

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036409.D
 Acq On : 24 Aug 2018 11:49
 Operator : JU/SJ
 Sample : J4568-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-D-S

Quant Time: Aug 24 13:40:38 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	52138	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	212718	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	141501	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	359940	20.00	ng	0.00
75) Chrysene-d12	21.70	240	407519	20.00	ng	-0.01
86) Perylene-d12	24.91	264	412088	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	150525	45.80	ng	0.00
7) Phenol-d6	7.21	99	131798	28.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	406591	103.71	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	179381	106.24	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	948318	95.69	ng	0.00
78) Terphenyl-d14	20.04	244	1524304	87.43	ng	-0.01

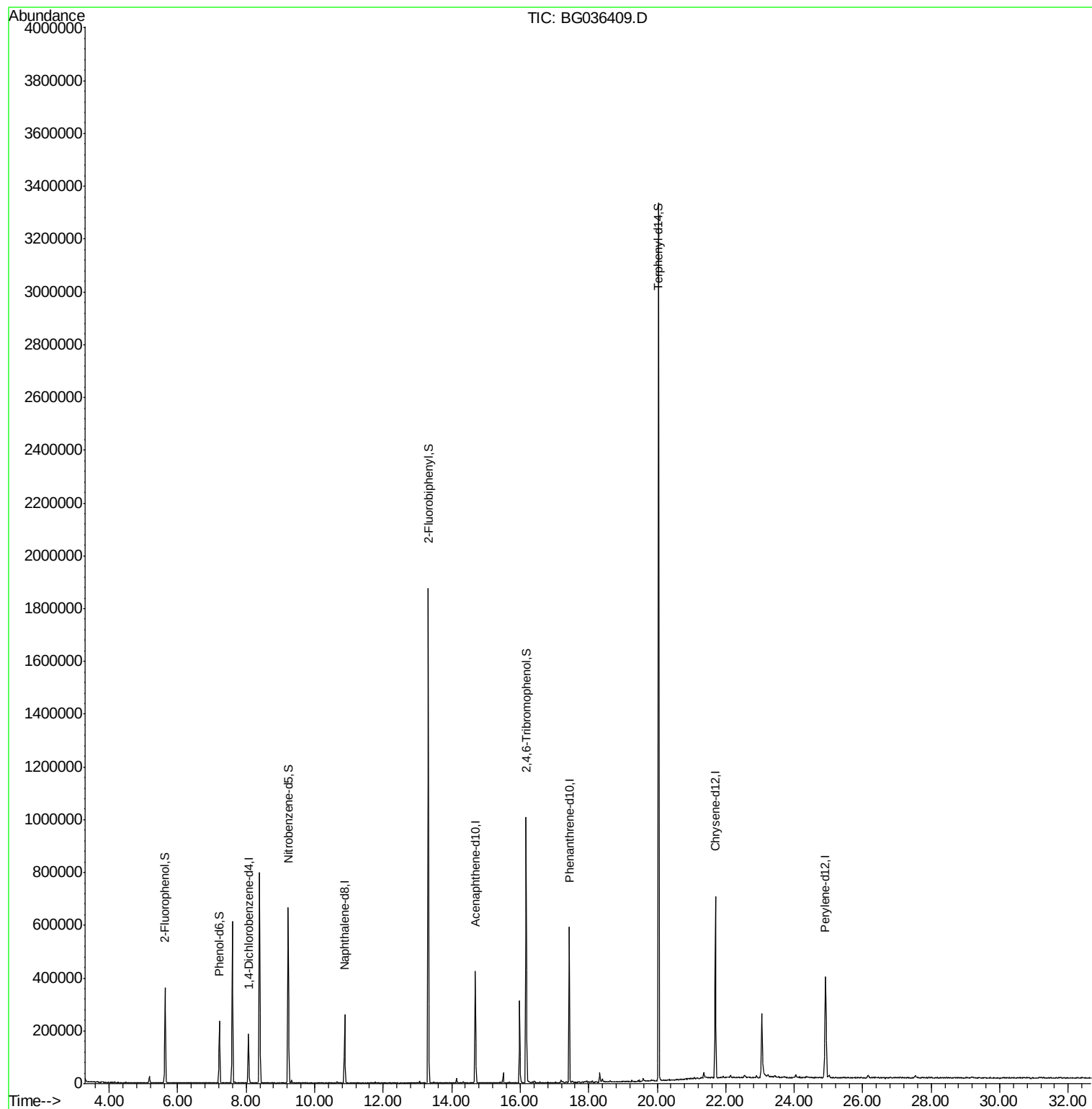
Target Compounds Qvalue

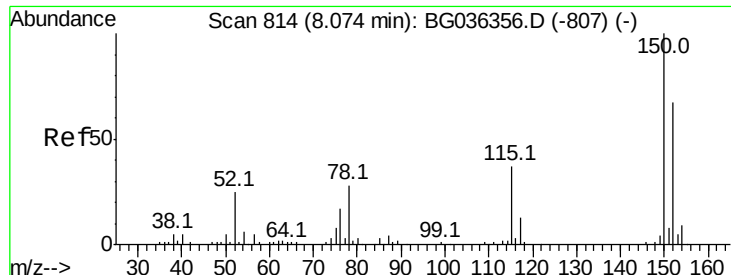
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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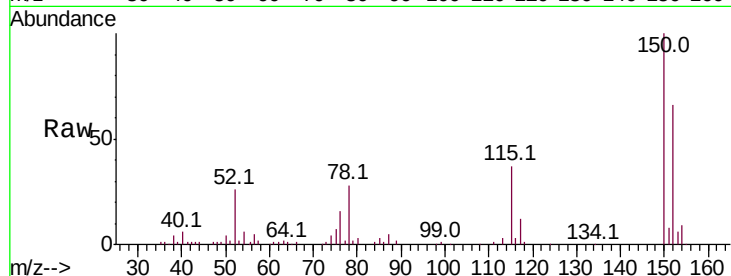


#1

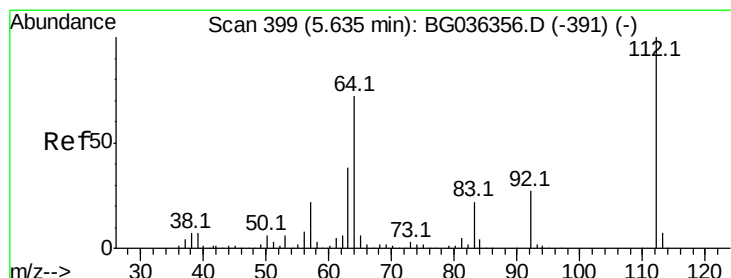
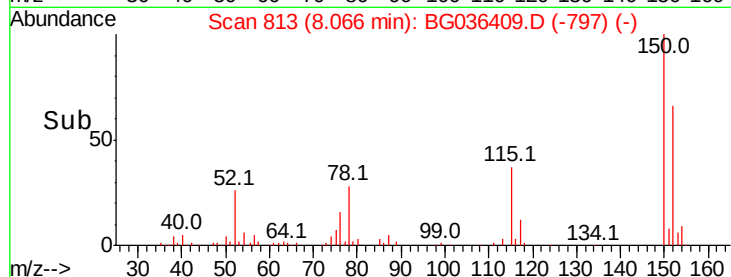
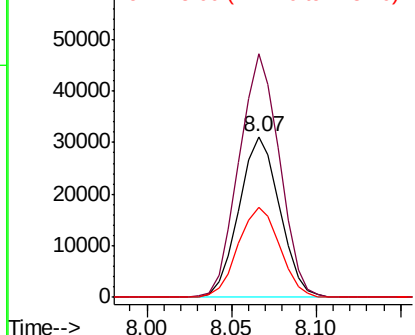
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036409.D
Acq: 24 Aug 2018 11:49

Instrument :
BNA_G
ClientSampleId :
081718-DBRI-E-D-S

Tot Ion:152 Resp: 52138
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 56.2 44.5 66.7



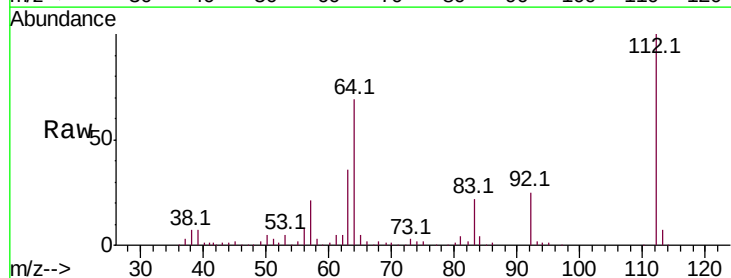
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



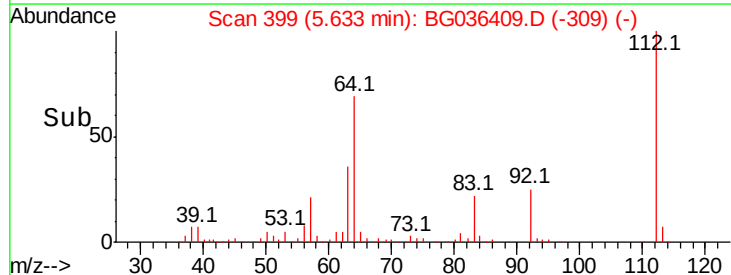
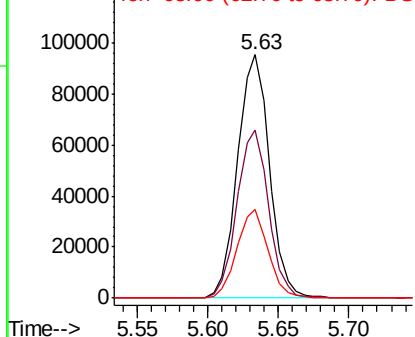
#5

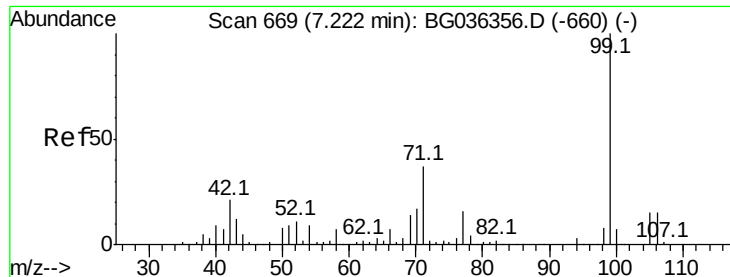
2-Fluorophenol
Concen: 45.797 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036409.D
Acq: 24 Aug 2018 11:49

Tgt Ion:112 Resp: 150525
Ion Ratio Lower Upper
112 100
64 69.3 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: 28.007 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036409.D

Acq: 24 Aug 2018 11:49

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-D-S

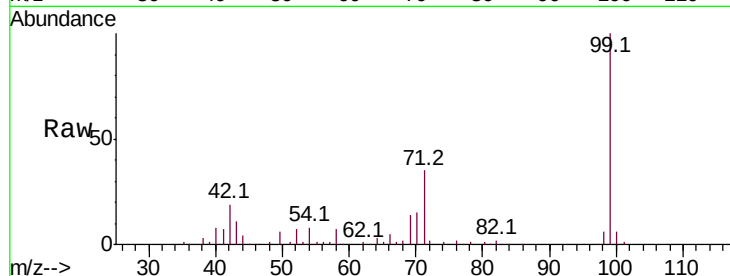
Tot Ion: 99 Resp: 131798

Ion Ratio Lower Upper

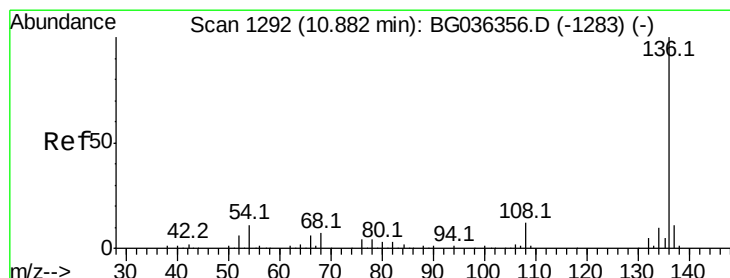
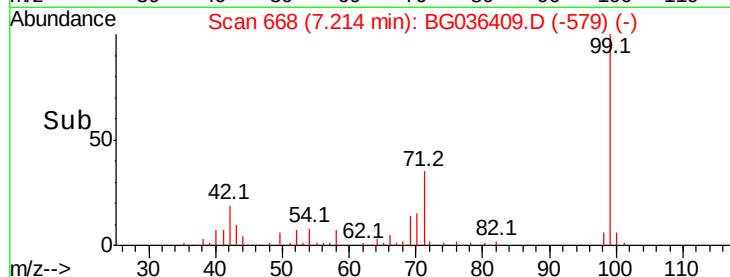
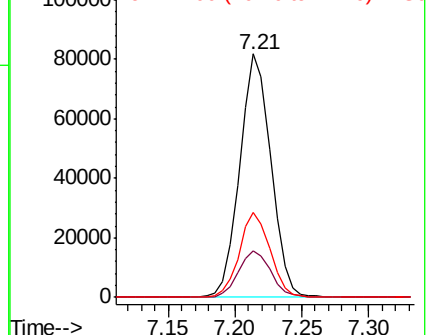
99 100

42 18.9 16.5 24.7

71 34.7 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# 1291

Delta R.T. -0.01 min

Lab File: BG036409.D

Acq: 24 Aug 2018 11:49

Tgt Ion: 136 Resp: 212718

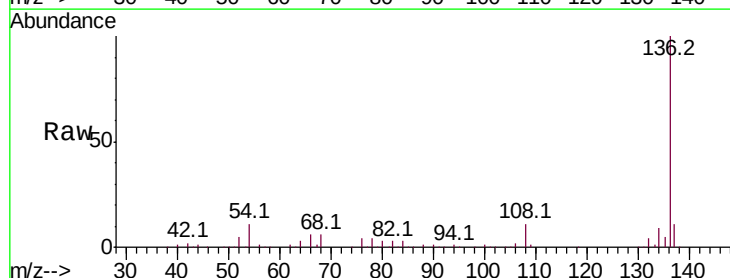
Ion Ratio Lower Upper

136 100

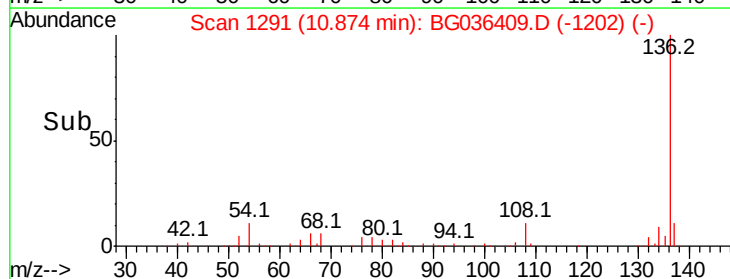
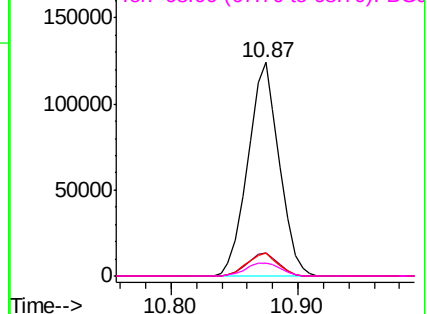
137 11.1 8.8 13.2

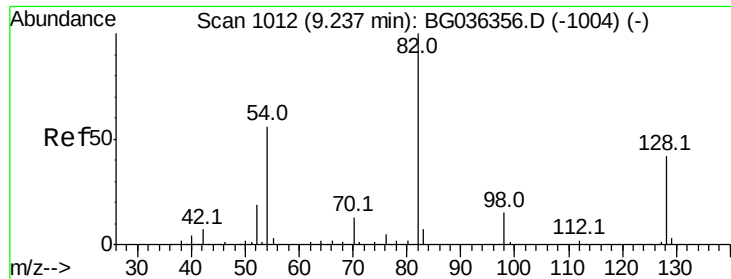
54 11.1 9.2 13.8

68 6.2 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

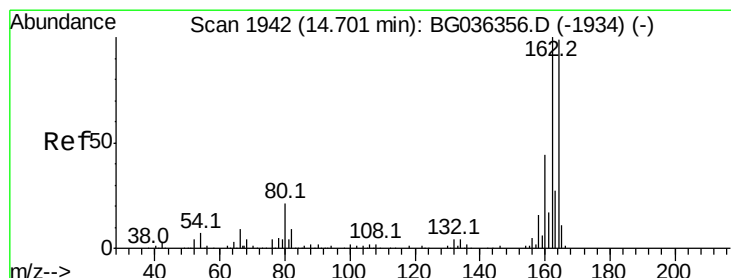
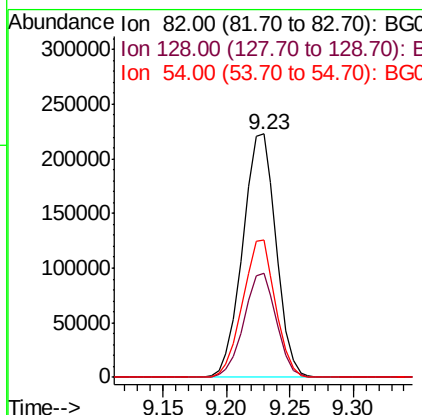
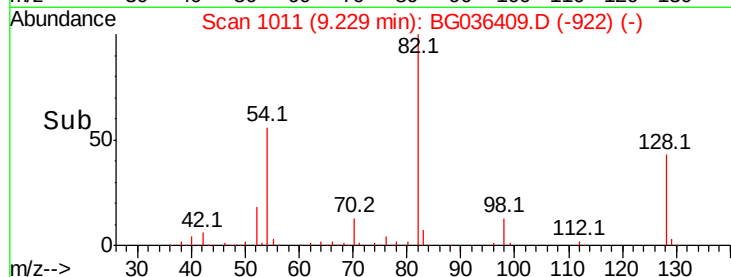
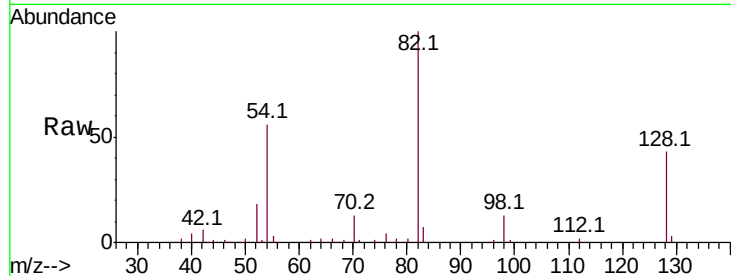




#23
 Nitrobenzene-d5
 Concen: 103.707 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036409.D
 Acq: 24 Aug 2018 11:49

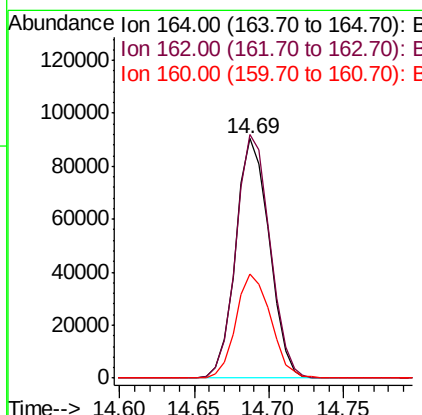
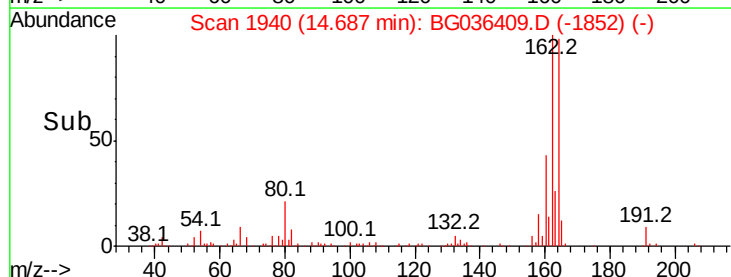
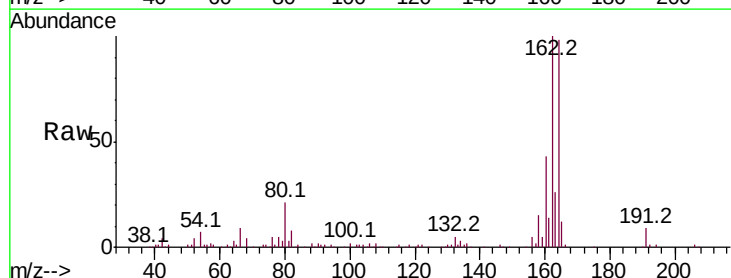
Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-D-S

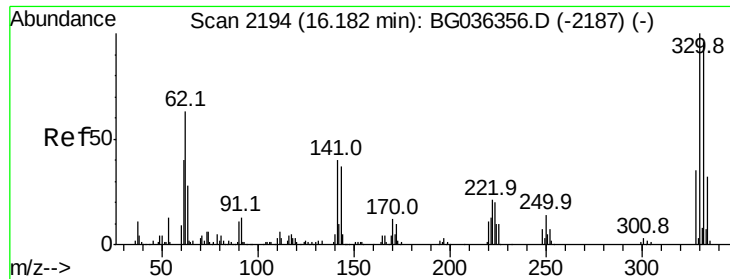
Tot Ion:	82	Resp:	406591
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	56.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036409.D
 Acq: 24 Aug 2018 11:49

Tgt Ion:	164	Resp:	141501
Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.7	121.1
160	43.7	35.3	52.9

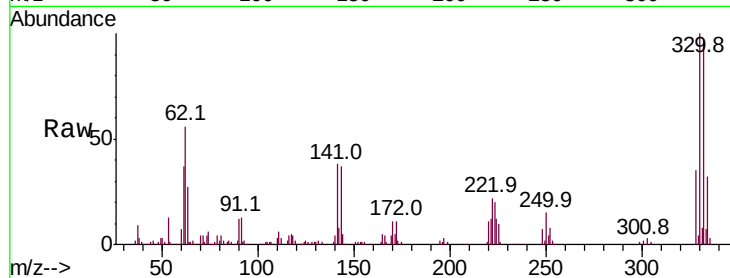




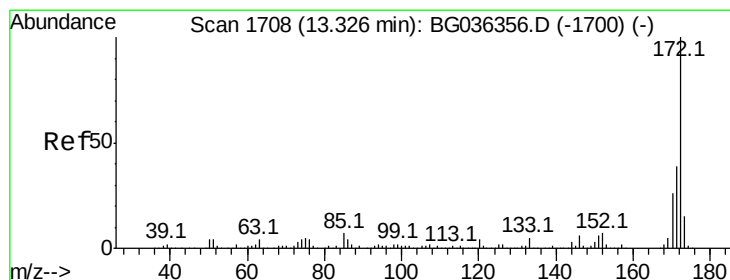
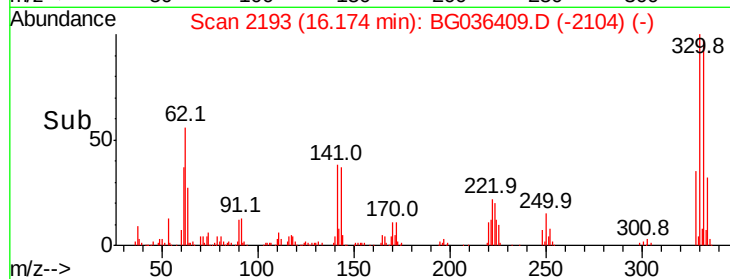
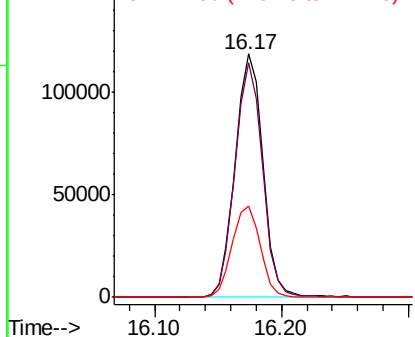
#41
 2,4,6-Tribromophenol
 Concen: 106.242 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036409.D
 Acq: 24 Aug 2018 11:49

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	38.3	30.7	46.1

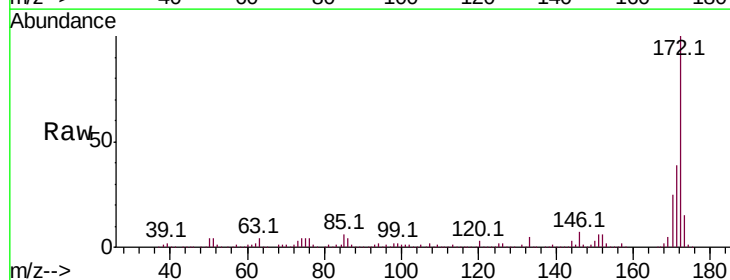


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

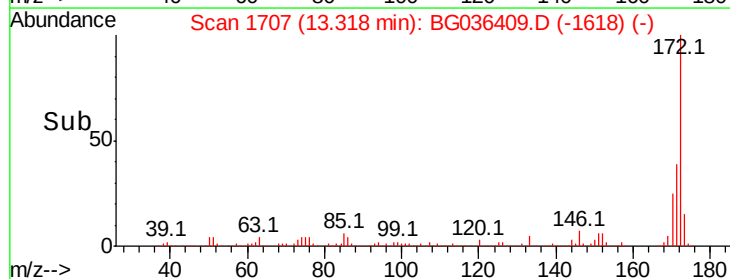
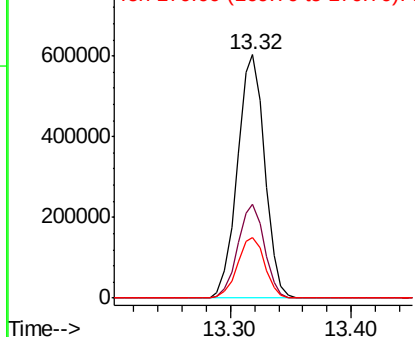


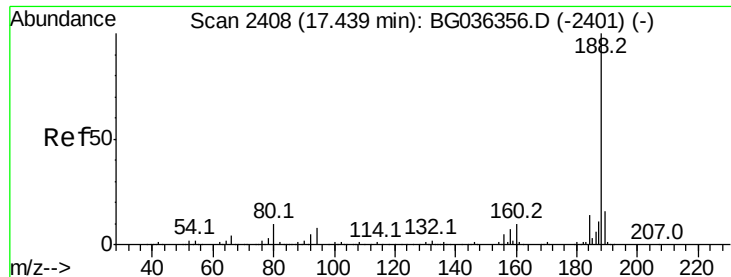
#44
 2-Fluorobiphenyl
 Concen: 95.690 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036409.D
 Acq: 24 Aug 2018 11:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.1	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

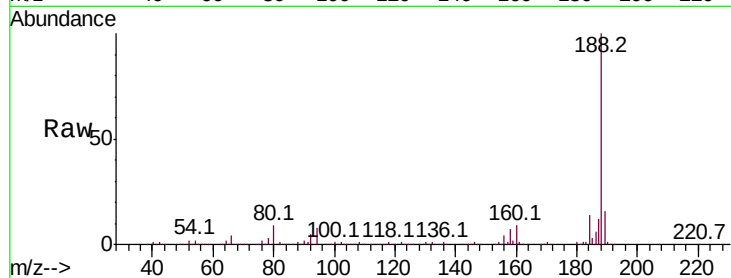




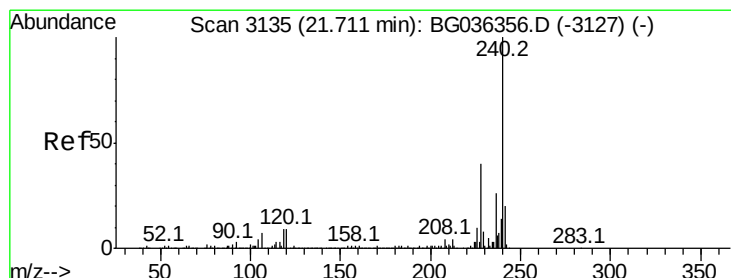
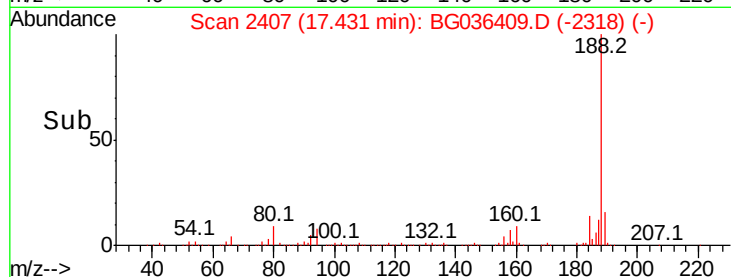
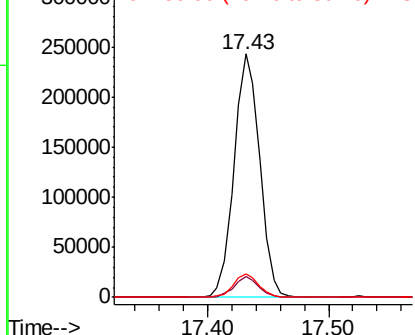
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036409.D
Acq: 24 Aug 2018 11:49

Instrument :
BNA_G
ClientSampleId :
081718-DBRI-E-D-S

Tot Ion:188 Resp: 359940
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.5 8.1 12.1

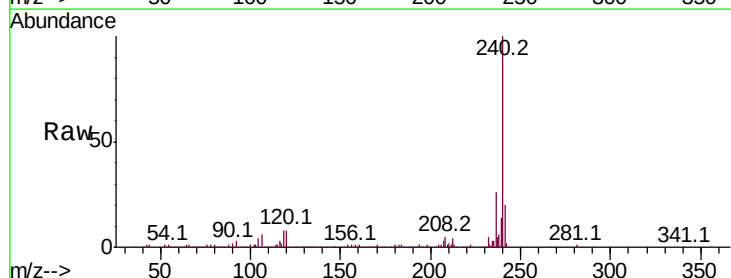


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

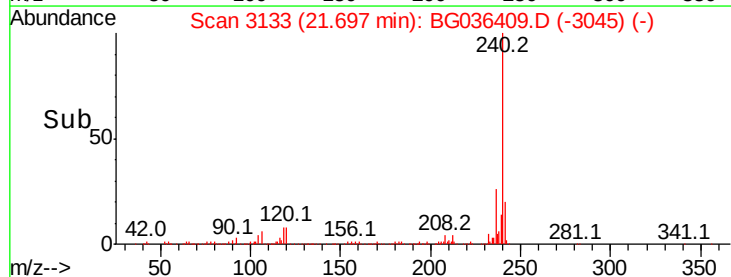
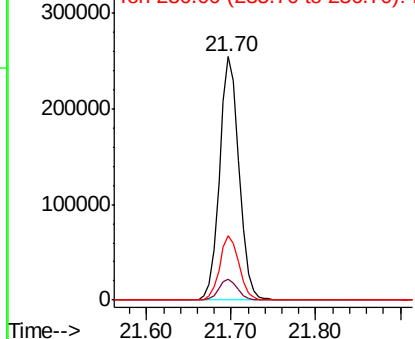


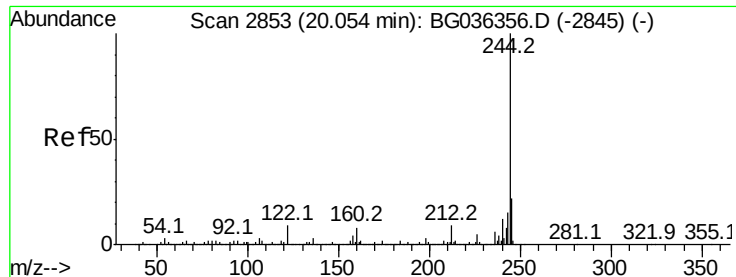
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036409.D
Acq: 24 Aug 2018 11:49

Tgt Ion:240 Resp: 407519
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.3 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: 87.427 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036409.D

Acq: 24 Aug 2018 11:49

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-D-S

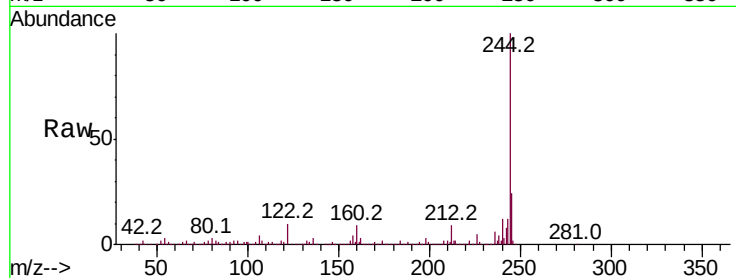
Tot Ion:244 Resp: 1524304

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.6	7.1	10.7

244 100

212 9.2 7.0 10.6

122 9.6 7.1 10.7

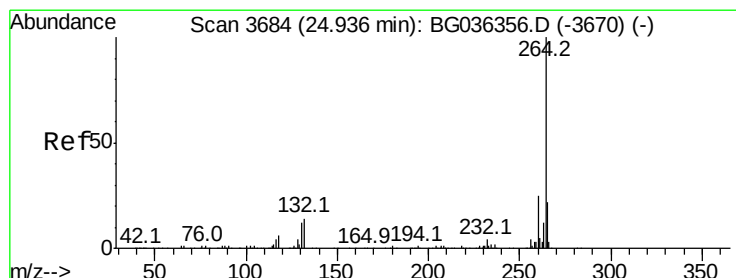
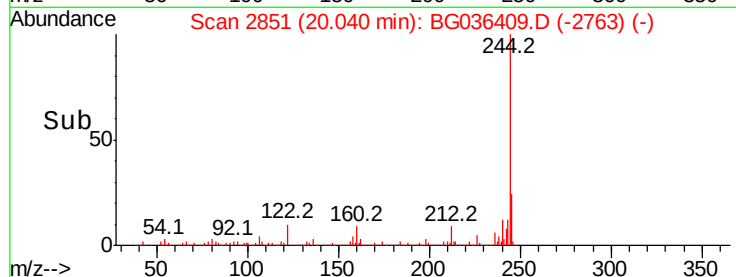
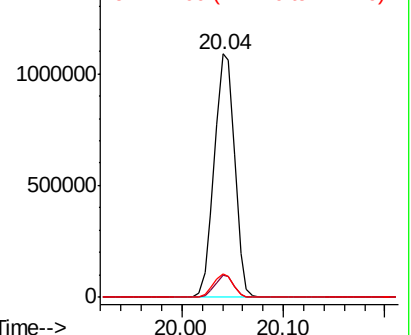


Abundance

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: BG036409.D

Acq: 24 Aug 2018 11:49

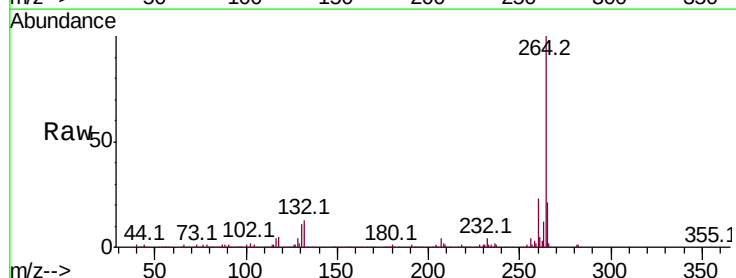
Tgt Ion:264 Resp: 412088

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.3	17.4	26.0

264 100

260 23.2 19.6 29.4

265 21.3 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

