

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043650.D
 Acq On : 15 Nov 2019 7:38
 Operator : JU
 Sample : PB124801BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

Quant Time: Nov 15 08:31:54 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	8.00	152	30616	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	111128	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	83351	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	190865	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	199321	20.00	ng	-0.02
87) Perylene-d12	24.82	264	233964	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	142470	85.27	ng	0.00
7) Phenol-d6	7.20	99	120919	50.30	ng	0.00
23) Nitrobenzene-d5	9.16	82	208168	96.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	202651	127.76	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	570761	94.62	ng	-0.02
79) Terphenyl-d14	19.98	244	1095654	103.13	ng	-0.02

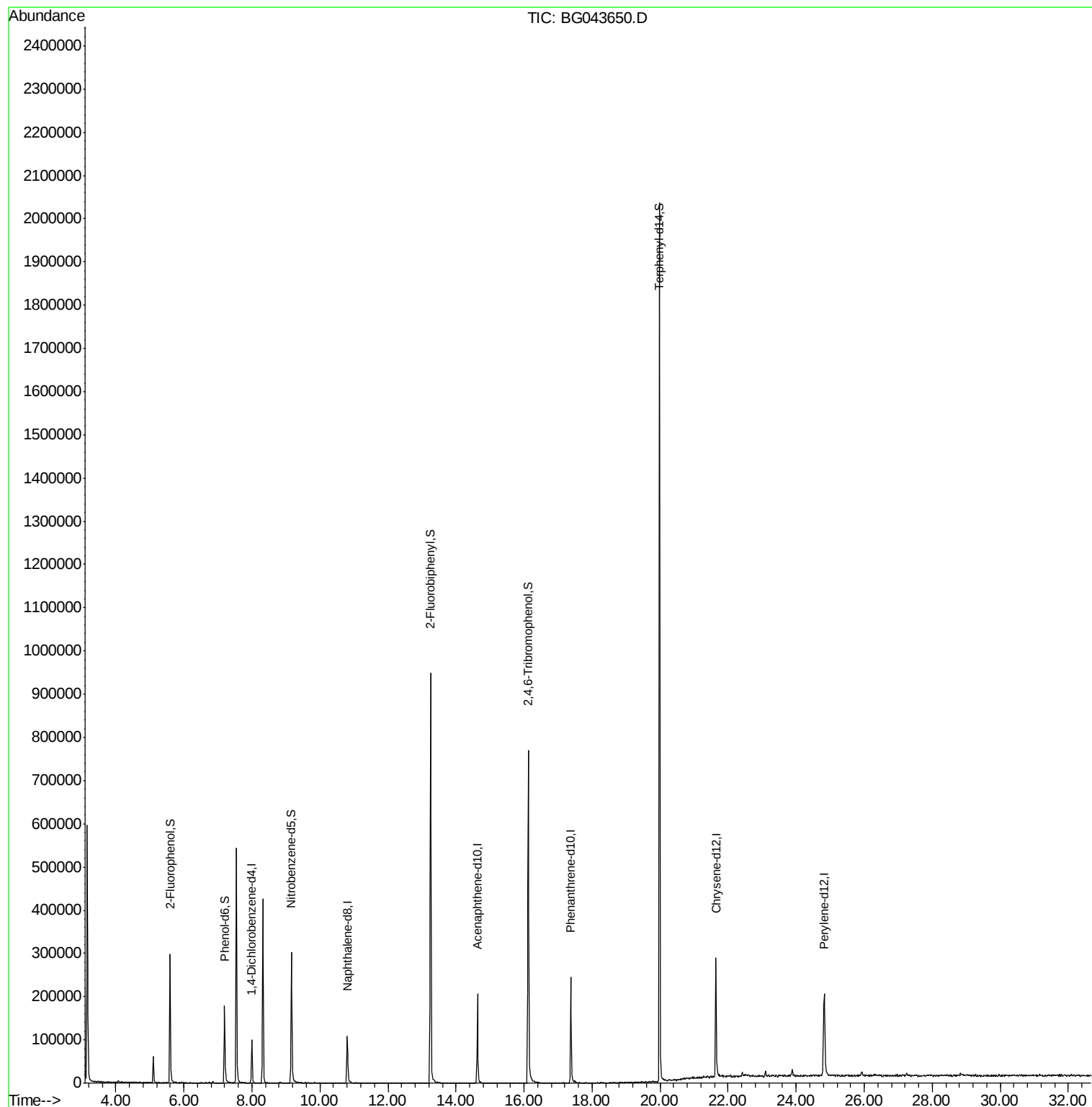
Target Compounds Qvalue

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

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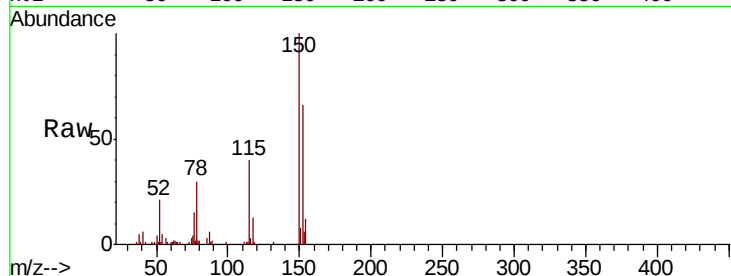


#1

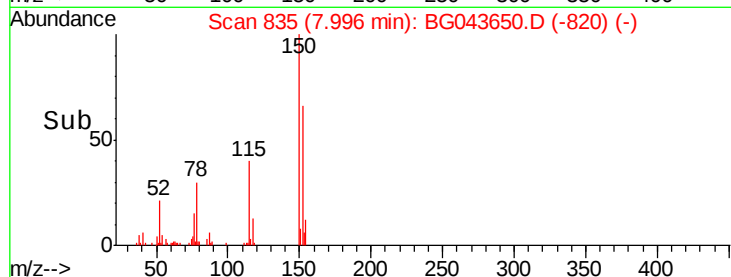
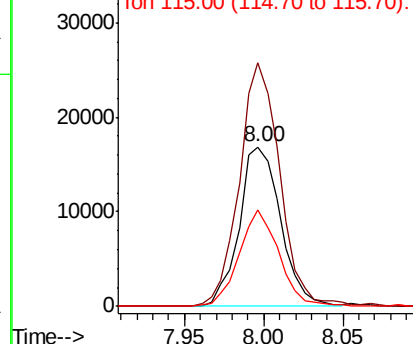
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043650.D
Acq: 15 Nov 2019 7:38

Instrument :
BNA_G
ClientSampleId :
PB124801BL

Tot Ion:152 Resp: 30616
Ion Ratio Lower Upper
152 100
150 152.5 129.4 194.0
115 60.8 48.8 73.2



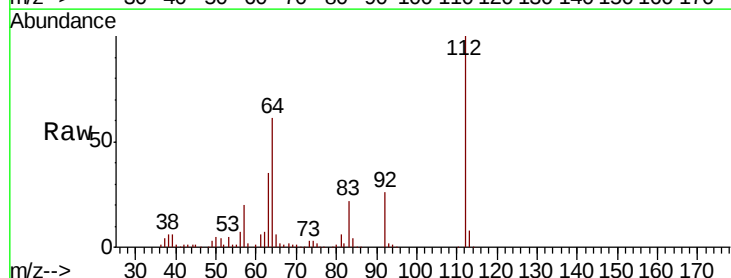
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



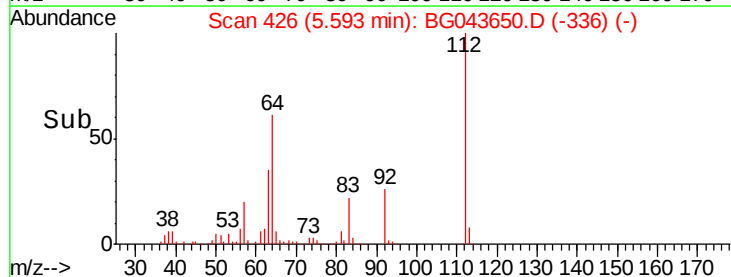
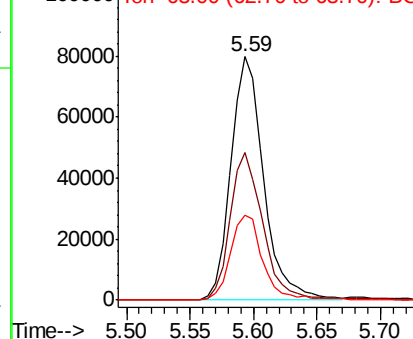
#5

2-Fluorophenol
Concen: 85.272 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043650.D
Acq: 15 Nov 2019 7:38

Tgt Ion:112 Resp: 142470
Ion Ratio Lower Upper
112 100
64 60.9 50.0 75.0
63 35.0 26.6 40.0



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: 50.302 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043650.D

Acq: 15 Nov 2019 7:38

Instrument :

BNA_G

ClientSampleId :

PB124801BL

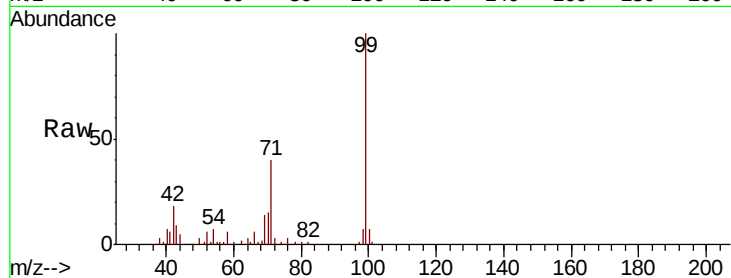
Tot Ion: 99 Resp: 120919

Ion Ratio Lower Upper

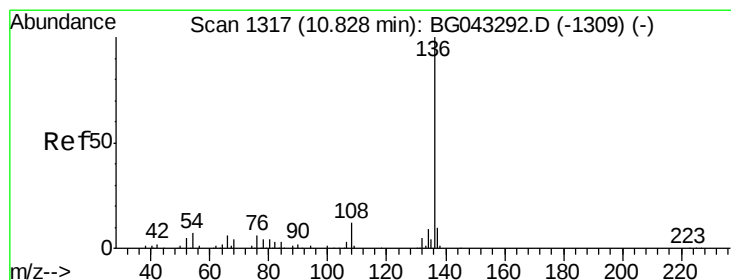
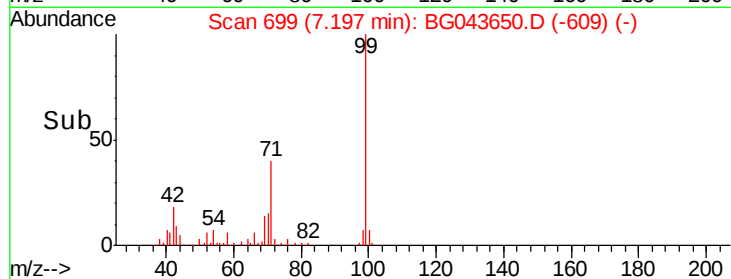
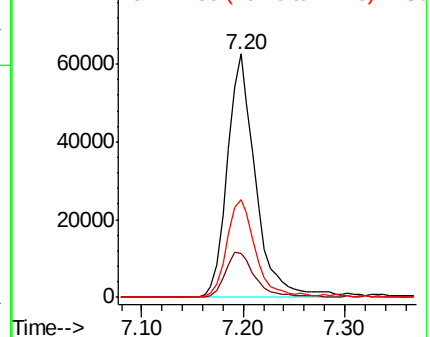
99 100

42 18.1 14.6 21.8

71 40.3 32.5 48.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043650.D

Acq: 15 Nov 2019 7:38

Tgt Ion: 136 Resp: 111128

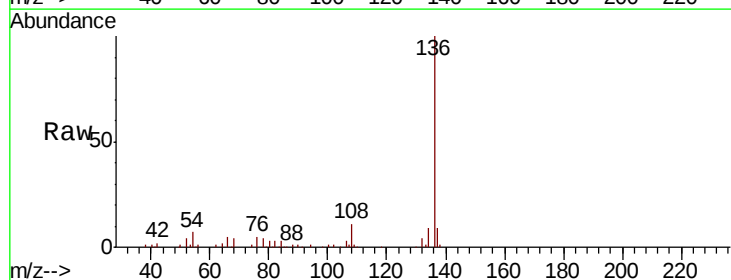
Ion Ratio Lower Upper

136 100

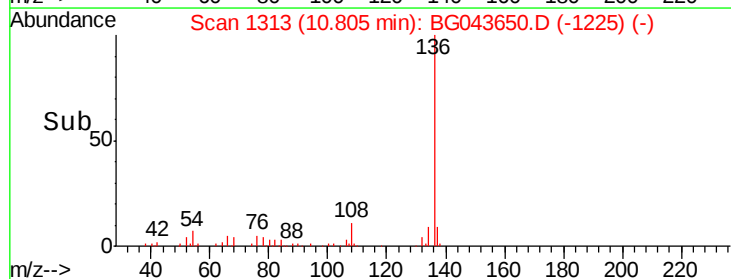
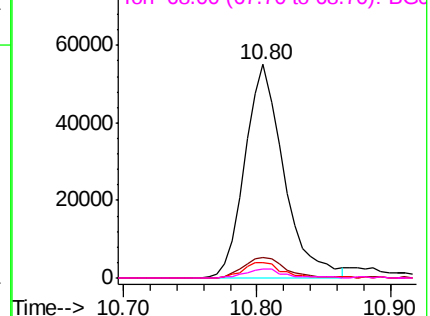
137 9.5 8.7 13.1

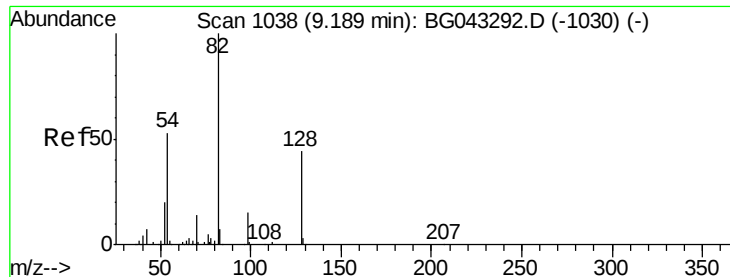
54 6.9 5.4 8.2

68 4.2 3.0 4.4



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

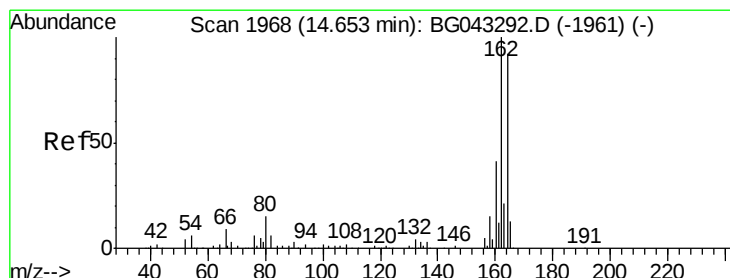
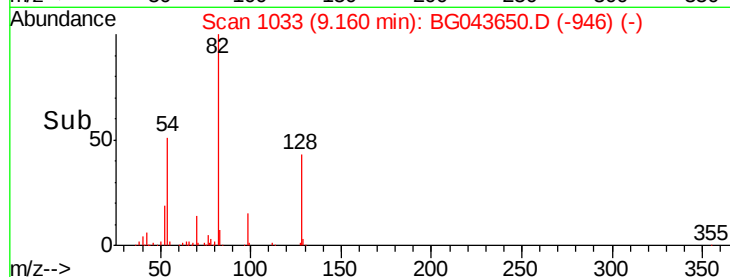
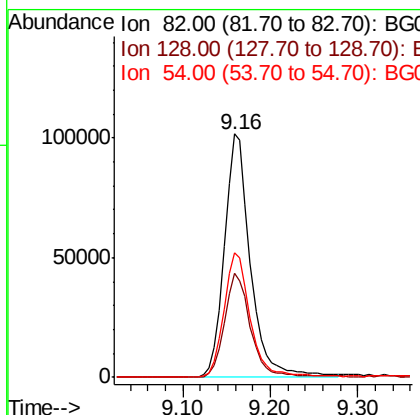
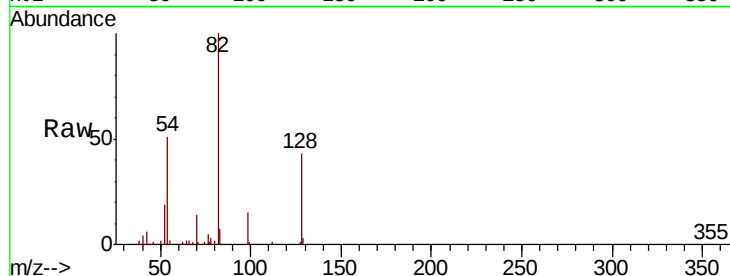




#23
Nitrobenzene-d5
Concen: 96.573 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043650.D
Acq: 15 Nov 2019 7:38

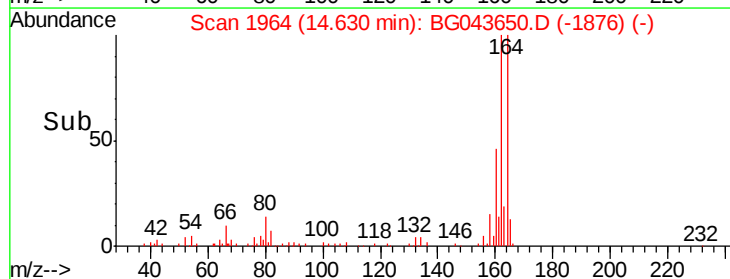
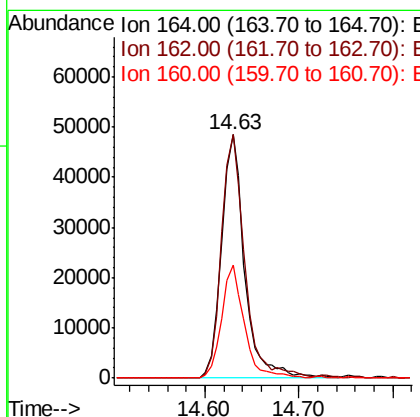
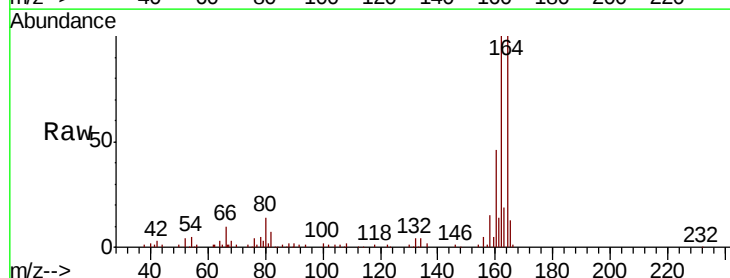
Instrument :
BNA_G
ClientSampleId :
PB124801BL

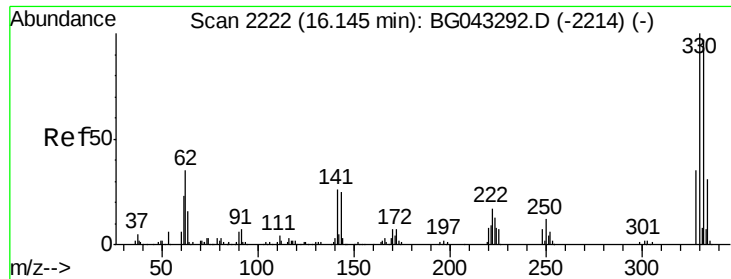
Tot Ion	82	Resp	208168
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.0	52.6
54	51.0	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043650.D
Acq: 15 Nov 2019 7:38

Tgt Ion	164	Resp	83351
Ion Ratio	Lower	Upper	
164	100		
162	100.0	83.5	125.3
160	46.5	36.5	54.7

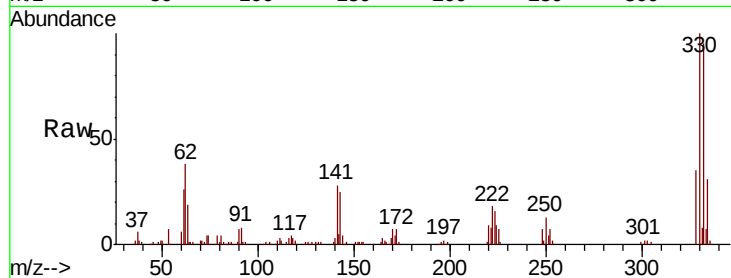




#42
 2,4,6-Tribromophenol
 Concen: 127.761 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043650.D
 Acq: 15 Nov 2019 7:38

Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	28.6	22.8	34.2

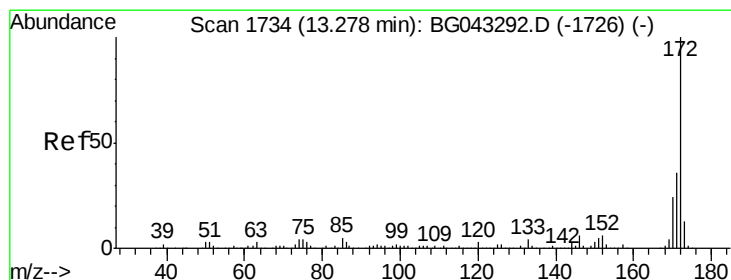
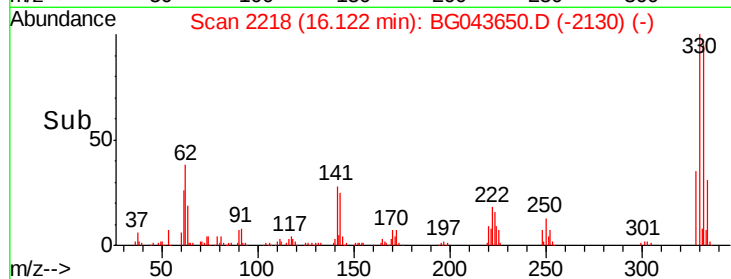
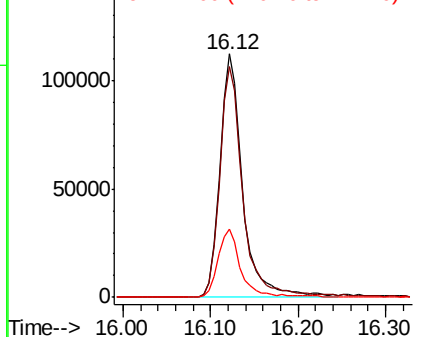


Abundance

Ion 329.80 (329.50 to 330.50): E

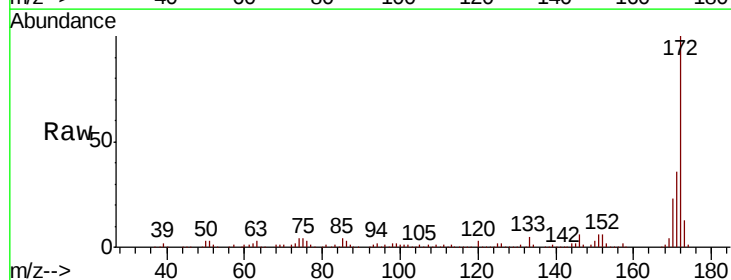
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.621 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043650.D
 Acq: 15 Nov 2019 7:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.4	18.5	27.7

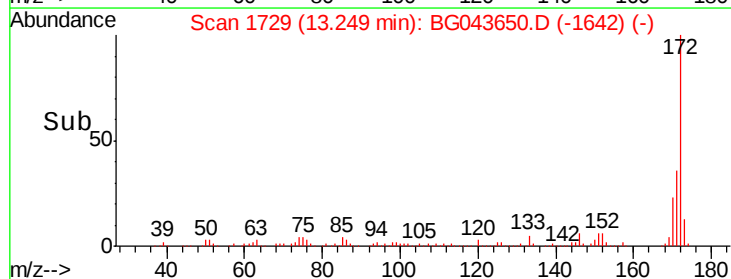
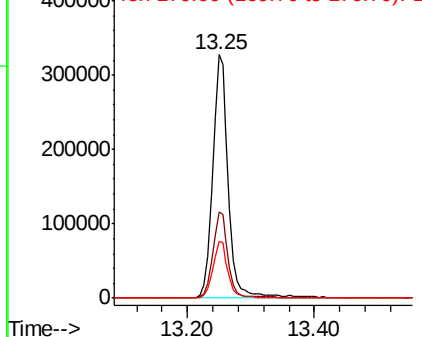


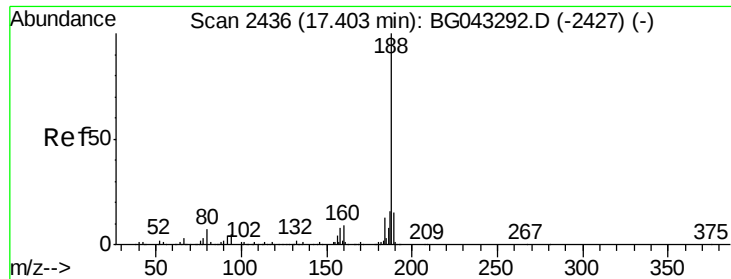
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

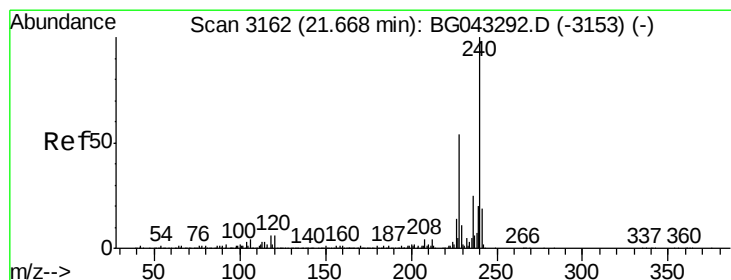
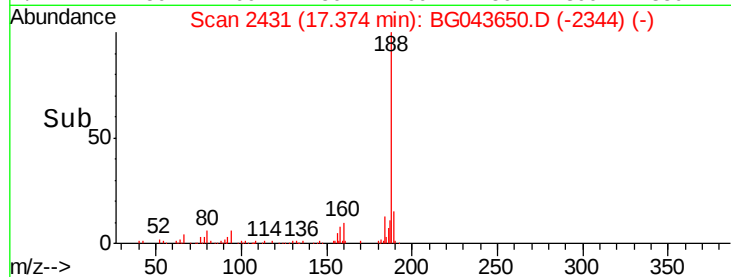
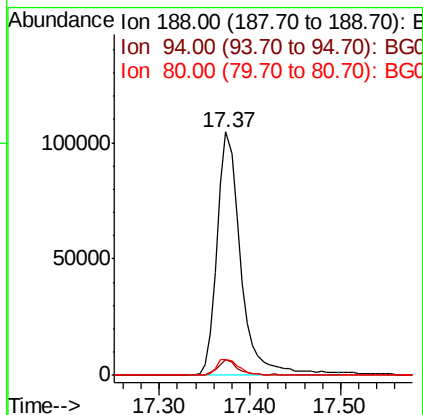
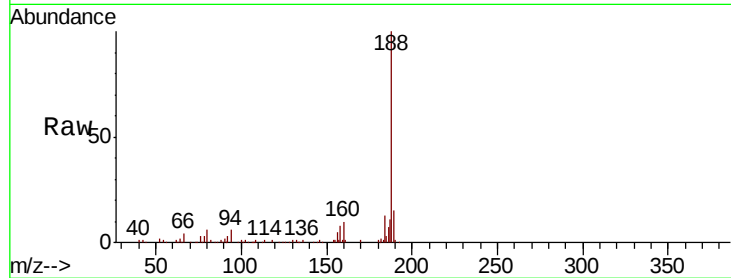




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG043650.D
 Acq: 15 Nov 2019 7:38

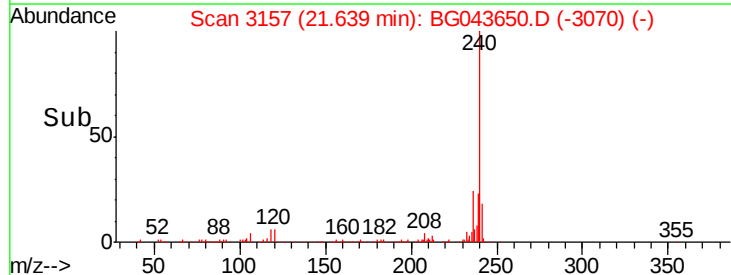
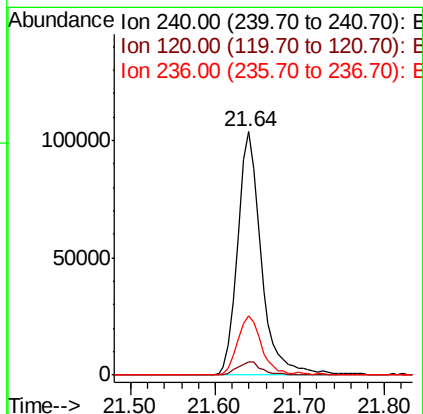
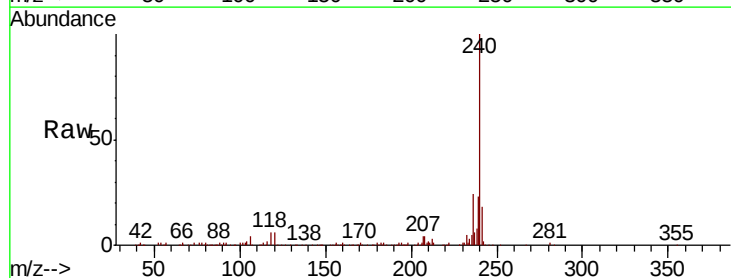
Instrument :
 BNA_G
 ClientSampleId :
 PB124801BL

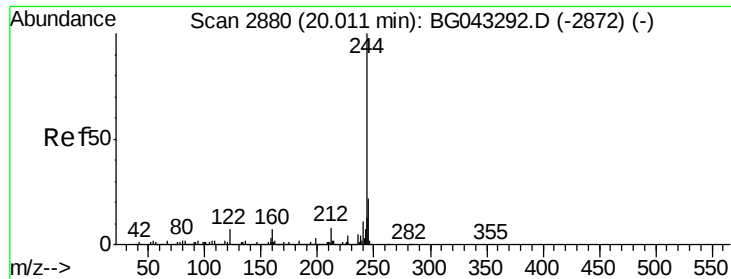
Tot Ion:	188	Resp:	190865
Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.4	4.5	6.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.02 min
 Lab File: BG043650.D
 Acq: 15 Nov 2019 7:38

Tgt Ion:	240	Resp:	199321
Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	6.8
236	24.1	19.8	29.8





#79

Terphenyl-d14

Concen: 103.126 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043650.D

Acq: 15 Nov 2019 7:38

Instrument :

BNA_G

ClientSampleId :

PB124801BL

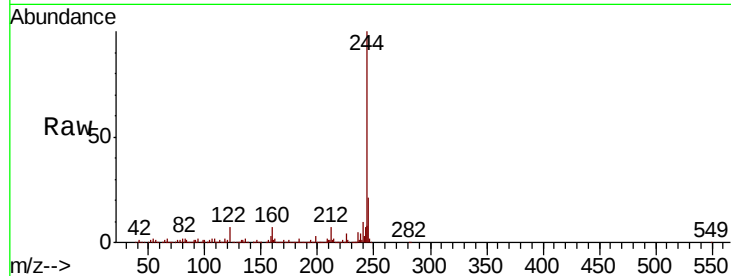
Tot Ion:244 Resp: 1095654

Ion Ratio Lower Upper

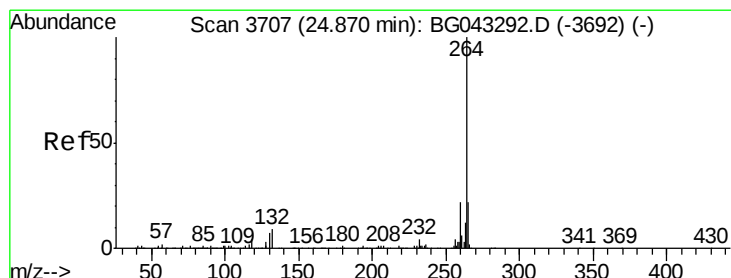
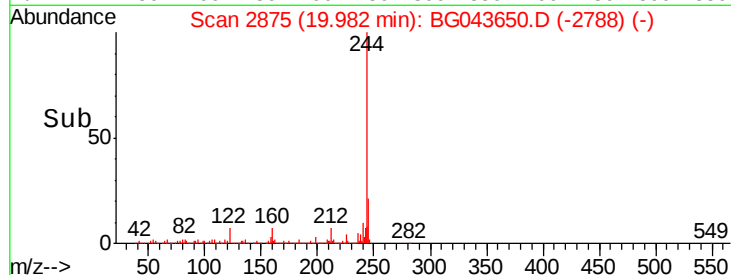
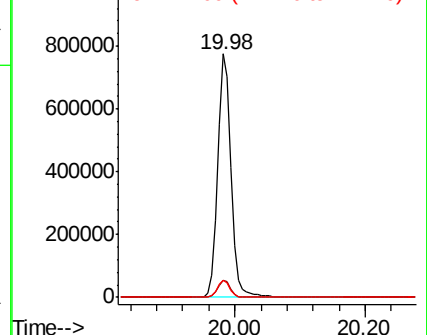
244 100

212 7.2 5.8 8.6

122 6.9 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043650.D

Acq: 15 Nov 2019 7:38

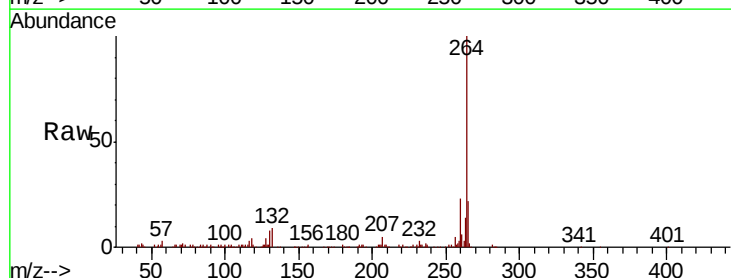
Tgt Ion:264 Resp: 233964

Ion Ratio Lower Upper

264 100

260 22.5 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

