

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036541.D
 Acq On : 4 Sep 2018 21:04
 Operator : JU/SJ
 Sample : PB112577TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112577TB

Quant Time: Sep 05 05:21:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62537	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255649	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169571	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	445584	20.00	ng	0.00
75) Chrysene-d12	21.69	240	486690	20.00	ng	0.00
86) Perylene-d12	24.90	264	467628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	475976	120.73	ng	0.00
7) Phenol-d6	7.21	99	665606	117.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	394758	83.78	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	265228	131.08	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	958866	80.74	ng	0.00
78) Terphenyl-d14	20.03	244	1669723	80.19	ng	0.00

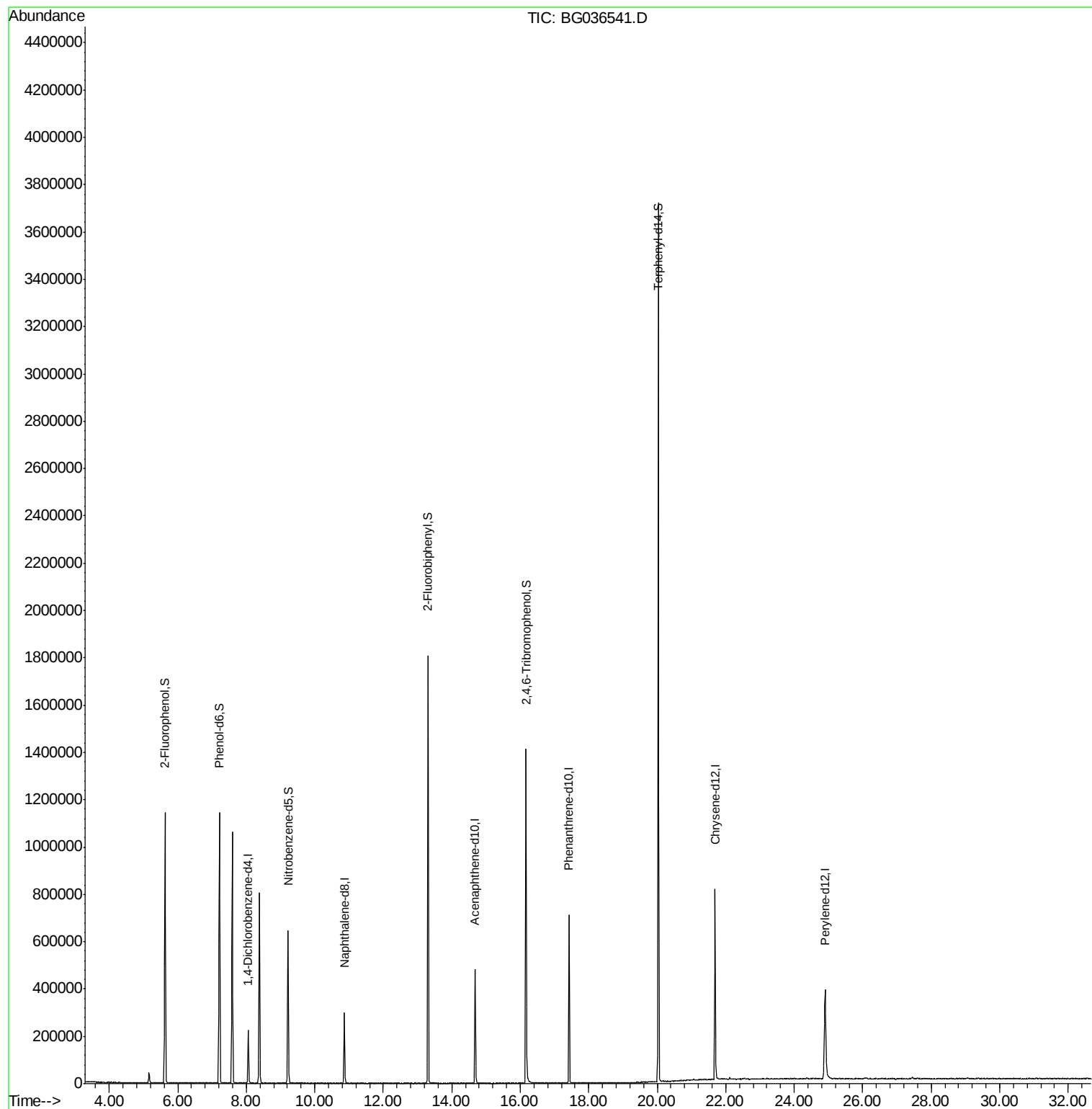
Target Compounds Qvalue

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

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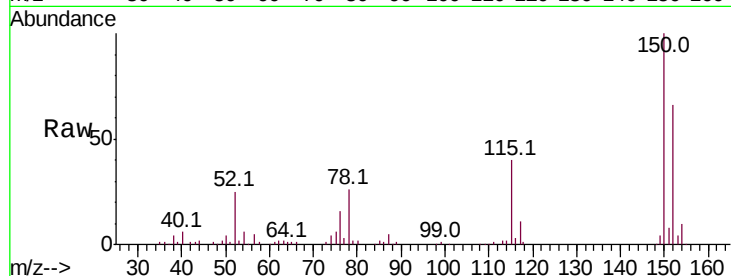


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB112577TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.5	179.3
115	60.9	44.5	66.7

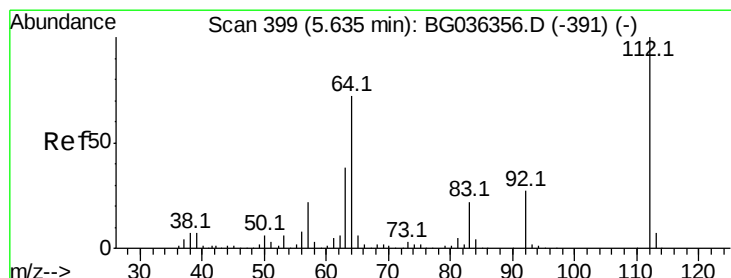
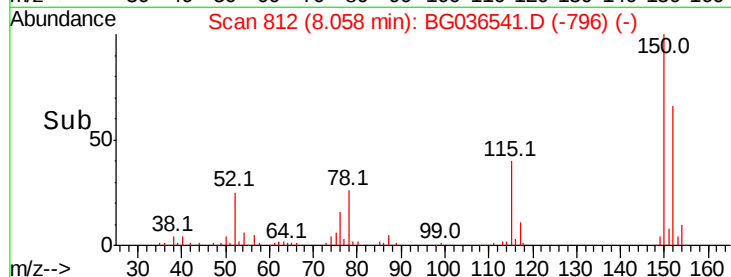
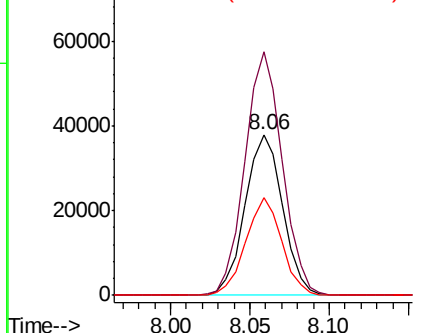


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

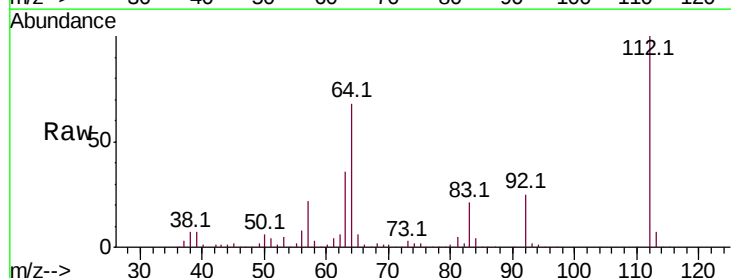
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.735 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.2	85.8
63	35.6	30.8	46.2

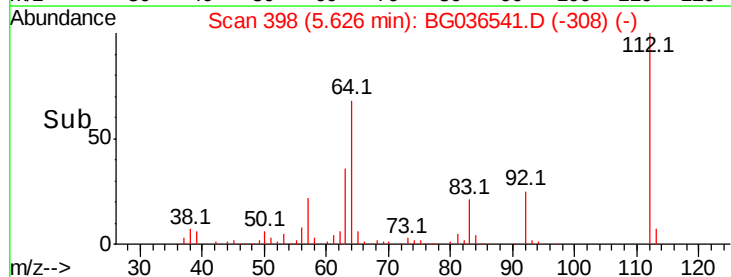
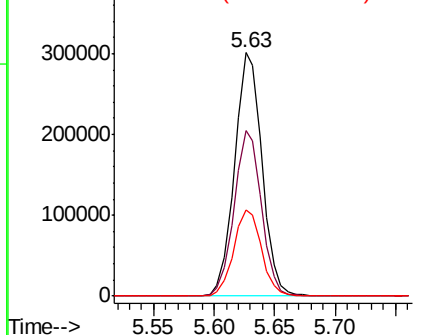


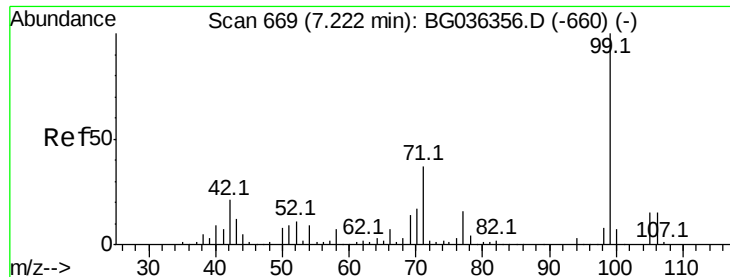
Abundance

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: 117.922 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

Instrument :

BNA_G

ClientSampleID :

PB112577TB

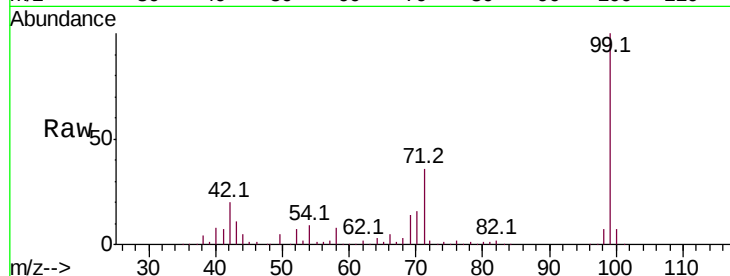
Tot Ion: 99 Resp: 665606

Ion Ratio Lower Upper

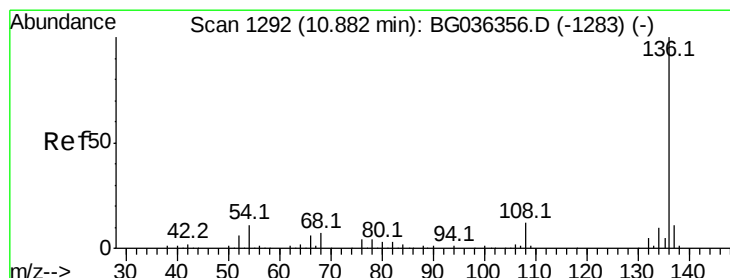
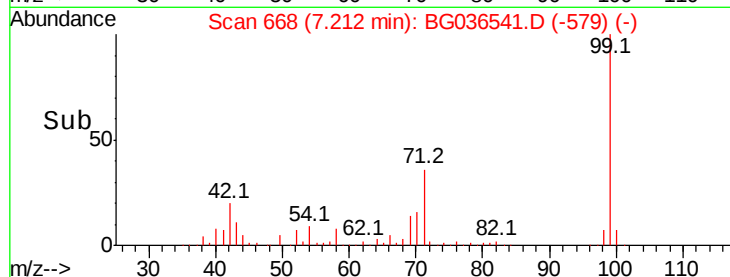
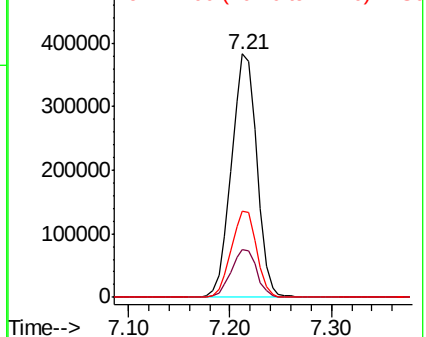
99 100

42 19.5 16.5 24.7

71 35.5 29.4 44.2



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: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

Tgt Ion: 136 Resp: 255649

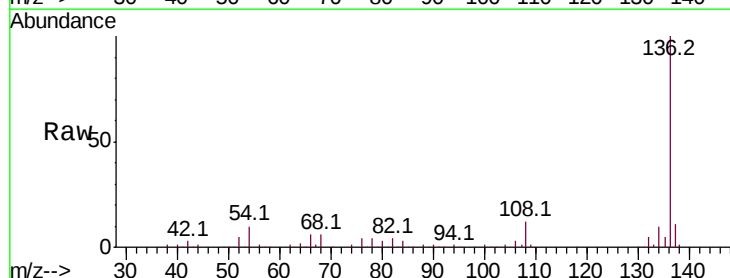
Ion Ratio Lower Upper

136 100

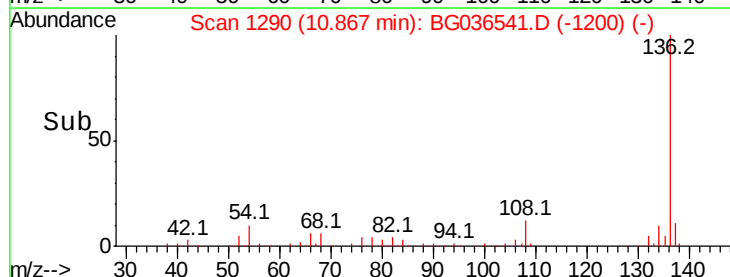
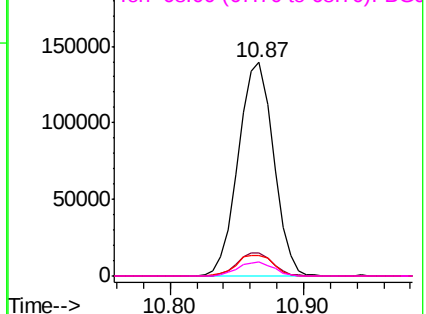
137 11.0 8.8 13.2

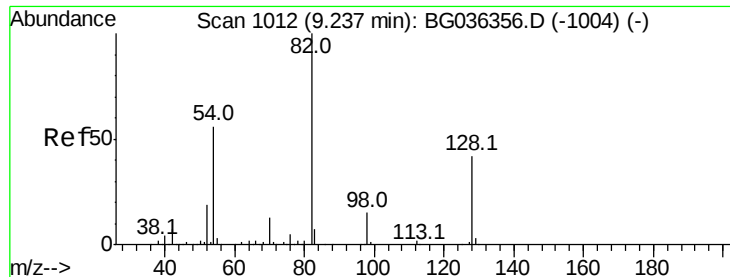
54 9.9 9.2 13.8

68 6.5 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

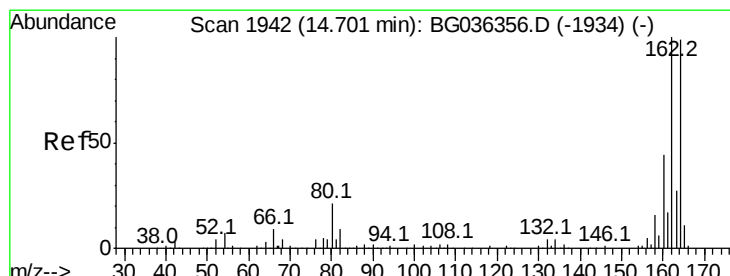
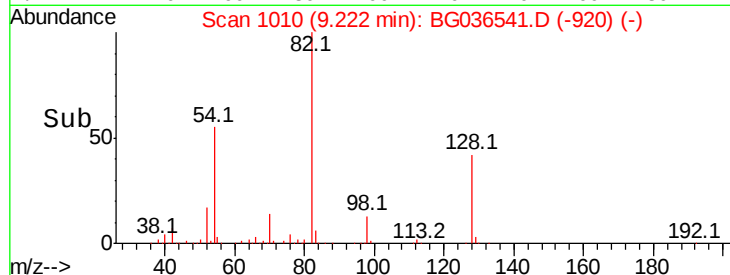
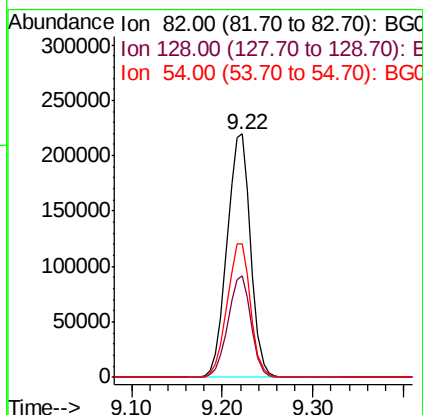
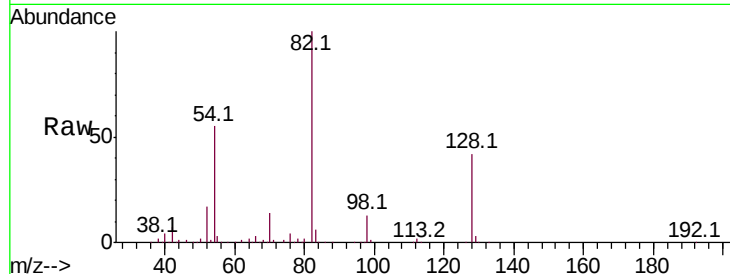




#23
 Nitrobenzene-d5
 Concen: 83.780 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

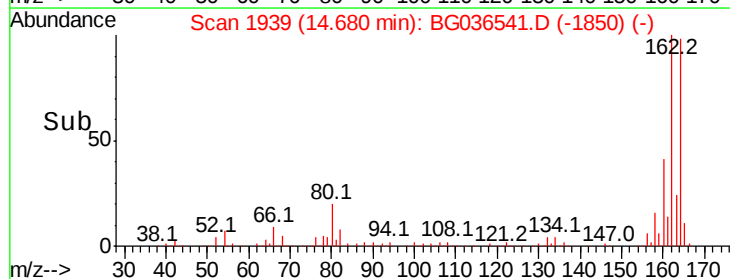
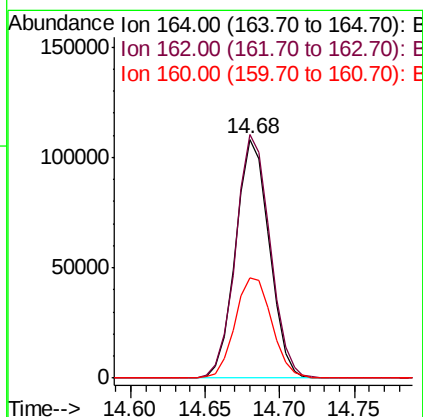
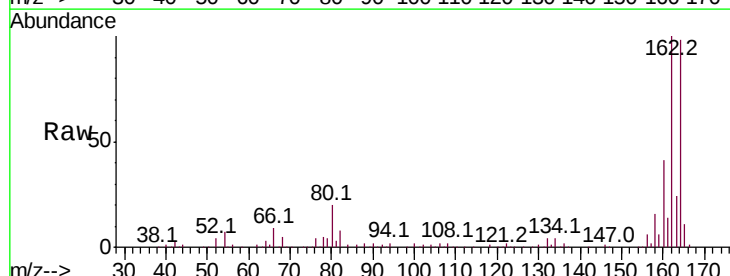
Instrument :
 BNA_G
 ClientSampleId :
 PB112577TB

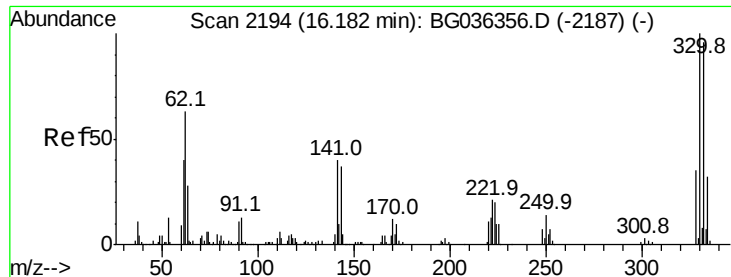
Tot Ion	82	Resp	394758
Ion Ratio	Lower	Upper	
82	100		
128	41.5	33.3	49.9
54	55.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

Tgt Ion	164	Resp	169571
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.7	121.1
160	41.9	35.3	52.9

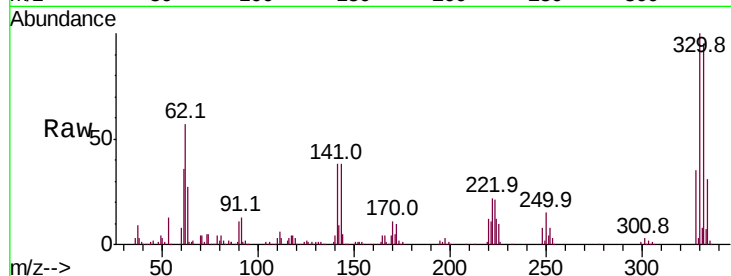




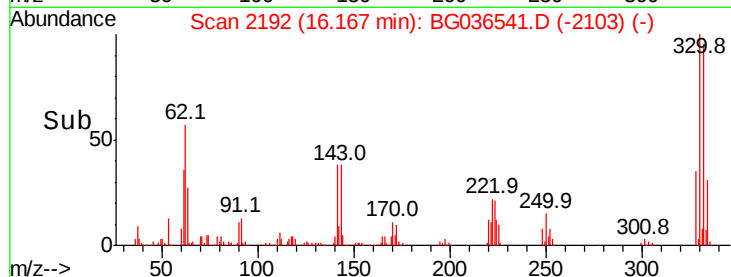
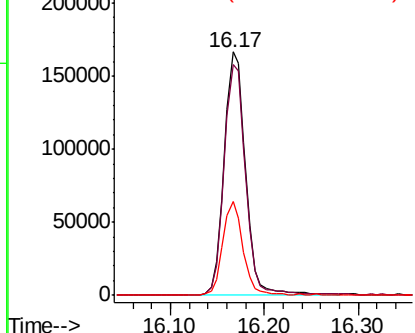
#41
 2,4,6-Tribromophenol
 Concen: 131.083 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB112577TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	37.0	30.7	46.1

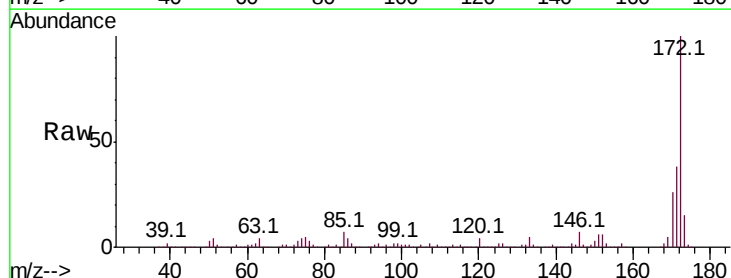


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

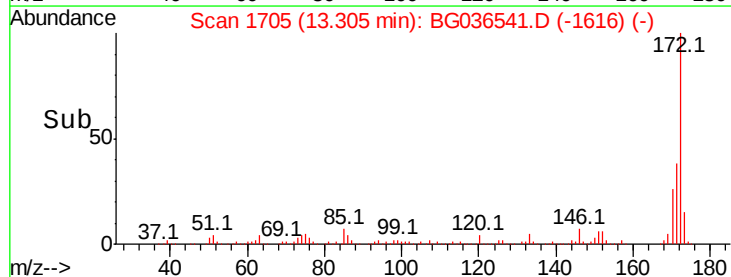
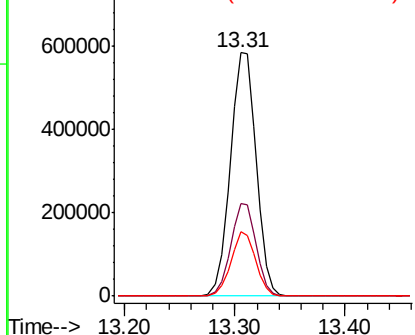


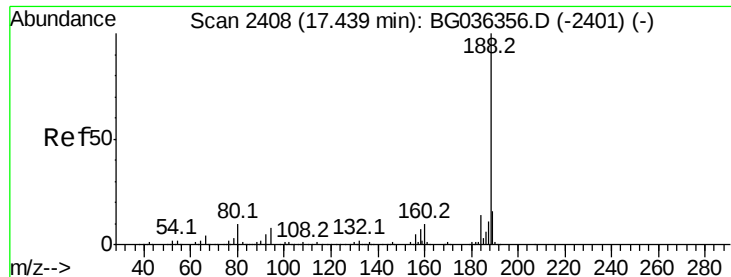
#44
 2-Fluorobiphenyl
 Concen: 80.738 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.3	21.0	31.6



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

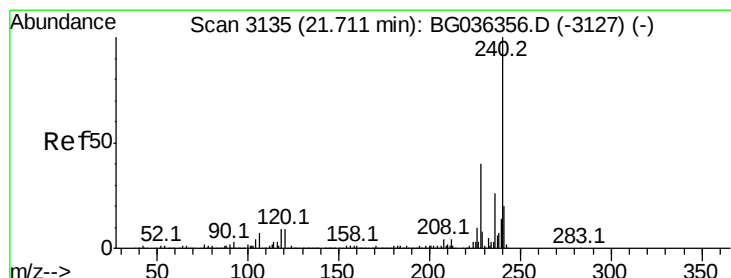
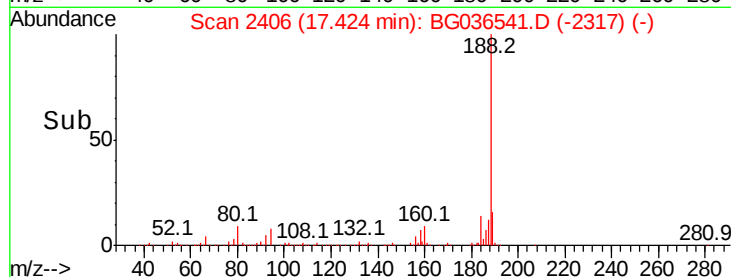
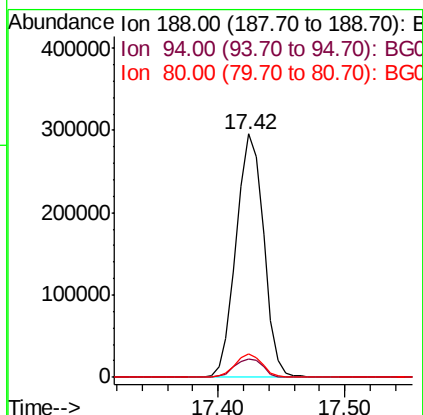
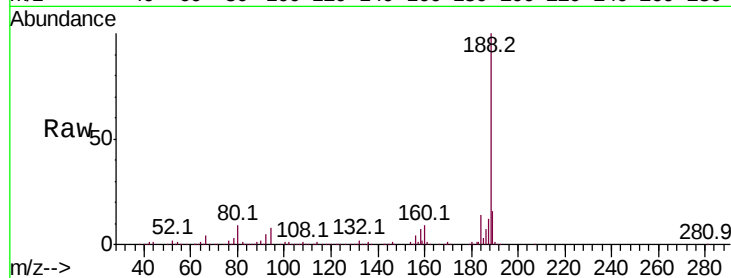




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

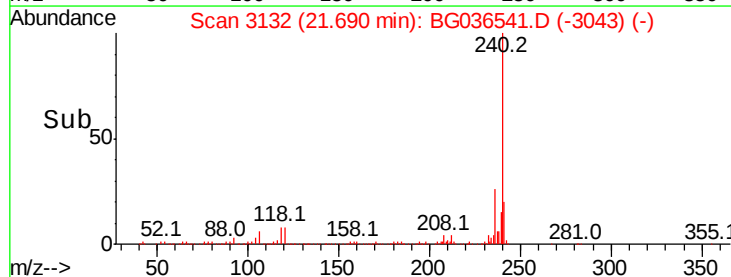
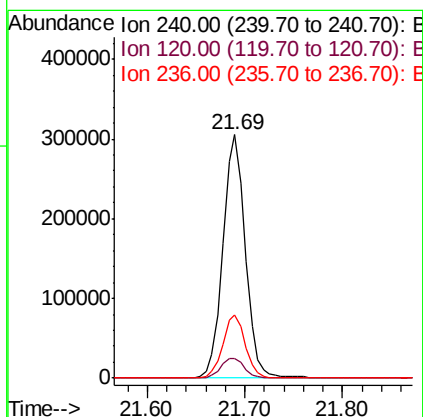
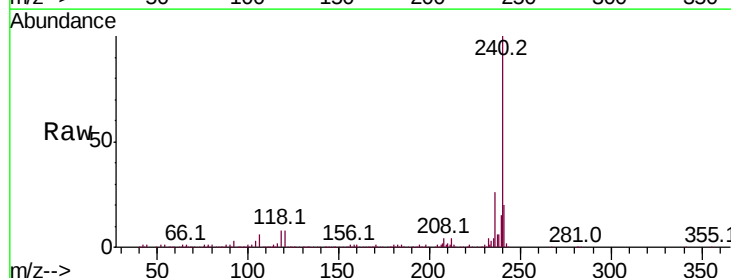
Instrument :
BNA_G
ClientSampleId :
PB112577TB

Tot Ion:188 Resp: 445584
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Tgt Ion:240 Resp: 486690
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 80.189 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

Instrument :

BNA_G

ClientSampleId :

PB112577TB

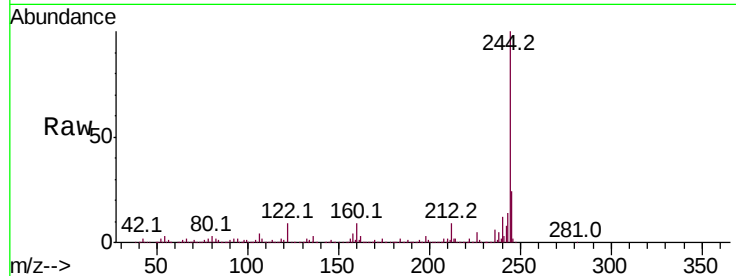
Tot Ion:244 Resp: 1669723

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.5	7.1	10.7

244 100

212 9.2 7.0 10.6

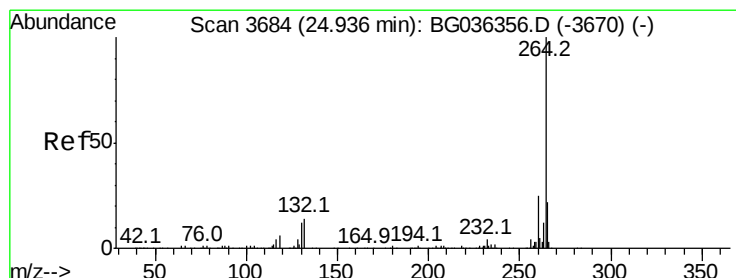
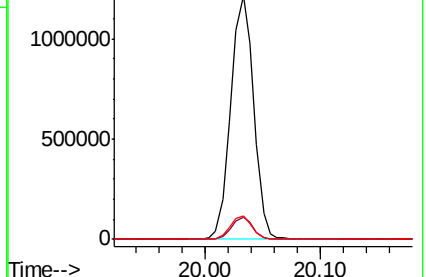
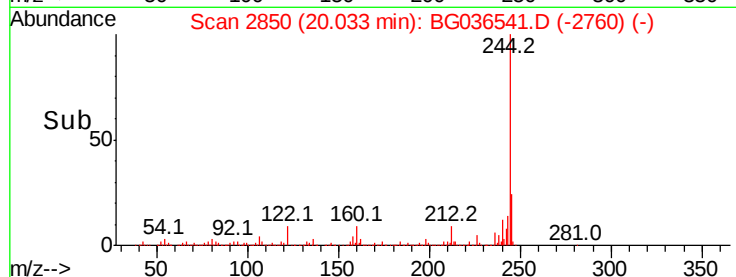
122 9.5 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

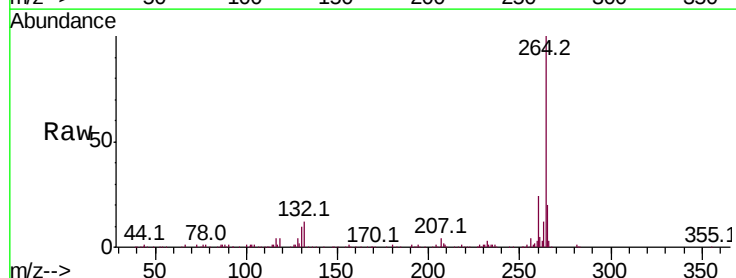
Tgt Ion:264 Resp: 467628

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.4	17.4	26.0

264 100

260 23.8 19.6 29.4

265 20.4 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

