

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036484.D
 Acq On : 30 Aug 2018 18:49
 Operator : JU/SJ
 Sample : J4282-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082918-B

Quant Time: Aug 31 01:30:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62871	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	260417	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	173386	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	438368	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	476811	20.00	ng	-0.01
86) Perylene-d12	24.91	264	480160	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	390996	98.65	ng	0.00
7) Phenol-d6	7.22	99	504826	88.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	360760	75.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	212995	102.95	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	846644	69.72	ng	-0.01
78) Terphenyl-d14	20.03	244	1465790	71.85	ng	-0.02

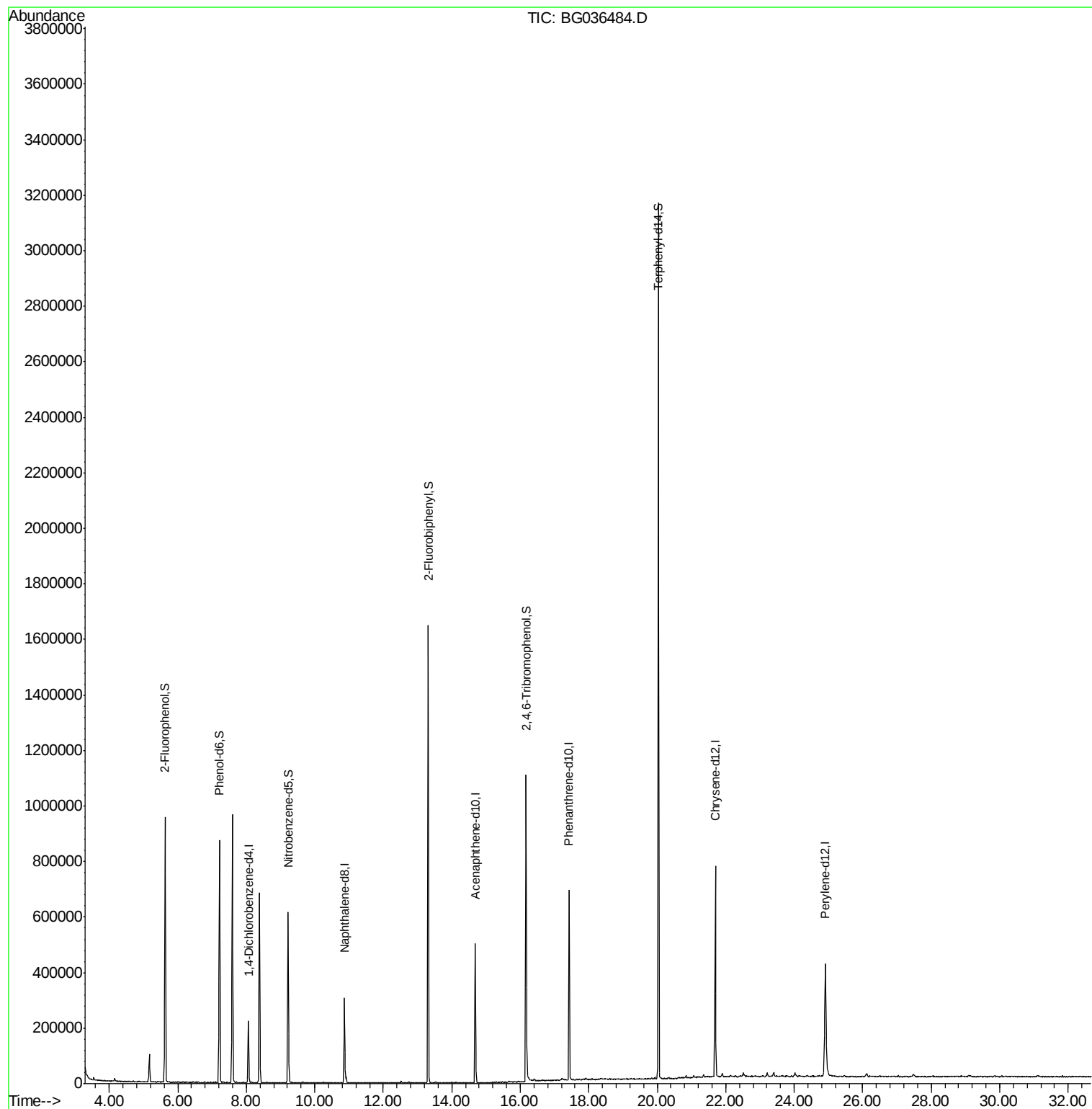
Target Compounds Qvalue

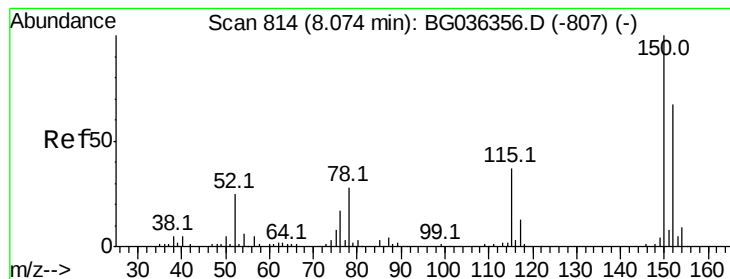
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
Data File : BG036484.D
Acq On : 30 Aug 2018 18:49
Operator : JU/SJ
Sample : J4282-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-B

Quant Time: Aug 31 01:30:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



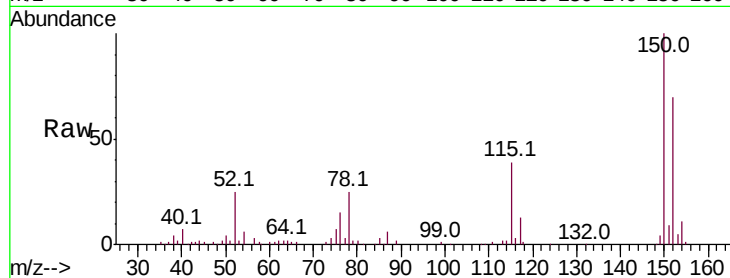


#1

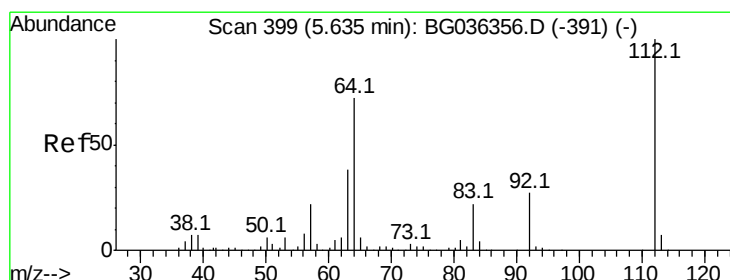
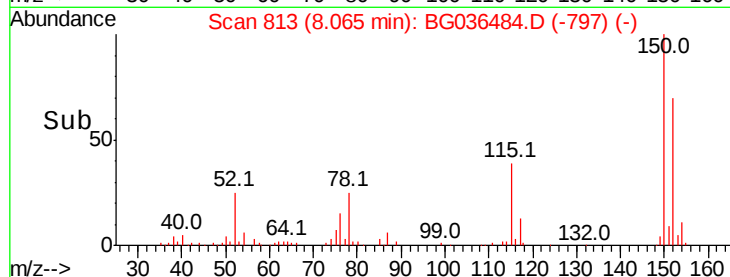
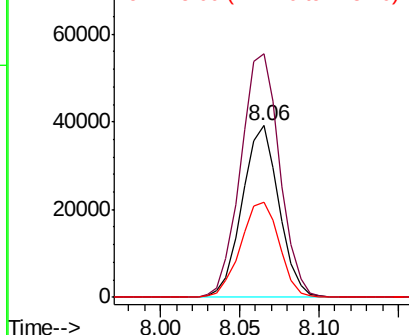
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-B

Tot Ion:152 Resp: 62871
Ion Ratio Lower Upper
152 100
150 142.1 119.5 179.3
115 55.8 44.5 66.7



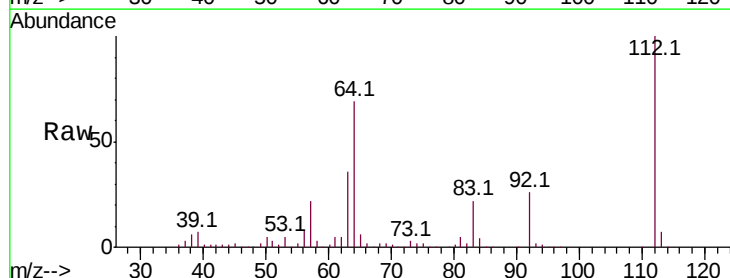
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



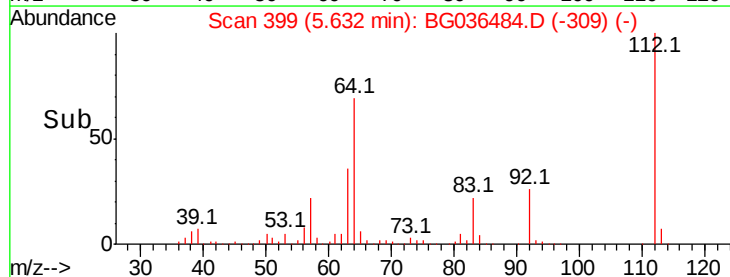
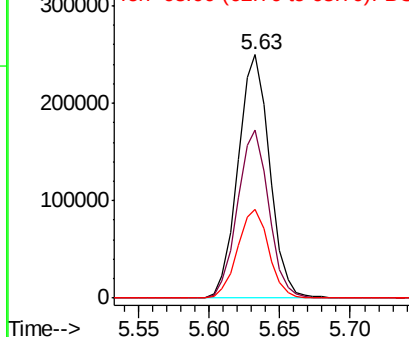
#5

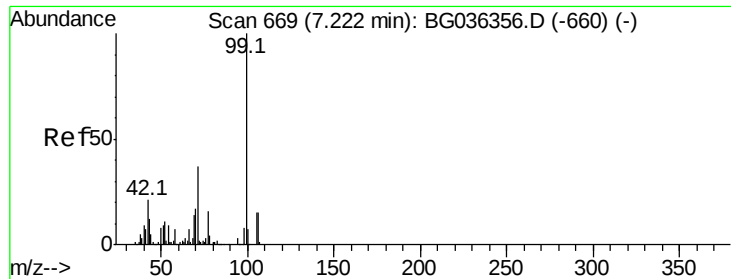
2-Fluorophenol
Concen: 98.652 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Tgt Ion:112 Resp: 390996
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 36.3 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: 88.963 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-01-082918-B

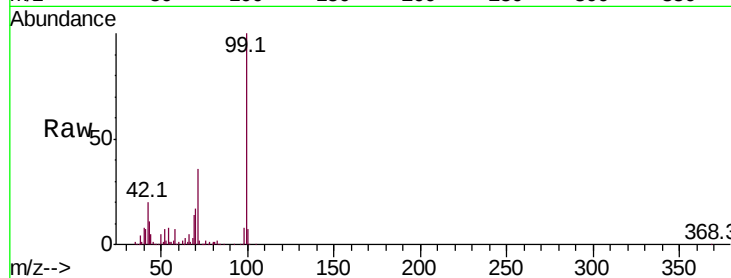
Tot Ion: 99 Resp: 504826

Ion Ratio Lower Upper

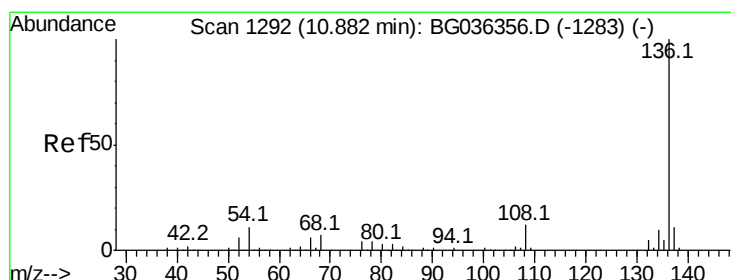
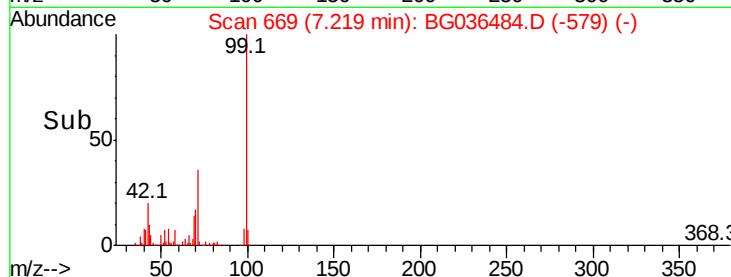
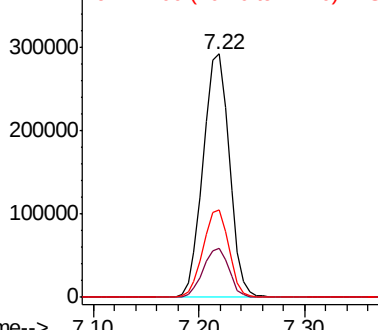
99 100

42 20.0 16.5 24.7

71 35.7 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. -0.01 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

Tgt Ion: 136 Resp: 260417

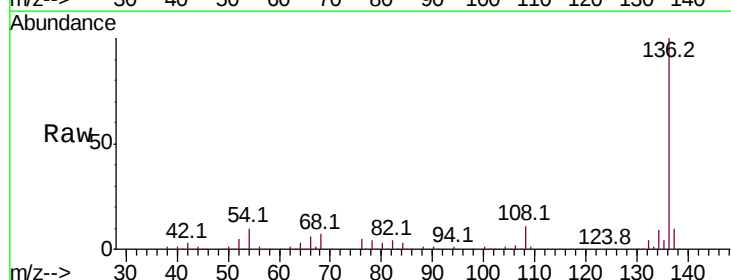
Ion Ratio Lower Upper

136 100

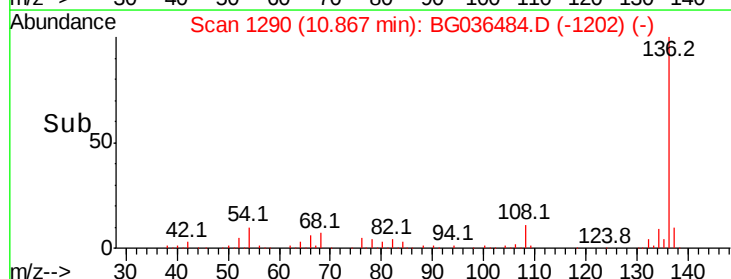
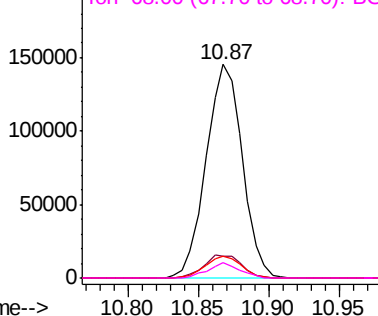
137 10.4 8.8 13.2

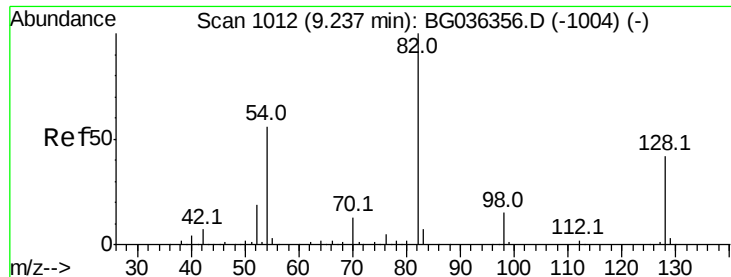
54 10.4 9.2 13.8

68 7.2 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

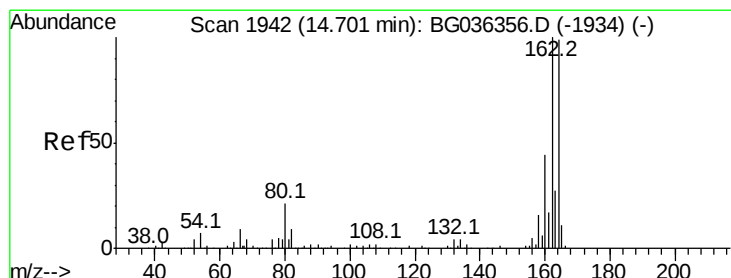
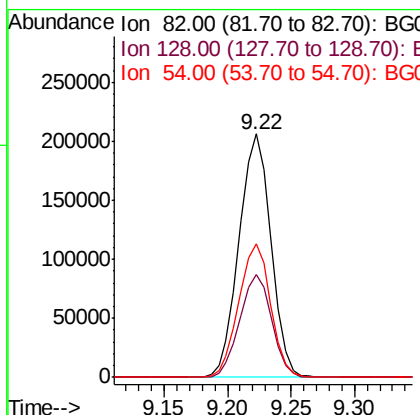
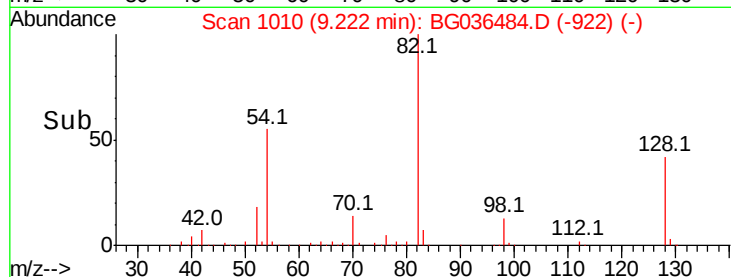
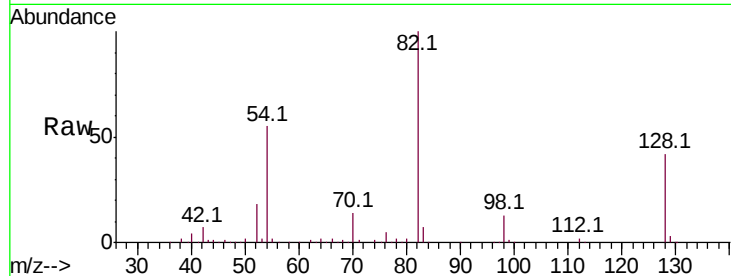




#23
Nitrobenzene-d5
Concen: 75.163 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

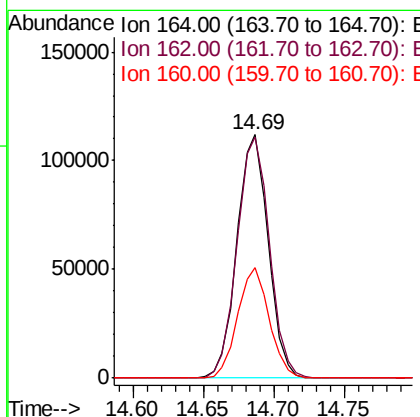
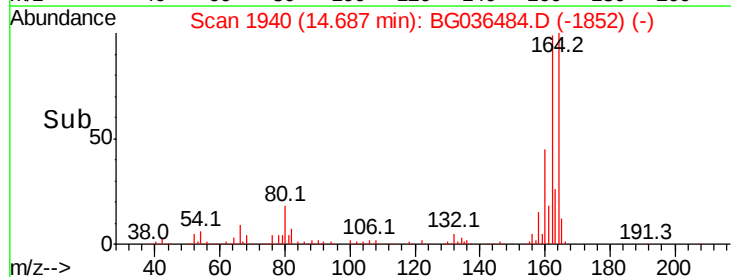
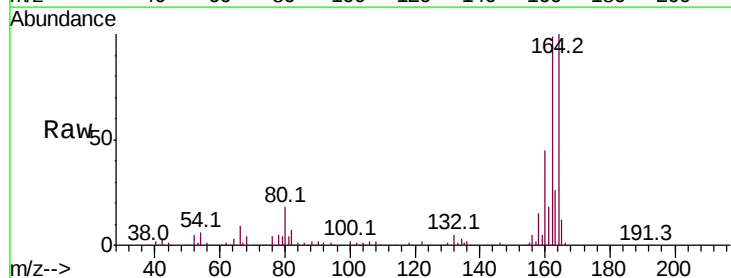
Instrument :
BNA_G
ClientSampleId :
SU-01-082918-B

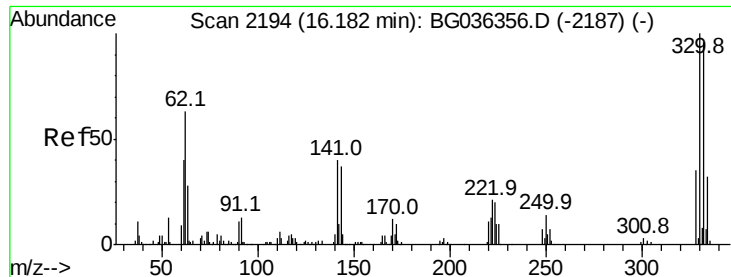
Tot Ion: 82 Resp: 360760
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 54.8 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Tgt Ion:164 Resp: 173386
Ion Ratio Lower Upper
164 100
162 99.2 80.7 121.1
160 45.4 35.3 52.9

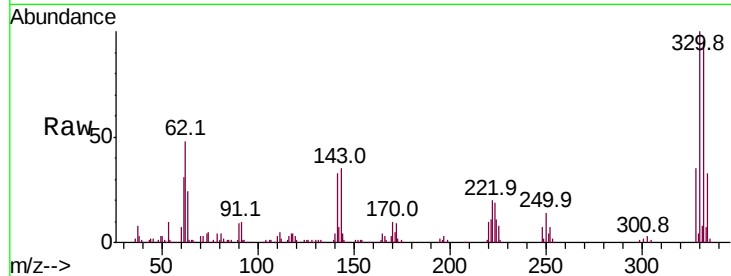




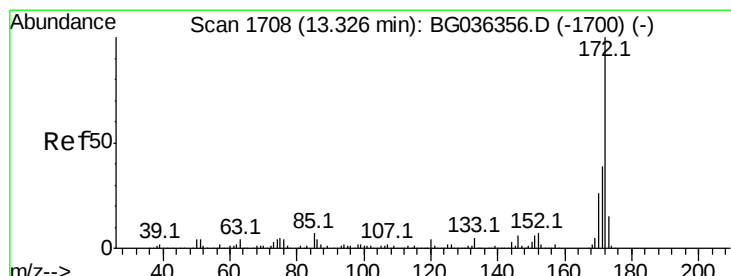
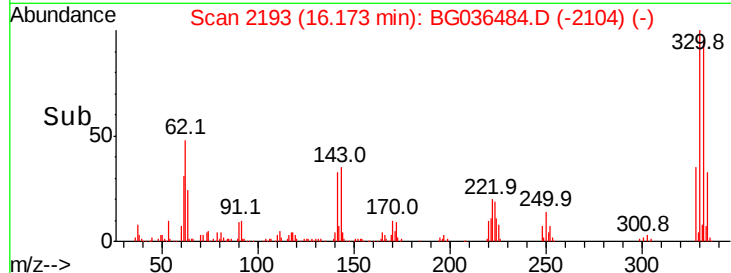
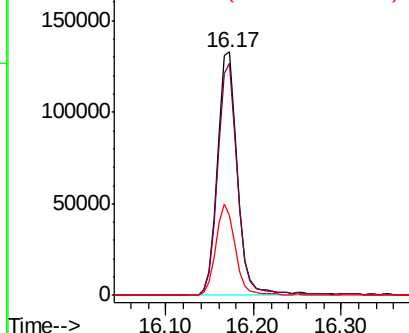
#41
 2,4,6-Tribromophenol
 Concen: 102.952 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036484.D
 Acq: 30 Aug 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082918-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.2
141	36.2	30.7	46.1

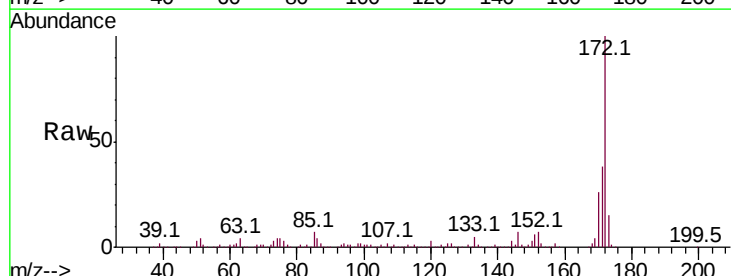


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

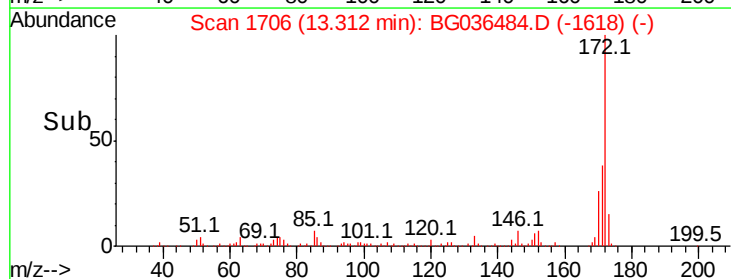
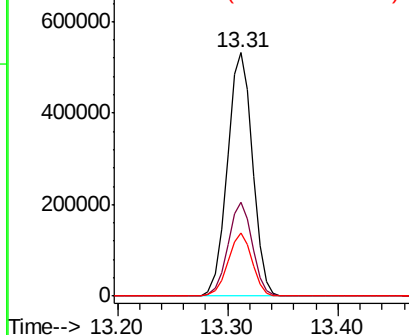


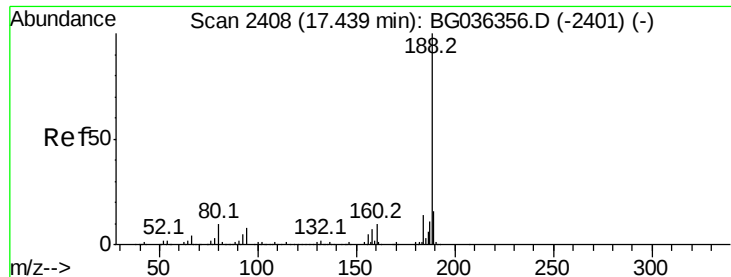
#44
 2-Fluorobiphenyl
 Concen: 69.720 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036484.D
 Acq: 30 Aug 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.8	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

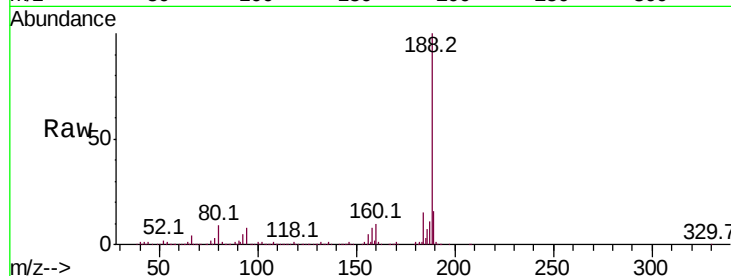




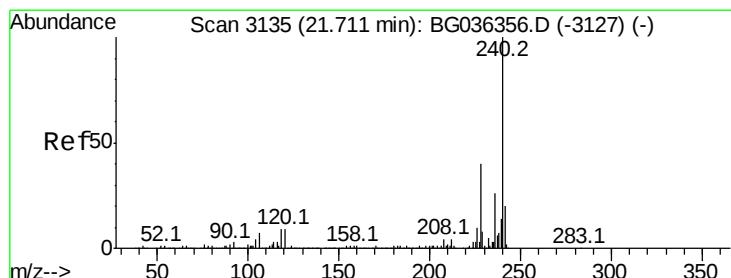
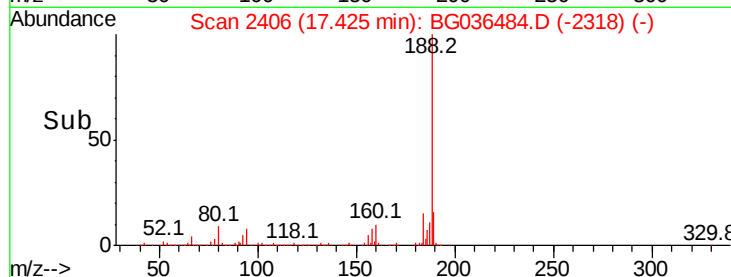
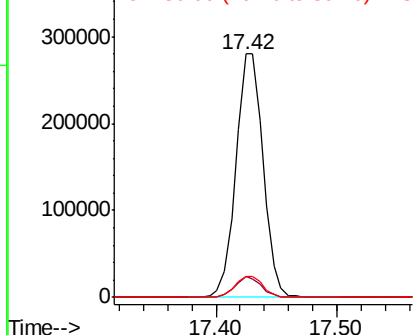
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	8.8	8.1	12.1

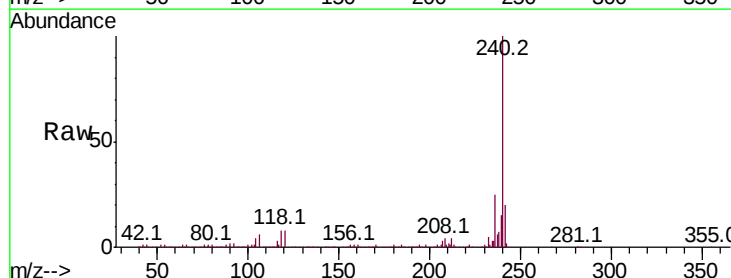


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

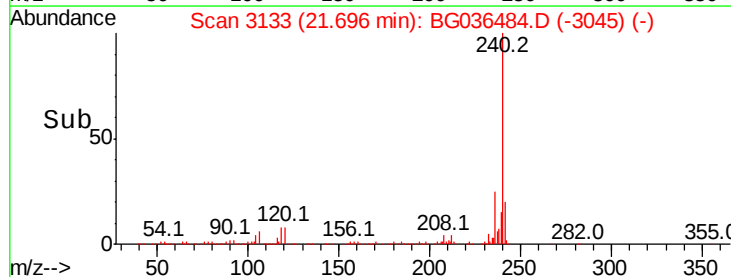
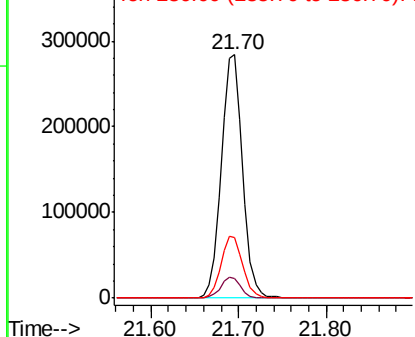


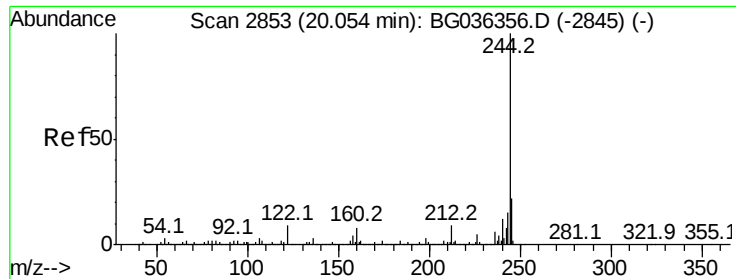
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036484.D
Acq: 30 Aug 2018 18:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	24.9	21.2	31.8



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





#78

Terphenyl-d14

Concen: 71.853 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

Instrument :

BNA_G

ClientSampleId :

SU-01-082918-B

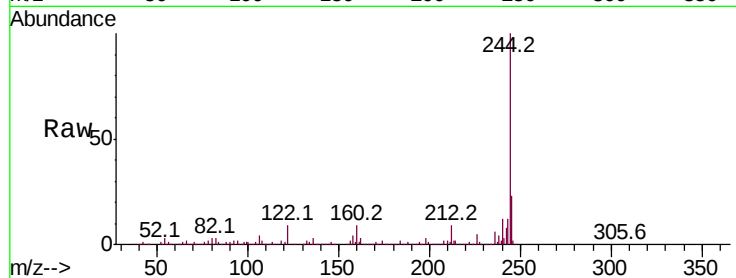
Tot Ion:244 Resp: 1465790

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	9.5	7.1	10.7

244 100

212 9.3 7.0 10.6

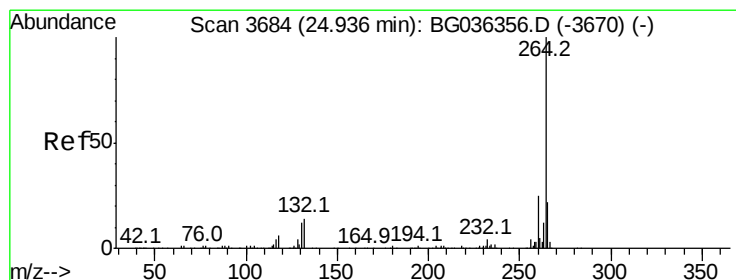
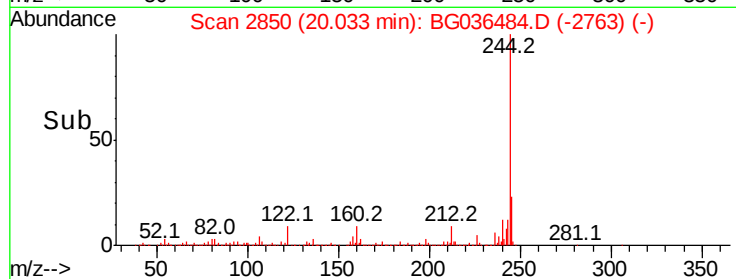
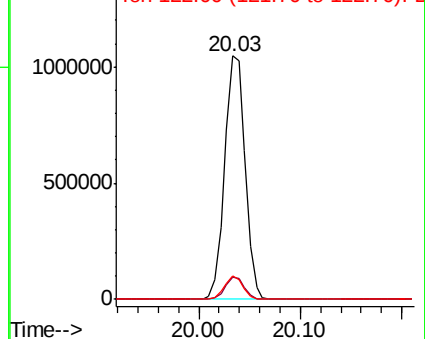
122 9.5 7.1 10.7



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: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036484.D

Acq: 30 Aug 2018 18:49

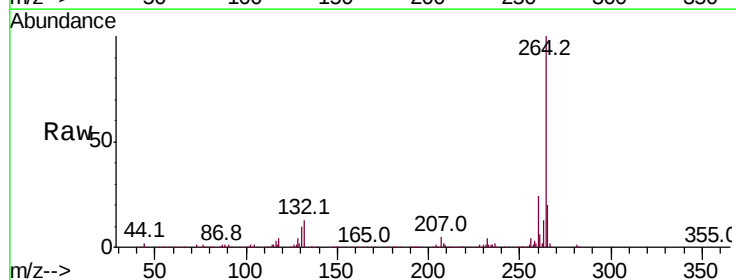
Tgt Ion:264 Resp: 480160

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.5	17.4	26.0

264 100

260 24.0 19.6 29.4

265 20.5 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

