

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040806.D
 Acq On : 9 May 2019 4:33
 Operator : HP/JU
 Sample : PB119548BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BL

Quant Time: May 09 05:42:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39977	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	156417	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	120747	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	357834	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	345323	20.00	ng	-0.03
87) Perylene-d12	25.15	264	253322	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	341097	150.40	ng	-0.01
7) Phenol-d6	7.28	99	507383	145.30	ng	-0.02
23) Nitrobenzene-d5	9.32	82	348671	103.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	264989	159.66	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	796518	95.27	ng	-0.02
79) Terphenyl-d14	20.11	244	1674747	107.44	ng	-0.02

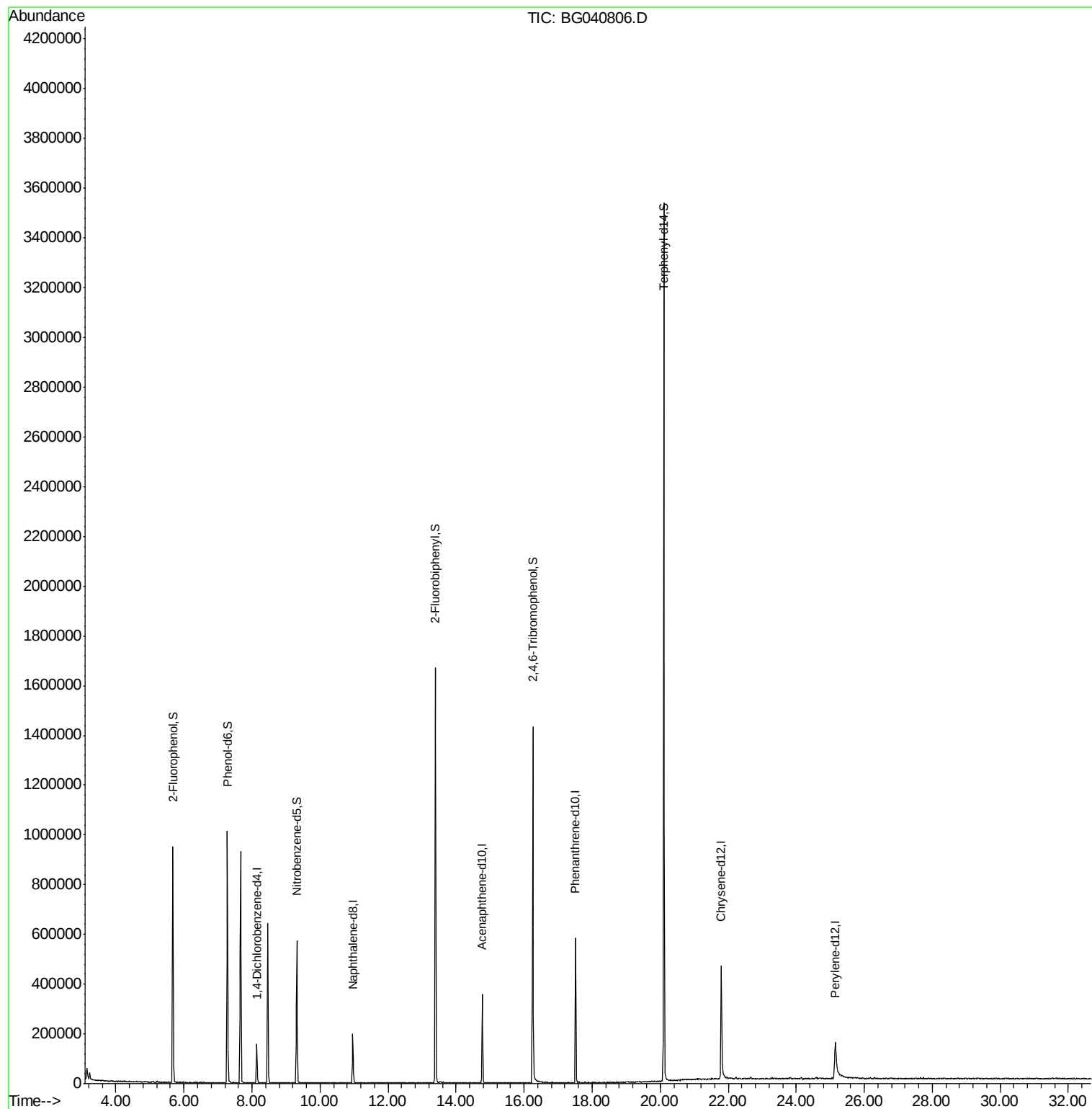
Target Compounds Qvalue

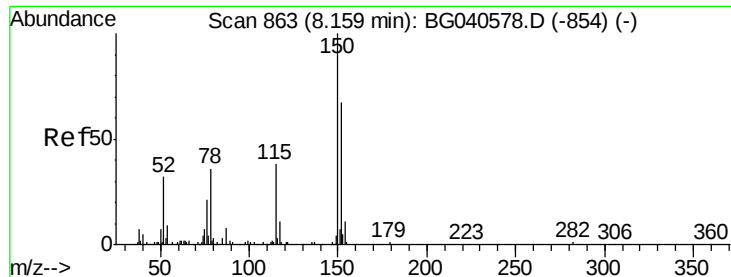
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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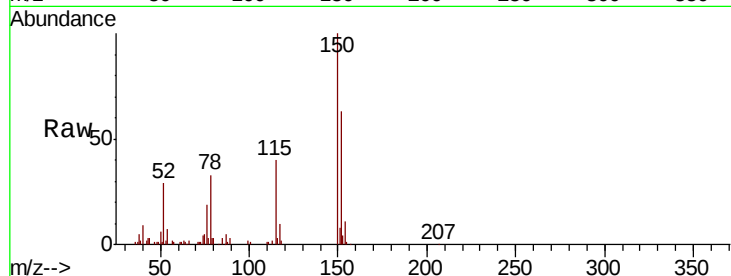


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG040806.D
 Acq: 9 May 2019 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	120.2	180.2
115	63.2	46.2	69.2

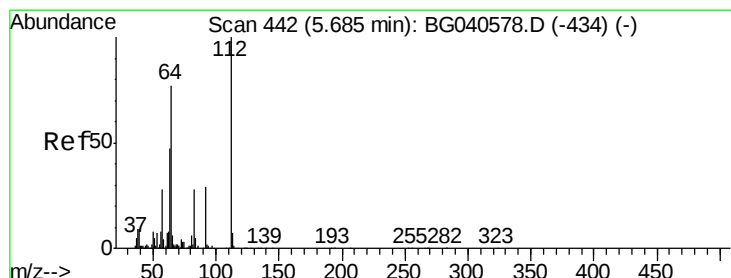
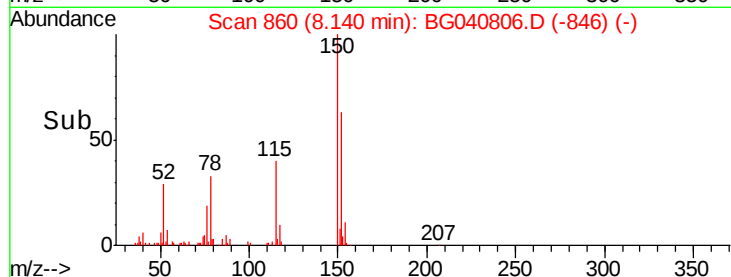
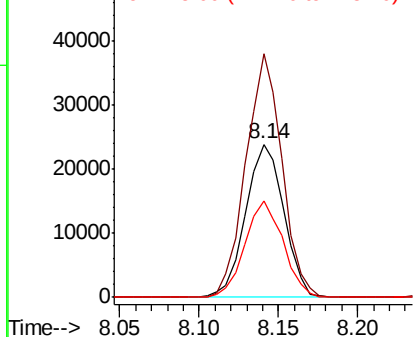


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

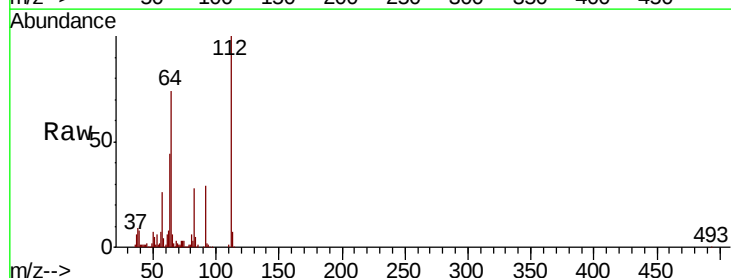
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 150.405 ng
 RT: 5.67 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BG040806.D
 Acq: 9 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	61.4	92.0
63	43.8	37.8	56.6

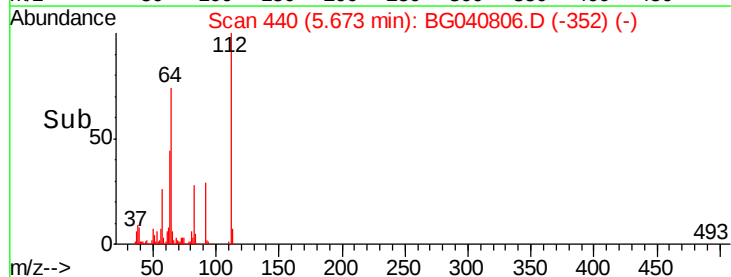
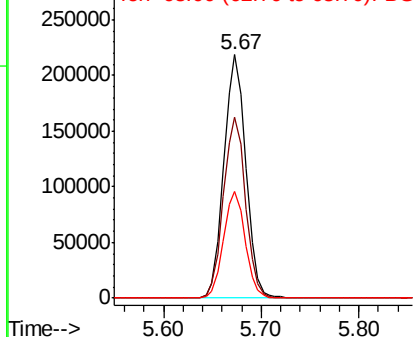


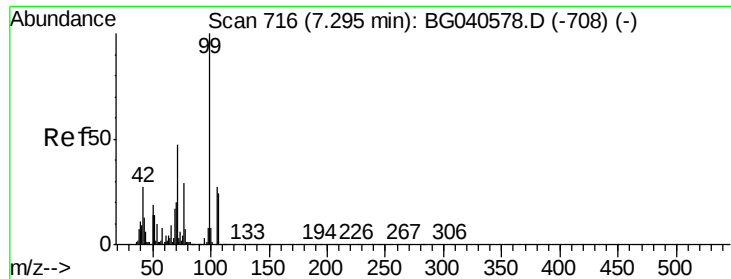
Abundance

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: 145.305 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040806.D

Acq: 9 May 2019 4:33

Instrument :

BNA_G

ClientSampleId :

PB119548BL

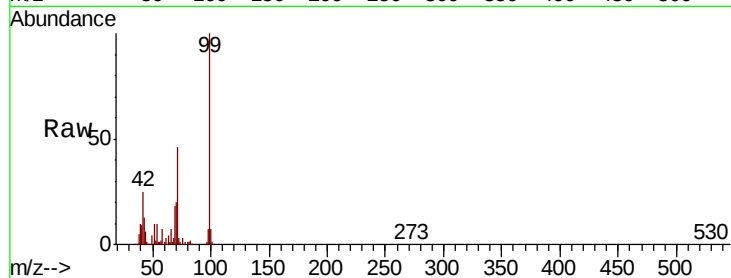
Tot Ion: 99 Resp: 507383

Ion Ratio Lower Upper

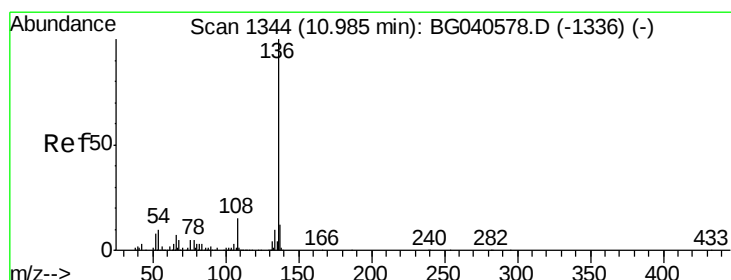
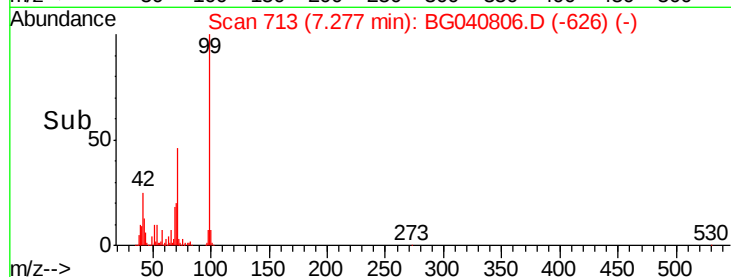
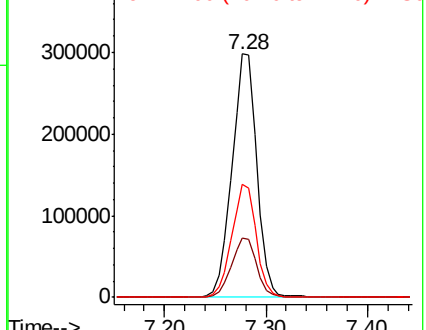
99 100

42 24.6 21.8 32.8

71 46.2 38.6 57.8



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: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040806.D

Acq: 9 May 2019 4:33

Tgt Ion: 136 Resp: 156417

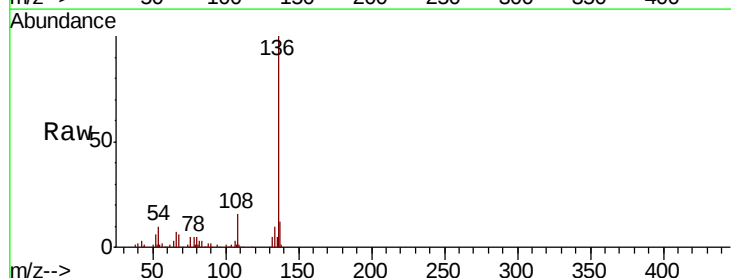
Ion Ratio Lower Upper

136 100

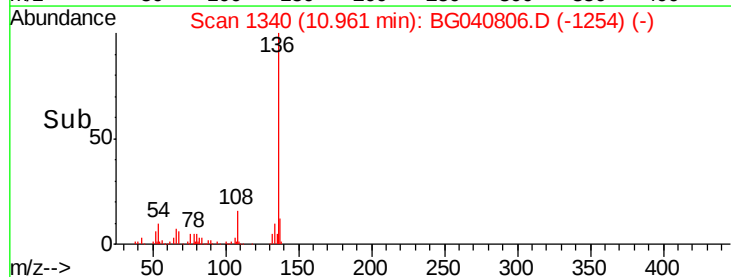
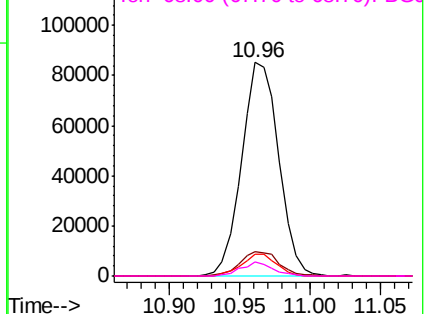
137 11.6 9.7 14.5

54 10.3 8.6 12.8

68 6.4 4.8 7.2



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

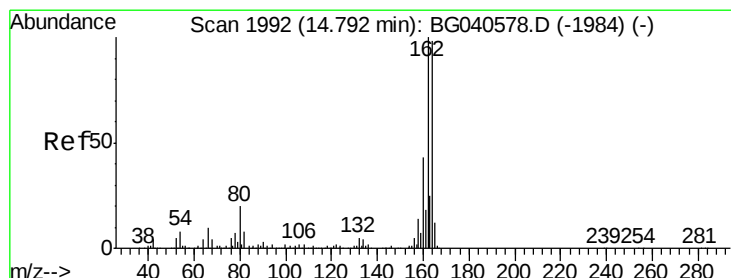
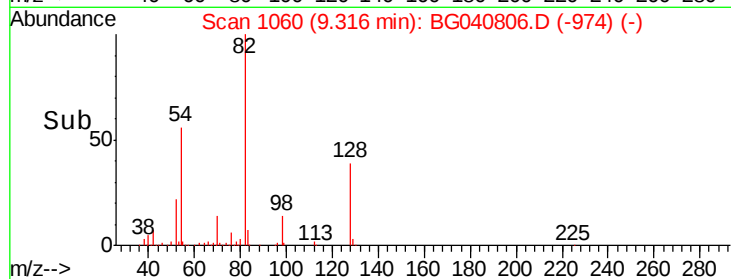
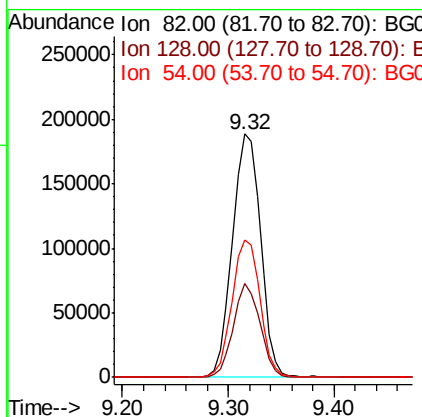
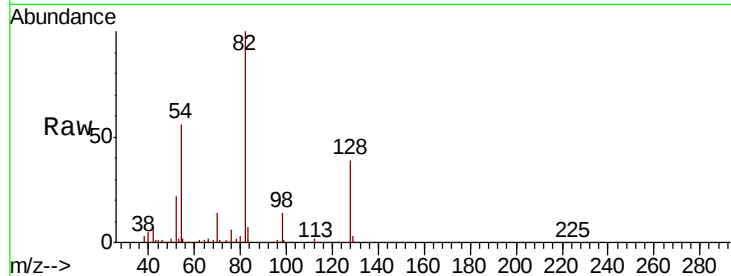




#23
Nitrobenzene-d5
Concen: 102.999 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040806.D
Acq: 9 May 2019 4:33

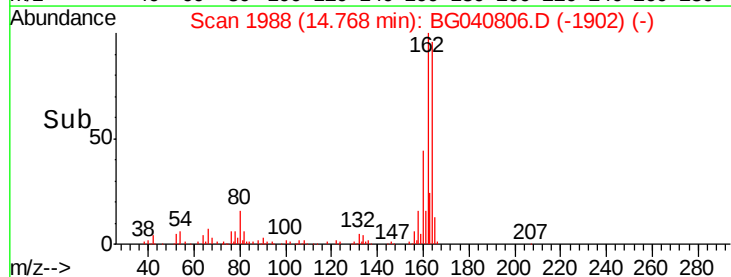
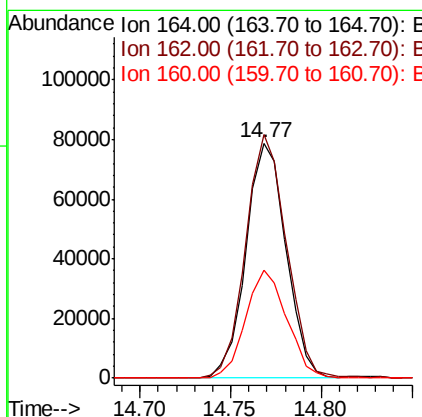
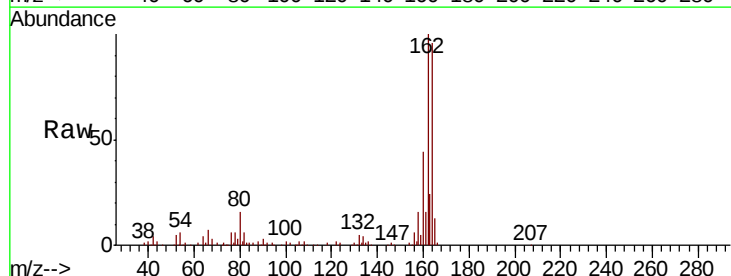
Instrument :
BNA_G
ClientSampleId :
PB119548BL

Tot Ion	82	Resp	348671
Ion Ratio	Lower	Upper	
82	100		
128	38.7	28.9	43.3
54	56.2	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040806.D
Acq: 9 May 2019 4:33

Tgt Ion	164	Resp	120747
Ion Ratio	Lower	Upper	
164	100		
162	103.7	81.9	122.9
160	46.0	35.4	53.2

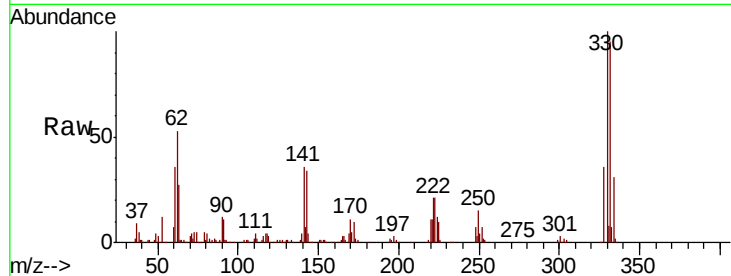




#42
2,4,6-Tribromophenol
Concen: 159.661 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040806.D
Acq: 9 May 2019 4:33

Instrument :
BNA_G
ClientSampleId :
PB119548BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.9	113.9
141	37.6	32.4	48.6

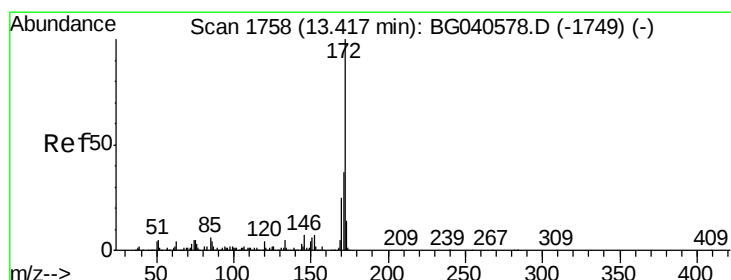
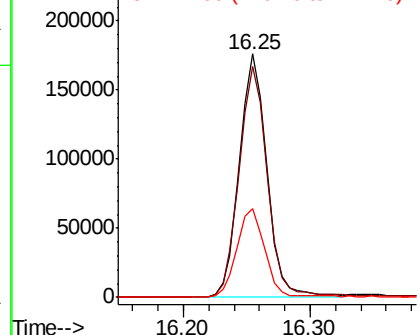
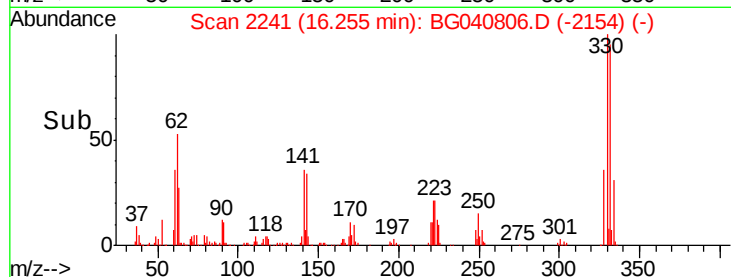


Abundance

Ion 329.80 (329.50 to 330.50): E

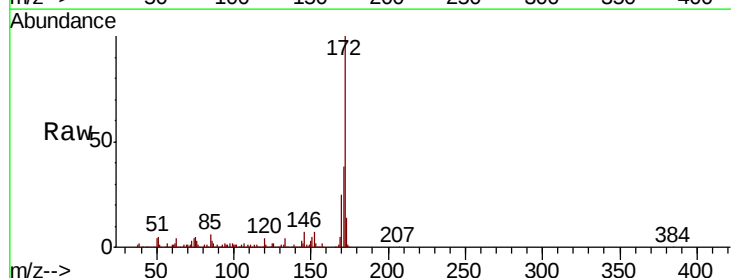
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 95.268 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040806.D
Acq: 9 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.2
170	25.4	19.9	29.9

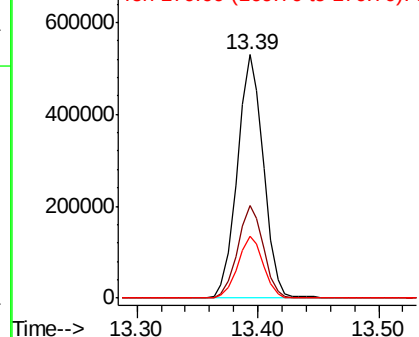
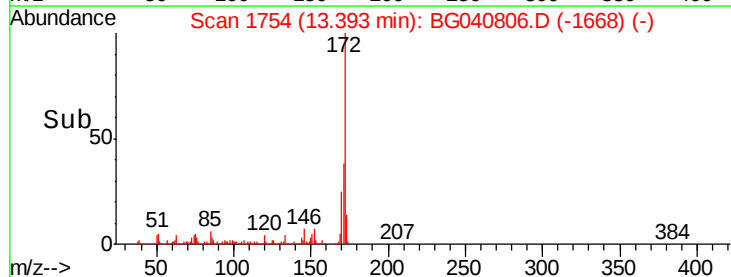


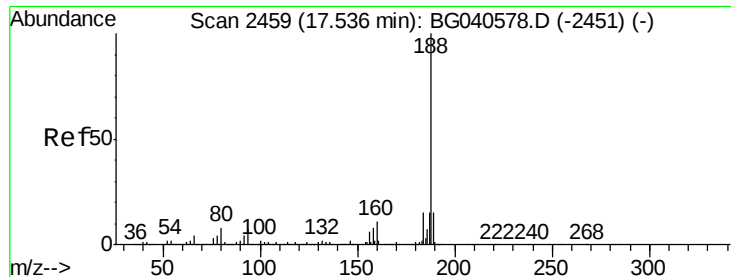
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040806.D

Acq: 9 May 2019 4:33

Instrument :

BNA_G

ClientSampleId :

PB119548BL

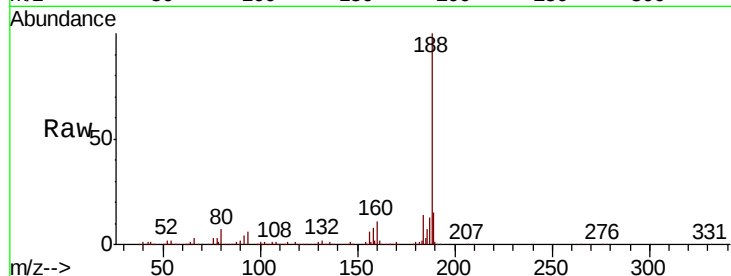
Tot Ion:188 Resp: 357834

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

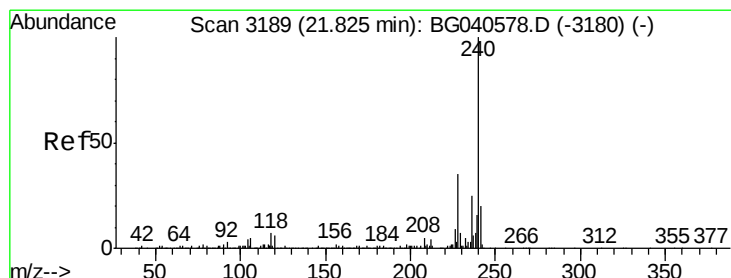
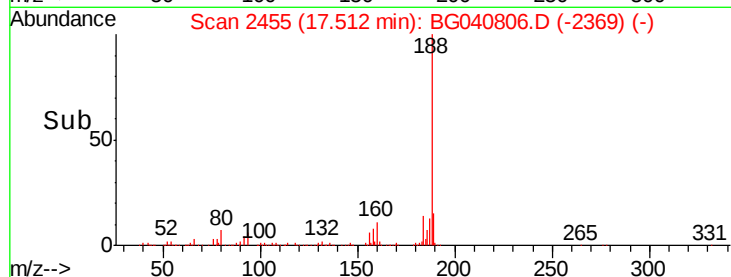
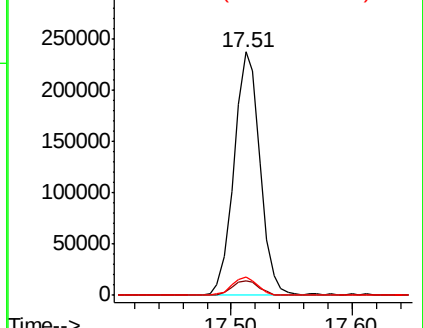
80 7.4 6.4 9.6



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: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040806.D

Acq: 9 May 2019 4:33

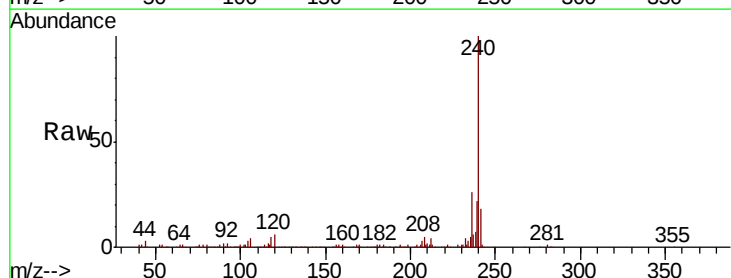
Tgt Ion:240 Resp: 345323

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

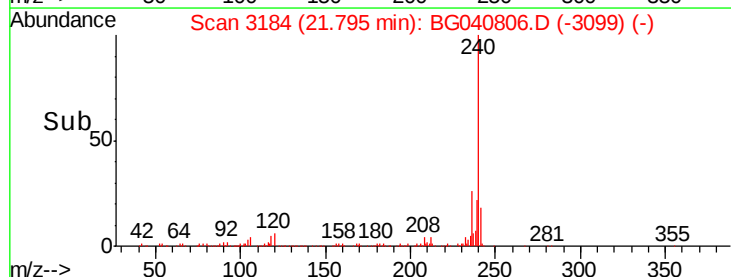
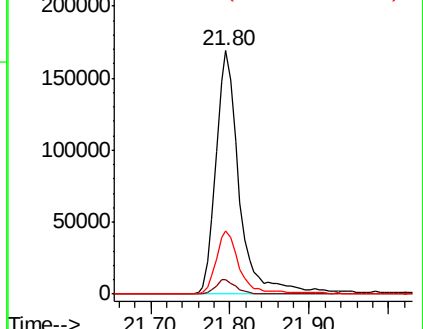
236 25.8 20.3 30.5

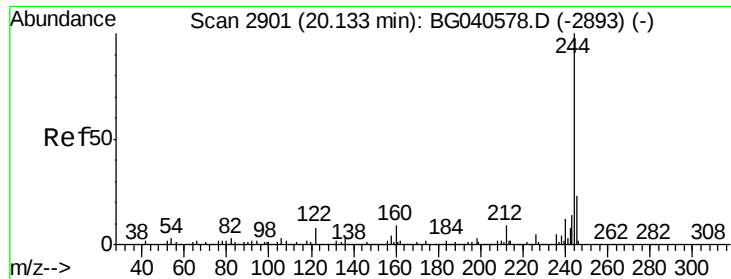


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.444 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040806.D

Acq: 9 May 2019 4:33

Instrument :

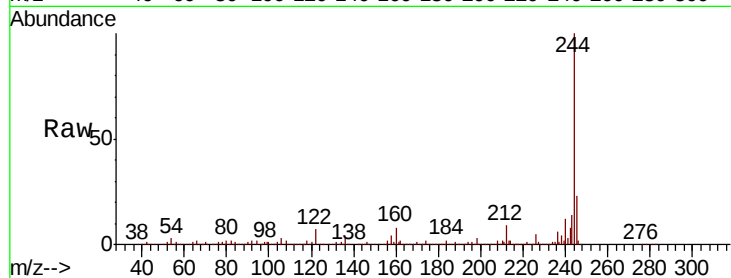
BNA_G

ClientSampleId :

PB119548BL

Tot Ion:244 Resp: 1674747

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	7.4	6.6	10.0

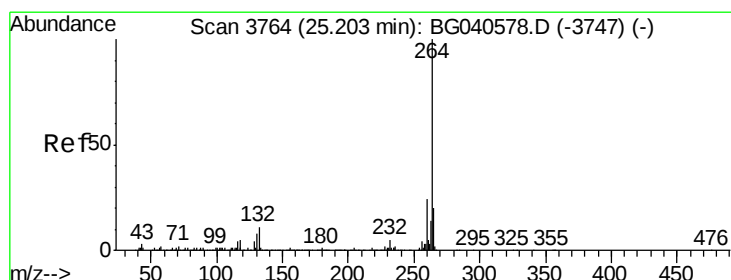
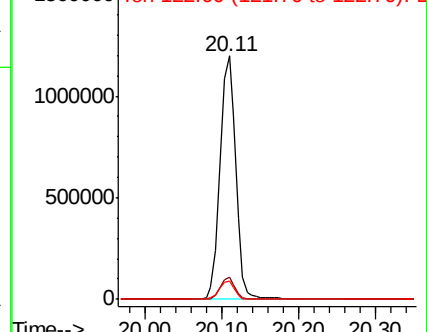
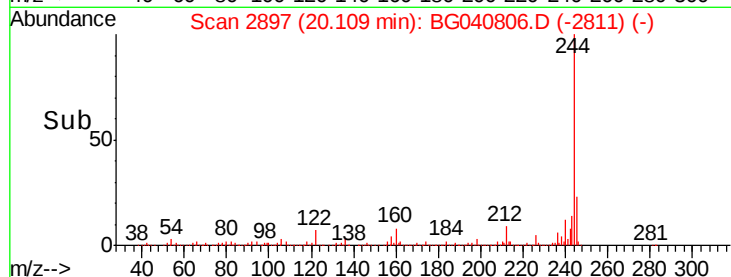


Abundance

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: 25.15 min Scan# 3755

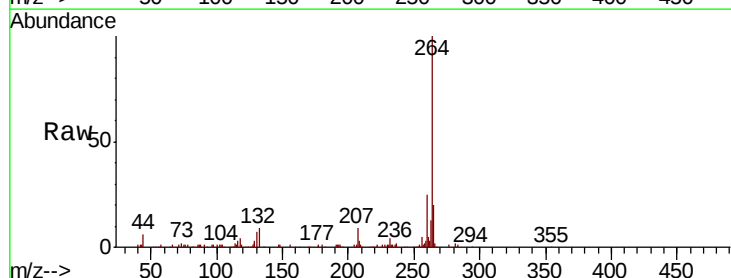
Delta R.T. -0.05 min

Lab File: BG040806.D

Acq: 9 May 2019 4:33

Tgt Ion:264 Resp: 253322

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.3	16.6	25.0



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

