

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036392.D
 Acq On : 24 Aug 2018 00:45
 Operator : JU/SJ
 Sample : J4283-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-082118

Quant Time: Aug 24 04:04:51 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	8.07	152	53938	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	223784	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	141871	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	378981	20.00	ng	0.00
75) Chrysene-d12	21.70	240	437405	20.00	ng	0.00
86) Perylene-d12	24.92	264	436555	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	435197	127.99	ng	0.00
7) Phenol-d6	7.22	99	548490	112.67	ng	0.00
23) Nitrobenzene-d5	9.23	82	404807	98.15	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	277987	164.21	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	929432	93.54	ng	0.00
78) Terphenyl-d14	20.04	244	1728092	92.34	ng	0.00

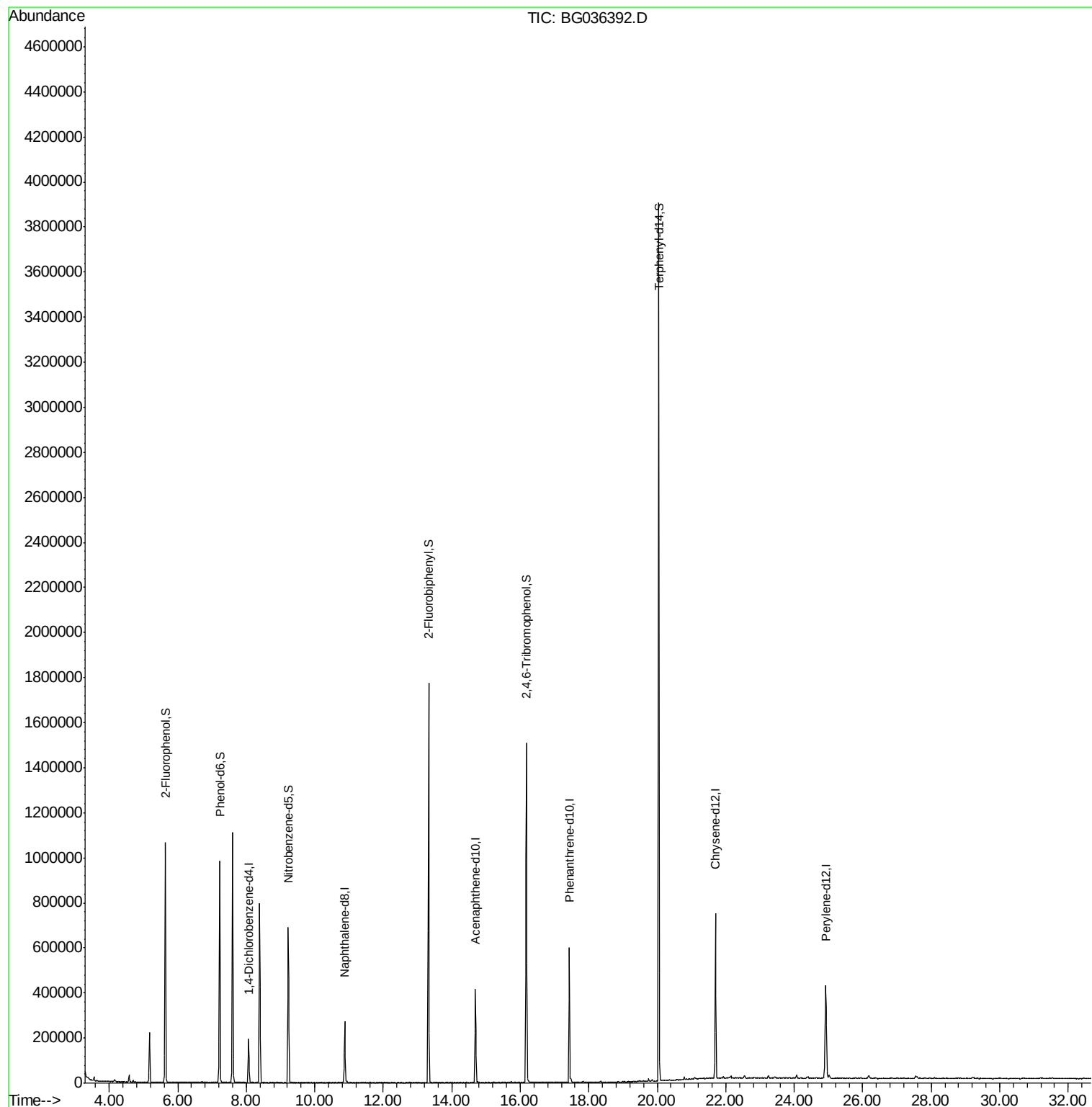
Target Compounds Qvalue

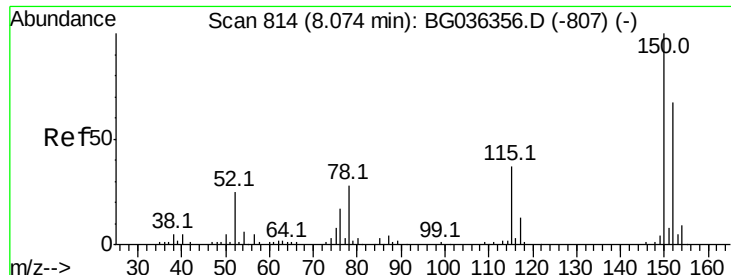
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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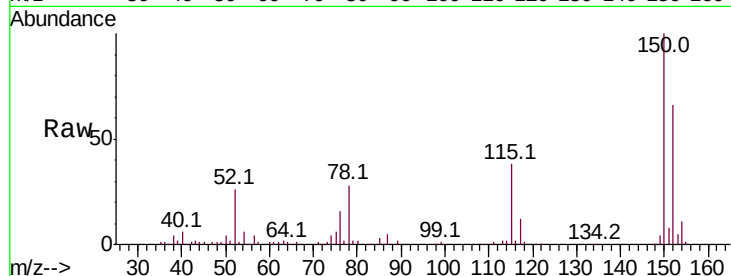


#1

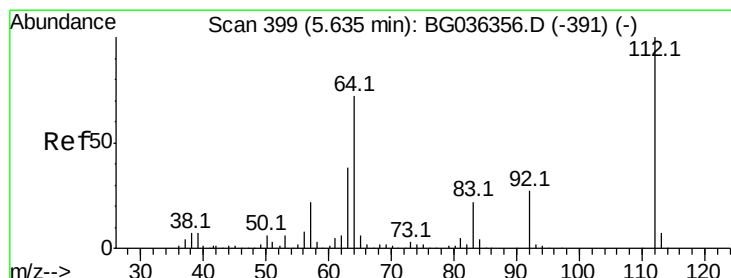
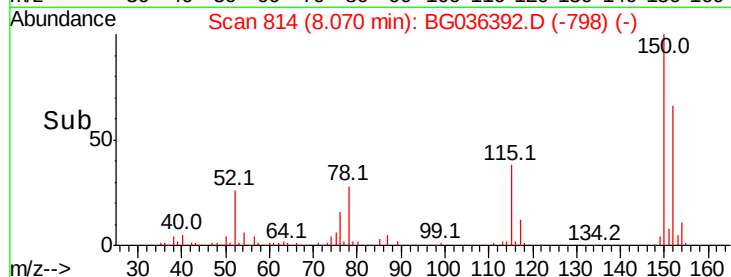
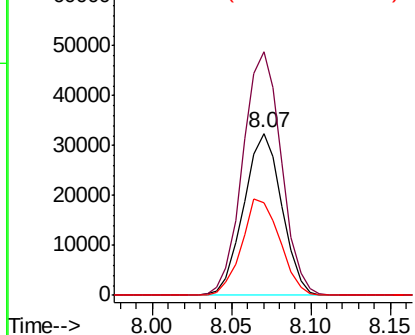
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036392.D
Acq: 24 Aug 2018 00:45

Instrument :
BNA_G
ClientSampleId :
TR-04-082118

Tot Ion:152 Resp: 53938
Ion Ratio Lower Upper
152 100
150 150.6 119.5 179.3
115 57.0 44.5 66.7



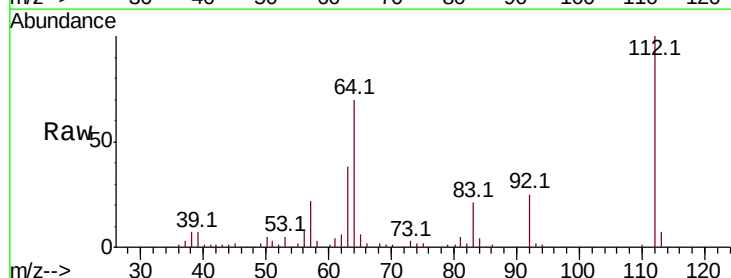
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



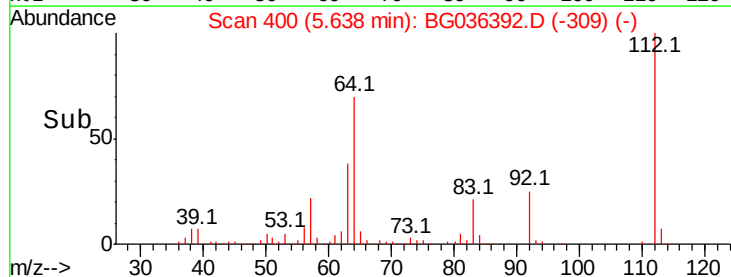
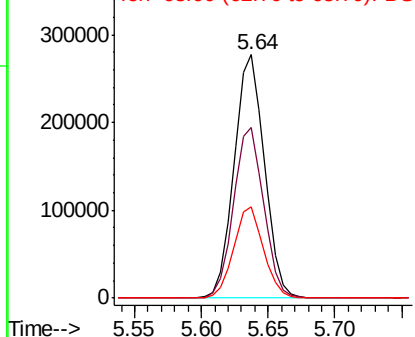
#5

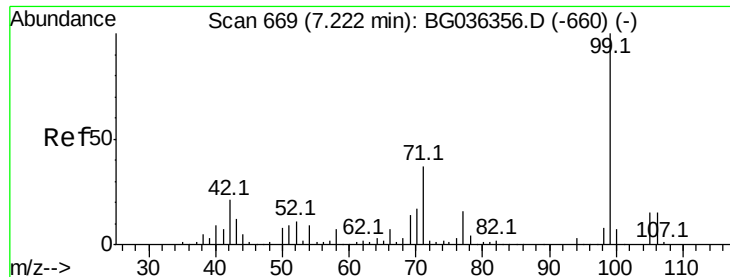
2-Fluorophenol
Concen: 127.990 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG036392.D
Acq: 24 Aug 2018 00:45

Tgt Ion:112 Resp: 435197
Ion Ratio Lower Upper
112 100
64 70.2 57.2 85.8
63 37.5 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: 112.665 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036392.D

Acq: 24 Aug 2018 00:45

Instrument :

BNA_G

ClientSampleId :

TR-04-082118

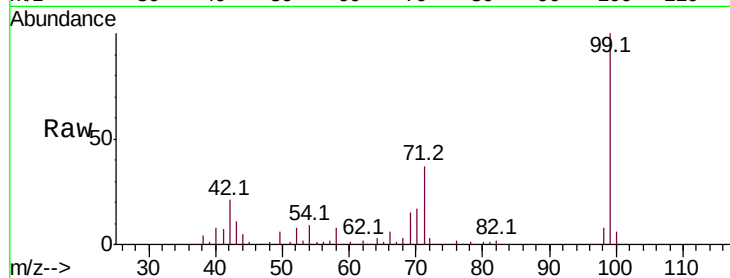
Tot Ion: 99 Resp: 548490

Ion Ratio Lower Upper

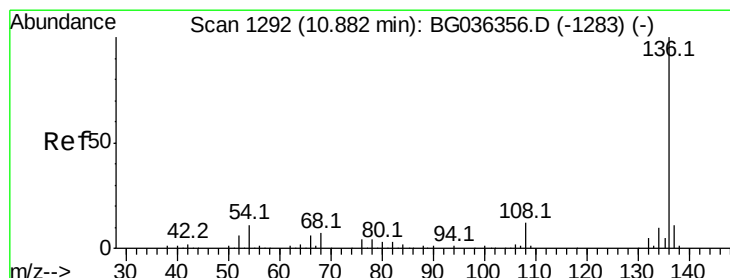
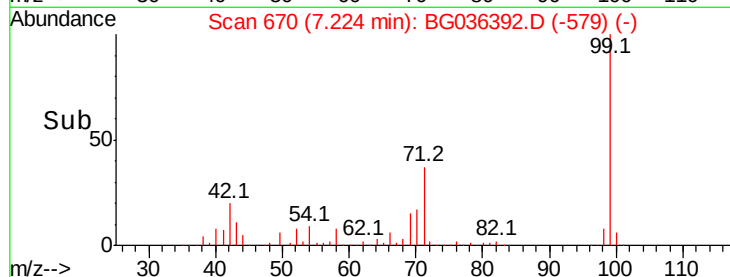
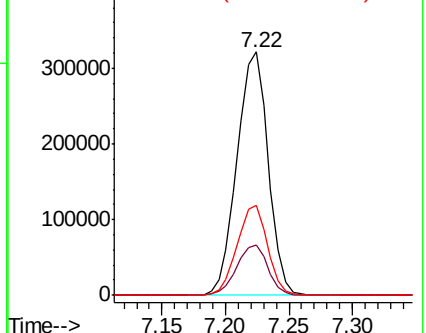
99 100

42 20.5 16.5 24.7

71 37.1 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# 1291

Delta R.T. -0.01 min

Lab File: BG036392.D

Acq: 24 Aug 2018 00:45

Tgt Ion: 136 Resp: 223784

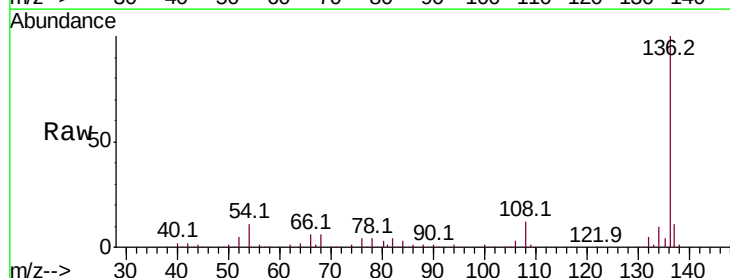
Ion Ratio Lower Upper

136 100

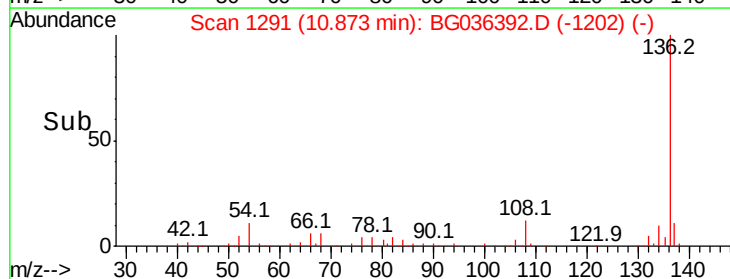
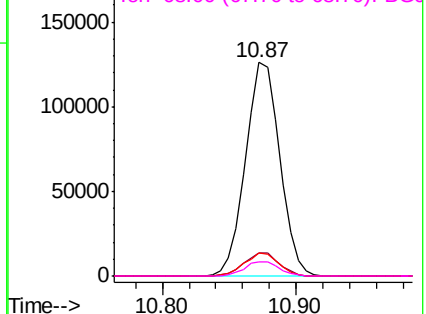
137 11.0 8.8 13.2

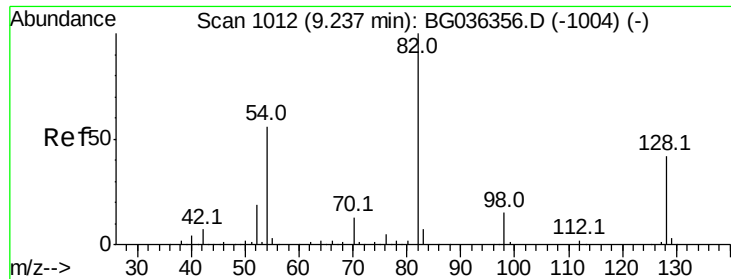
54 11.0 9.2 13.8

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

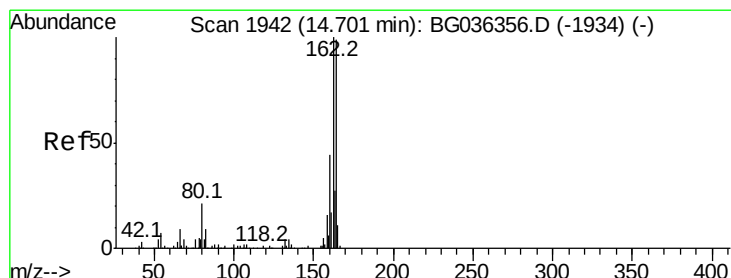
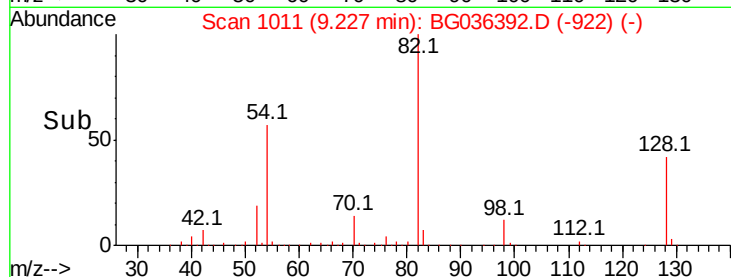
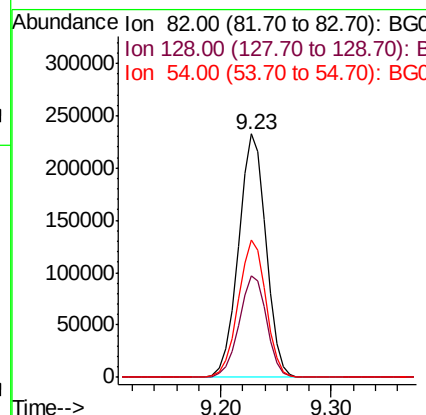
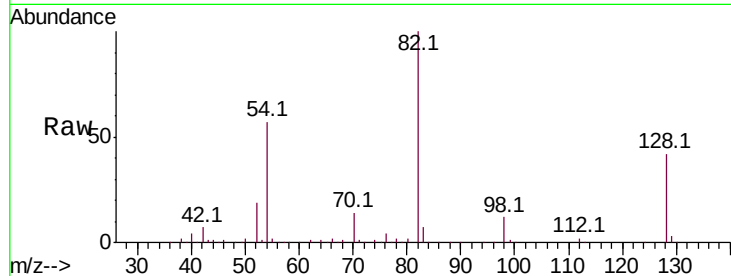




#23
 Nitrobenzene-d5
 Concen: 98.146 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036392.D
 Acq: 24 Aug 2018 00:45

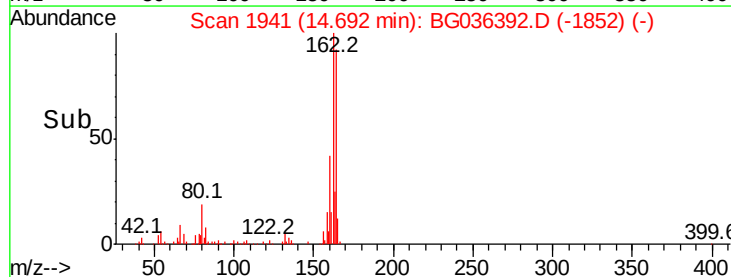
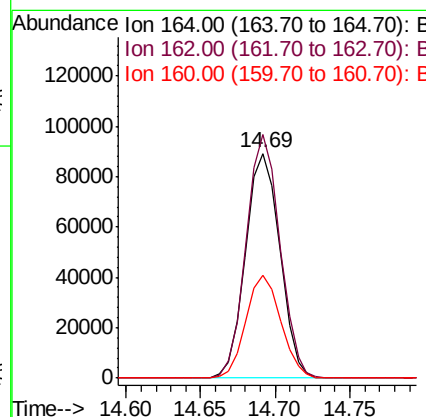
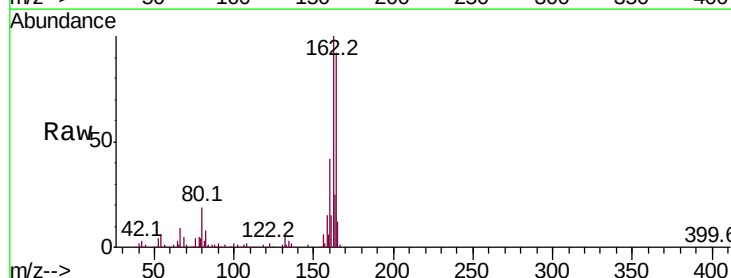
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-082118

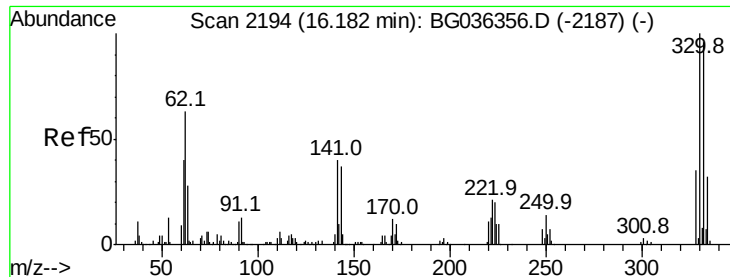
Tot Ion	82	Resp	404807
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.3	49.9
54	56.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036392.D
 Acq: 24 Aug 2018 00:45

Tgt Ion	164	Resp	141871
Ion	Ratio	Lower	Upper
164	100		
162	108.2	80.7	121.1
160	45.8	35.3	52.9

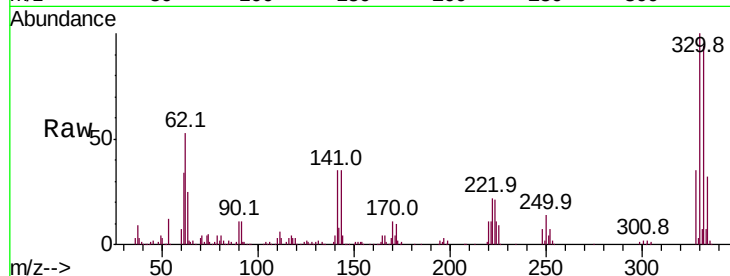




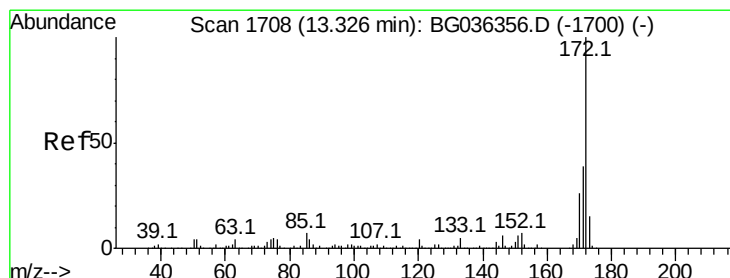
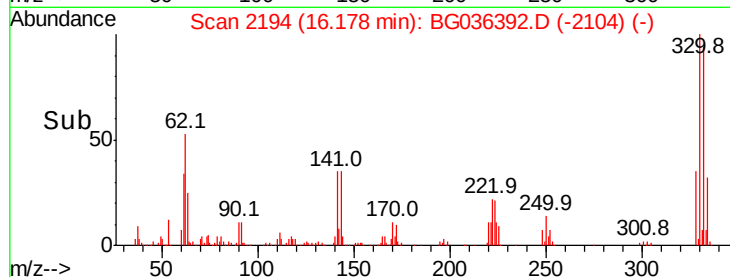
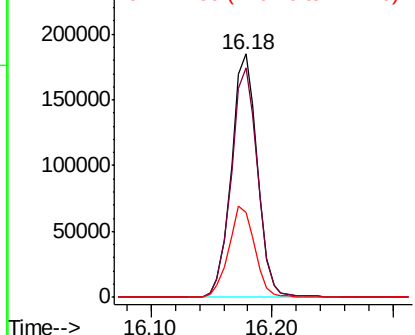
#41
 2,4,6-Tribromophenol
 Concen: 164.214 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036392.D
 Acq: 24 Aug 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-082118

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	37.6	30.7	46.1

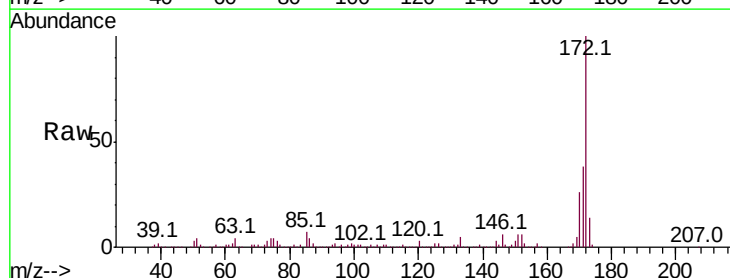


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

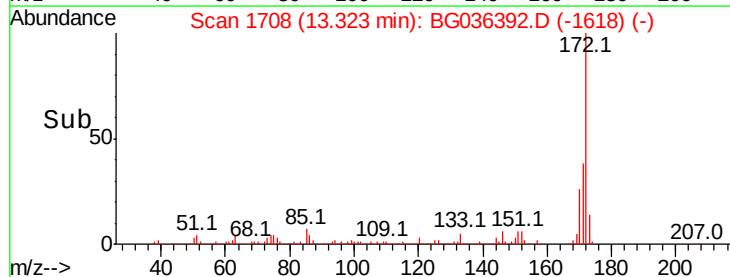
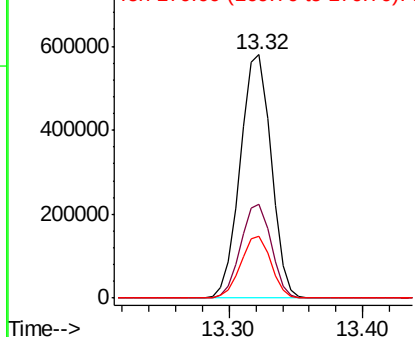


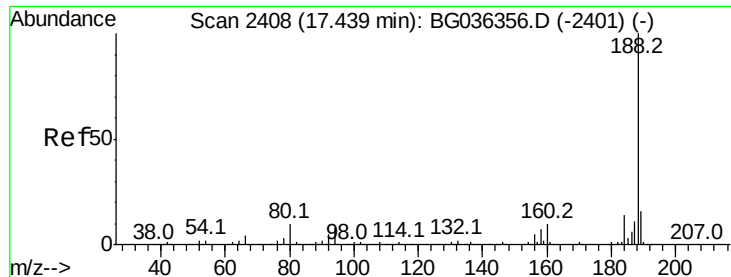
#44
 2-Fluorobiphenyl
 Concen: 93.540 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036392.D
 Acq: 24 Aug 2018 00:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.6	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

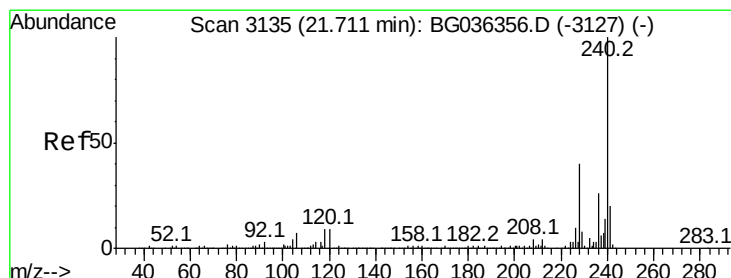
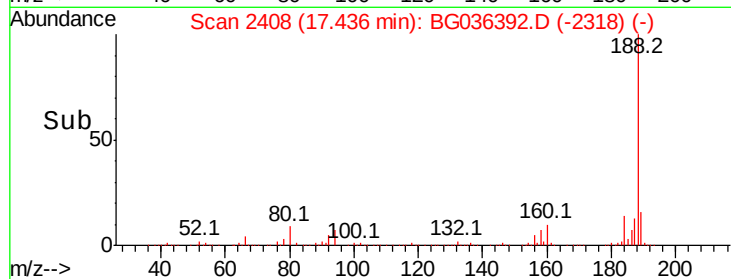
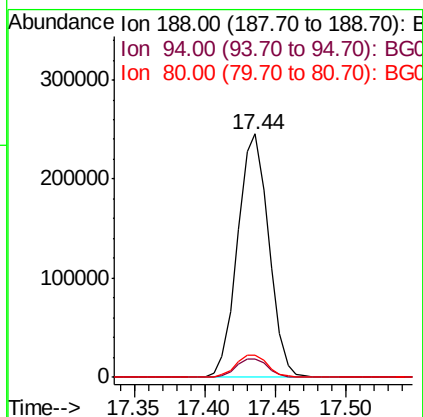
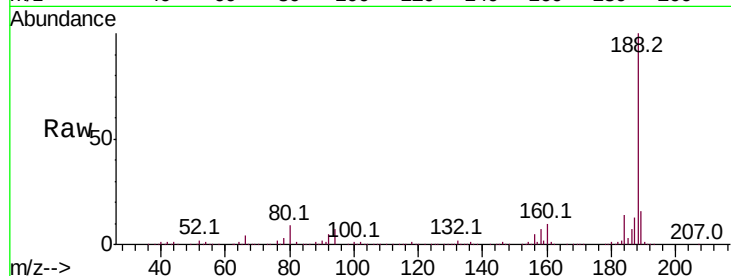




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036392.D
Acq: 24 Aug 2018 00:45

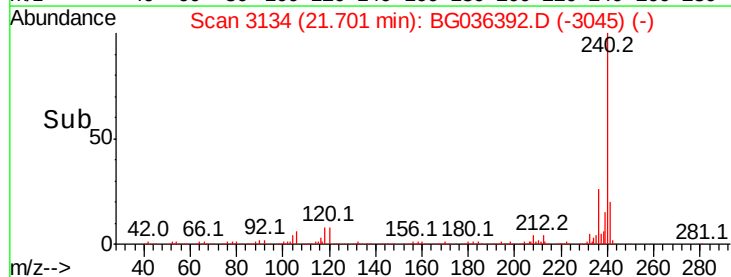
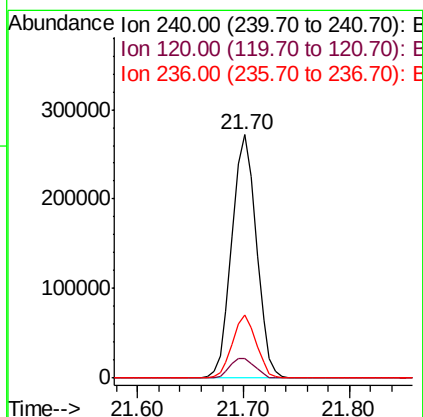
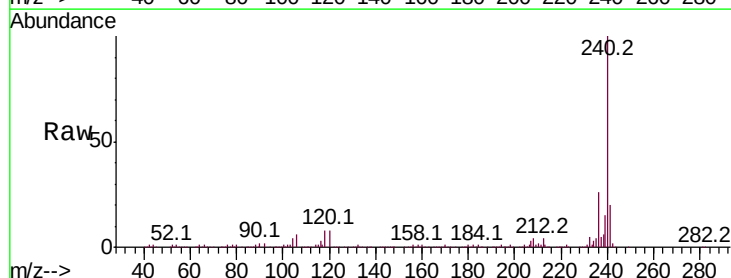
Instrument :
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ClientSampleId :
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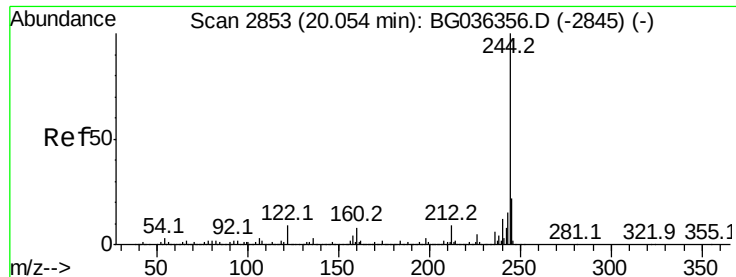
Tot Ion:188 Resp: 378981
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036392.D
Acq: 24 Aug 2018 00:45

Tgt Ion:240 Resp: 437405
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 92.343 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036392.D

Acq: 24 Aug 2018 00:45

Instrument :

BNA_G

ClientSampleId :

TR-04-082118

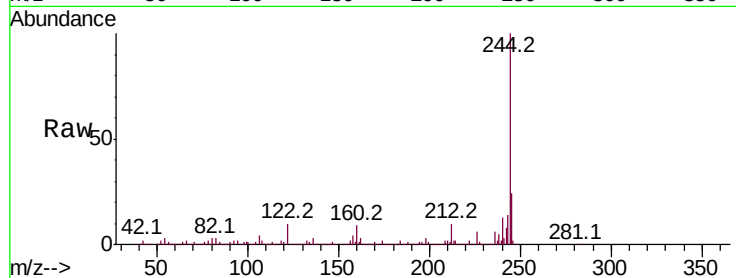
Tot Ion:244 Resp: 1728092

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

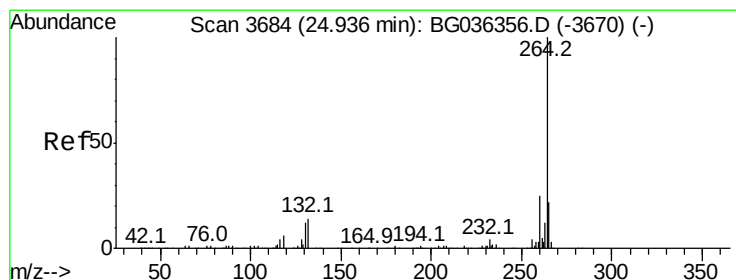
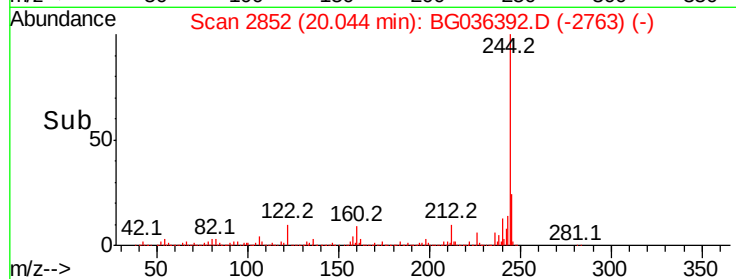
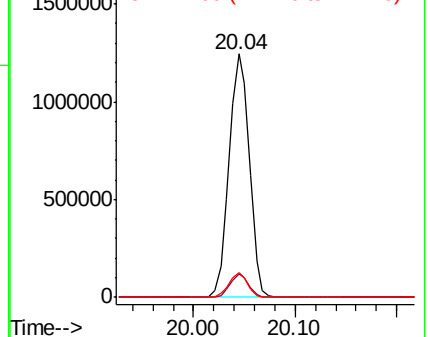
122 10.3 7.1 10.7



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: 24.92 min Scan# 3682

Delta R.T. -0.02 min

Lab File: BG036392.D

Acq: 24 Aug 2018 00:45

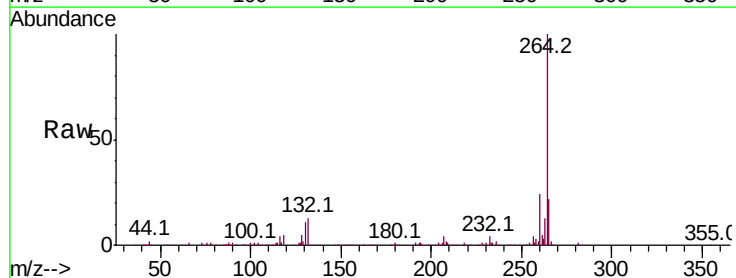
Tgt Ion:264 Resp: 436555

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.8 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

