

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032617.D
 Acq On : 8 Feb 2018 19:19
 Operator : SJ/JU
 Sample : J1473-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4

Quant Time: Feb 09 03:12:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	32220	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	133453	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	95450	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	255880	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	320296	20.00	ng	-0.01
86) Perylene-d12	26.06	264	171812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	223255	139.17	ng	-0.02
7) Phenol-d6	7.80	99	256692	119.92	ng	-0.02
23) Nitrobenzene-d5	9.88	82	193717	90.67	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	221921	122.14	ng	-0.01
44) 2-Fluorobiphenyl	13.94	172	699627	87.12	ng	-0.02
78) Terphenyl-d14	20.61	244	1340790	89.67	ng	0.00

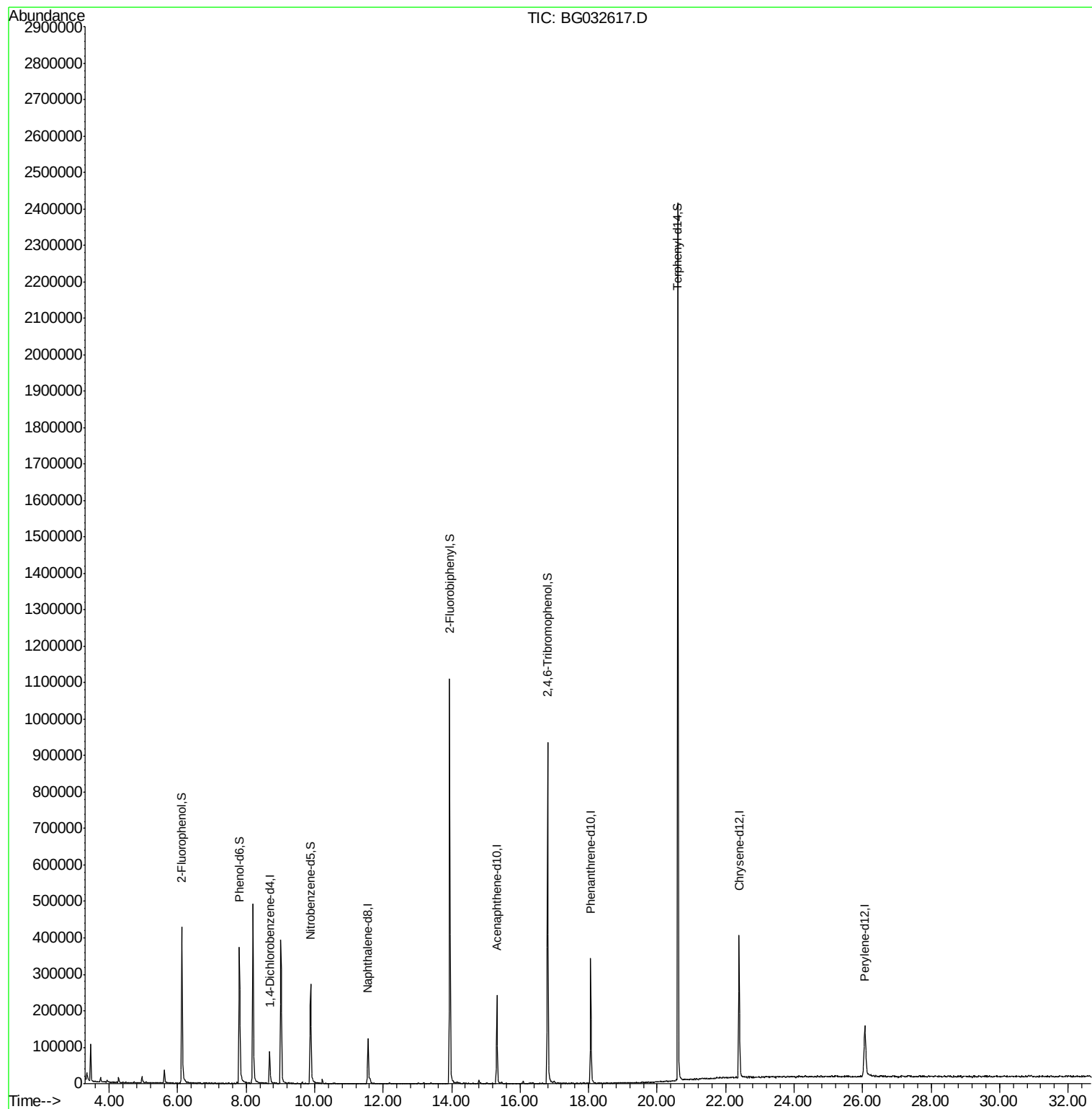
Target Compounds	Qvalue
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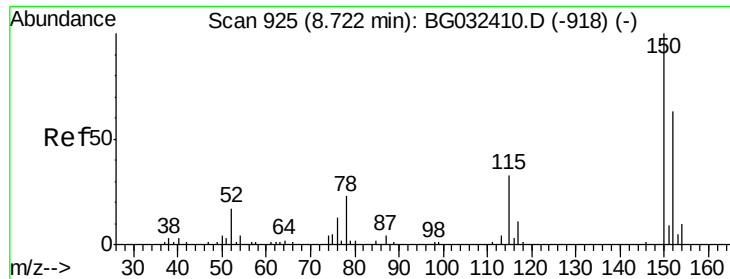
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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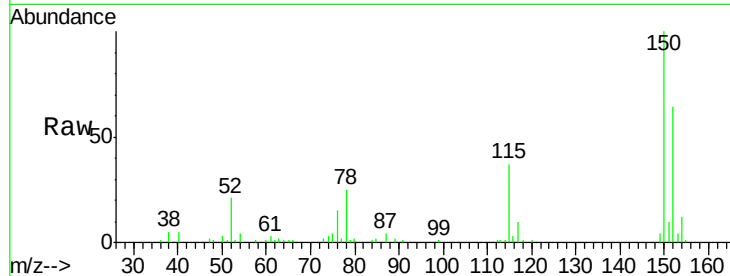


#1

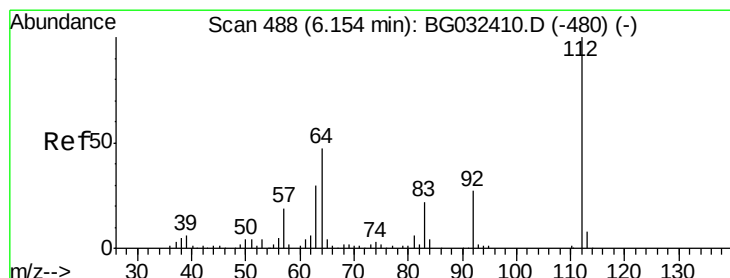
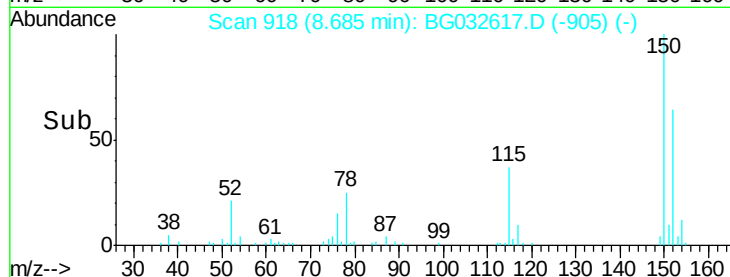
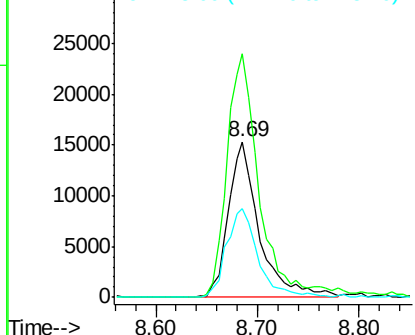
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG032617.D
Acq: 8 Feb 2018 19:19

Instrument :
BNA_G
ClientSampled :
B4

Tot Ion:152 Resp: 32220
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 57.4 53.0 79.4



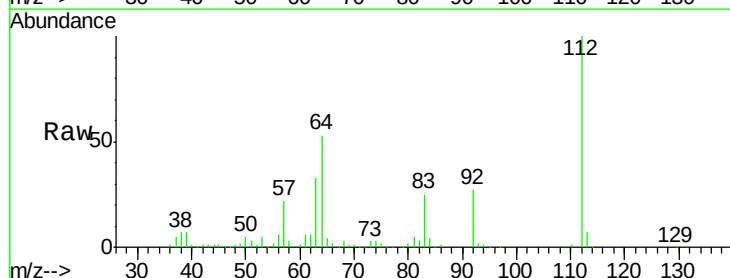
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



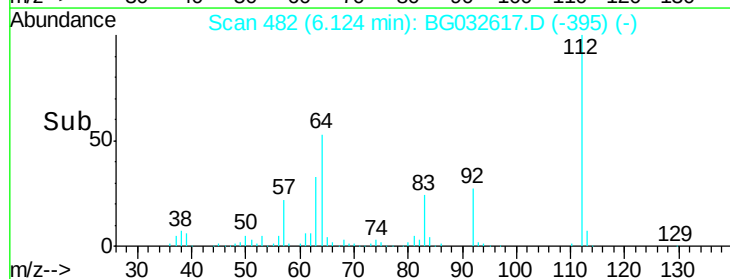
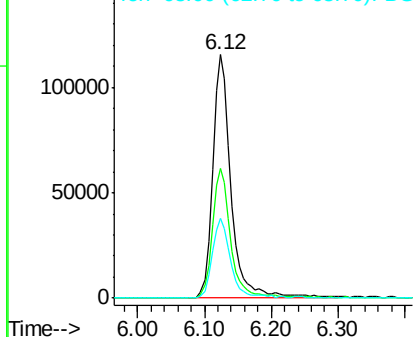
#5

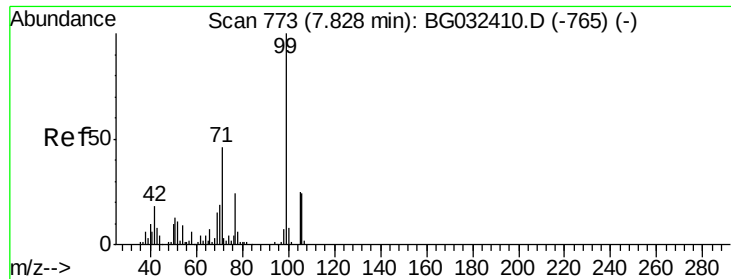
2-Fluorophenol
Concen: 139.175 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032617.D
Acq: 8 Feb 2018 19:19

Tgt Ion:112 Resp: 223255
Ion Ratio Lower Upper
112 100
64 53.4 56.3 84.5#
63 32.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.917 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032617.D

Acq: 8 Feb 2018 19:19

Instrument :

BNA_G

ClientSampleId :

B4

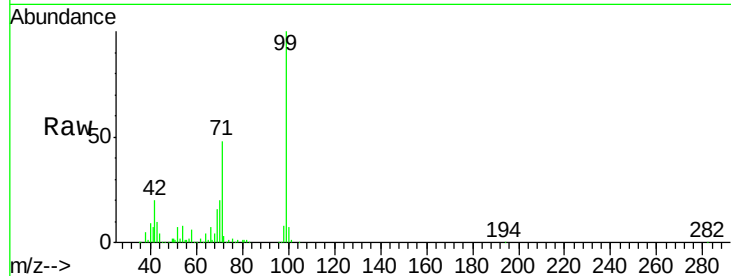
Tot Ion: 99 Resp: 256692

Ion Ratio Lower Upper

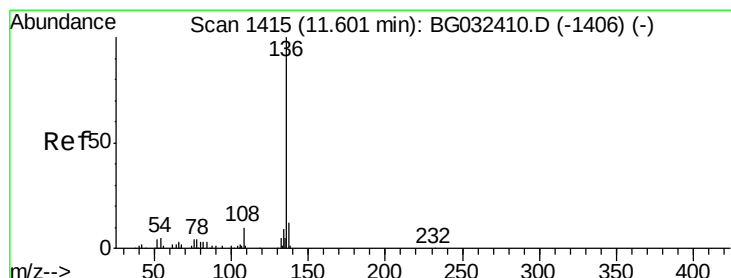
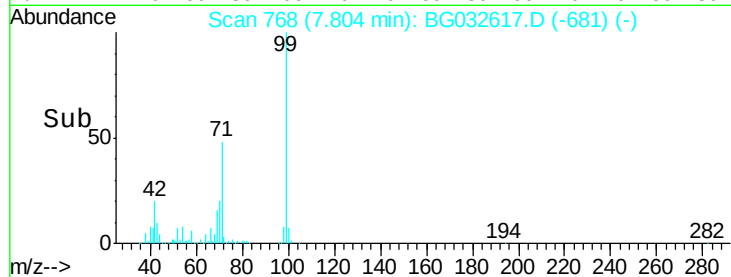
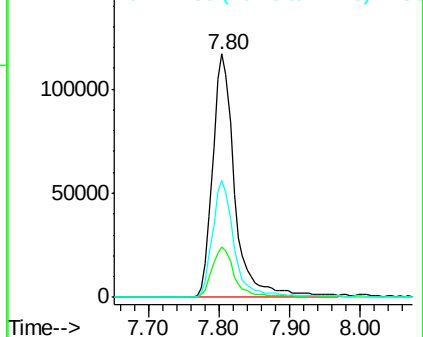
99 100

42 20.5 14.1 21.1

71 47.9 26.1 39.1#



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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032617.D

Acq: 8 Feb 2018 19:19

Tgt Ion: 136 Resp: 133453

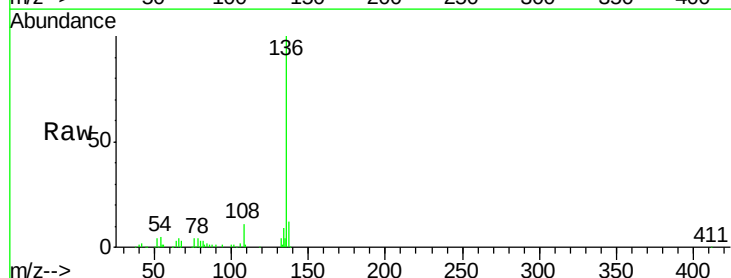
Ion Ratio Lower Upper

136 100

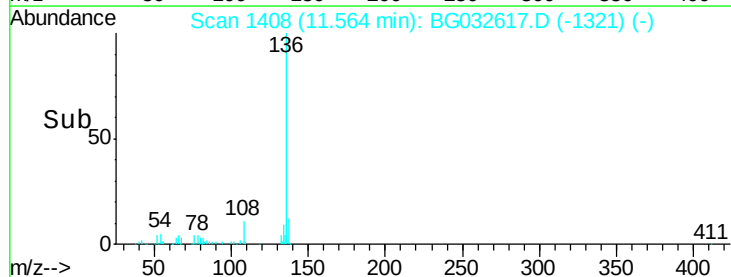
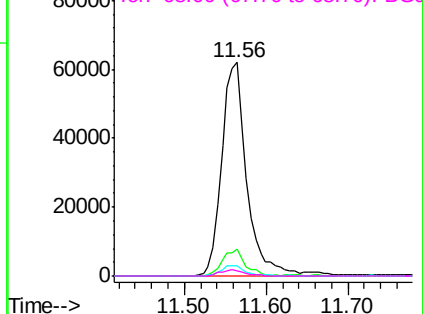
137 12.5 9.2 13.8

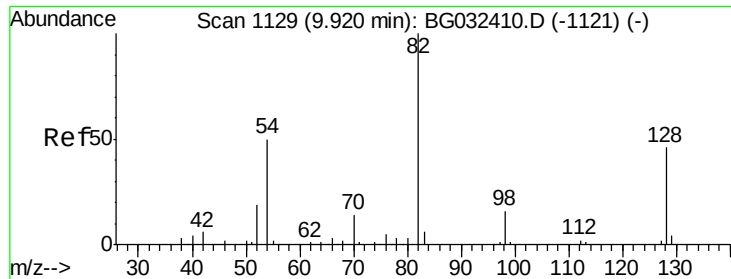
54 4.8 10.3 15.5#

68 2.5 4.5 6.7#



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

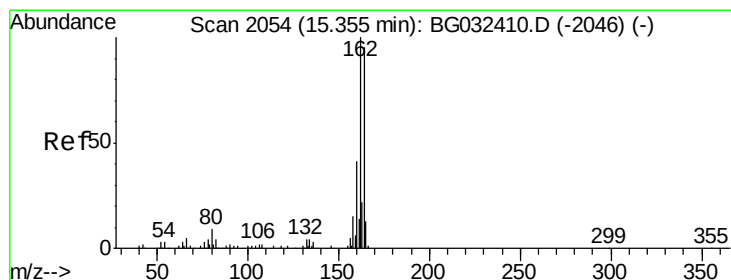
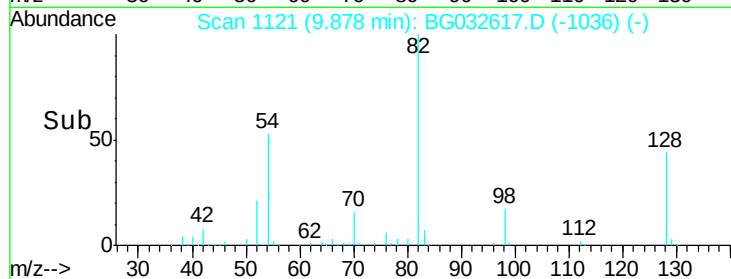
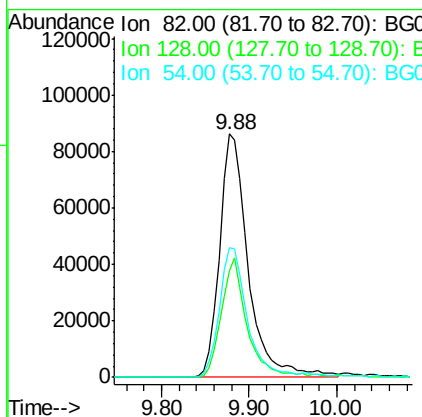
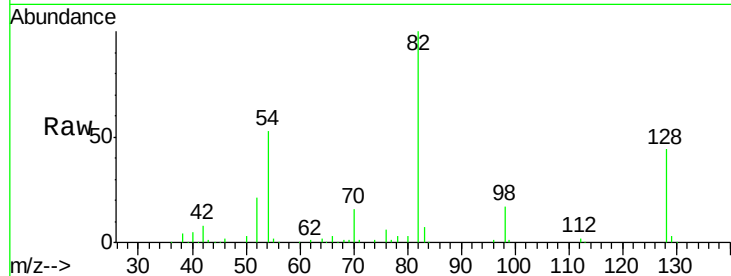




#23
 Nitrobenzene-d5
 Concen: 90.666 ng
 RT: 9.88 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BG032617.D
 Acq: 8 Feb 2018 19:19

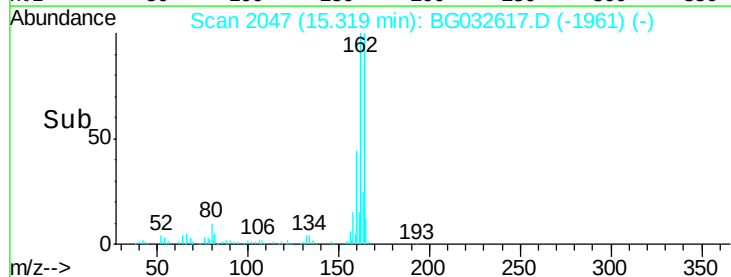
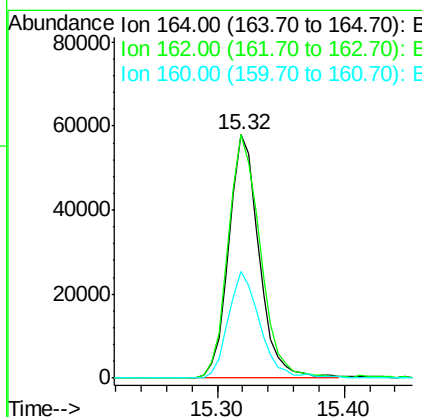
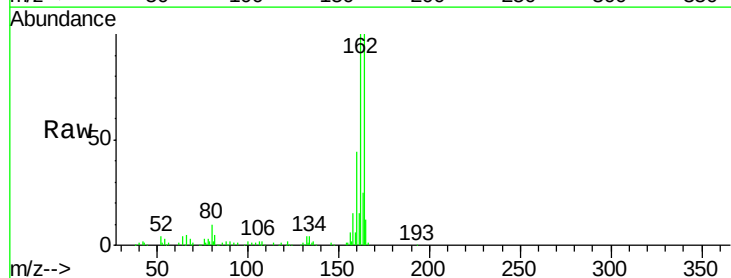
Instrument :
 BNA_G
 ClientSampled :
 B4

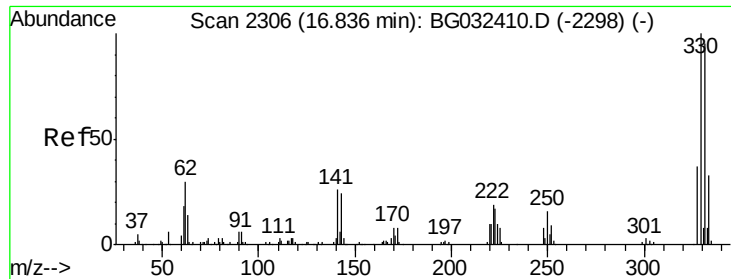
Tot Ion	82	Resp	193717
Ion Ratio	100	Lower	Upper
128	43.7	29.7	44.5
54	53.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: BG032617.D
 Acq: 8 Feb 2018 19:19

Tgt Ion	164	Resp	95450
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.0	78.8	118.2
160	44.0	35.4	53.0

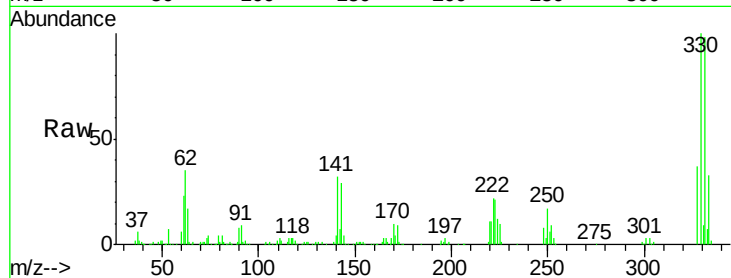




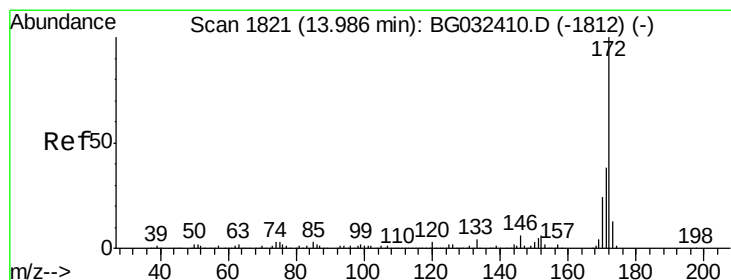
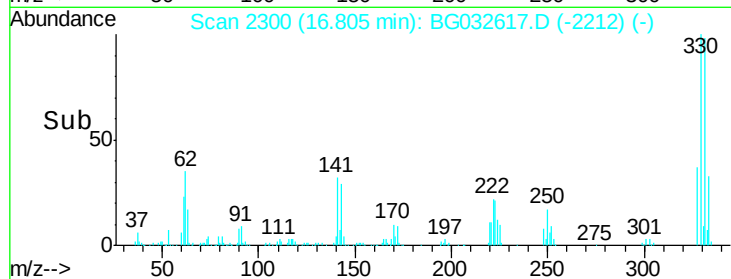
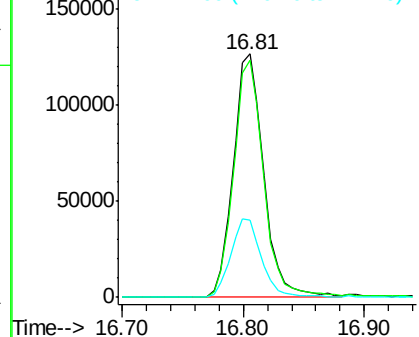
#41
 2,4,6-Tribromophenol
 Concen: 122.143 ng
 RT: 16.81 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG032617.D
 Acq: 8 Feb 2018 19:19

Instrument :
 BNA_G
 ClientSampled :
 B4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.9	25.2	37.8

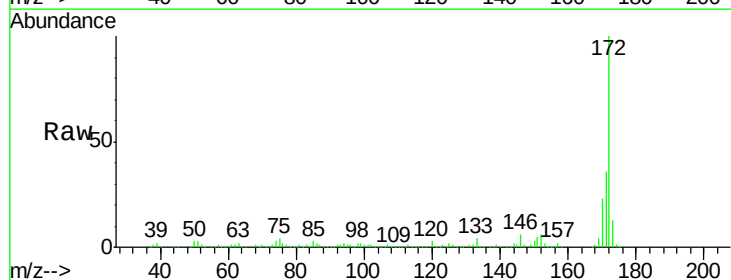


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

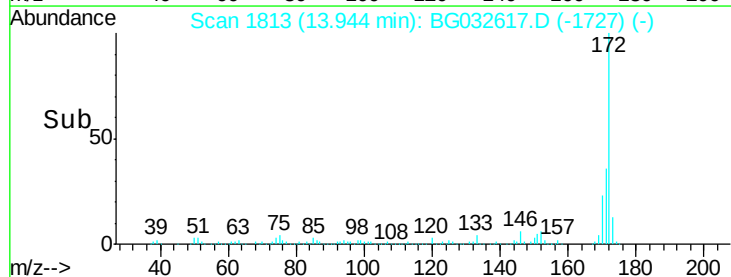
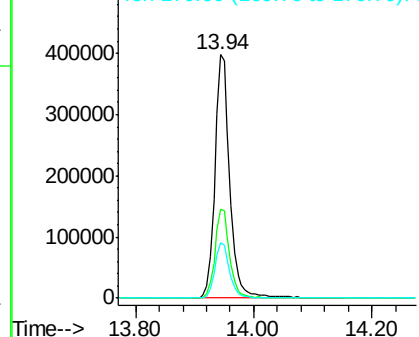


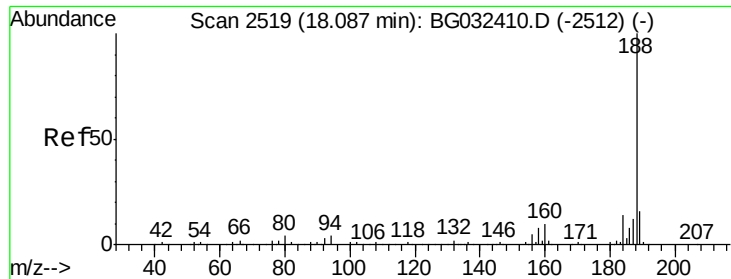
#44
 2-Fluorobiphenyl
 Concen: 87.119 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BG032617.D
 Acq: 8 Feb 2018 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	22.6	19.5	29.3



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

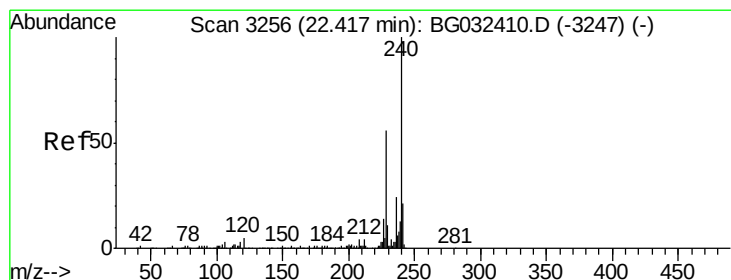
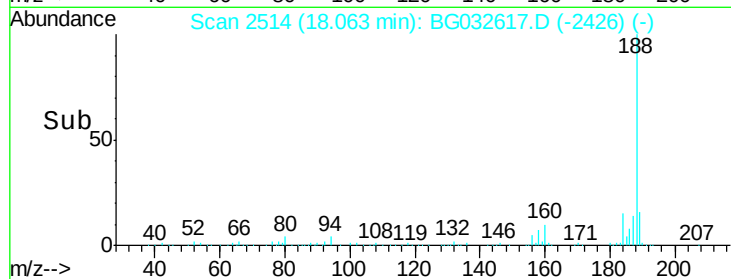
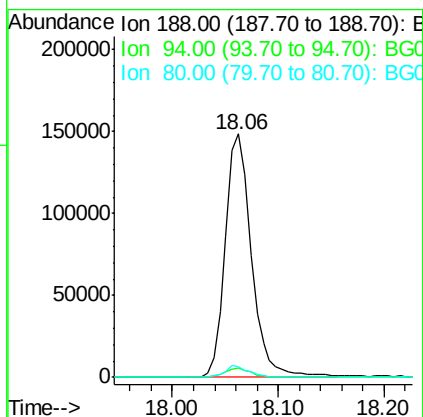
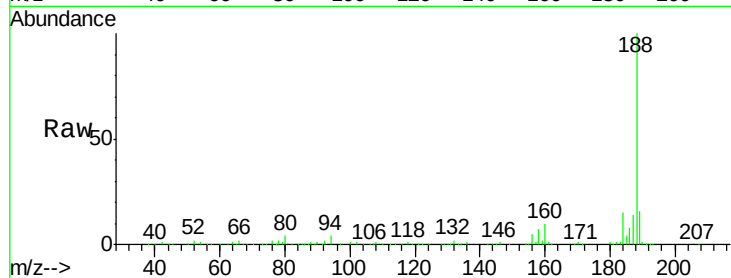




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032617.D
Acq: 8 Feb 2018 19:19

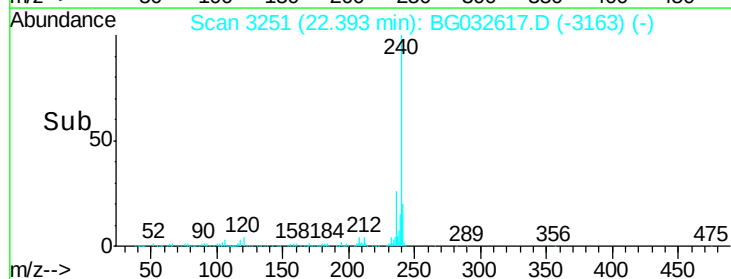
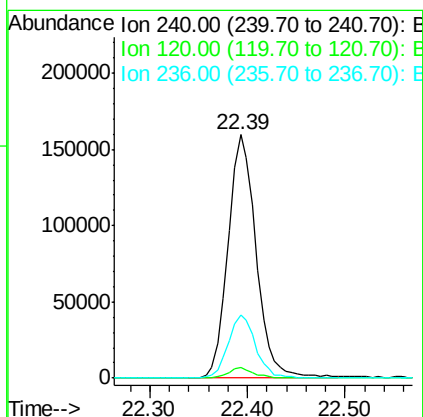
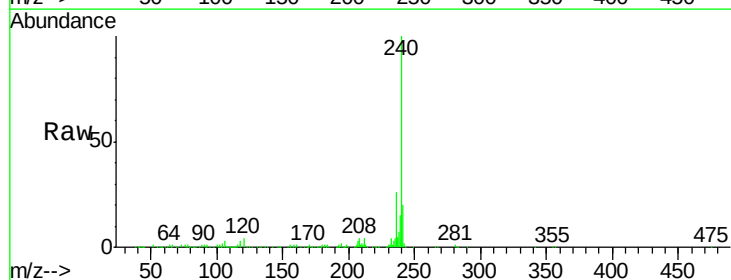
Instrument :
BNA_G
ClientSampleId :
B4

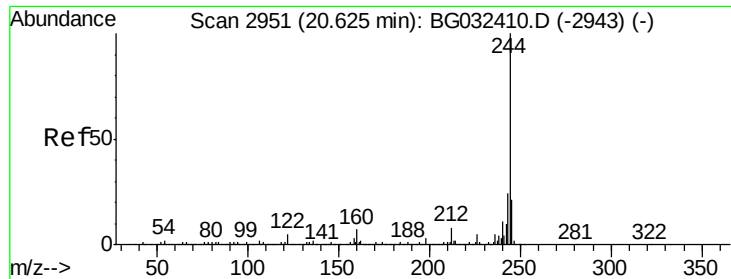
Tot Ion:188 Resp: 255880
Ion Ratio Lower Upper
188 100
94 3.7 6.9 10.3#
80 4.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032617.D
Acq: 8 Feb 2018 19:19

Tgt Ion:240 Resp: 320296
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 89.670 ng

RT: 20.61 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032617.D

Acq: 8 Feb 2018 19:19

Instrument :

BNA_G

ClientSampleId :

B4

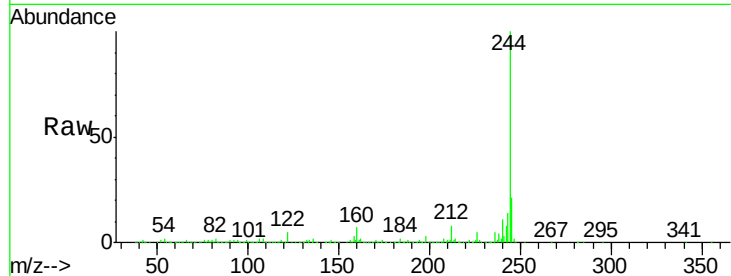
Tot Ion:244 Resp: 1340790

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

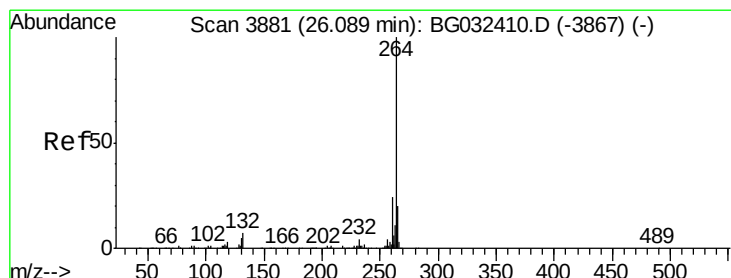
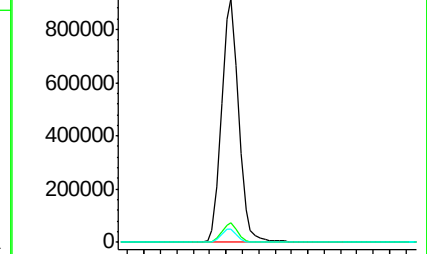
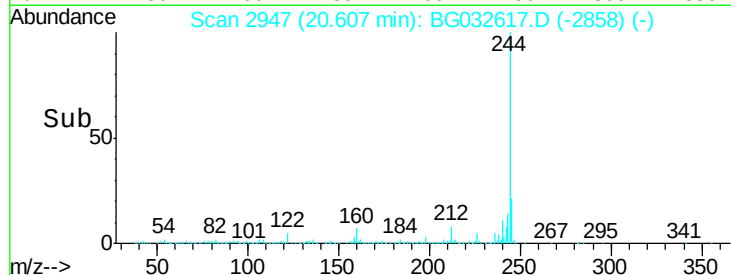
122 5.3 7.0 10.4#



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: 26.06 min Scan# 3876

Delta R.T. -0.00 min

Lab File: BG032617.D

Acq: 8 Feb 2018 19:19

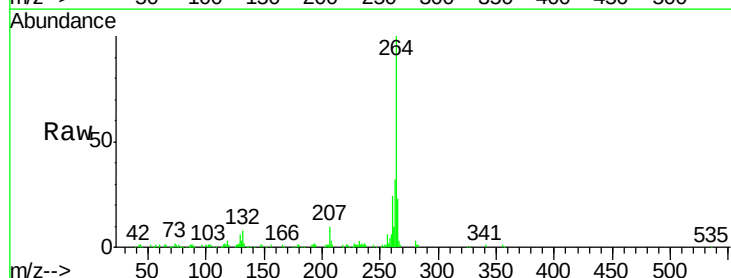
Tgt Ion:264 Resp: 171812

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.8 17.7 26.5



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

