

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036466.D
 Acq On : 28 Aug 2018 20:17
 Operator : JU/SJ
 Sample : J4276-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-082718

Quant Time: Aug 29 01:52:00 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	62431	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255877	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	167049	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	430165	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	468530	20.00	ng	-0.01
86) Perylene-d12	24.91	264	467890	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	528507	134.29	ng	0.00
7) Phenol-d6	7.22	99	680680	120.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	490527	104.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	323229	162.16	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1113378	95.16	ng	-0.01
78) Terphenyl-d14	20.04	244	1904792	95.02	ng	-0.02

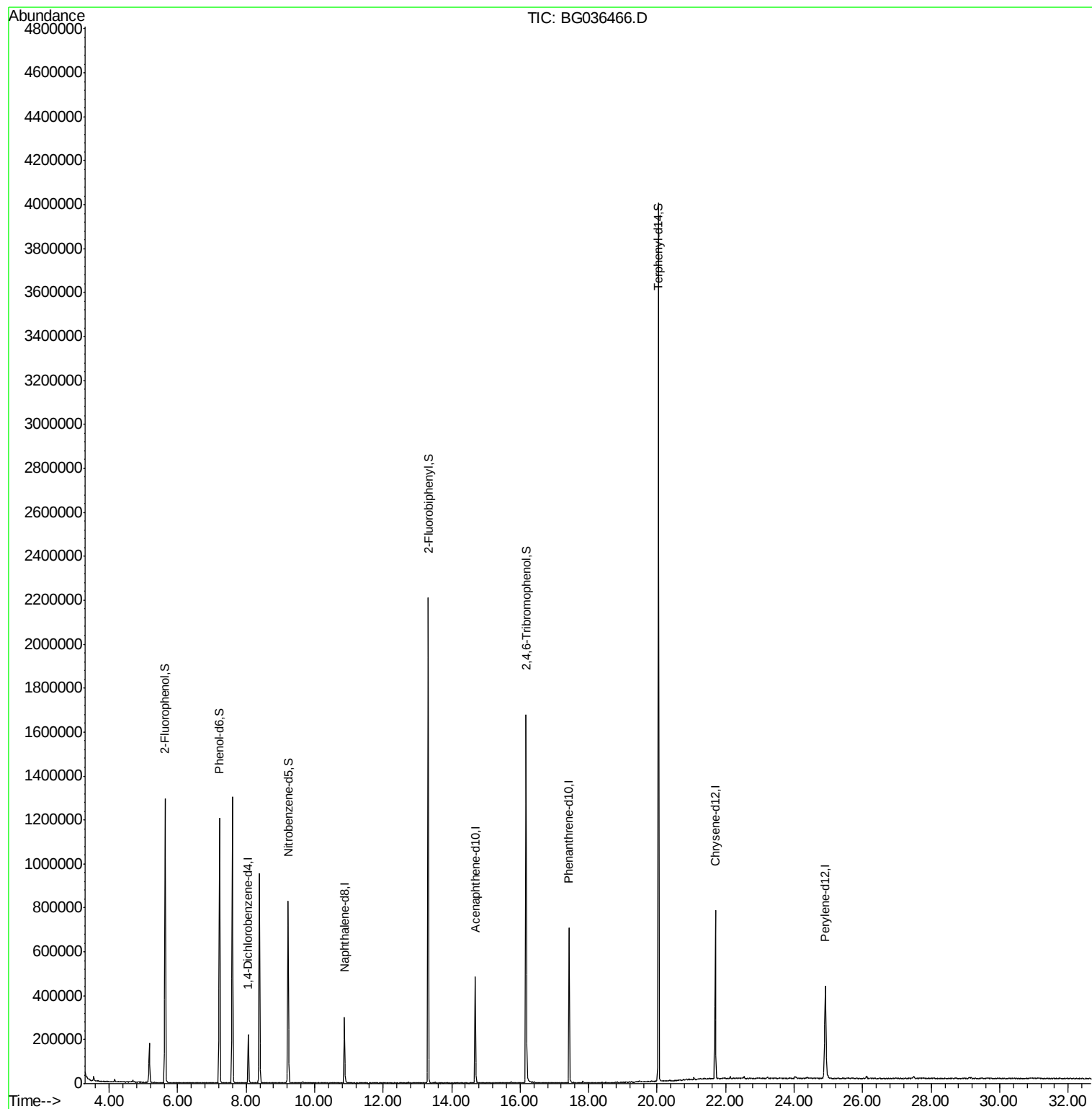
Target Compounds Qvalue

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

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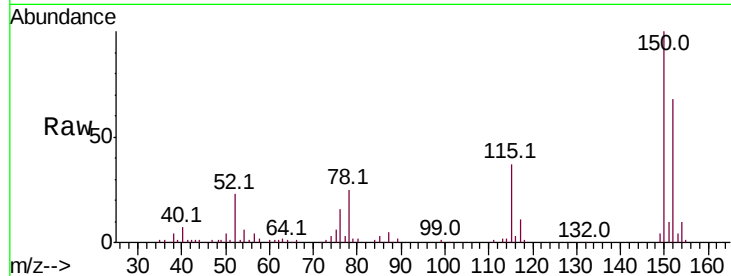


#1

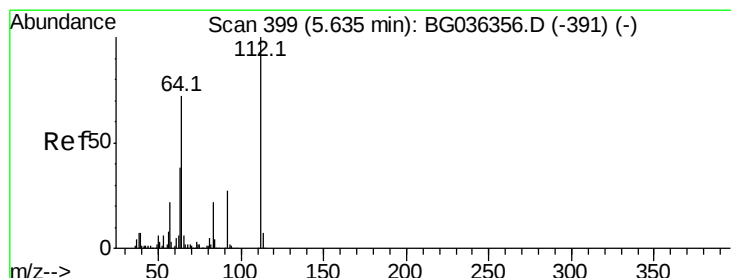
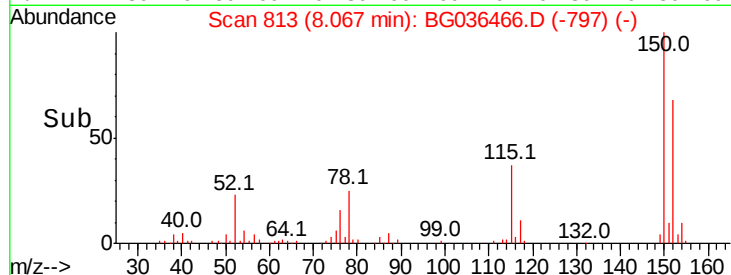
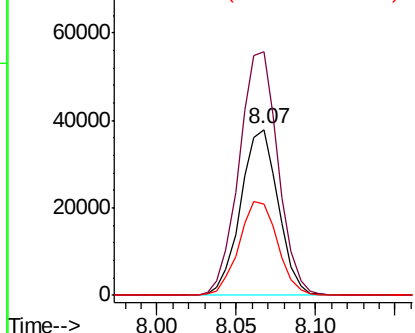
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	119.5	179.3
115	54.9	44.5	66.7



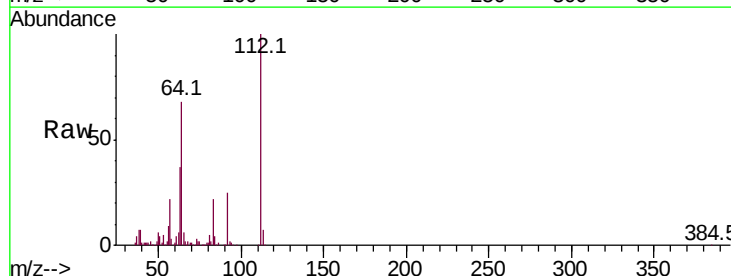
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



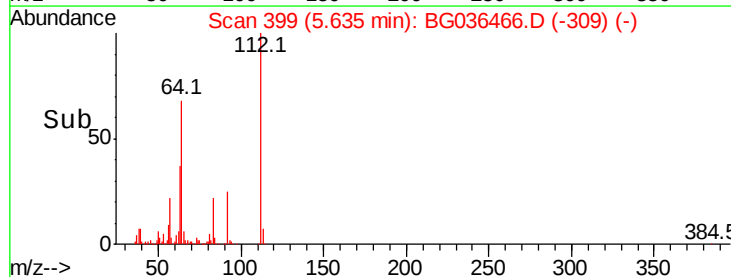
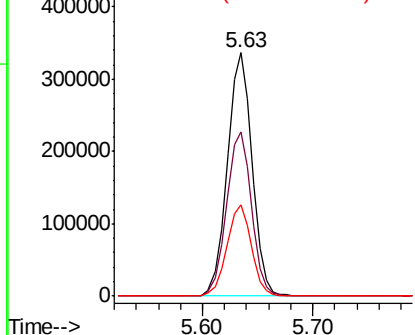
#5

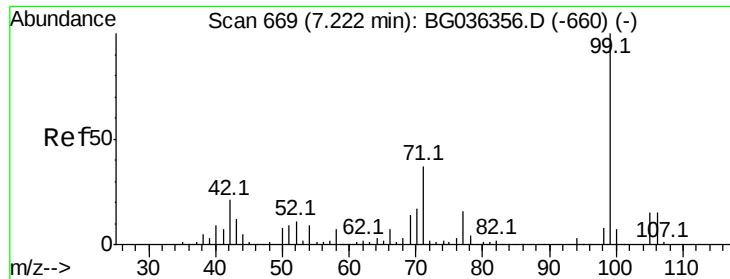
2-Fluorophenol
Concen: 134.287 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.2	85.8
63	37.3	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: 120.798 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OK-02-082718

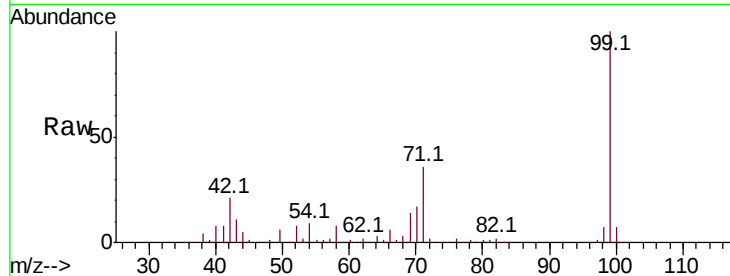
Tot Ion: 99 Resp: 680680

Ion Ratio Lower Upper

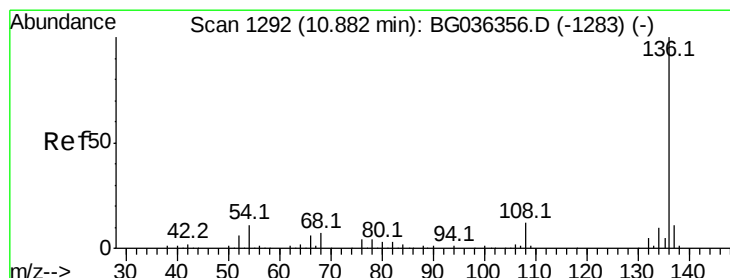
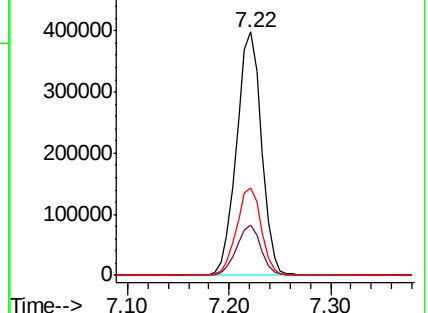
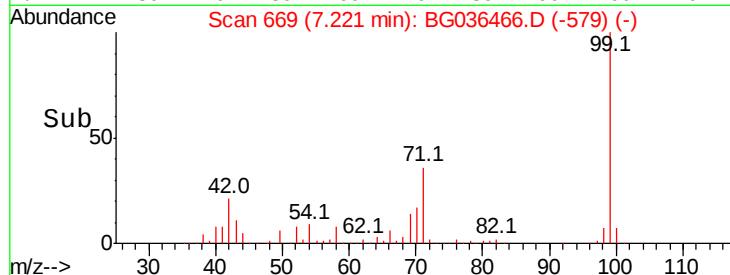
99 100

42 20.6 16.5 24.7

71 35.8 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: BG036466.D

Acq: 28 Aug 2018 20:17

Tgt Ion: 136 Resp: 255877

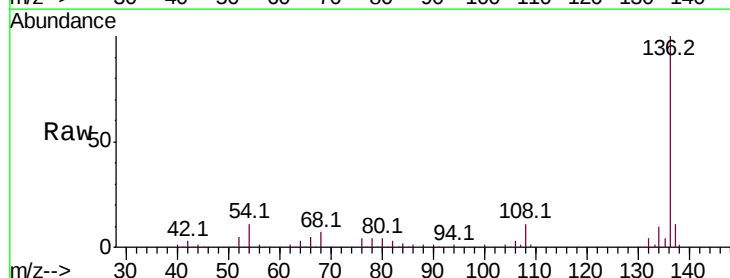
Ion Ratio Lower Upper

136 100

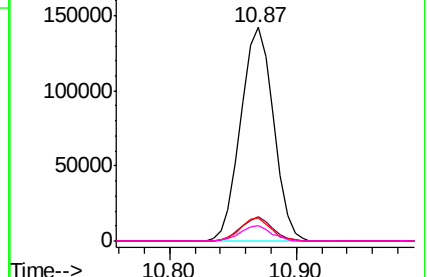
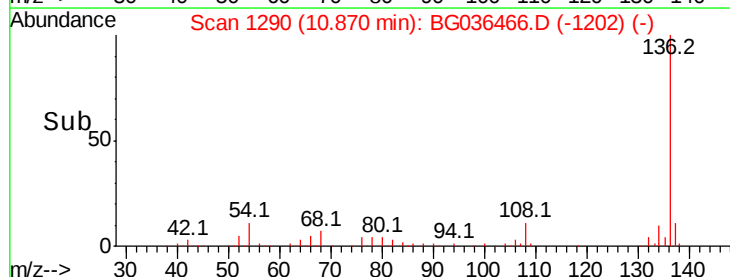
137 11.2 8.8 13.2

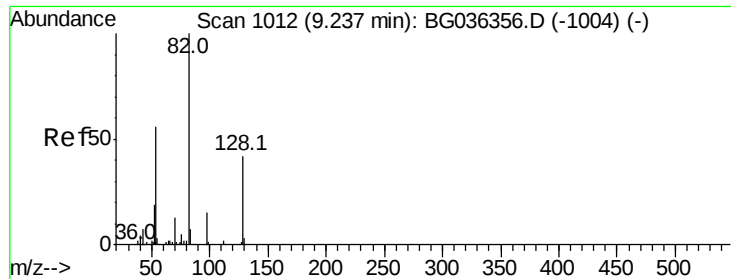
54 10.8 9.2 13.8

68 6.9 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

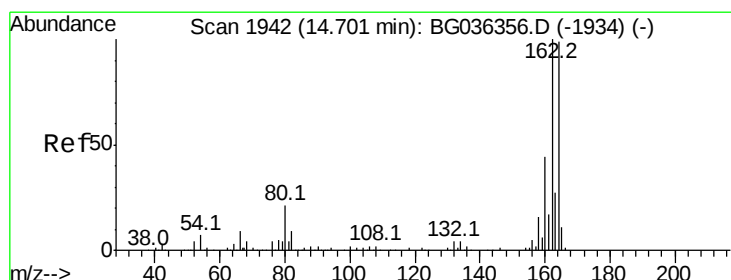
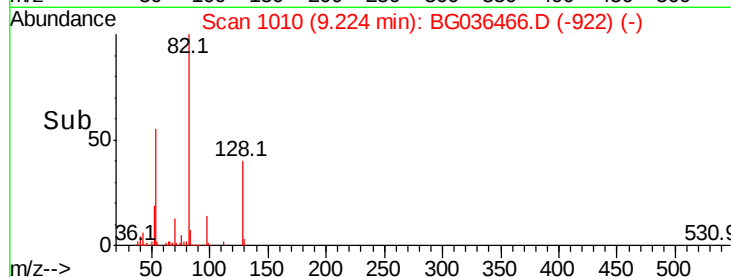
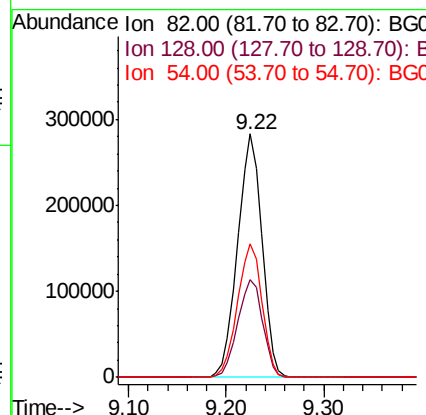
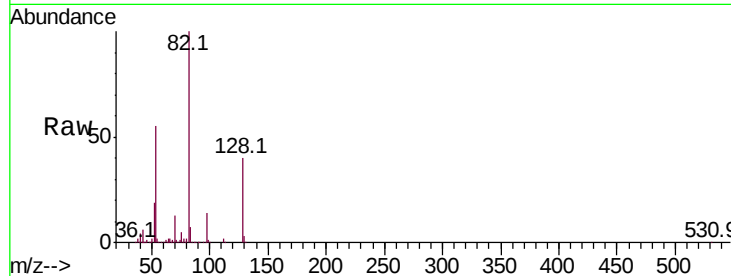




#23
 Nitrobenzene-d5
 Concen: 104.012 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

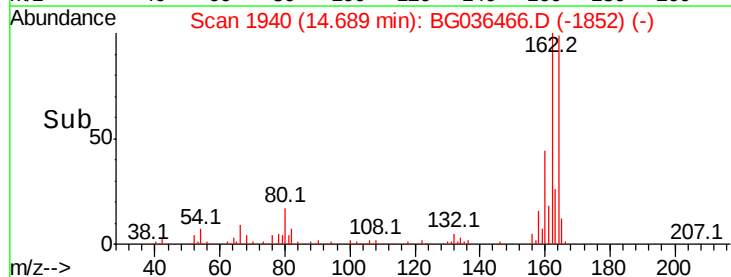
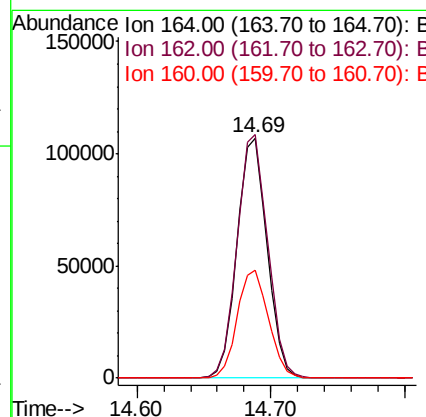
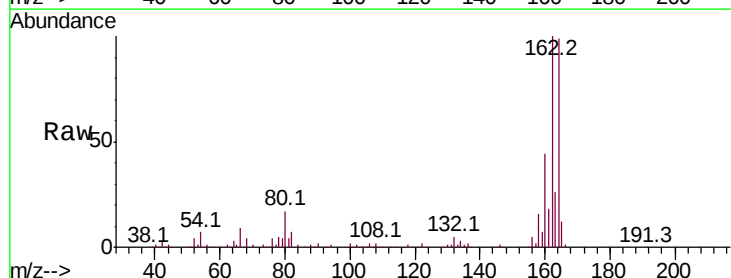
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-082718

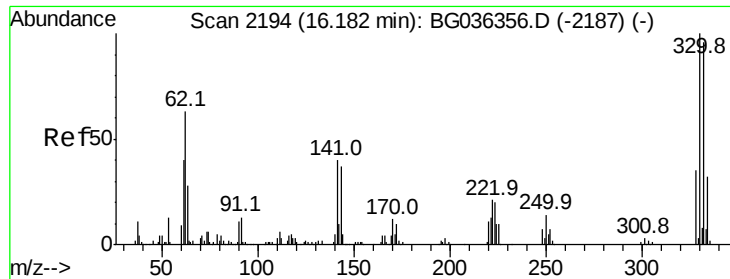
Tot Ion	82	Resp	490527
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.3	49.9
54	54.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Tgt Ion	164	Resp	167049
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.7	121.1
160	44.7	35.3	52.9

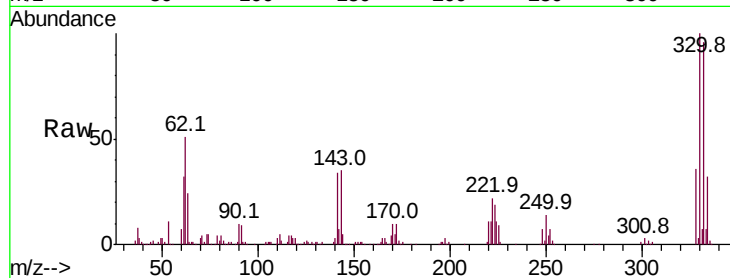




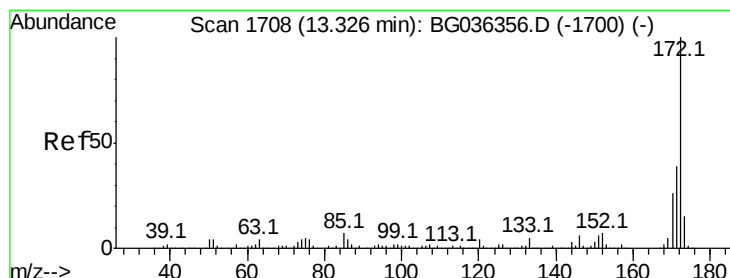
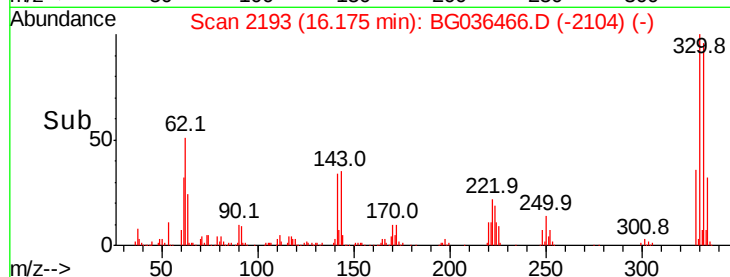
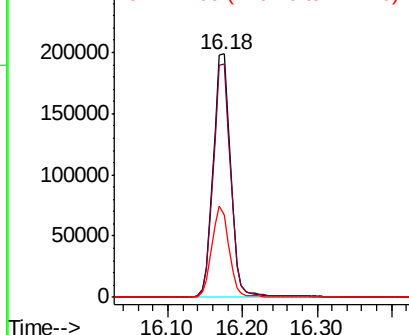
#41
 2,4,6-Tribromophenol
 Concen: 162.160 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-082718

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.2
141	37.0	30.7	46.1

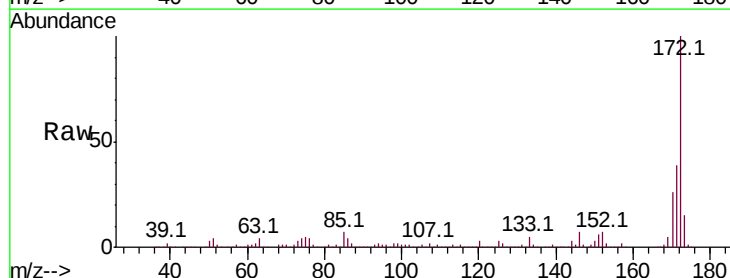


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

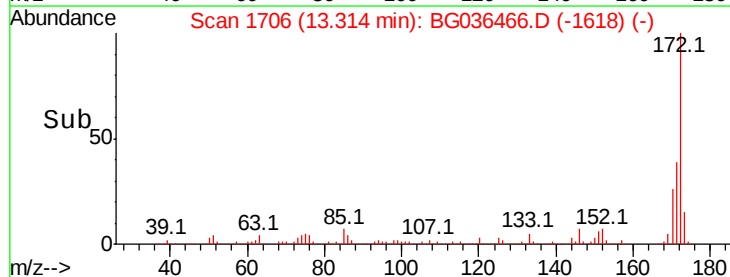
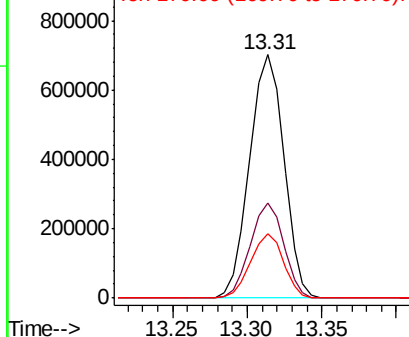


#44
 2-Fluorobiphenyl
 Concen: 95.164 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.2	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: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OK-02-082718

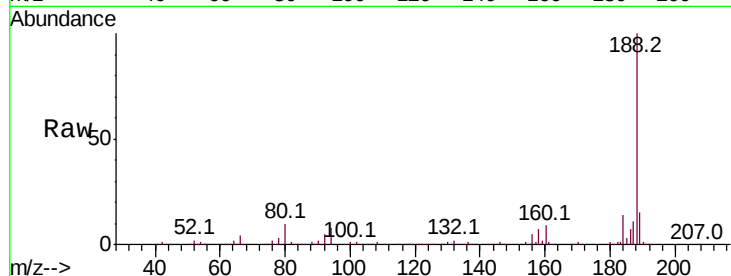
Tot Ion:188 Resp: 430165

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

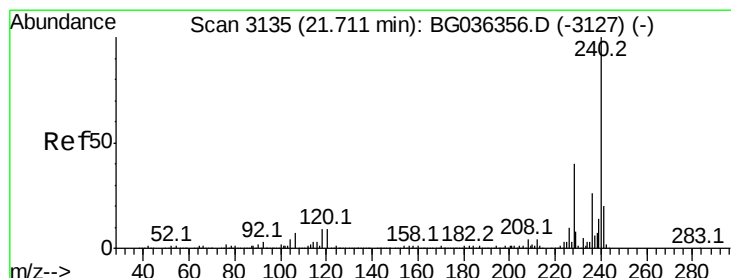
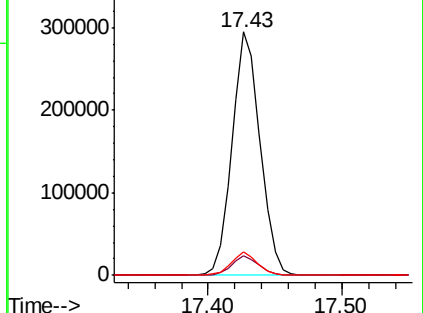
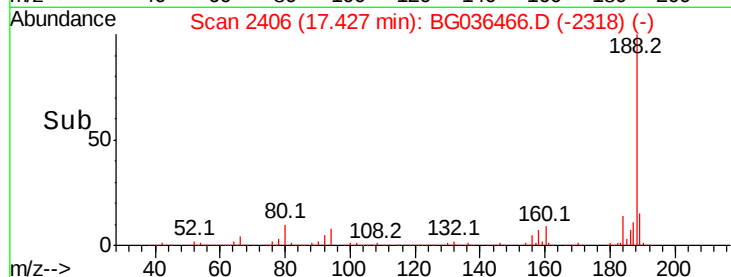
80 9.8 8.1 12.1



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: BG036466.D

Acq: 28 Aug 2018 20:17

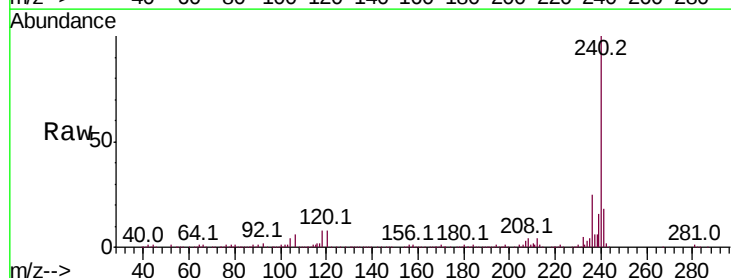
Tgt Ion:240 Resp: 468530

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

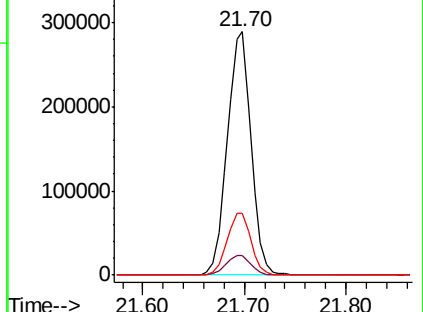
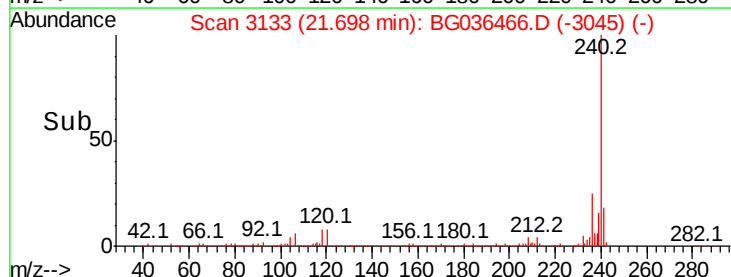
236 25.4 21.2 31.8



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: 95.024 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

Instrument :

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ClientSampleId :

OK-02-082718

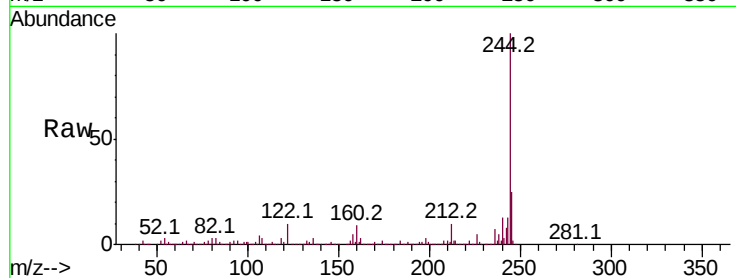
Tot Ion:244 Resp: 1904792

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

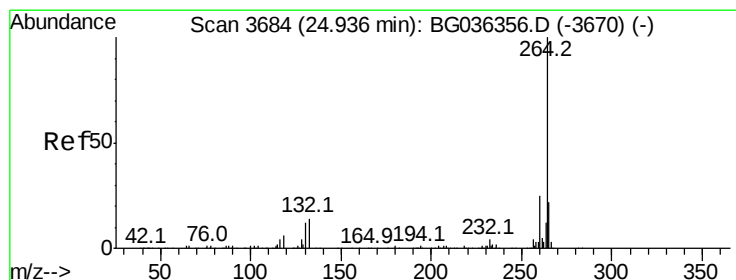
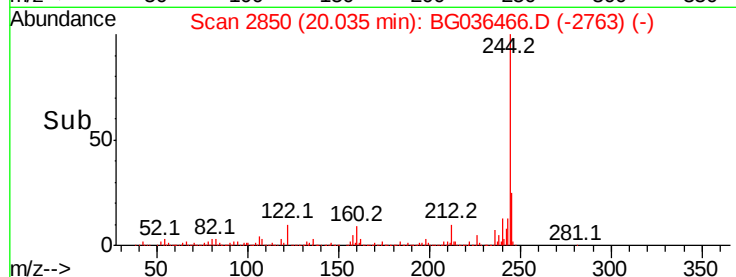
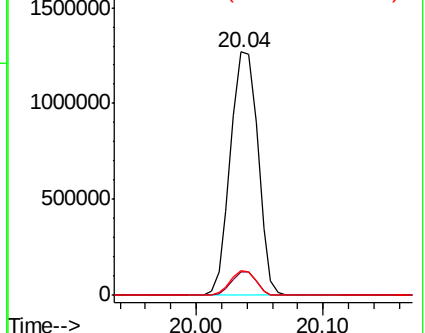
122 10.2 7.1 10.7



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. -0.02 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

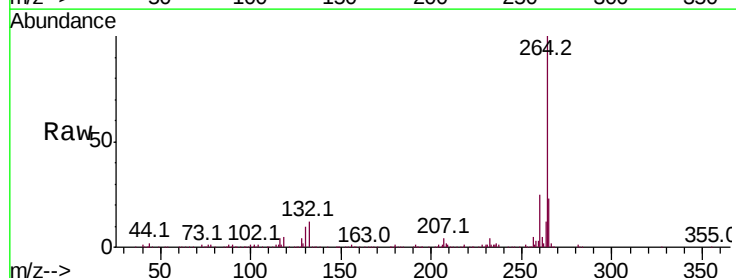
Tgt Ion:264 Resp: 467890

Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 22.8 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

