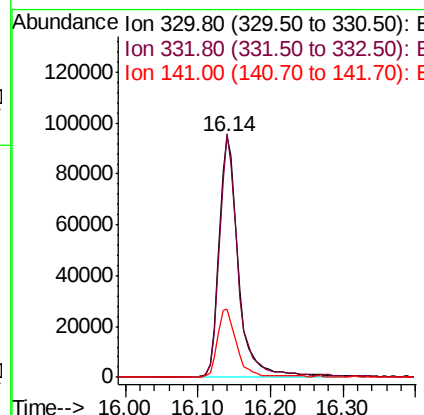
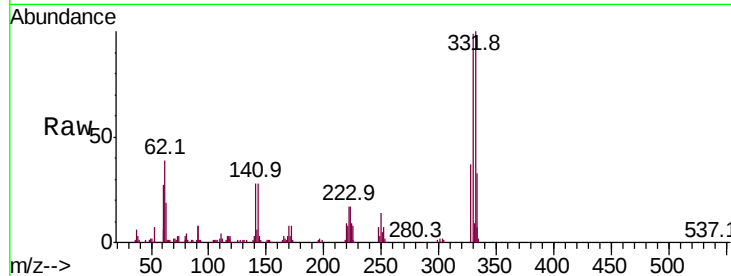




#42
 2,4,6-Tribromophenol
 Concen: 85.347 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043359.D
 Acq: 28 Oct 2019 20:52

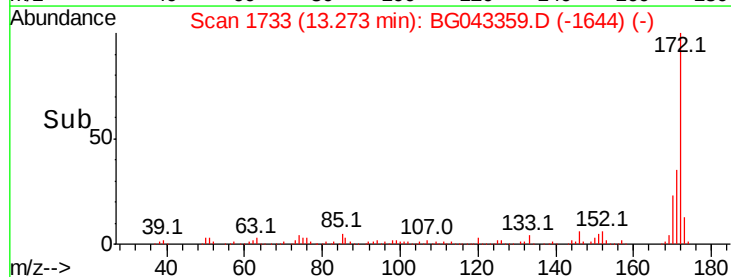
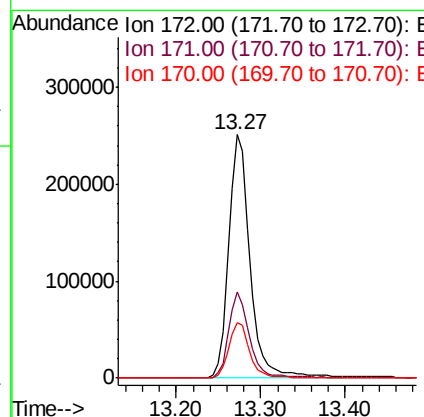
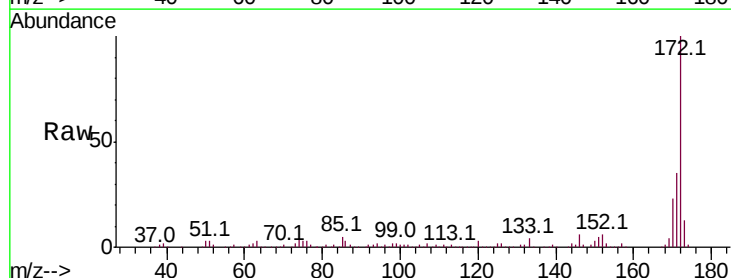
Instrument :
 BNA_G
 ClientSampleId :

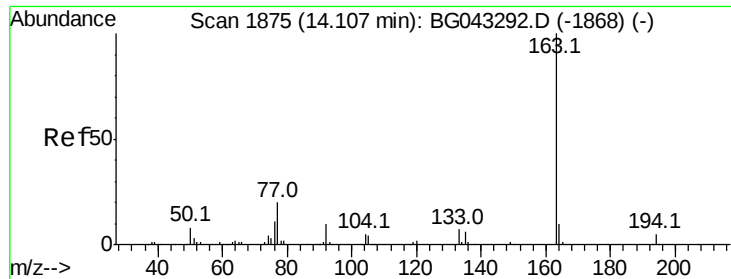
Tot Ion:330 Resp: 177831
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.4 114.6
 141 28.2 21.4 32.0



#45
 2-Fluorobiphenyl
 Concen: 55.099 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043359.D
 Acq: 28 Oct 2019 20:52

Tgt Ion:172 Resp: 436593
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 22.8 18.8 28.2





#50

Dimethylphthalate

Concen: 3.653 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

Instrument :

BNA_G

ClientSampleId :

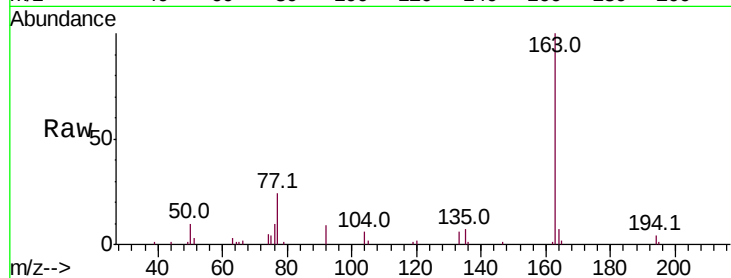
Tot Ion:163 Resp: 30977

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

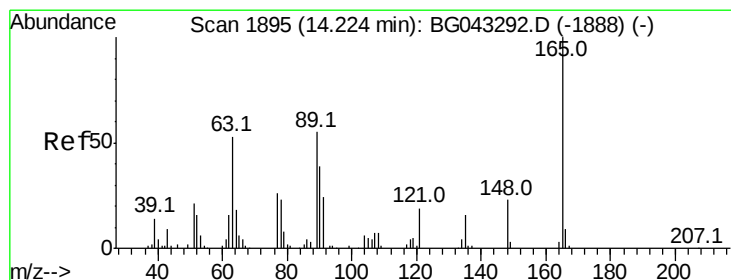
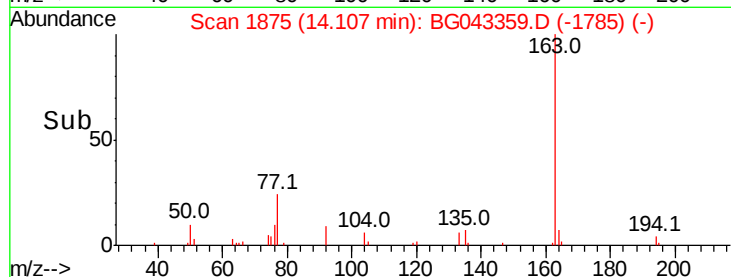
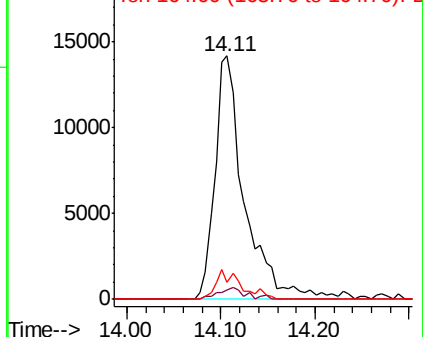
164 7.1 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.194 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.42 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

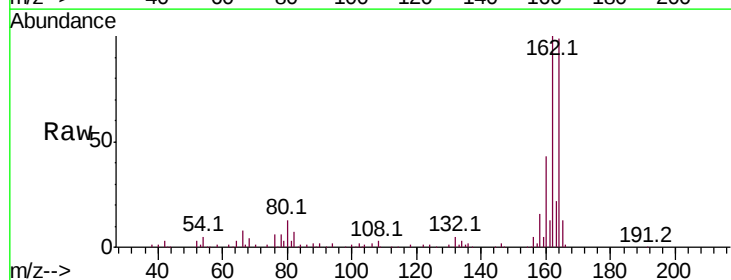
Tgt Ion:165 Resp: 15097

Ion Ratio Lower Upper

165 100

63 1.9 47.1 70.7#

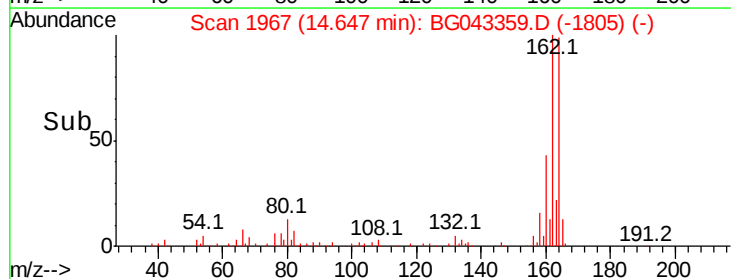
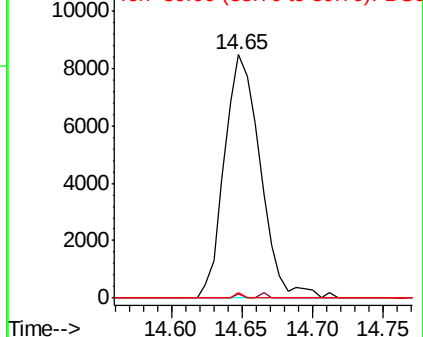
89 2.1 43.7 65.5#

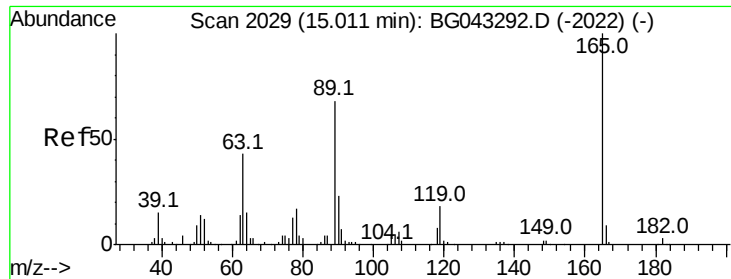


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

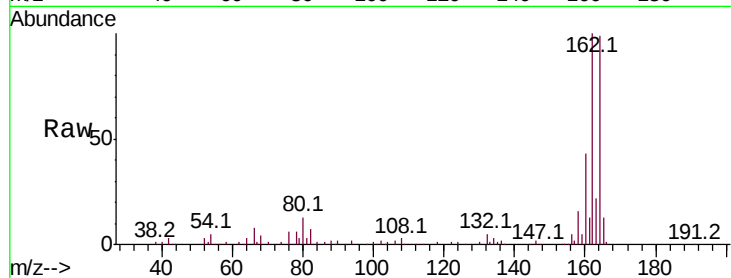




#57
 2,4-Dinitrotoluene
 Concen: 5.734 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043359.D
 Acq: 28 Oct 2019 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	35.0	52.6#
89	2.1	54.1	81.1#
182	0.0	2.2	3.2#

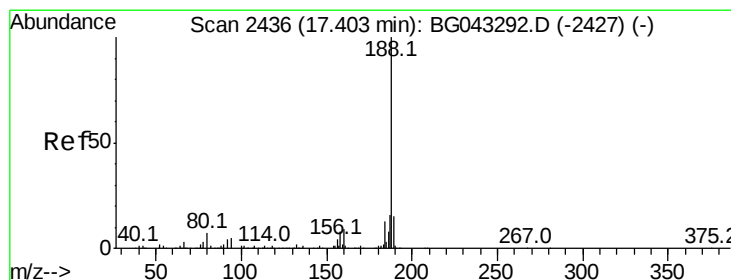
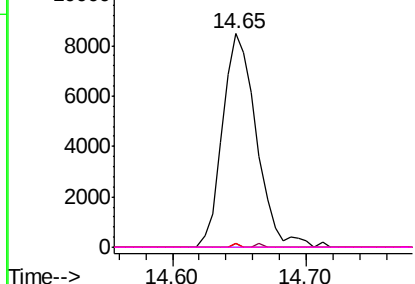
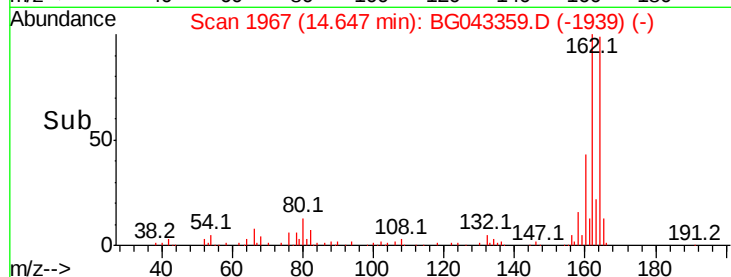


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

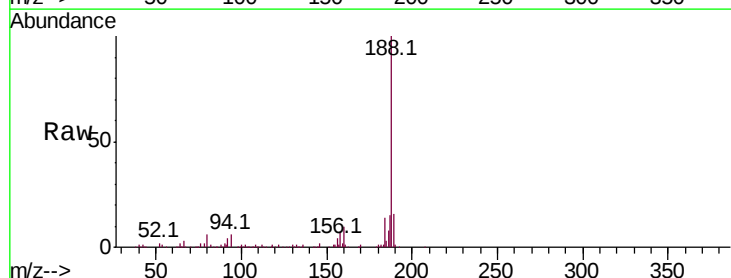
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043359.D
 Acq: 28 Oct 2019 20:52

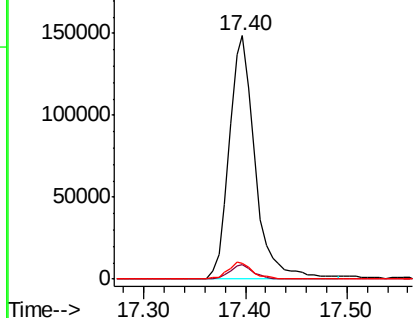
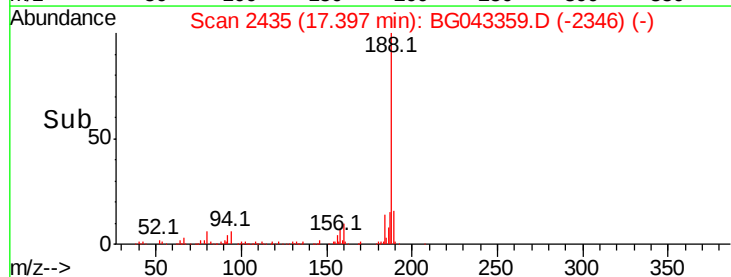
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	6.4	5.2	7.8

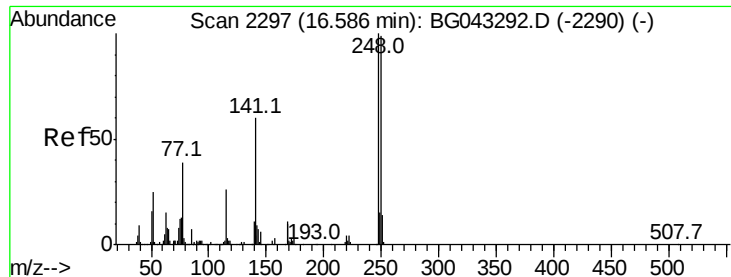


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

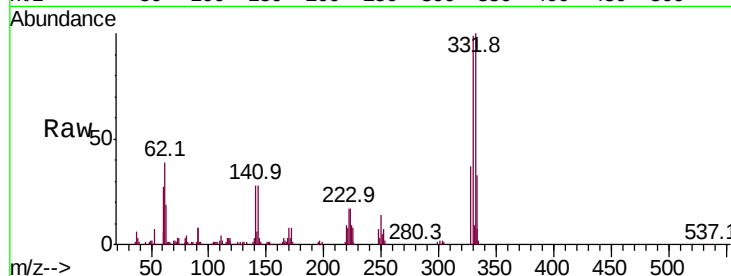




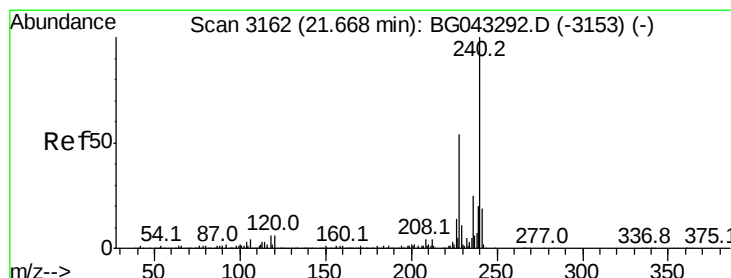
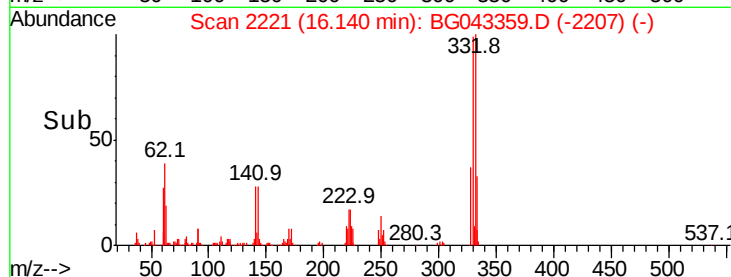
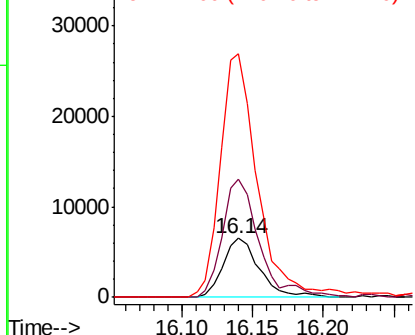
#67
4-Bromophenyl-phenylether
Concen: 3.281 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043359.D
Acq: 28 Oct 2019 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11646
Ion Ratio Lower Upper
248 100
250 201.2 79.3 118.9#
141 412.3 47.9 71.9#

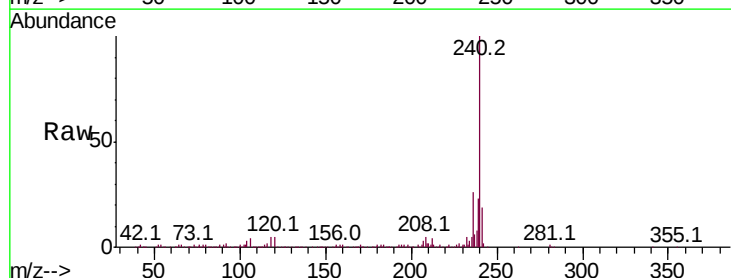


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

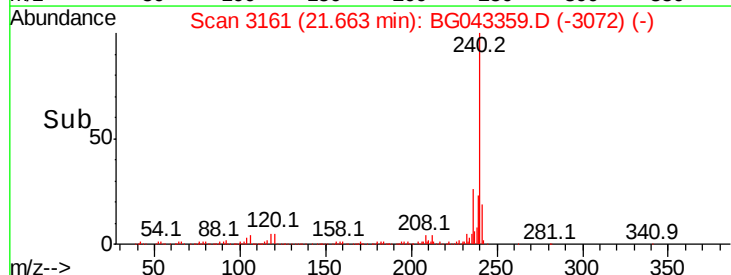
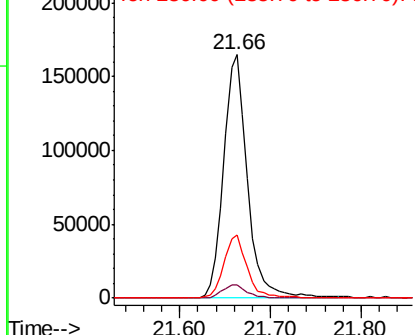


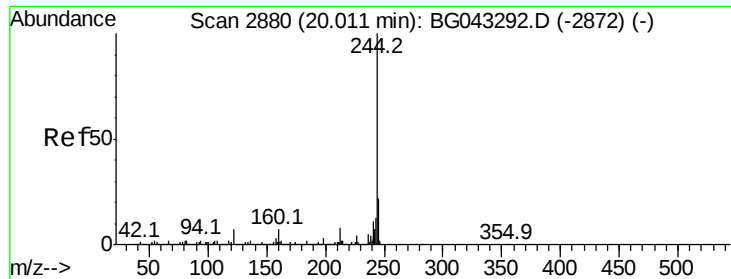
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043359.D
Acq: 28 Oct 2019 20:52

Tgt Ion:240 Resp: 300401
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 26.1 20.2 30.4



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





#79

Terphenyl-d14

Concen: 53.013 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

Instrument :

BNA_G

ClientSampleId :

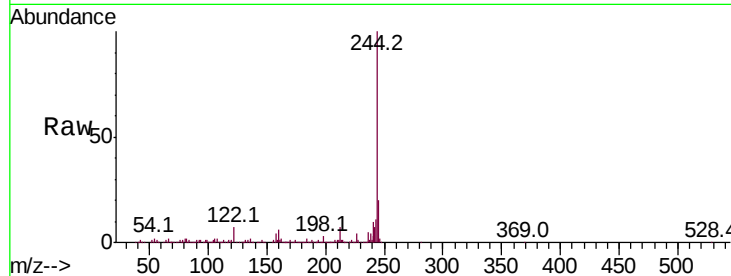
Tot Ion:244 Resp: 848867

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

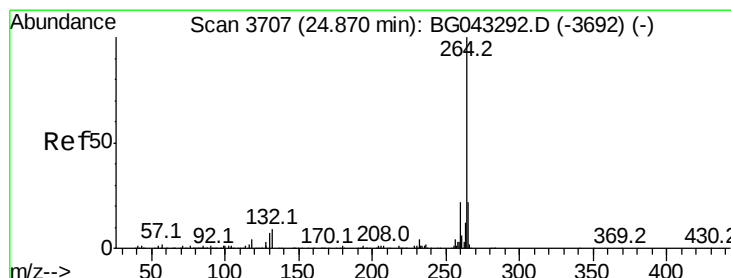
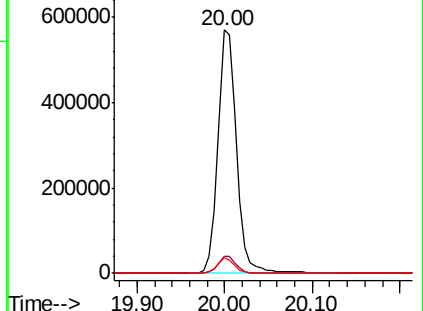
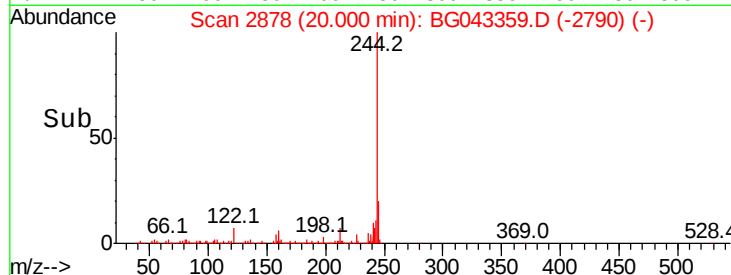
122 6.7 5.3 7.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

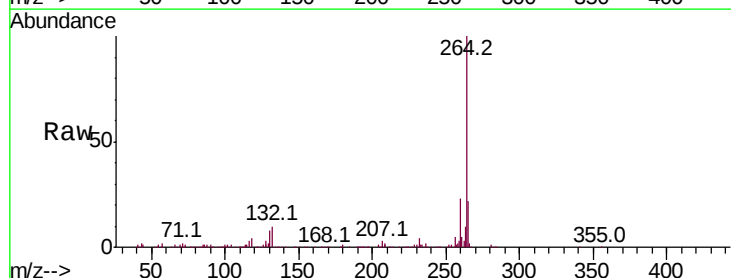
Tgt Ion:264 Resp: 349198

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 22.0 17.4 26.2



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

