

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036446.D
 Acq On : 28 Aug 2018 1:50
 Operator : JU/SJ
 Sample : J4273-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-082318

Quant Time: Aug 28 03:49:39 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	59262	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246823	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	161163	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	407135	20.00	ng	0.00
75) Chrysene-d12	21.70	240	451918	20.00	ng	-0.01
86) Perylene-d12	24.92	264	450252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	369107	98.80	ng	0.00
7) Phenol-d6	7.21	99	459103	85.83	ng	0.00
23) Nitrobenzene-d5	9.22	82	373555	82.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	224044	116.51	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	883321	78.26	ng	-0.01
78) Terphenyl-d14	20.04	244	1577234	81.58	ng	-0.01

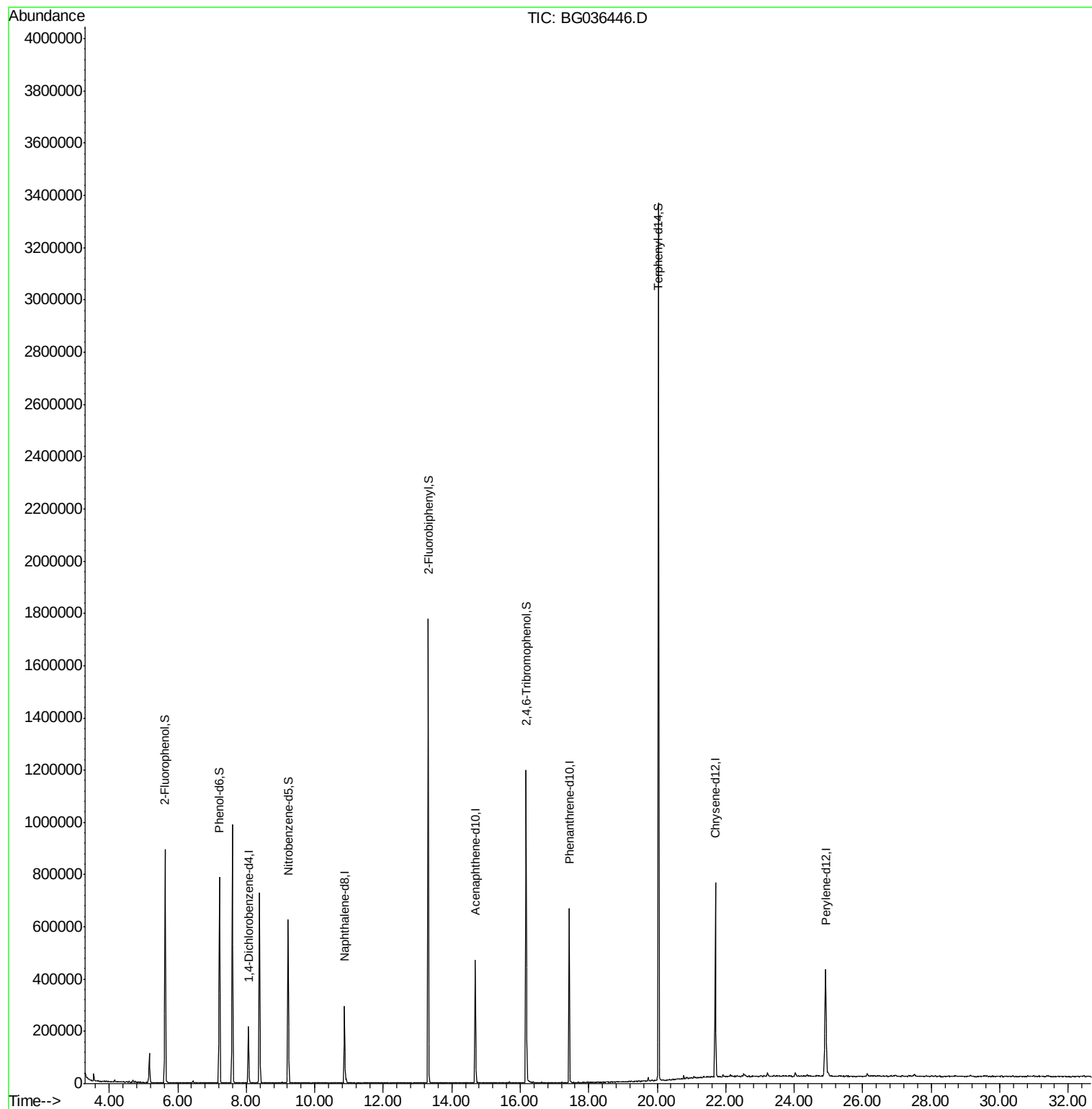
Target Compounds Qvalue

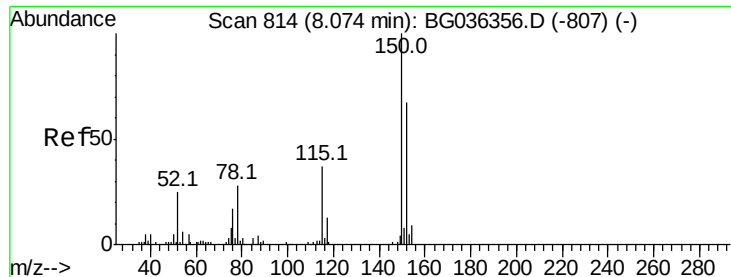
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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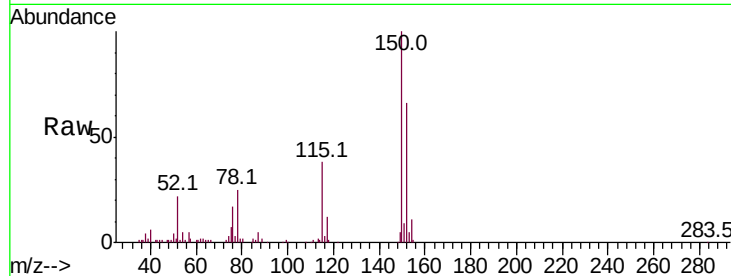


#1

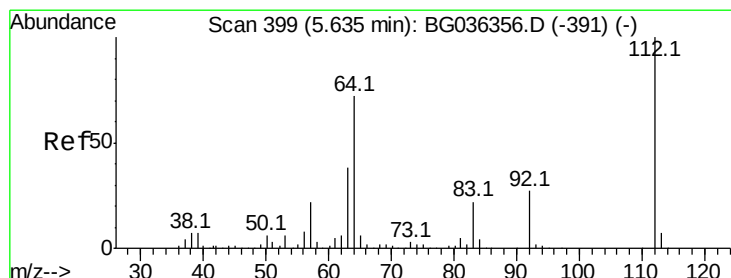
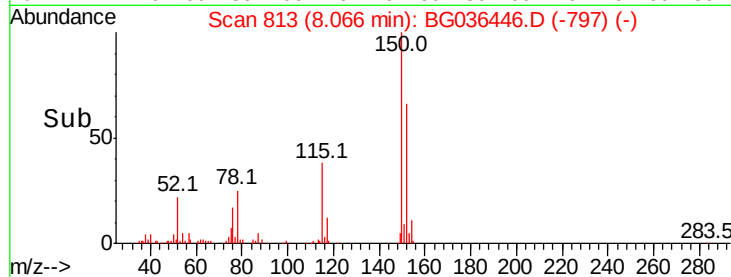
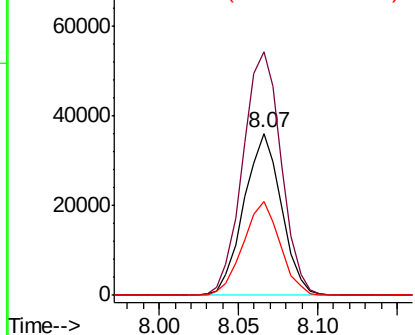
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Instrument :
BNA_G
ClientSampleId :
NB-07-082318

Tot Ion:152 Resp: 59262
Ion Ratio Lower Upper
152 100
150 150.5 119.5 179.3
115 57.8 44.5 66.7



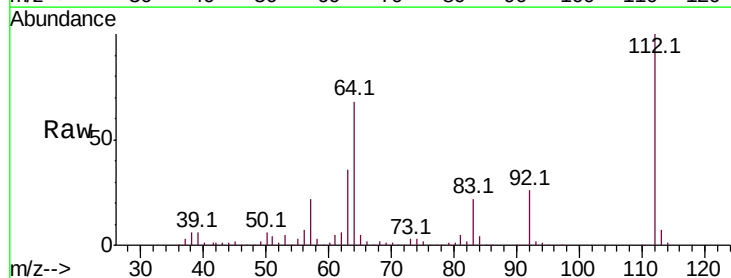
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



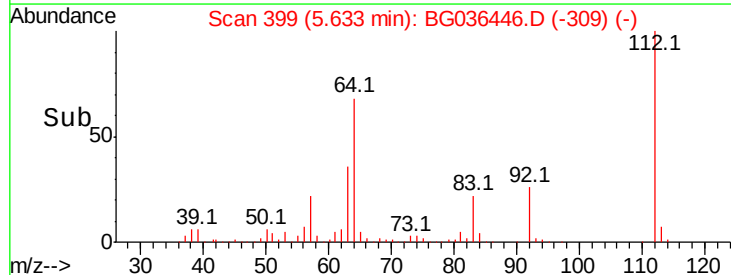
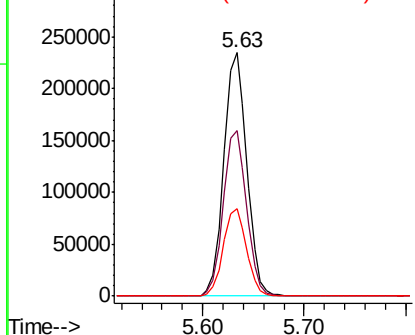
#5

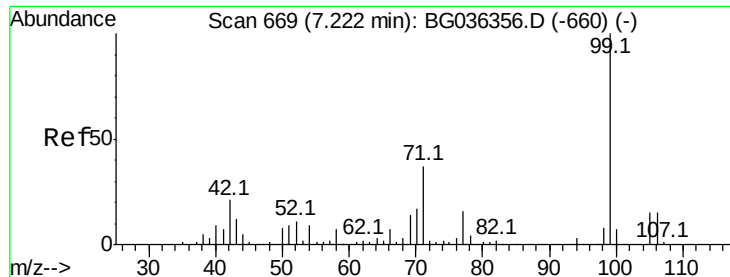
2-Fluorophenol
Concen: 98.801 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Tgt Ion:112 Resp: 369107
Ion Ratio Lower Upper
112 100
64 67.9 57.2 85.8
63 35.8 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: 85.832 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

Instrument :

BNA_G

ClientSampleId :

NB-07-082318

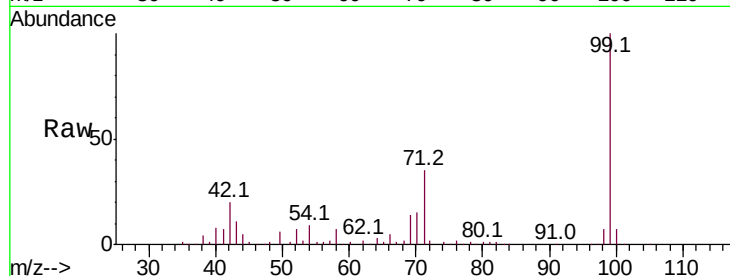
Tot Ion: 99 Resp: 459103

Ion Ratio Lower Upper

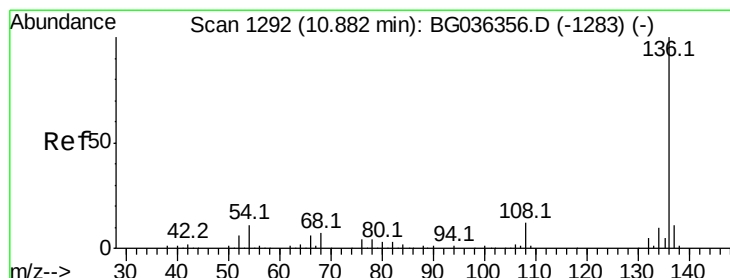
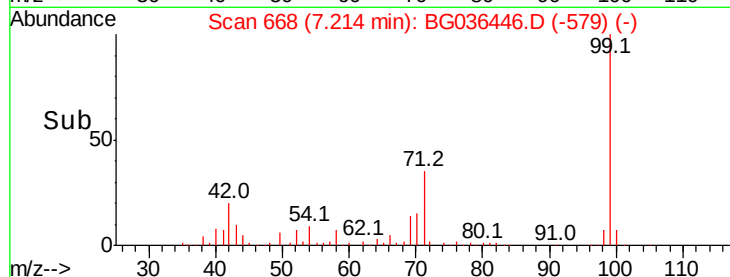
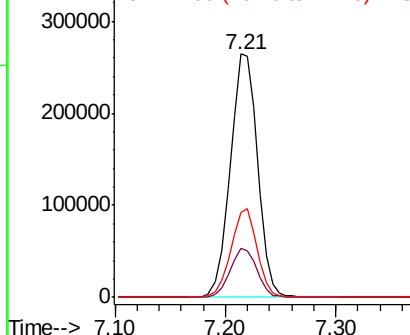
99 100

42 19.9 16.5 24.7

71 34.9 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: BG036446.D

Acq: 28 Aug 2018 1:50

Tgt Ion: 136 Resp: 246823

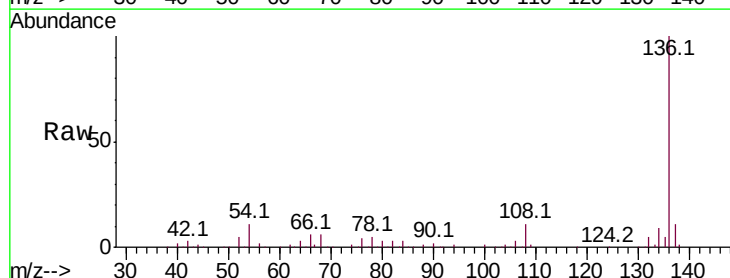
Ion Ratio Lower Upper

136 100

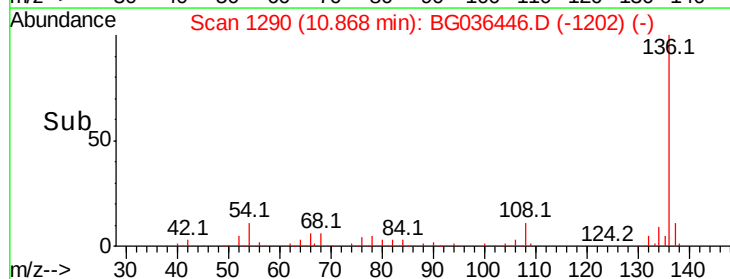
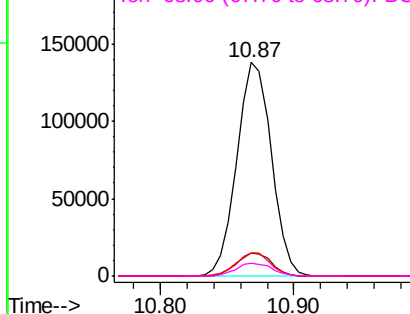
137 11.0 8.8 13.2

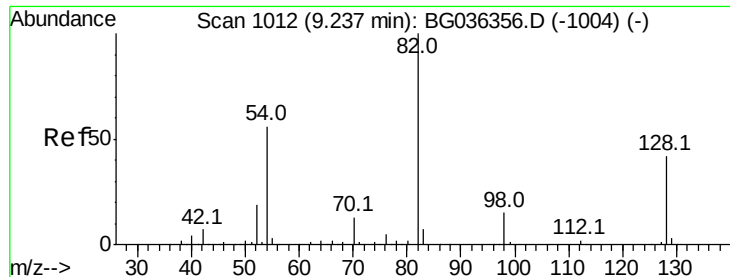
54 10.7 9.2 13.8

68 6.3 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

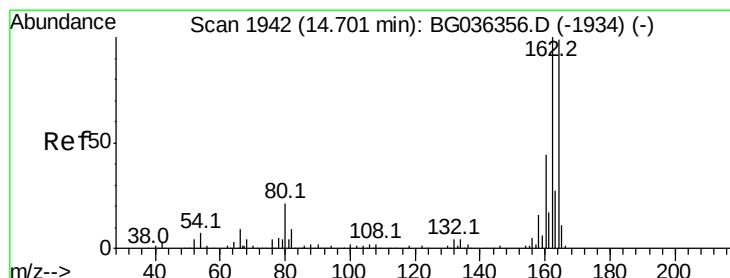
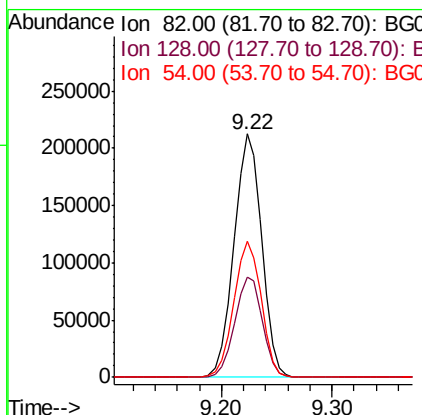
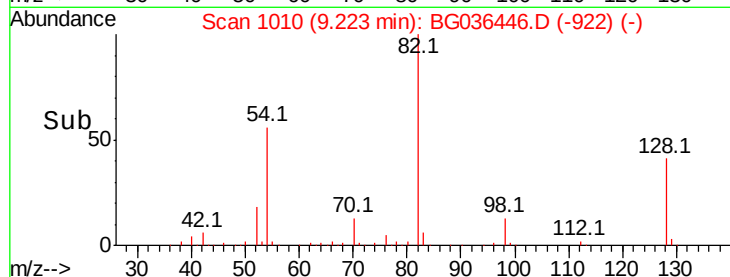
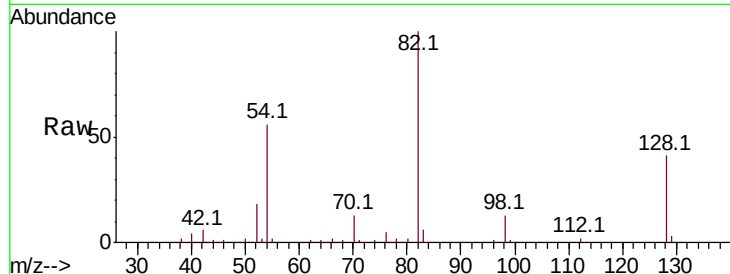




#23
Nitrobenzene-d5
Concen: 82.115 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

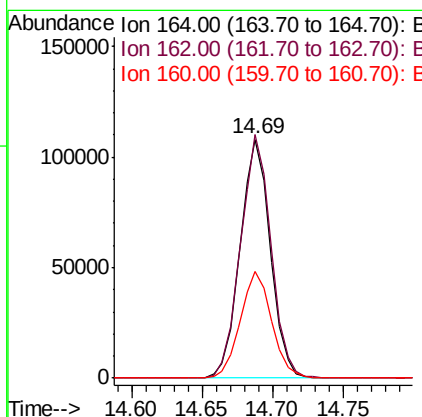
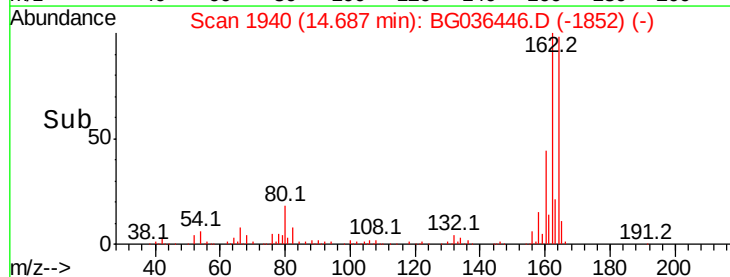
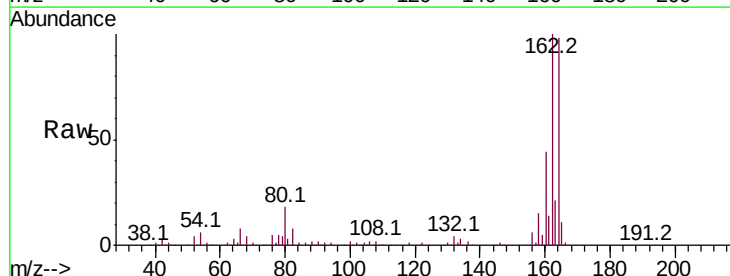
Instrument :
BNA_G
ClientSampleId :
NB-07-082318

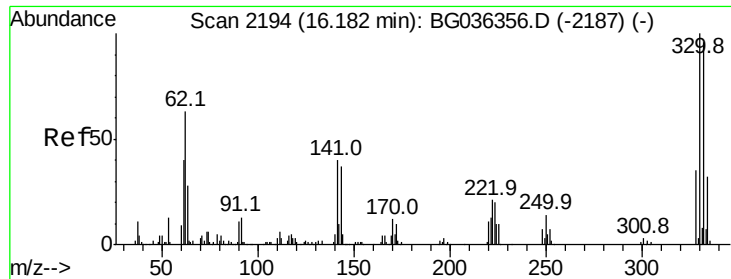
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	56.2	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	44.5	35.3	52.9

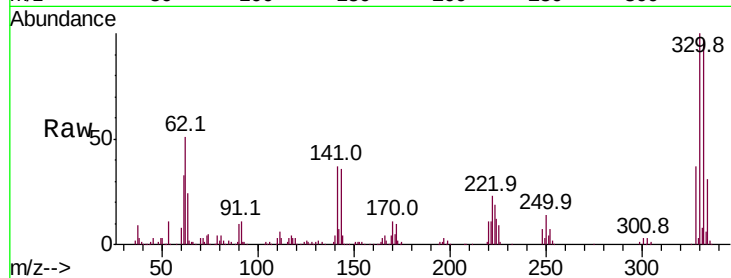




#41
 2,4,6-Tribromophenol
 Concen: 116.505 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036446.D
 Acq: 28 Aug 2018 1:50

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-082318

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	37.8	30.7	46.1

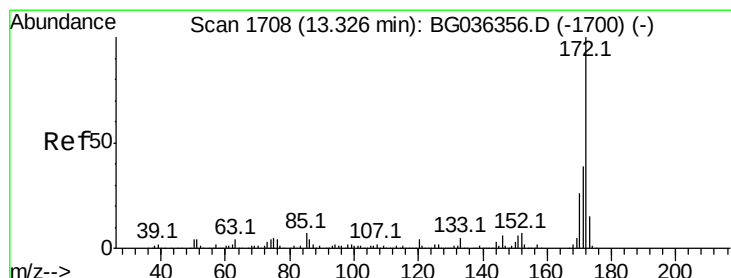
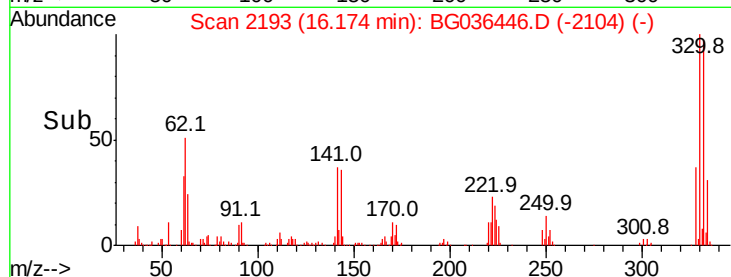
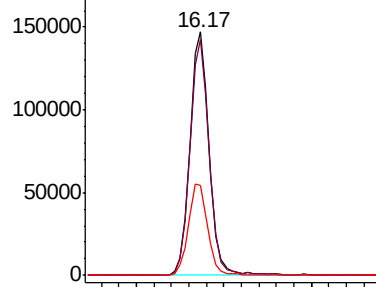


Abundance

Ion 329.80 (329.50 to 330.50): E

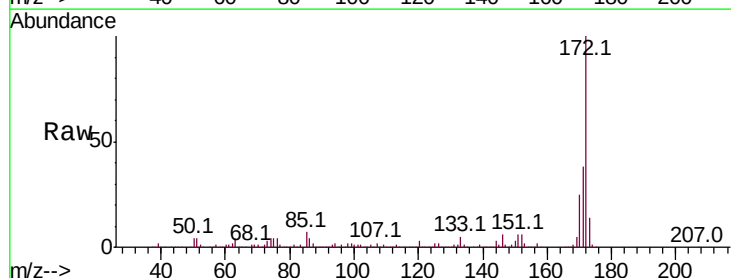
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.258 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036446.D
 Acq: 28 Aug 2018 1:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.4	21.0	31.6

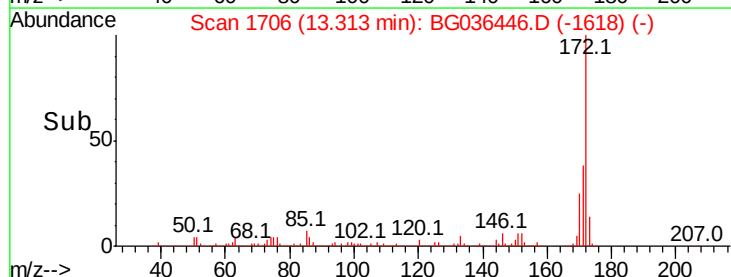
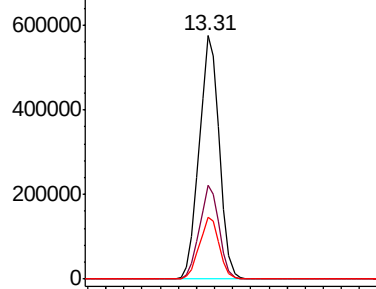


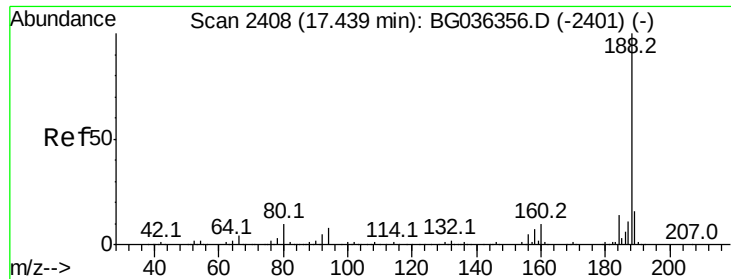
Abundance

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

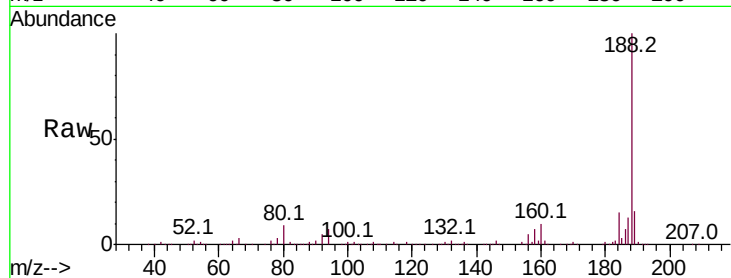




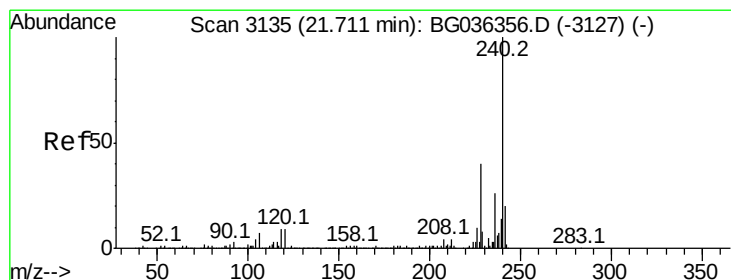
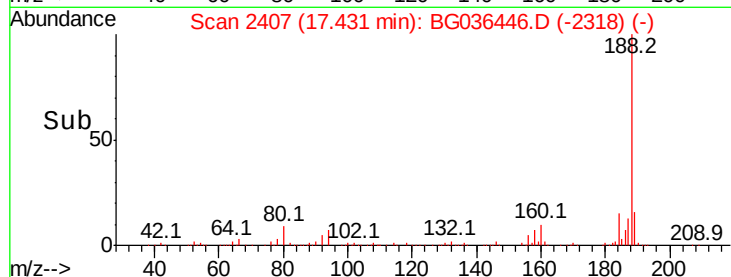
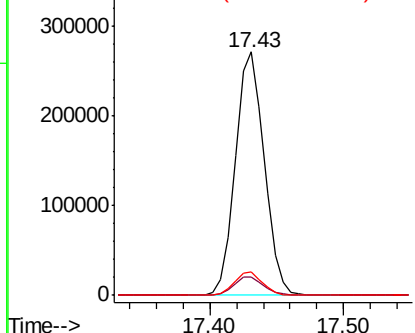
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Instrument :
BNA_G
ClientSampleId :
NB-07-082318

Tot Ion:188 Resp: 407135
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.4 8.1 12.1

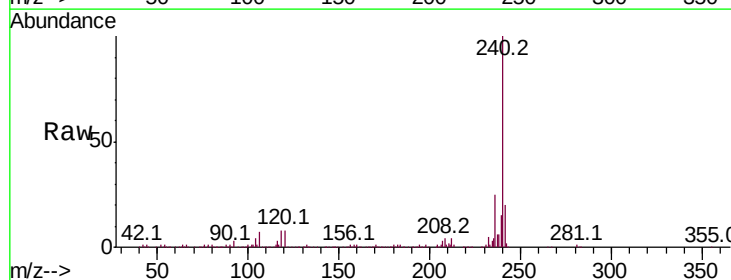


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

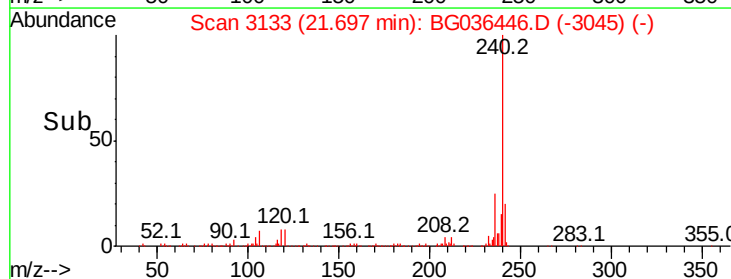
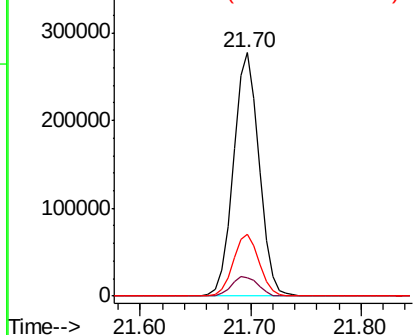


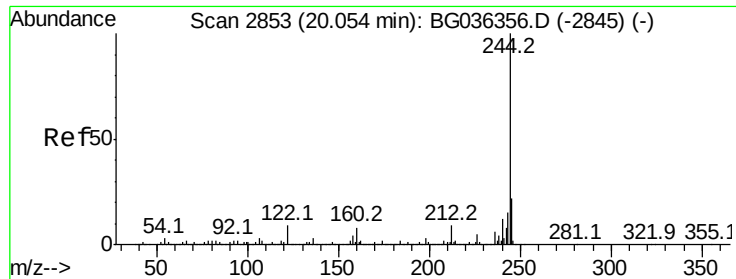
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036446.D
Acq: 28 Aug 2018 1:50

Tgt Ion:240 Resp: 451918
Ion Ratio Lower Upper
240 100
120 7.6 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: 81.575 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

Instrument :

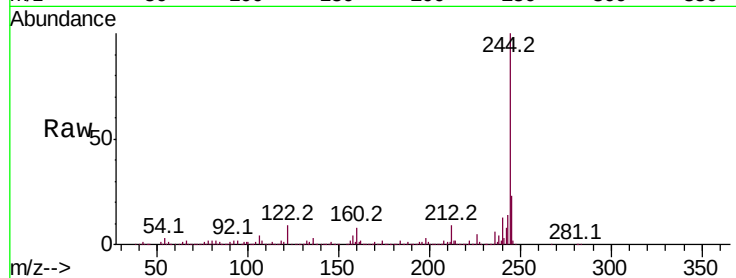
BNA_G

ClientSampleId :

NB-07-082318

Tot Ion:244 Resp: 1577234

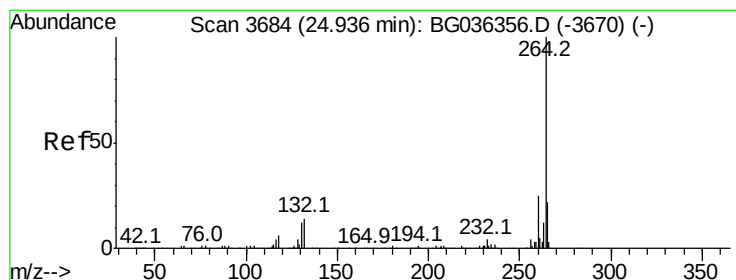
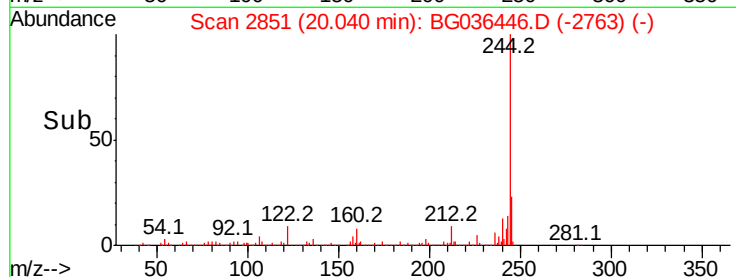
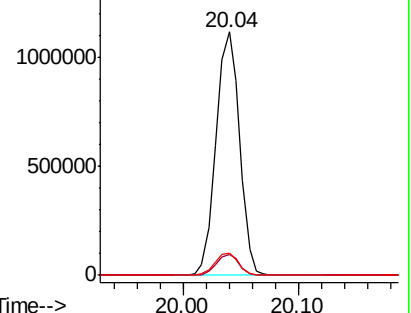
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.3	7.1	10.7



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: 24.92 min Scan# 3681

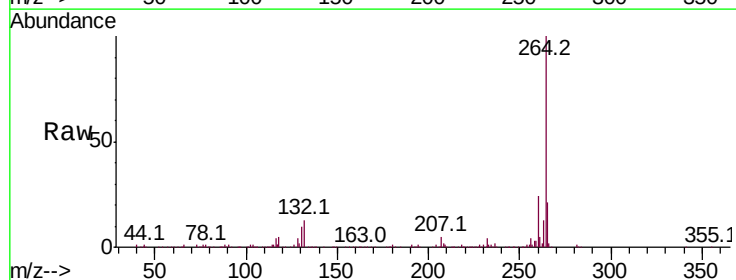
Delta R.T. -0.02 min

Lab File: BG036446.D

Acq: 28 Aug 2018 1:50

Tgt Ion:264 Resp: 450252

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.2	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

