

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043542.D
 Acq On : 7 Nov 2019 16:55
 Operator : JU
 Sample : PB124591BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BL

Quant Time: Nov 08 04:38:08 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	32090	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	110835	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	79190	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	196027	20.00	ng	0.00
76) Chrysene-d12	21.65	240	226482	20.00	ng	0.00
87) Perylene-d12	24.84	264	255366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	228485	130.47	ng	0.02
7) Phenol-d6	7.22	99	315533	125.23	ng	0.02
23) Nitrobenzene-d5	9.17	82	181123	84.25	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	189516	125.76	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	487481	85.06	ng	0.00
79) Terphenyl-d14	19.99	244	1101375	91.23	ng	0.00

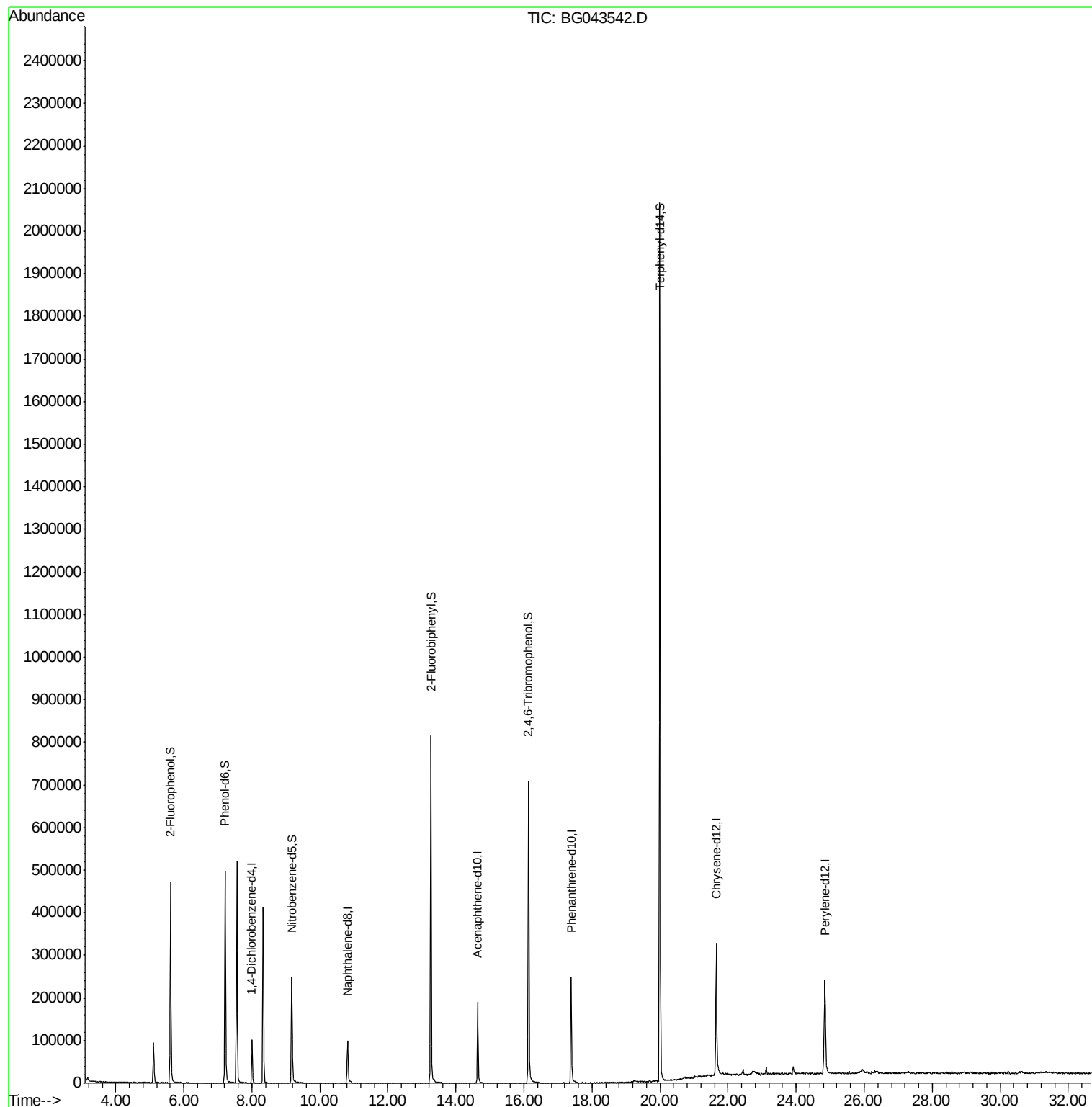
Target Compounds Qvalue

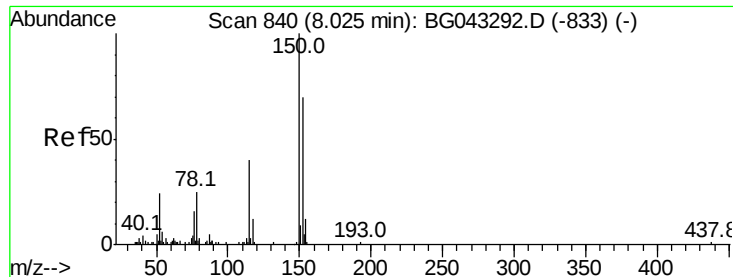
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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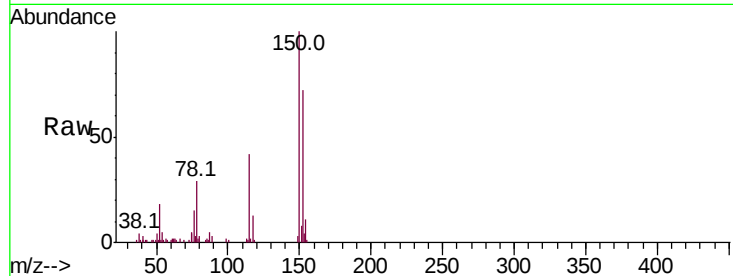


#1

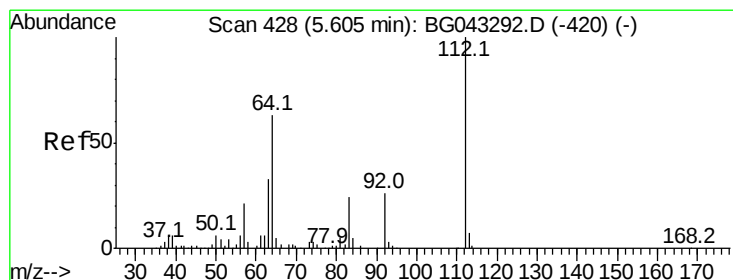
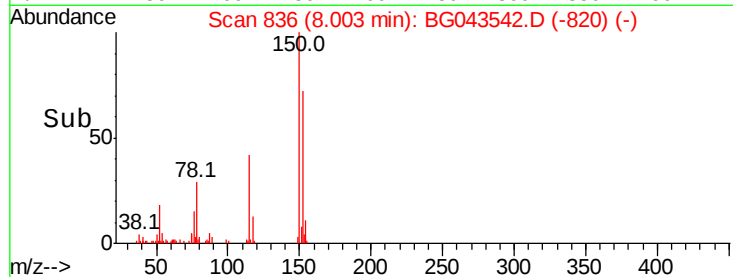
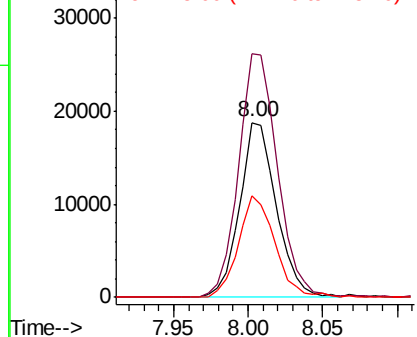
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

Instrument :
BNA_G
ClientSampleId :
PB124591BL

Tot Ion:152 Resp: 32090
Ion Ratio Lower Upper
152 100
150 139.4 129.4 194.0
115 58.4 48.8 73.2



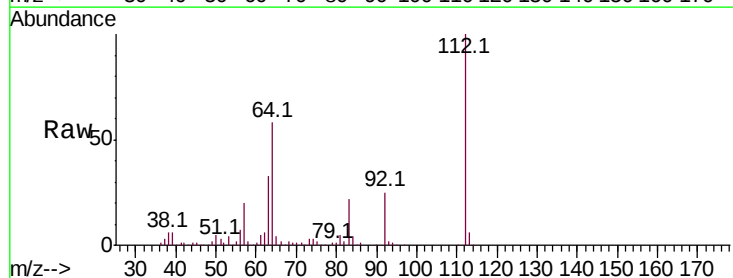
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



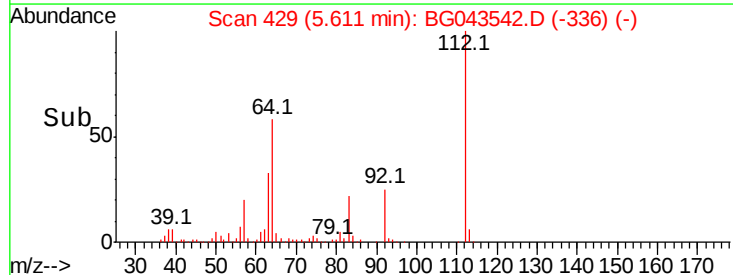
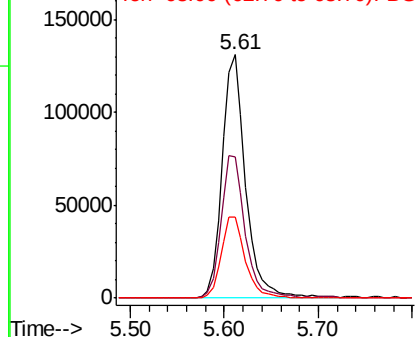
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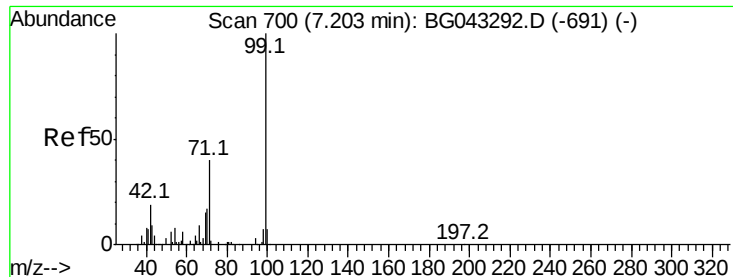
2-Fluorophenol
Concen: 130.473 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

Tgt Ion:112 Resp: 228485
Ion Ratio Lower Upper
112 100
64 58.0 50.0 75.0
63 33.4 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: 125.232 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Instrument :

BNA_G

ClientSampleId :

PB124591BL

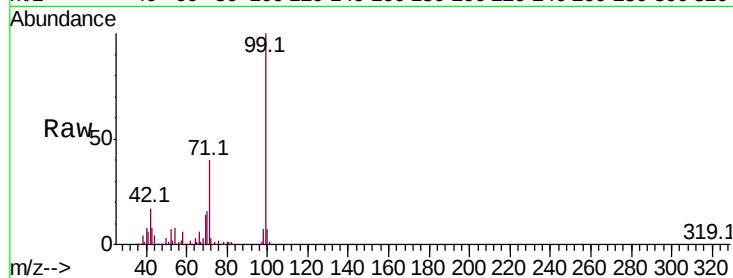
Tot Ion: 99 Resp: 315533

Ion Ratio Lower Upper

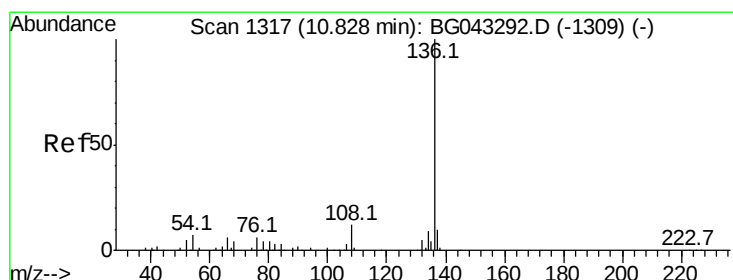
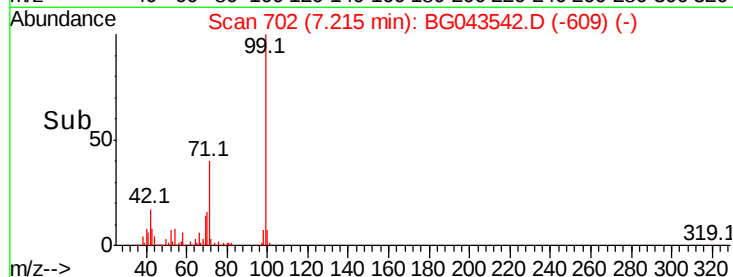
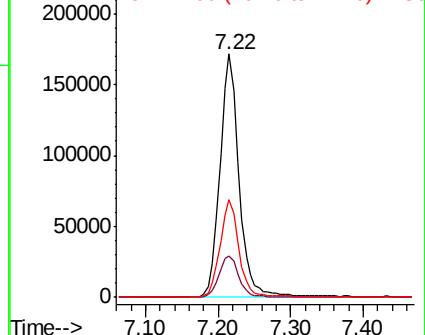
99 100

42 17.2 14.6 21.8

71 39.9 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: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Tgt Ion: 136 Resp: 110835

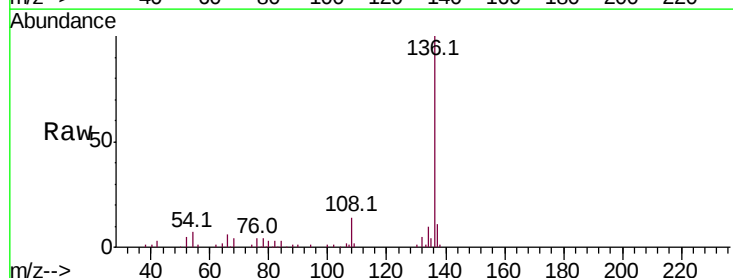
Ion Ratio Lower Upper

136 100

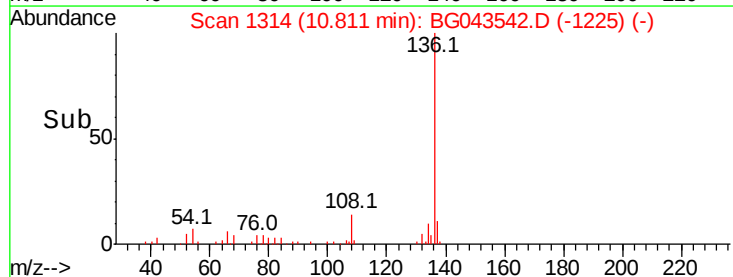
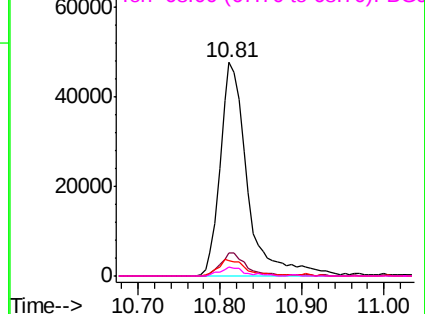
137 10.6 8.7 13.1

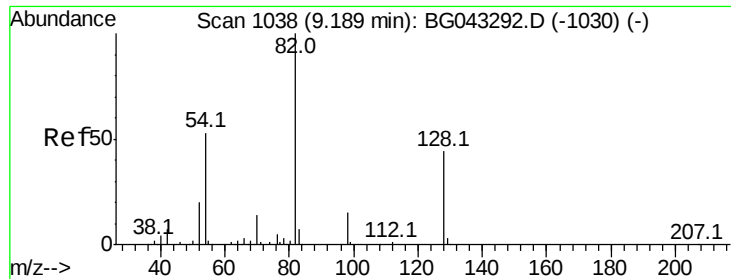
54 7.3 5.4 8.2

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

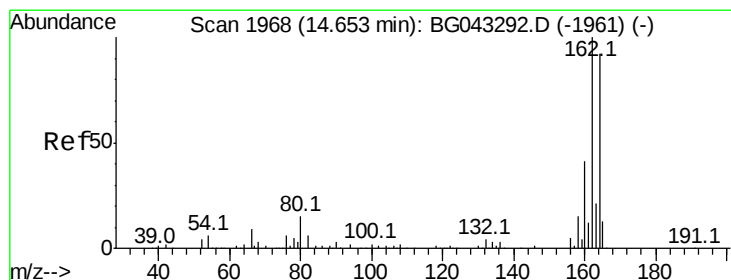
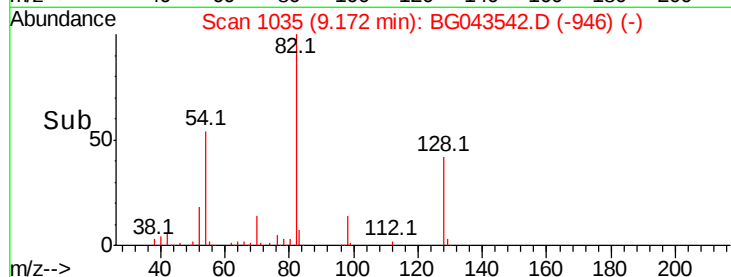
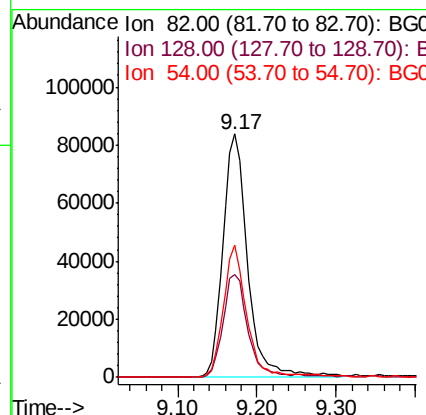
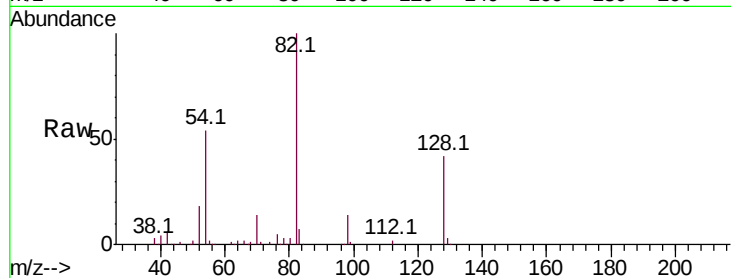




#23
Nitrobenzene-d5
Concen: 84.249 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

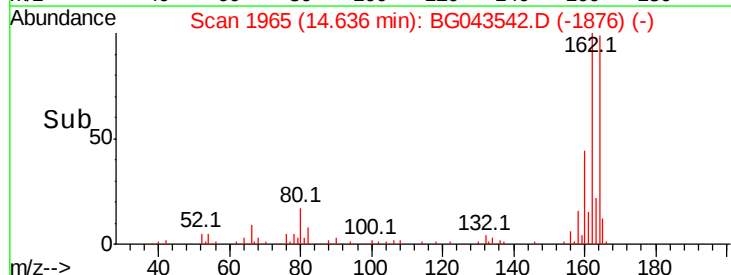
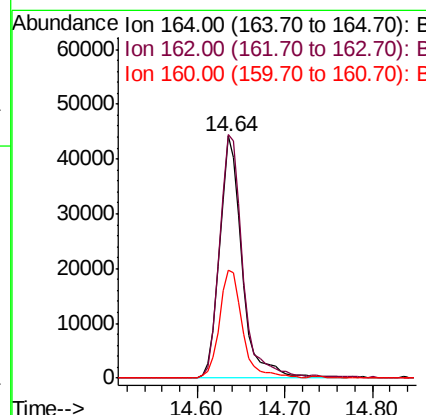
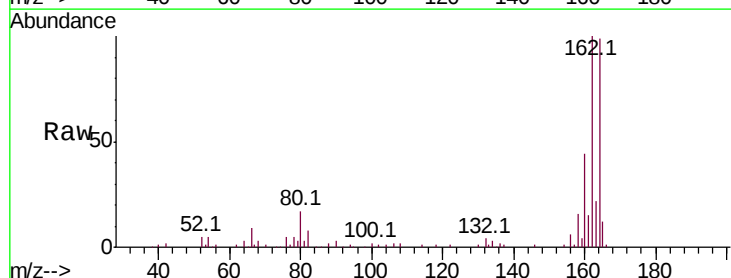
Instrument :
BNA_G
ClientSampled :
PB124591BL

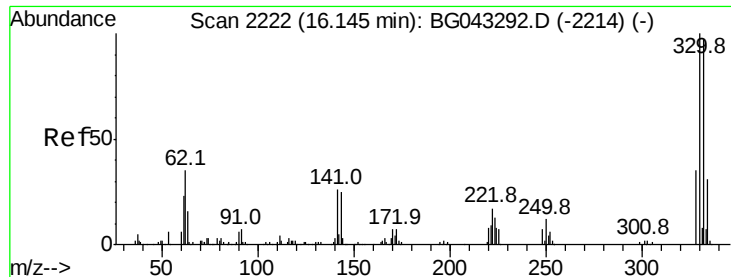
Tot Ion: 82 Resp: 181123
Ion Ratio Lower Upper
82 100
128 42.1 35.0 52.6
54 54.3 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG043542.D
Acq: 7 Nov 2019 16:55

Tgt Ion:164 Resp: 79190
Ion Ratio Lower Upper
164 100
162 100.6 83.5 125.3
160 44.4 36.5 54.7

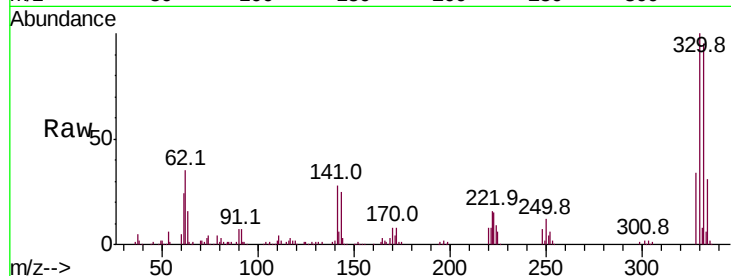




#42
 2,4,6-Tribromophenol
 Concen: 125.758 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.4	116.0
141	27.9	22.8	34.2

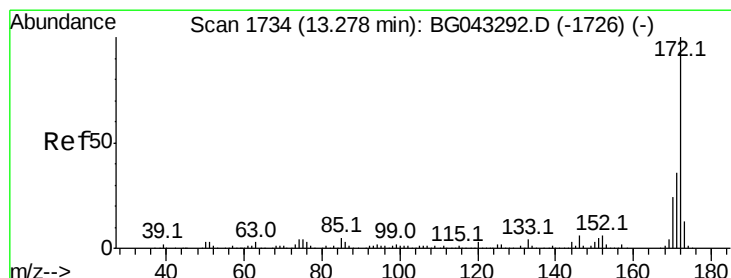
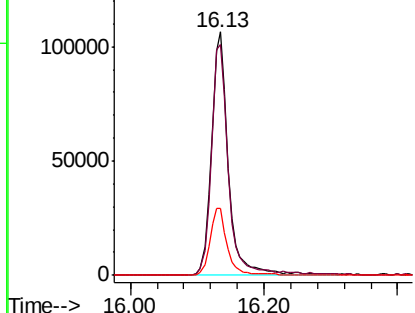
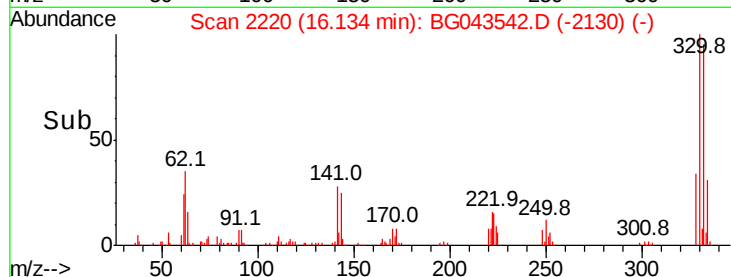


Abundance

Ion 329.80 (329.50 to 330.50): E

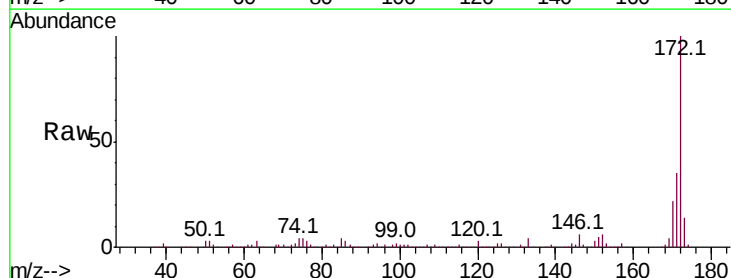
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.062 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG043542.D
 Acq: 7 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	22.4	18.5	27.7

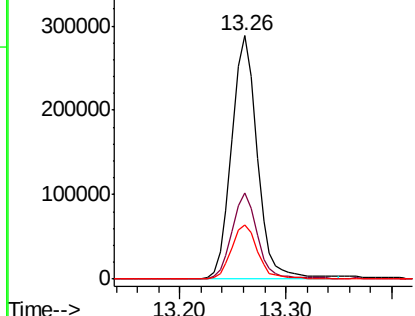
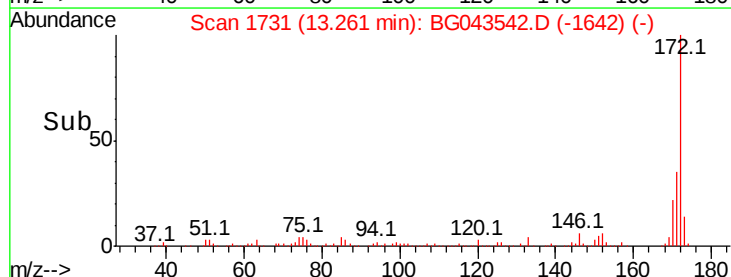


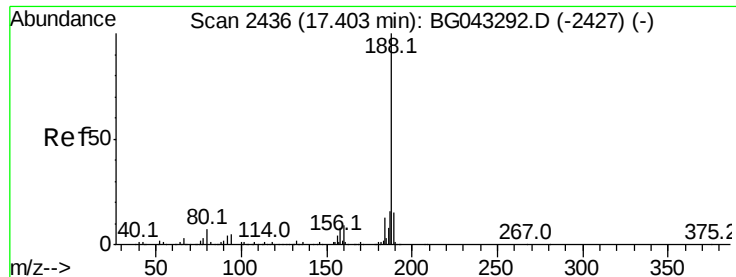
Abundance

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: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Instrument :

BNA_G

ClientSampleId :

PB124591BL

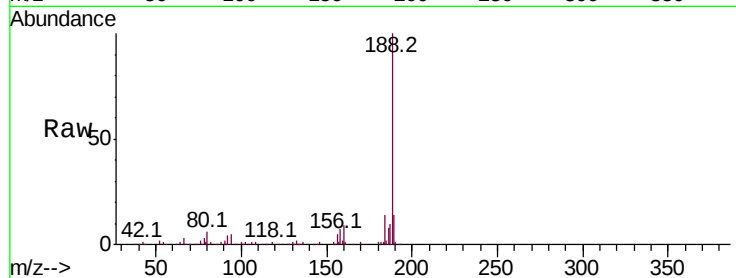
Tot Ion:188 Resp: 196027

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.4
80	6.1	4.5	6.7

188 100

94 5.4 4.2 6.4

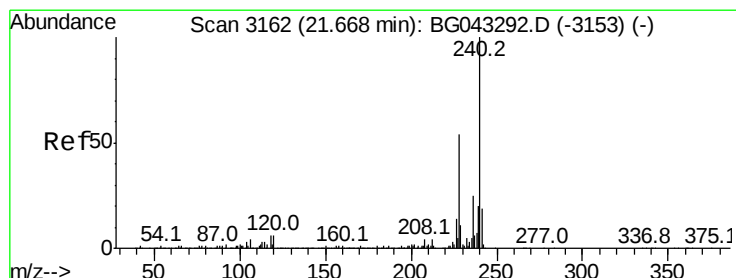
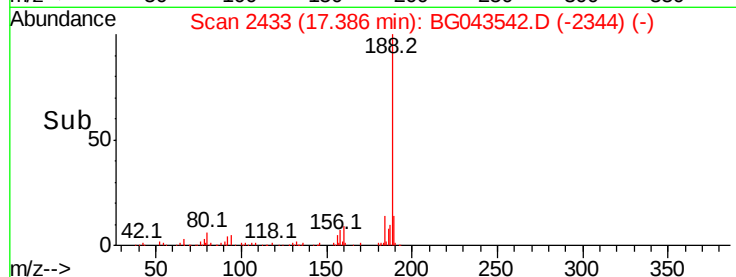
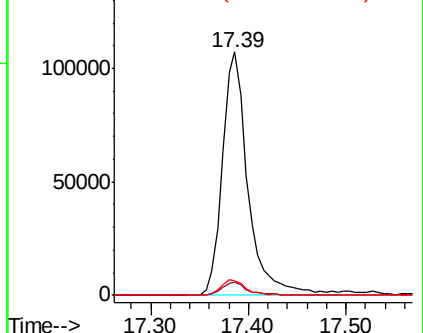
80 6.1 4.5 6.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

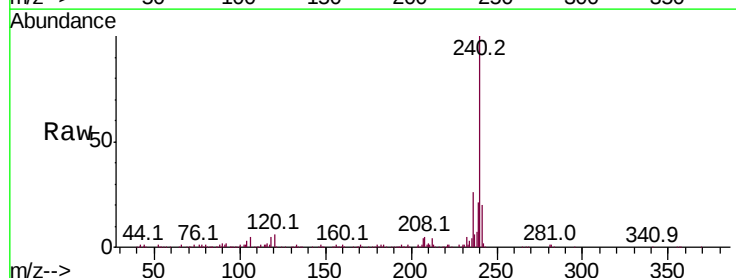
Tgt Ion:240 Resp: 226482

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	6.8
236	25.8	19.8	29.8

240 100

120 6.0 4.6 6.8

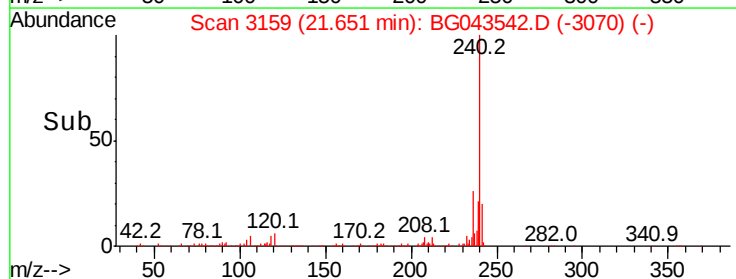
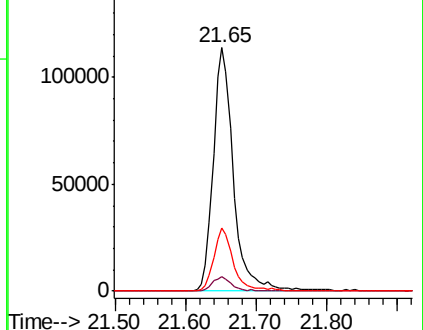
236 25.8 19.8 29.8

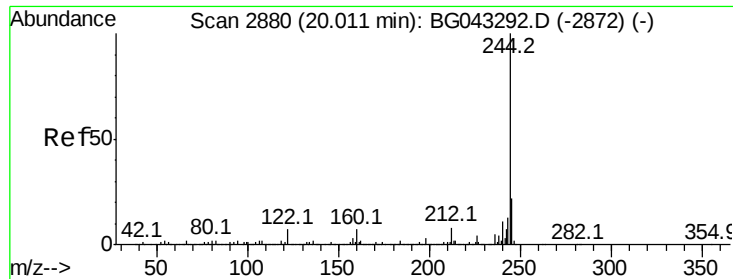


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.232 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Instrument :

BNA_G

ClientSampleId :

PB124591BL

Tot Ion:244 Resp: 1101375

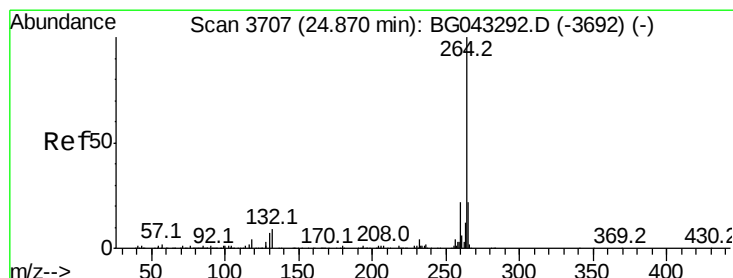
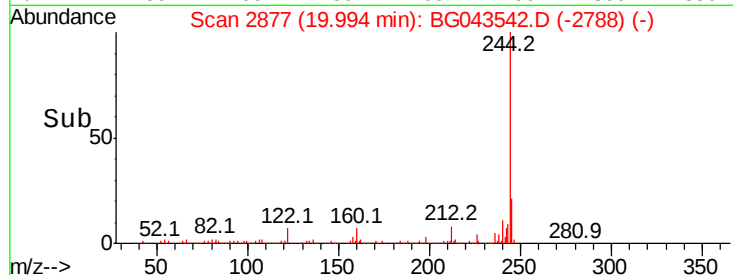
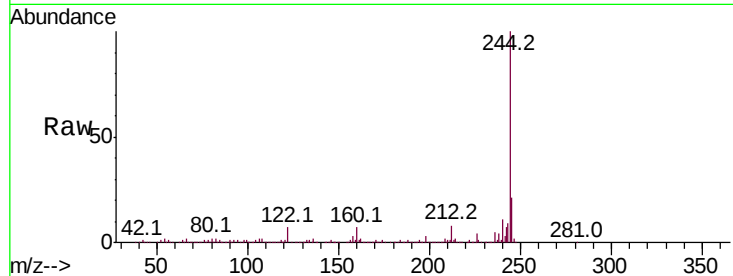
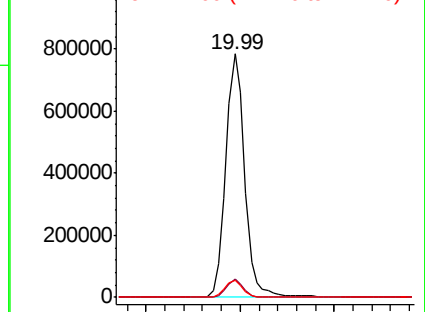
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	6.8	5.4	8.2

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: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043542.D

Acq: 7 Nov 2019 16:55

Tgt Ion:264 Resp: 255366

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	21.2	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

