

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036465.D
 Acq On : 28 Aug 2018 19:37
 Operator : JU/SJ
 Sample : J4274-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Quant Time: Aug 29 01:49:07 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	62224	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	252289	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	166117	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	435502	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	472158	20.00	ng	-0.02
86) Perylene-d12	24.91	264	477494	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	518024	132.06	ng	0.00
7) Phenol-d6	7.22	99	656817	116.95	ng	0.00
23) Nitrobenzene-d5	9.23	82	499253	107.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	328819	165.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1131933	97.29	ng	-0.01
78) Terphenyl-d14	20.04	244	1953058	96.68	ng	-0.01

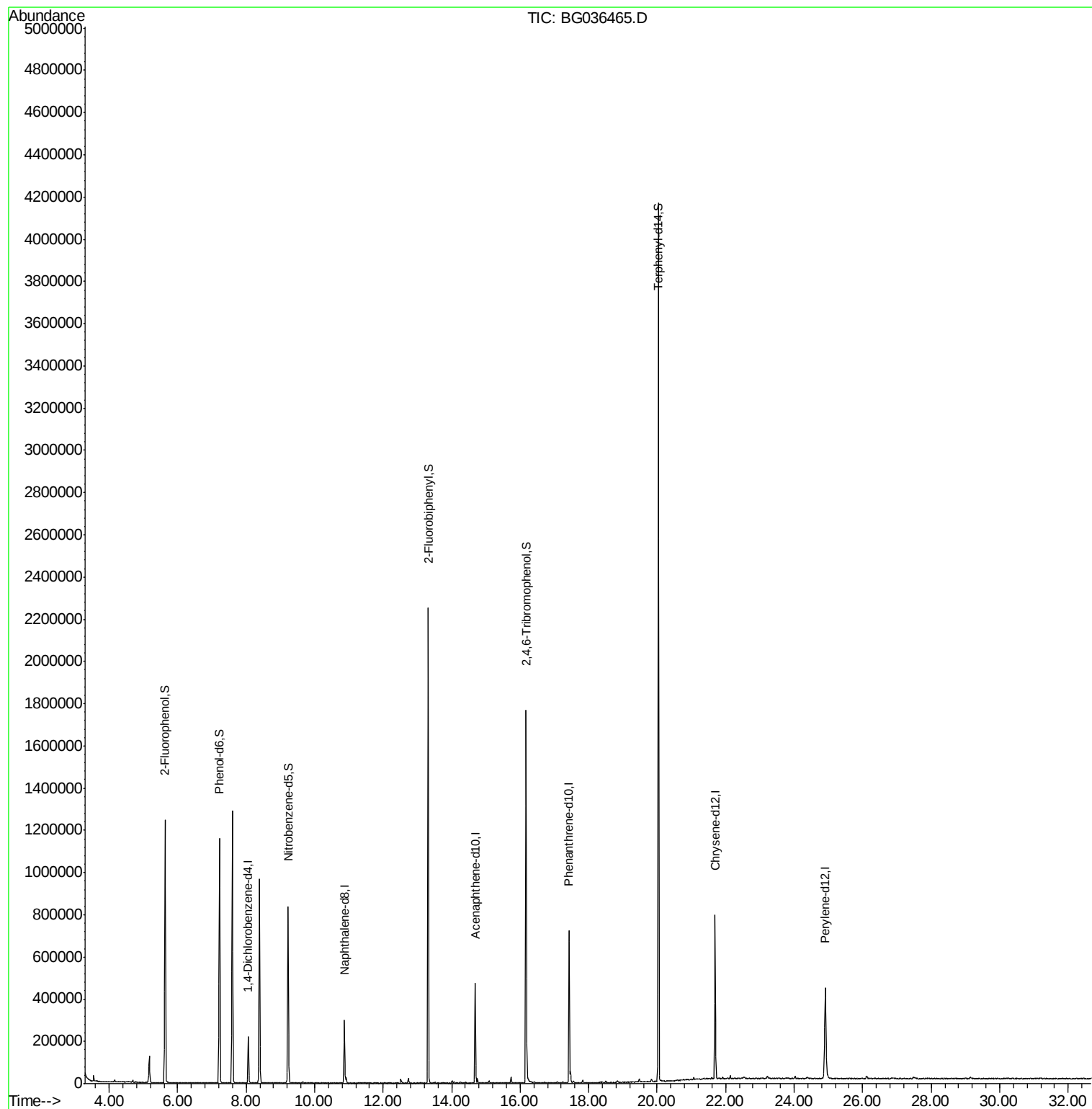
Target Compounds Qvalue

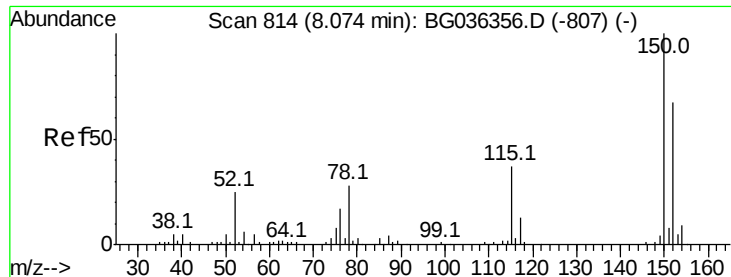
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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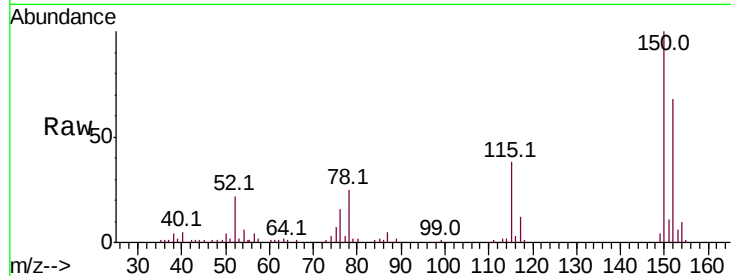


#1

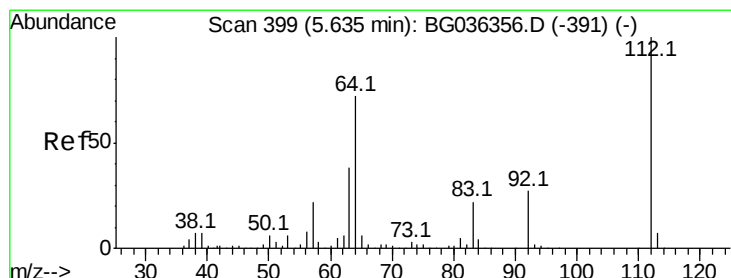
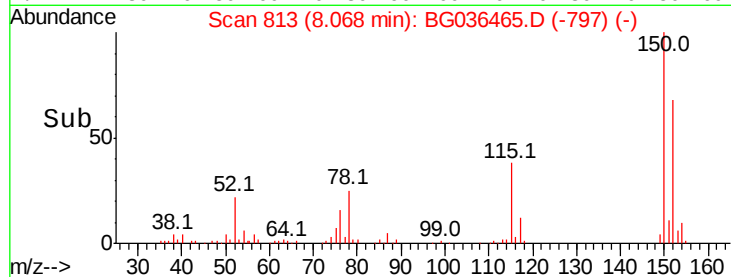
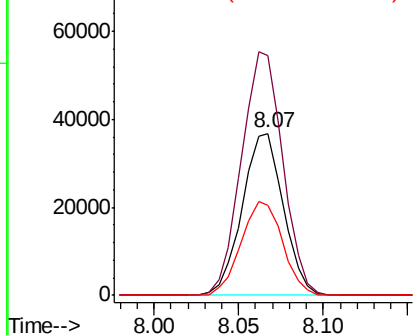
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Tot Ion:152 Resp: 62224
 Ion Ratio Lower Upper
 152 100
 150 147.7 119.5 179.3
 115 55.5 44.5 66.7



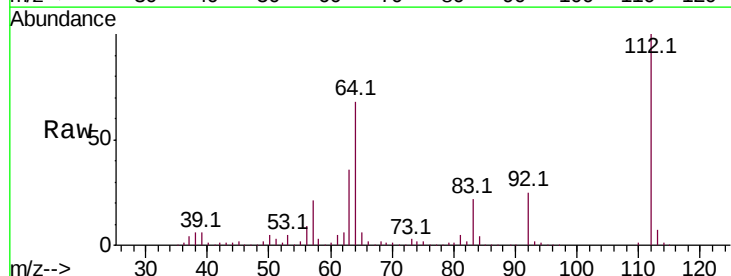
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



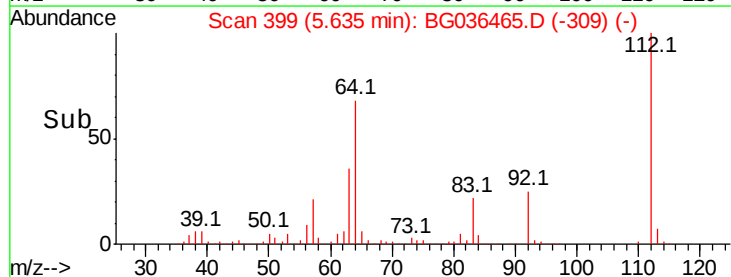
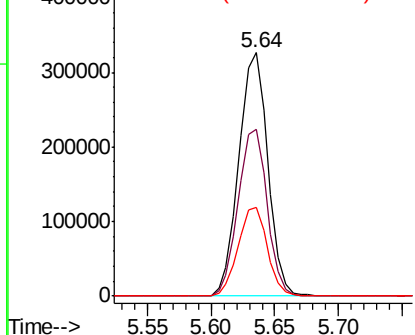
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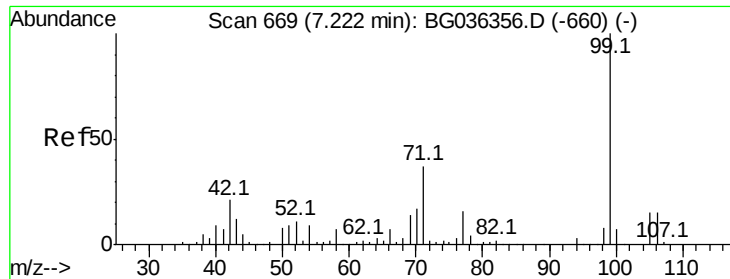
2-Fluorophenol
 Concen: 132.061 ng
 RT: 5.64 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Tgt Ion:112 Resp: 518024
 Ion Ratio Lower Upper
 112 100
 64 68.4 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: 116.951 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036465.D

Acq: 28 Aug 2018 19:37

Instrument :

BNA_G

ClientSampleId :

HD-01-082718

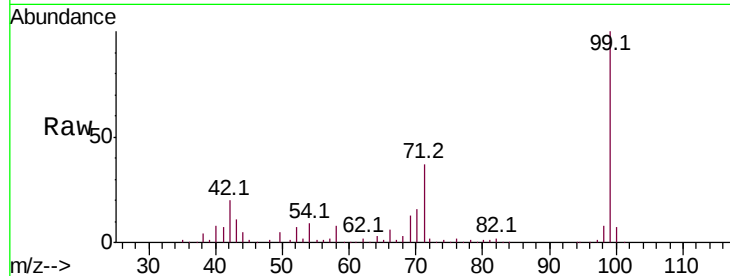
Tot Ion: 99 Resp: 656817

Ion Ratio Lower Upper

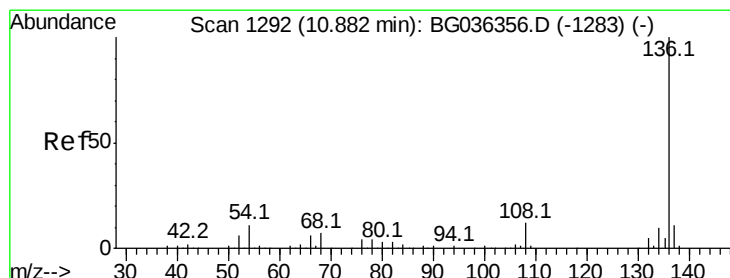
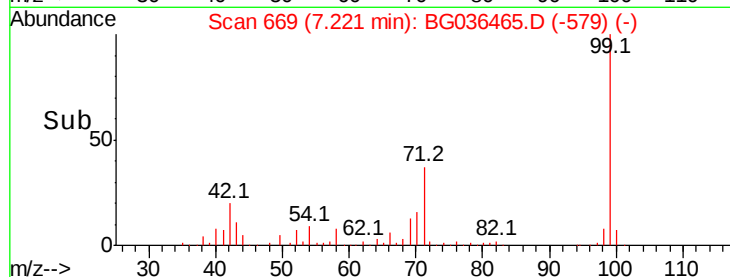
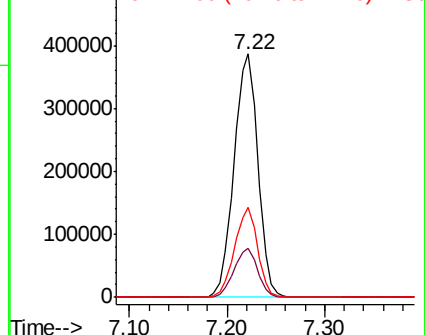
99 100

42 19.9 16.5 24.7

71 36.8 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: BG036465.D

Acq: 28 Aug 2018 19:37

Tgt Ion: 136 Resp: 252289

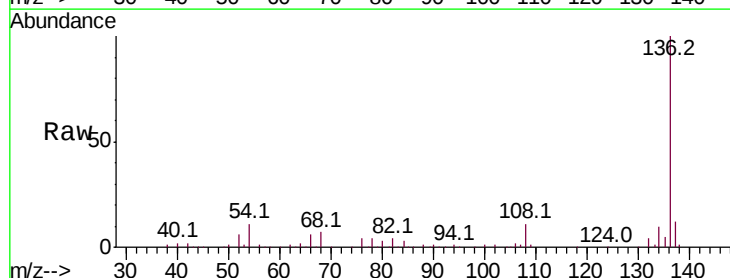
Ion Ratio Lower Upper

136 100

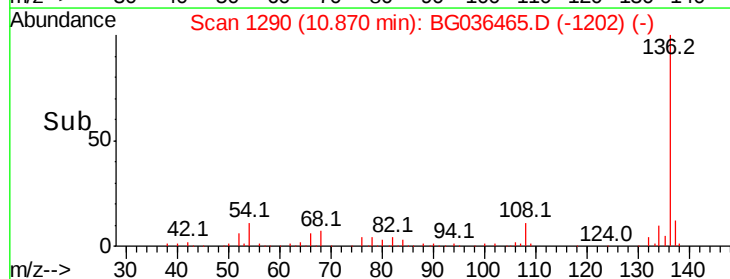
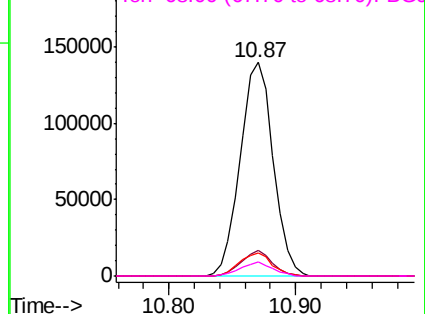
137 11.8 8.8 13.2

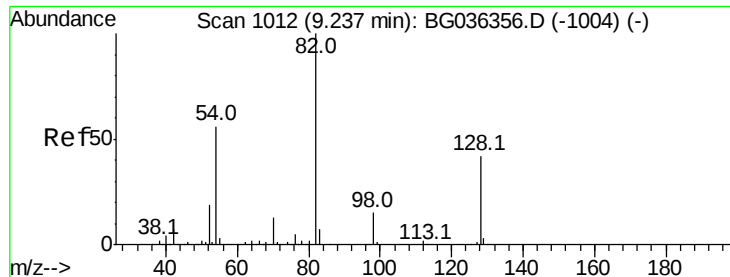
54 10.9 9.2 13.8

68 6.6 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

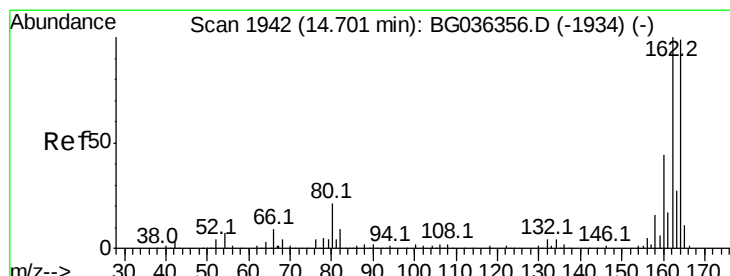
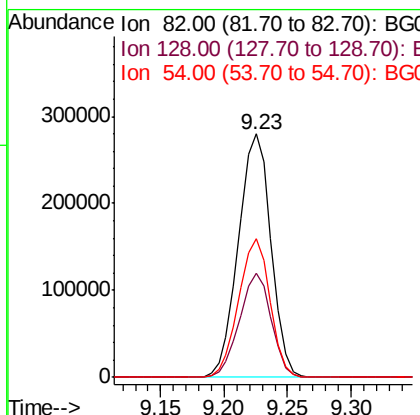
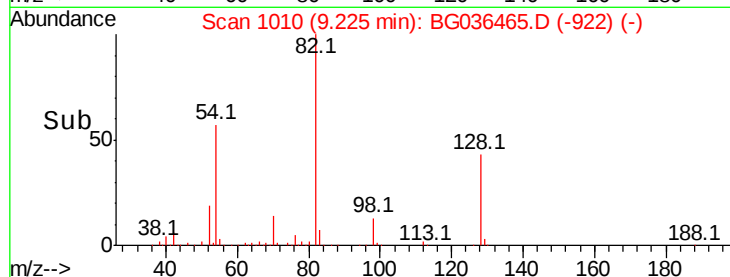
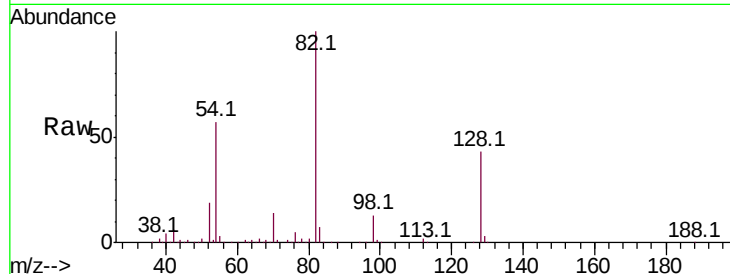




#23
 Nitrobenzene-d5
 Concen: 107.368 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

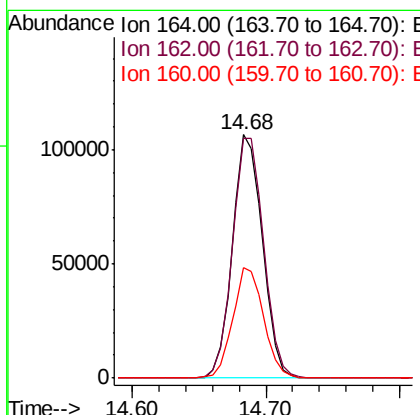
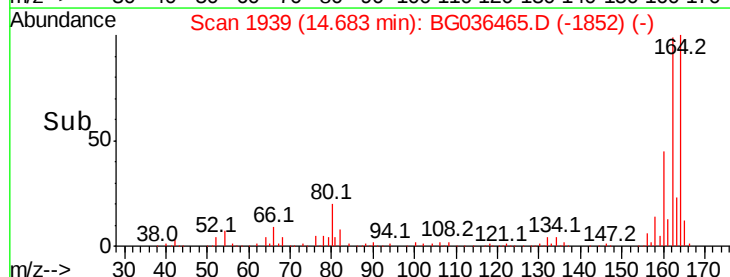
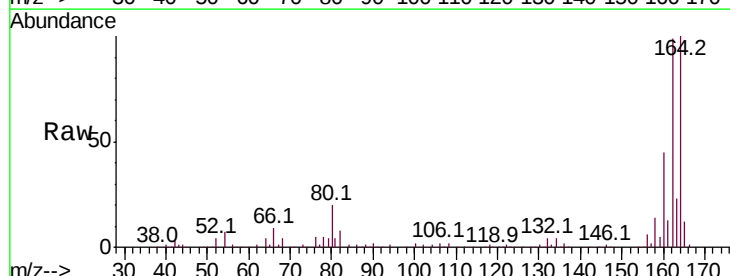
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

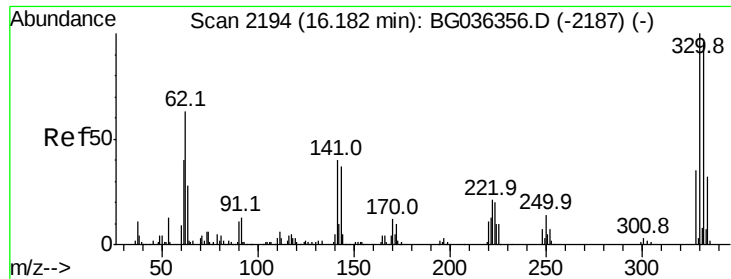
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	56.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.7	121.1
160	45.4	35.3	52.9

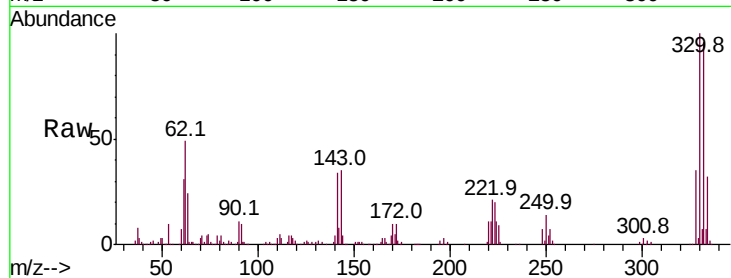




#41
 2,4,6-Tribromophenol
 Concen: 165.890 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	36.6	30.7	46.1

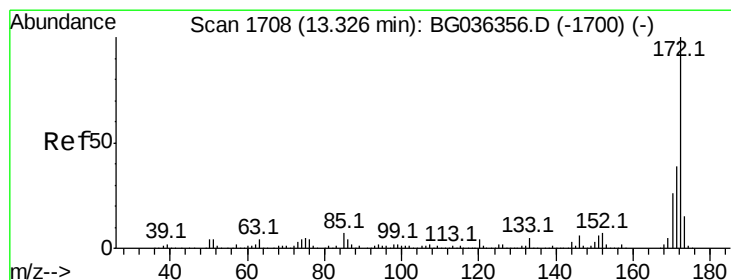
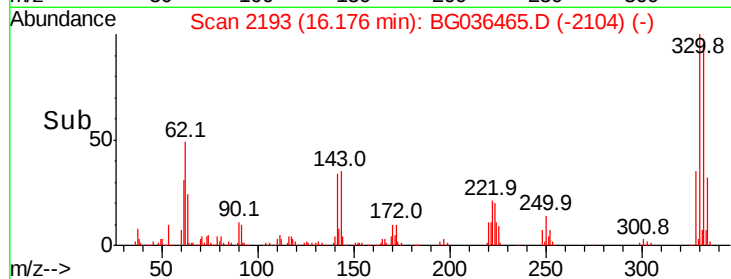
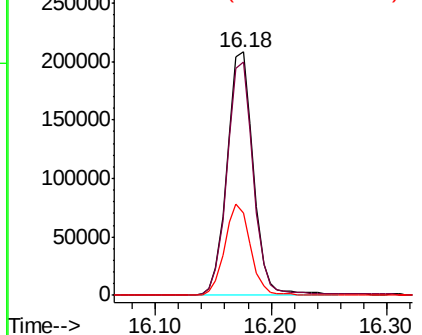


Abundance

Ion 329.80 (329.50 to 330.50): E

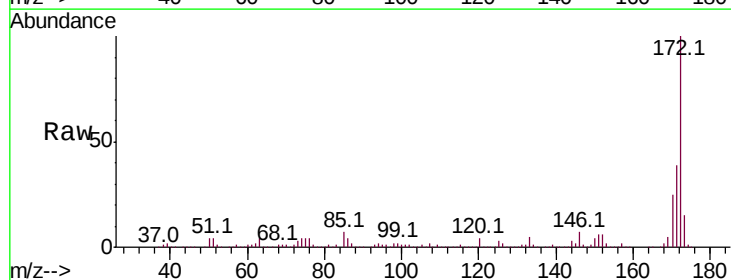
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.293 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	25.4	21.0	31.6

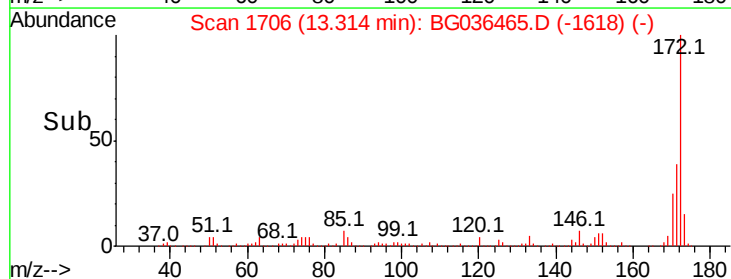
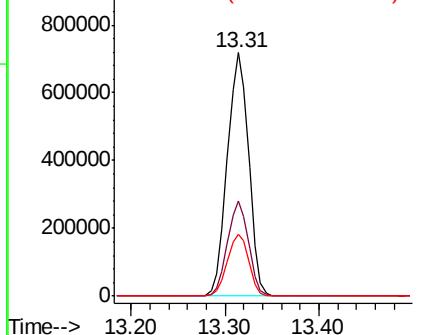


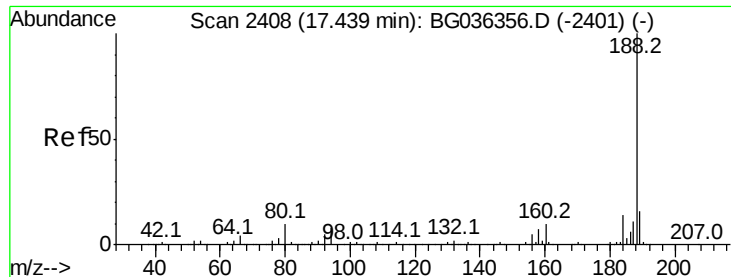
Abundance

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

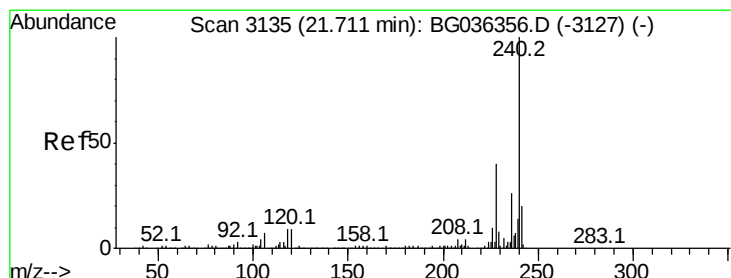
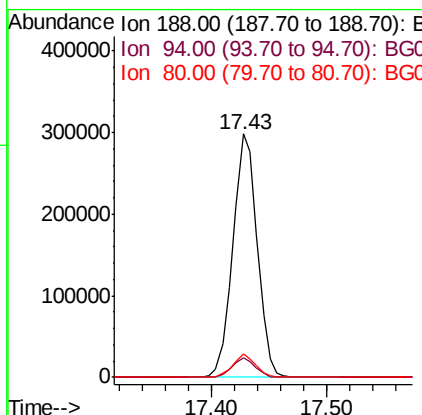
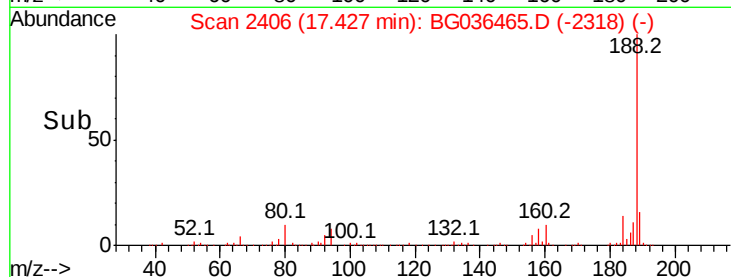
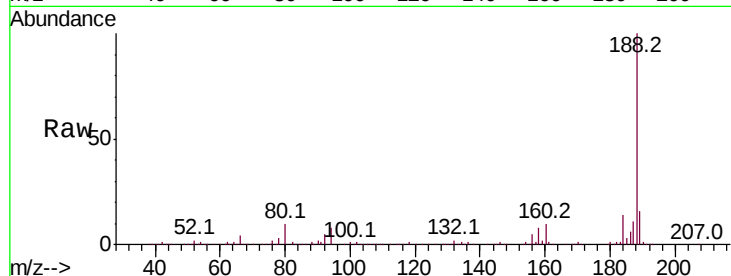




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036465.D
Acq: 28 Aug 2018 19:37

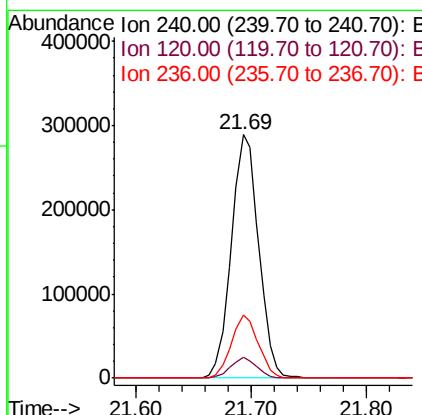
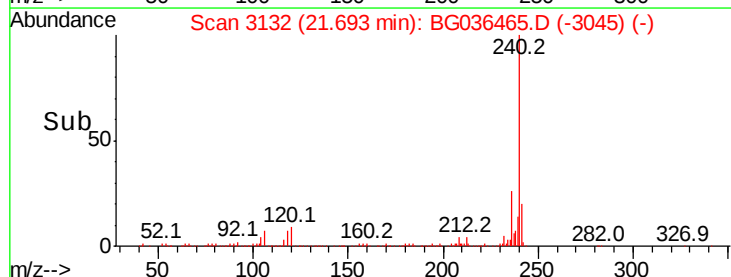
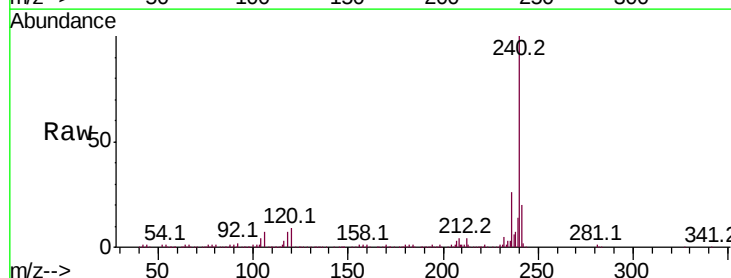
Instrument :
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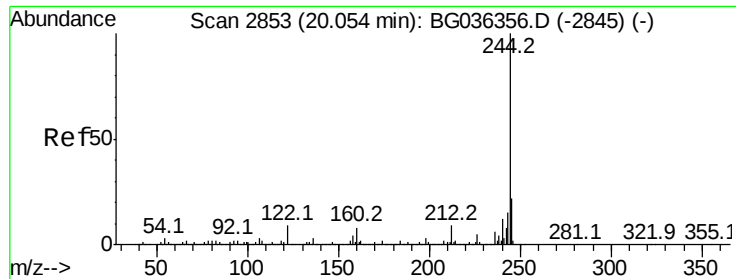
Tot Ion:188 Resp: 435502
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.6 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036465.D
Acq: 28 Aug 2018 19:37

Tgt Ion:240 Resp: 472158
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.0 21.2 31.8



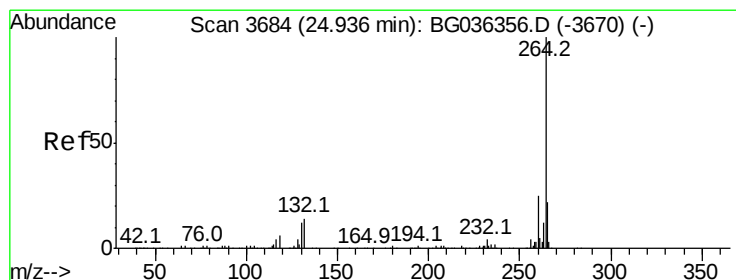
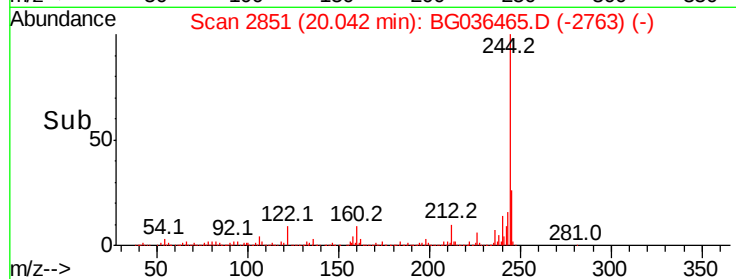
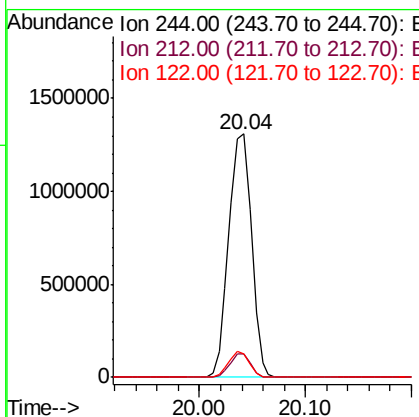
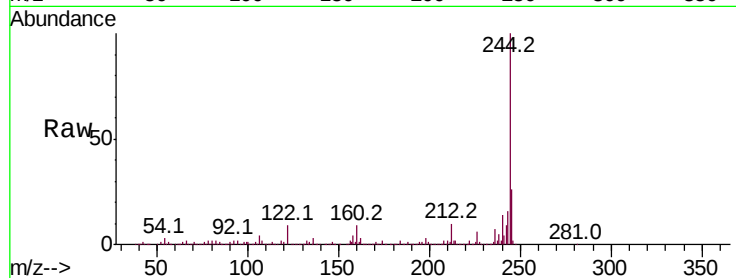


#78
 Terphenyl-d14
 Concen: 96.683 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Tot Ion:244 Resp: 1953058

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.6
122	9.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Tgt Ion:264 Resp: 477494

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.4	26.0

