

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036455.D
 Acq On : 28 Aug 2018 7:42
 Operator : JU/SJ
 Sample : J4269-04RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-081518-BRE

Quant Time: Aug 28 09:38:22 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	74214	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	304441	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	193489	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	489709	20.00	ng	0.00
75) Chrysene-d12	21.70	240	538041	20.00	ng	-0.01
86) Perylene-d12	24.91	264	532816	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	651068	139.16	ng	0.00
7) Phenol-d6	7.22	99	836305	124.85	ng	0.00
23) Nitrobenzene-d5	9.23	82	600586	107.03	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	396987	171.95	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1292306	95.36	ng	-0.01
78) Terphenyl-d14	20.04	244	2127179	92.41	ng	-0.01

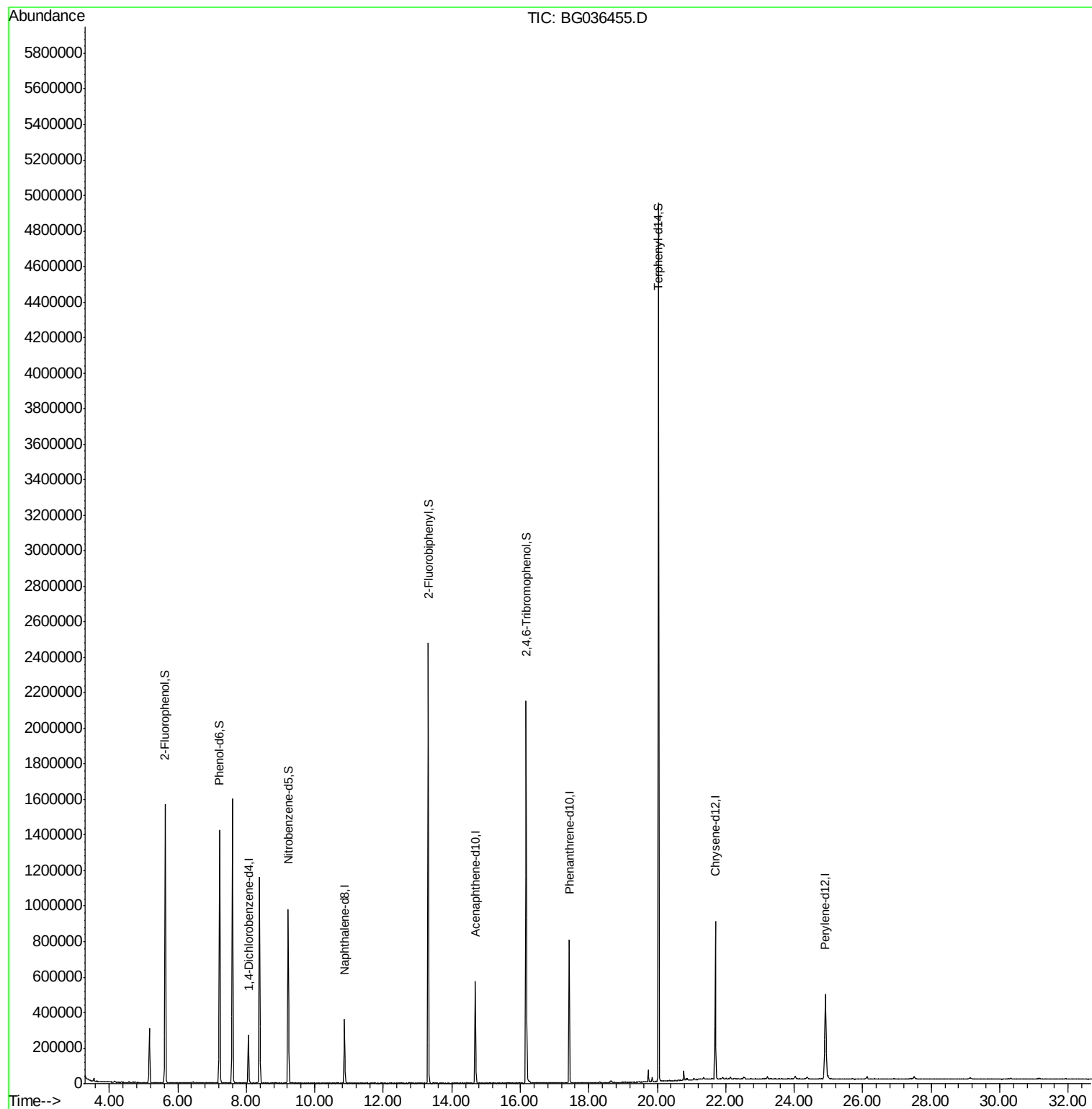
Target Compounds Qvalue

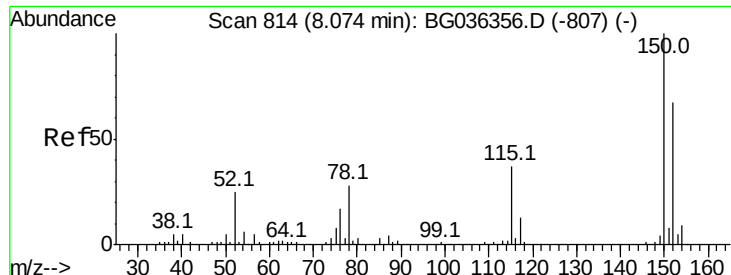
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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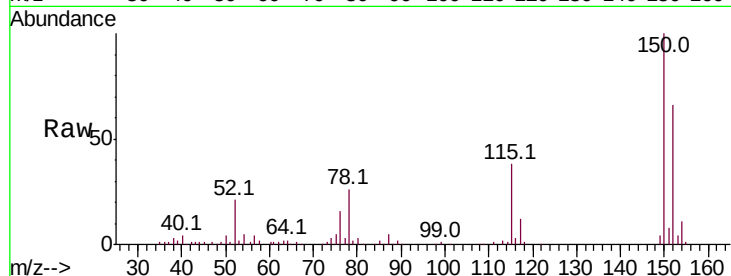


#1

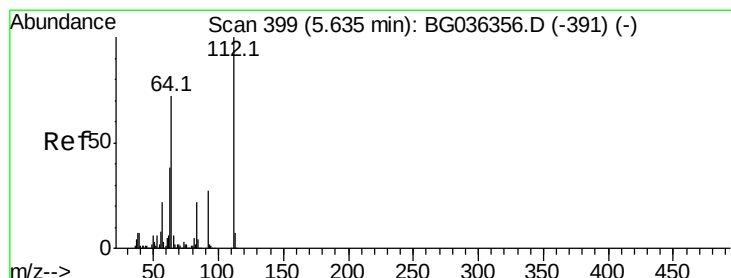
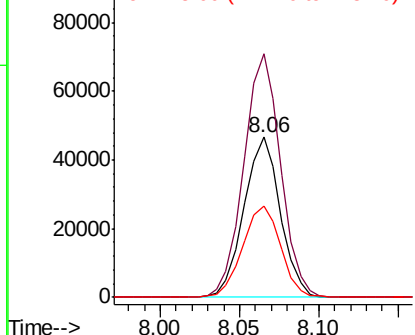
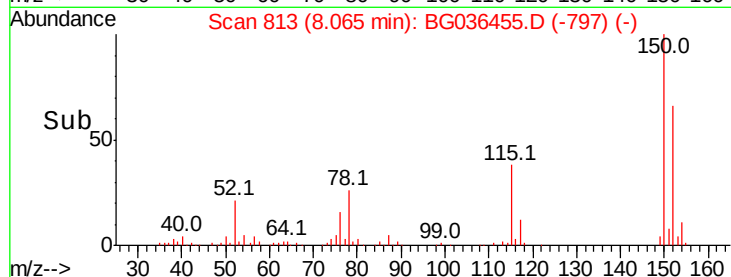
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-081518-BRE

Tot Ion:152 Resp: 74214
 Ion Ratio Lower Upper
 152 100
 150 152.2 119.5 179.3
 115 57.4 44.5 66.7



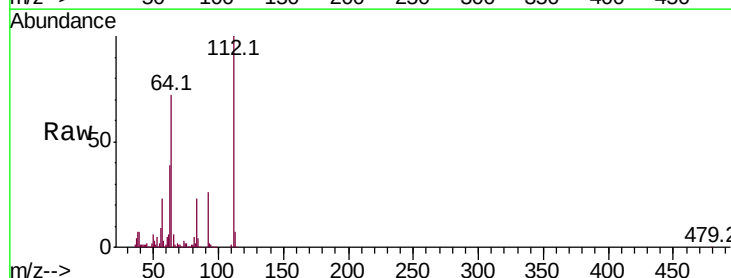
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



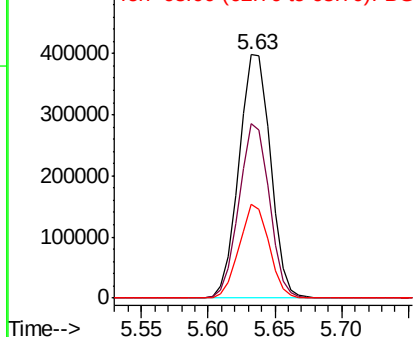
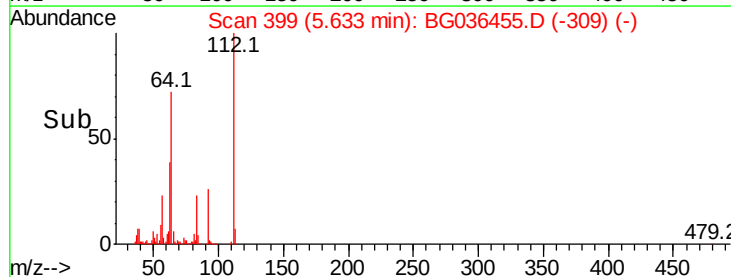
#5

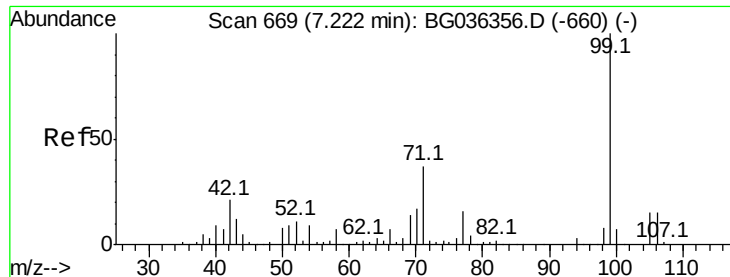
2-Fluorophenol
 Concen: 139.163 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

Tgt Ion:112 Resp: 651068
 Ion Ratio Lower Upper
 112 100
 64 71.9 57.2 85.8
 63 38.7 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: 124.852 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036455.D

Acq: 28 Aug 2018 7:42

Instrument :

BNA_G

ClientSampleId :

AU-06-081518-BRE

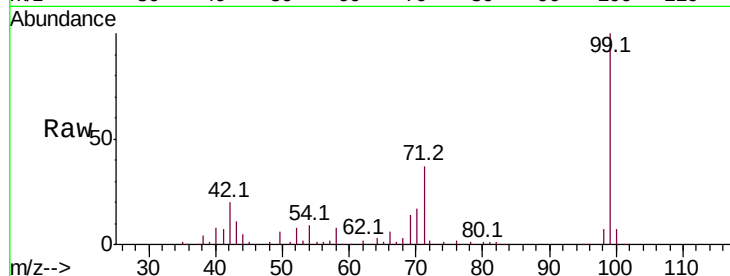
Tot Ion: 99 Resp: 836305

Ion Ratio Lower Upper

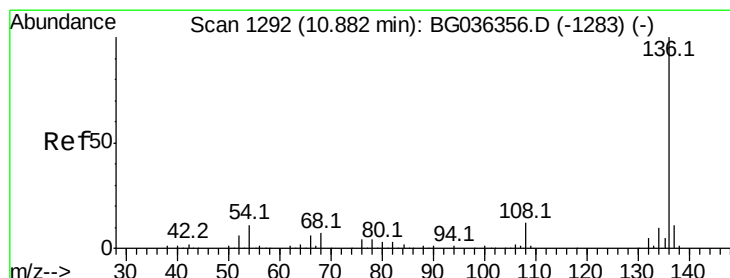
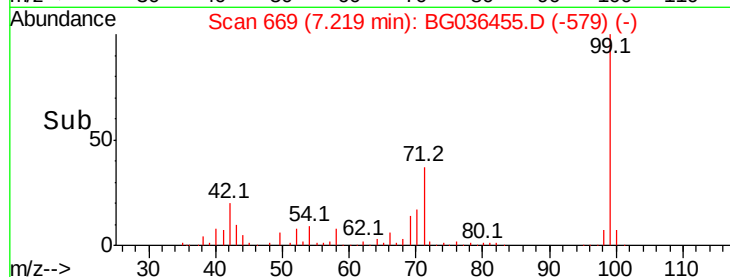
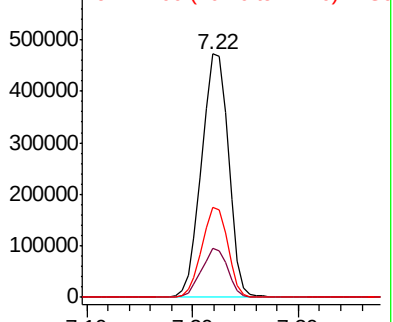
99 100

42 20.2 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: BG036455.D

Acq: 28 Aug 2018 7:42

Tgt Ion: 136 Resp: 304441

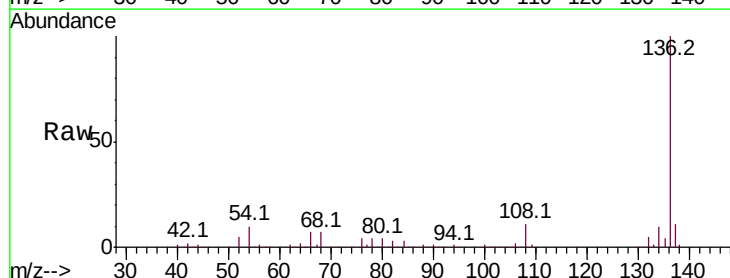
Ion Ratio Lower Upper

136 100

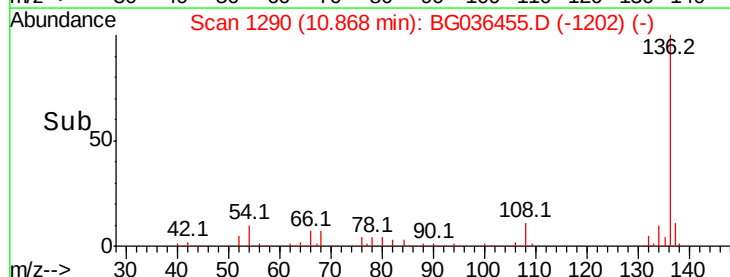
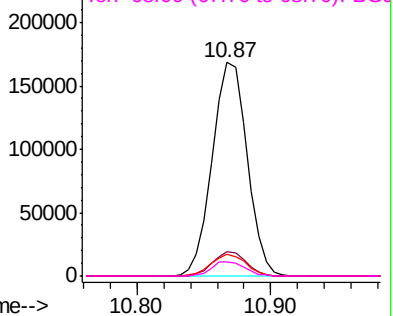
137 11.3 8.8 13.2

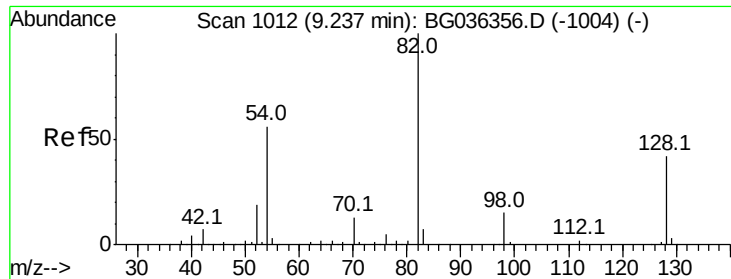
54 10.4 9.2 13.8

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

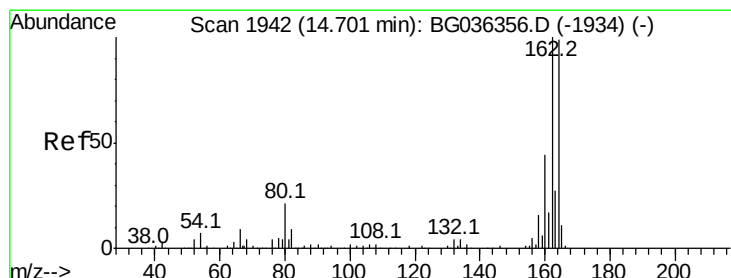
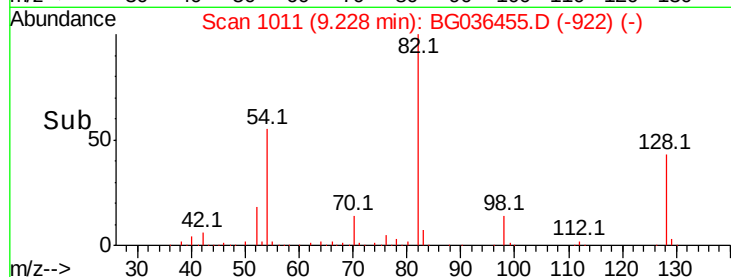
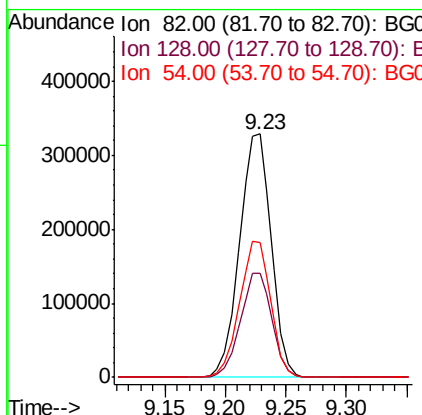
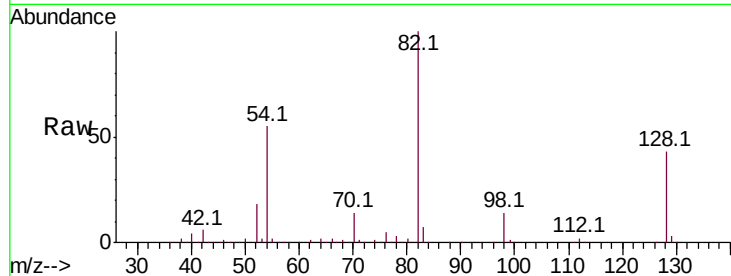




#23
 Nitrobenzene-d5
 Concen: 107.035 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

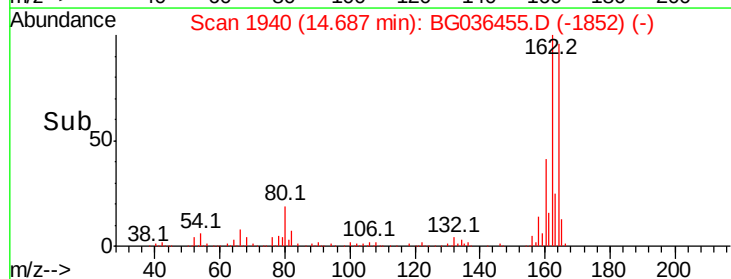
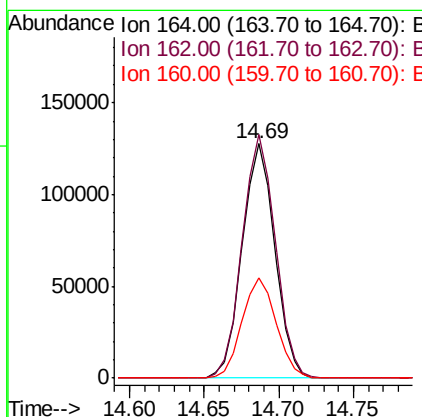
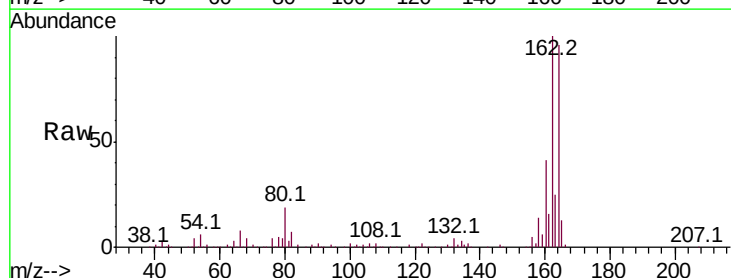
Instrument :
 BNA_G
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 AU-06-081518-BRE

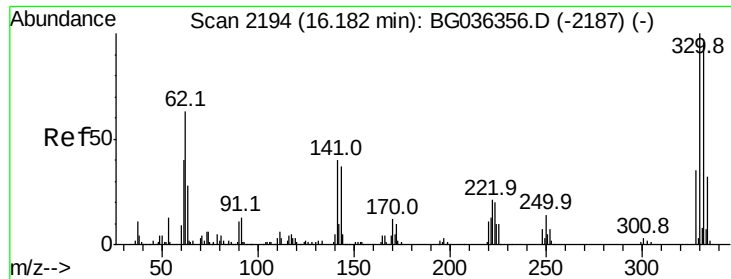
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	55.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.7	121.1
160	42.8	35.3	52.9

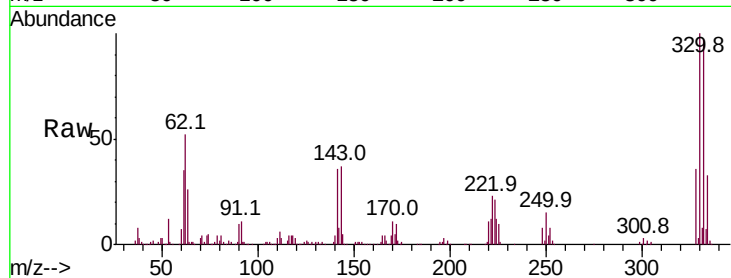




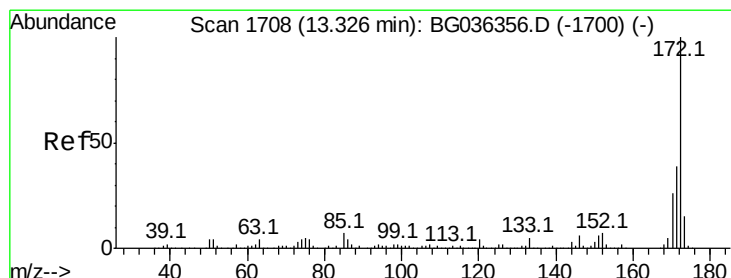
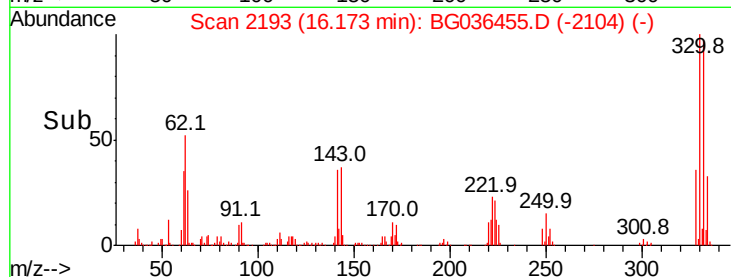
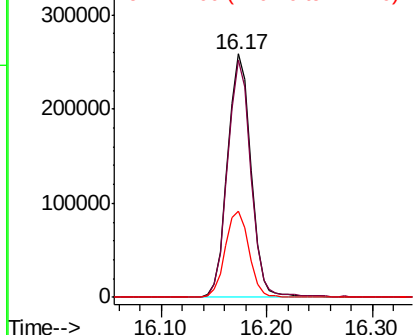
#41
 2,4,6-Tribromophenol
 Concen: 171.948 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-081518-BRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.2
141	35.9	30.7	46.1

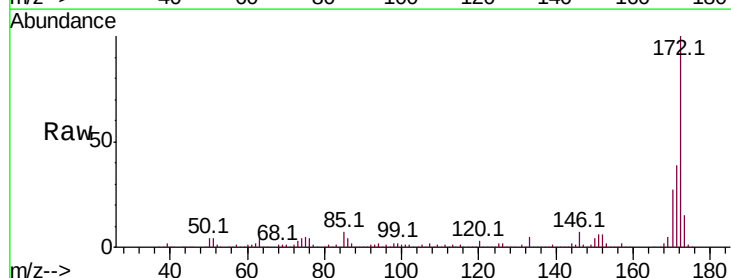


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

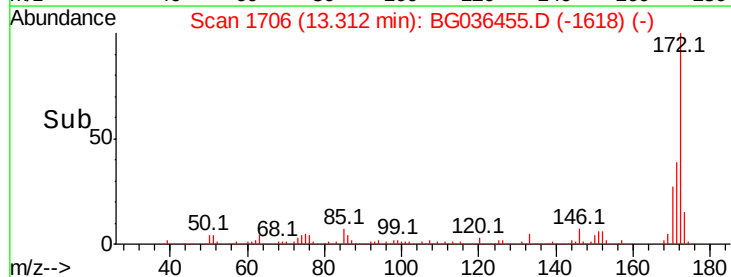
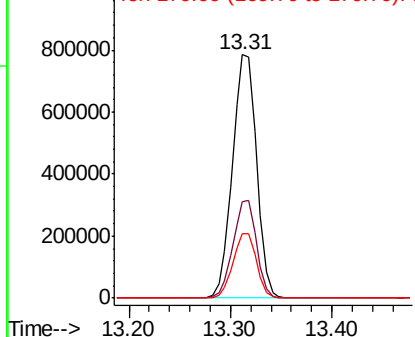


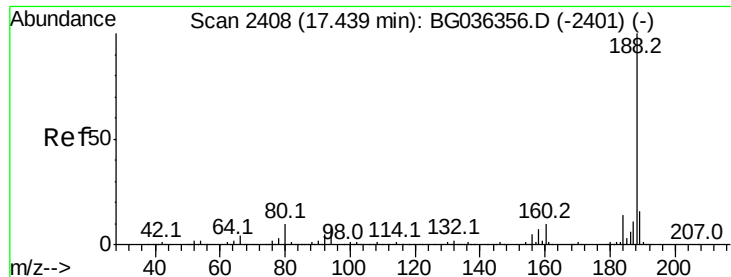
#44
 2-Fluorobiphenyl
 Concen: 95.363 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.3	46.9
170	26.6	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

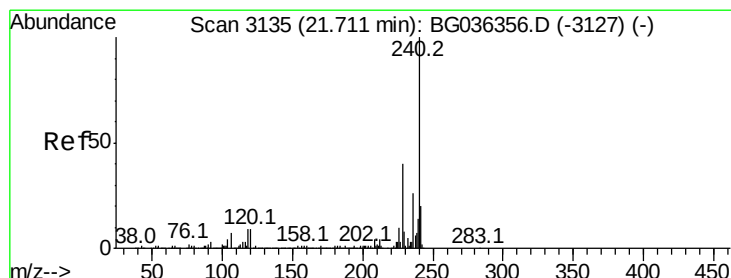
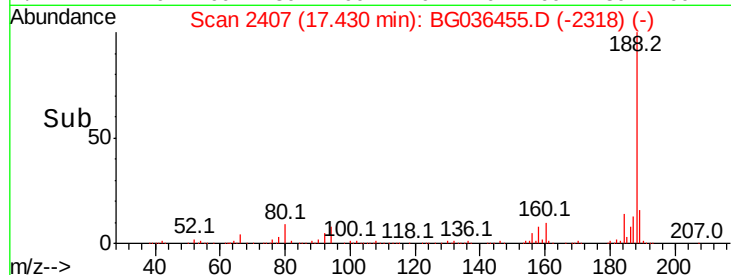
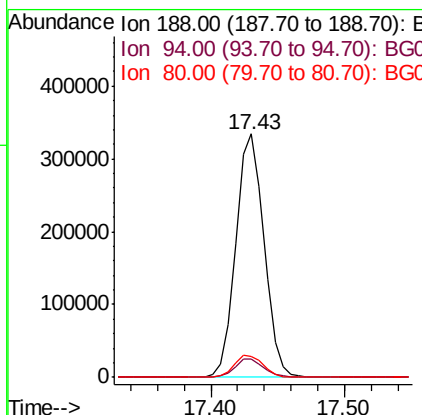
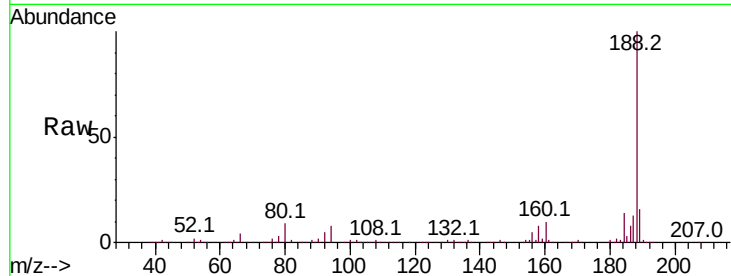




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

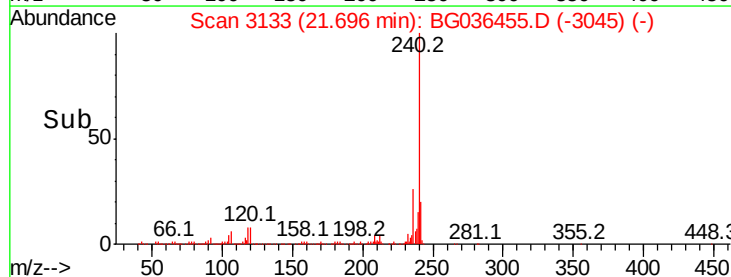
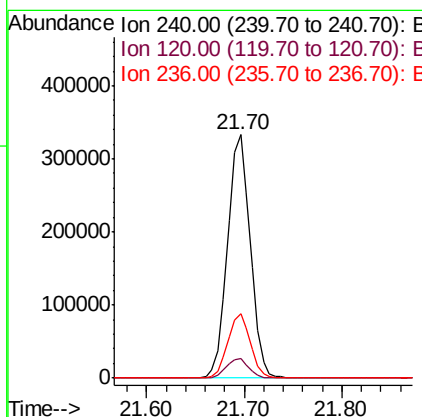
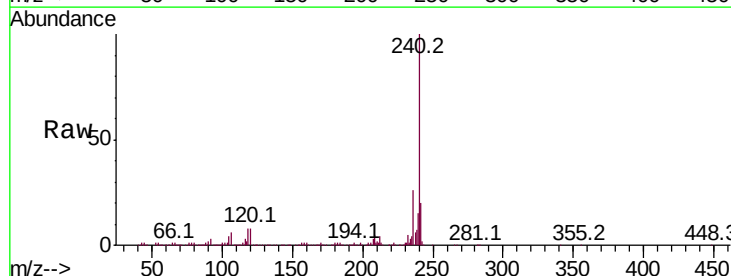
Instrument :
 BNA_G
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 AU-06-081518-BRE

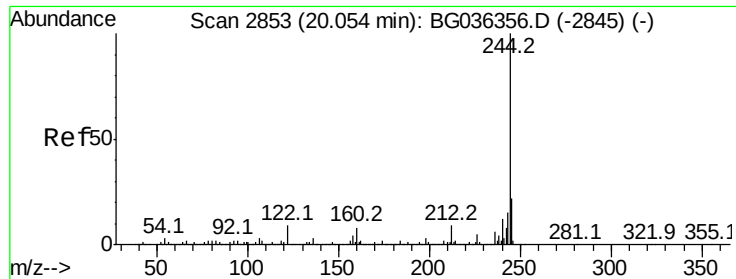
Tot Ion:188 Resp: 489709
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.7 10.1
 80 8.7 8.1 12.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036455.D
 Acq: 28 Aug 2018 7:42

Tgt Ion:240 Resp: 538041
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 92.408 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036455.D

Acq: 28 Aug 2018 7:42

Instrument :

BNA_G

ClientSampleId :

AU-06-081518-BRE

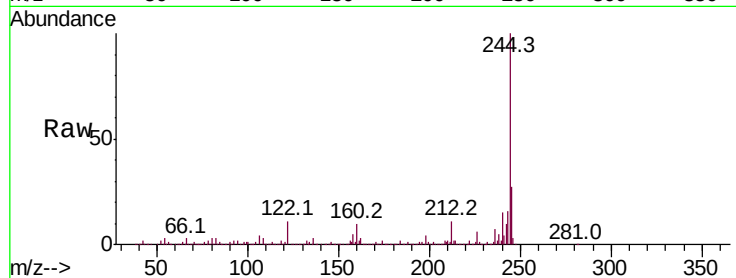
Tot Ion:244 Resp: 2127179

Ion Ratio Lower Upper

244 100

212 10.6 7.0 10.6#

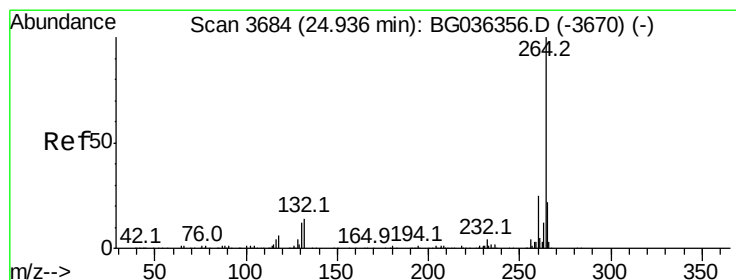
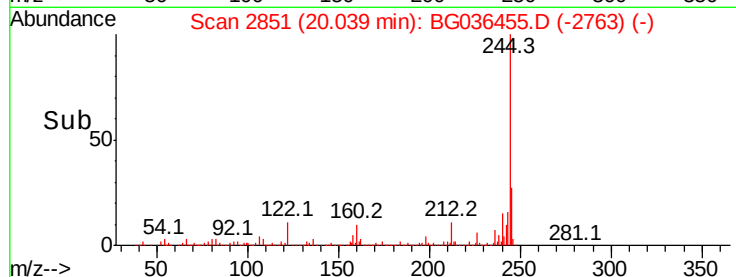
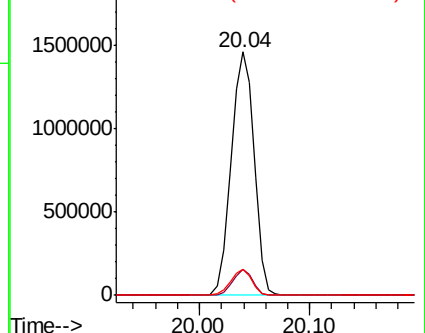
122 10.8 7.1 10.7#



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: BG036455.D

Acq: 28 Aug 2018 7:42

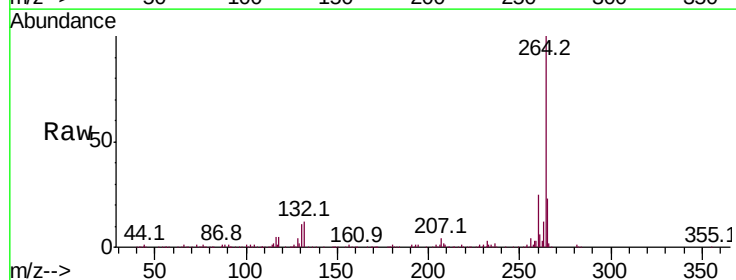
Tgt Ion:264 Resp: 532816

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 23.2 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

