

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032287.D
 Acq On : 25 Jan 2018 8:17
 Operator : SJ/JU
 Sample : J1254-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-6

Quant Time: Jan 25 09:58:43 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

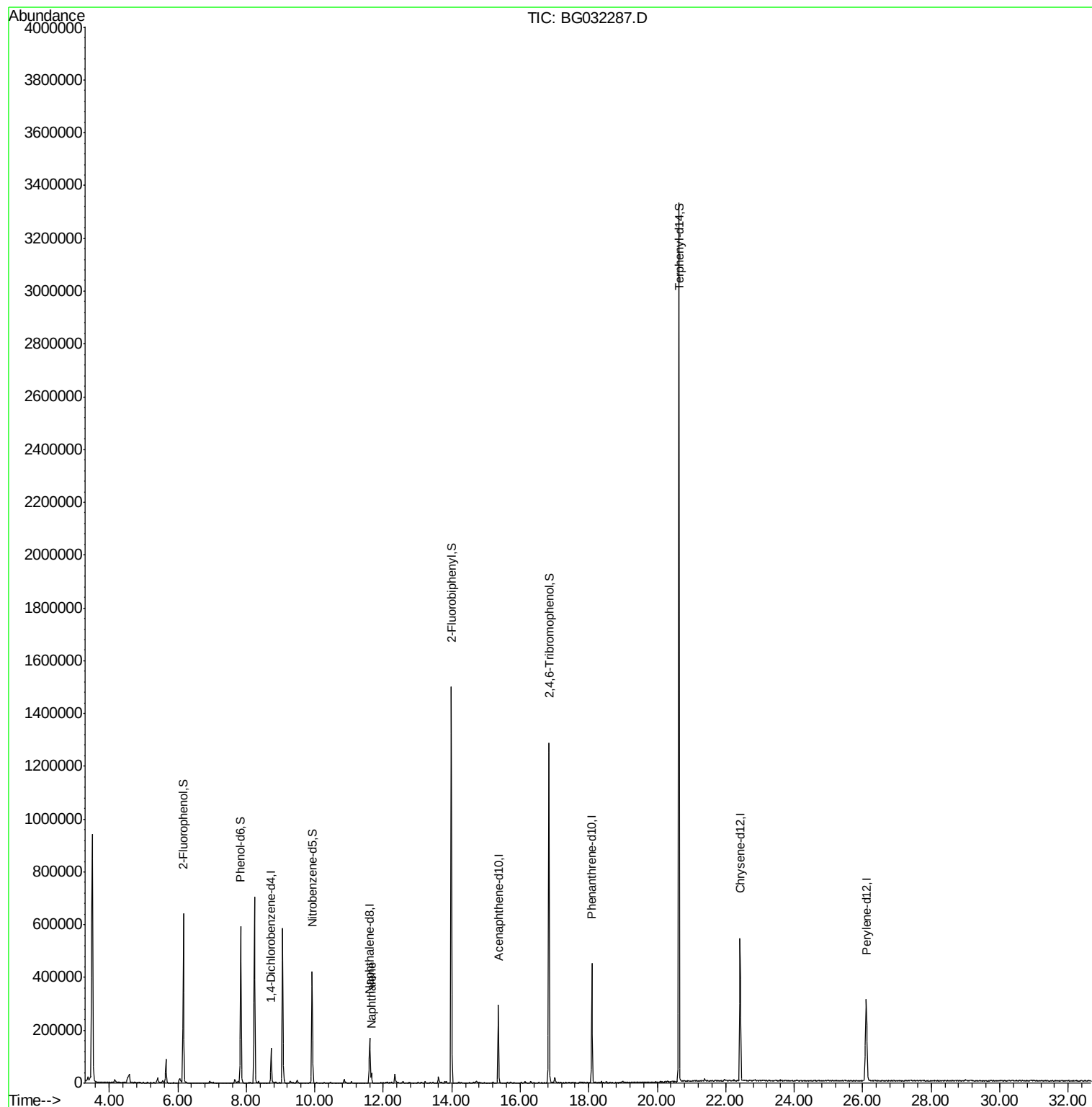
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	43692	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	163354	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	113269	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	306528	20.00	ng	0.00
75) Chrysene-d12	22.42	240	406450	20.00	ng	0.00
86) Perylene-d12	26.10	264	424043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	310253	129.87	ng	0.00
7) Phenol-d6	7.84	99	366606	121.85	ng	0.00
23) Nitrobenzene-d5	9.92	82	258691	107.14	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	299664	159.88	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	863896	94.57	ng	0.00
78) Terphenyl-d14	20.63	244	1787700	97.12	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	32927	4.069	ng	Qvalue 100

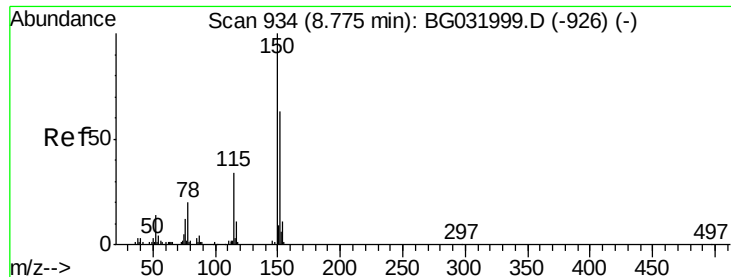
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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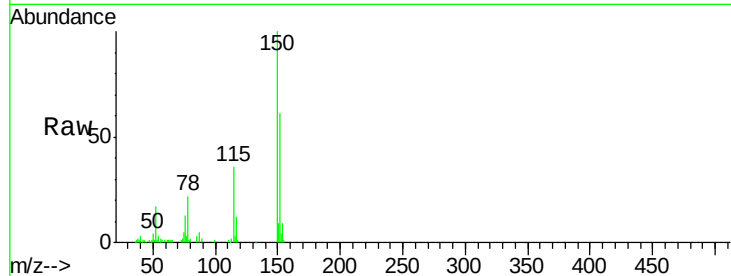


#1

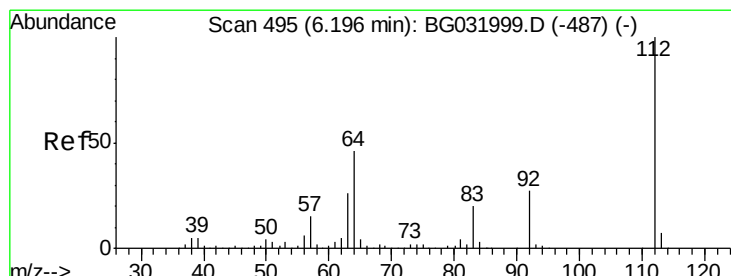
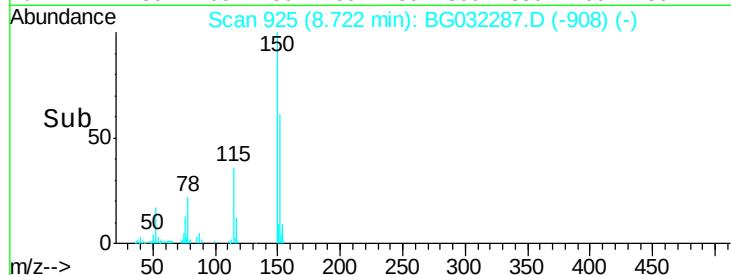
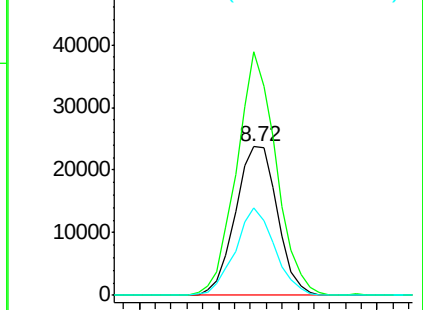
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Instrument :
BNA_G
ClientSampled :
OWS-6

Tgt Ion:152 Resp: 43692
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 58.6 53.0 79.4



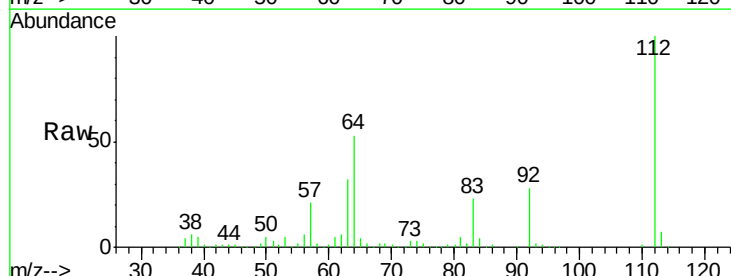
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



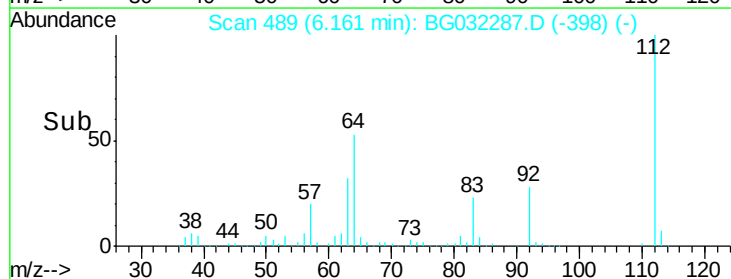
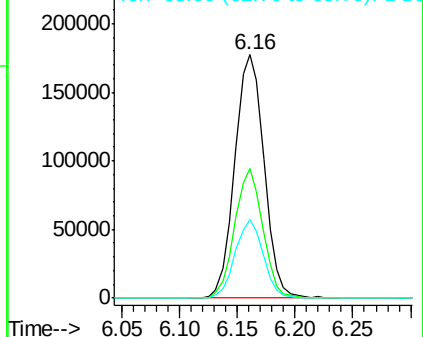
#5

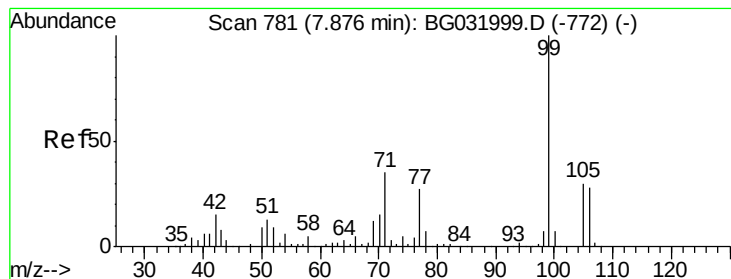
2-Fluorophenol
Concen: 129.871 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Tgt Ion:112 Resp: 310253
Ion Ratio Lower Upper
112 100
64 53.2 56.3 84.5#
63 32.4 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: 121.848 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032287.D

Acq: 25 Jan 2018 8:17

Instrument :

BNA_G

ClientSampled :

OWS-6

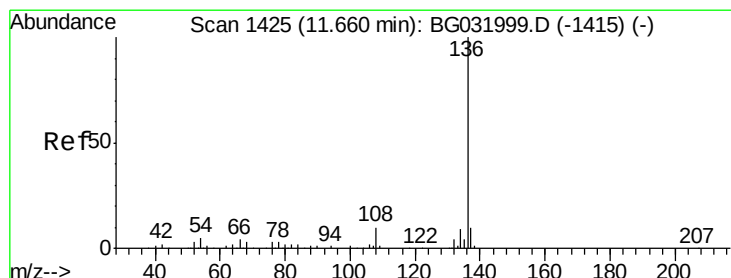
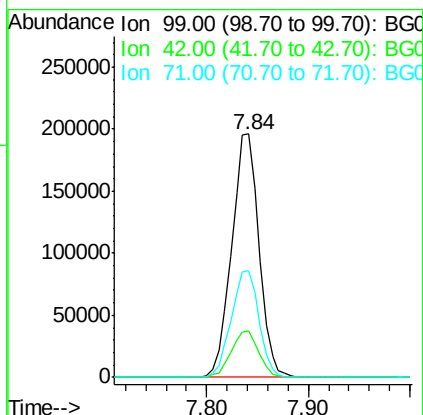
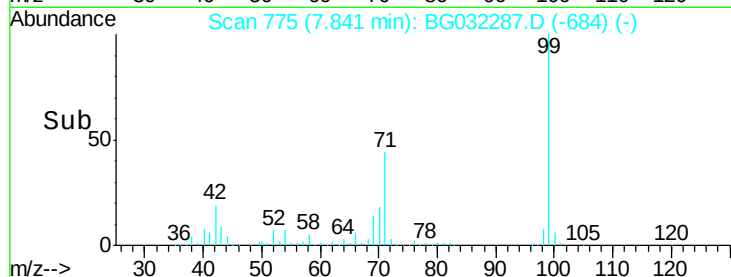
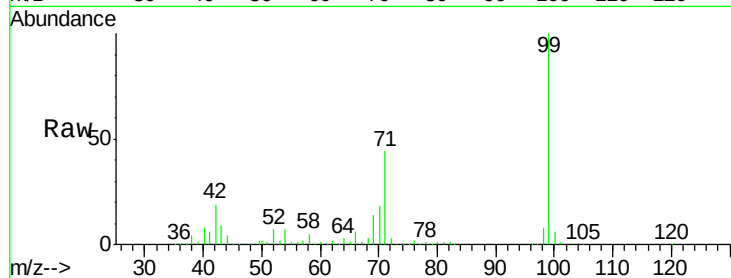
Tgt Ion: 99 Resp: 366606

Ion Ratio Lower Upper

99 100

42 19.2 14.1 21.1

71 44.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BG032287.D

Acq: 25 Jan 2018 8:17

Tgt Ion: 136 Resp: 163354

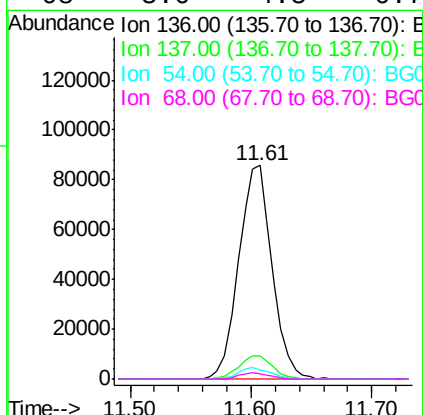
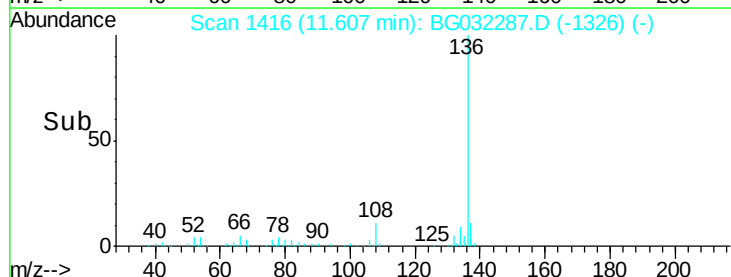
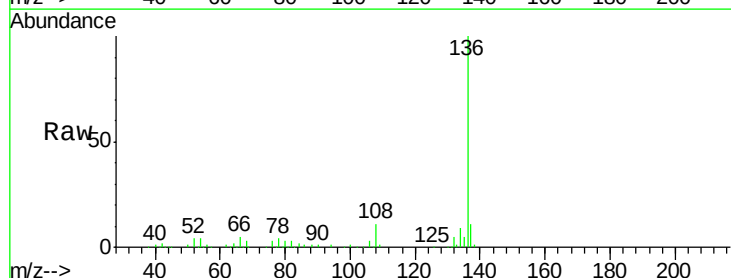
Ion Ratio Lower Upper

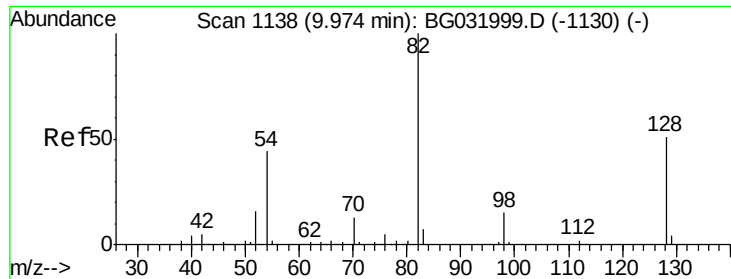
136 100

137 10.9 9.2 13.8

54 4.5 10.3 15.5#

68 3.0 4.5 6.7#

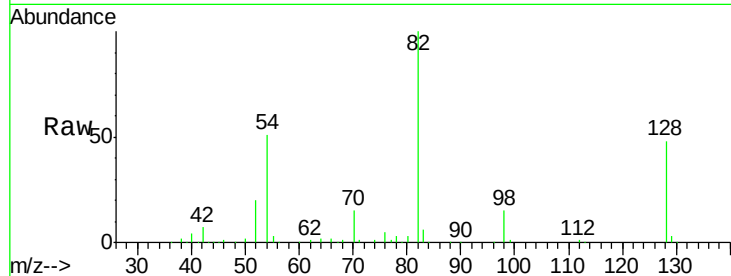




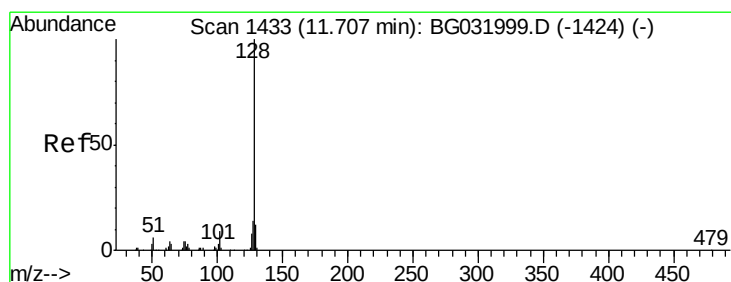
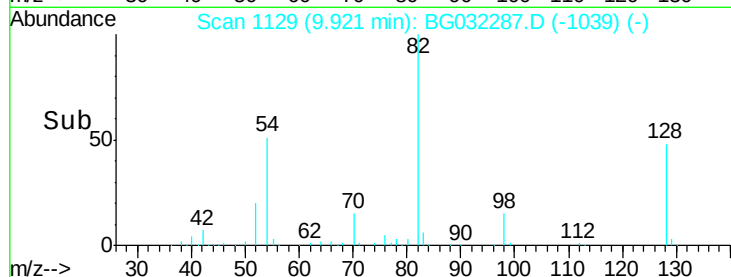
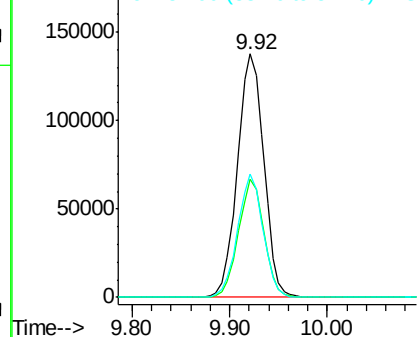
#23
Nitrobenzene-d5
Concen: 107.139 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Instrument :
BNA_G
ClientSampled :
OWS-6

Tgt Ion: 82 Resp: 258691
Ion Ratio Lower Upper
82 100
128 48.3 29.7 44.5#
54 50.8 43.1 64.7

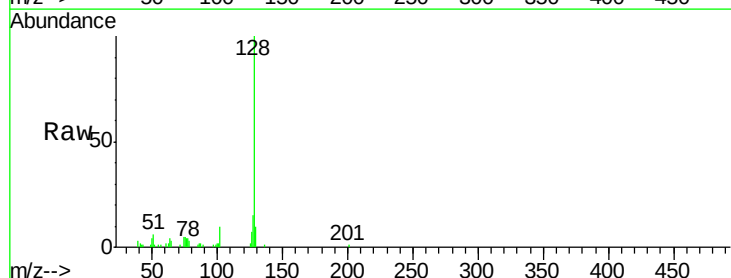


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

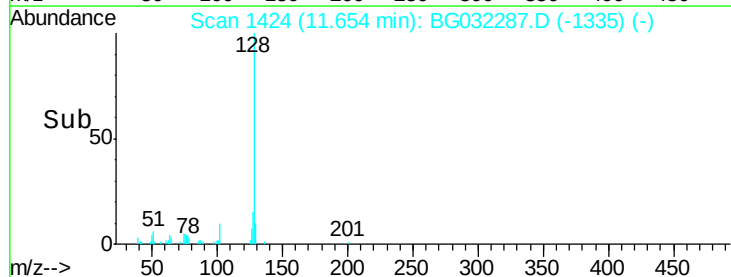
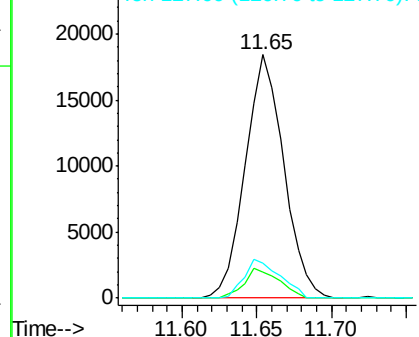


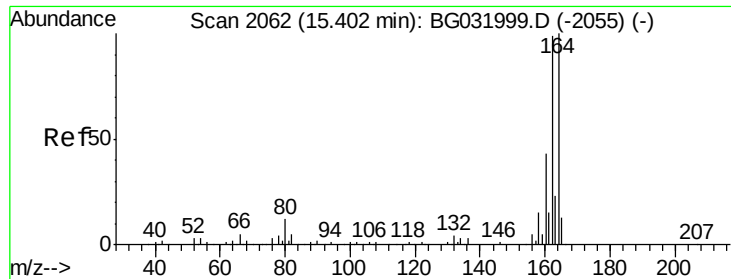
#31
Naphthalene
Concen: 4.069 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Tgt Ion: 128 Resp: 32927
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

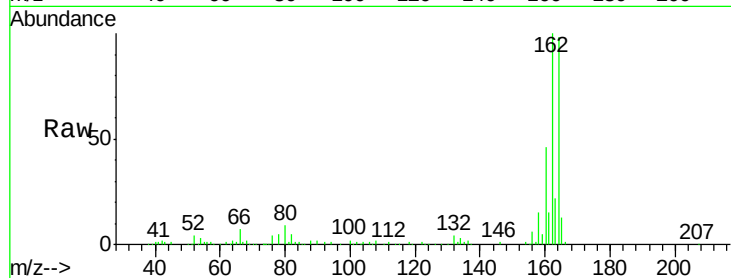




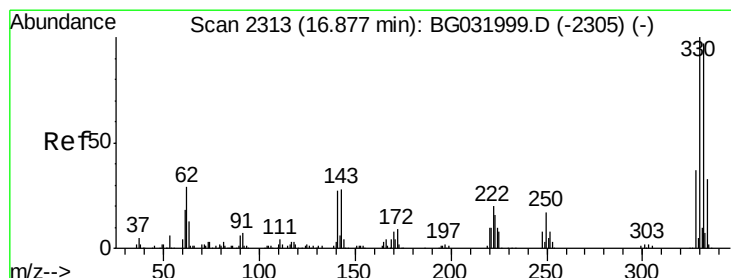
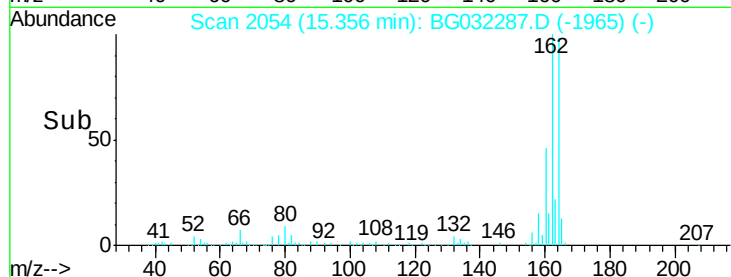
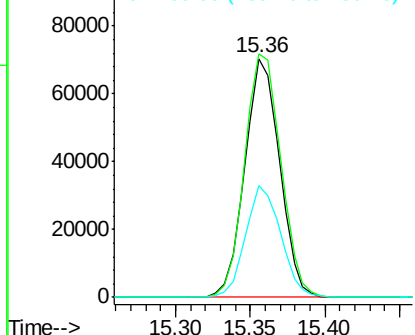
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Instrument :
BNA_G
ClientSampleId :
OWS-6

Tgt Ion:164 Resp: 113269
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 46.6 35.4 53.0

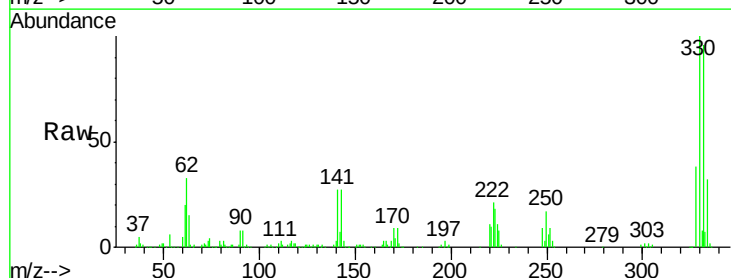


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

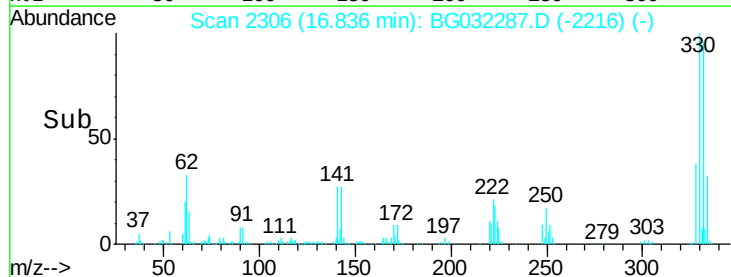
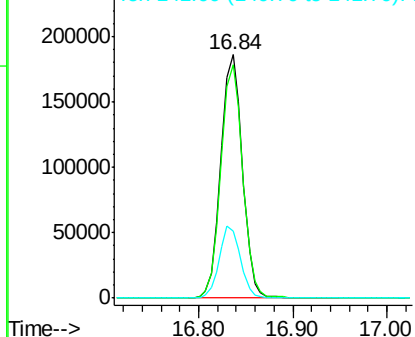


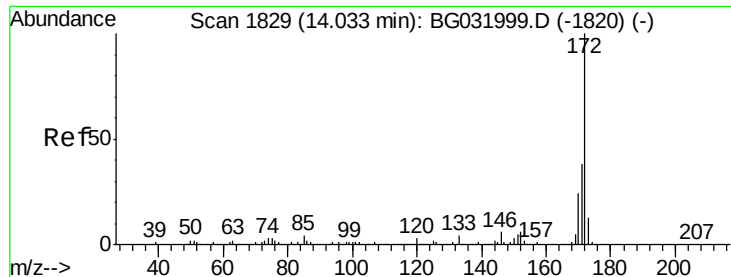
#41
2,4,6-Tribromophenol
Concen: 159.877 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Tgt Ion:330 Resp: 299664
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 29.2 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

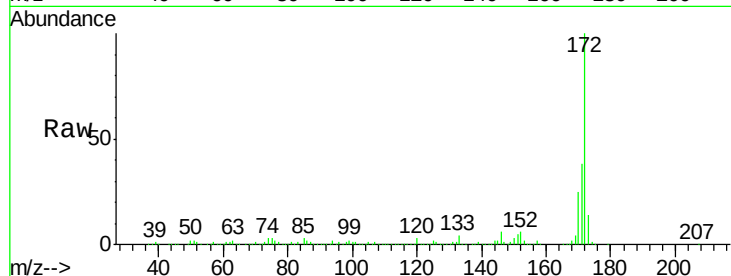




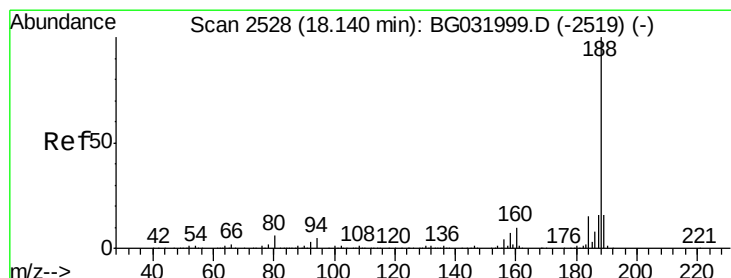
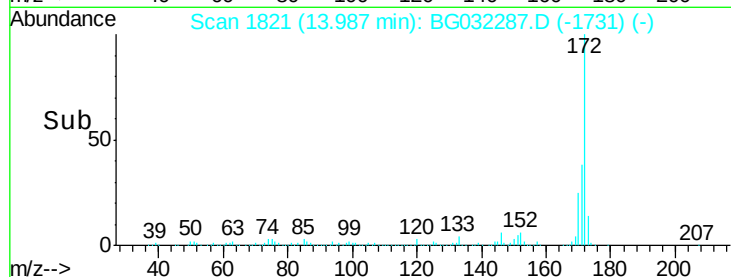
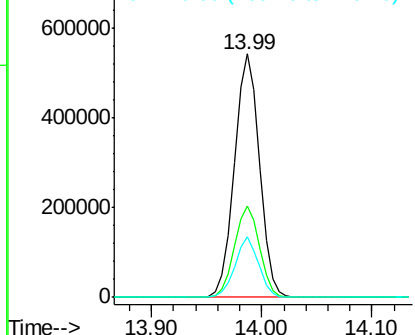
#44
2-Fluorobiphenyl
Concen: 94.570 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Instrument :
BNA_G
ClientSampleId :
OWS-6

Tgt Ion:172 Resp: 863896
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 24.8 19.5 29.3

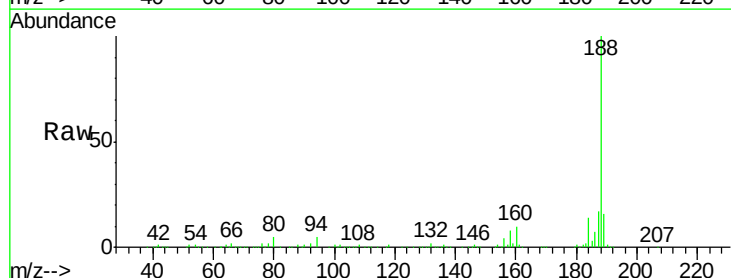


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

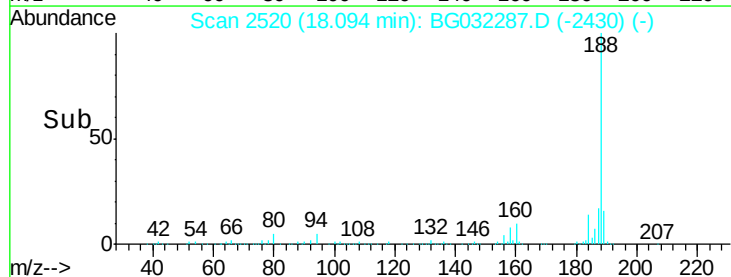
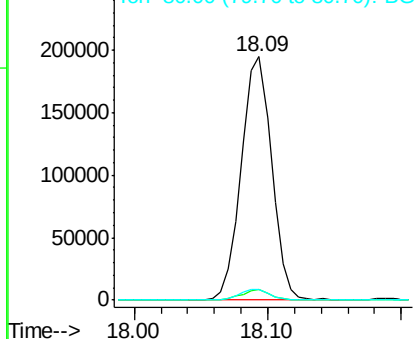


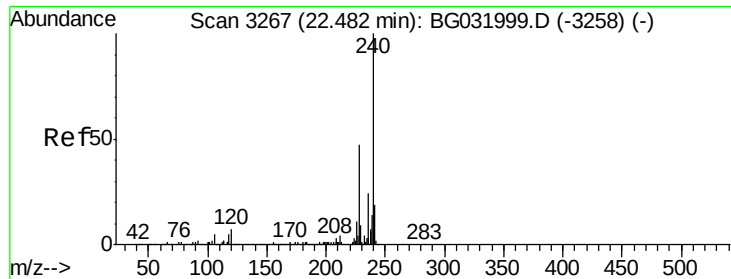
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Tgt Ion:188 Resp: 306528
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 4.6 7.7 11.5#



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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032287.D

Acq: 25 Jan 2018 8:17

Instrument :

BNA_G

ClientSampleId :

OWS-6

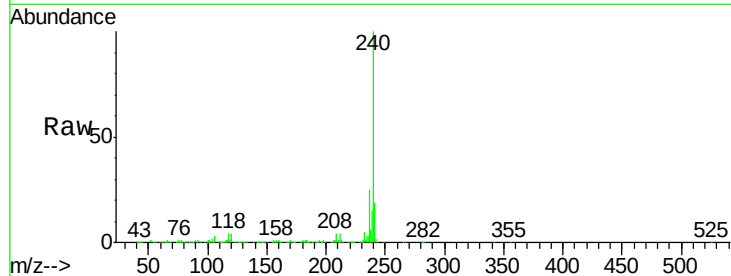
Tgt Ion:240 Resp: 406450

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

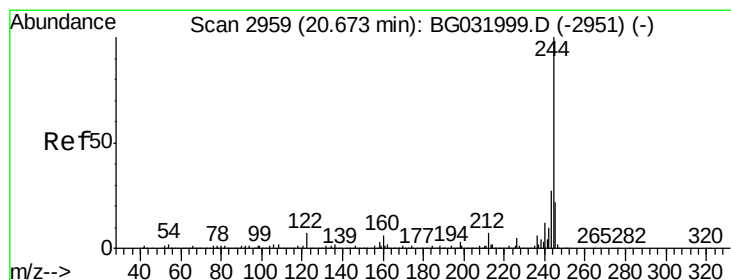
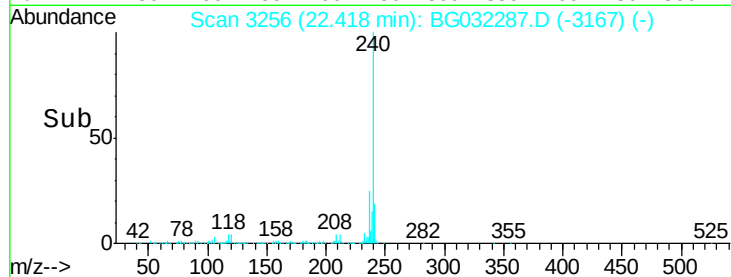
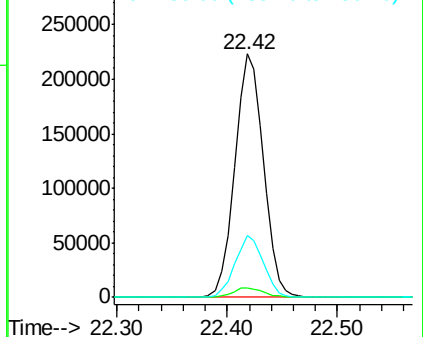
236 25.3 20.9 31.3



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: 97.117 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032287.D

Acq: 25 Jan 2018 8:17

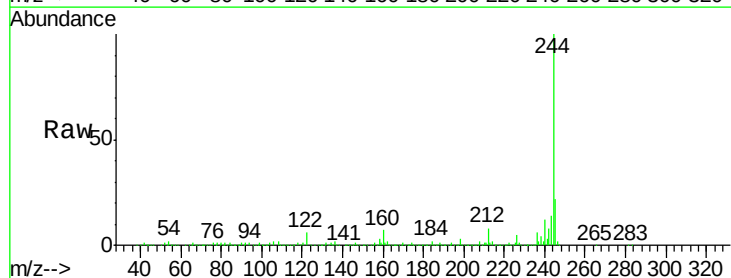
Tgt Ion:244 Resp: 1787700

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

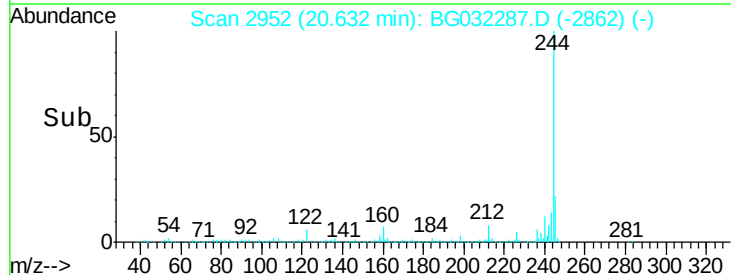
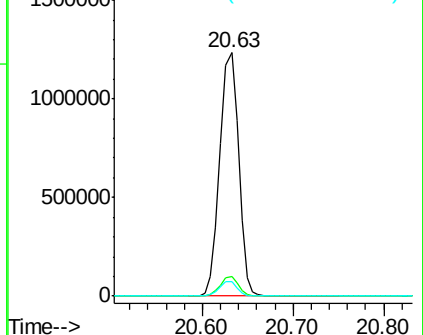
122 5.9 7.0 10.4#

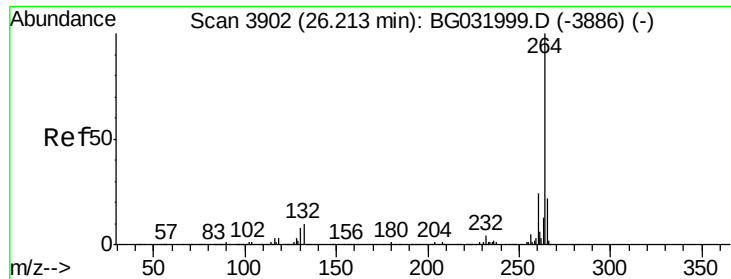


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.10 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BG032287.D
Acq: 25 Jan 2018 8:17

Instrument :
BNA_G
ClientSampleId :
OWS-6

Tgt Ion: 264 Resp: 424043

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.0	17.7	26.5

