

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043503.D
 Acq On : 5 Nov 2019 12:03
 Operator : JU
 Sample : PB124505BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BL

Quant Time: Nov 06 01:38:46 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	35623	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	128003	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	98422	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	249563	20.00	ng	0.00
76) Chrysene-d12	21.65	240	298679	20.00	ng	0.00
87) Perylene-d12	24.85	264	359950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	198701	102.21	ng	0.00
7) Phenol-d6	7.19	99	259979	92.95	ng	0.00
23) Nitrobenzene-d5	9.17	82	157738	63.53	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	169948	90.74	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	429810	60.34	ng	0.00
79) Terphenyl-d14	20.00	244	1060672	66.62	ng	0.00

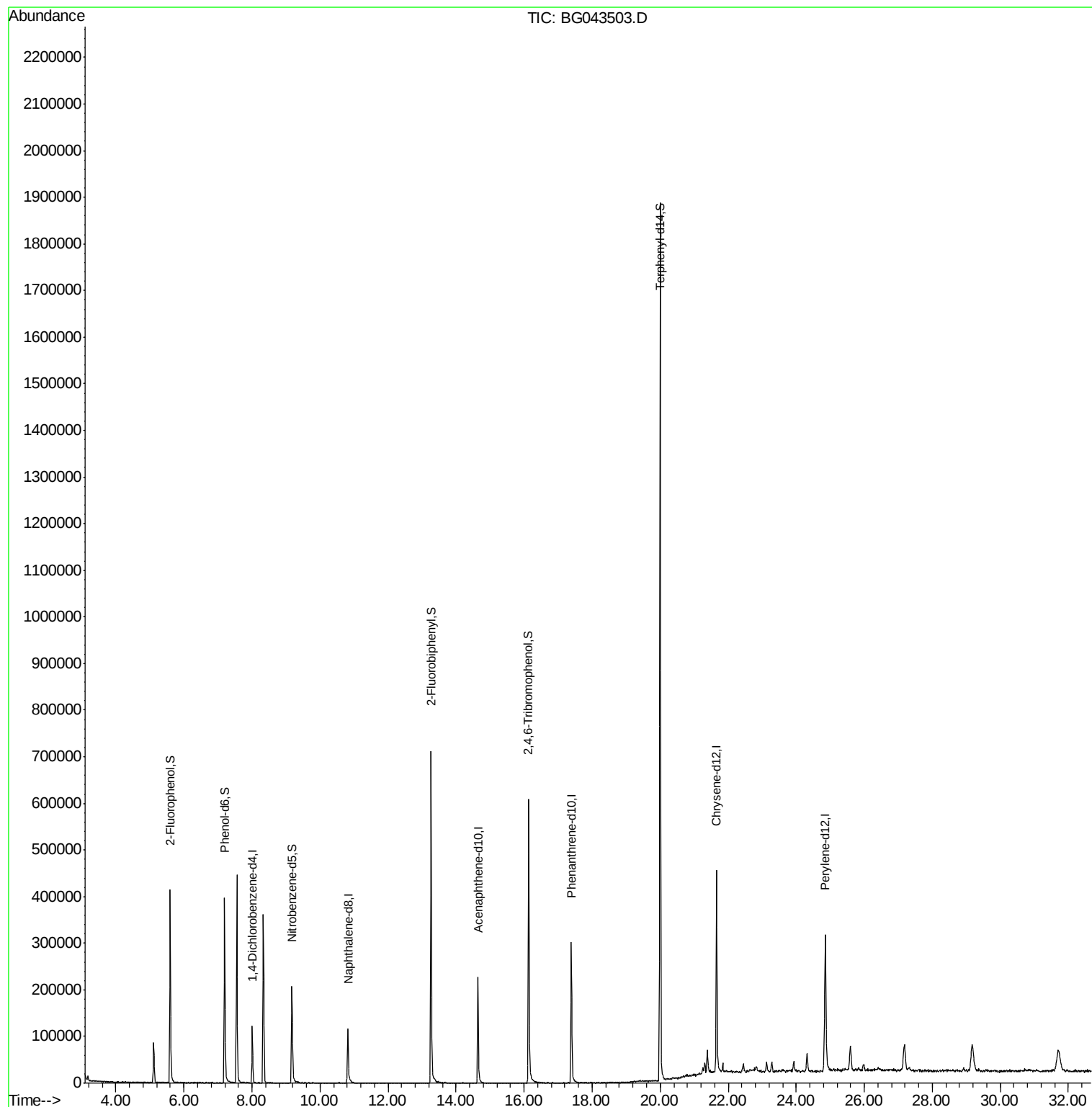
Target Compounds Qvalue

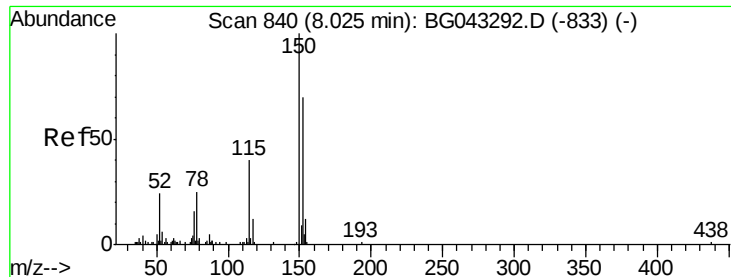
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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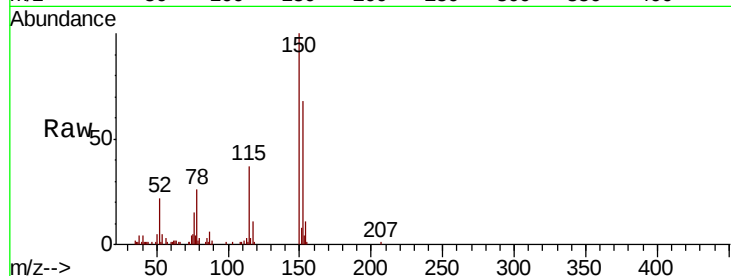


#1

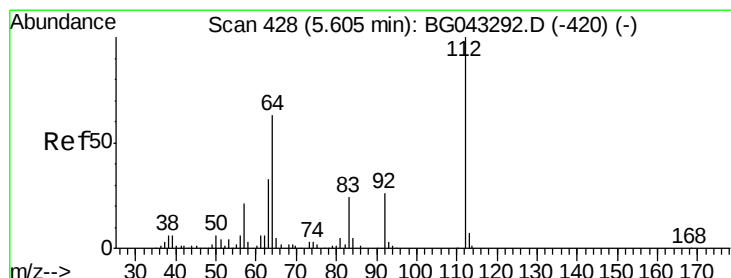
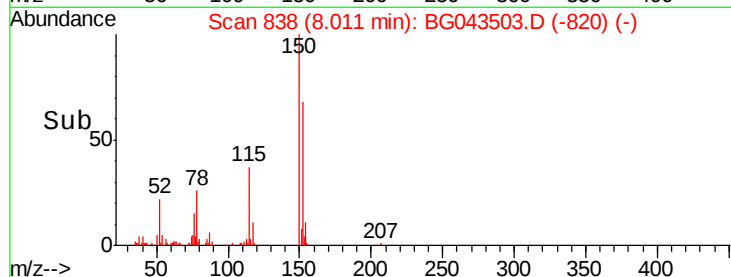
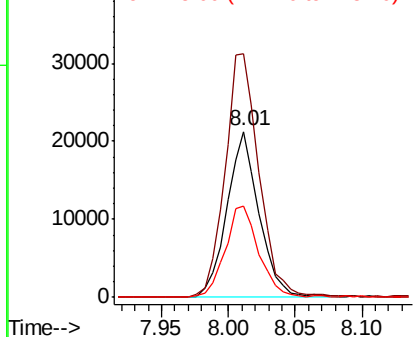
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043503.D
Acq: 5 Nov 2019 12:03

Instrument :
BNA_G
ClientSampleId :
PB124505BL

Tot Ion:152 Resp: 35623
Ion Ratio Lower Upper
152 100
150 146.9 129.4 194.0
115 55.1 48.8 73.2



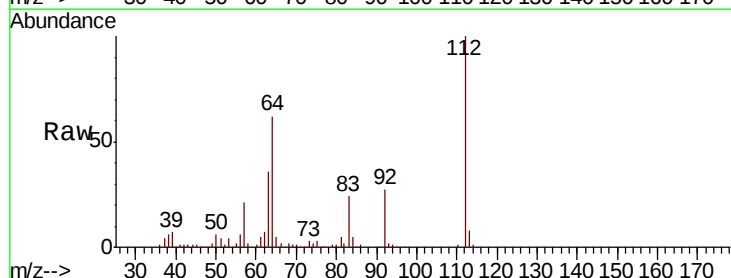
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



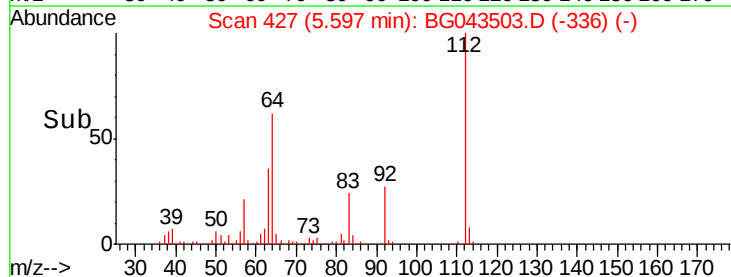
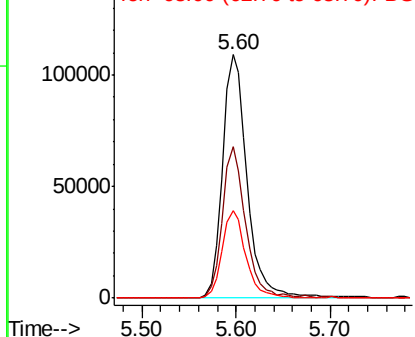
#5

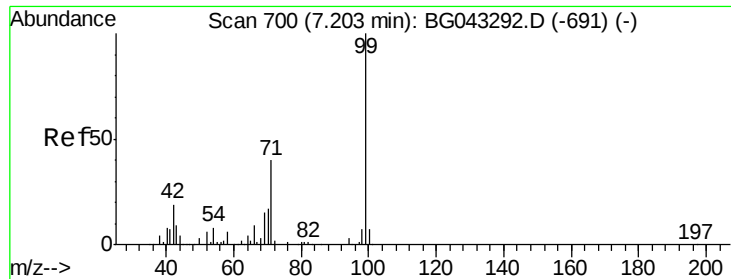
2-Fluorophenol
Concen: 102.212 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043503.D
Acq: 5 Nov 2019 12:03

Tgt Ion:112 Resp: 198701
Ion Ratio Lower Upper
112 100
64 62.0 50.0 75.0
63 35.7 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: 92.950 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043503.D

Acq: 5 Nov 2019 12:03

Instrument :

BNA_G

ClientSampleId :

PB124505BL

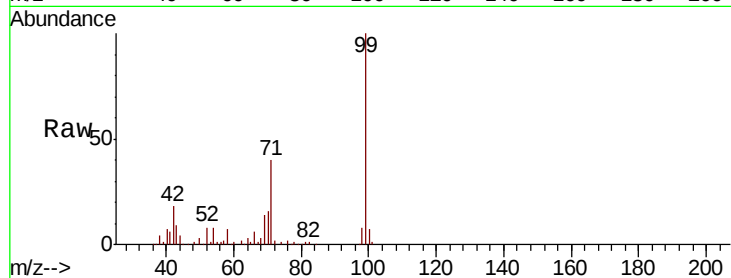
Tot Ion: 99 Resp: 259979

Ion Ratio Lower Upper

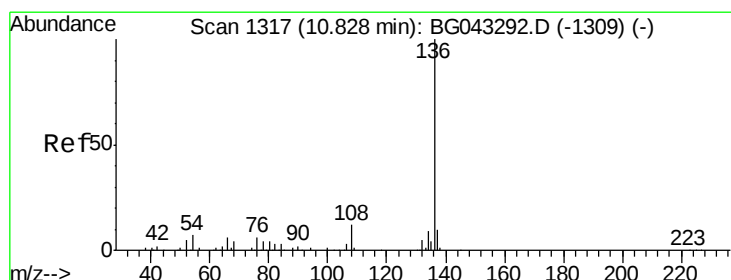
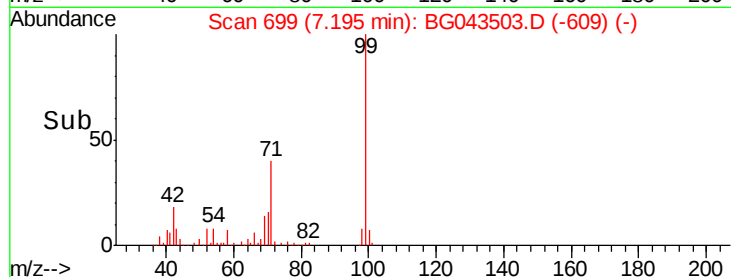
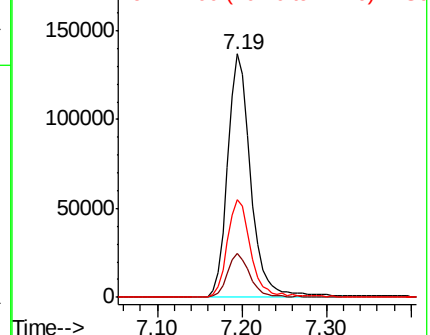
99 100

42 18.0 14.6 21.8

71 40.0 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: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG043503.D

Acq: 5 Nov 2019 12:03

Tgt Ion: 136 Resp: 128003

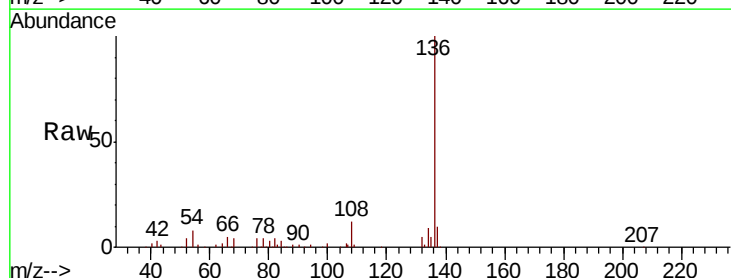
Ion Ratio Lower Upper

136 100

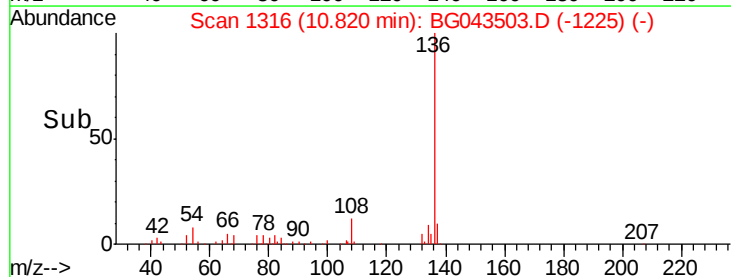
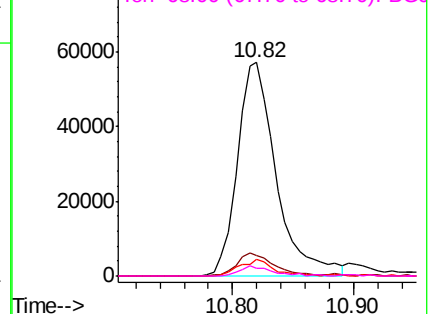
137 9.7 8.7 13.1

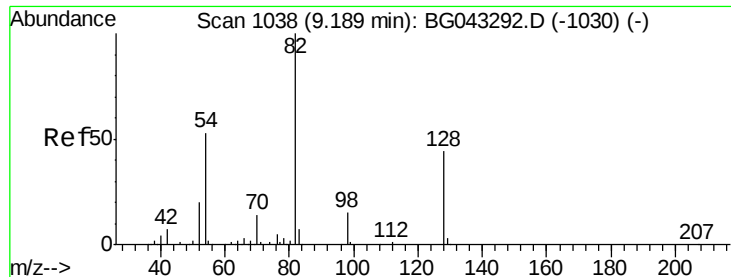
54 7.7 5.4 8.2

68 3.9 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

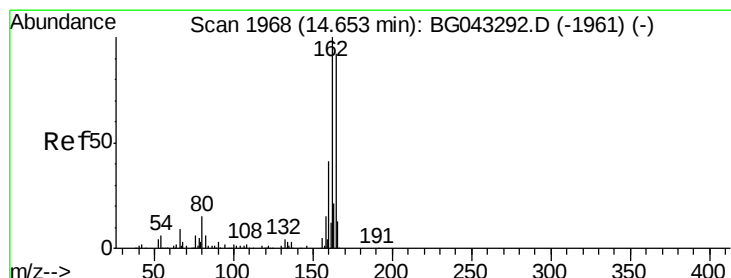
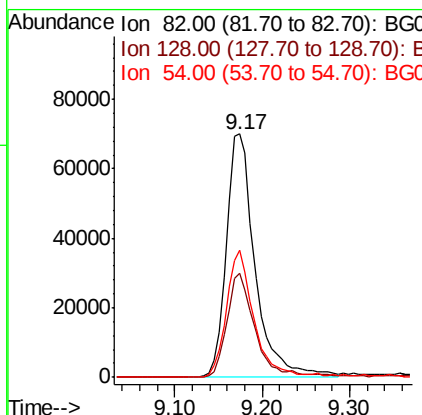
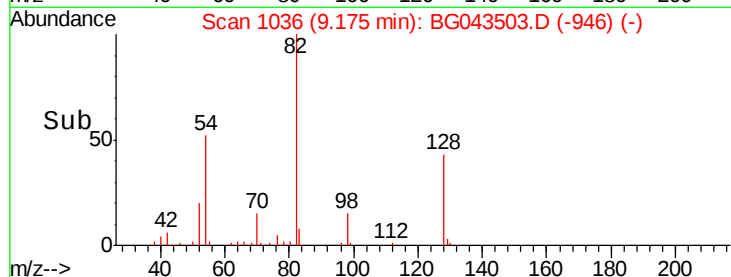
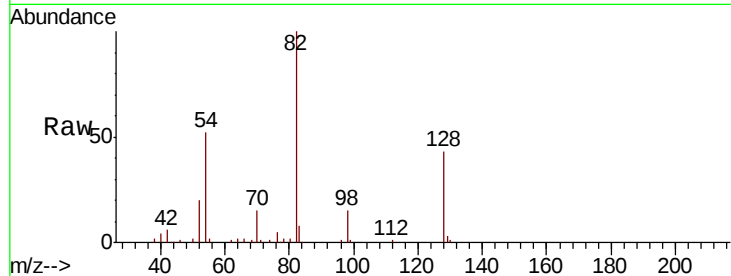




#23
Nitrobenzene-d5
Concen: 63.531 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043503.D
Acq: 5 Nov 2019 12:03

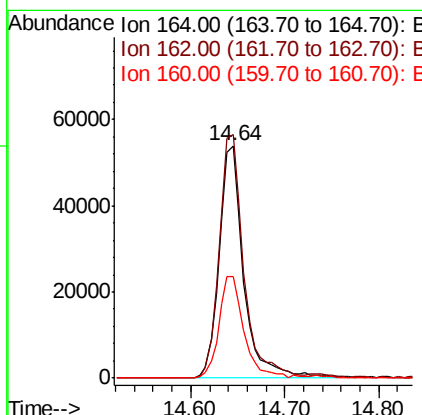
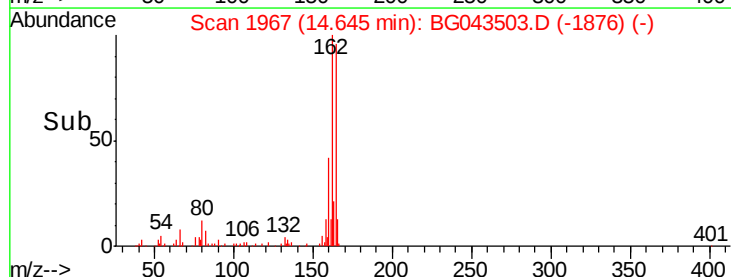
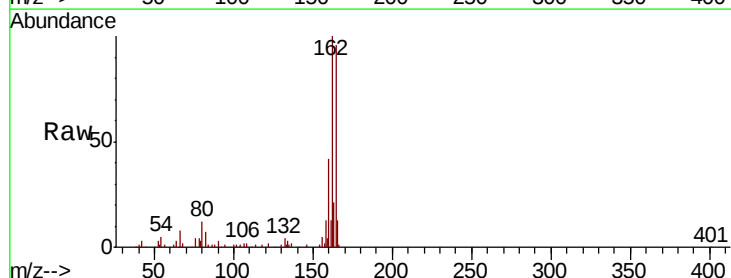
Instrument :
BNA_G
ClientSampleId :
PB124505BL

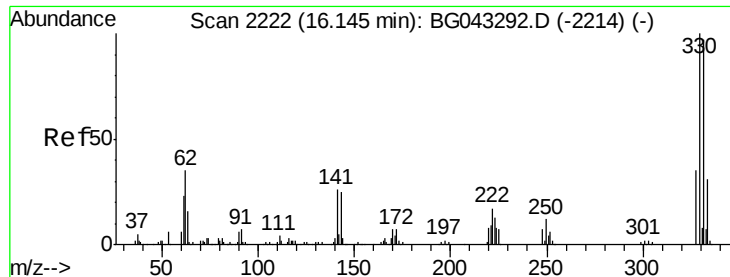
Tot Ion: 82 Resp: 157738
Ion Ratio Lower Upper
82 100
128 42.7 35.0 52.6
54 52.1 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG043503.D
Acq: 5 Nov 2019 12:03

Tgt Ion:164 Resp: 98422
Ion Ratio Lower Upper
164 100
162 104.7 83.5 125.3
160 43.8 36.5 54.7

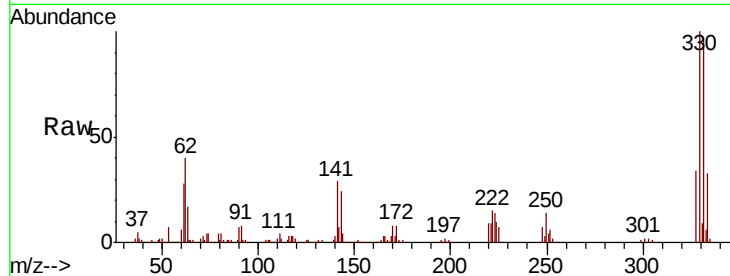




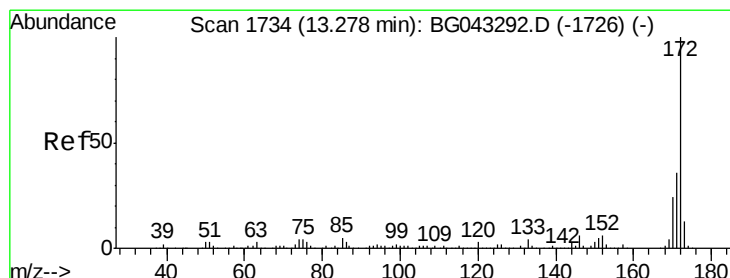
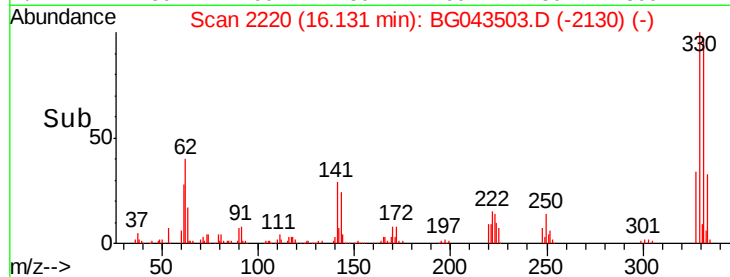
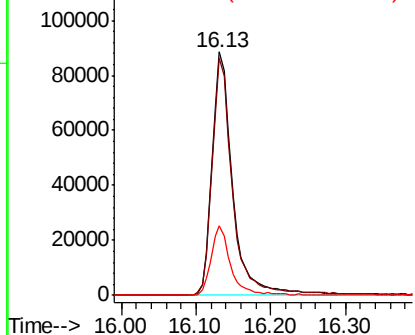
#42
 2,4,6-Tribromophenol
 Concen: 90.737 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043503.D
 Acq: 5 Nov 2019 12:03

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BL

Tot Ion:330 Resp: 169948
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.0
 141 27.0 22.8 34.2

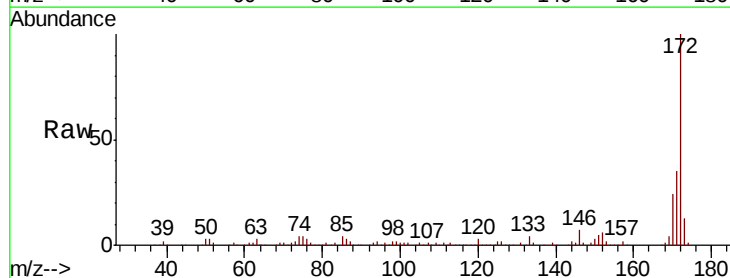


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

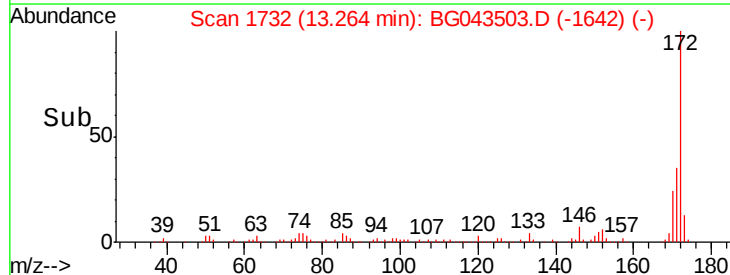
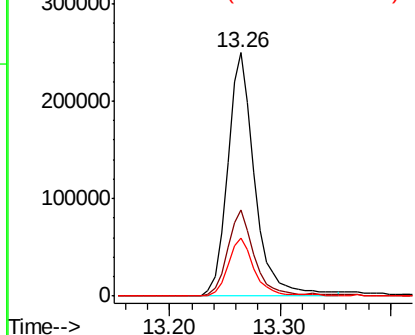


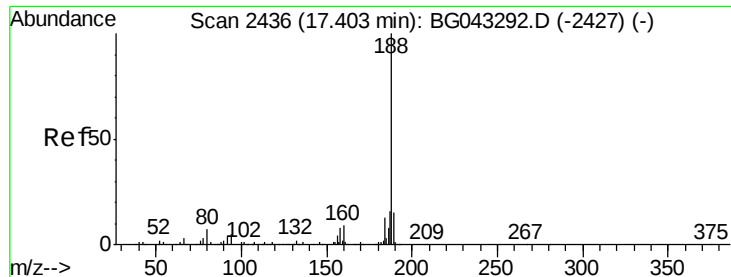
#45
 2-Fluorobiphenyl
 Concen: 60.344 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043503.D
 Acq: 5 Nov 2019 12:03

Tgt Ion:172 Resp: 429810
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 24.0 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# 2434

Delta R.T. -0.00 min

Lab File: BG043503.D

Acq: 5 Nov 2019 12:03

Instrument :

BNA_G

ClientSampleId :

PB124505BL

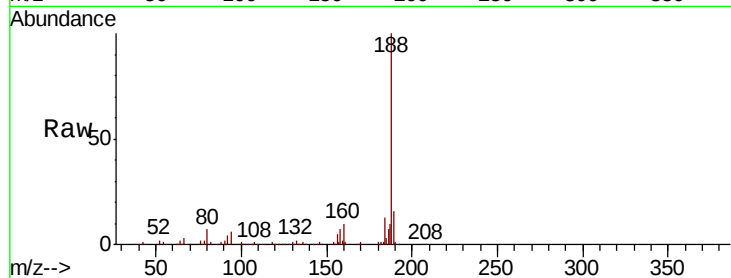
Tot Ion:188 Resp: 249563

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

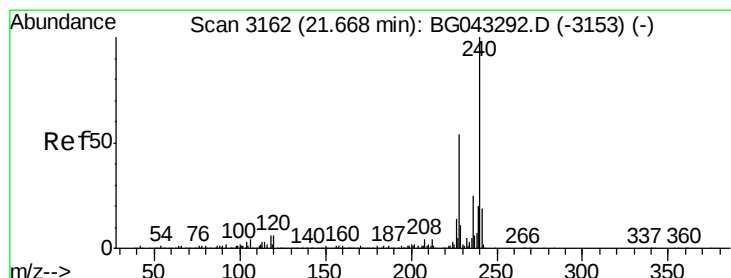
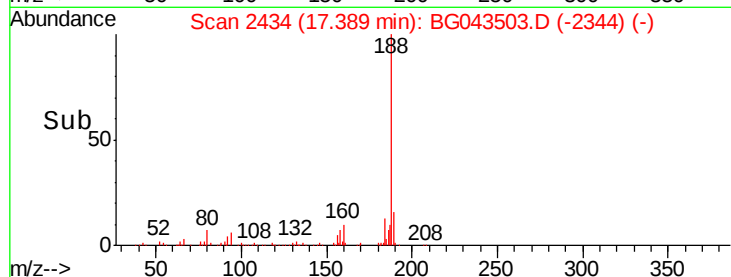
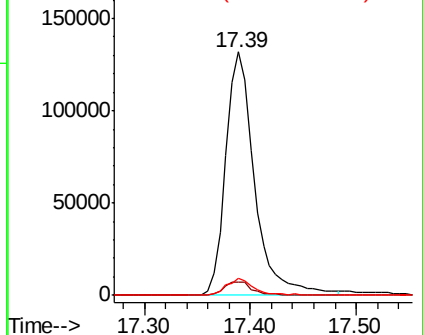
80 6.9 4.5 6.7#



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: BG043503.D

Acq: 5 Nov 2019 12:03

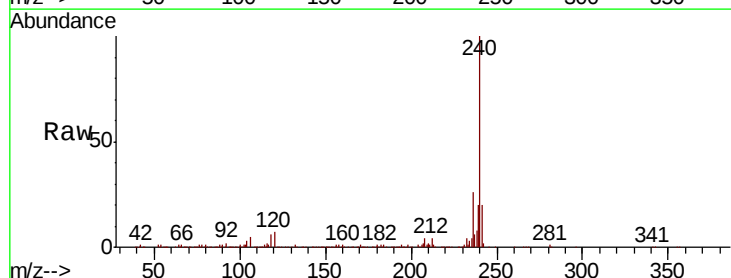
Tgt Ion:240 Resp: 298679

Ion Ratio Lower Upper

240 100

120 6.5 4.6 6.8

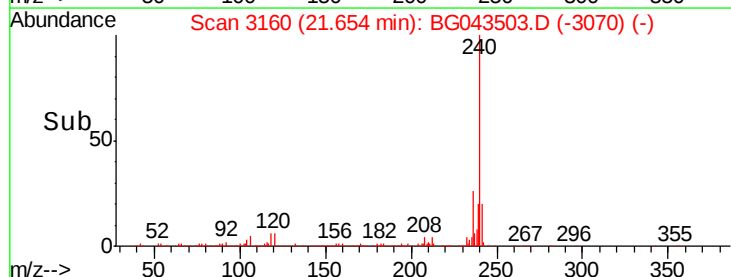
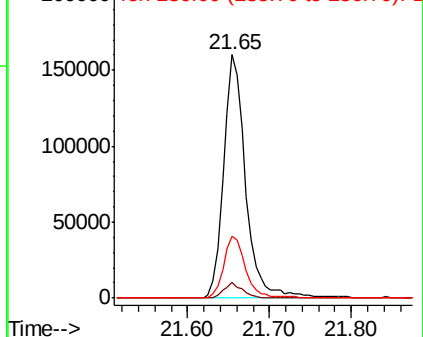
236 25.6 19.8 29.8

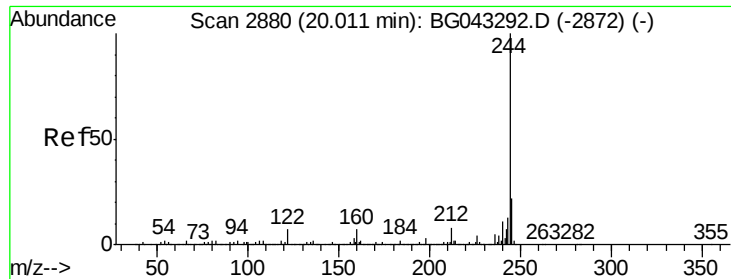


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.623 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043503.D

Acq: 5 Nov 2019 12:03

Instrument :

BNA_G

ClientSampleId :

PB124505BL

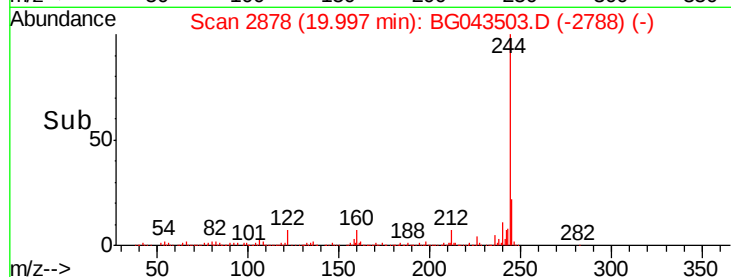
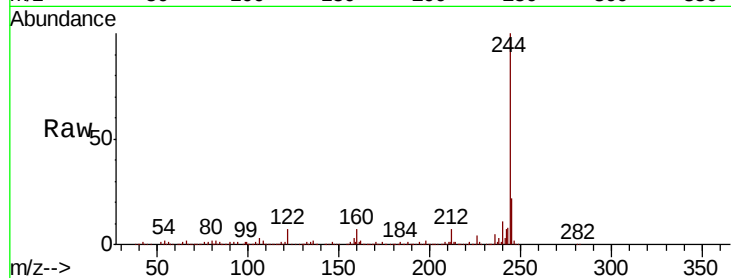
Tot Ion:244 Resp: 1060672

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

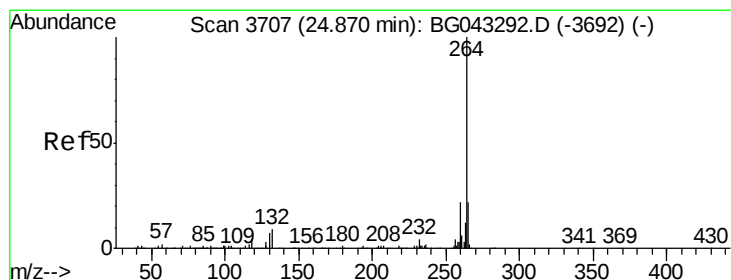
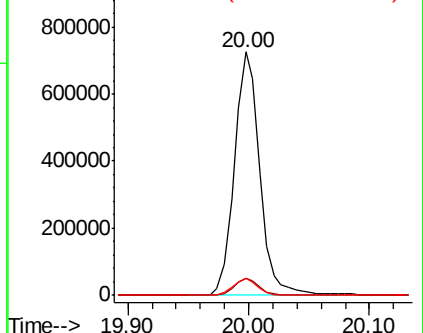
122 6.9 5.4 8.2



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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043503.D

Acq: 5 Nov 2019 12:03

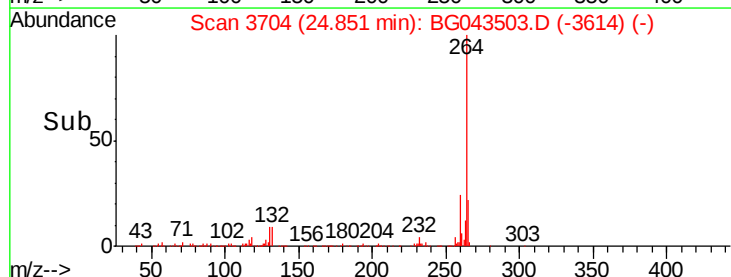
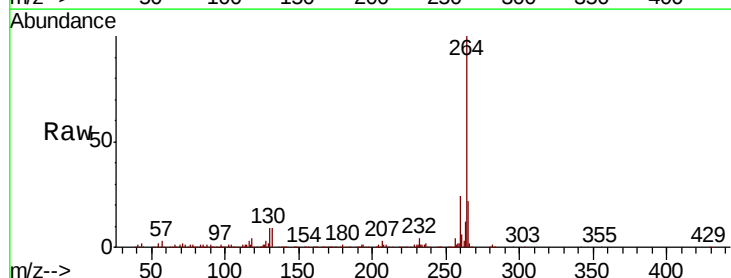
Tgt Ion:264 Resp: 359950

Ion Ratio Lower Upper

264 100

260 24.4 17.5 26.3

265 22.0 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

