

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032466.D
 Acq On : 31 Jan 2018 15:29
 Operator : SJ/JU
 Sample : J1364-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Feb 01 02:19:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

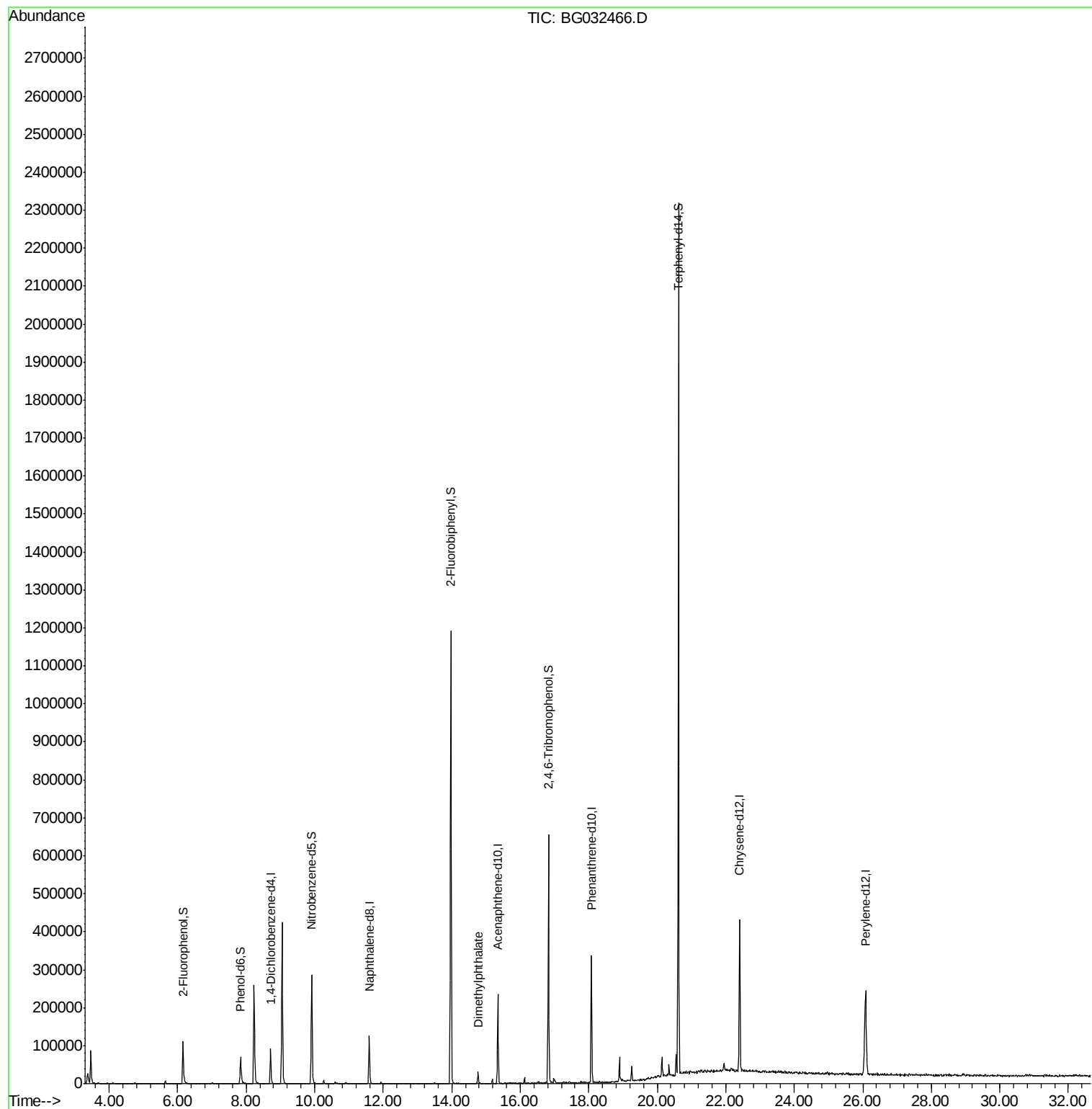
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	33046	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	129750	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	92828	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	232186	20.00	ng	0.00
75) Chrysene-d12	22.40	240	290428	20.00	ng	-0.01
86) Perylene-d12	26.08	264	310299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	67277	40.89	ng	0.00
7) Phenol-d6	7.83	99	52725	24.02	ng	0.00
23) Nitrobenzene-d5	9.91	82	190419	91.67	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	158034	89.44	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	706893	90.51	ng	-0.01
78) Terphenyl-d14	20.62	244	1206444	88.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.77	163	23520	2.748	ng	Qvalue # 96

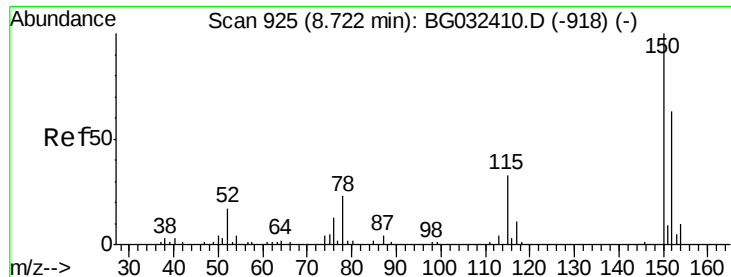
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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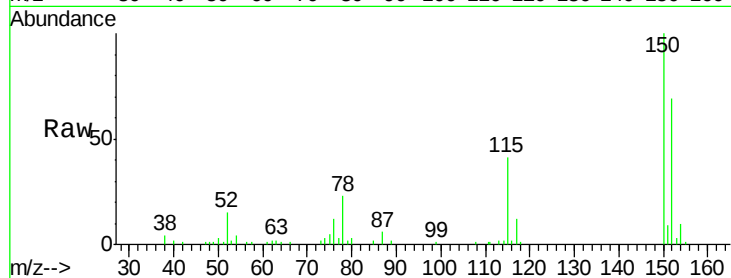


#1

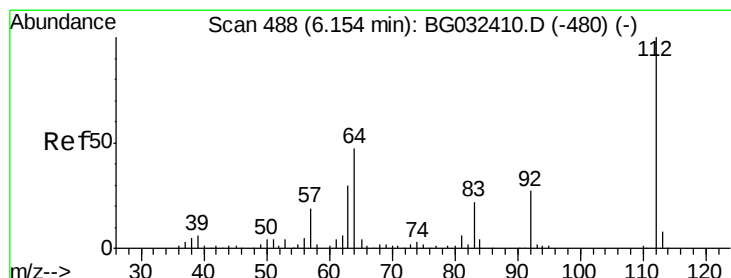
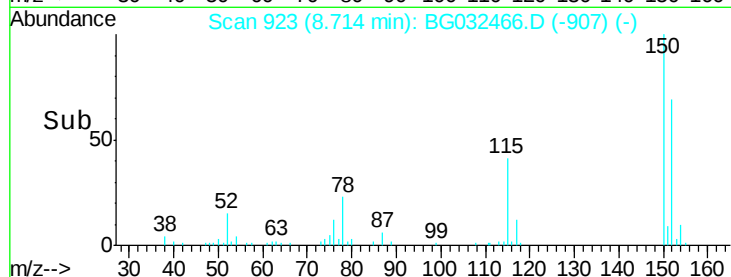
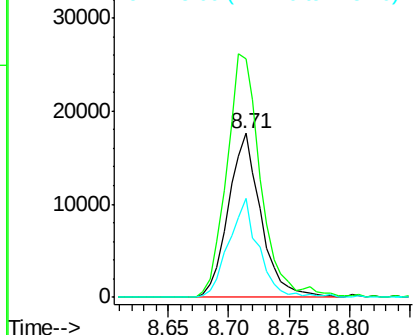
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Instrument :
BNA_G
ClientSampleId :
MW-04

Tot Ion:152 Resp: 33046
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 60.1 53.0 79.4



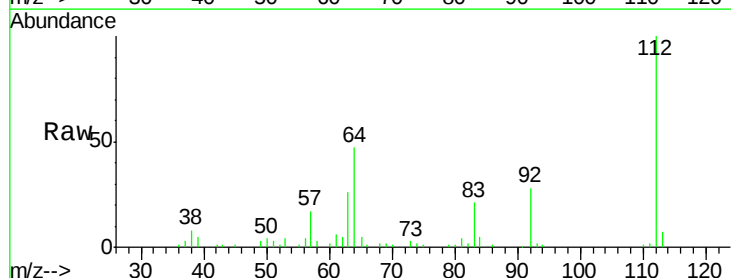
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



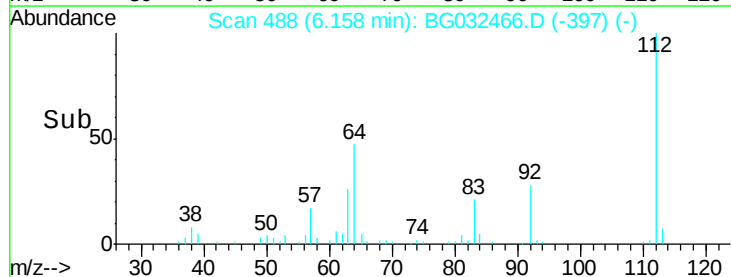
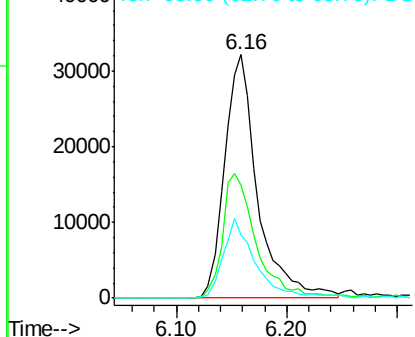
#5

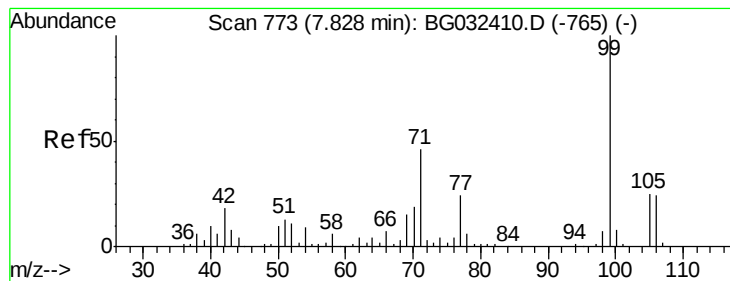
2-Fluorophenol
Concen: 40.891 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032466.D
Acq: 31 Jan 2018 15:29

Tgt Ion:112 Resp: 67277
Ion Ratio Lower Upper
112 100
64 46.5 56.3 84.5#
63 25.8 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: 24.015 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032466.D

Acq: 31 Jan 2018 15:29

Instrument :

BNA_G

ClientSampleId :

MW-04

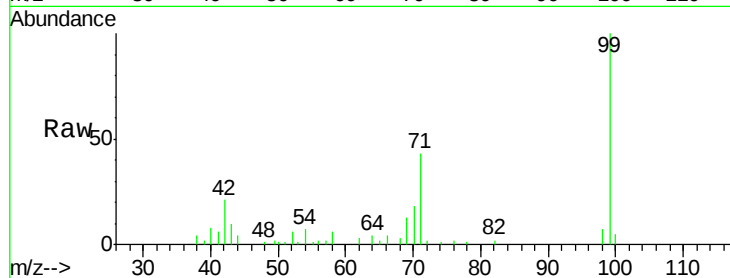
Tot Ion: 99 Resp: 52725

Ion Ratio Lower Upper

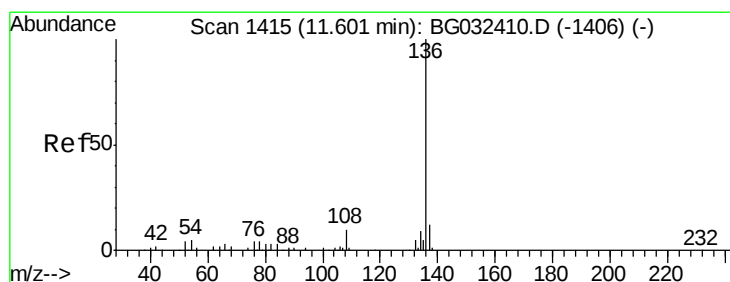
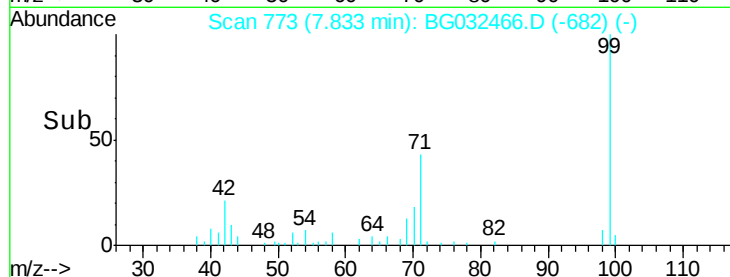
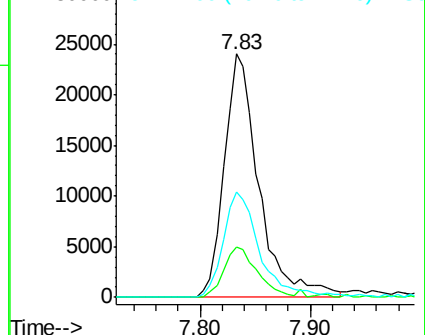
99 100

42 20.5 14.1 21.1

71 43.5 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: 11.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BG032466.D

Acq: 31 Jan 2018 15:29

Tgt Ion: 136 Resp: 129750

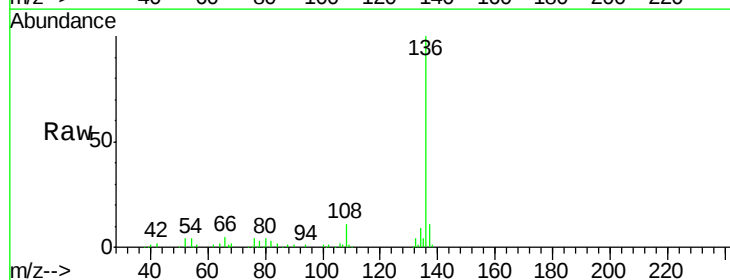
Ion Ratio Lower Upper

136 100

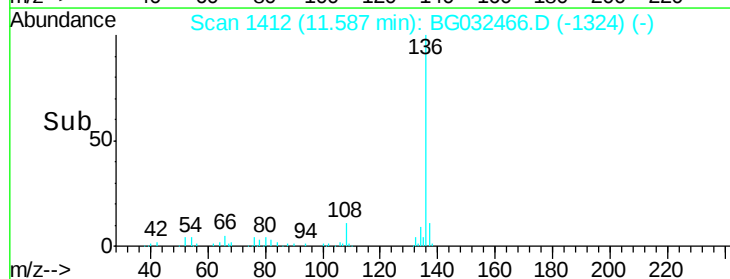
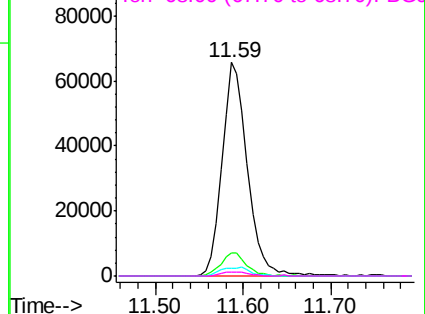
137 10.8 9.2 13.8

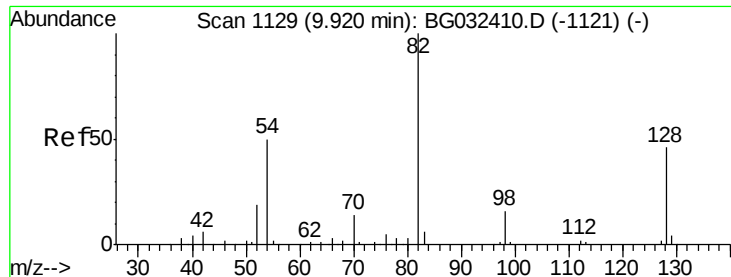
54 3.9 10.3 15.5#

68 2.1 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

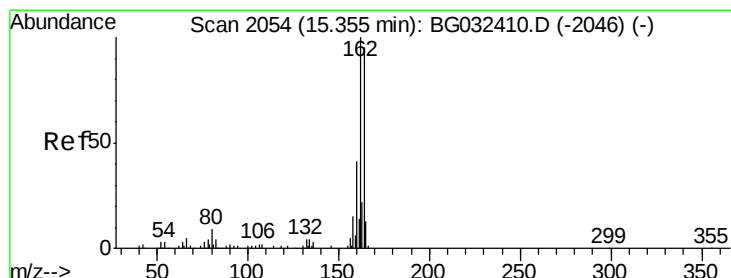
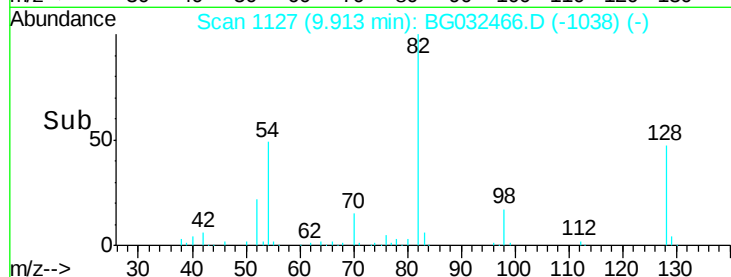
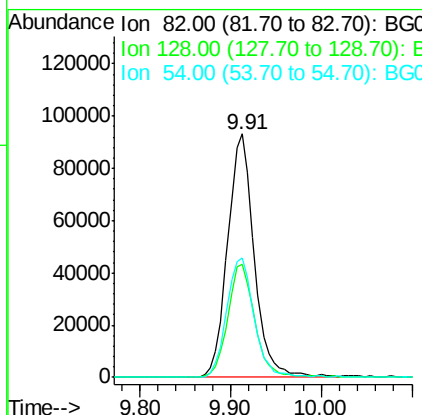
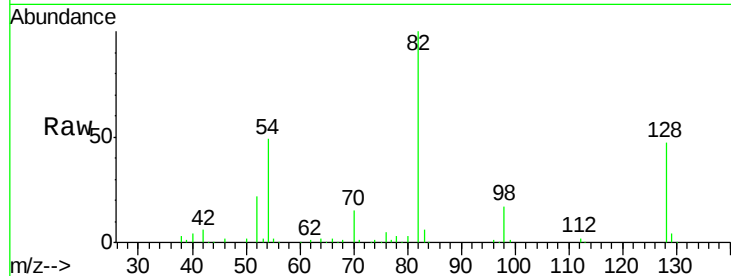




#23
 Nitrobenzene-d5
 Concen: 91.666 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032466.D
 Acq: 31 Jan 2018 15:29

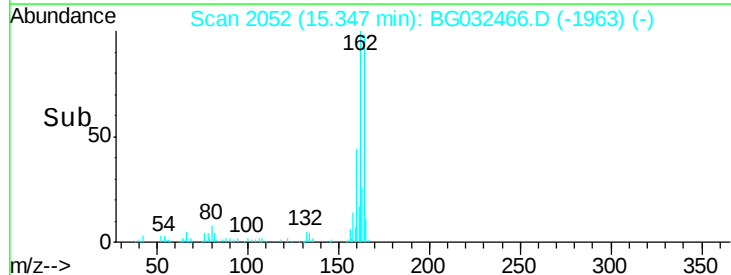
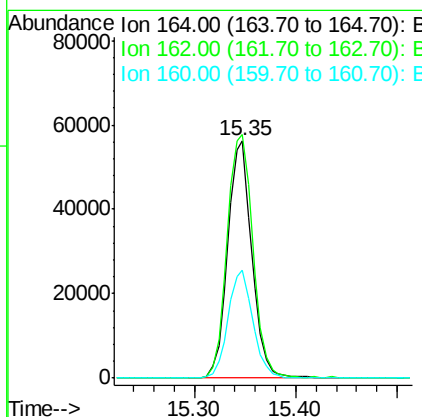
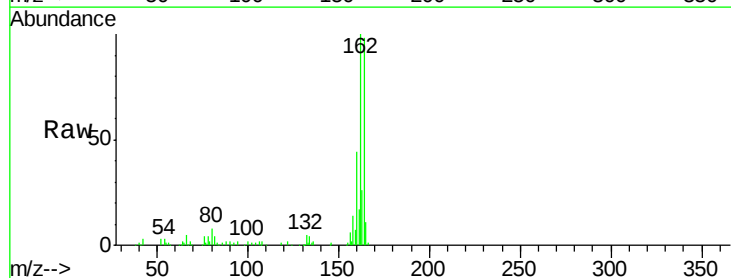
Instrument :
 BNA_G
 ClientSampleId :
 MW-04

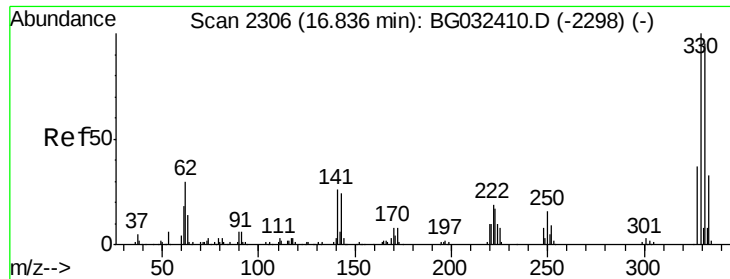
Tot Ion	82	Resp	190419
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
128	46.6		
54	49.0		
	43.1		
	64.7		



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032466.D
 Acq: 31 Jan 2018 15:29

Tgt Ion	164	Resp	92828
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
162	102.5		
160	45.3		
	35.4		
	53.0		

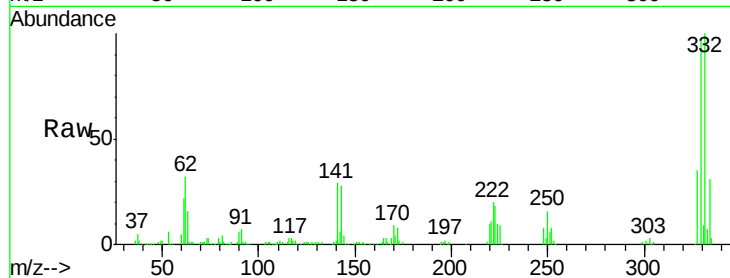




#41
 2,4,6-Tribromophenol
 Concen: 89.437 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032466.D
 Acq: 31 Jan 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	28.2	25.2	37.8

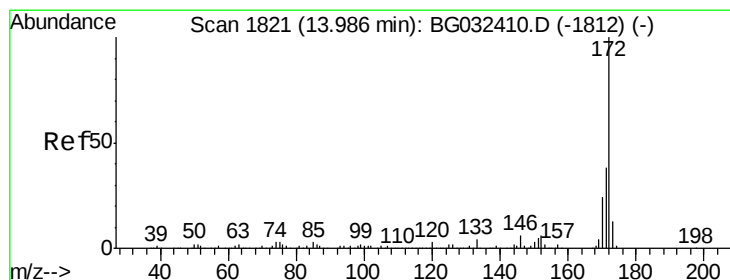
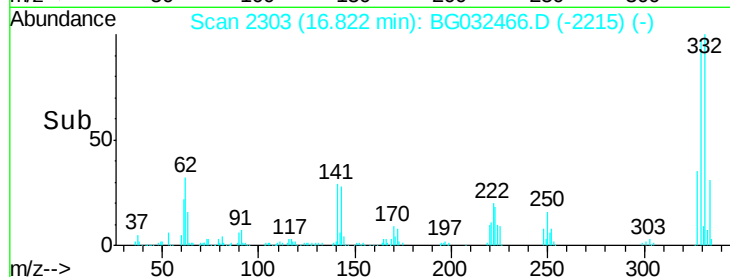
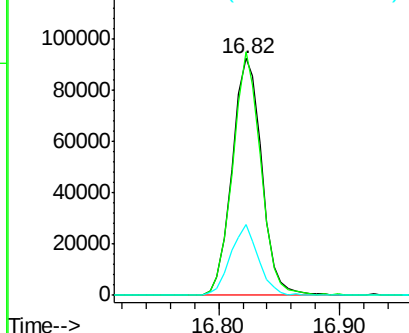


Abundance

Ion 329.80 (329.50 to 330.50): E

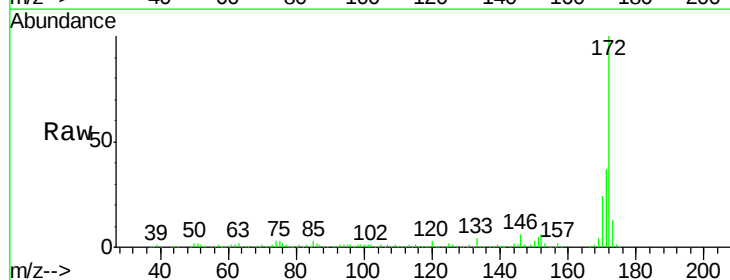
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.510 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032466.D
 Acq: 31 Jan 2018 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.1	19.5	29.3

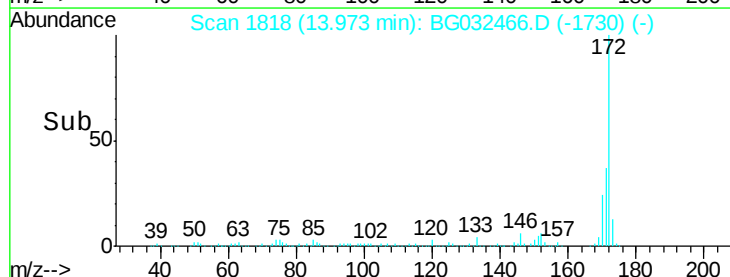
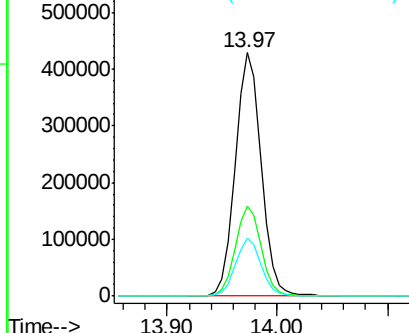


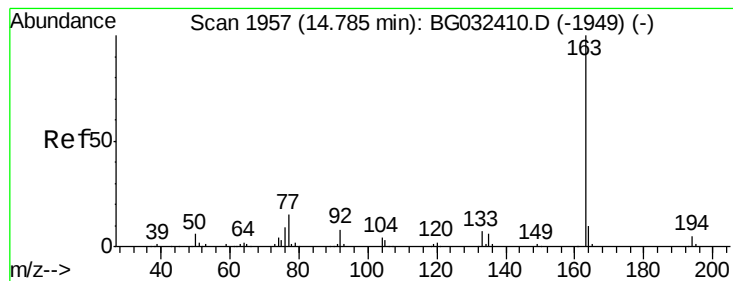
Abundance

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: 2.748 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG032466.D

Acq: 31 Jan 2018 15:29

Instrument :

BNA_G

ClientSampleId :

MW-04

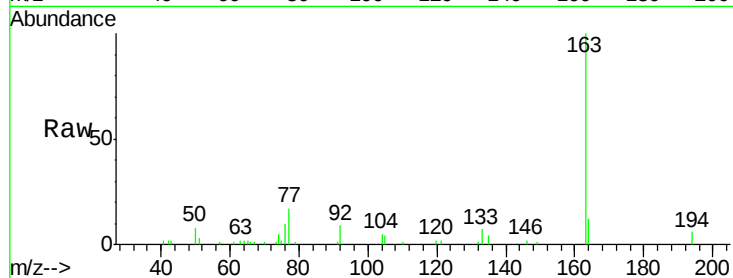
Tot Ion:163 Resp: 23520

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

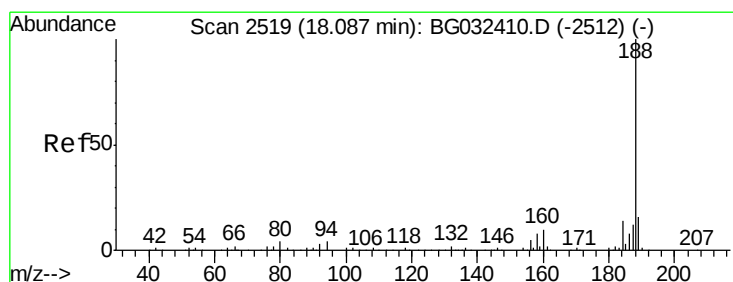
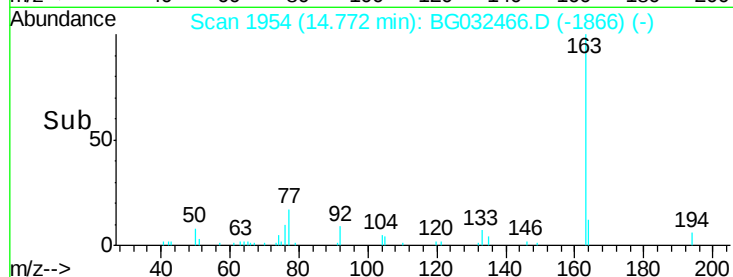
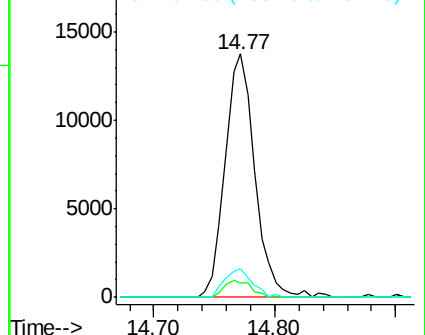
164 11.8 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032466.D

Acq: 31 Jan 2018 15:29

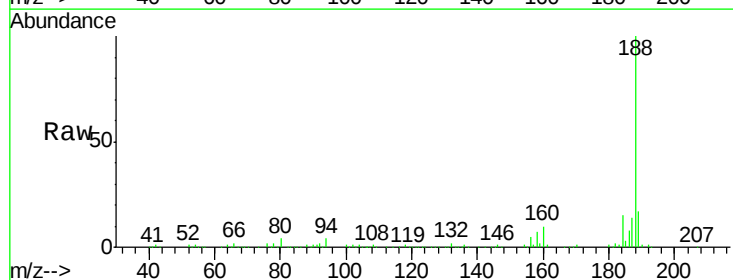
Tgt Ion:188 Resp: 232186

Ion Ratio Lower Upper

188 100

94 4.0 6.9 10.3#

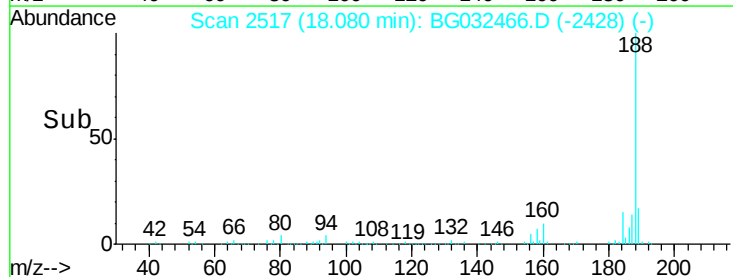
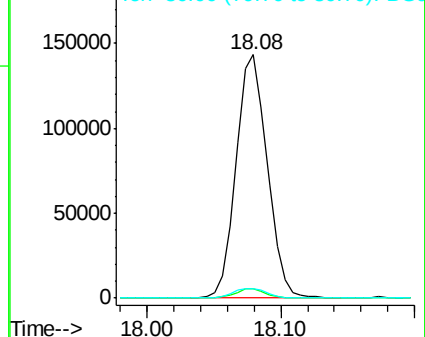
80 3.9 7.7 11.5#

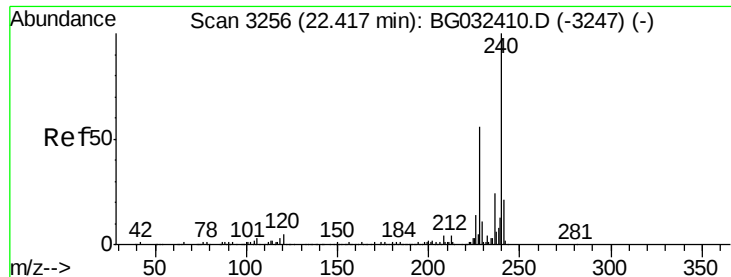


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032466.D

Acq: 31 Jan 2018 15:29

Instrument :

BNA_G

ClientSampleId :

MW-04

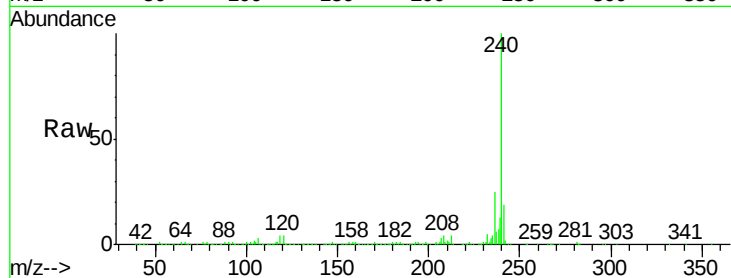
Tot Ion:240 Resp: 290428

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

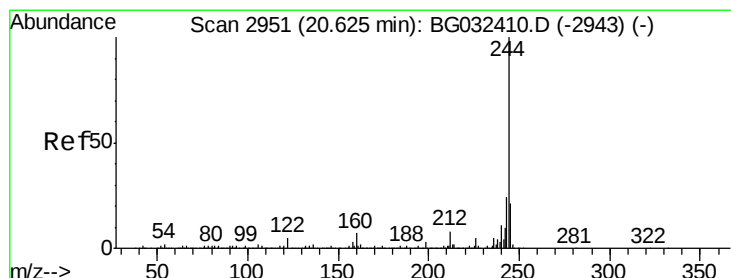
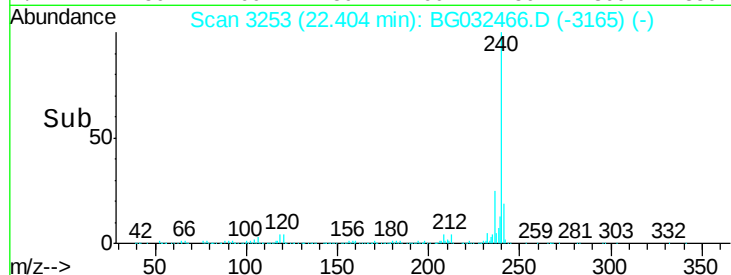
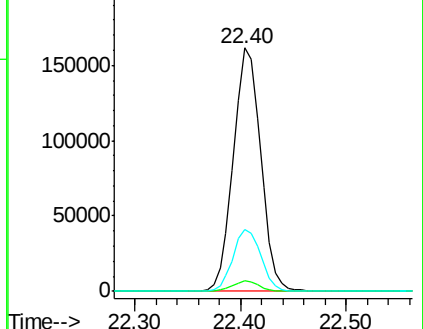
236 25.4 20.9 31.3



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: 88.983 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032466.D

Acq: 31 Jan 2018 15:29

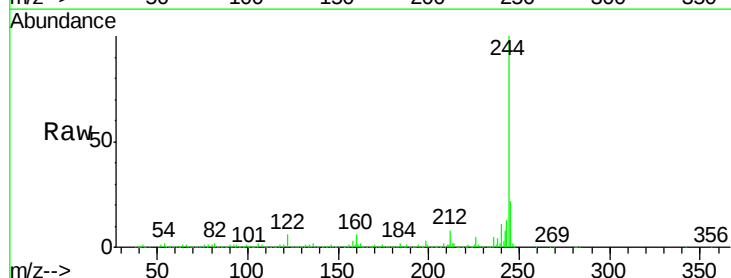
Tgt Ion:244 Resp: 1206444

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

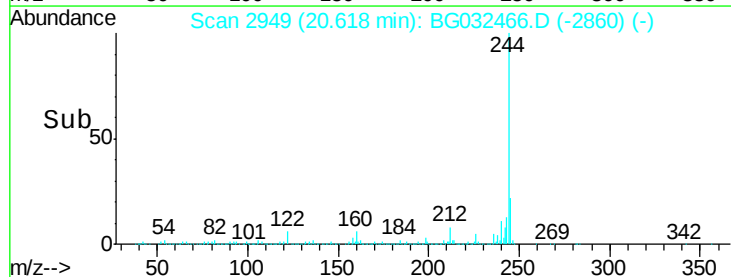
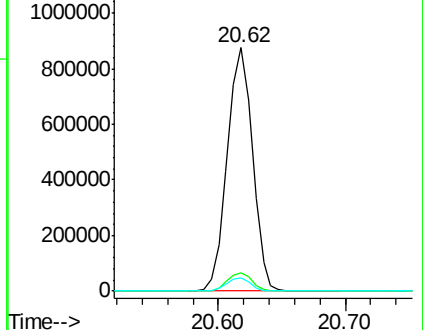
122 5.7 7.0 10.4#

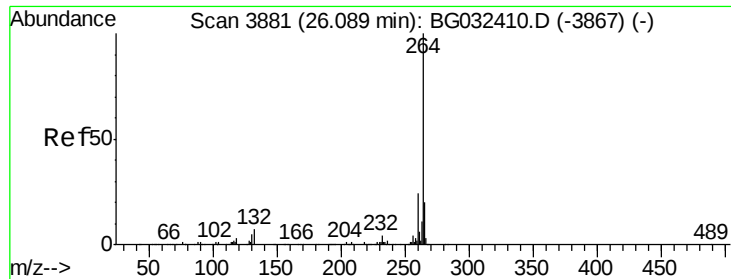


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032466.D
 Acq: 31 Jan 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.0	17.7	26.5

