

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036527.D
 Acq On : 4 Sep 2018 11:59
 Operator : JU/SJ
 Sample : J4692-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-SOUTH-21ST

Quant Time: Sep 04 14:04:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

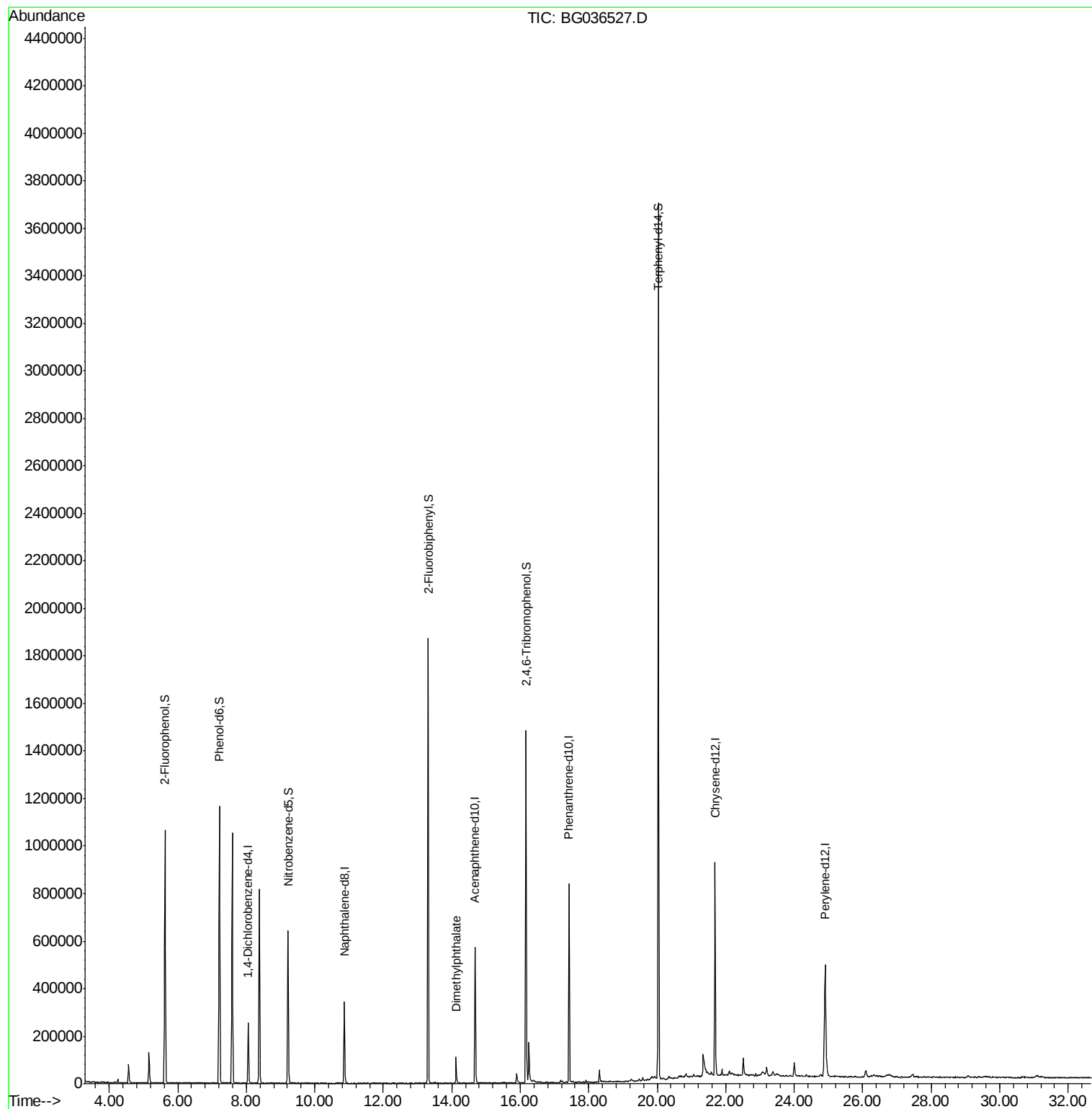
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71895	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	300167	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	204421	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	521484	20.00	ng	0.00
75) Chrysene-d12	21.69	240	536001	20.00	ng	0.00
86) Perylene-d12	24.90	264	544369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	448467	98.95	ng	0.00
7) Phenol-d6	7.21	99	662286	102.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	390774	70.63	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	268291	109.99	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1001584	69.96	ng	0.00
78) Terphenyl-d14	20.03	244	1672315	72.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	72890	4.367	ng	Qvalue 99

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

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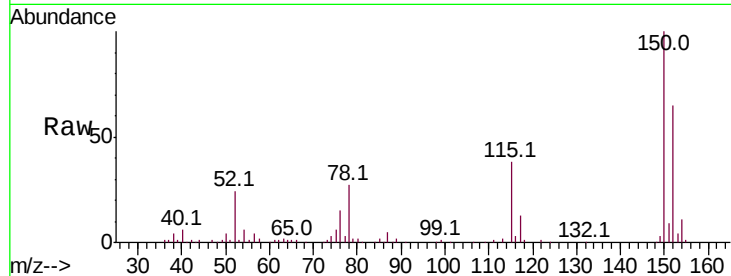


#1

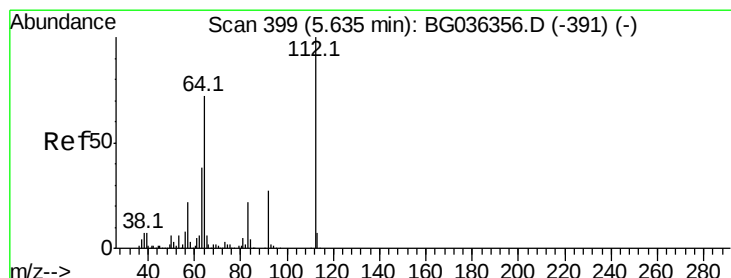
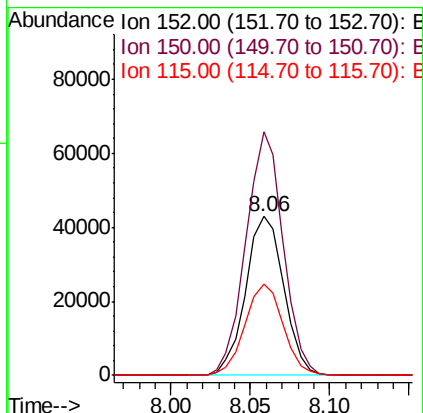
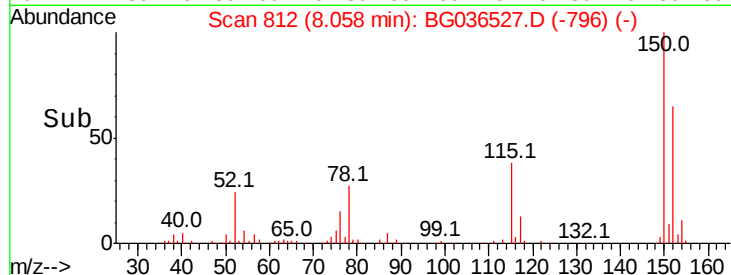
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Instrument :
BNA_G
ClientSampleId :
NB-SOUTH-21ST

Tot Ion:152 Resp: 71895
Ion Ratio Lower Upper
152 100
150 153.5 119.5 179.3
115 57.9 44.5 66.7



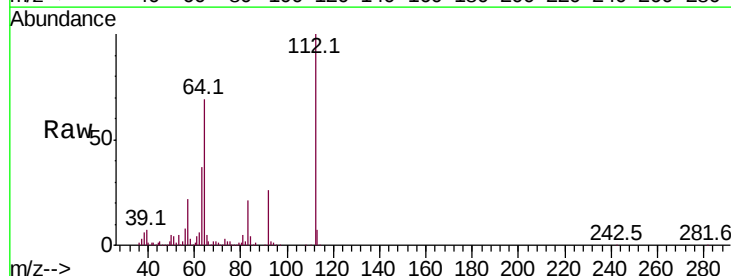
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



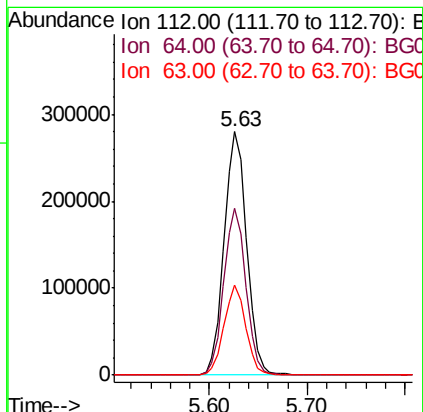
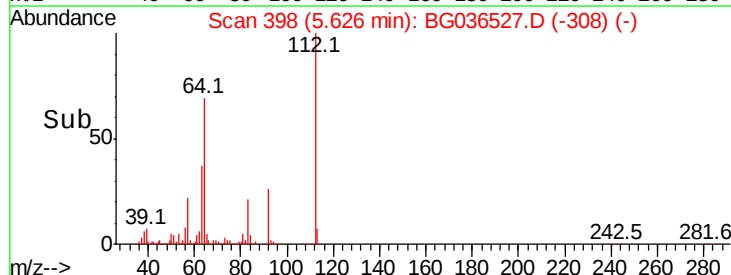
#5

2-Fluorophenol
Concen: 98.950 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Tgt Ion:112 Resp: 448467
Ion Ratio Lower Upper
112 100
64 68.6 57.2 85.8
63 37.0 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: 102.062 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

Instrument :

BNA_G

ClientSampleId :

NB-SOUTH-21ST

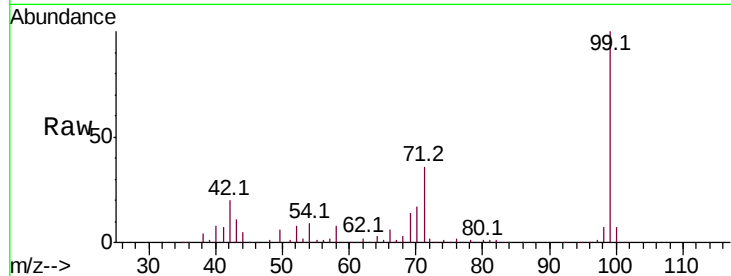
Tot Ion: 99 Resp: 662286

Ion Ratio Lower Upper

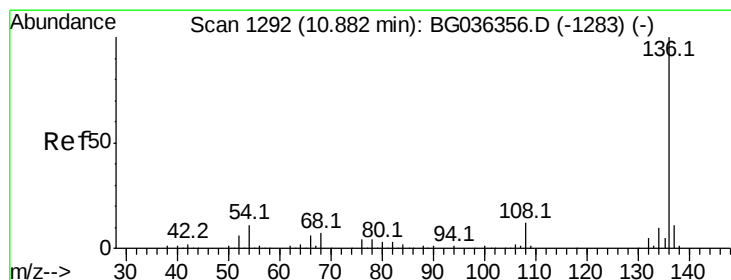
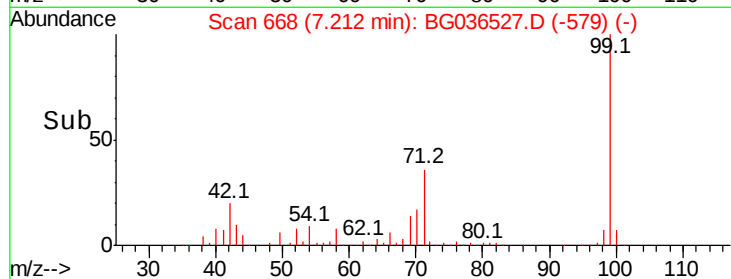
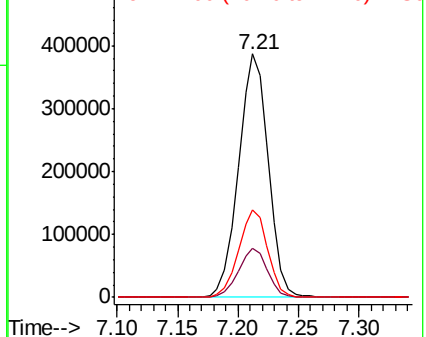
99 100

42 20.1 16.5 24.7

71 35.8 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: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

Tgt Ion: 136 Resp: 300167

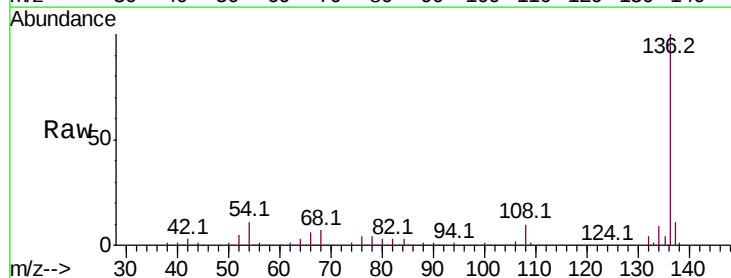
Ion Ratio Lower Upper

136 100

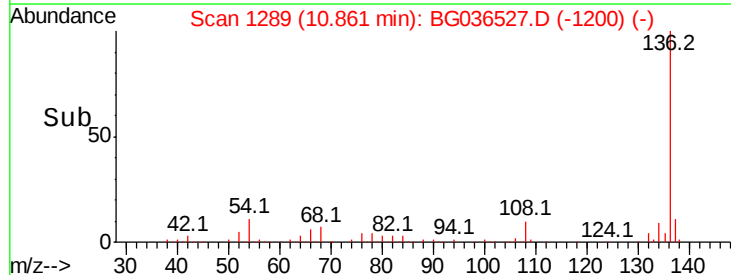
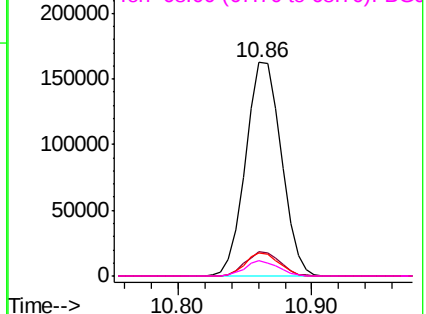
137 11.1 8.8 13.2

54 10.7 9.2 13.8

68 6.9 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

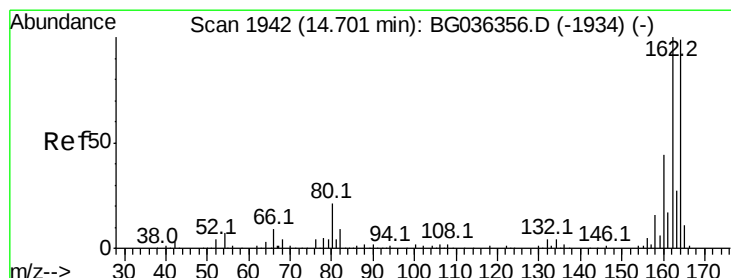
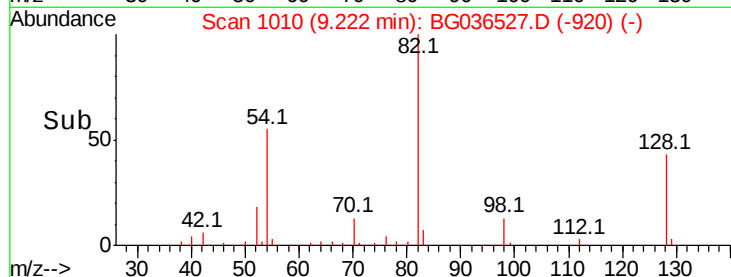
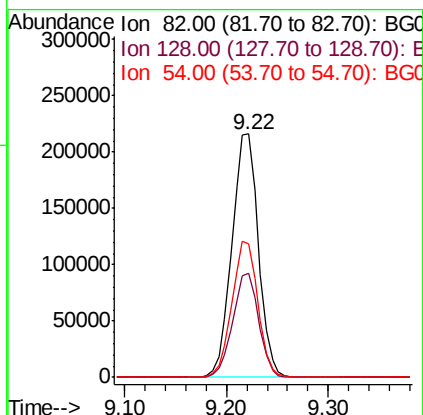
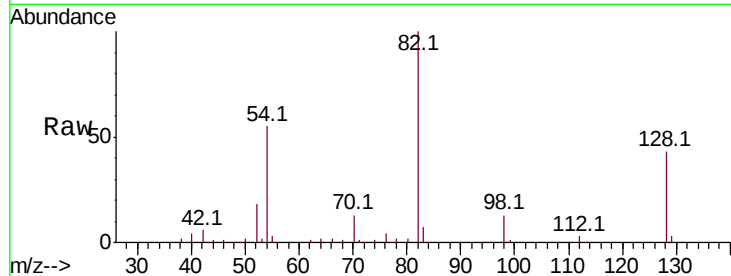




#23
Nitrobenzene-d5
Concen: 70.634 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

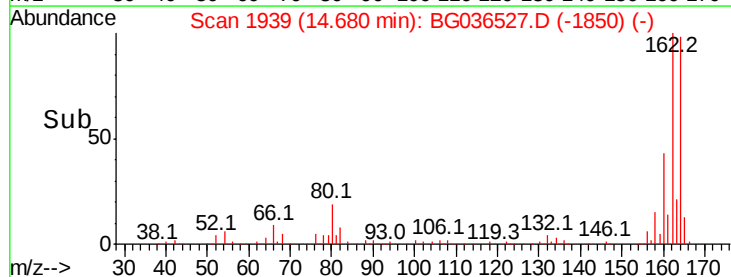
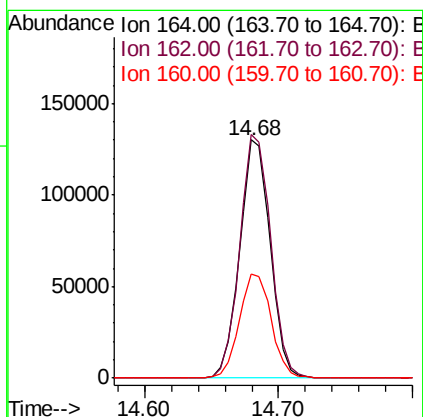
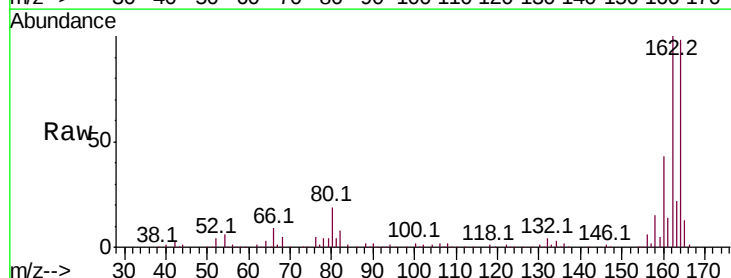
Instrument :
BNA_G
ClientSampleId :
NB-SOUTH-21ST

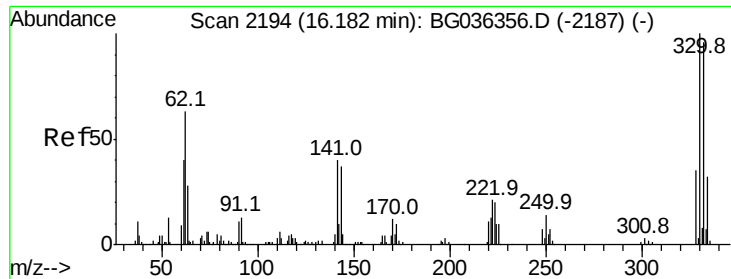
Tot Ion: 82 Resp: 390774
Ion Ratio Lower Upper
82 100
128 42.9 33.3 49.9
54 54.9 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Tgt Ion: 164 Resp: 204421
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 43.4 35.3 52.9

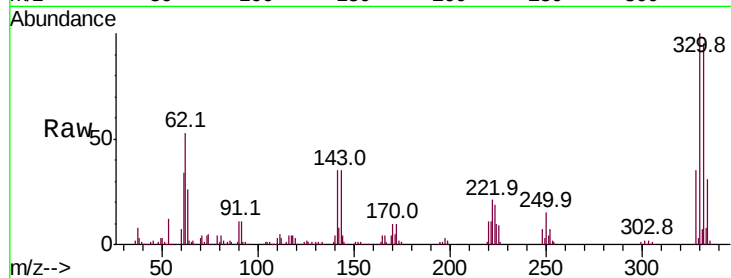




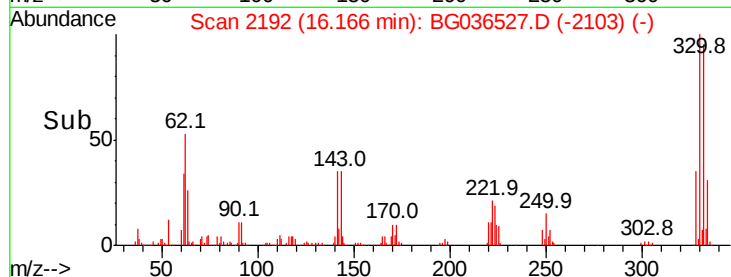
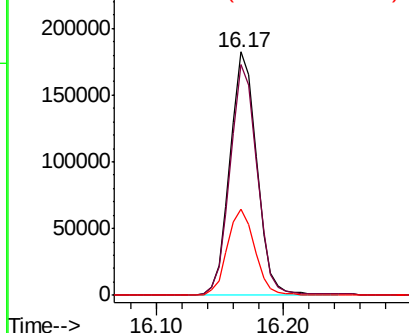
#41
 2,4,6-Tribromophenol
 Concen: 109.991 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036527.D
 Acq: 4 Sep 2018 11:59

Instrument :
 BNA_G
 ClientSampleId :
 NB-SOUTH-21ST

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	36.5	30.7	46.1

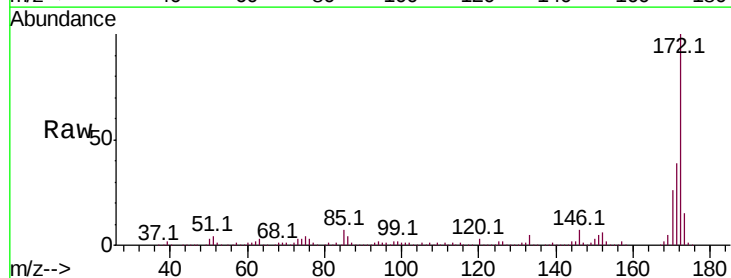


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

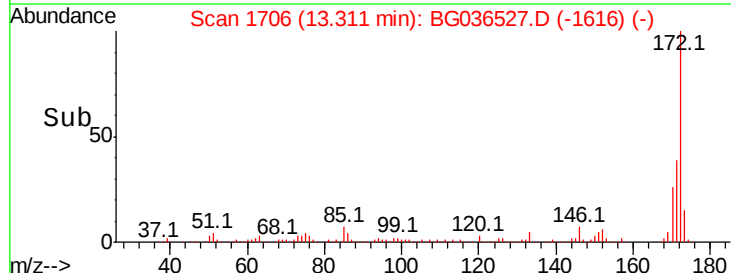
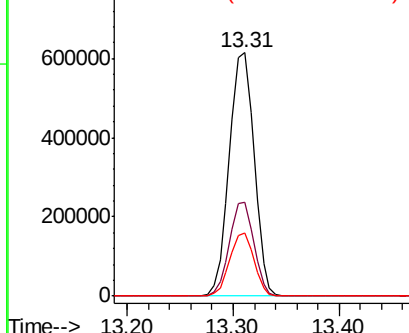


#44
 2-Fluorobiphenyl
 Concen: 69.958 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG036527.D
 Acq: 4 Sep 2018 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.1	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

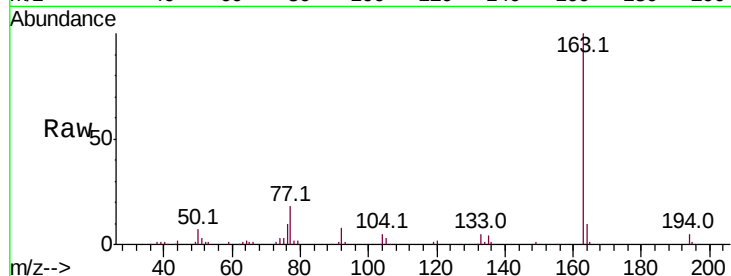




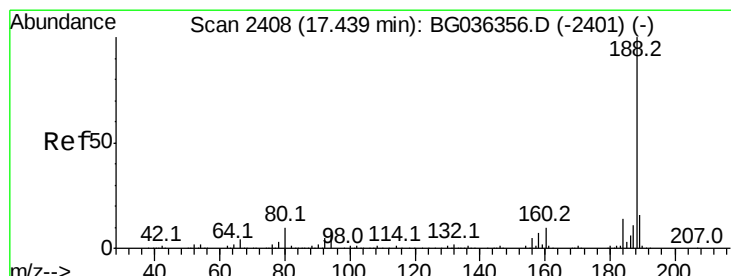
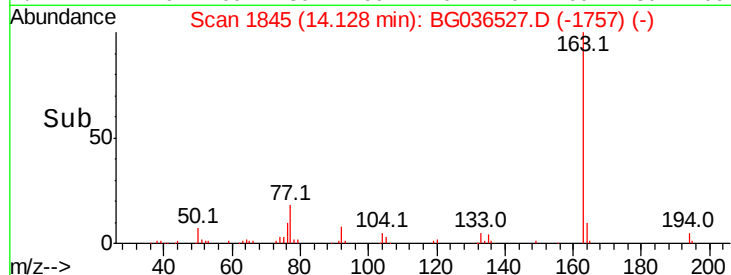
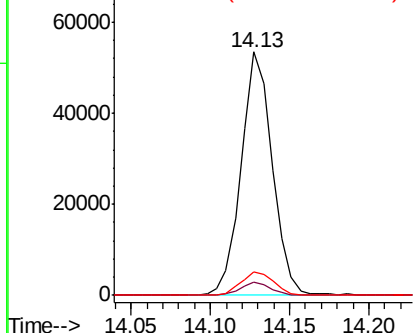
#49
Dimethylphthalate
Concen: 4.367 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Instrument :
BNA_G
ClientSampleId :
NB-SOUTH-21ST

Tot Ion:163 Resp: 72890
Ion Ratio Lower Upper
163 100
194 5.4 4.0 6.0
164 9.6 8.1 12.1

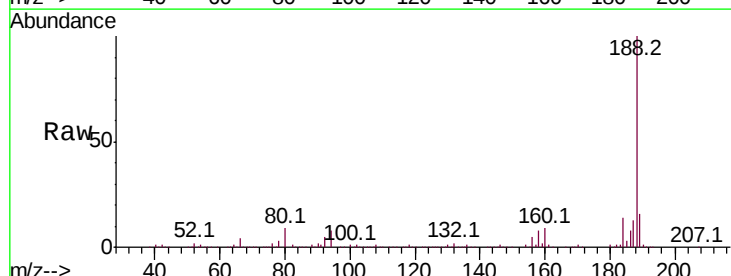


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

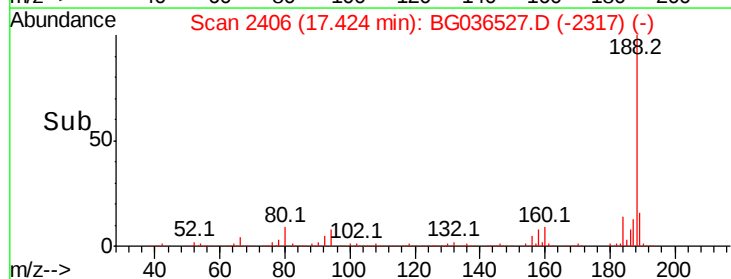
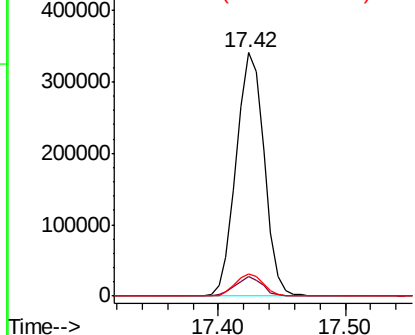


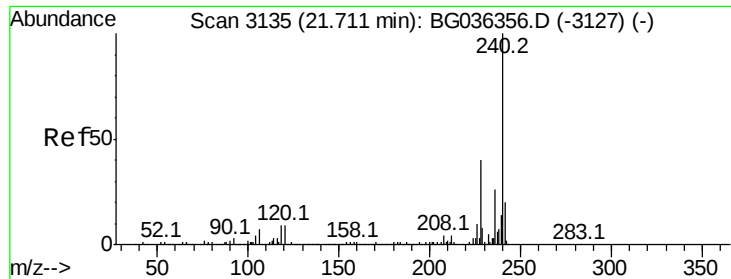
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Tgt Ion:188 Resp: 521484
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.2 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. -0.01 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

Instrument :

BNA_G

ClientSampleId :

NB-SOUTH-21ST

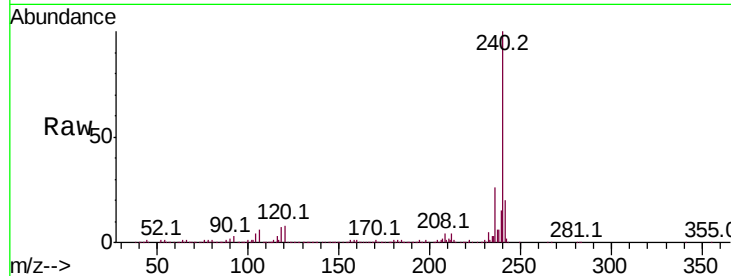
Tot Ion:240 Resp: 536001

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

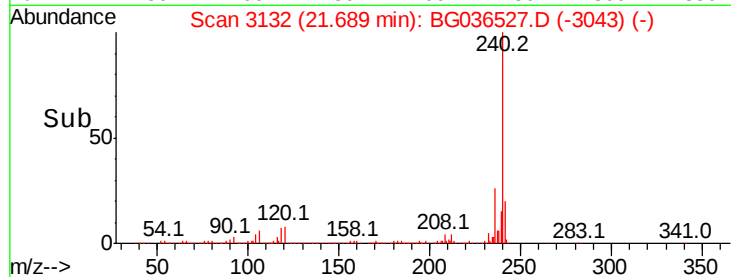
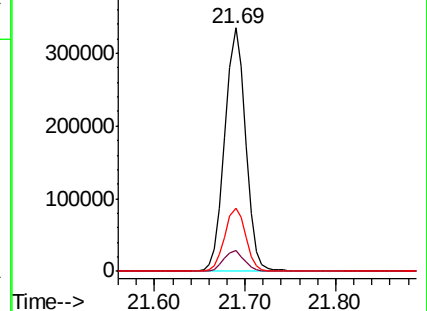
236 25.7 21.2 31.8



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: 72.925 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

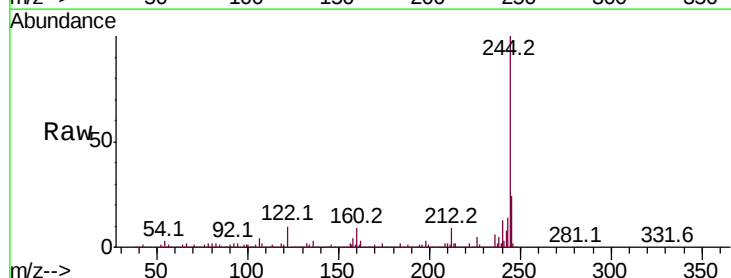
Tgt Ion:244 Resp: 1672315

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

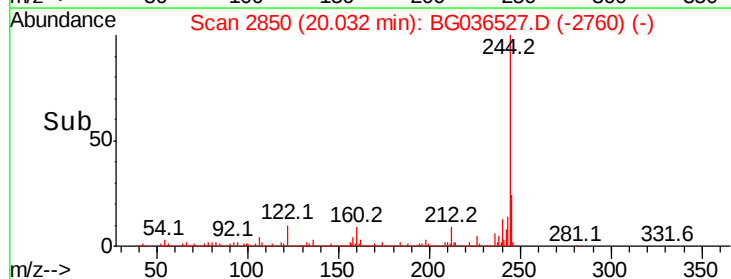
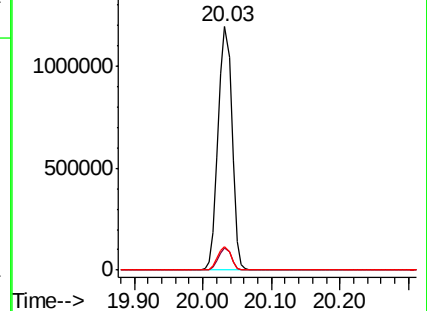
122 9.8 7.1 10.7

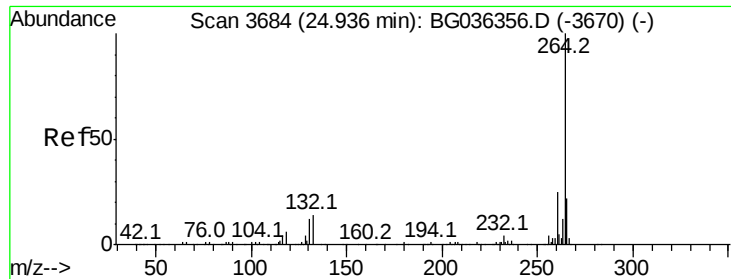


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Instrument :
BNA_G
ClientSampleId :
NB-SOUTH-21ST

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.0	17.4	26.0

