

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036814.D
 Acq On : 19 Sep 2018 10:06
 Operator : JU/SJ
 Sample : J4945-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47195RT

Quant Time: Sep 19 11:58:36 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	8.05	152	53849	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	215783	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	139936	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	343564	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	348002	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348403	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	372542	109.74	ng	0.00
7) Phenol-d6	7.21	99	477019	98.15	ng	-0.01
23) Nitrobenzene-d5	9.21	82	358404	90.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	215307	128.95	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	794853	81.10	ng	-0.02
78) Terphenyl-d14	20.02	244	1279454	85.93	ng	-0.01

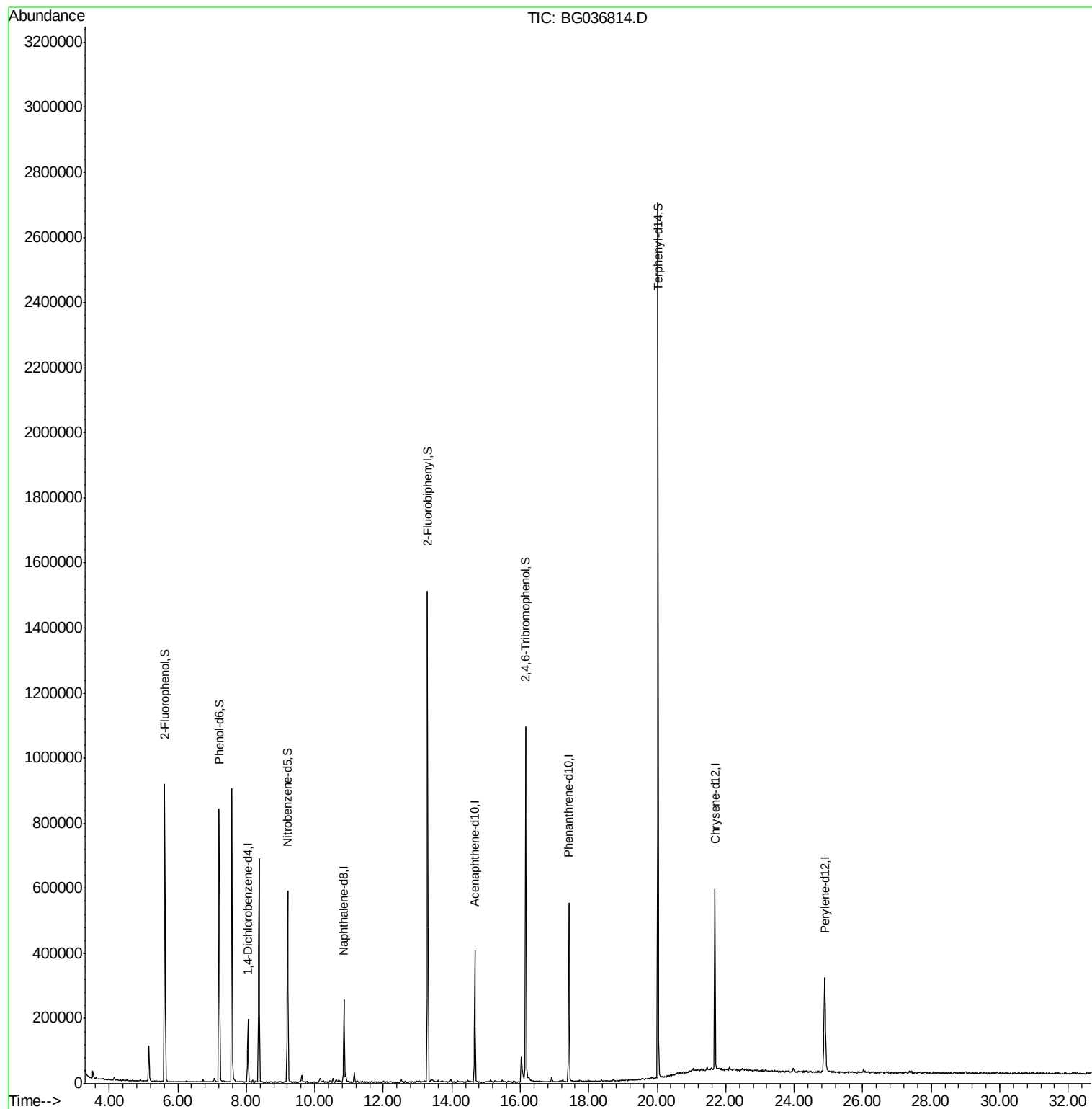
Target Compounds Qvalue

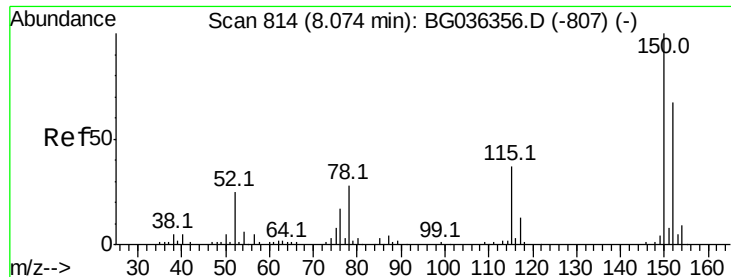
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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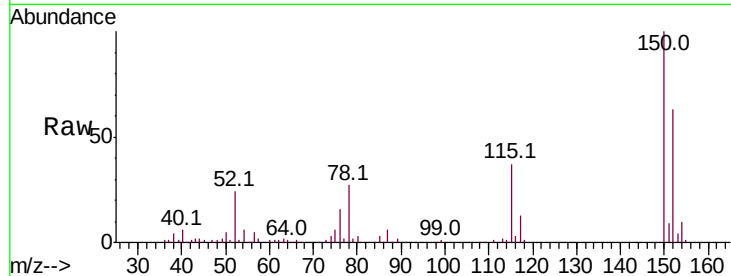


#1

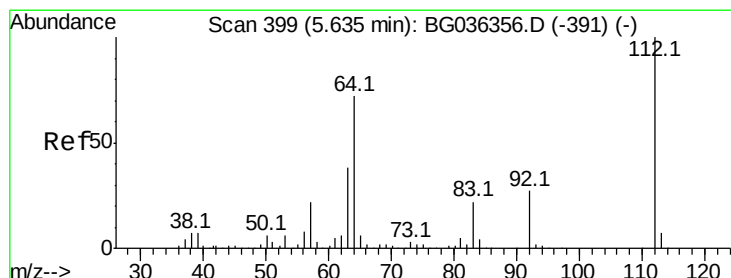
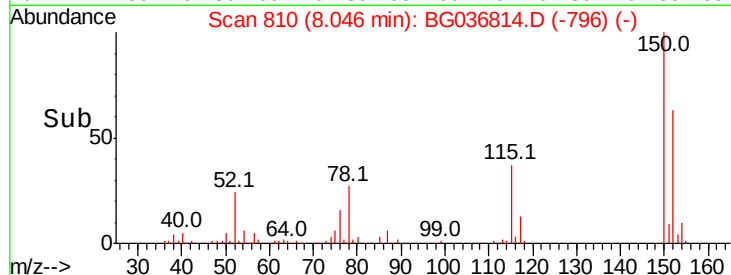
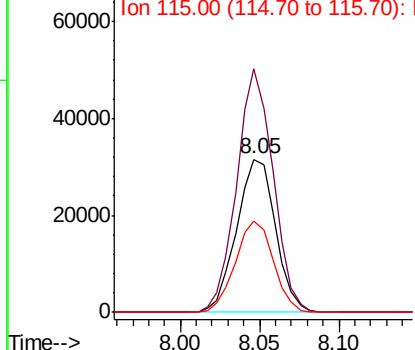
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Instrument :
 BNA_G
 ClientSampleId :
 RB47195RT

Tot Ion:152 Resp: 53849
 Ion Ratio Lower Upper
 152 100
 150 158.7 119.5 179.3
 115 59.4 44.5 66.7



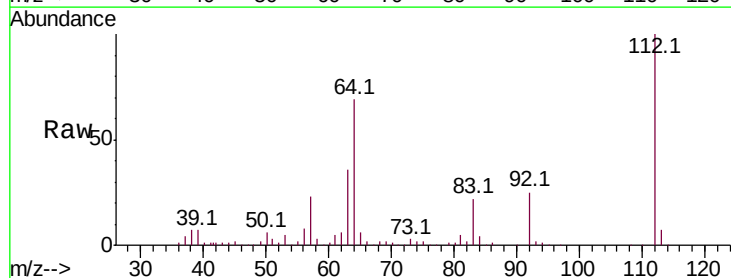
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



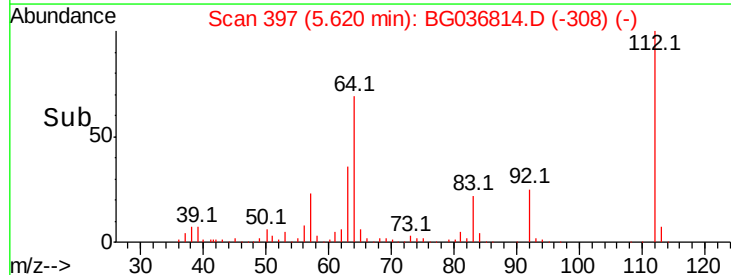
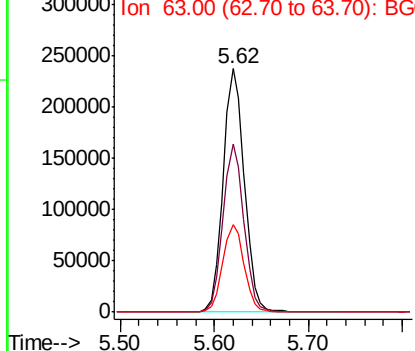
#5

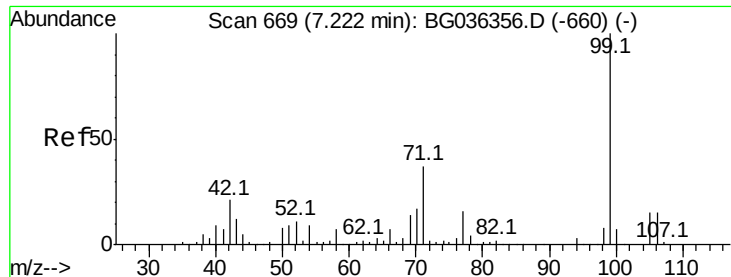
2-Fluorophenol
 Concen: 109.744 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Tgt Ion:112 Resp: 372542
 Ion Ratio Lower Upper
 112 100
 64 69.0 57.2 85.8
 63 36.1 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: 98.146 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036814.D

Acq: 19 Sep 2018 10:06

Instrument :

BNA_G

ClientSampleId :

RB47195RT

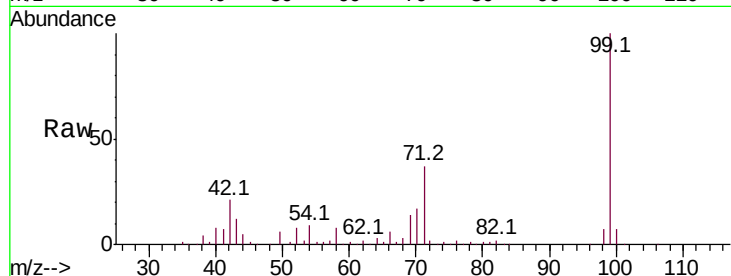
Tot Ion: 99 Resp: 477019

Ion Ratio Lower Upper

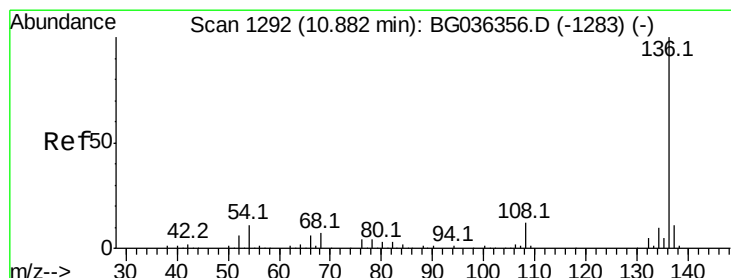
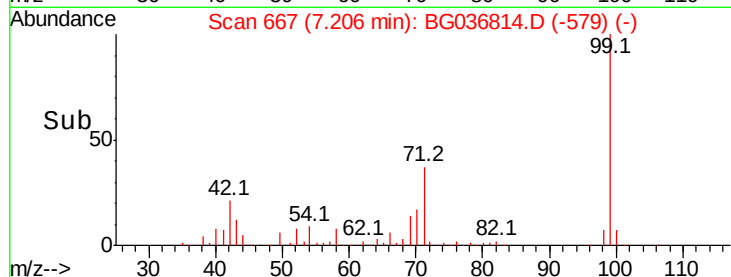
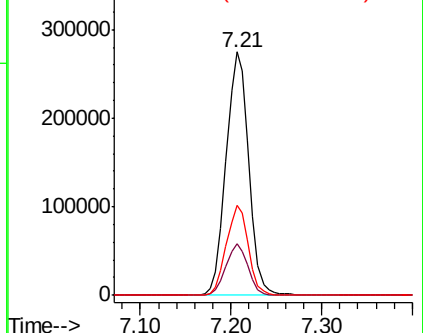
99 100

42 21.2 16.5 24.7

71 37.0 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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036814.D

Acq: 19 Sep 2018 10:06

Tgt Ion: 136 Resp: 215783

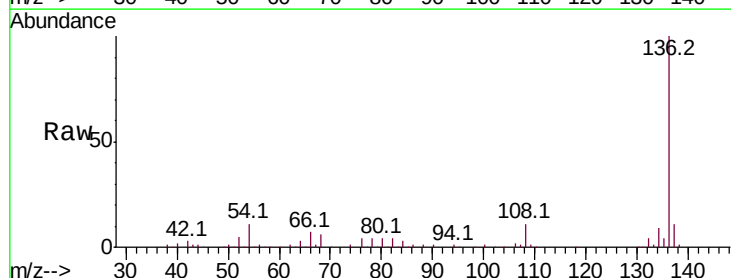
Ion Ratio Lower Upper

136 100

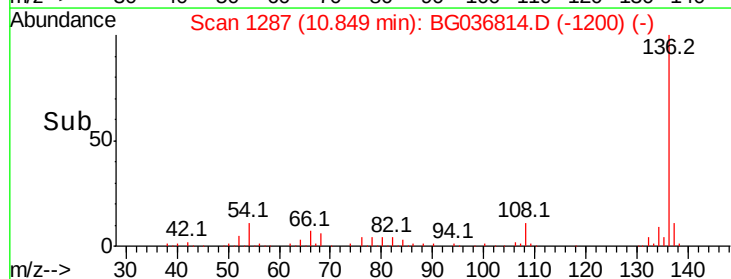
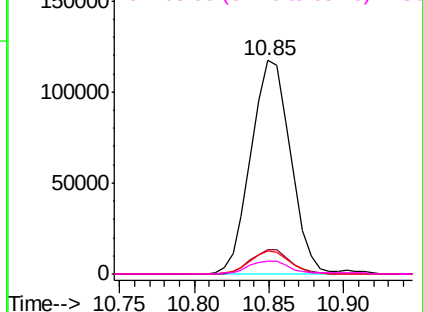
137 11.5 8.8 13.2

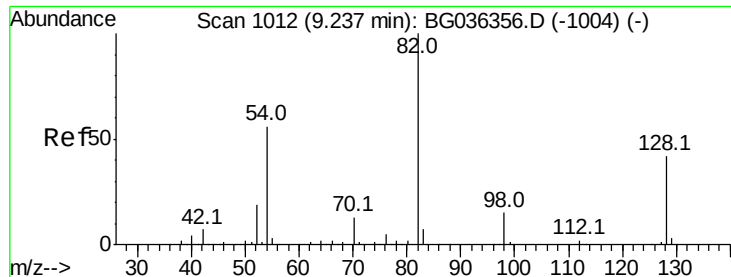
54 11.1 9.2 13.8

68 6.1 5.8 8.6



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

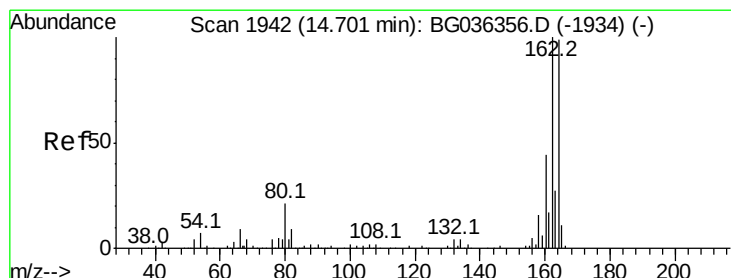
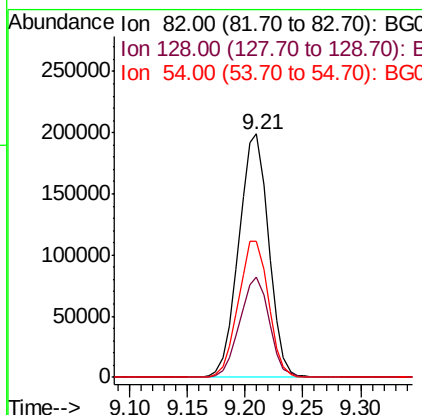
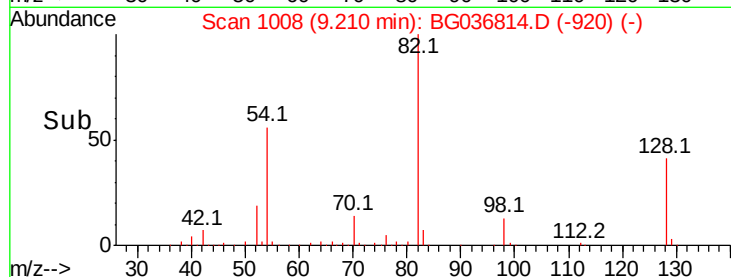
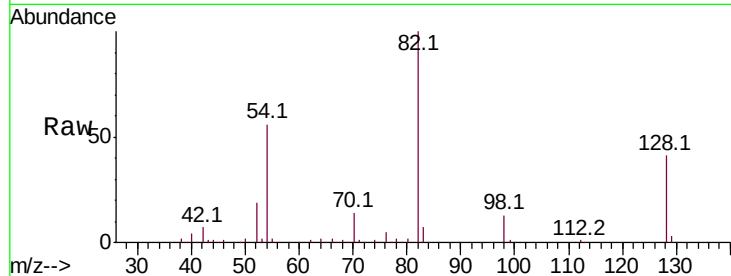




#23
Nitrobenzene-d5
Concen: 90.117 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

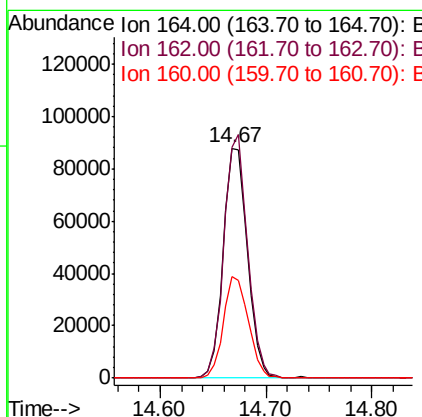
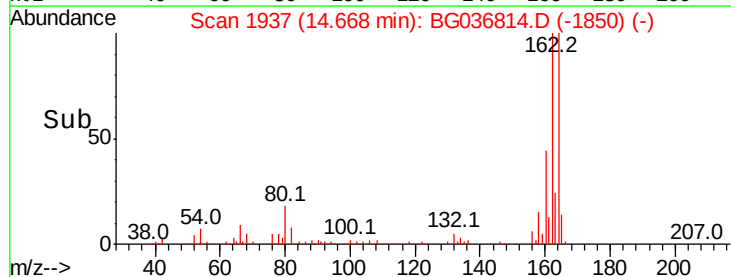
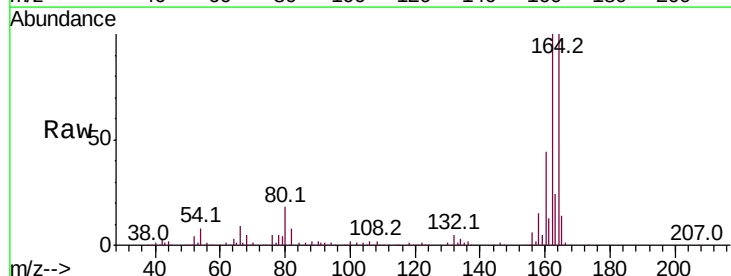
Instrument :
BNA_G
ClientSampleId :
RB47195RT

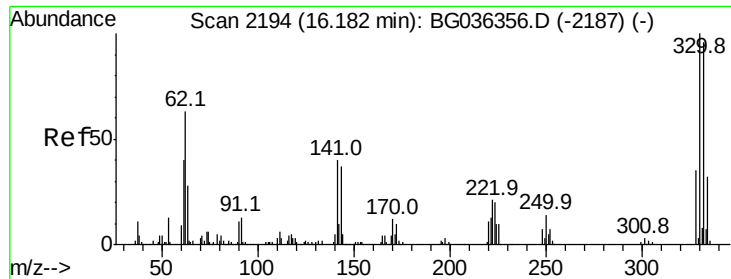
Tot Ion: 82 Resp: 358404
Ion Ratio Lower Upper
82 100
128 41.3 33.3 49.9
54 55.8 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion:164 Resp: 139936
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 44.3 35.3 52.9

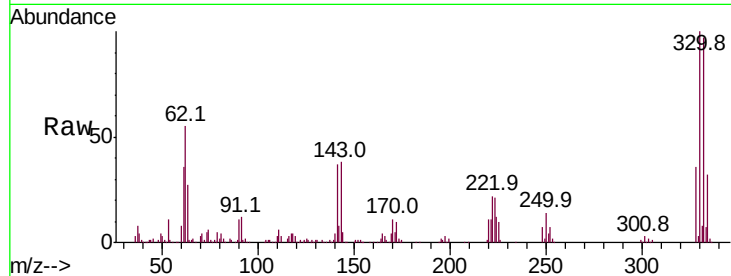




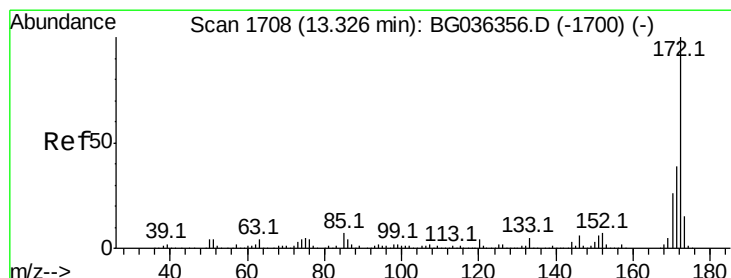
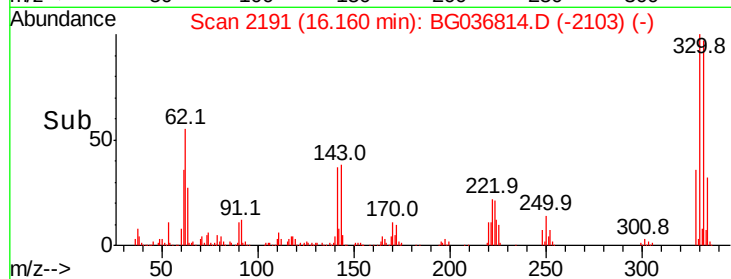
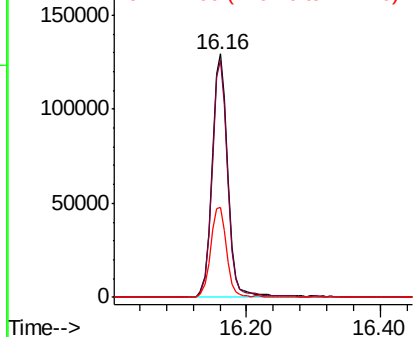
#41
 2,4,6-Tribromophenol
 Concen: 128.946 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Instrument :
 BNA_G
 ClientSampleId :
 RB47195RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.2
141	37.4	30.7	46.1

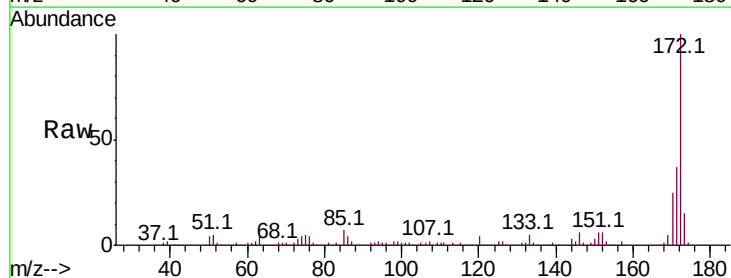


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

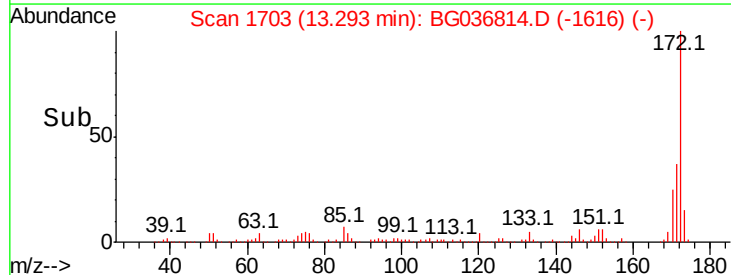
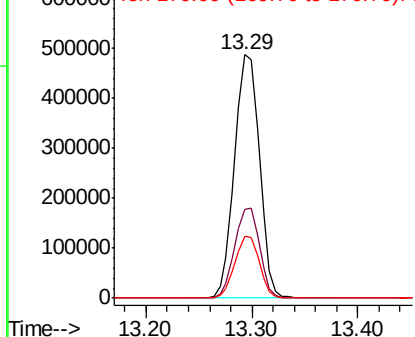


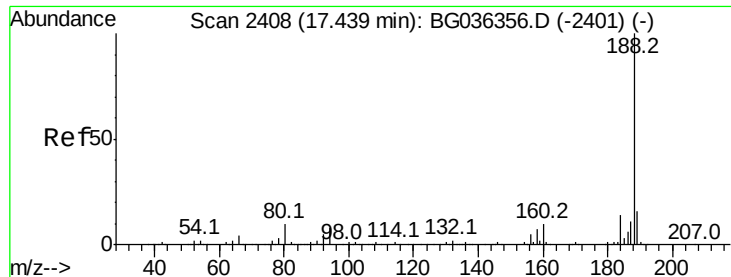
#44
 2-Fluorobiphenyl
 Concen: 81.102 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036814.D
 Acq: 19 Sep 2018 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.3	46.9
170	25.3	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

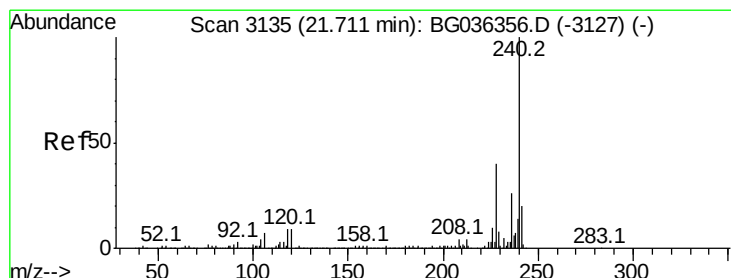
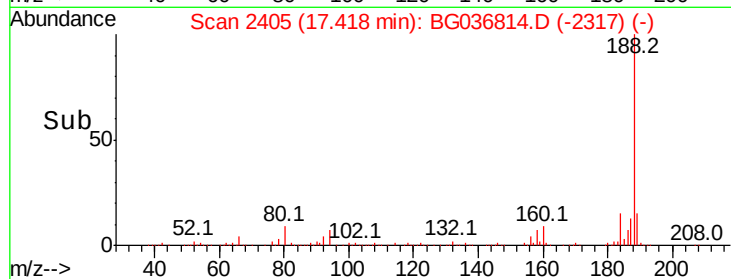
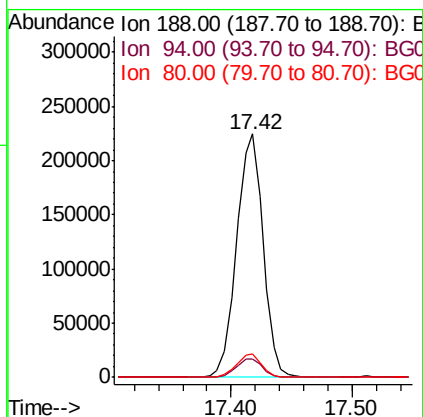
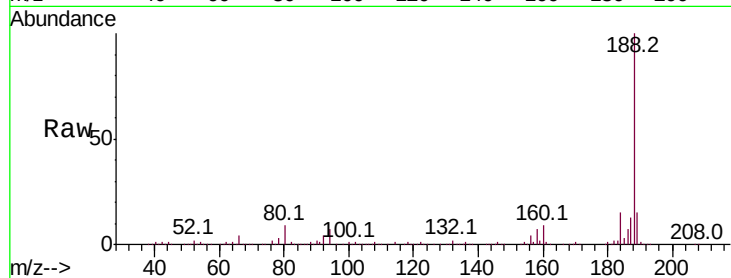




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

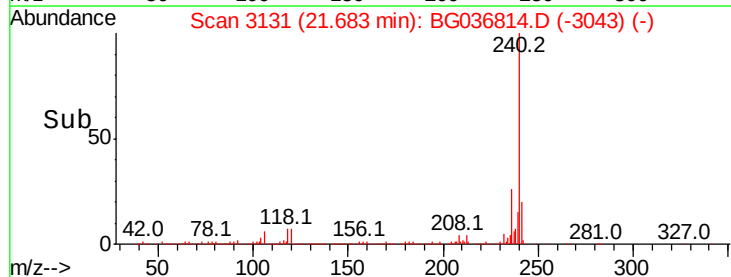
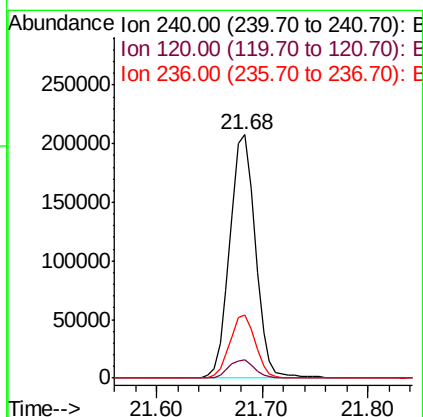
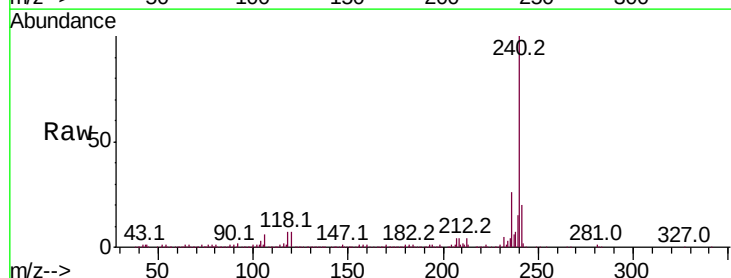
Instrument :
BNA_G
ClientSampleId :
RB47195RT

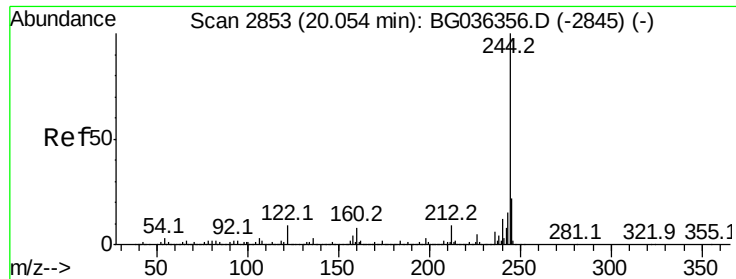
Tot Ion:188 Resp: 343564
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036814.D
Acq: 19 Sep 2018 10:06

Tgt Ion:240 Resp: 348002
Ion Ratio Lower Upper
240 100
120 7.5 6.9 10.3
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 85.934 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036814.D

Acq: 19 Sep 2018 10:06

Instrument :

BNA_G

ClientSampleId :

RB47195RT

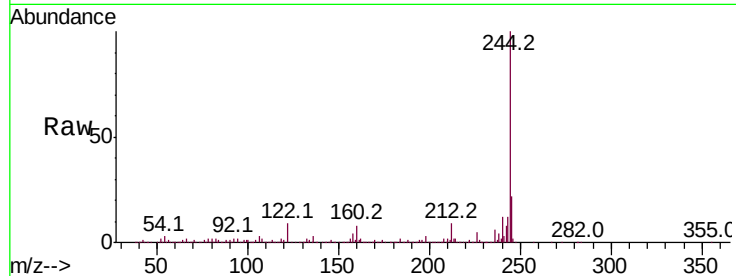
Tot Ion:244 Resp: 1279454

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.8 7.0 10.6

122 8.9 7.1 10.7

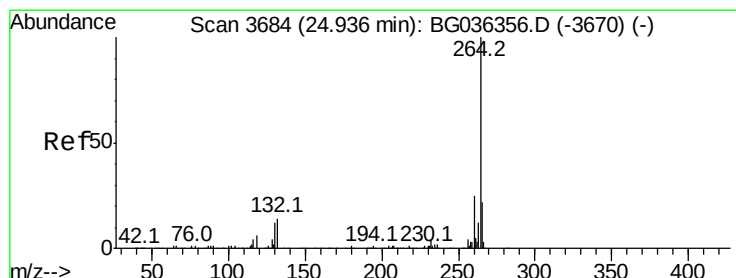
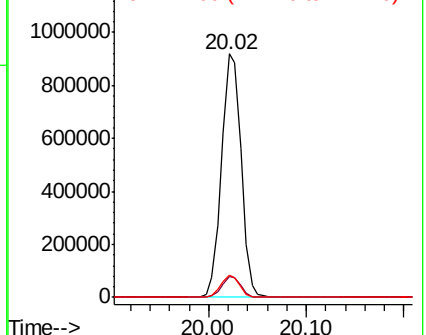
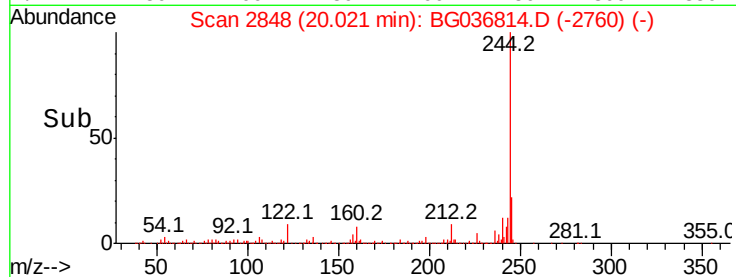


Abundance

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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036814.D

Acq: 19 Sep 2018 10:06

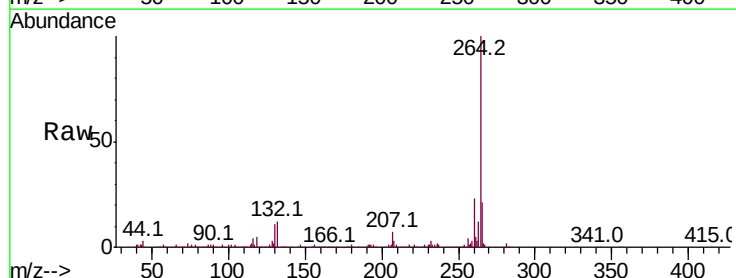
Tgt Ion:264 Resp: 348403

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.1	17.4	26.0

264 100

260 23.3 19.6 29.4

265 21.1 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

