

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043540.D
 Acq On : 7 Nov 2019 15:38
 Operator : JU
 Sample : PB124565BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BL

Quant Time: Nov 08 04:34:33 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	32708	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	109515	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	81527	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	204791	20.00	ng	0.00
76) Chrysene-d12	21.65	240	227092	20.00	ng	0.00
87) Perylene-d12	24.84	264	257566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	236615	132.56	ng	0.02
7) Phenol-d6	7.22	99	317528	123.64	ng	0.02
23) Nitrobenzene-d5	9.17	82	187118	88.09	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	196050	126.36	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	500794	84.88	ng	0.00
79) Terphenyl-d14	20.00	244	1131588	93.48	ng	0.00

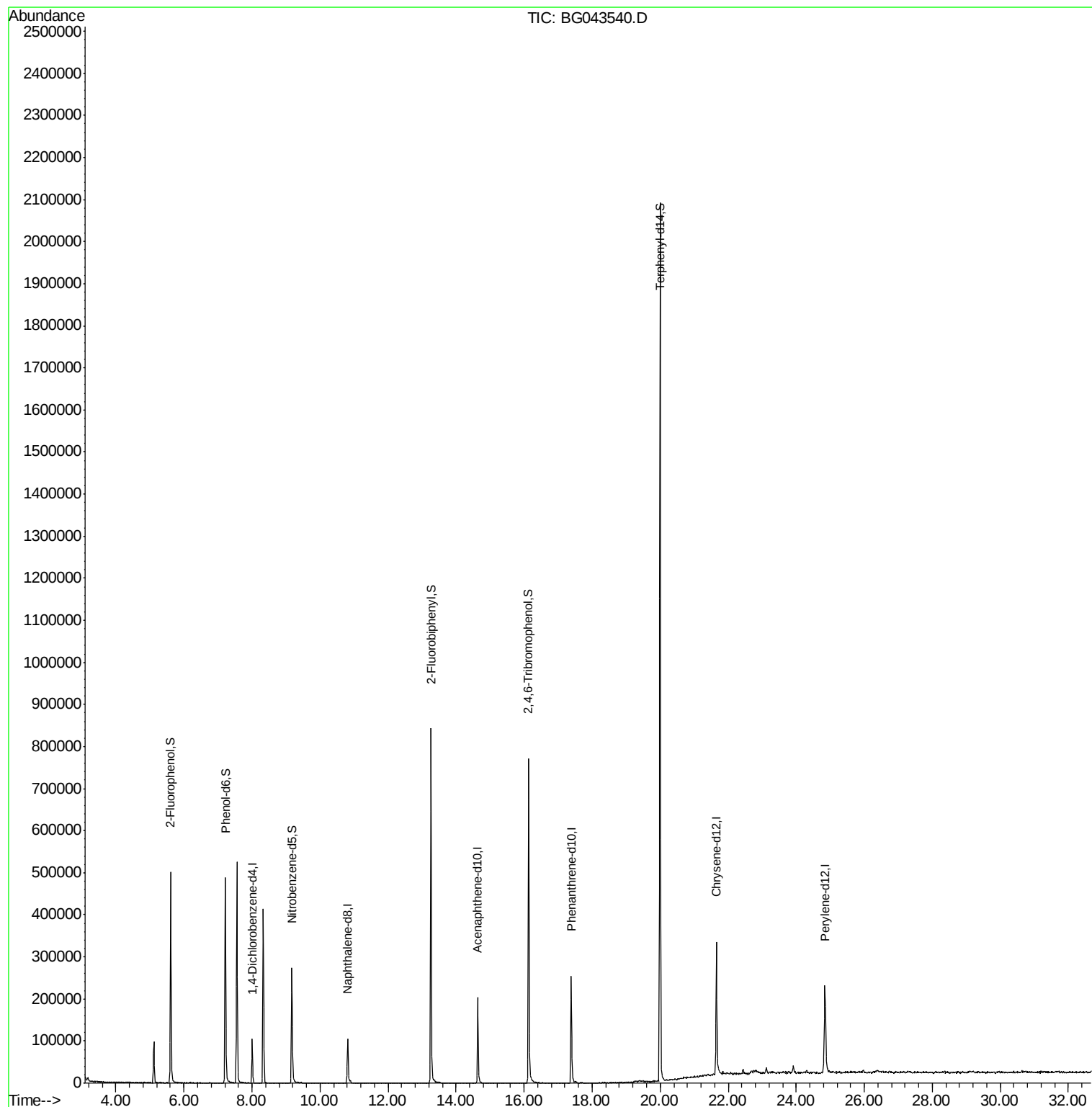
Target Compounds Qvalue

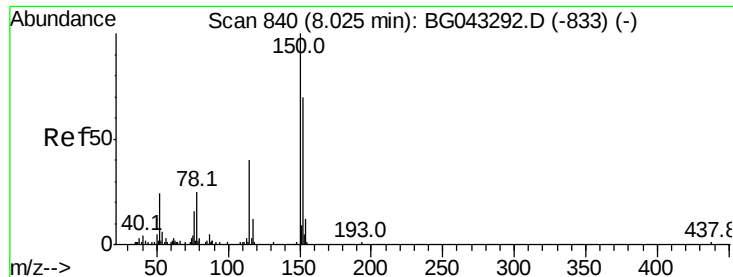
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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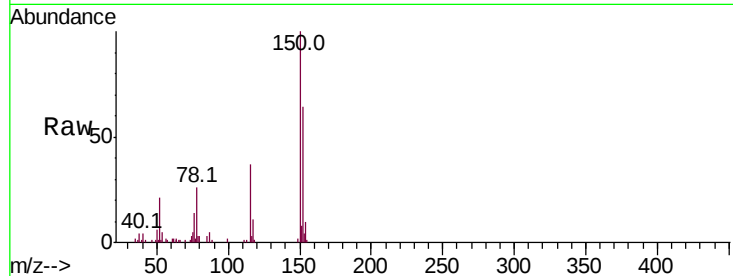


#1

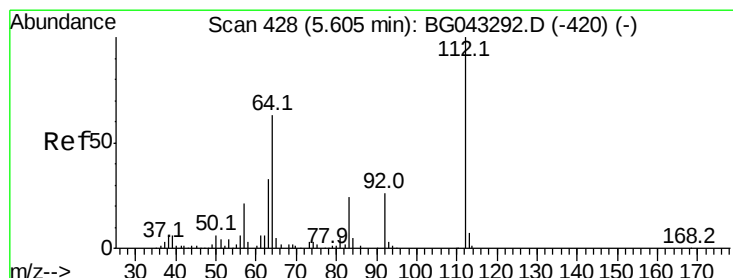
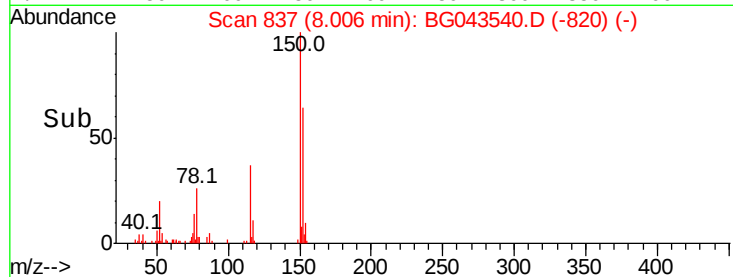
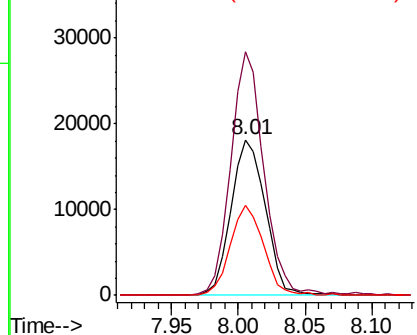
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043540.D
Acq: 7 Nov 2019 15:38

Instrument :
BNA_G
ClientSampleId :
PB124565BL

Tot Ion:152 Resp: 32708
Ion Ratio Lower Upper
152 100
150 156.2 129.4 194.0
115 57.8 48.8 73.2



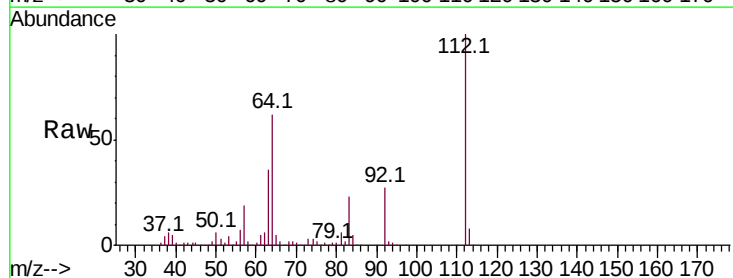
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



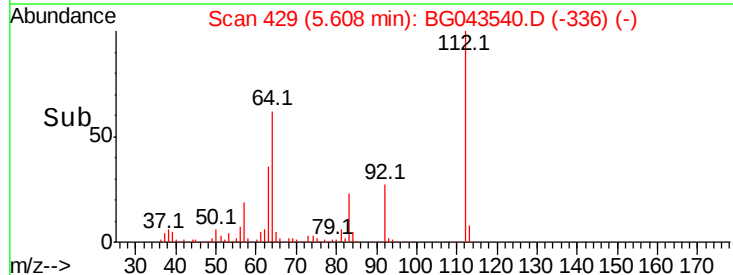
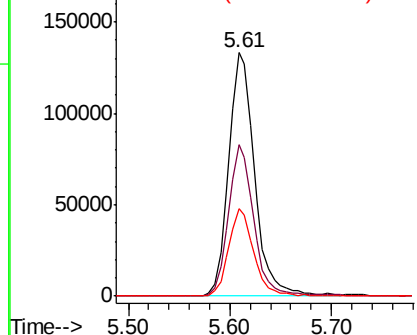
#5

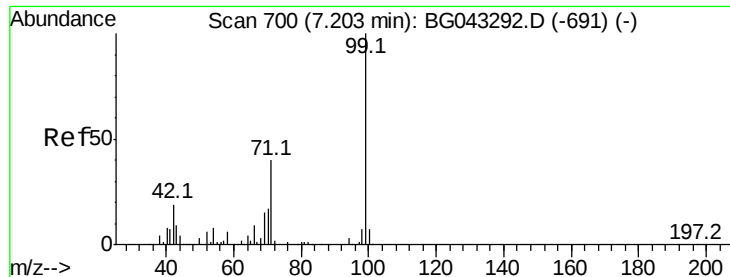
2-Fluorophenol
Concen: 132.562 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043540.D
Acq: 7 Nov 2019 15:38

Tgt Ion:112 Resp: 236615
Ion Ratio Lower Upper
112 100
64 62.3 50.0 75.0
63 36.0 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: 123.643 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043540.D

Acq: 7 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB124565BL

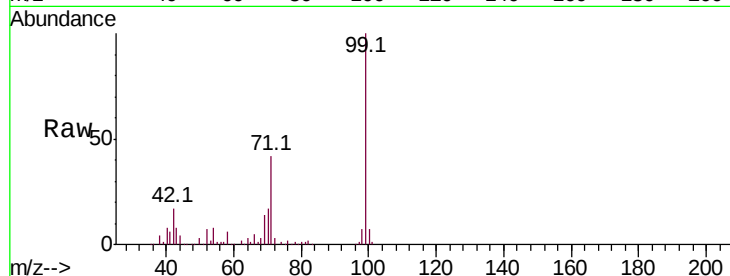
Tot Ion: 99 Resp: 317528

Ion Ratio Lower Upper

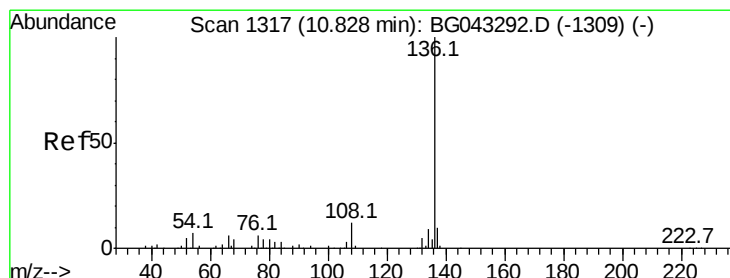
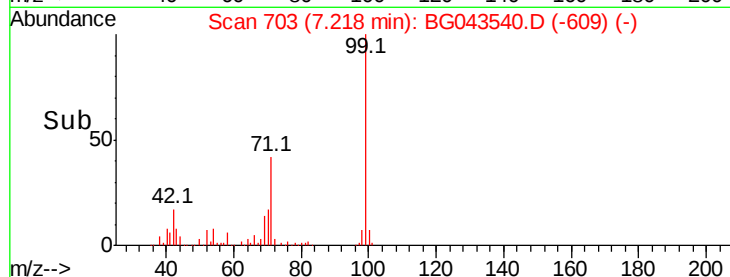
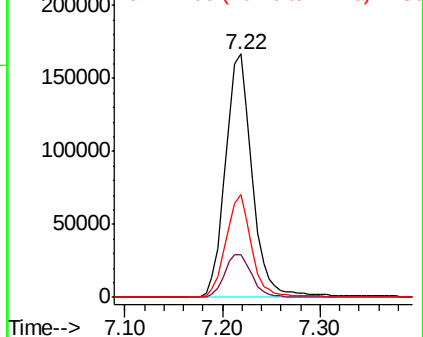
99 100

42 17.4 14.6 21.8

71 42.2 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# 1315

Delta R.T. -0.00 min

Lab File: BG043540.D

Acq: 7 Nov 2019 15:38

Tgt Ion: 136 Resp: 109515

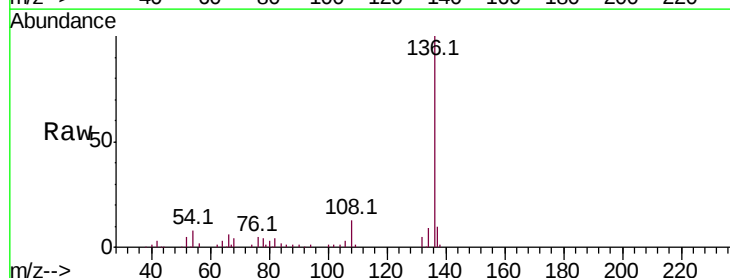
Ion Ratio Lower Upper

136 100

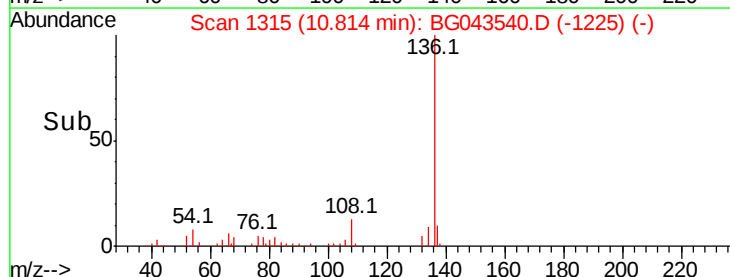
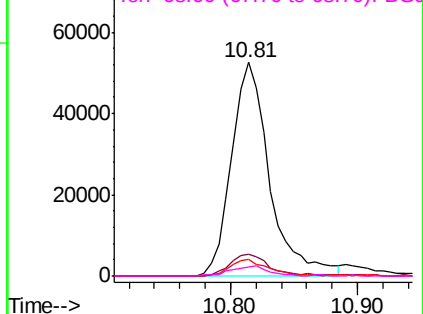
137 10.3 8.7 13.1

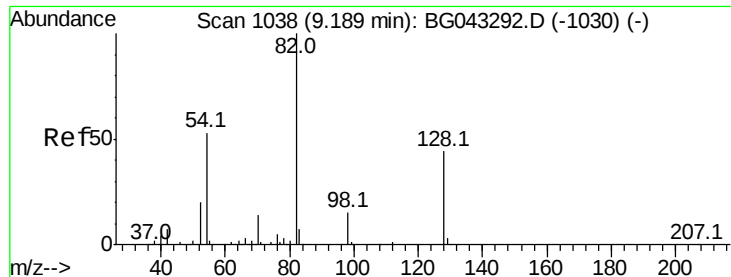
54 7.8 5.4 8.2

68 4.5 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

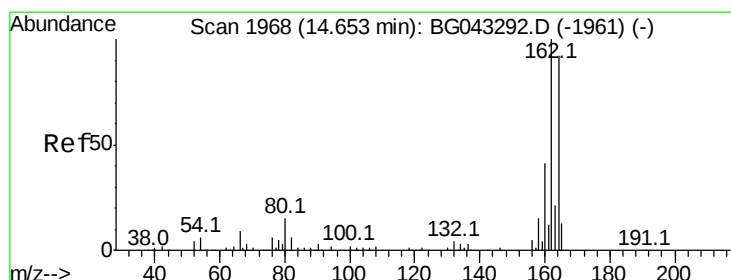
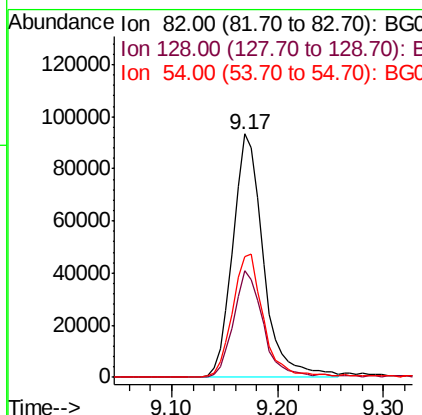
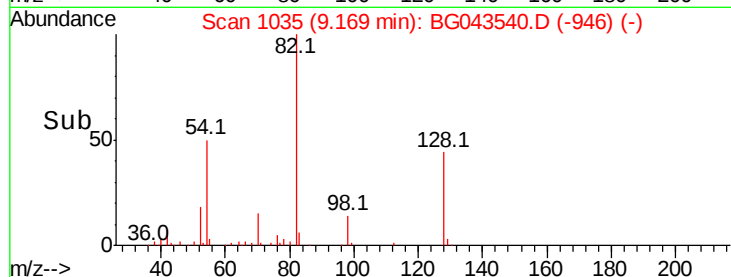
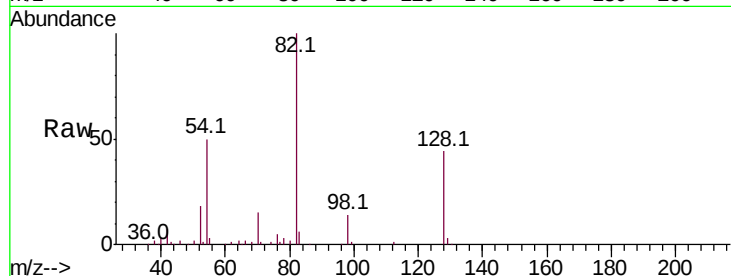




#23
Nitrobenzene-d5
Concen: 88.086 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043540.D
Acq: 7 Nov 2019 15:38

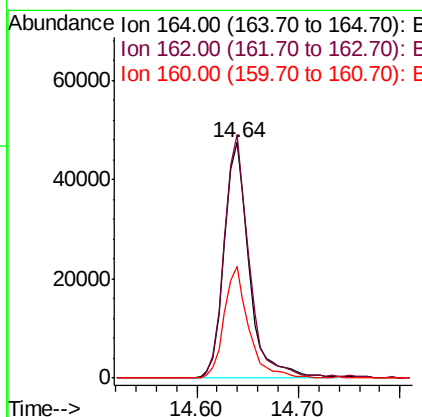
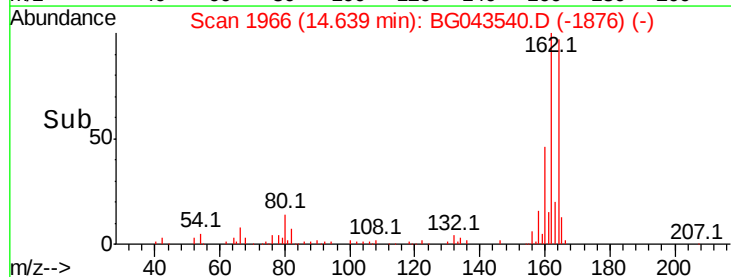
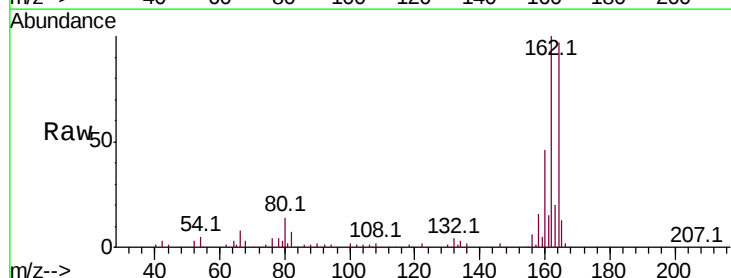
Instrument :
BNA_G
ClientSampleId :
PB124565BL

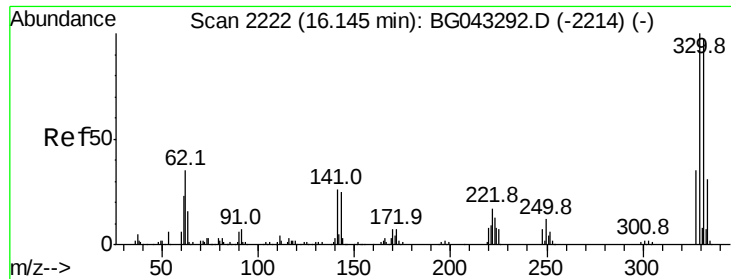
Tot Ion: 82 Resp: 187118
Ion Ratio Lower Upper
82 100
128 43.7 35.0 52.6
54 49.6 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043540.D
Acq: 7 Nov 2019 15:38

Tgt Ion:164 Resp: 81527
Ion Ratio Lower Upper
164 100
162 103.5 83.5 125.3
160 47.3 36.5 54.7

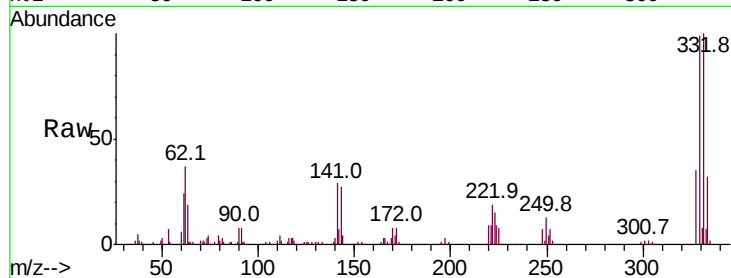




#42
 2,4,6-Tribromophenol
 Concen: 126.365 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043540.D
 Acq: 7 Nov 2019 15:38

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.4	116.0
141	28.1	22.8	34.2

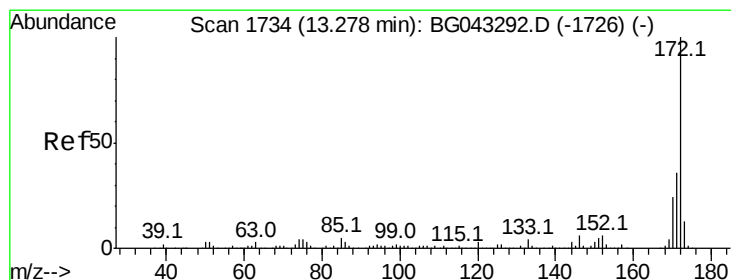
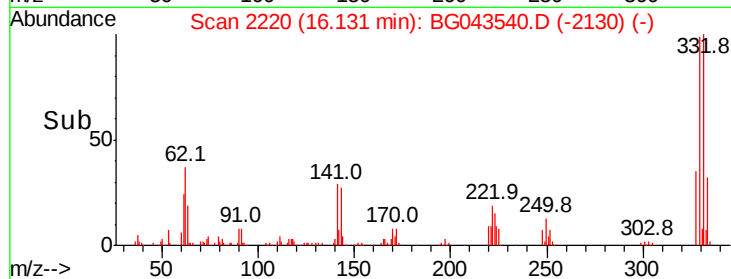
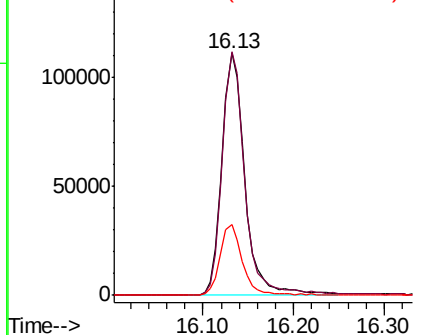


Abundance

Ion 329.80 (329.50 to 330.50): E

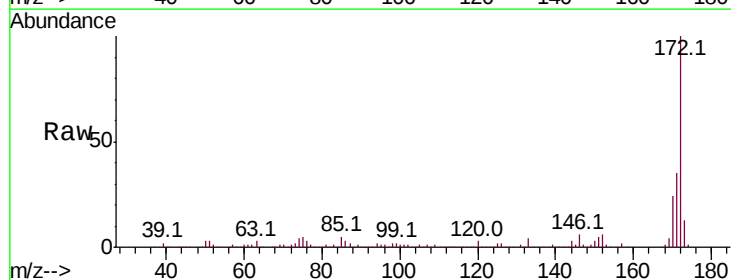
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.880 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043540.D
 Acq: 7 Nov 2019 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	24.4	18.5	27.7

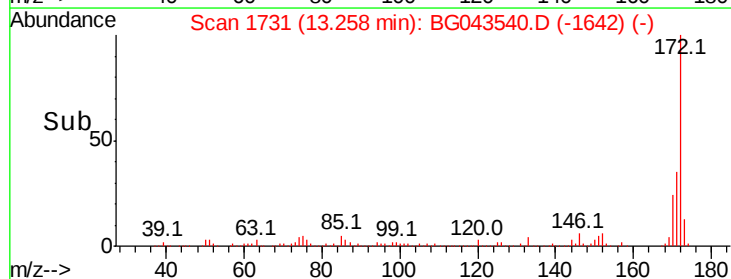
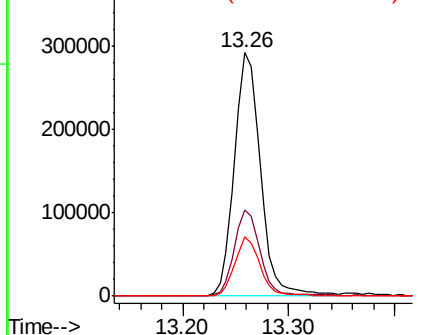


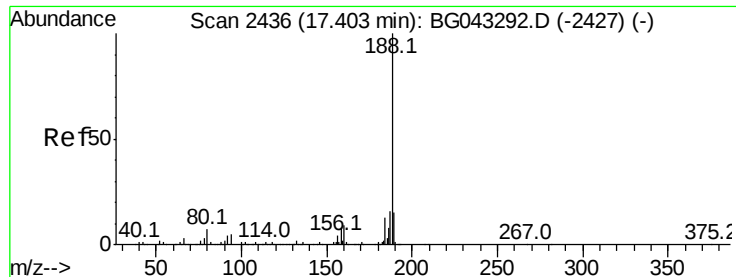
Abundance

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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043540.D

Acq: 7 Nov 2019 15:38

Instrument :

BNA_G

ClientSampleId :

PB124565BL

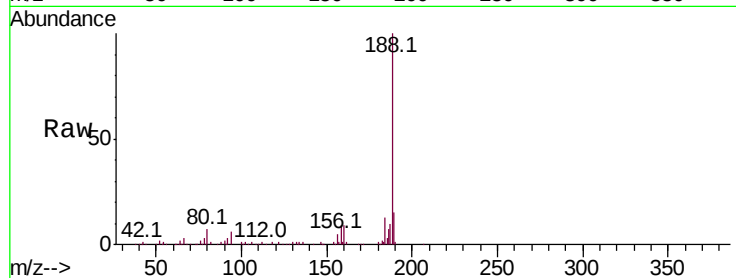
Tot Ion:188 Resp: 204791

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

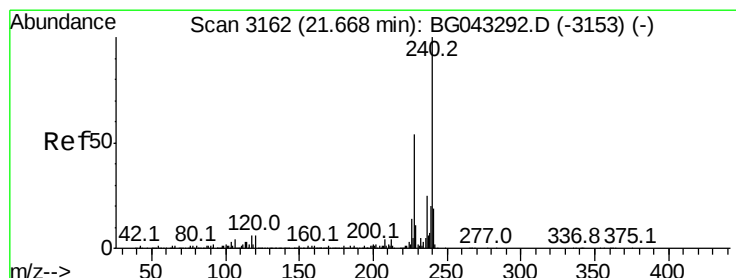
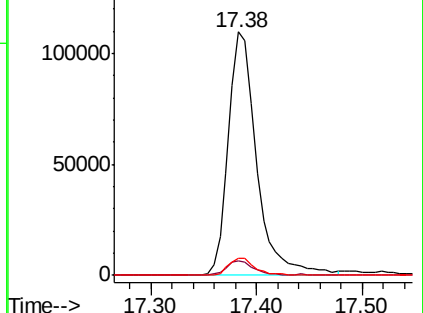
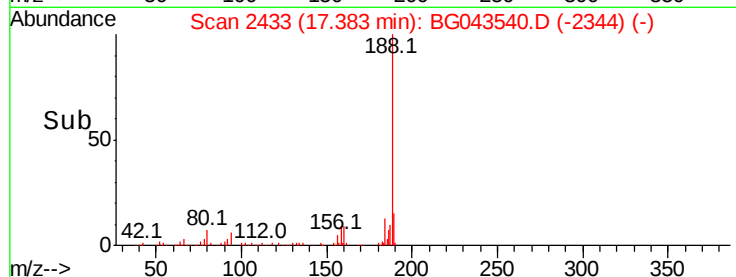
80 6.8 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043540.D

Acq: 7 Nov 2019 15:38

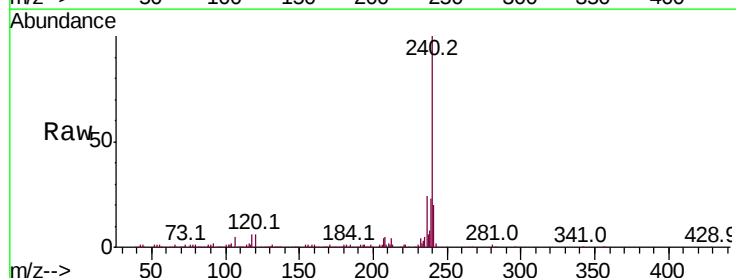
Tgt Ion:240 Resp: 227092

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

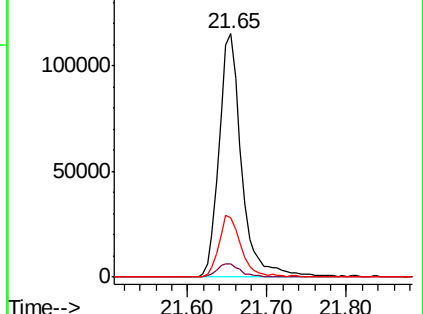
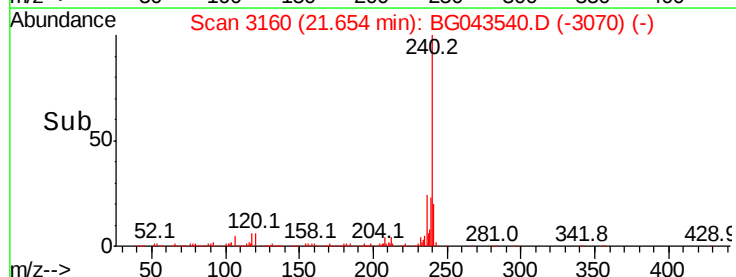
236 24.4 19.8 29.8

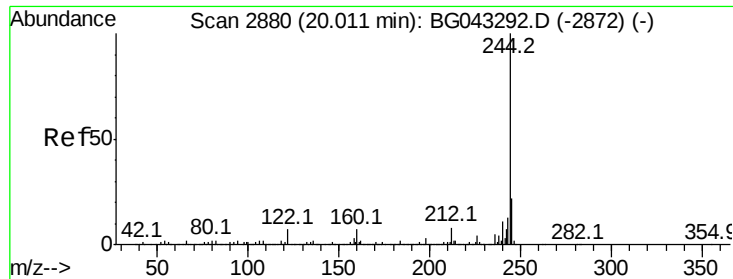


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.483 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043540.D

Acq: 7 Nov 2019 15:38

Instrument :

BNA_G

ClientSampled :

PB124565BL

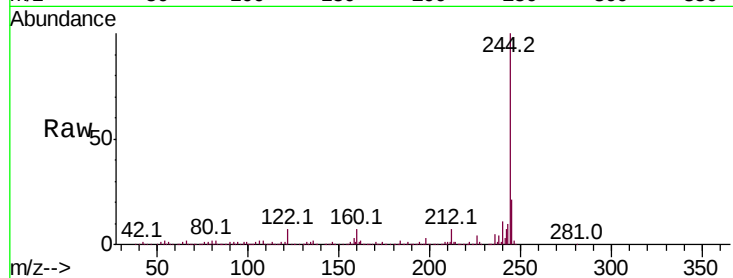
Tot Ion:244 Resp: 1131588

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.8	5.4	8.2

244 100

212 7.0 5.8 8.6

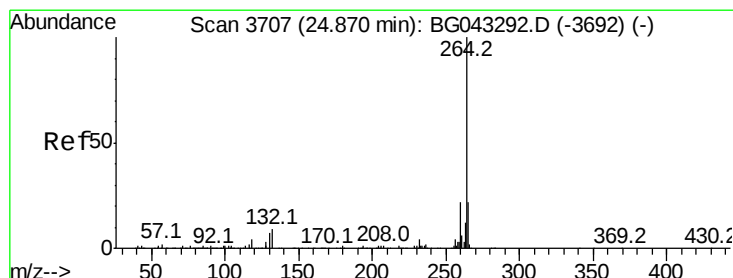
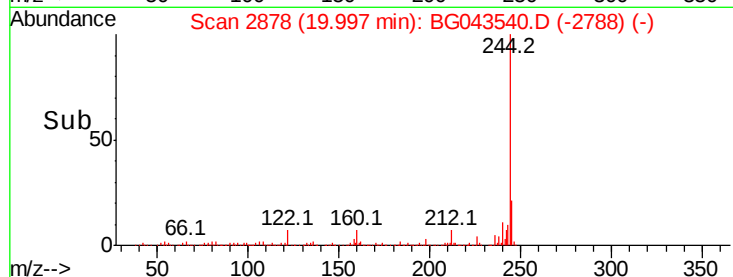
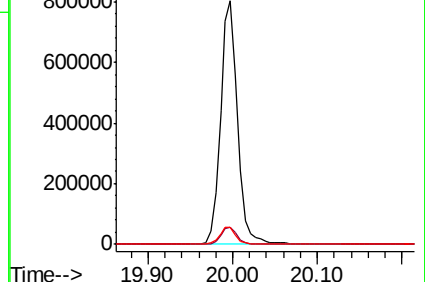
122 6.8 5.4 8.2



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# 3703

Delta R.T. -0.01 min

Lab File: BG043540.D

Acq: 7 Nov 2019 15:38

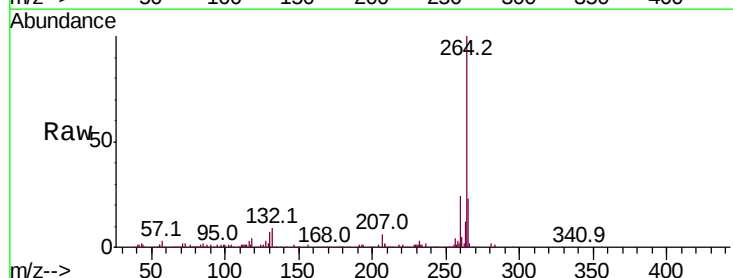
Tgt Ion:264 Resp: 257566

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.5	26.3
265	22.7	17.4	26.0

264 100

260 24.2 17.5 26.3

265 22.7 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

