

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032284.D
 Acq On : 25 Jan 2018 6:24
 Operator : SJ/JU
 Sample : J1254-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Quant Time: Jan 25 07:56:17 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

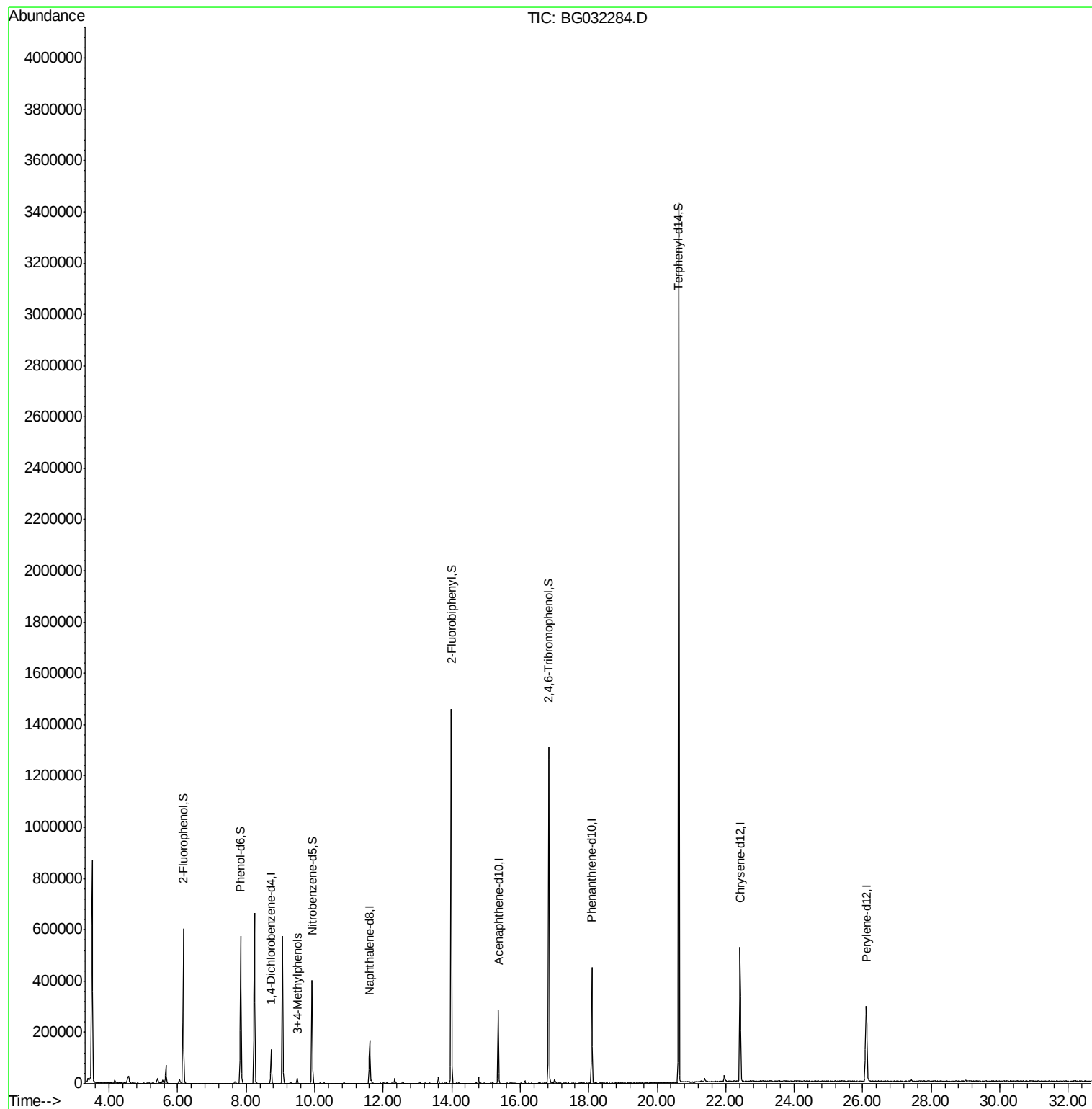
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	42369	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	161944	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	110536	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	307384	20.00	ng	0.00
75) Chrysene-d12	22.42	240	396762	20.00	ng	0.00
86) Perylene-d12	26.10	264	409678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	295853	127.71	ng	0.00
7) Phenol-d6	7.84	99	355687	121.91	ng	0.00
23) Nitrobenzene-d5	9.92	82	246706	103.06	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	300366	164.21	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	861905	96.69	ng	0.00
78) Terphenyl-d14	20.63	244	1786323	99.41	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.48	107	9283	3.051	ng	Qvalue 95

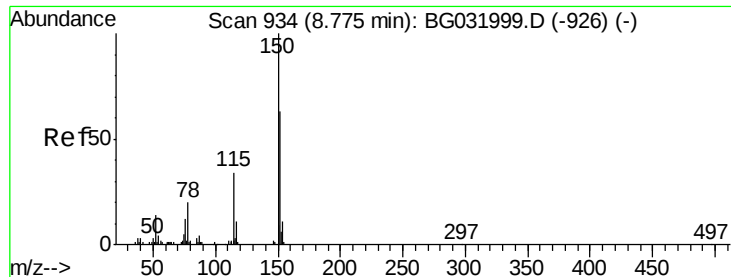
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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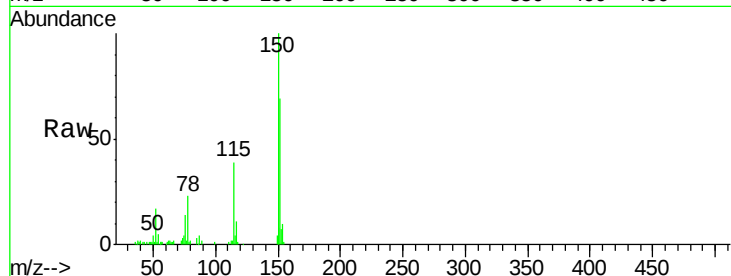


#1

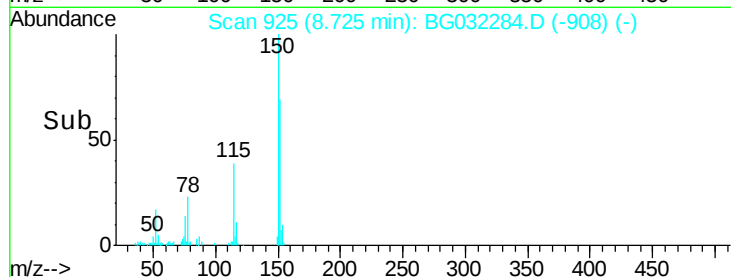
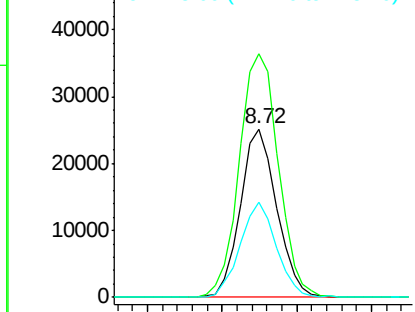
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032284.D
Acq: 25 Jan 2018 6:24

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:152 Resp: 42369
Ion Ratio Lower Upper
152 100
150 144.7 126.6 189.8
115 56.8 53.0 79.4



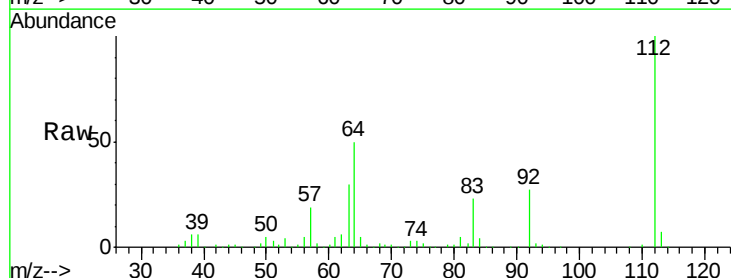
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



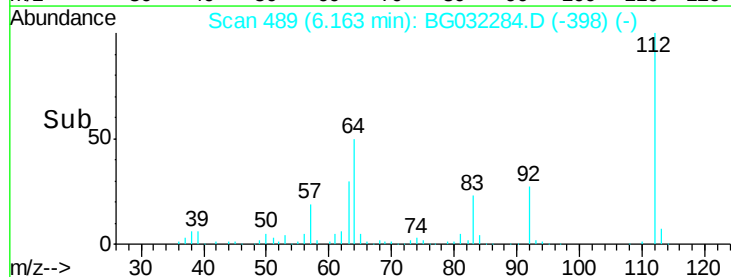
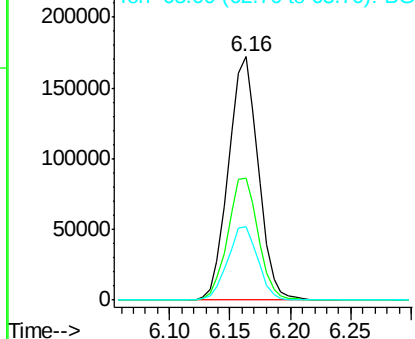
#5

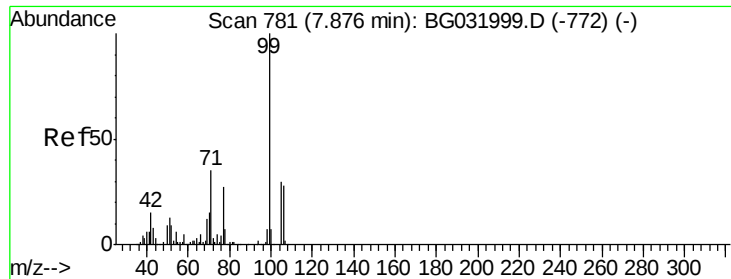
2-Fluorophenol
Concen: 127.710 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032284.D
Acq: 25 Jan 2018 6:24

Tgt Ion:112 Resp: 295853
Ion Ratio Lower Upper
112 100
64 50.3 56.3 84.5#
63 30.2 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: 121.910 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032284.D

Acq: 25 Jan 2018 6:24

Instrument :

BNA_G

ClientSampleId :

OWS-3

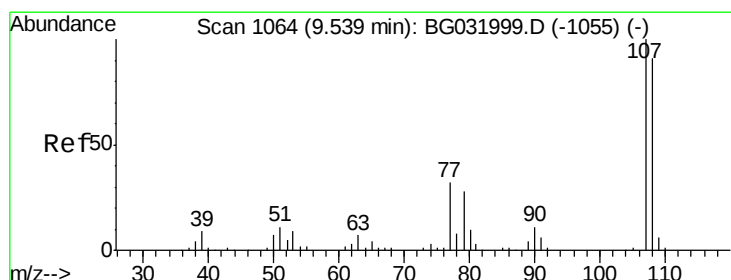
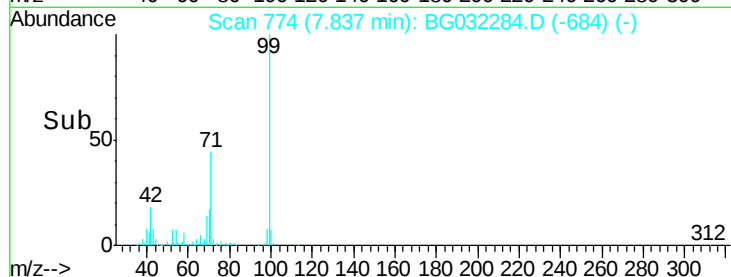
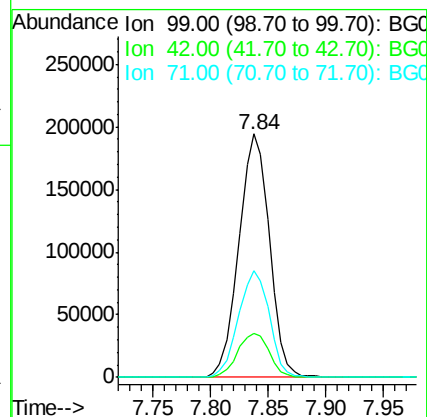
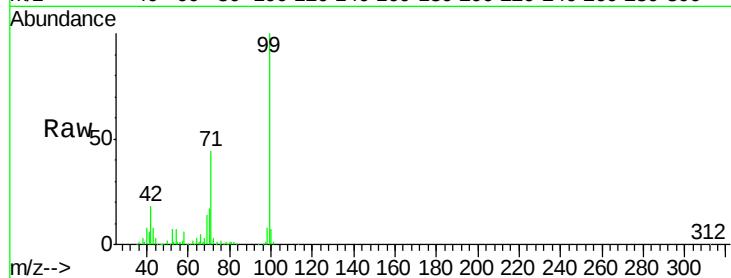
Tgt Ion: 99 Resp: 355687

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 43.8 26.1 39.1#



#20

3+4-Methylphenols

Concen: 3.051 ng

RT: 9.48 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BG032284.D

Acq: 25 Jan 2018 6:24

Tgt Ion:107 Resp: 9283

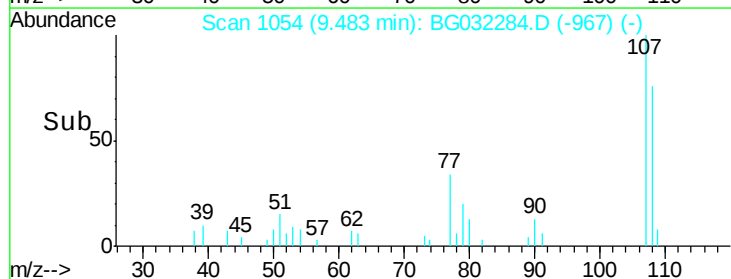
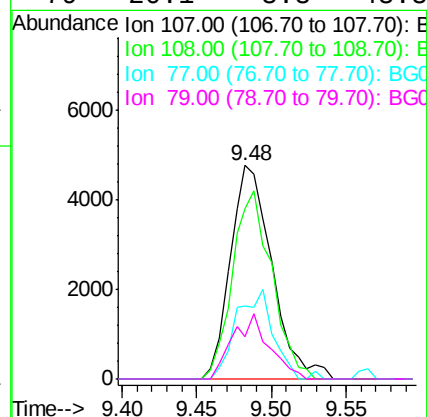
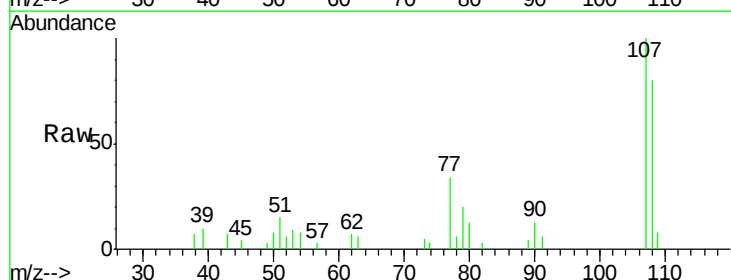
Ion Ratio Lower Upper

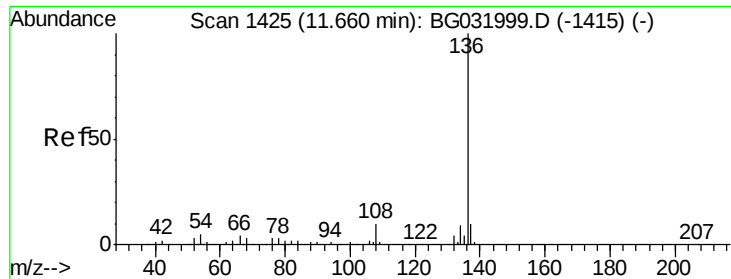
107 100

108 79.5 61.6 101.6

77 34.2 13.9 53.9

79 20.1 8.8 48.8

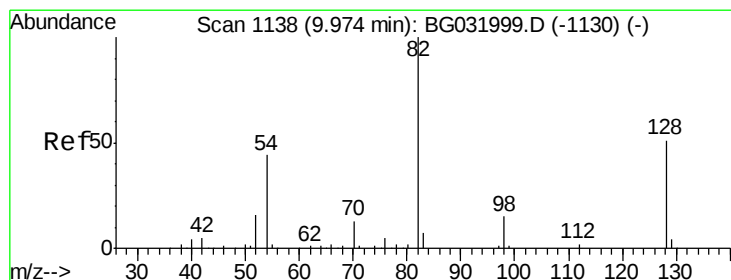
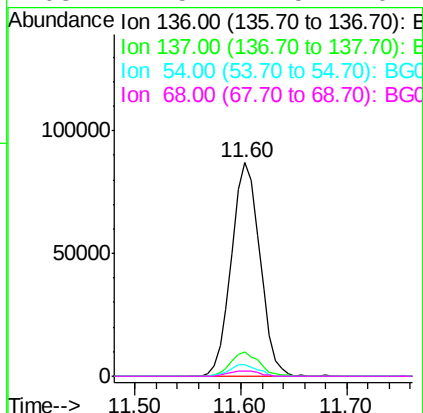
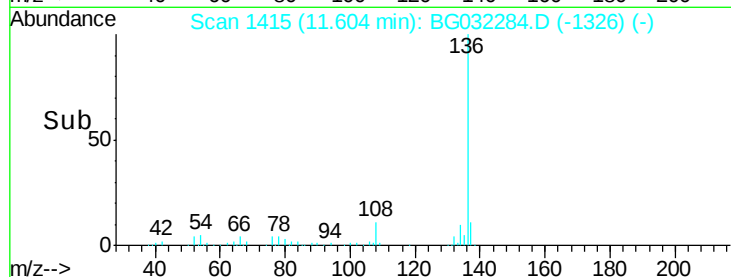
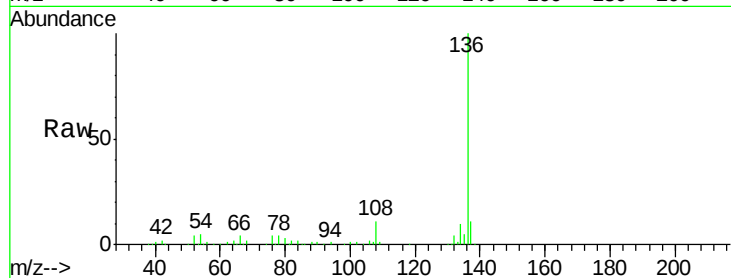




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032284.D
Acq: 25 Jan 2018 6:24

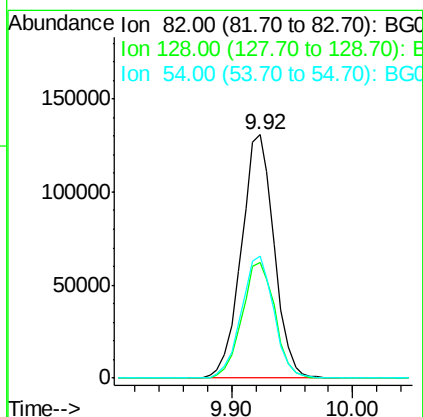
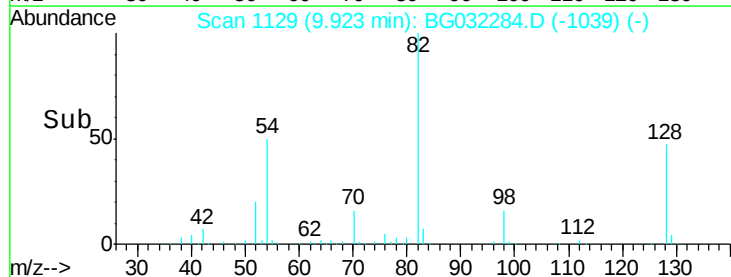
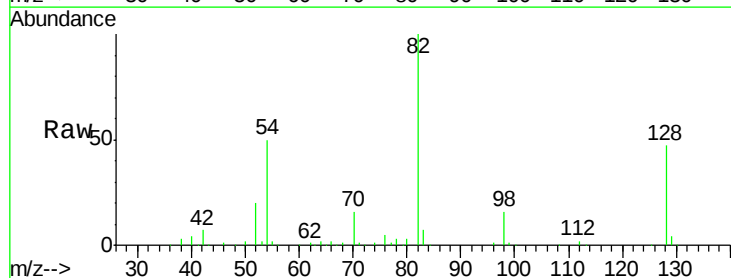
Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:	136	Resp:	161944
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.1	10.3	15.5#
68	2.5	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 103.065 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032284.D
Acq: 25 Jan 2018 6:24

Tgt Ion:	82	Resp:	246706
Ion	Ratio	Lower	Upper
82	100		
128	47.3	29.7	44.5#
54	49.9	43.1	64.7

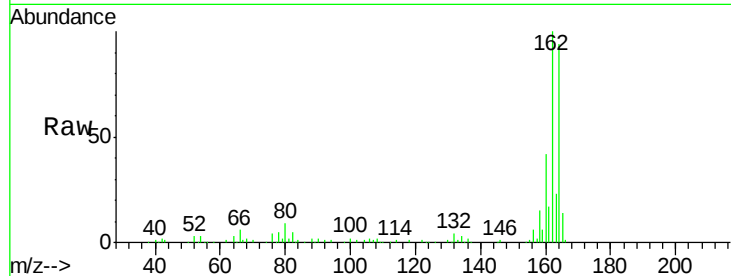




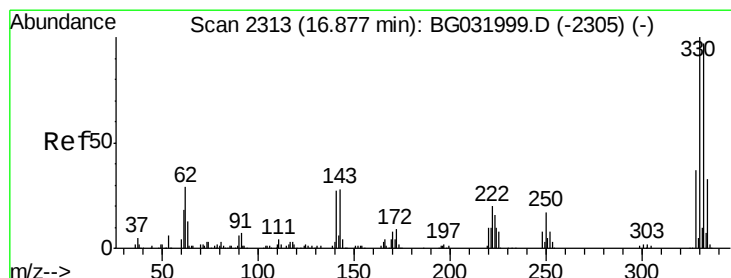
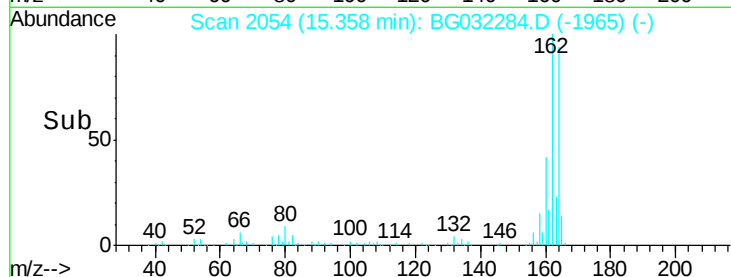
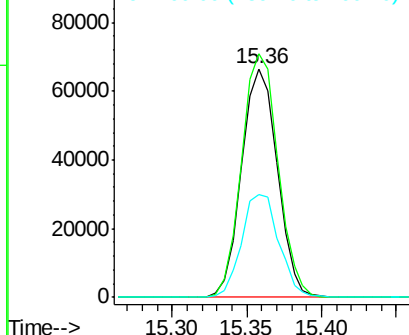
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG032284.D
 Acq: 25 Jan 2018 6:24

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Tgt Ion:164 Resp: 110536
 Ion Ratio Lower Upper
 164 100
 162 106.5 78.8 118.2
 160 45.0 35.4 53.0

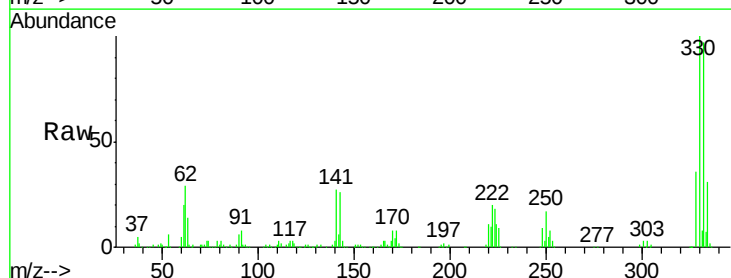


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

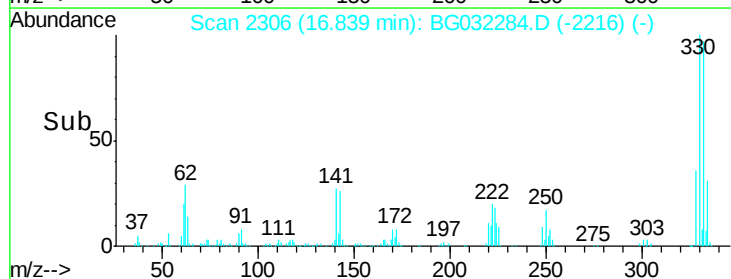
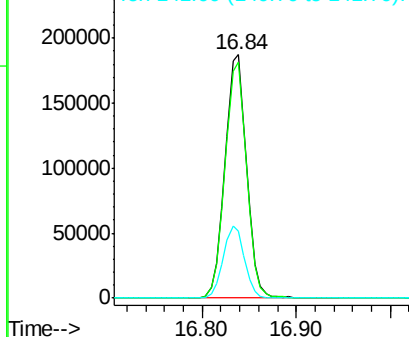


#41
 2,4,6-Tribromophenol
 Concen: 164.214 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032284.D
 Acq: 25 Jan 2018 6:24

Tgt Ion:330 Resp: 300366
 Ion Ratio Lower Upper
 330 100
 332 96.6 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

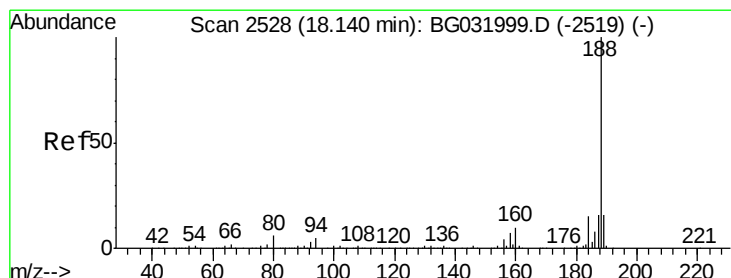
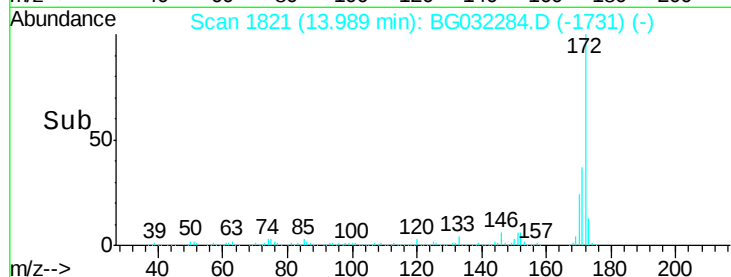
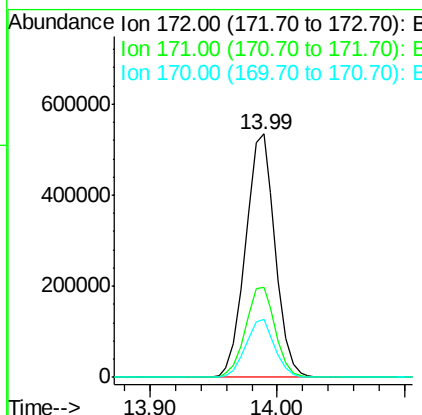
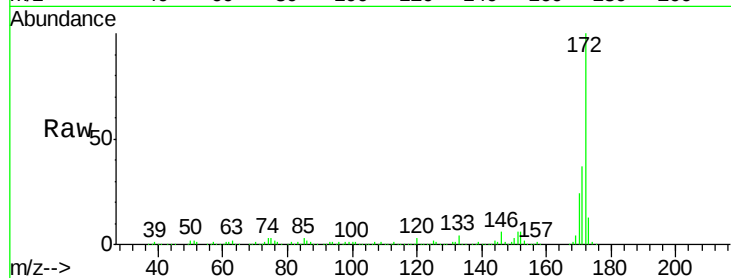




#44
 2-Fluorobiphenyl
 Concen: 96.685 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032284.D
 Acq: 25 Jan 2018 6:24

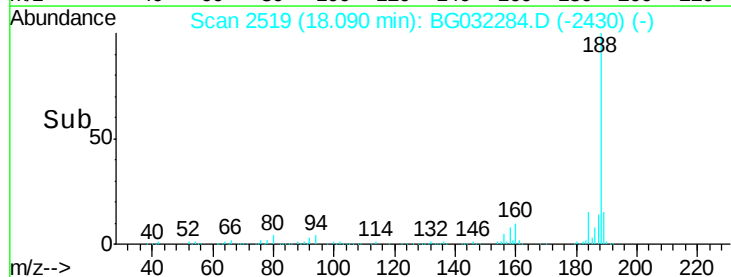
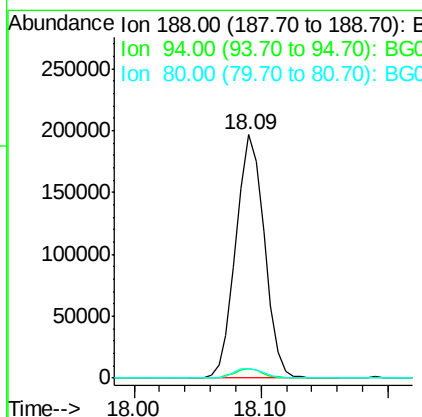
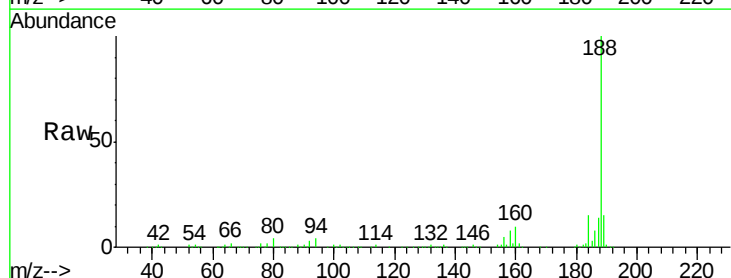
Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

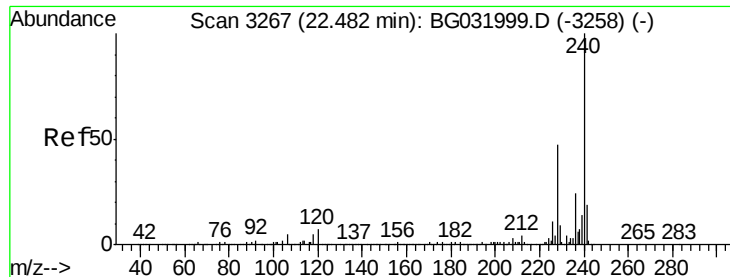
Tgt Ion:172 Resp: 861905
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG032284.D
 Acq: 25 Jan 2018 6:24

Tgt Ion:188 Resp: 307384
 Ion Ratio Lower Upper
 188 100
 94 3.7 6.9 10.3#
 80 4.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BG032284.D

Acq: 25 Jan 2018 6:24

Instrument :

BNA_G

ClientSampleId :

OWS-3

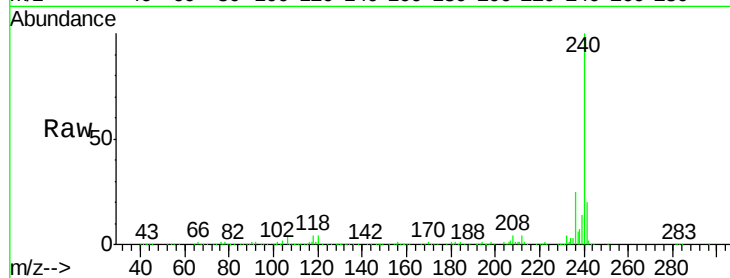
Tgt Ion:240 Resp: 396762

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

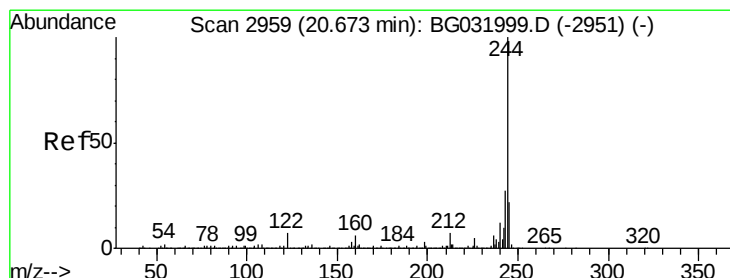
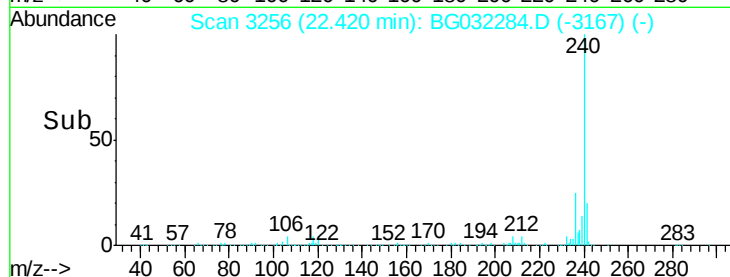
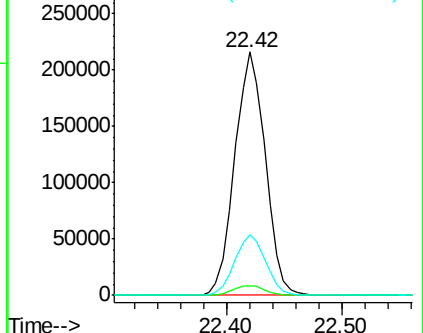
236 24.7 20.9 31.3



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: 99.412 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032284.D

Acq: 25 Jan 2018 6:24

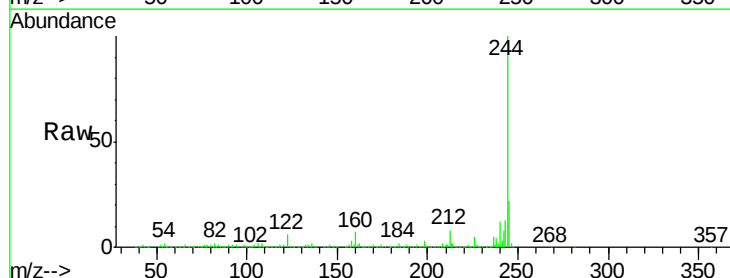
Tgt Ion:244 Resp: 1786323

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

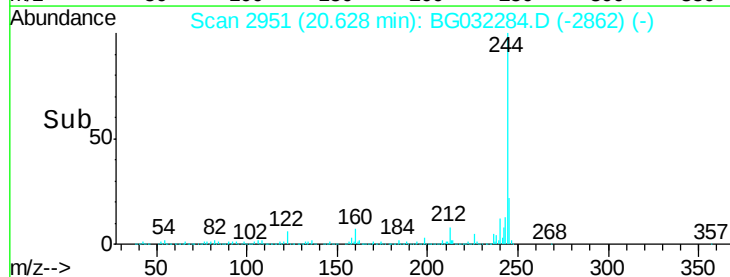
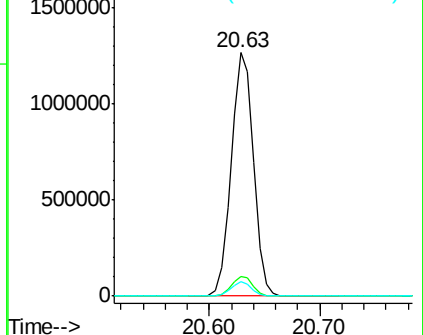
122 6.1 7.0 10.4#

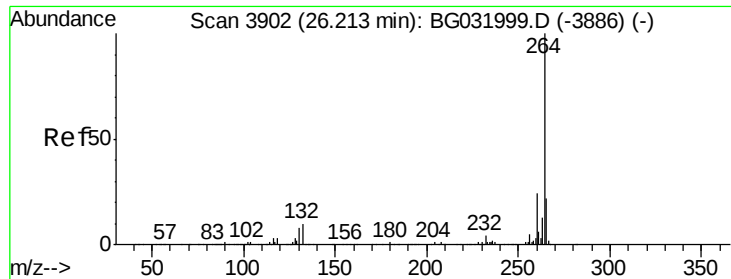


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BG032284.D
Acq: 25 Jan 2018 6:24

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion: 264 Resp: 409678

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	17.7	26.5

