

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032030.D
 Acq On : 13 Jan 2018 8:55
 Operator : SJ/JU
 Sample : J1098-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-4

Quant Time: Jan 15 10:24:45 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

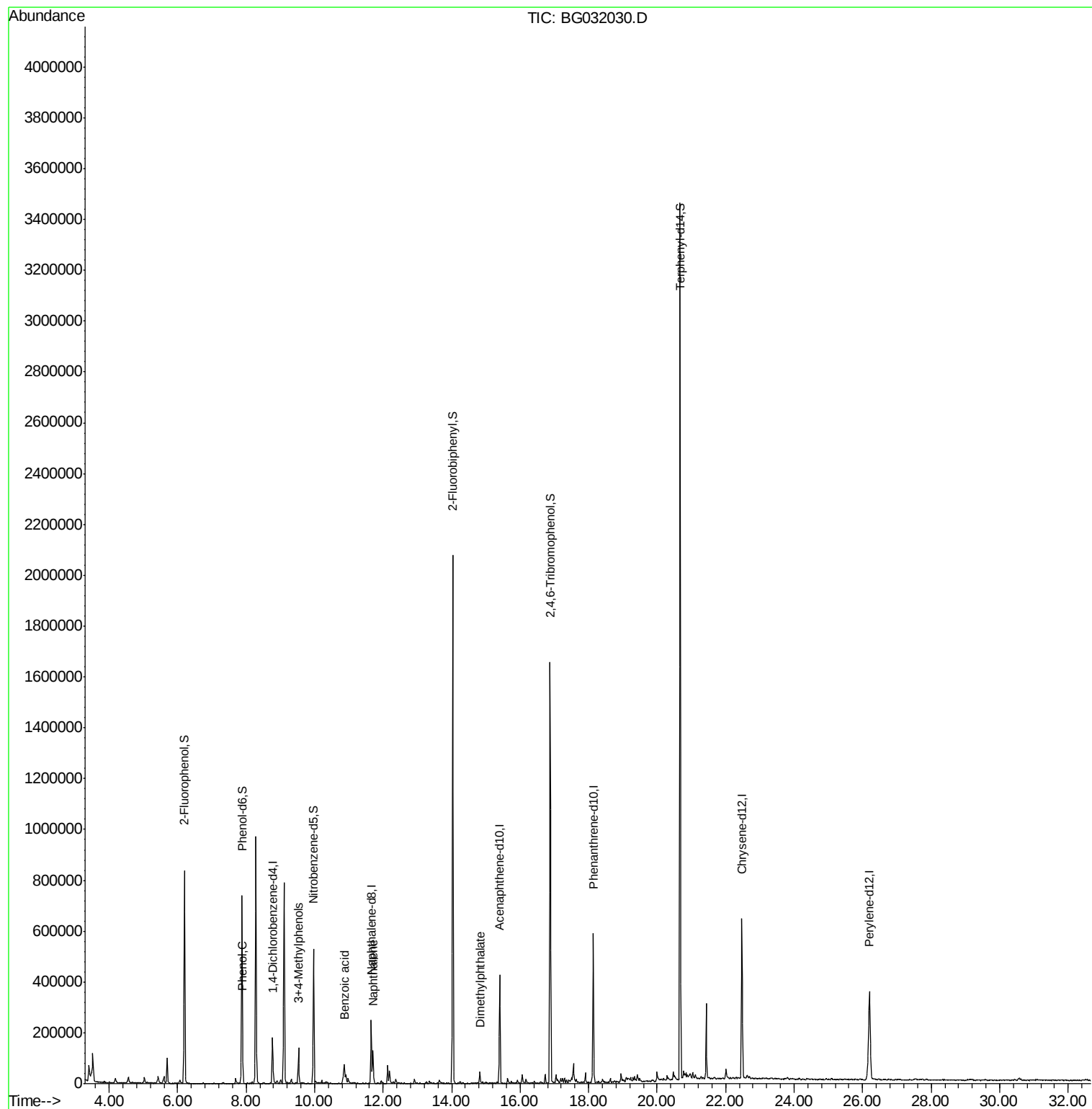
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	60790	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	247940	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	166765	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	409647	20.00	ng	0.00
75) Chrysene-d12	22.47	240	474698	20.00	ng	0.00
86) Perylene-d12	26.20	264	496100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	445925	134.16	ng	0.00
7) Phenol-d6	7.88	99	512203	122.36	ng	0.00
23) Nitrobenzene-d5	9.97	82	352550	96.20	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	397607	144.08	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1231519	91.57	ng	0.00
78) Terphenyl-d14	20.67	244	1814340	84.39	ng	0.00
Target Compounds						
10) Phenol	7.90	94	10475	2.540	ng	Qvalue # 76
20) 3+4-Methylphenols	9.53	107	76115	17.435	ng	89
31) Naphthalene	11.70	128	121959	9.930	ng	97
32) Benzoic acid	10.86	122	49850	21.355	ng	# 81
49) Dimethylphthalate	14.82	163	33005	2.262	ng	# 93

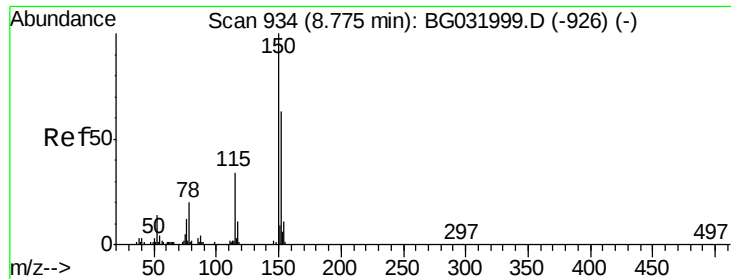
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032030.D
Acq On : 13 Jan 2018 8:55
Operator : SJ/JU
Sample : J1098-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jan 15 10:24:45 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



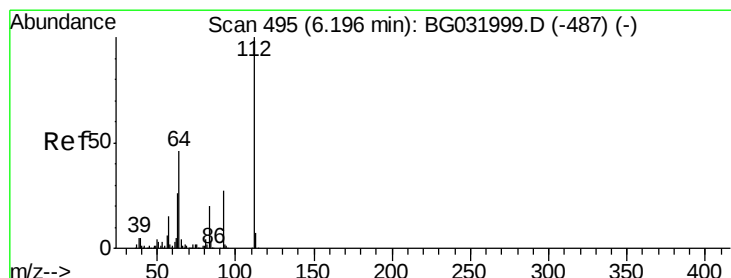
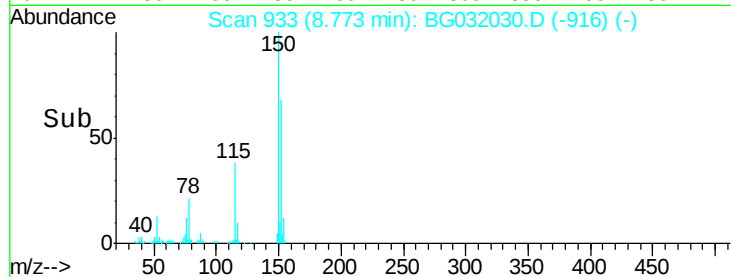
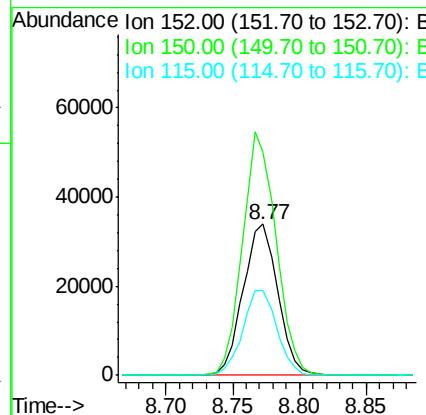
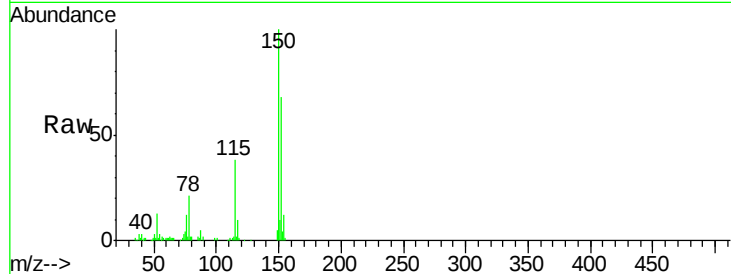


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

Instrument :
BNA_G
ClientSampleId :
OWS-4

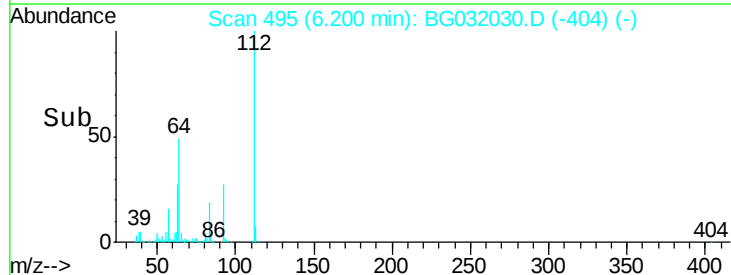
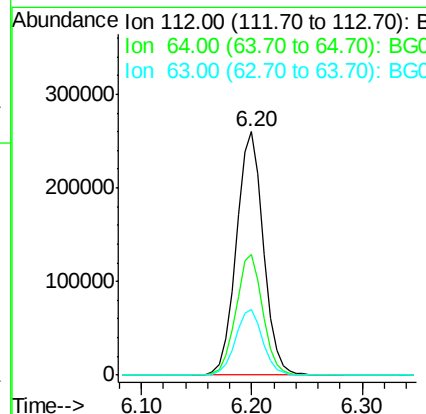
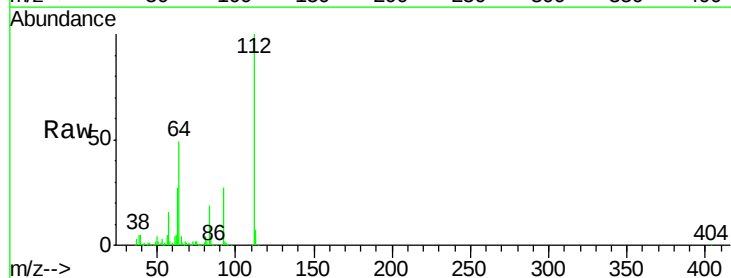
Tgt Ion:152 Resp: 60790
Ion Ratio Lower Upper
152 100
150 147.9 126.6 189.8
115 56.5 53.0 79.4

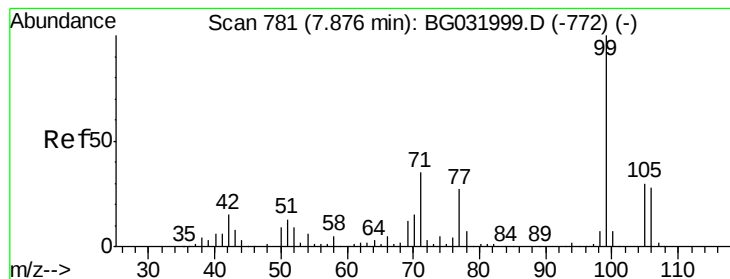


#5

2-Fluorophenol
Concen: 134.161 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

Tgt Ion:112 Resp: 445925
Ion Ratio Lower Upper
112 100
64 49.3 56.3 84.5#
63 27.2 30.1 45.1#





#7

Phenol-d6

Concen: 122.358 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032030.D

Acq: 13 Jan 2018 8:55

Instrument :

BNA_G

ClientSampled :

OWS-4

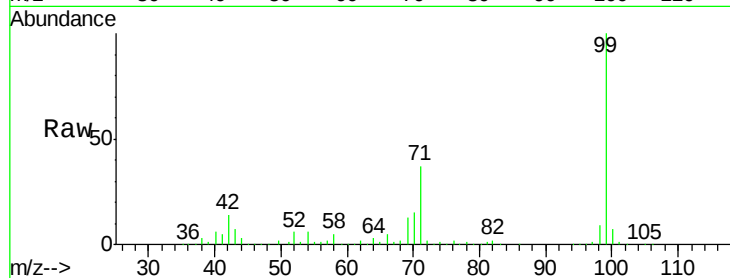
Tgt Ion: 99 Resp: 512203

Ion Ratio Lower Upper

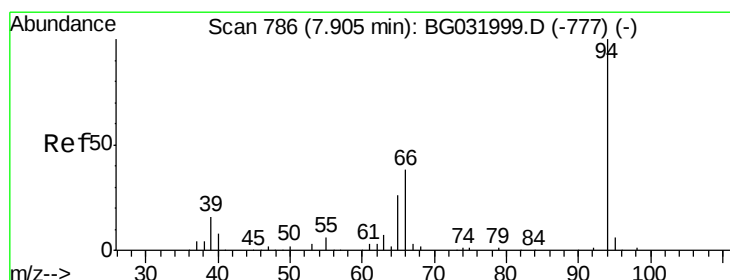
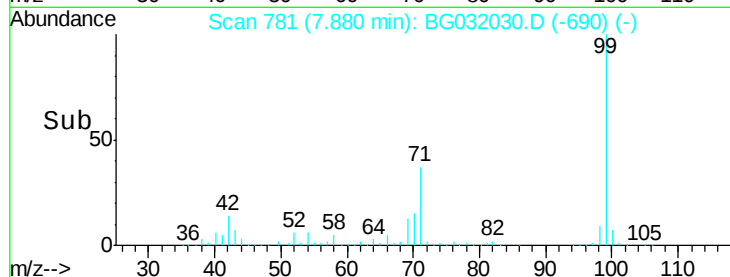
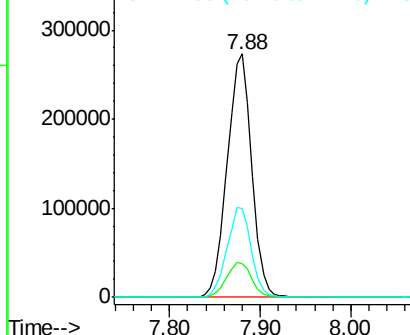
99 100

42 13.7 14.1 21.1#

71 36.7 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



#10

Phenol

Concen: 2.540 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032030.D

Acq: 13 Jan 2018 8:55

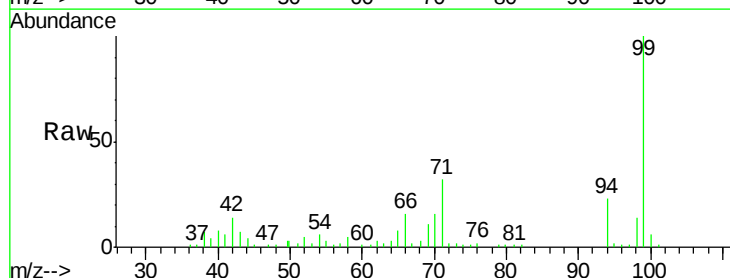
Tgt Ion: 94 Resp: 10475

Ion Ratio Lower Upper

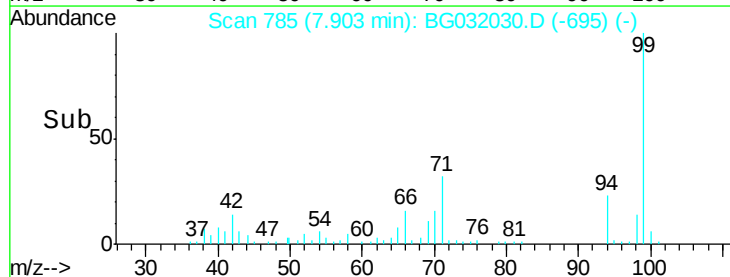
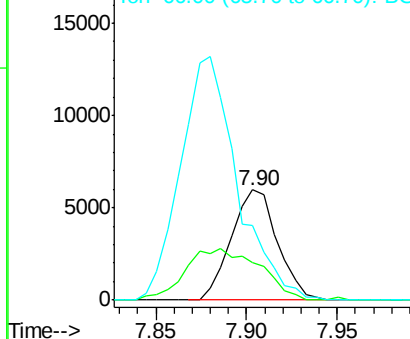
94 100

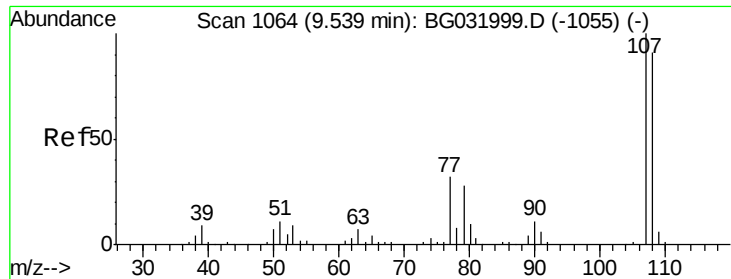
65 33.7 11.9 51.9

66 67.3 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

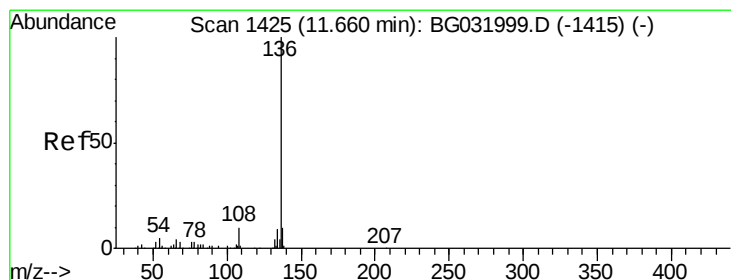
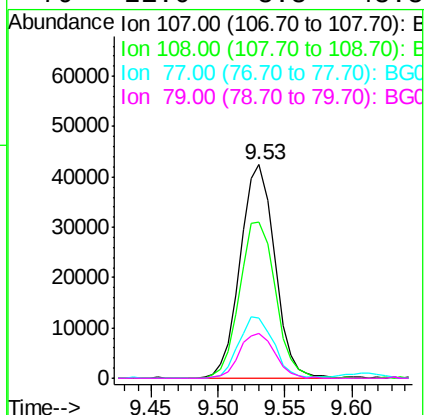
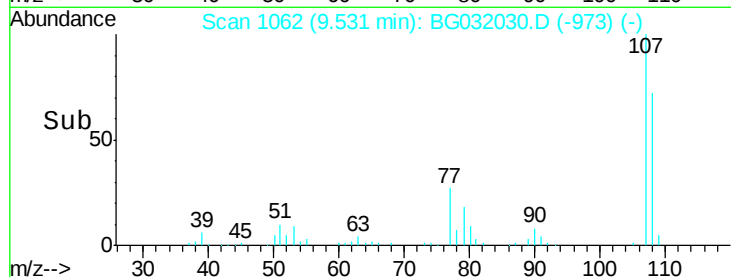
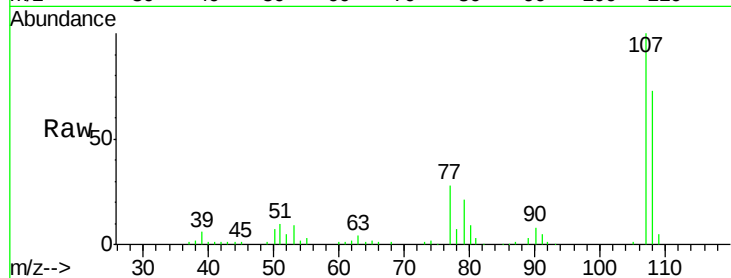




#20
3+4-Methylphenols
Concen: 17.435 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

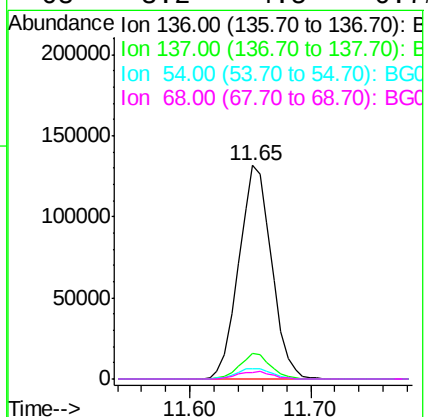
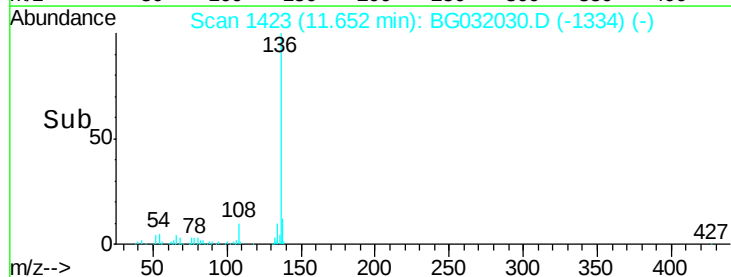
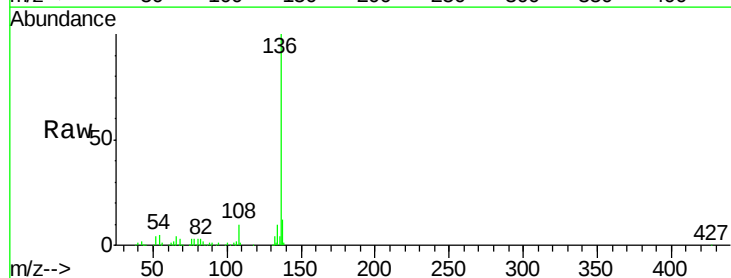
Instrument :
BNA_G
ClientSampleId :
OWS-4

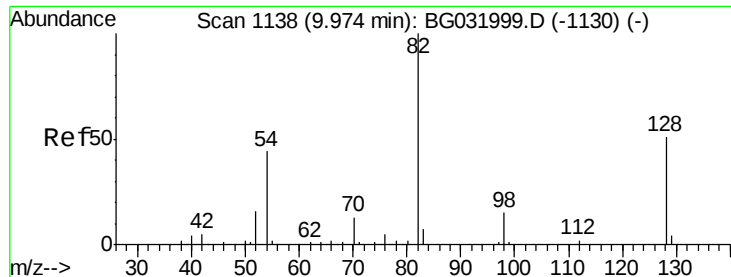
Tgt Ion:	107	Resp:	76115
Ion	Ratio	Lower	Upper
107	100		
108	73.3	61.6	101.6
77	27.9	13.9	53.9
79	21.0	8.8	48.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

Tgt Ion:	136	Resp:	247940
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	5.1	10.3	15.5#
68	3.2	4.5	6.7#

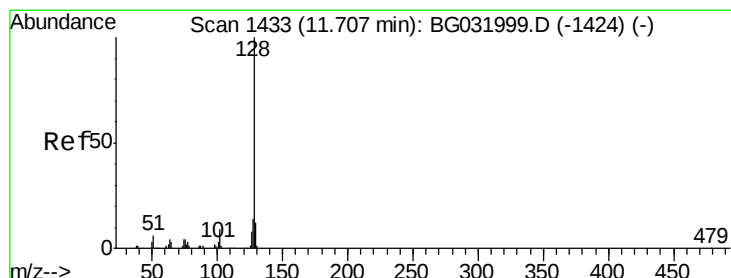
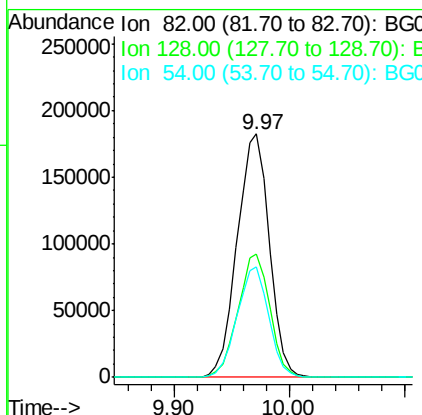
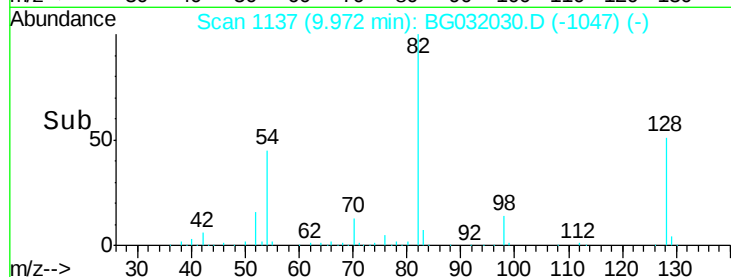
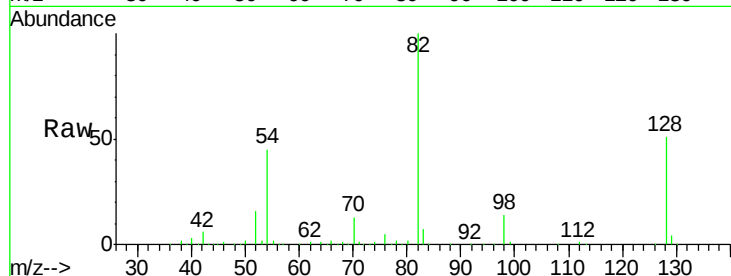




#23
 Nitrobenzene-d5
 Concen: 96.199 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: BG032030.D
 Acq: 13 Jan 2018 8:55

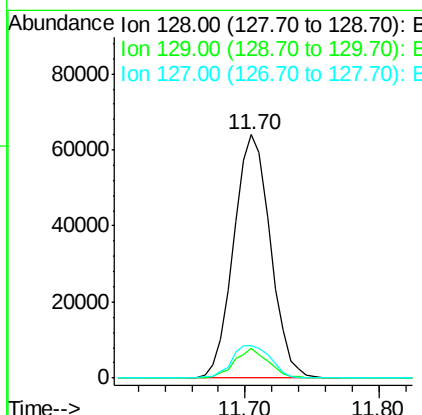
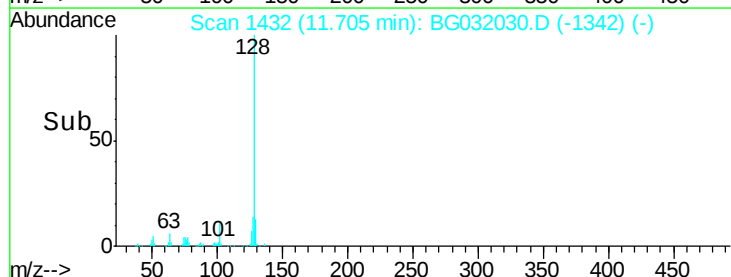
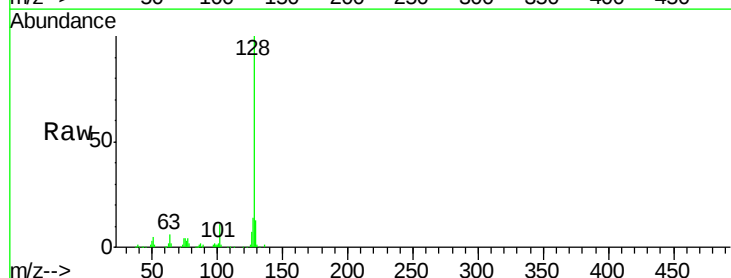
Instrument :
 BNA_G
 ClientSampled :
 OWS-4

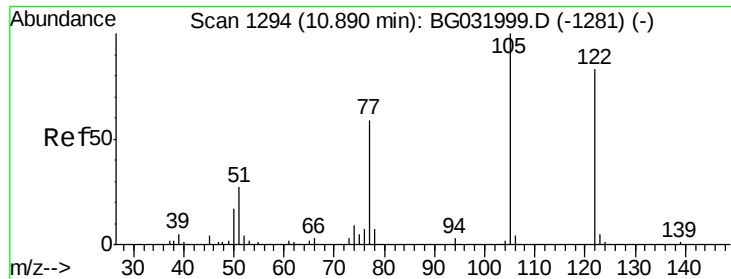
Tgt Ion: 82 Resp: 352550
 Ion Ratio Lower Upper
 82 100
 128 50.8 29.7 44.5#
 54 45.4 43.1 64.7



#31
 Naphthalene
 Concen: 9.930 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BG032030.D
 Acq: 13 Jan 2018 8:55

Tgt Ion: 128 Resp: 121959
 Ion Ratio Lower Upper
 128 100
 129 12.5 8.6 12.8
 127 13.5 11.6 17.4

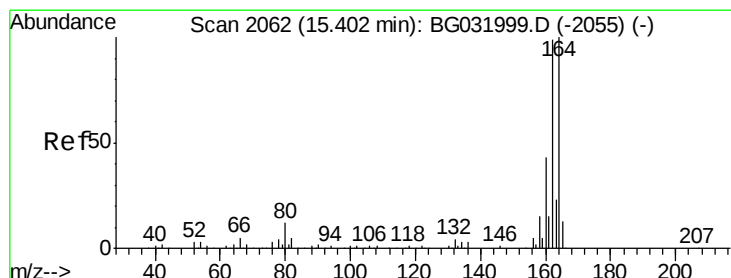
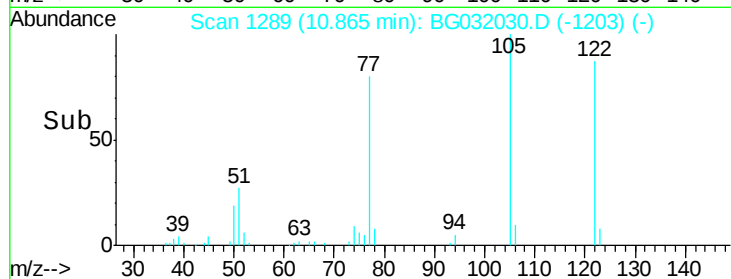
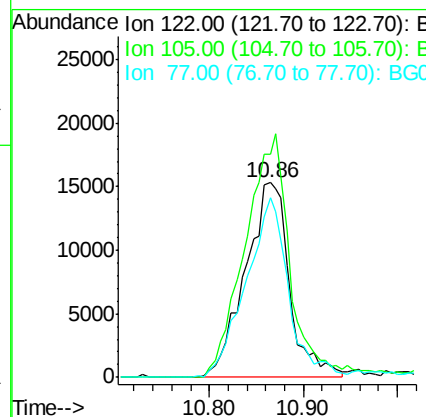
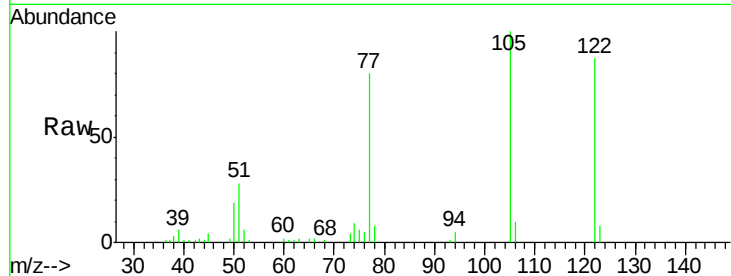




#32
Benzoic acid
Concen: 21.355 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

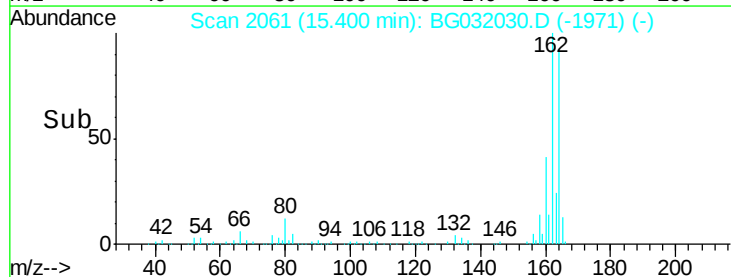
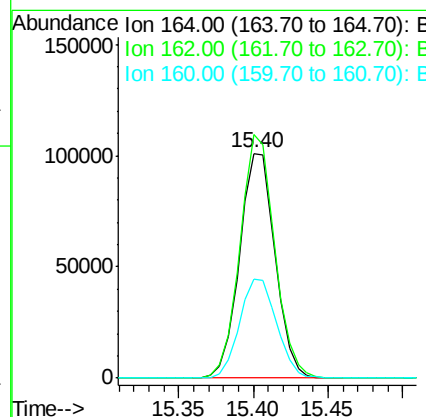
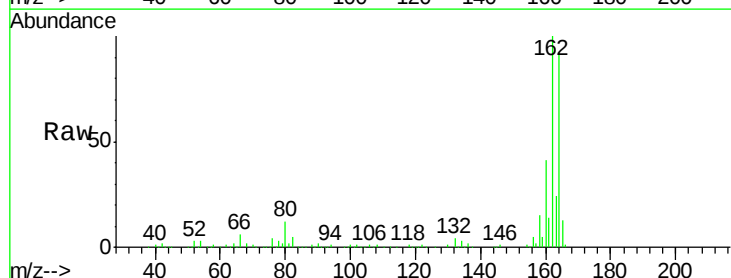
Instrument :
BNA_G
ClientSampleId :
OWS-4

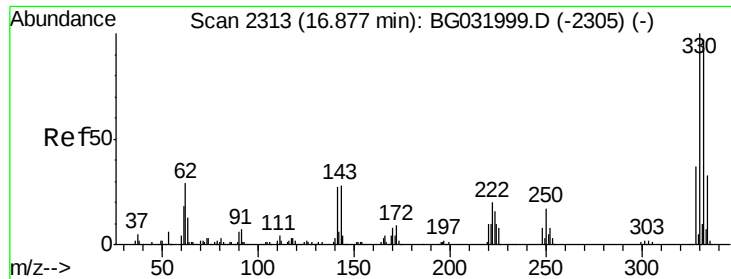
Tgt Ion:122 Resp: 49850
Ion Ratio Lower Upper
122 100
105 114.7 123.5 163.5#
77 92.1 85.7 125.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

Tgt Ion:164 Resp: 166765
Ion Ratio Lower Upper
164 100
162 108.4 78.8 118.2
160 44.2 35.4 53.0

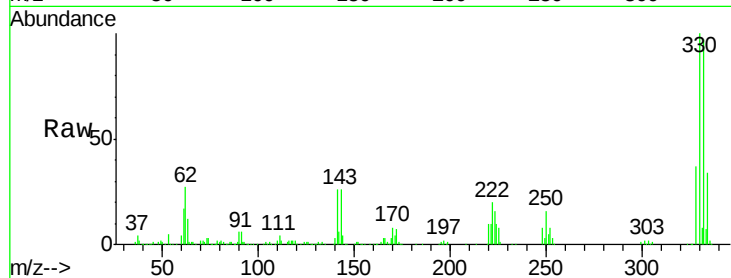




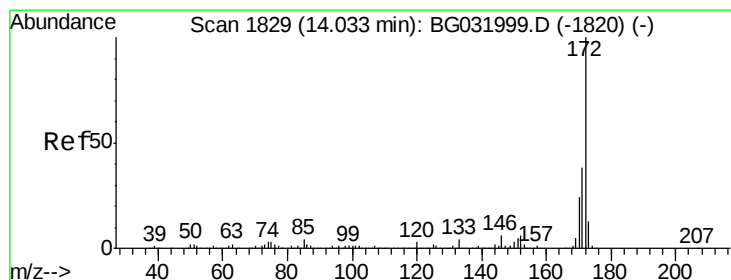
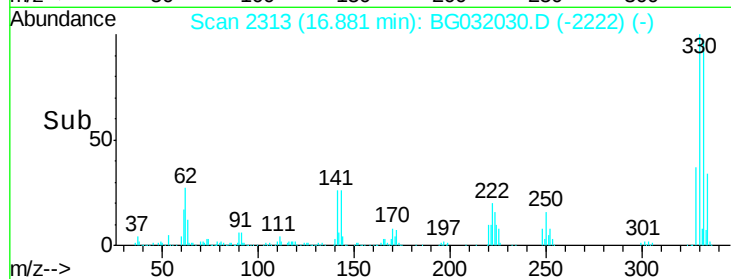
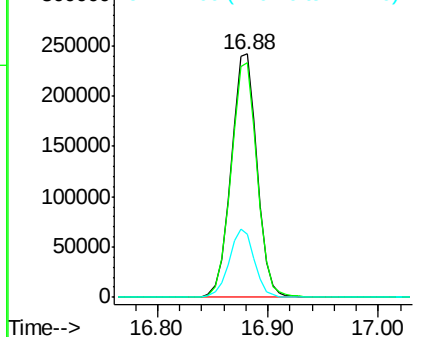
#41
 2,4,6-Tribromophenol
 Concen: 144.083 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG032030.D
 Acq: 13 Jan 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 OWS-4

Tgt Ion:330 Resp: 397607
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 27.5 25.2 37.8

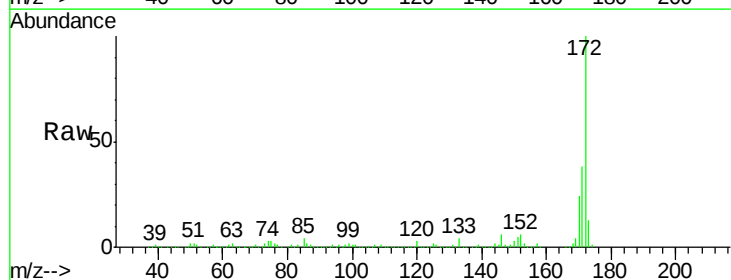


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

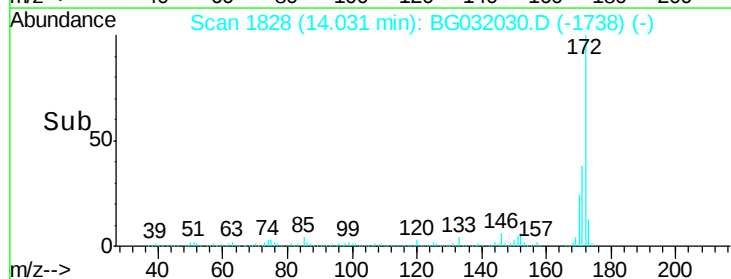
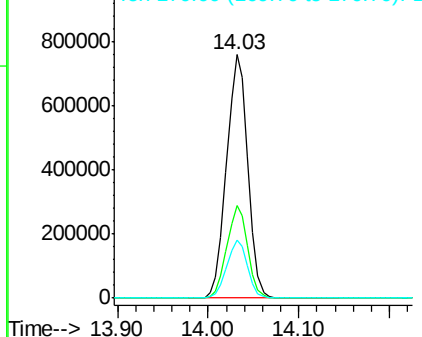


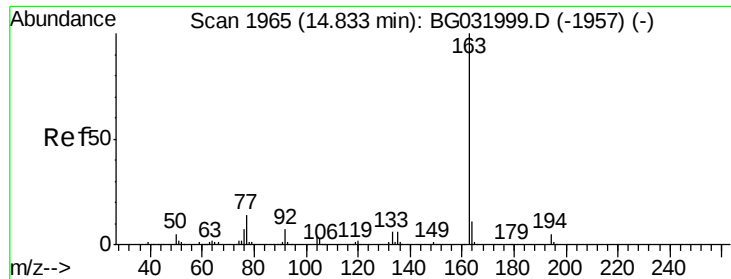
#44
 2-Fluorobiphenyl
 Concen: 91.567 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032030.D
 Acq: 13 Jan 2018 8:55

Tgt Ion:172 Resp: 1231519
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.7 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





#49

Dimethylphthalate

Concen: 2.262 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032030.D

Acq: 13 Jan 2018 8:55

Instrument :

BNA_G

ClientSampleId :

OWS-4

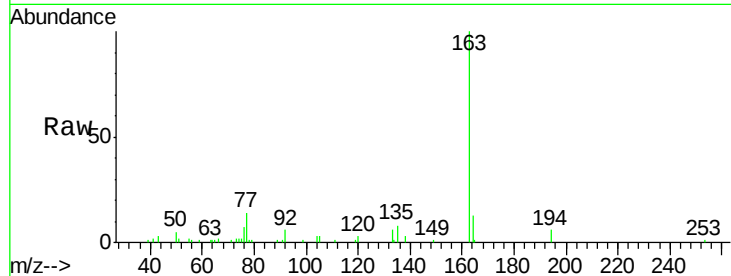
Tgt Ion:163 Resp: 33005

Ion Ratio Lower Upper

163 100

194 6.0 3.4 5.2#

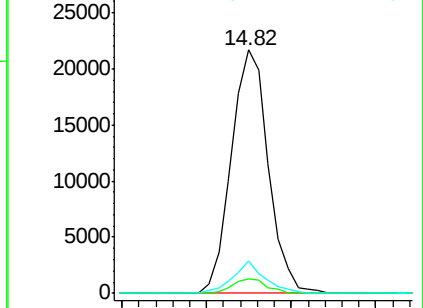
164 13.1 8.2 12.4#



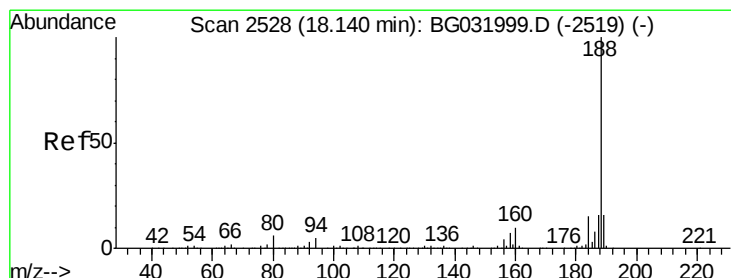
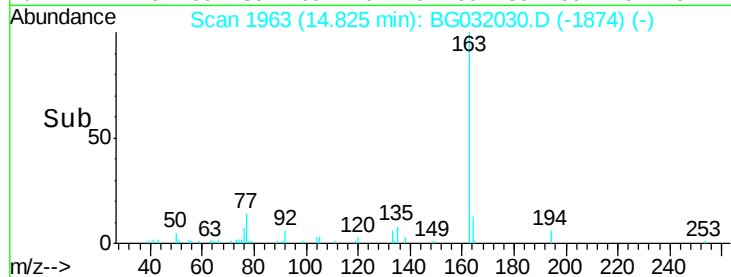
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.75 14.80 14.85 14.90



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.14 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG032030.D

Acq: 13 Jan 2018 8:55

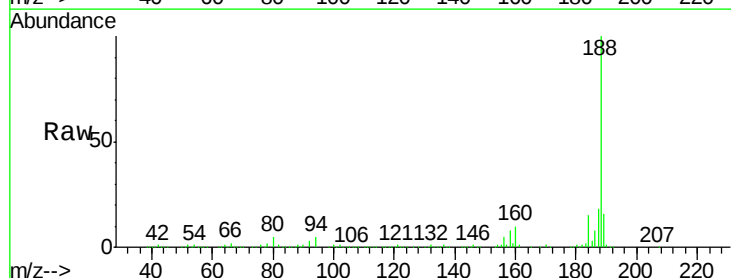
Tgt Ion:188 Resp: 409647

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

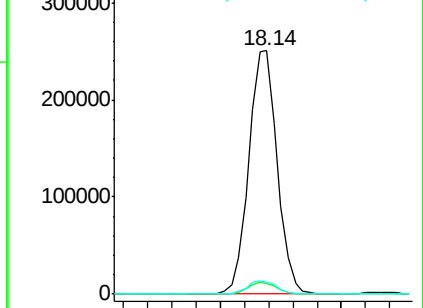
80 5.1 7.7 11.5#



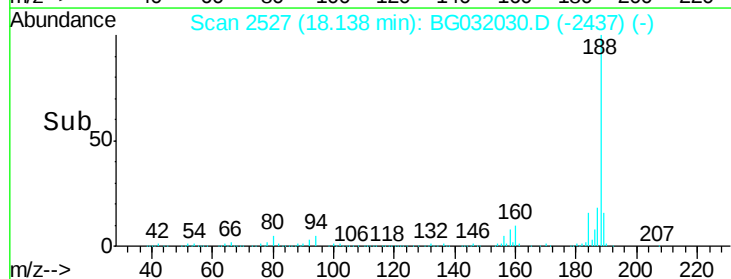
Abundance Ion 188.00 (187.70 to 188.70): E

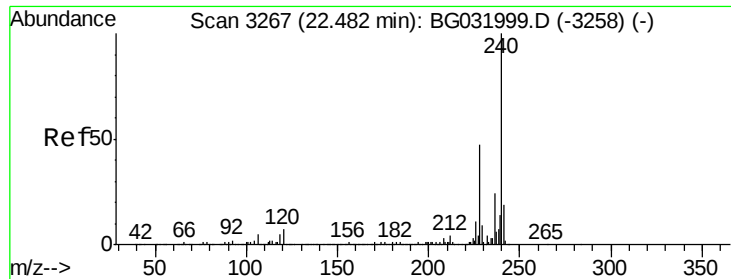
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 18.10 18.20

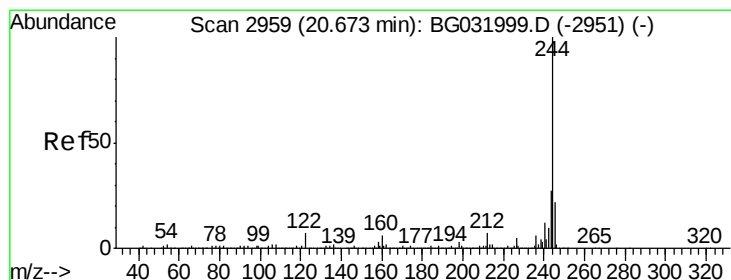
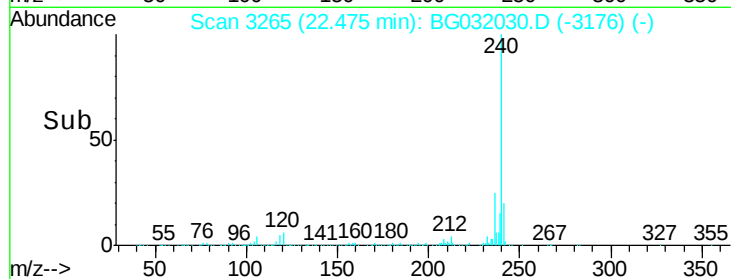
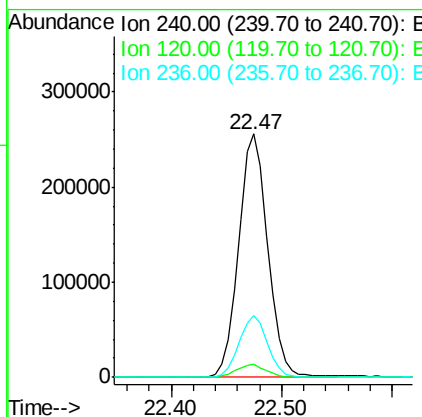
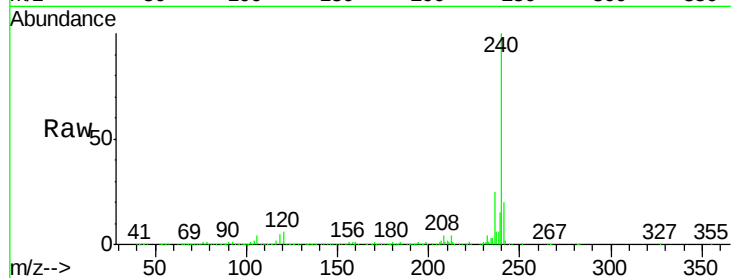




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

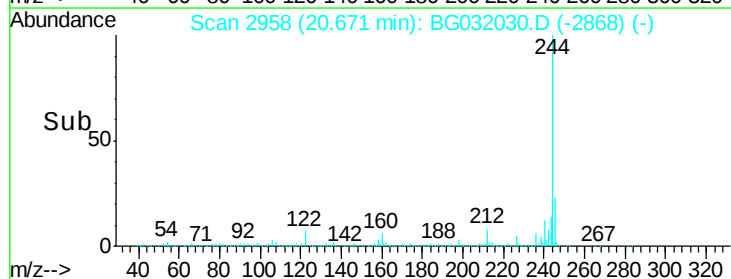
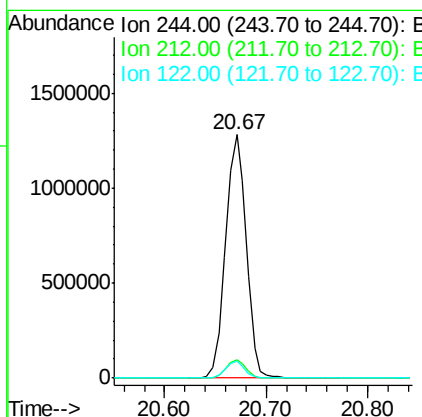
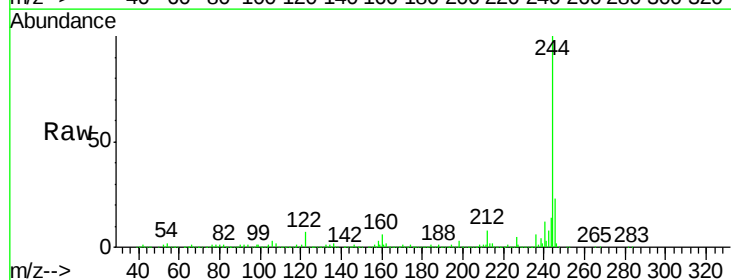
Instrument :
BNA_G
ClientSampleId :
OWS-4

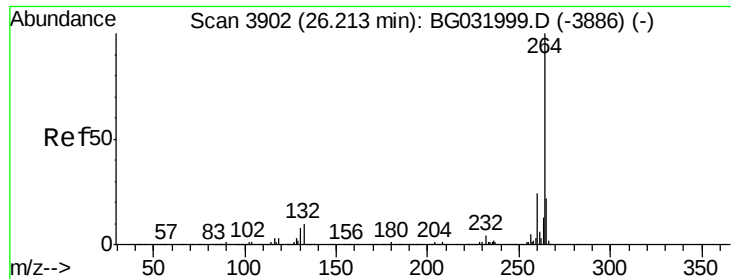
Tgt Ion:240 Resp: 474698
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 25.5 20.9 31.3



#78
Terphenyl-d14
Concen: 84.393 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

Tgt Ion:244 Resp: 1814340
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 6.9 7.0 10.4#

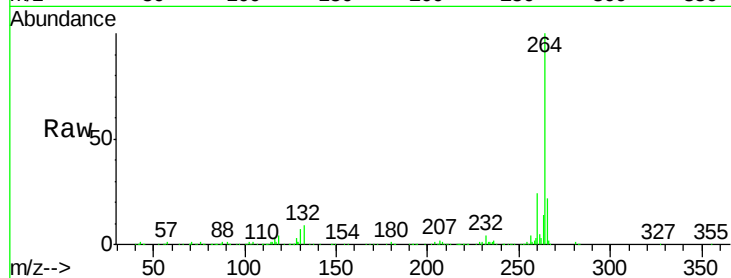




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3899
Delta R.T. -0.01 min
Lab File: BG032030.D
Acq: 13 Jan 2018 8:55

Instrument :
BNA_G
ClientSampleId :
OWS-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.4	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

