

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036445.D
 Acq On : 28 Aug 2018 1:11
 Operator : JU/SJ
 Sample : J4270-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-082318

Quant Time: Aug 28 03:48:07 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	58044	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	245166	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	160317	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	410528	20.00	ng	0.00
75) Chrysene-d12	21.69	240	442832	20.00	ng	-0.02
86) Perylene-d12	24.91	264	423462	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	370253	101.19	ng	0.00
7) Phenol-d6	7.22	99	510060	97.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	357791	79.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	244082	127.60	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	852110	75.89	ng	-0.01
78) Terphenyl-d14	20.04	244	1493863	78.85	ng	-0.01

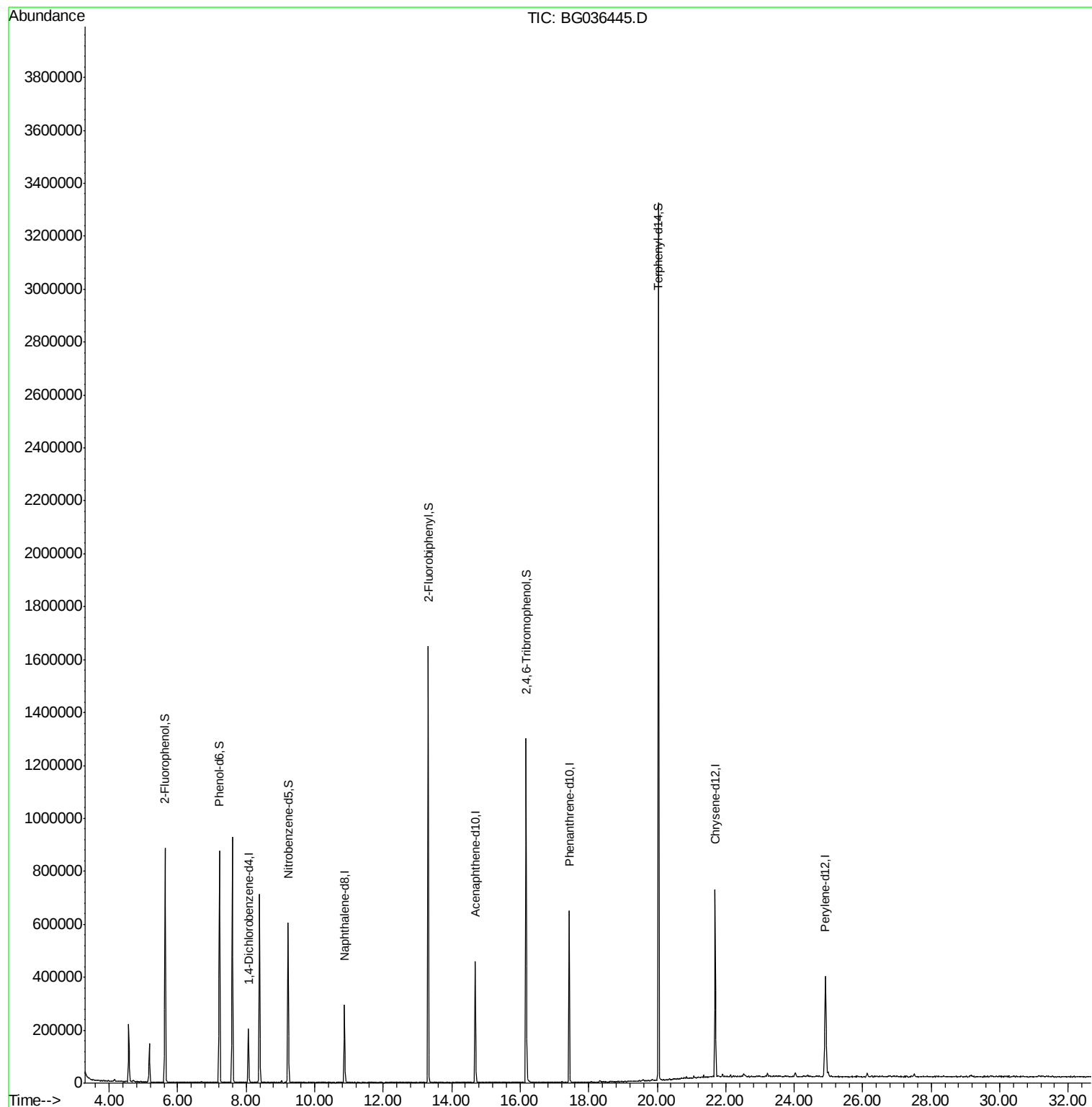
Target Compounds Qvalue

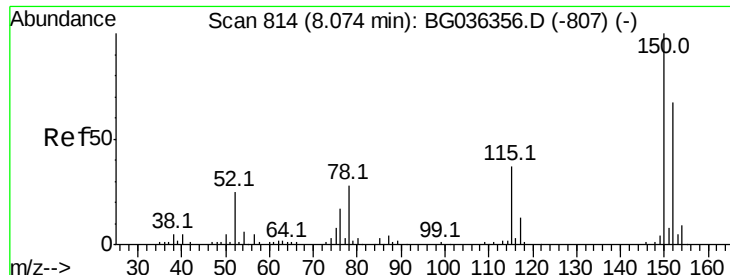
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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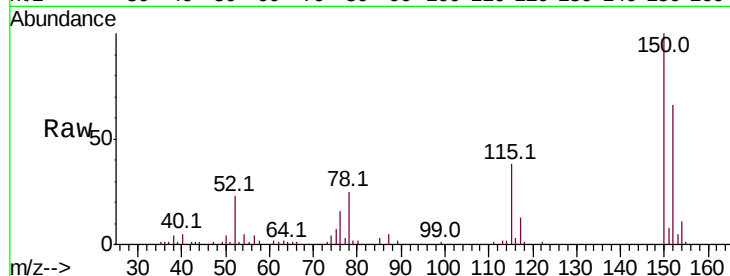


#1

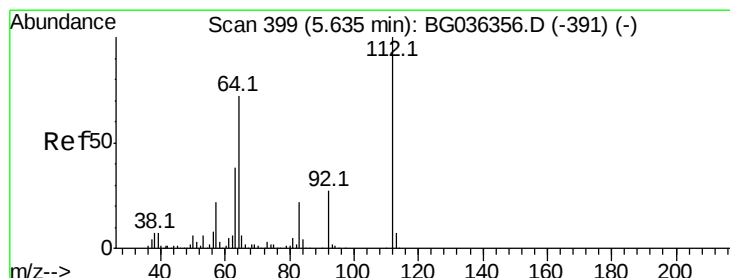
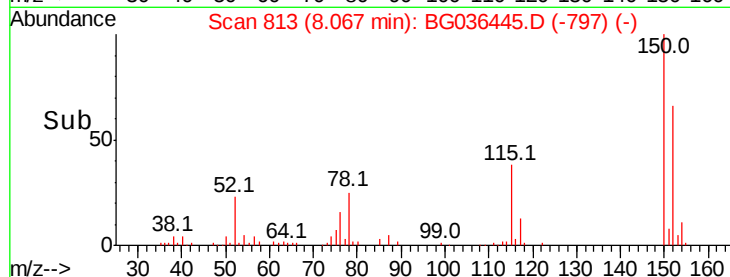
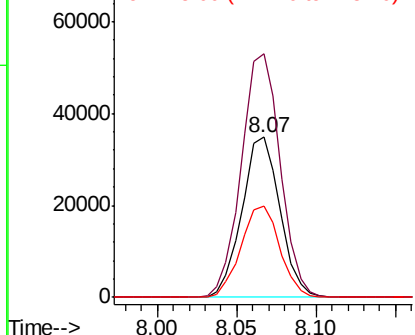
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Instrument :
BNA_G
ClientSampleId :
BU-01-082318

Tot Ion:152 Resp: 58044
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 57.3 44.5 66.7



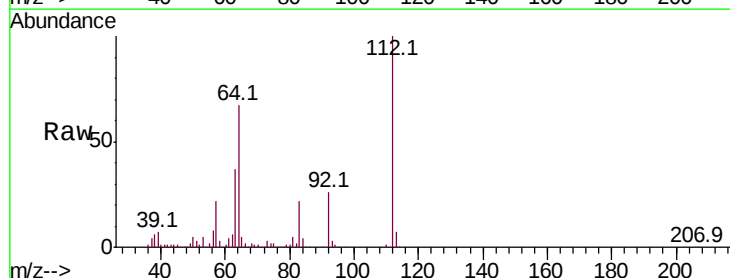
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



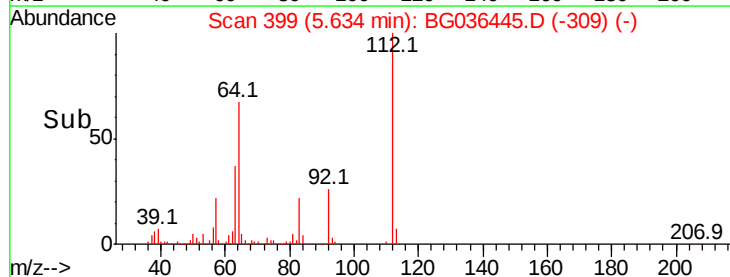
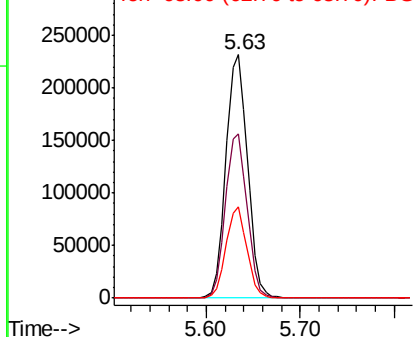
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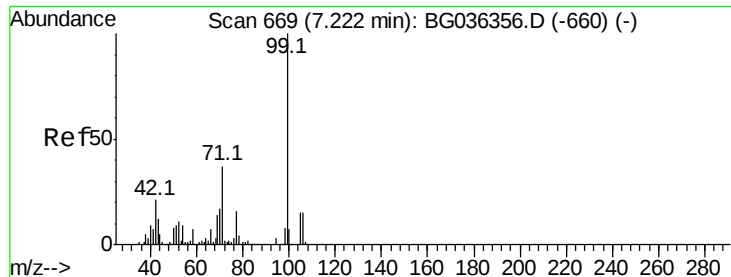
2-Fluorophenol
Concen: 101.187 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Tgt Ion:112 Resp: 370253
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 37.4 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: 97.360 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

Instrument :

BNA_G

ClientSampleId :

BU-01-082318

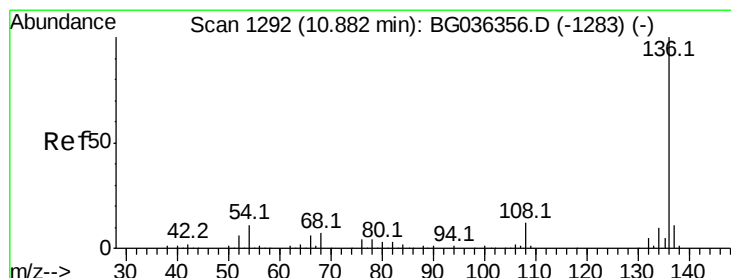
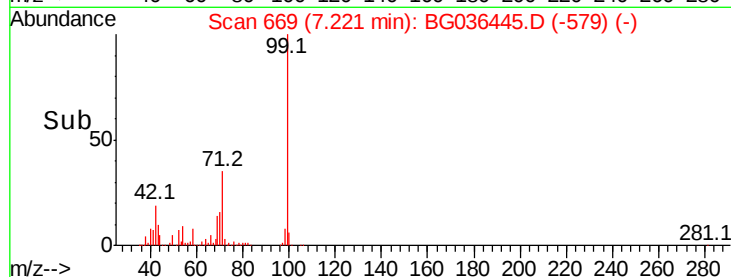
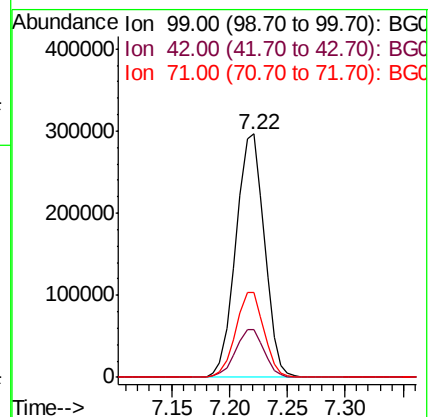
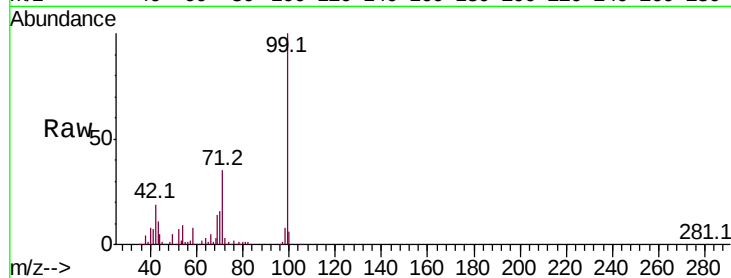
Tot Ion: 99 Resp: 510060

Ion Ratio Lower Upper

99 100

42 19.4 16.5 24.7

71 35.0 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

Tgt Ion: 136 Resp: 245166

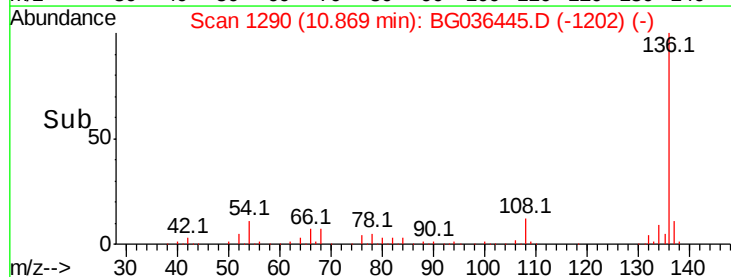
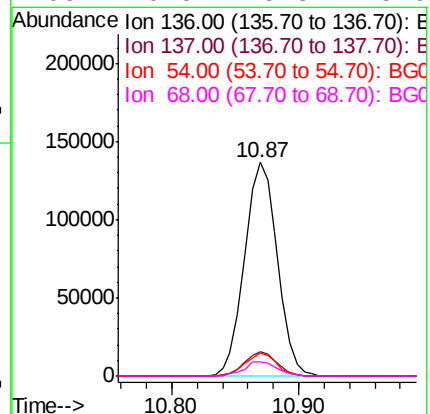
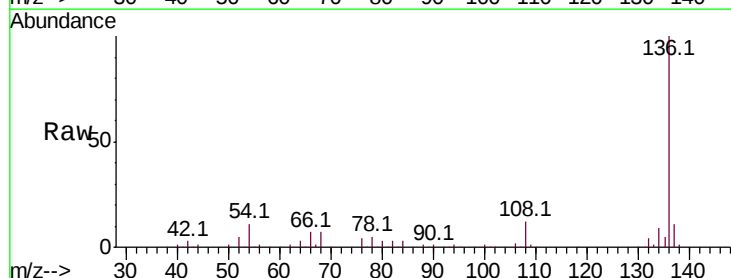
Ion Ratio Lower Upper

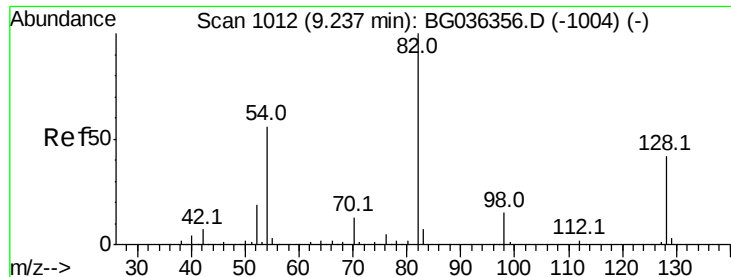
136 100

137 11.4 8.8 13.2

54 11.0 9.2 13.8

68 6.8 5.8 8.6

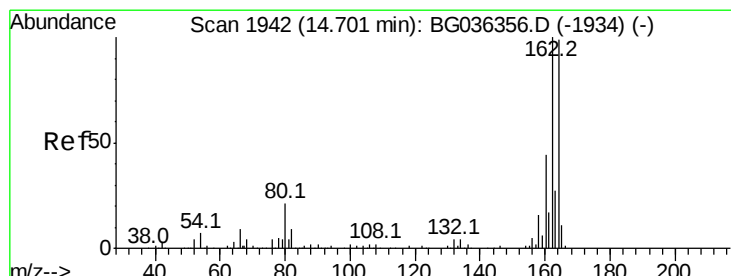
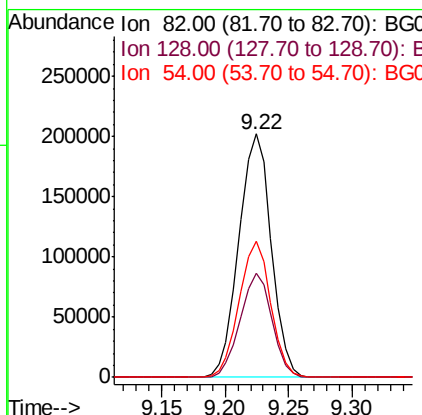
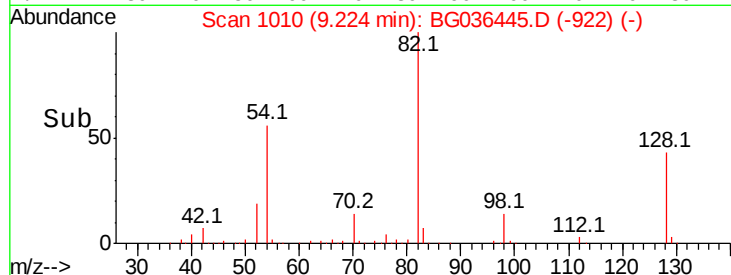
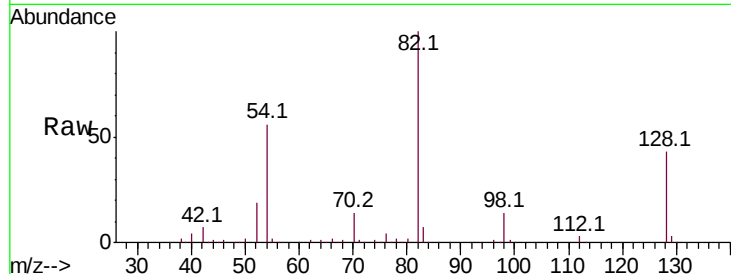




#23
 Nitrobenzene-d5
 Concen: 79.181 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036445.D
 Acq: 28 Aug 2018 1:11

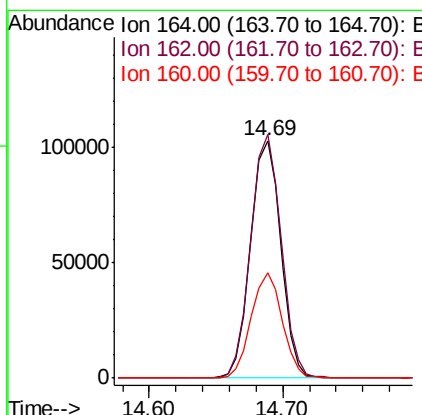
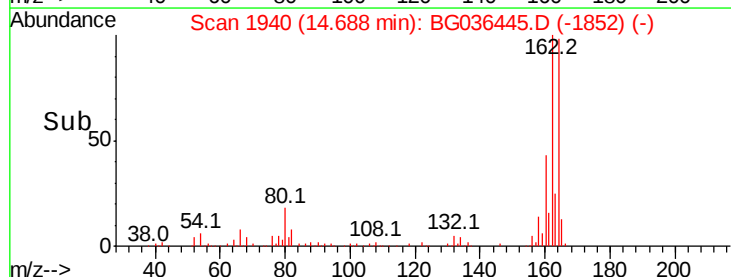
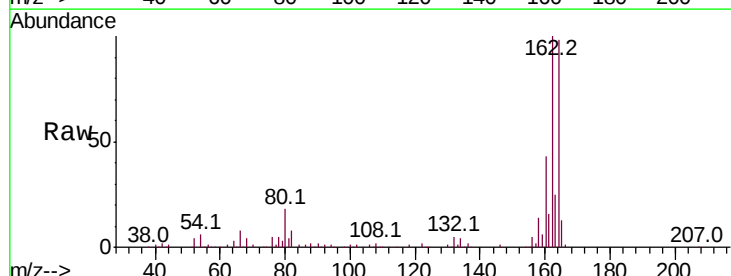
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-082318

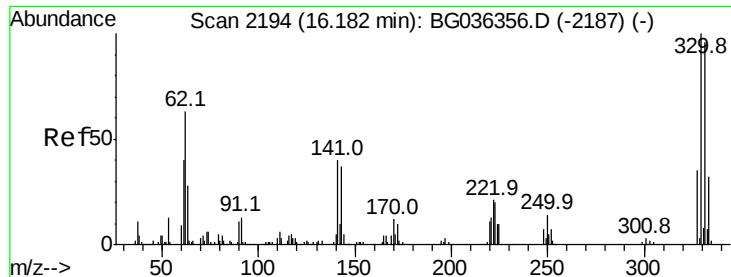
Tot Ion:	82	Resp:	357791
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	56.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036445.D
 Acq: 28 Aug 2018 1:11

Tgt Ion:	164	Resp:	160317
Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	44.3	35.3	52.9

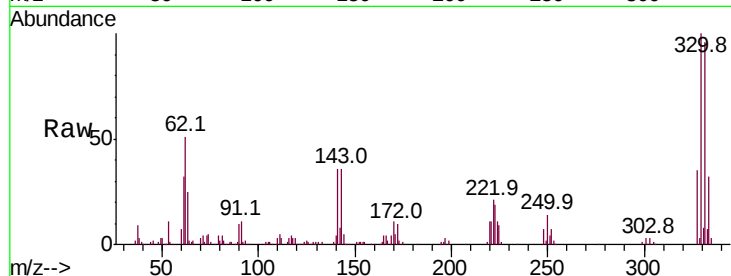




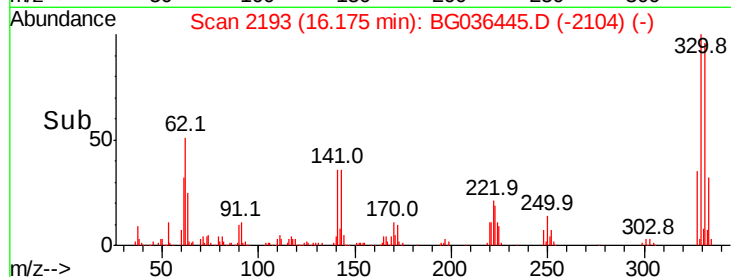
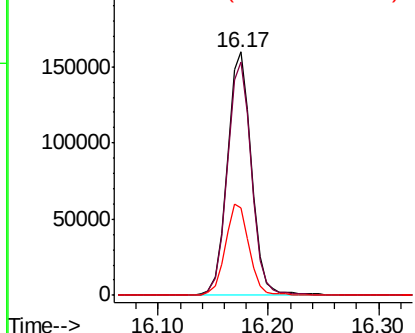
#41
 2,4,6-Tribromophenol
 Concen: 127.595 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036445.D
 Acq: 28 Aug 2018 1:11

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-082318

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	37.4	30.7	46.1

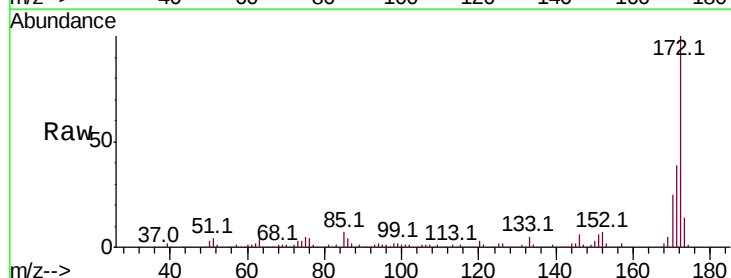


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

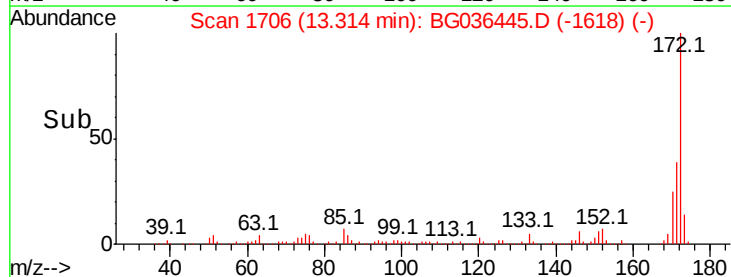
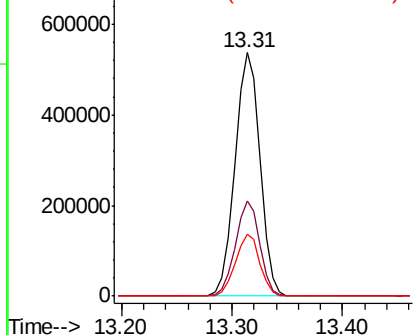


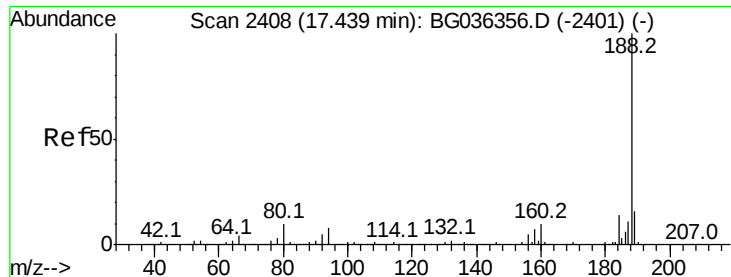
#44
 2-Fluorobiphenyl
 Concen: 75.891 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036445.D
 Acq: 28 Aug 2018 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	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

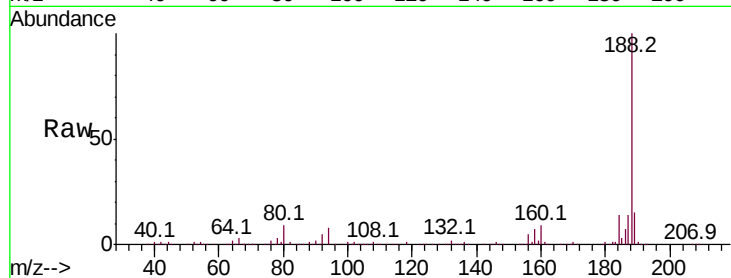




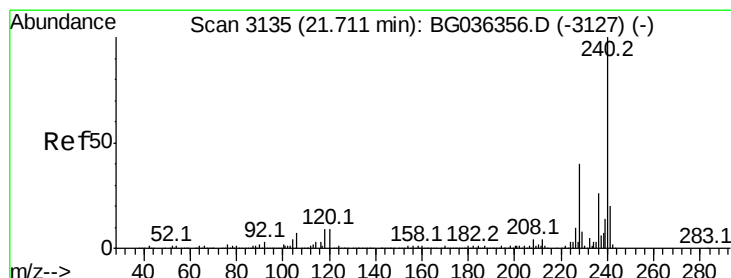
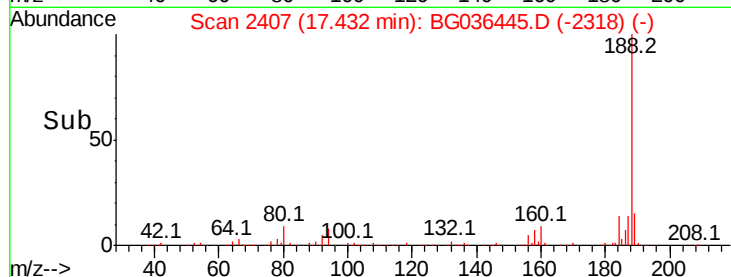
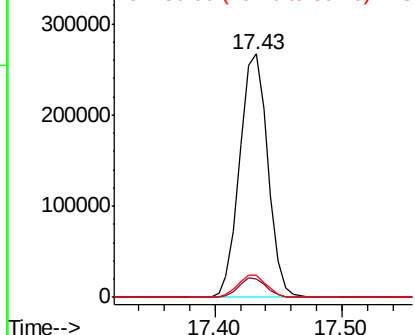
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Instrument :
BNA_G
ClientSampleId :
BU-01-082318

Tot Ion:188 Resp: 410528
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.0 8.1 12.1

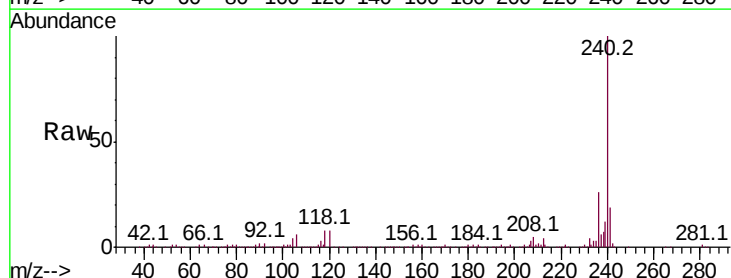


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

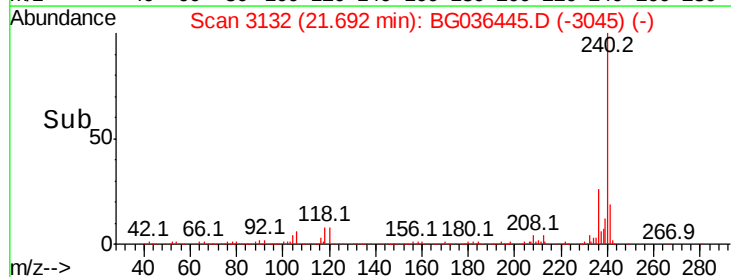
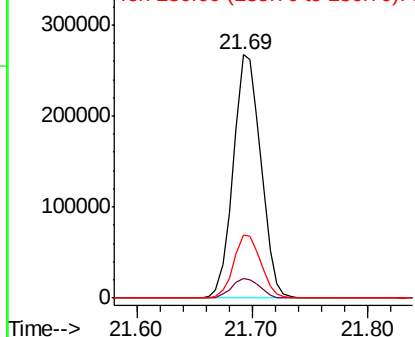


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Tgt Ion:240 Resp: 442832
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.1 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: 78.849 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

Instrument :

BNA_G

ClientSampled :

BU-01-082318

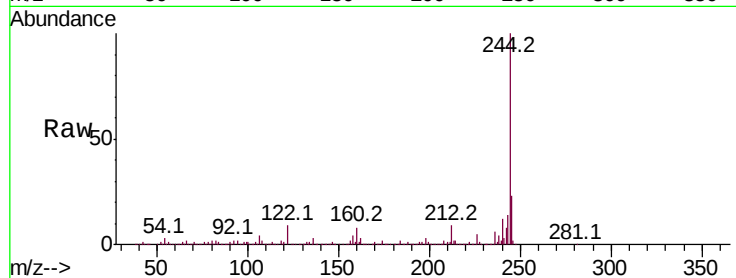
Tot Ion:244 Resp: 1493863

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.9 7.0 10.6

122 9.1 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

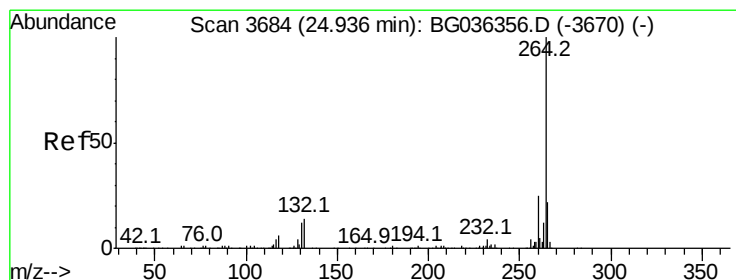
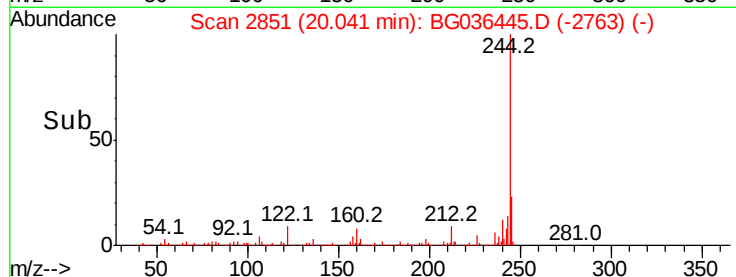
20.04

1000000

500000

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Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

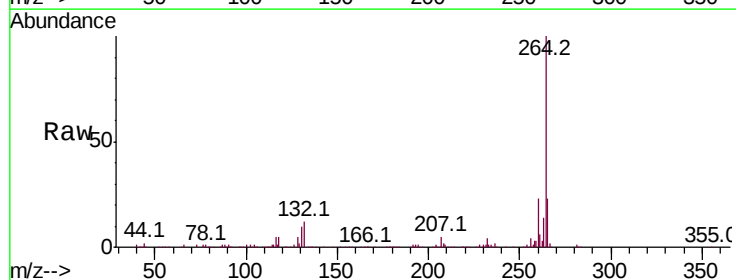
Tgt Ion:264 Resp: 423462

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.7	17.4	26.0

264 100

260 23.1 19.6 29.4

265 22.7 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

24.91

200000

150000

100000

50000

0

Time-->

