

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043657.D
 Acq On : 15 Nov 2019 19:15
 Operator : JU
 Sample : PB124801TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124801TB

Quant Time: Nov 16 02:11:24 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

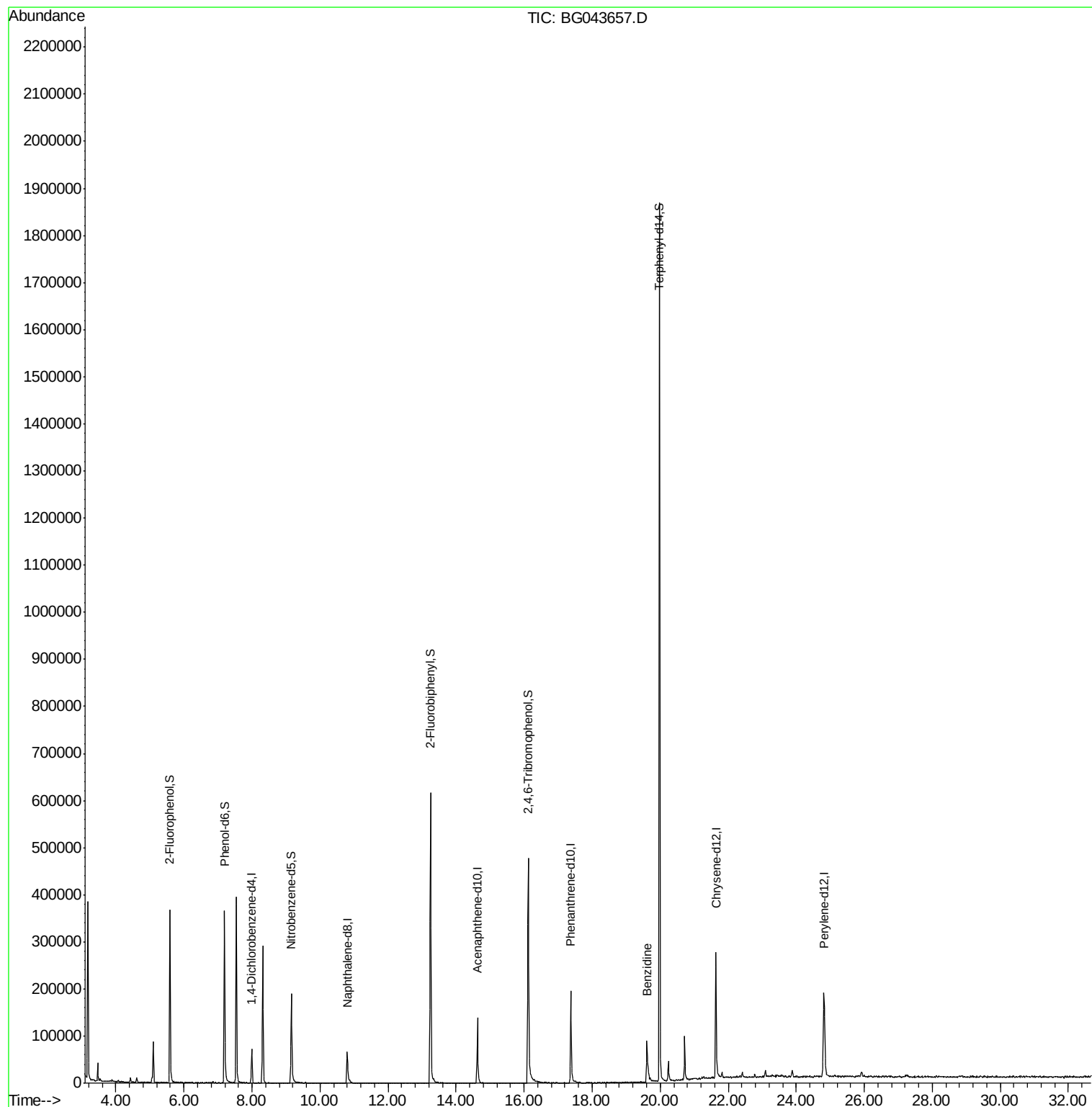
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	21651	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	71499	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	60163	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	161580	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	197944	20.00	ng	-0.02
87) Perylene-d12	24.82	264	226685	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	168782	142.85	ng	0.00
7) Phenol-d6	7.19	99	231667	136.28	ng	0.00
23) Nitrobenzene-d5	9.16	82	138378	99.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	144958	126.61	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	372262	85.50	ng	-0.02
79) Terphenyl-d14	19.98	244	1024218	97.07	ng	-0.02
Target Compounds						
77) Benzidine	19.61	184	102236	25.664	ng	Qvalue 99

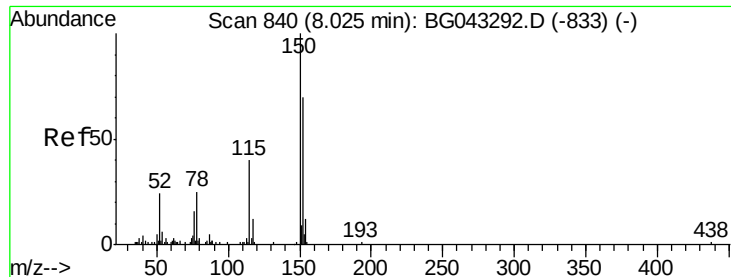
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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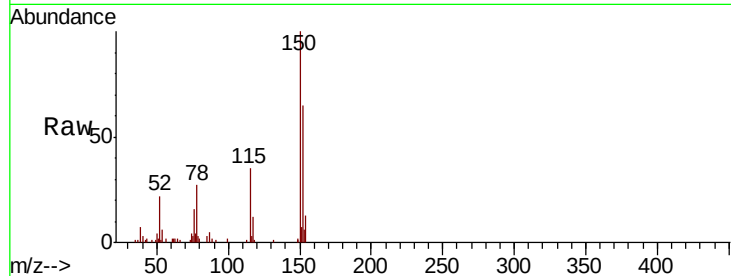


#1

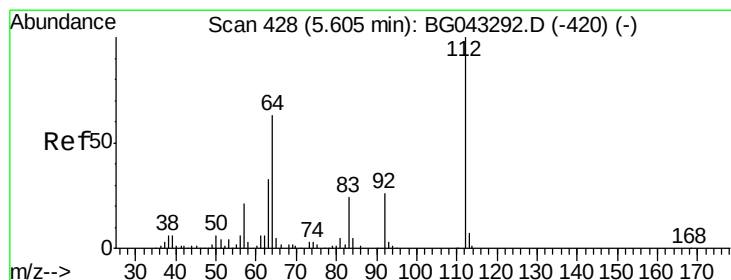
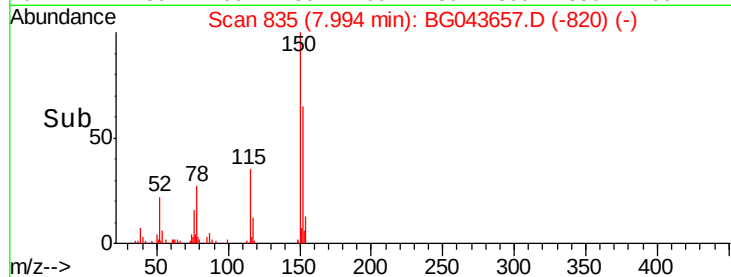
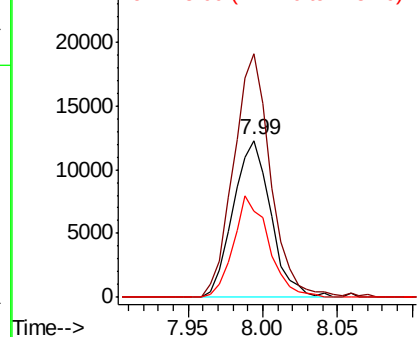
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043657.D
Acq: 15 Nov 2019 19:15

Instrument :
BNA_G
ClientSampleId :
PB124801TB

Tot Ion:152 Resp: 21651
Ion Ratio Lower Upper
152 100
150 155.0 129.4 194.0
115 54.6 48.8 73.2



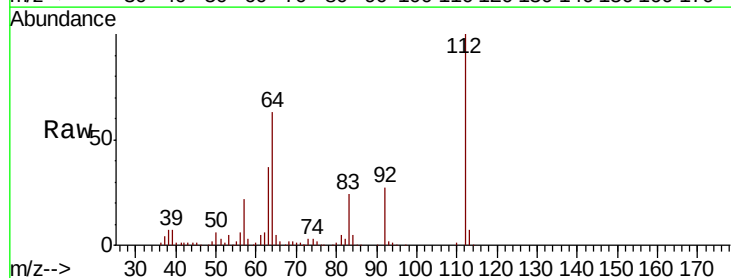
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



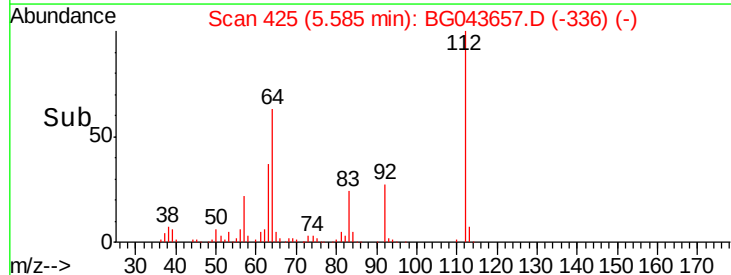
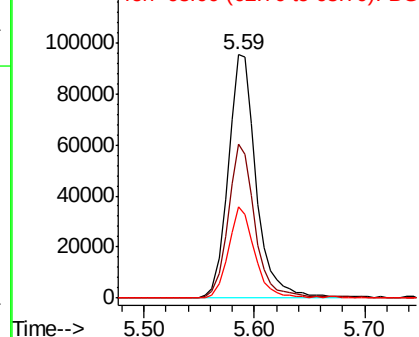
#5

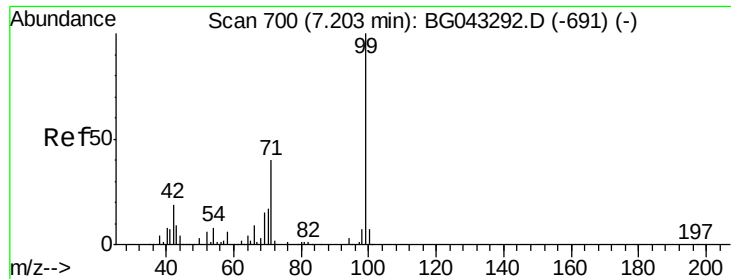
2-Fluorophenol
Concen: 142.850 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043657.D
Acq: 15 Nov 2019 19:15

Tgt Ion:112 Resp: 168782
Ion Ratio Lower Upper
112 100
64 63.5 50.0 75.0
63 37.4 26.6 40.0



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





#7

Phenol-d6

Concen: 136.279 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043657.D

Acq: 15 Nov 2019 19:15

Instrument :

BNA_G

ClientSampleId :

PB124801TB

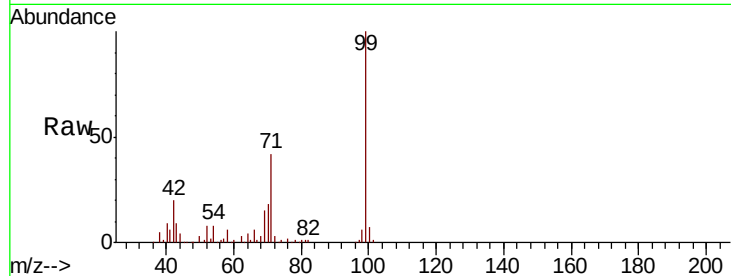
Tot Ion: 99 Resp: 231667

Ion Ratio Lower Upper

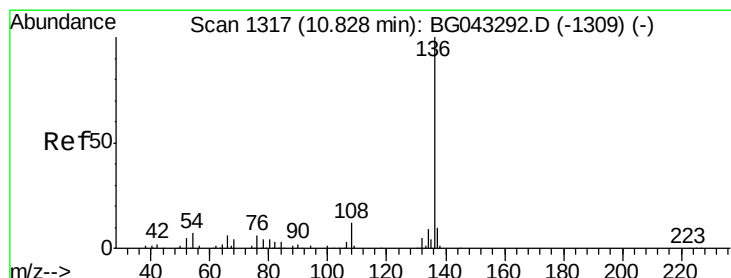
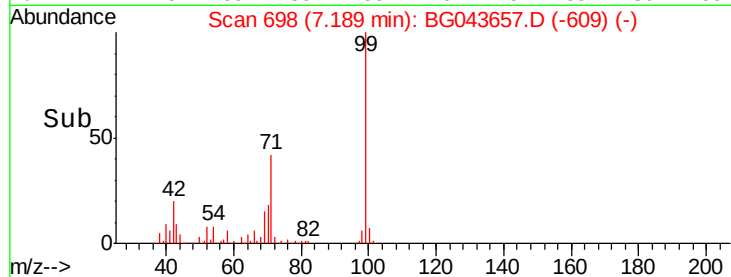
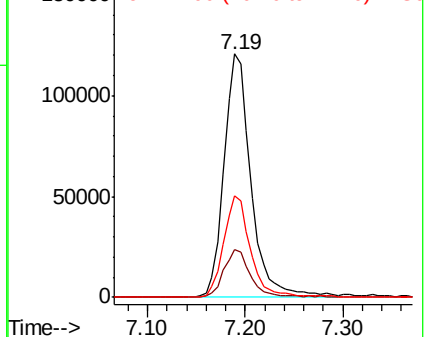
99 100

42 19.6 14.6 21.8

71 41.7 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: BG043657.D

Acq: 15 Nov 2019 19:15

Tgt Ion: 136 Resp: 71499

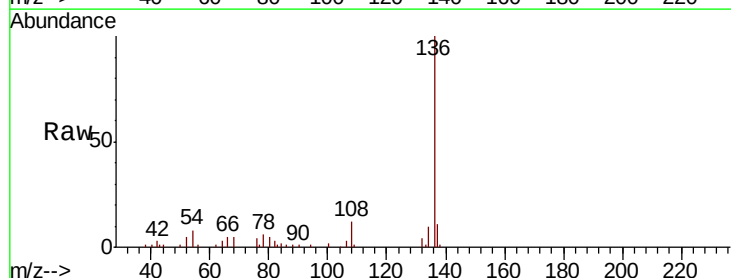
Ion Ratio Lower Upper

136 100

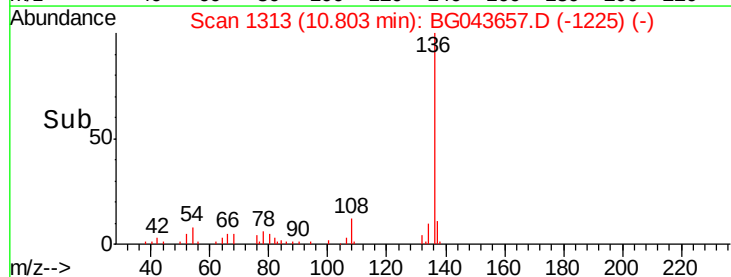
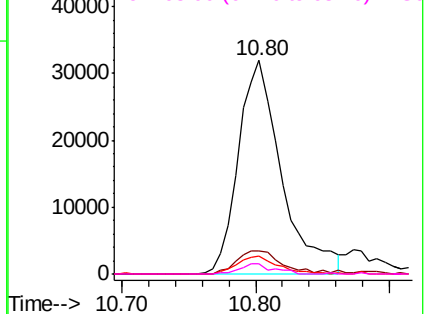
137 10.6 8.7 13.1

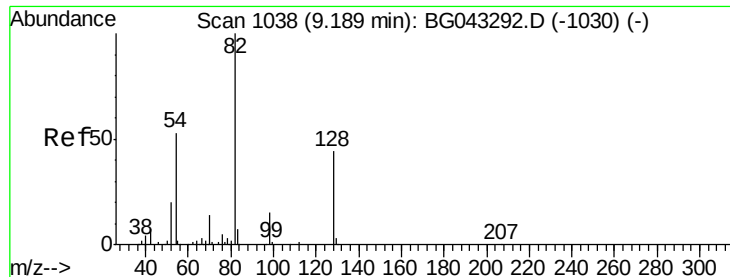
54 8.2 5.4 8.2#

68 5.0 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: 99.778 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043657.D

Acq: 15 Nov 2019 19:15

Instrument :

BNA_G

ClientSampleId :

PB124801TB

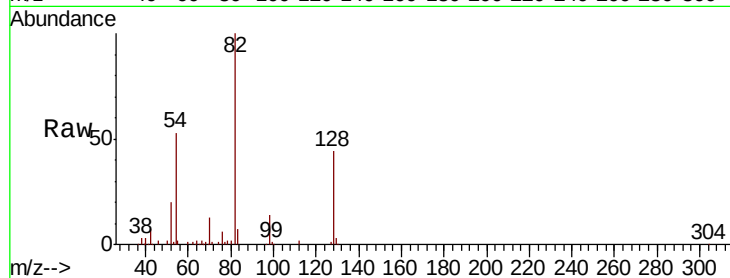
Tot Ion: 82 Resp: 138378

Ion Ratio Lower Upper

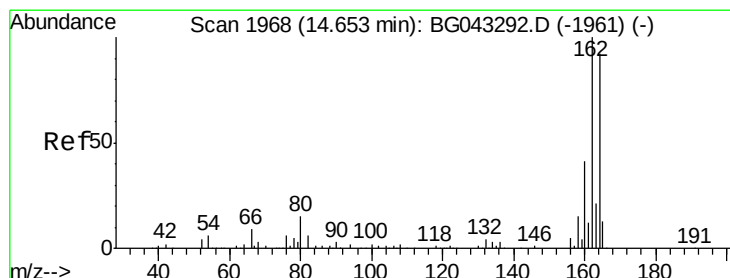
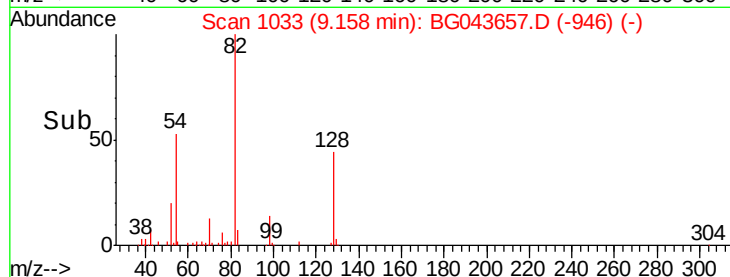
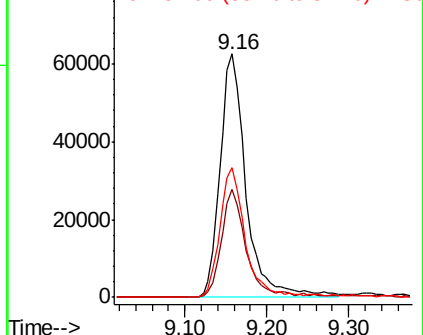
82 100

128 44.1 35.0 52.6

54 53.3 40.2 60.2



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043657.D

Acq: 15 Nov 2019 19:15

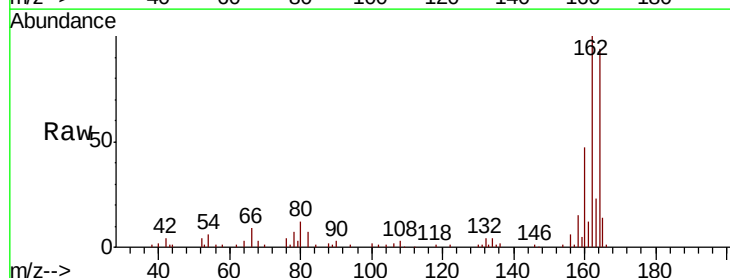
Tgt Ion: 164 Resp: 60163

Ion Ratio Lower Upper

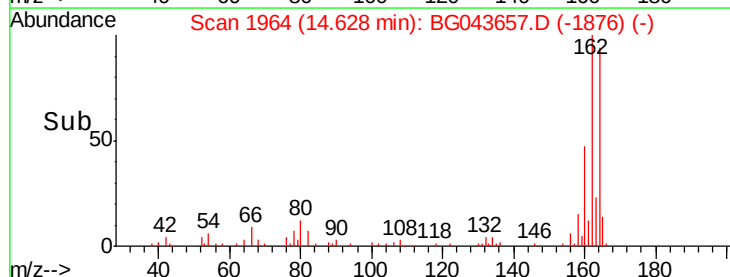
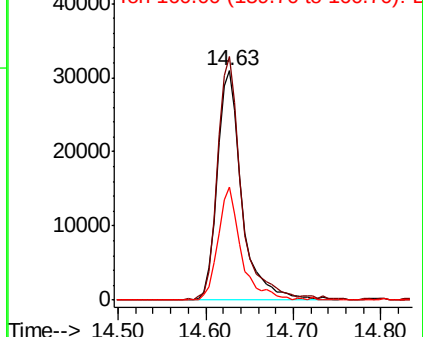
164 100

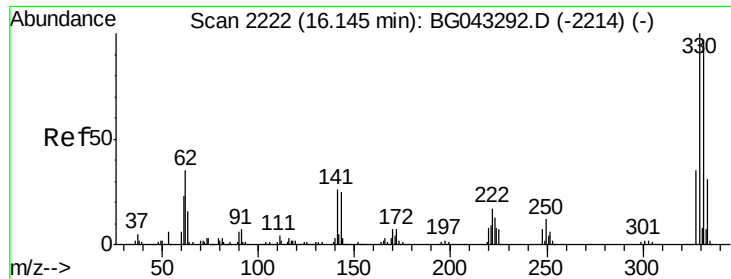
162 106.2 83.5 125.3

160 49.5 36.5 54.7



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

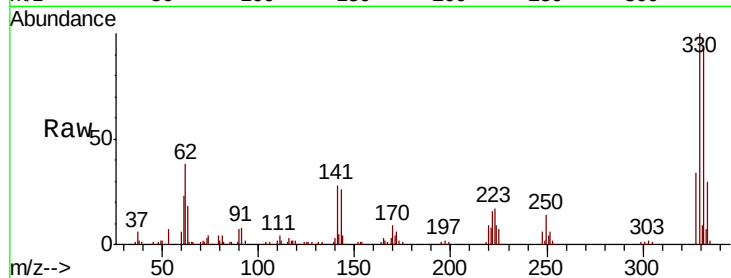




#42
 2,4,6-Tribromophenol
 Concen: 126.611 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043657.D
 Acq: 15 Nov 2019 19:15

Instrument :
 BNA_G
 ClientSampleId :
 PB124801TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	28.3	22.8	34.2

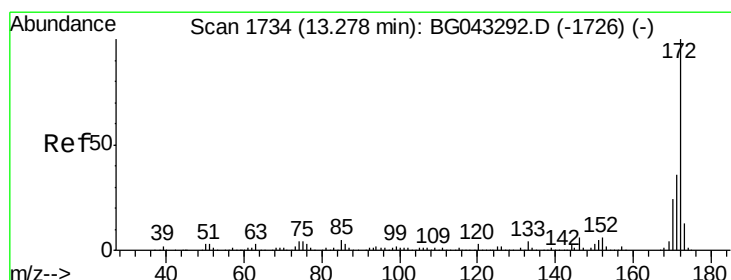
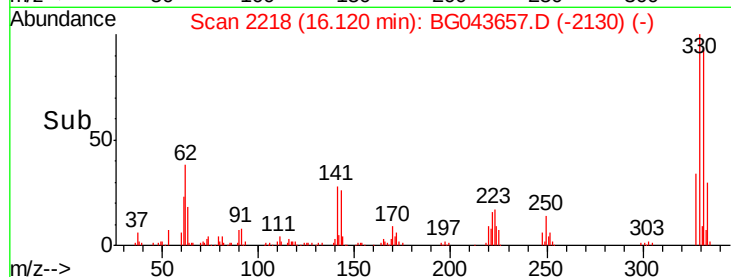
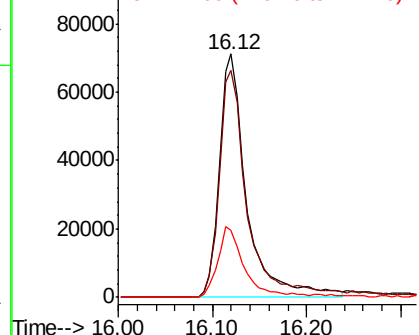


Abundance

Ion 329.80 (329.50 to 330.50): E

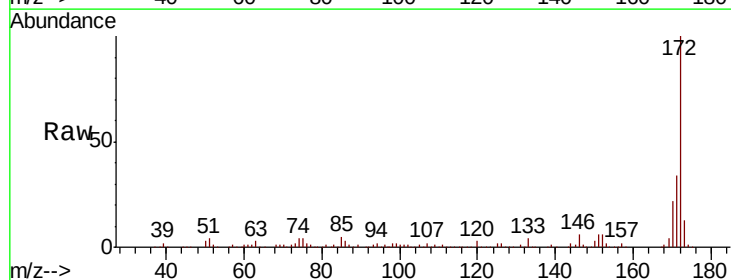
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.500 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043657.D
 Acq: 15 Nov 2019 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.9	43.3
170	22.5	18.5	27.7

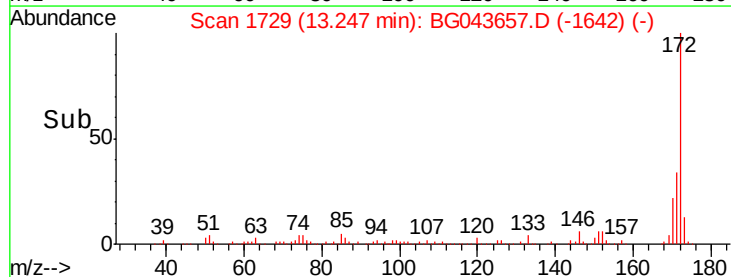
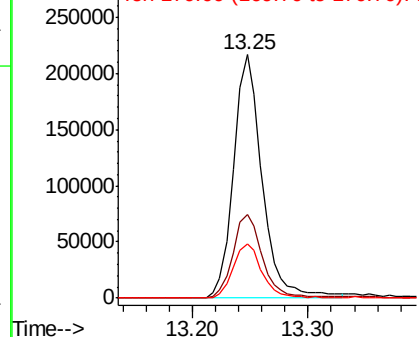


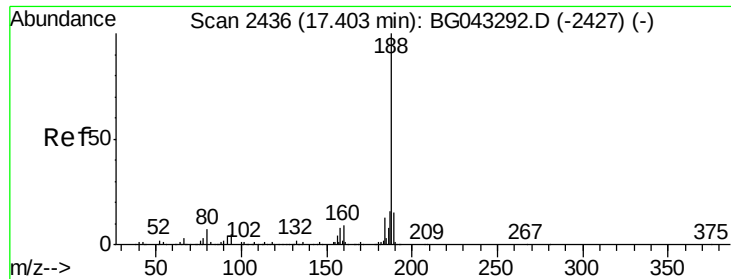
Abundance

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

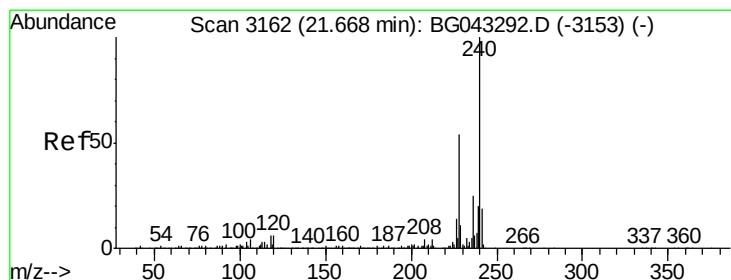
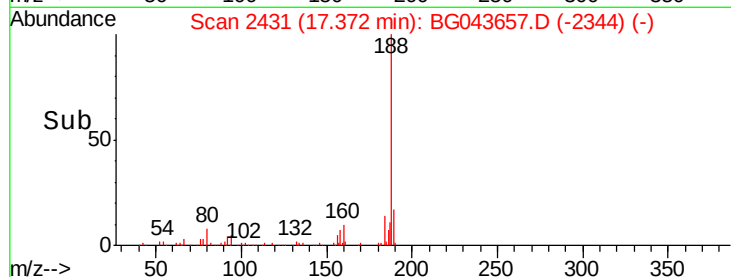
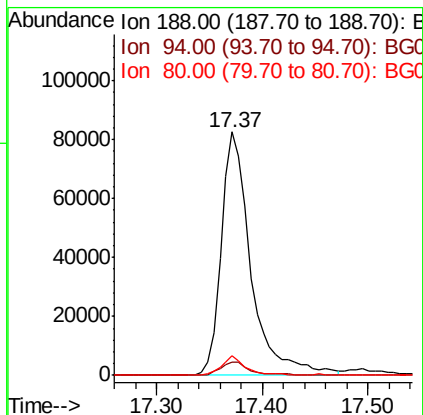
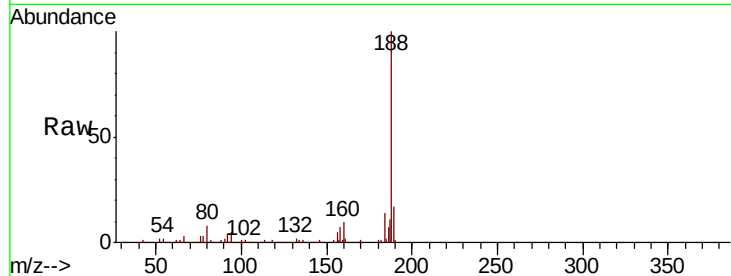




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043657.D
Acq: 15 Nov 2019 19:15

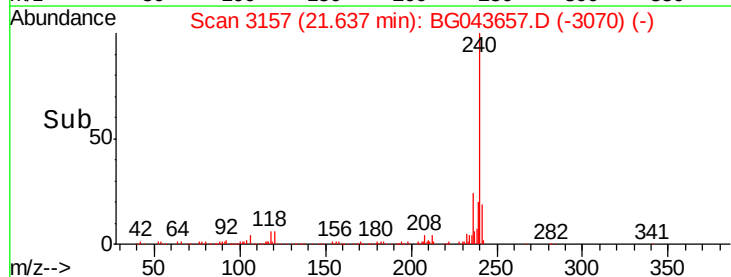
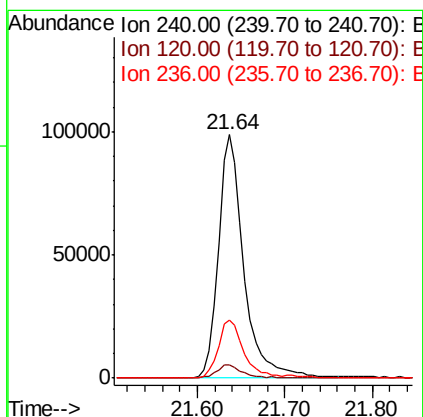
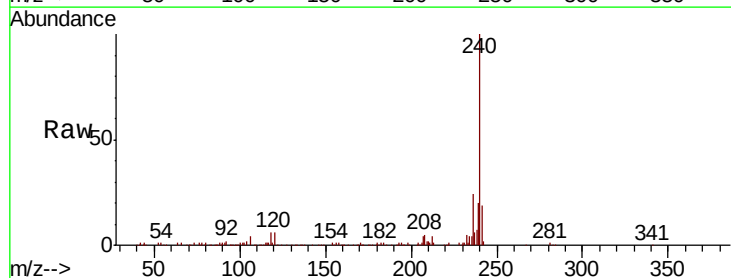
Instrument :
BNA_G
ClientSampleId :
PB124801TB

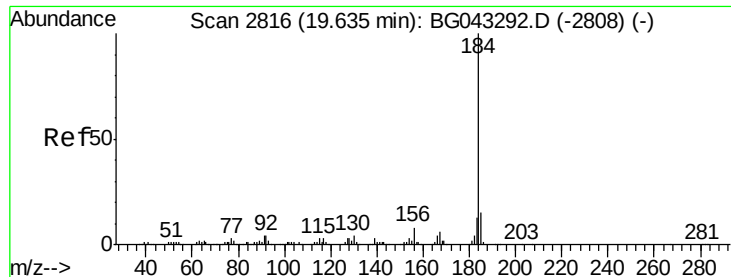
Tot Ion:188 Resp: 161580
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.4
80 8.1 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043657.D
Acq: 15 Nov 2019 19:15

Tgt Ion:240 Resp: 197944
Ion Ratio Lower Upper
240 100
120 5.5 4.6 6.8
236 23.6 19.8 29.8





#77

Benzidine

Concen: 25.664 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043657.D

Acq: 15 Nov 2019 19:15

Instrument :

BNA_G

ClientSampleId :

PB124801TB

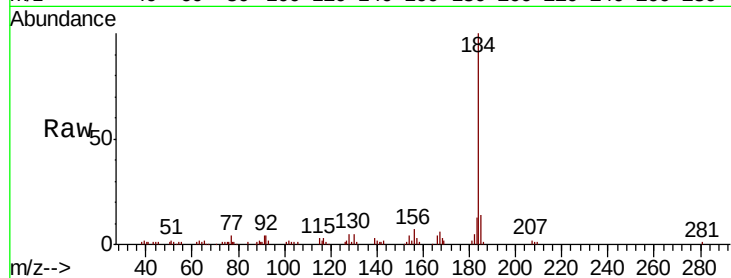
Tot Ion:184 Resp: 102236

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

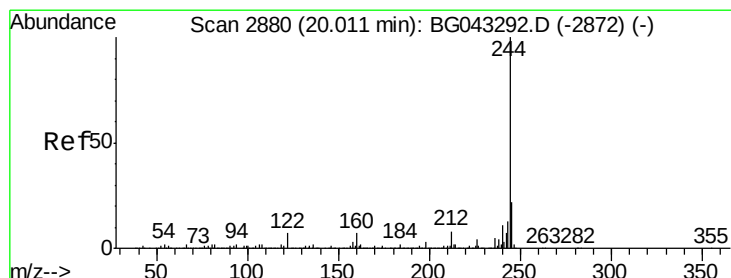
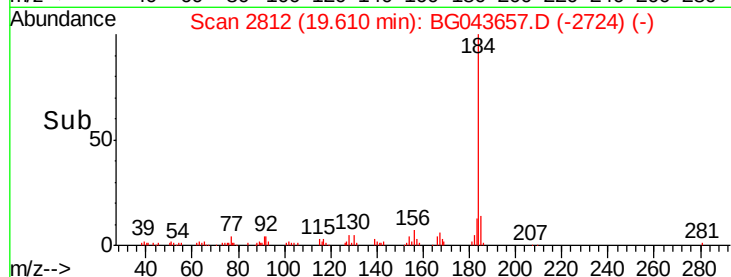
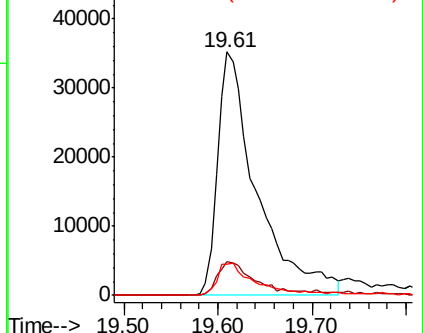
183 12.9 10.0 15.0



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: 97.072 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043657.D

Acq: 15 Nov 2019 19:15

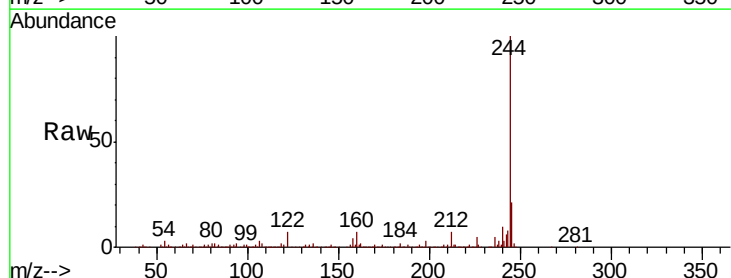
Tgt Ion:244 Resp: 1024218

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

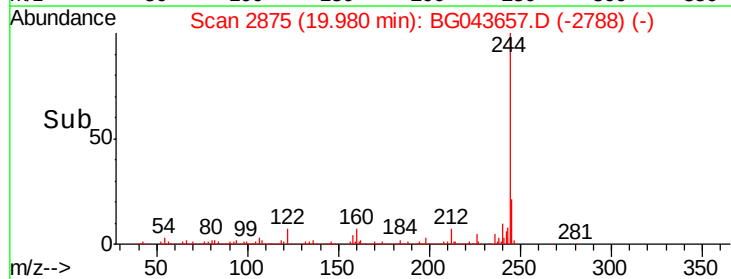
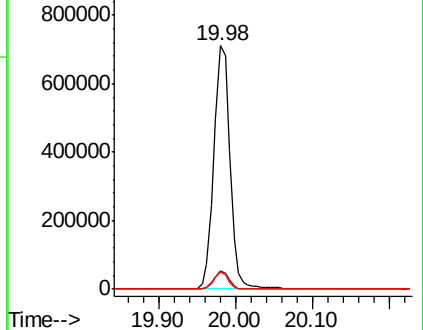
122 7.2 5.4 8.2

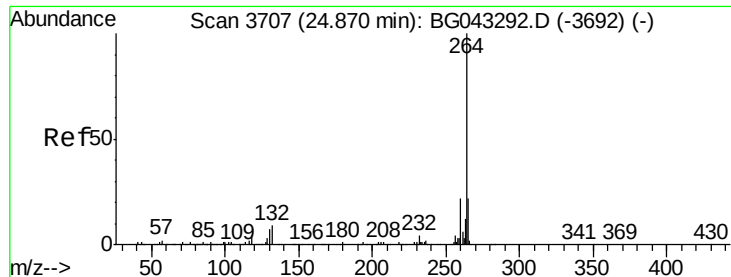


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

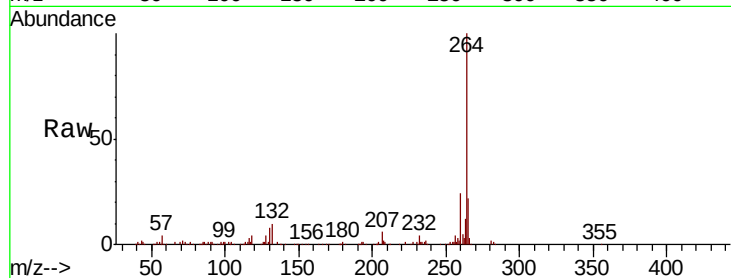




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043657.D
Acq: 15 Nov 2019 19:15

Instrument :
BNA_G
ClientSampleId :
PB124801TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.5	26.3
265	22.4	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

