

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032500.D
 Acq On : 1 Feb 2018 21:38
 Operator : SJ/JU
 Sample : J1405-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-09(8-ST-E-OF-CB#4-@3.6)

Quant Time: Feb 02 03:08:54 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

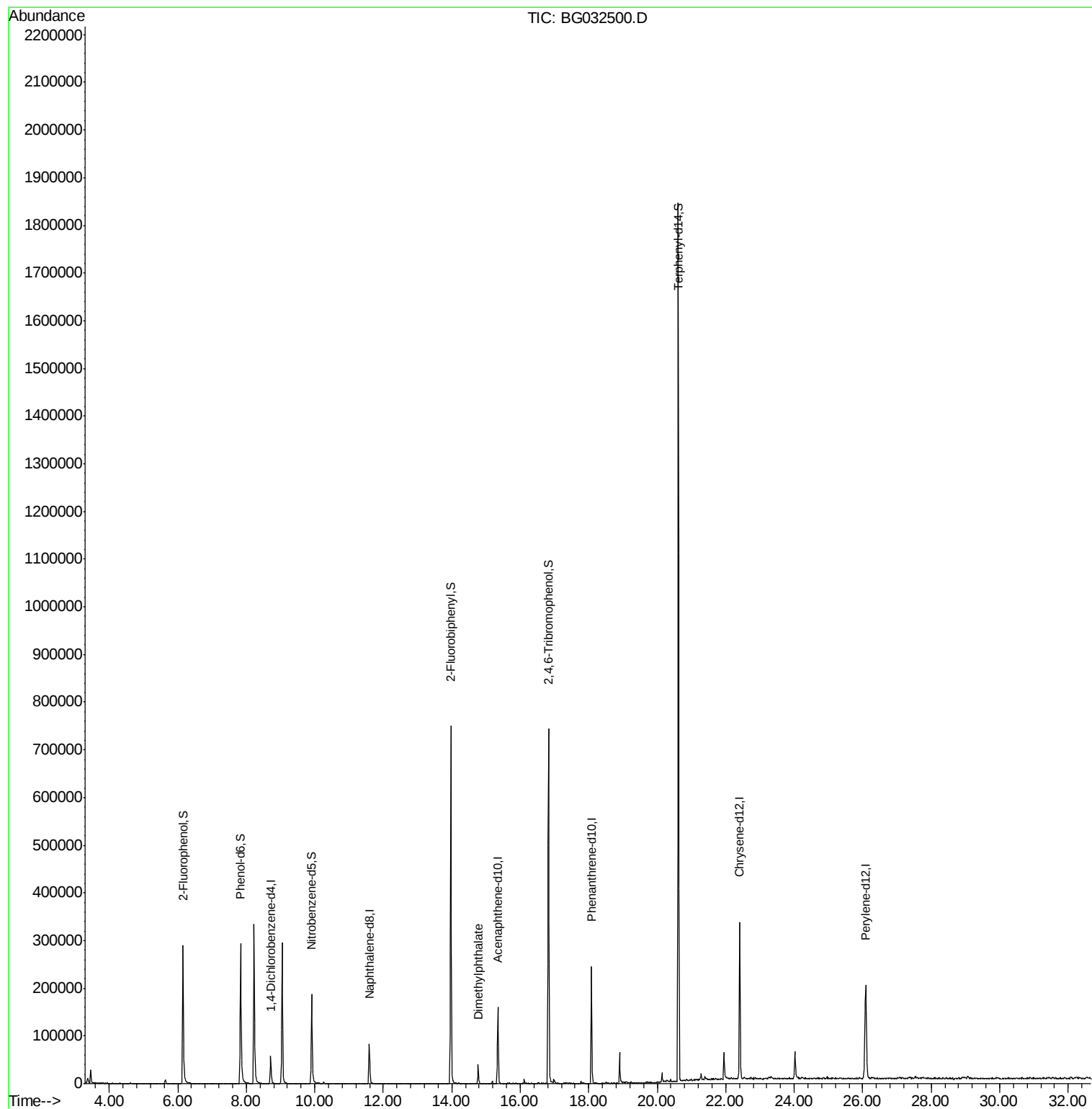
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23098	20.00	ng	-0.01
21) Naphthalene-d8	11.60	136	91006	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	66787	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	185056	20.00	ng	0.00
75) Chrysene-d12	22.41	240	251715	20.00	ng	-0.01
86) Perylene-d12	26.08	264	271060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	167569	145.71	ng	0.00
7) Phenol-d6	7.84	99	203371	132.53	ng	0.00
23) Nitrobenzene-d5	9.91	82	128921	88.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	188334	148.14	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	469528	83.56	ng	-0.01
78) Terphenyl-d14	20.61	244	1009832	85.94	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.77	163	33663	5.466	ng	Qvalue 96

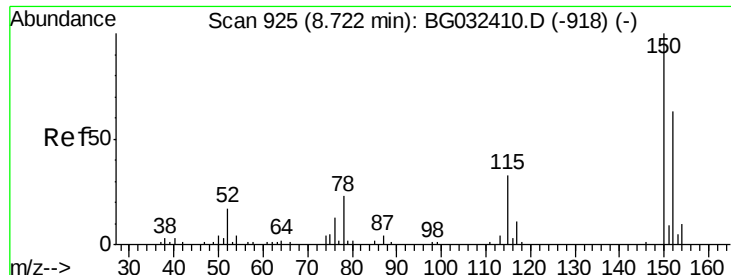
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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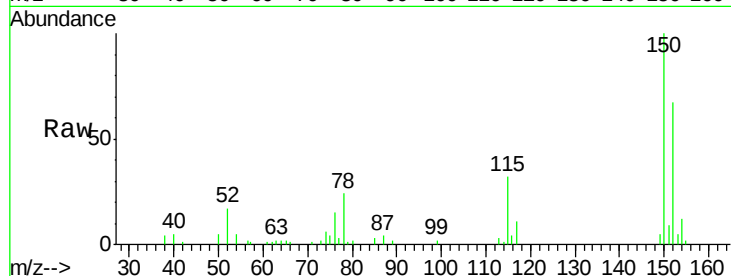


#1

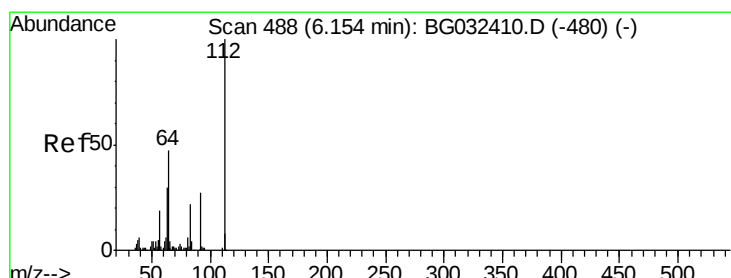
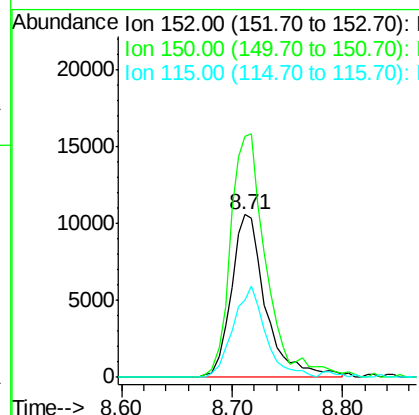
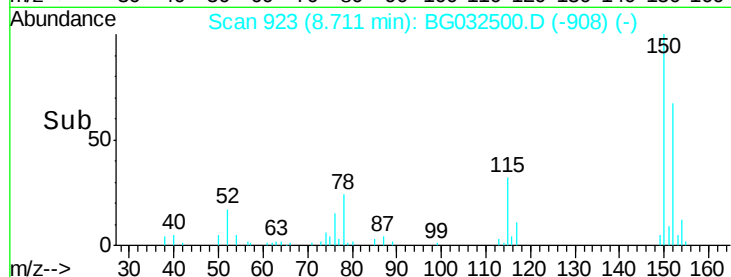
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :
TP-09(8-ST-E-OF-CB#4-@3.6)

Tot Ion:152 Resp: 23098
Ion Ratio Lower Upper
152 100
150 148.7 126.6 189.8
115 47.8 53.0 79.4#



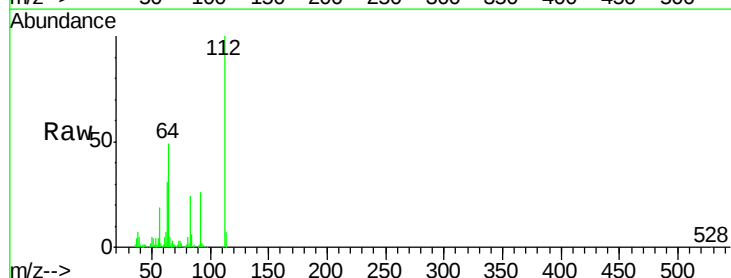
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



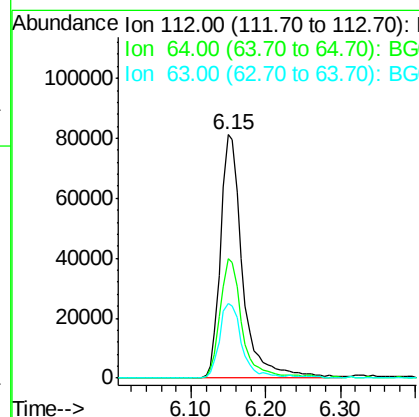
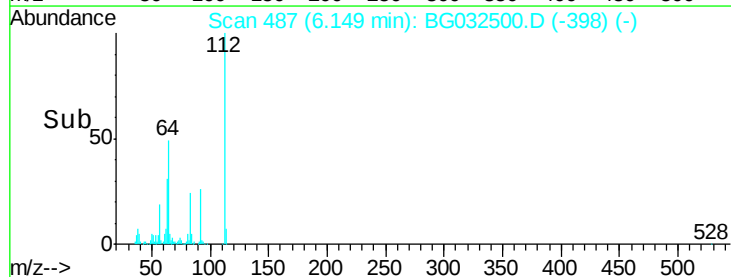
#5

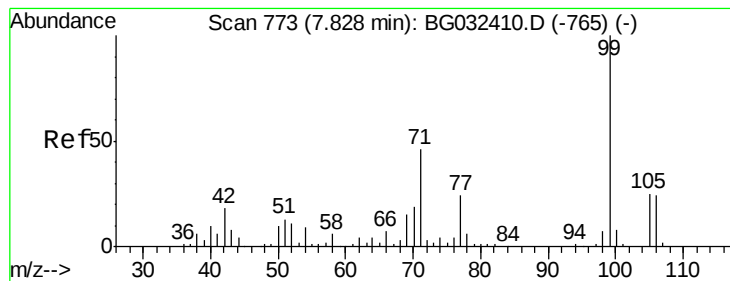
2-Fluorophenol
Concen: 145.715 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:112 Resp: 167569
Ion Ratio Lower Upper
112 100
64 49.3 56.3 84.5#
63 30.6 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: 132.528 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032500.D

Acq: 1 Feb 2018 21:38

Instrument :

BNA_G

ClientSampleId :

TP-09(8-ST-E-OF-CB#4-@3.6)

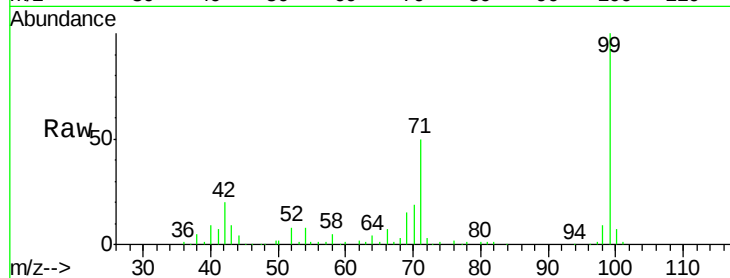
Tot Ion: 99 Resp: 203371

Ion Ratio Lower Upper

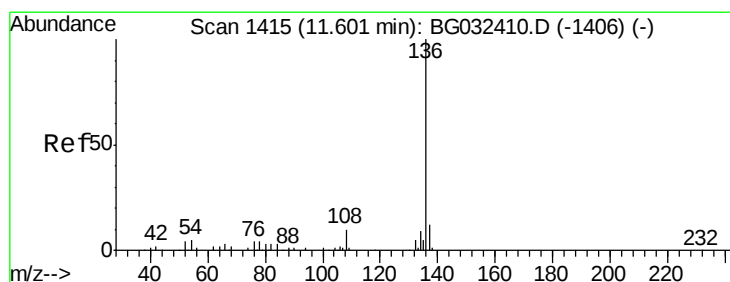
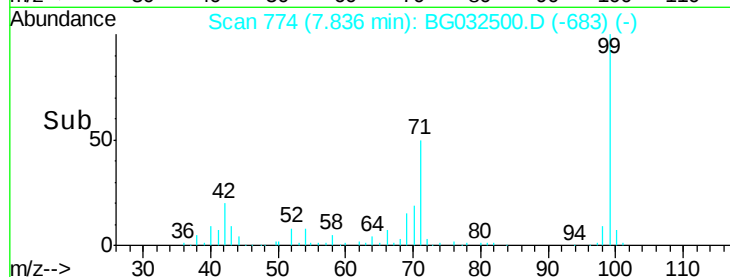
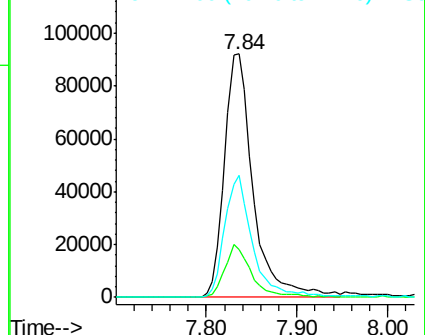
99 100

42 19.9 14.1 21.1

71 50.0 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: 11.60 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BG032500.D

Acq: 1 Feb 2018 21:38

Tgt Ion: 136 Resp: 91006

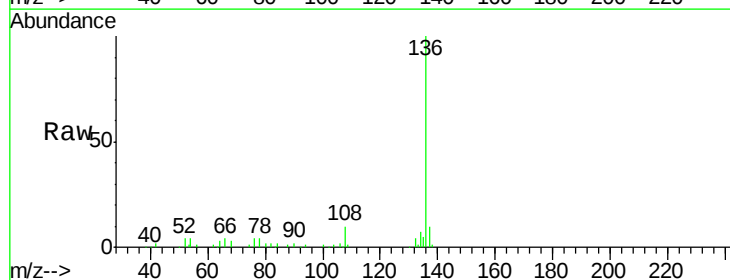
Ion Ratio Lower Upper

136 100

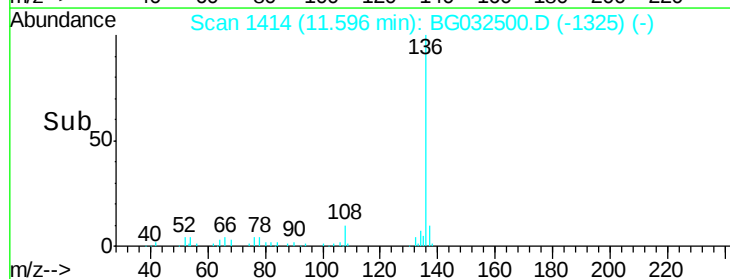
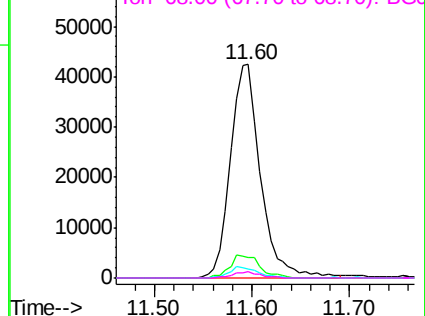
137 9.6 9.2 13.8

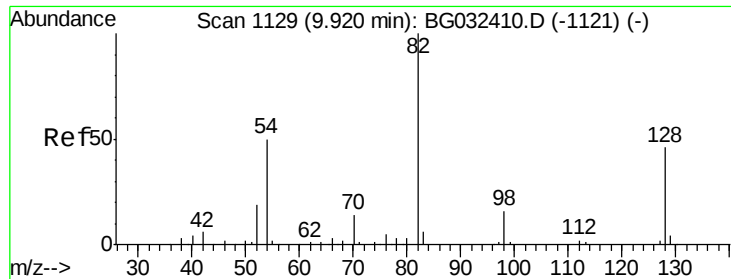
54 4.5 10.3 15.5#

68 2.9 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

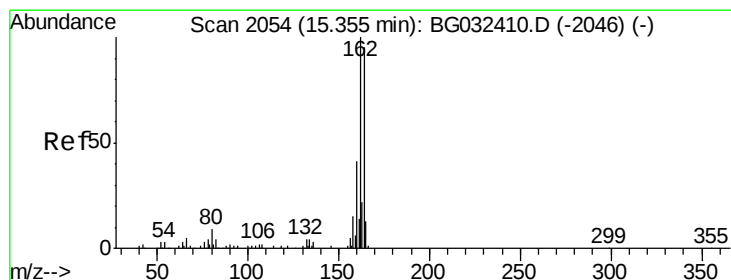
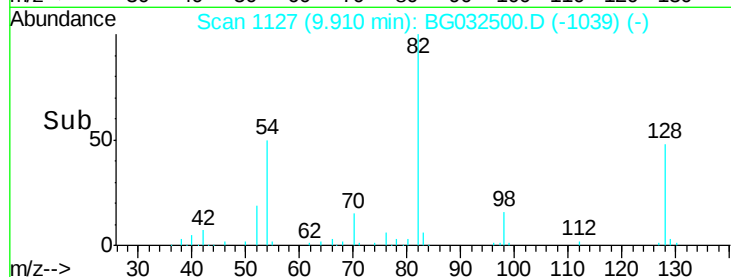
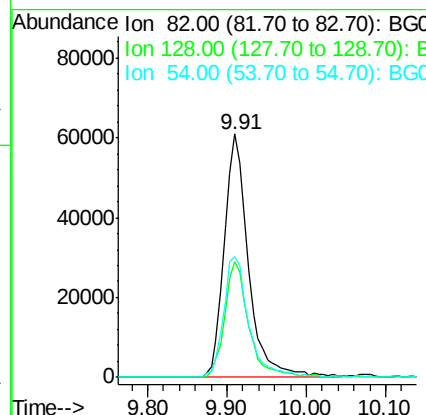
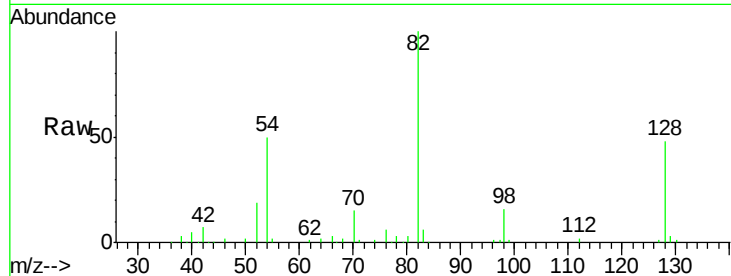




#23
 Nitrobenzene-d5
 Concen: 88.483 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032500.D
 Acq: 1 Feb 2018 21:38

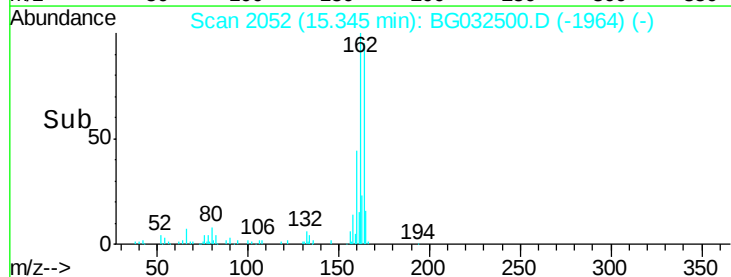
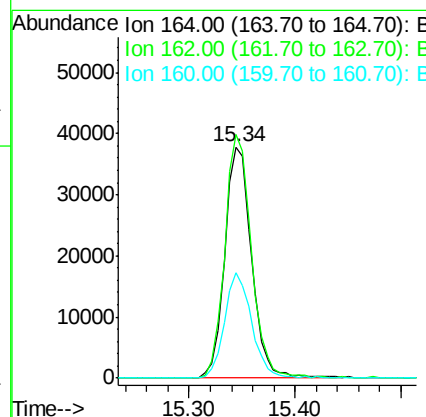
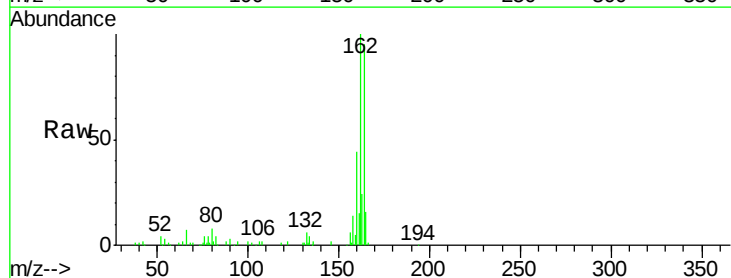
Instrument :
 BNA_G
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 TP-09(8-ST-E-OF-CB#4-@3.6)

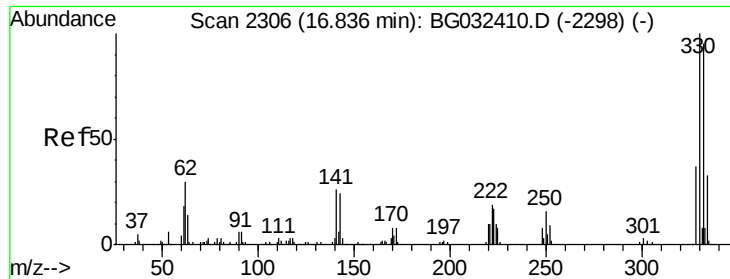
Tot Ion	82	Resp	128	Ratio	Lower	Upper
82	100					
128	47.7	29.7	44.5			
54	49.6	43.1	64.7			



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032500.D
 Acq: 1 Feb 2018 21:38

Tgt Ion	164	Resp	162	Ratio	Lower	Upper
164	100					
162	105.2	78.8	118.2			
160	45.8	35.4	53.0			

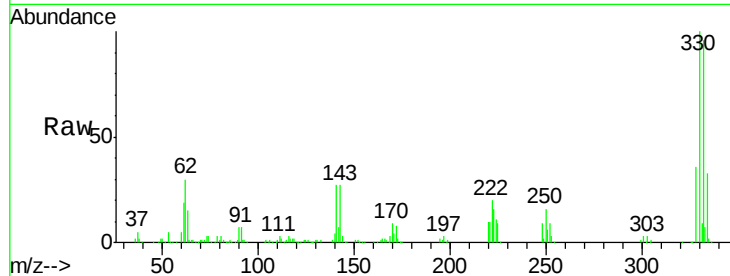




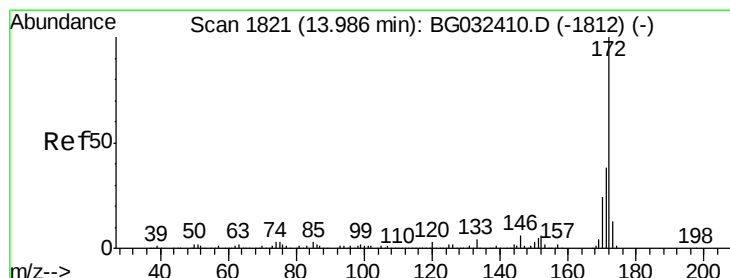
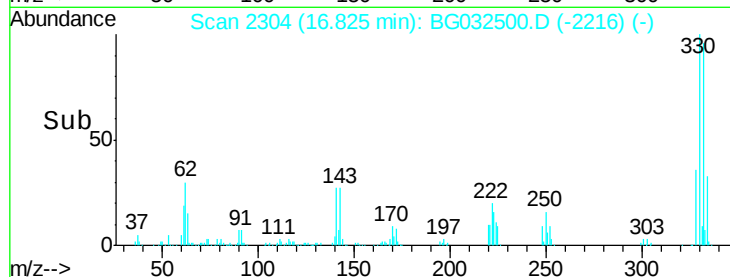
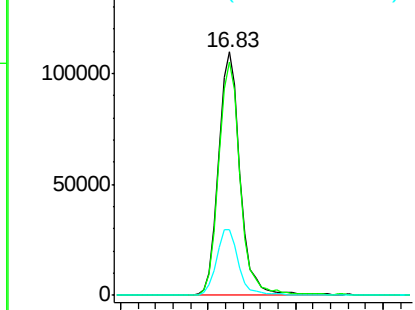
#41
 2,4,6-Tribromophenol
 Concen: 148.144 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032500.D
 Acq: 1 Feb 2018 21:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-09(8-ST-E-OF-CB#4-@3.6)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.7	25.2	37.8

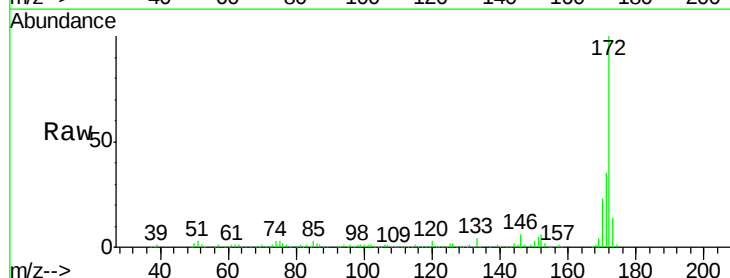


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

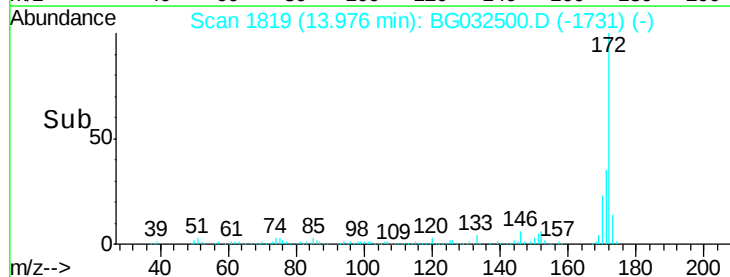
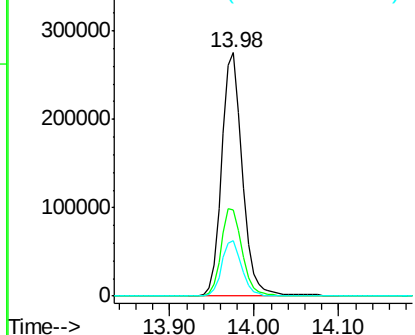


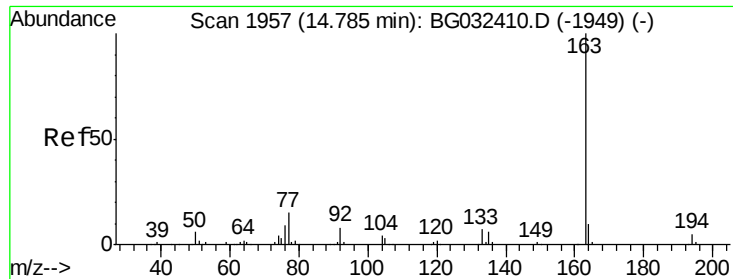
#44
 2-Fluorobiphenyl
 Concen: 83.559 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032500.D
 Acq: 1 Feb 2018 21:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.0	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: 5.466 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG032500.D

Acq: 1 Feb 2018 21:38

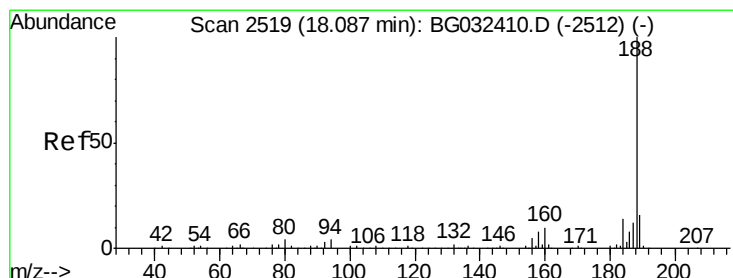
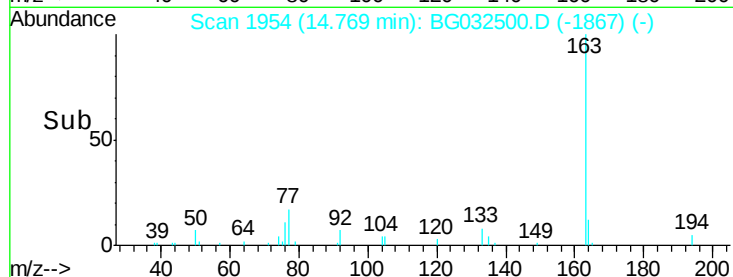
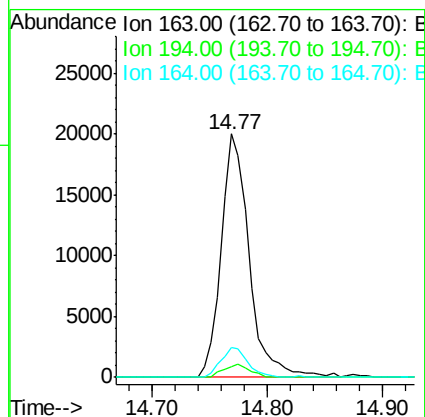
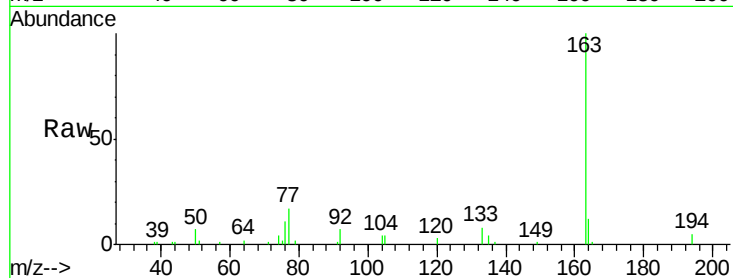
Instrument :

BNA_G

ClientSampleId :

TP-09(8-ST-E-OF-CB#4-@3.6)

Tot Ion:163	Resp:	33663
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.4 5.2
164	12.3	8.2 12.4



#63

Phenanthrene-d10

Concen: 20.000 ng

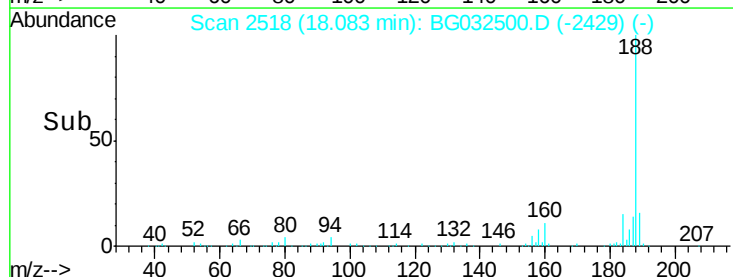
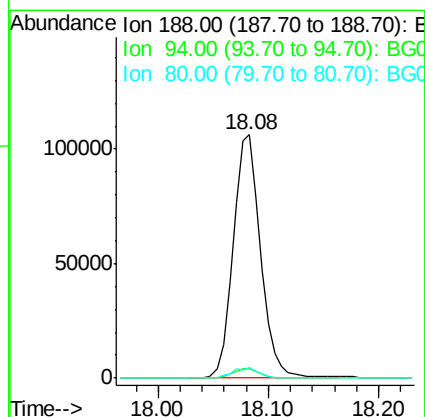
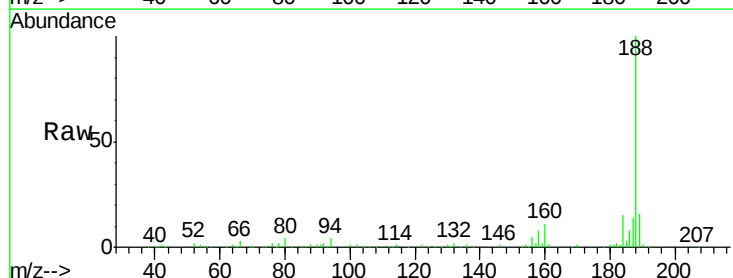
RT: 18.08 min Scan# 2518

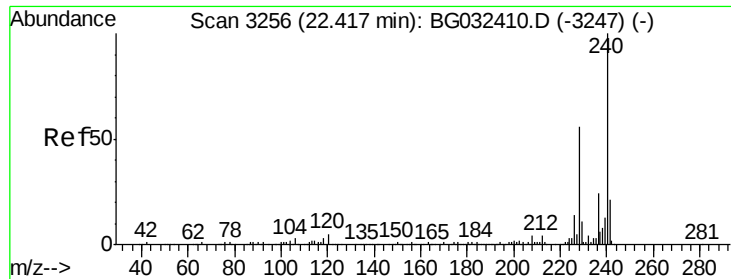
Delta R.T. -0.00 min

Lab File: BG032500.D

Acq: 1 Feb 2018 21:38

Tgt Ion:188	Resp:	185056
Ion Ratio	Lower	Upper
188	100	
94	3.9	6.9 10.3#
80	4.5	7.7 11.5#

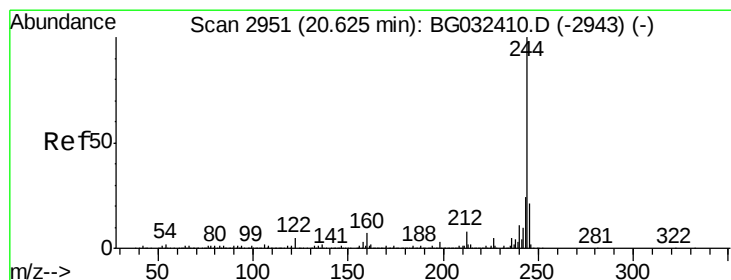
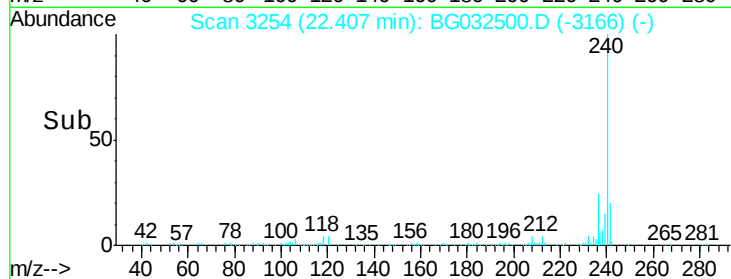
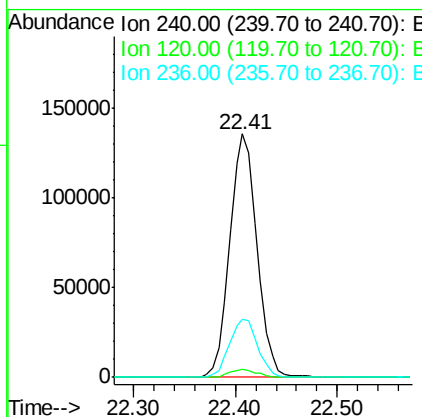
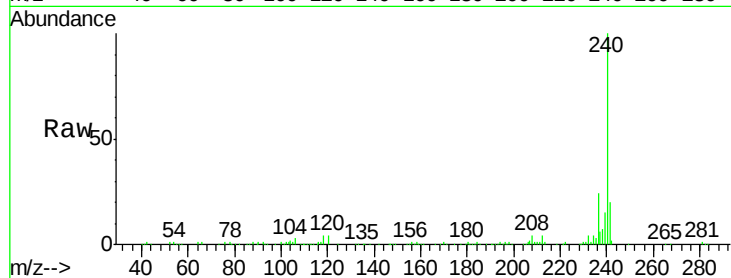




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

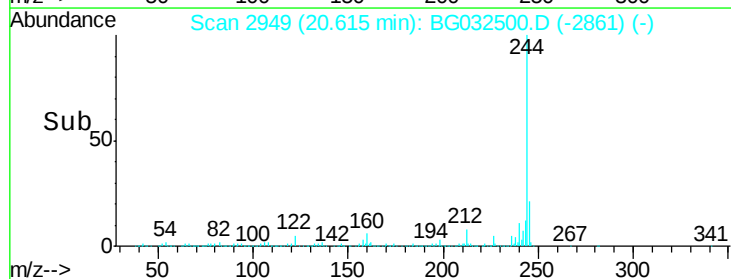
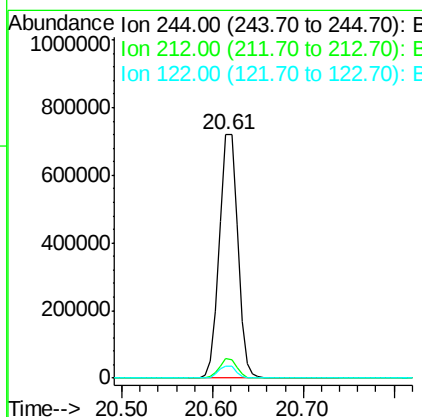
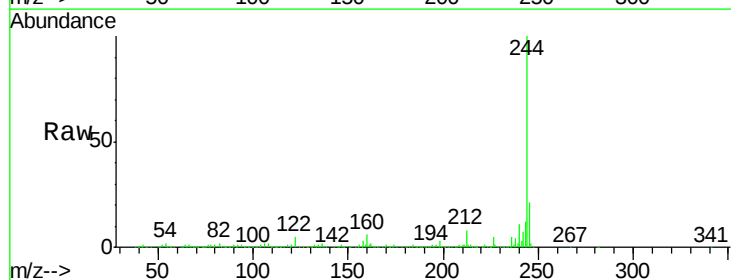
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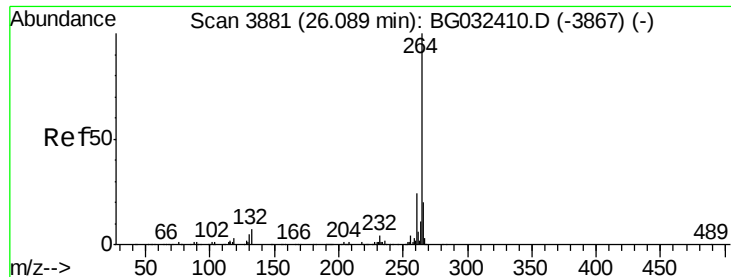
Tot Ion:240 Resp: 251715
Ion Ratio Lower Upper
240 100
120 3.5 6.8 10.2#
236 23.9 20.9 31.3



#78
Terphenyl-d14
Concen: 85.936 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:244 Resp: 1009832
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 5.0 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032500.D
 Acq: 1 Feb 2018 21:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-09(8-ST-E-OF-CB#4-@3.6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.2	17.7	26.5

