

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033990.D
 Acq On : 25 Apr 2018 17:14
 Operator : SJ/JU
 Sample : J2541-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11

Quant Time: Apr 26 06:46:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

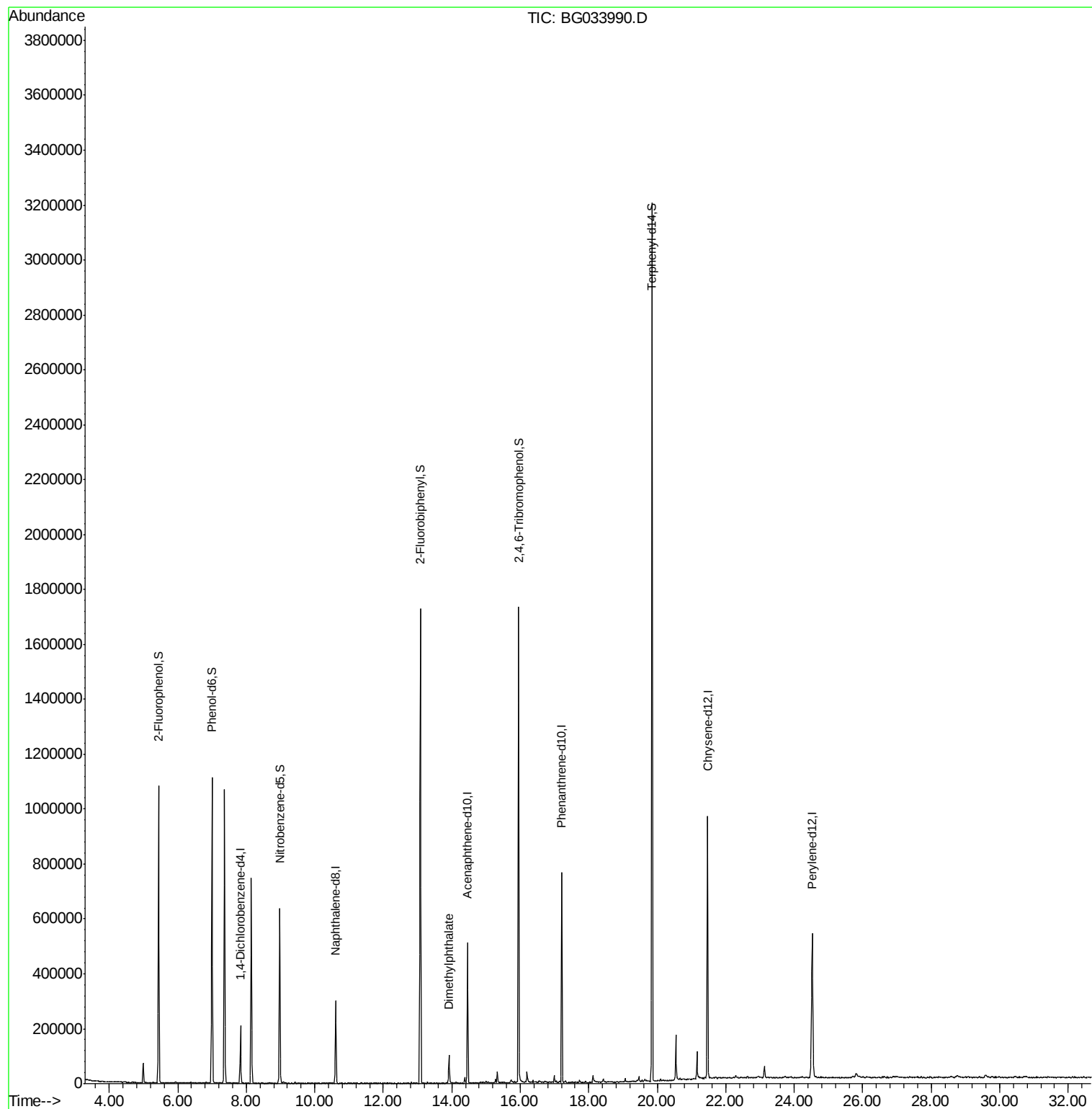
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	55693	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	263295	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	184900	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	485455	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	559048	20.00	ng	-0.03
86) Perylene-d12	24.52	264	544302	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	451024	129.29	ng	0.00
7) Phenol-d6	7.00	99	627955	123.42	ng	0.00
23) Nitrobenzene-d5	8.97	82	383555	82.90	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	310048	143.73	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	898340	71.37	ng	-0.02
78) Terphenyl-d14	19.84	244	1496226	60.13	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.92	163	71690	4.408	ng	Qvalue # 97

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

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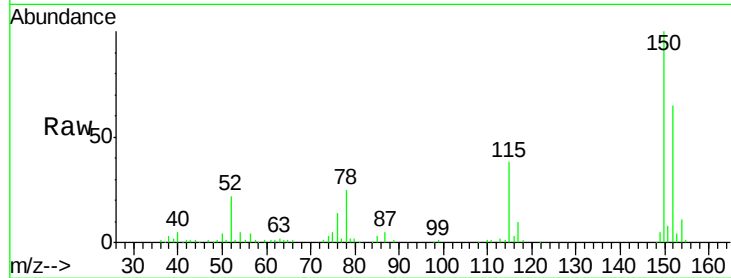


#1

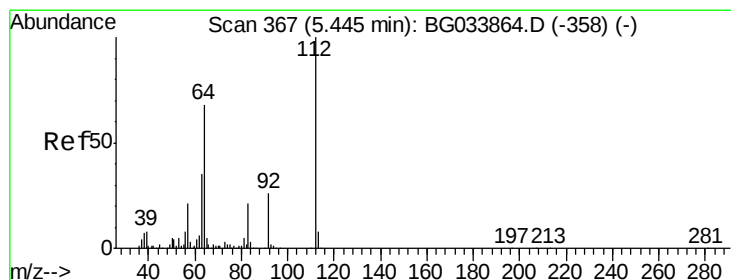
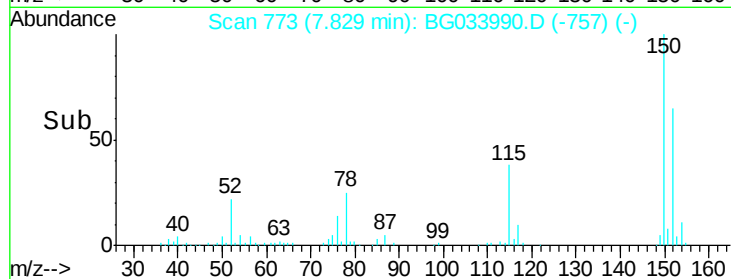
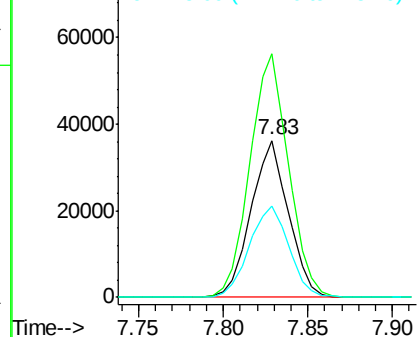
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033990.D
Acq: 25 Apr 2018 17:14

Instrument :
BNA_G
ClientSampleId :
TP-4-11

Tot Ion:152 Resp: 55693
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 58.3 53.0 79.4



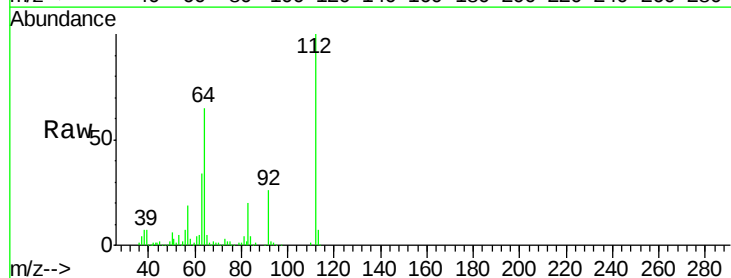
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



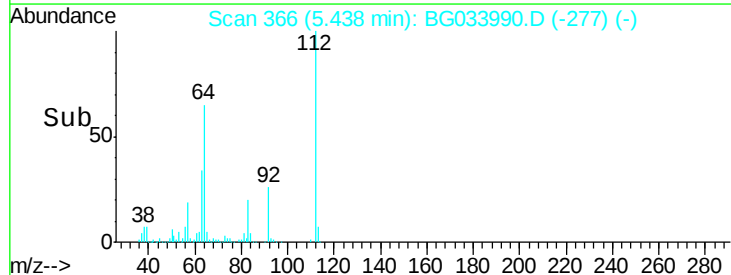
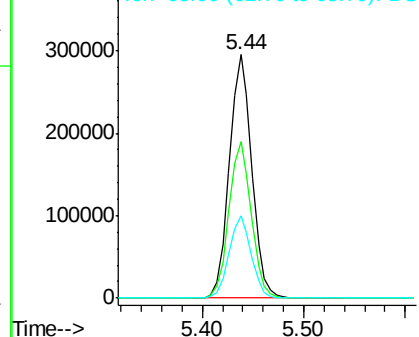
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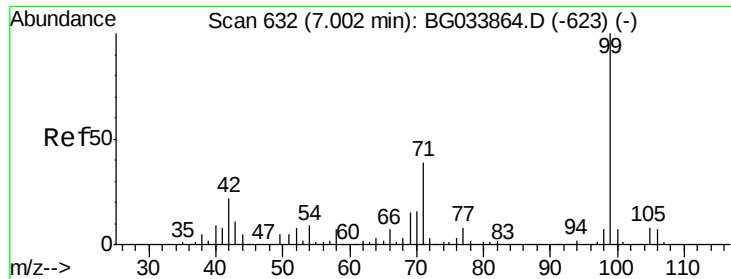
2-Fluorophenol
Concen: 129.294 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033990.D
Acq: 25 Apr 2018 17:14

Tgt Ion:112 Resp: 451024
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 34.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.419 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033990.D

Acq: 25 Apr 2018 17:14

Instrument :

BNA_G

ClientSampleId :

TP-4-11

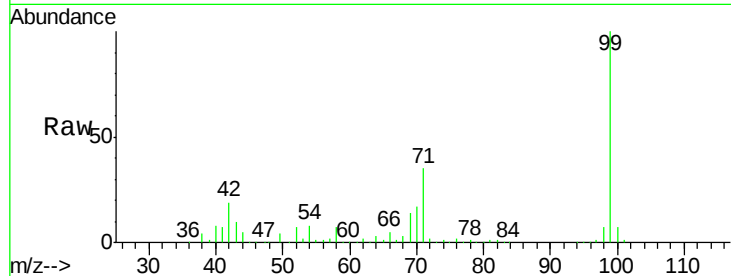
Tot Ion: 99 Resp: 627955

Ion Ratio Lower Upper

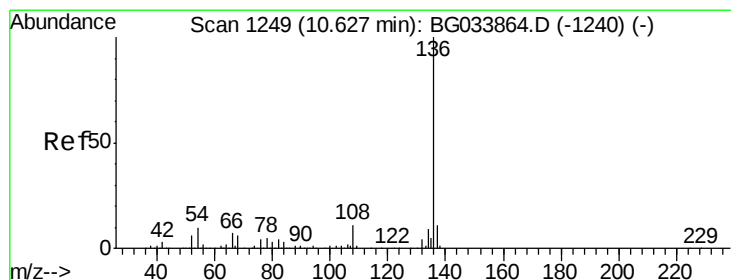
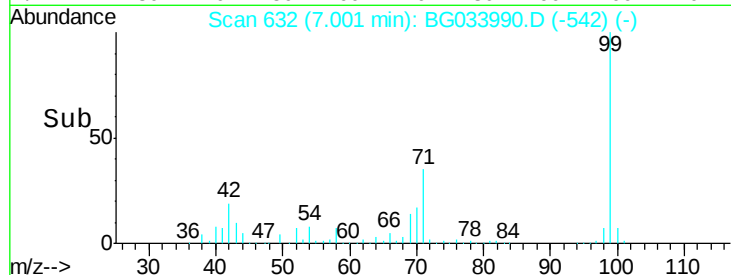
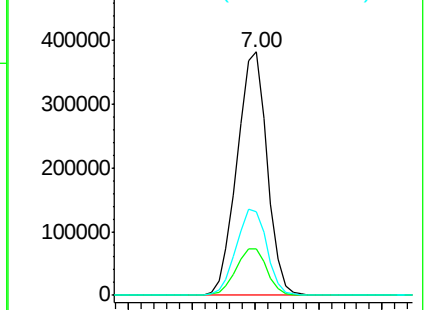
99 100

42 19.1 14.1 21.1

71 34.6 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033990.D

Acq: 25 Apr 2018 17:14

Tgt Ion: 136 Resp: 263295

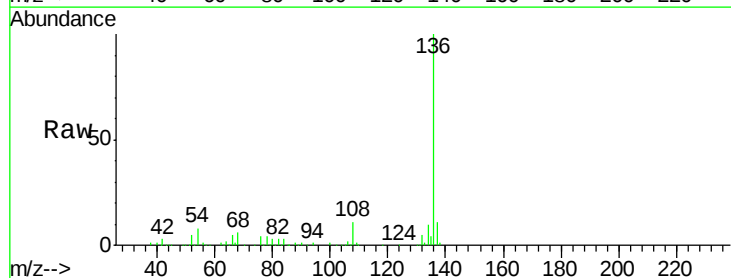
Ion Ratio Lower Upper

136 100

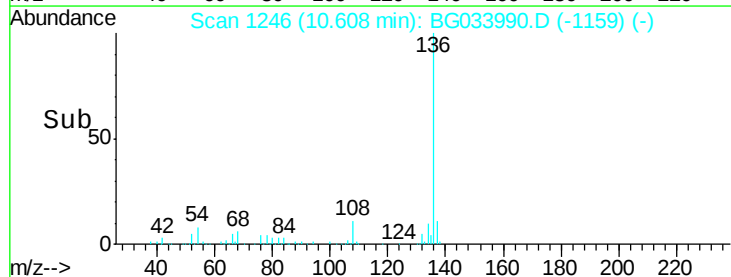
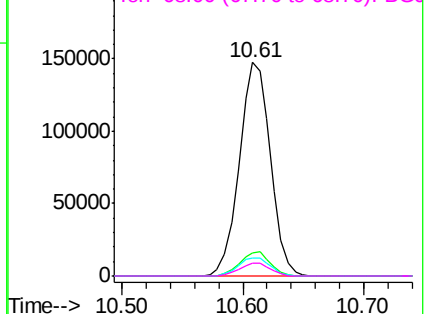
137 10.8 9.2 13.8

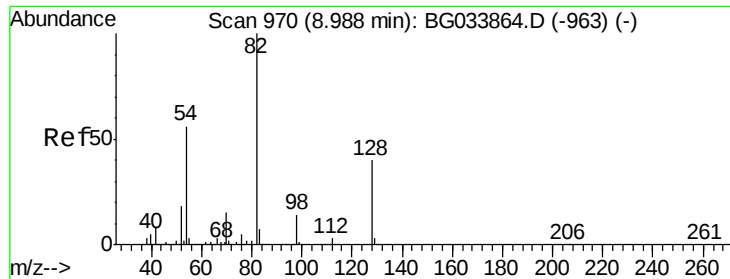
54 8.3 10.3 15.5#

68 6.1 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

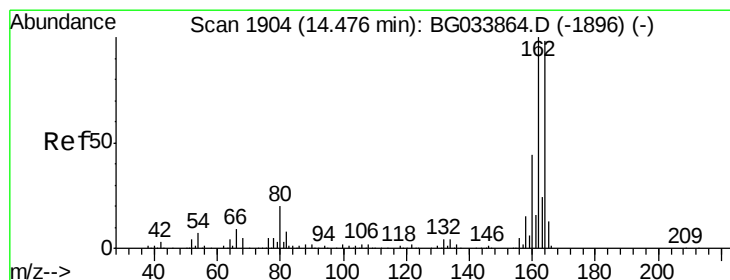
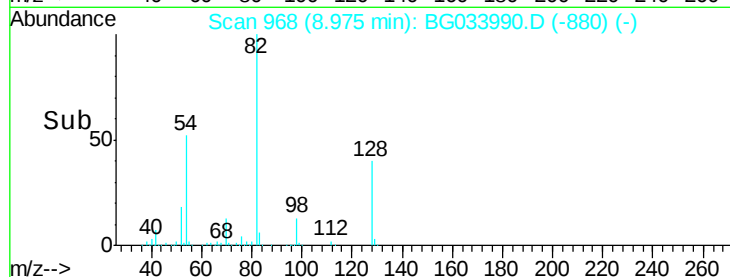
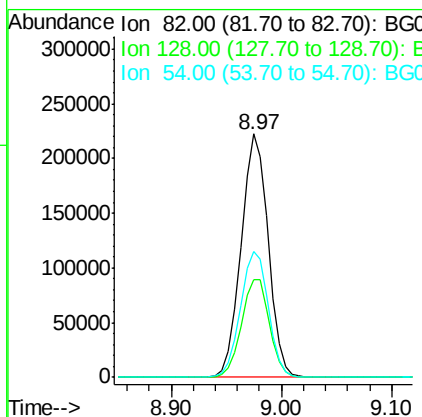
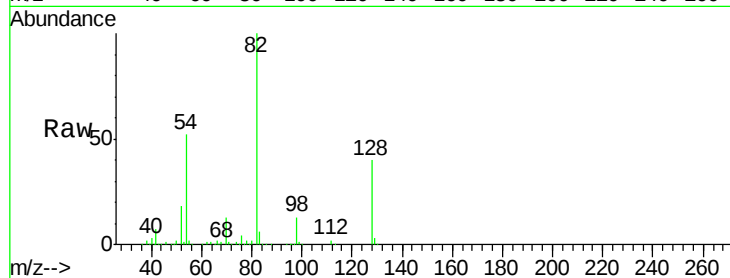




#23
 Nitrobenzene-d5
 Concen: 82.903 ng
 RT: 8.97 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033990.D
 Acq: 25 Apr 2018 17:14

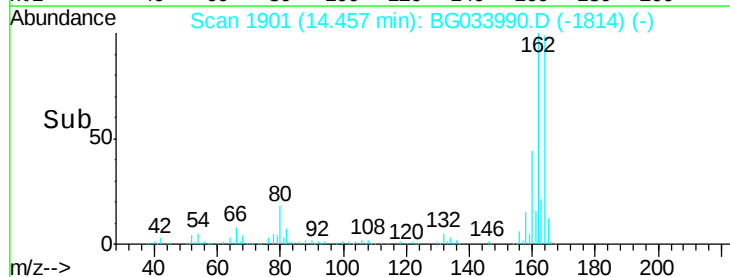
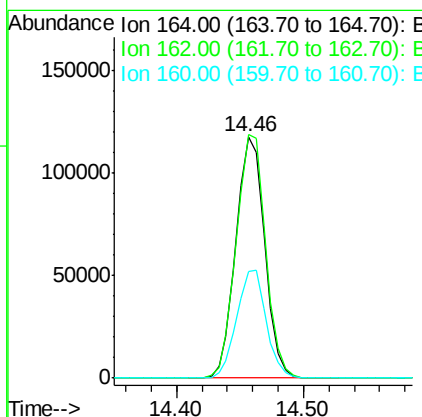
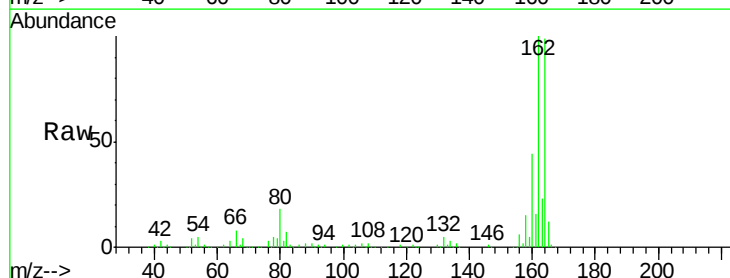
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-11

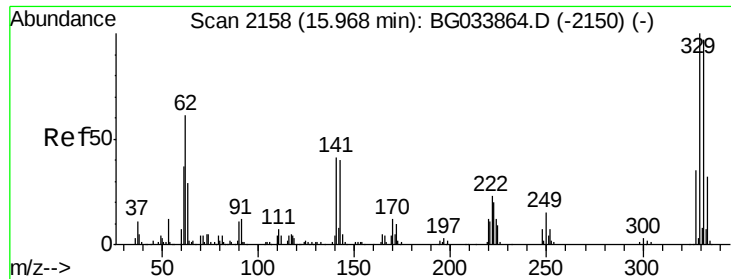
Tot Ion	82	Resp	383555
Ion Ratio	100	Lower	Upper
128	40.3	29.7	44.5
54	51.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033990.D
 Acq: 25 Apr 2018 17:14

Tgt Ion	164	Resp	184900
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.8	78.8	118.2
160	44.2	35.4	53.0

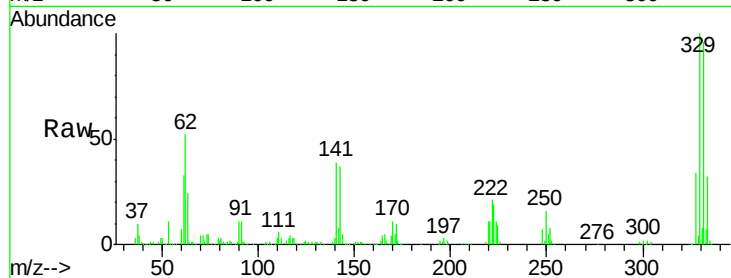




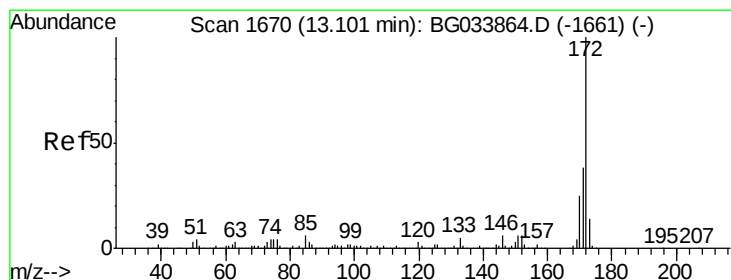
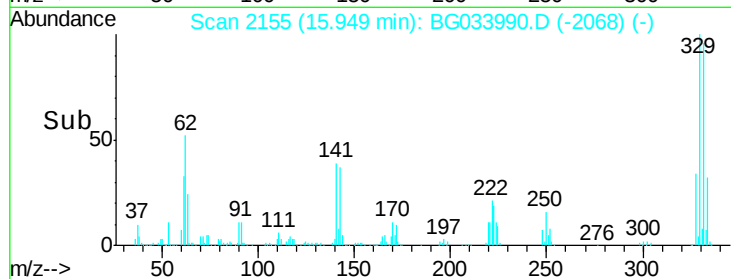
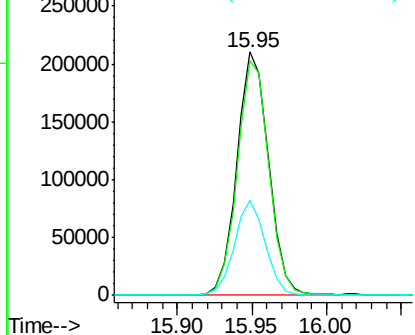
#41
 2,4,6-Tribromophenol
 Concen: 143.730 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033990.D
 Acq: 25 Apr 2018 17:14

Instrument :
 BNA_G
 ClientSampled :
 TP-4-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.3	25.2	37.8#

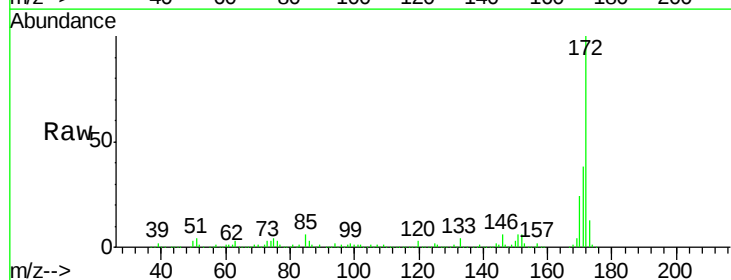


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

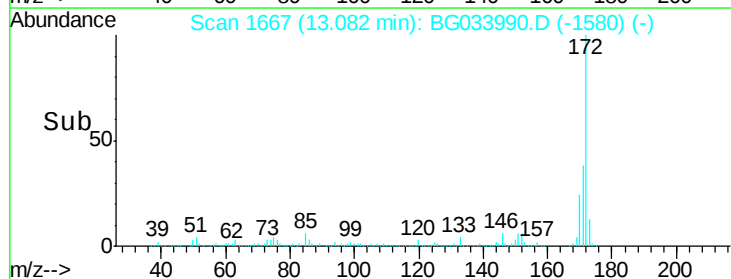
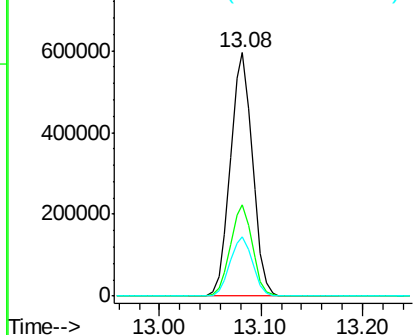


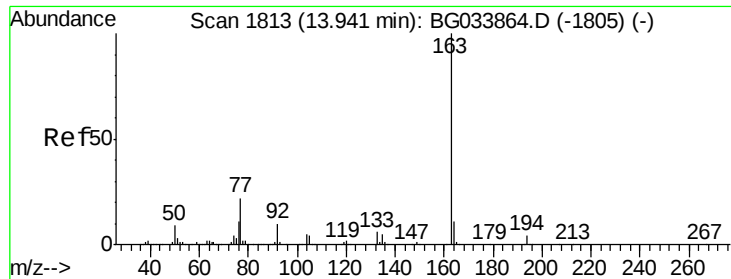
#44
 2-Fluorobiphenyl
 Concen: 71.373 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033990.D
 Acq: 25 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.2	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

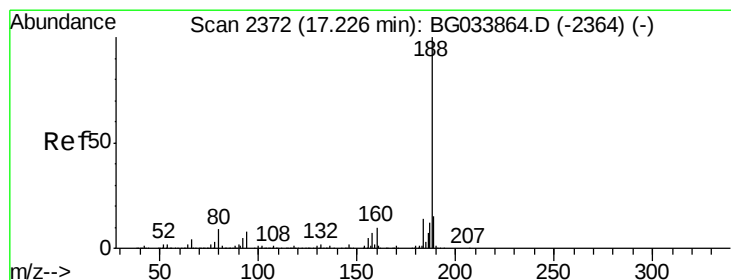
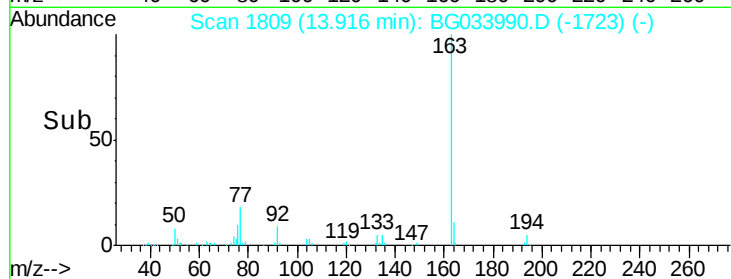
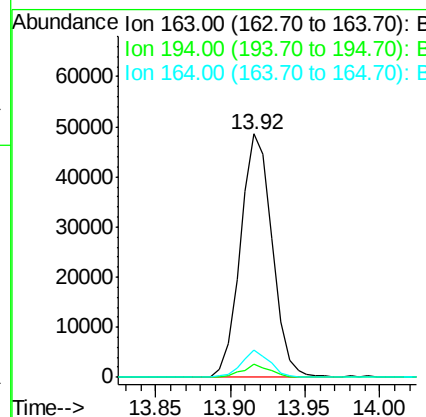
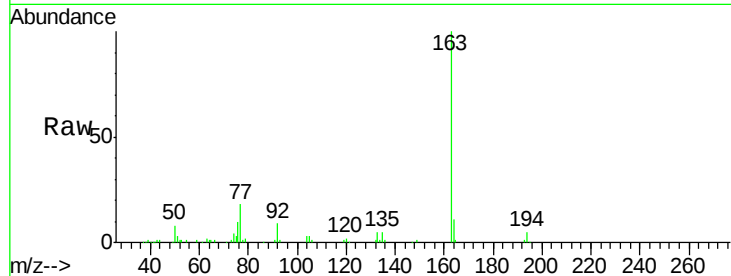




#49
Dimethylphthalate
Concen: 4.408 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BG033990.D
Acq: 25 Apr 2018 17:14

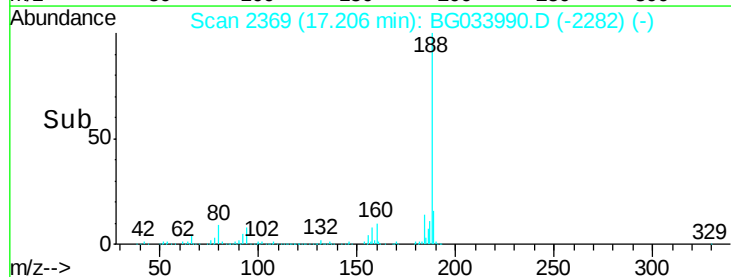
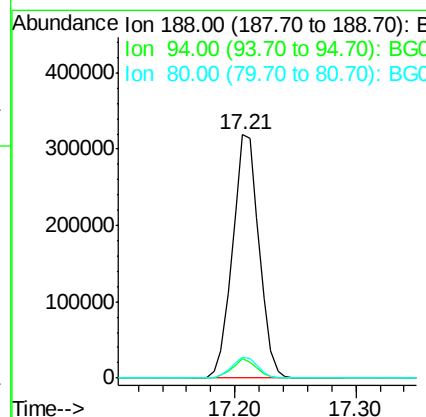
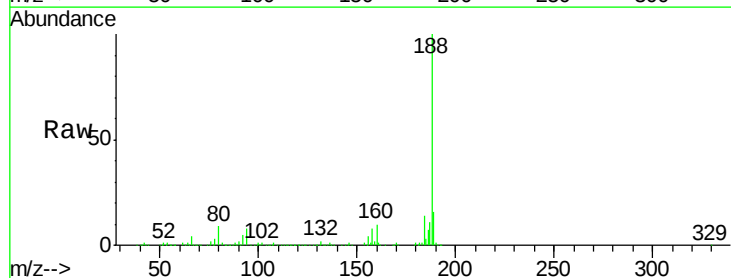
Instrument :
BNA_G
ClientSampleId :
TP-4-11

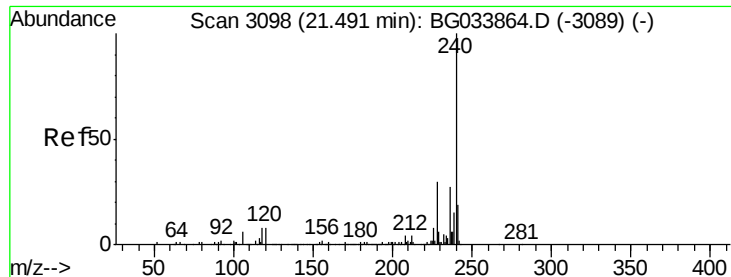
Tot Ion:163 Resp: 71690
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 11.2 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033990.D
Acq: 25 Apr 2018 17:14

Tgt Ion:188 Resp: 485455
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.8 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BG033990.D

Acq: 25 Apr 2018 17:14

Instrument :

BNA_G

ClientSampleId :

TP-4-11

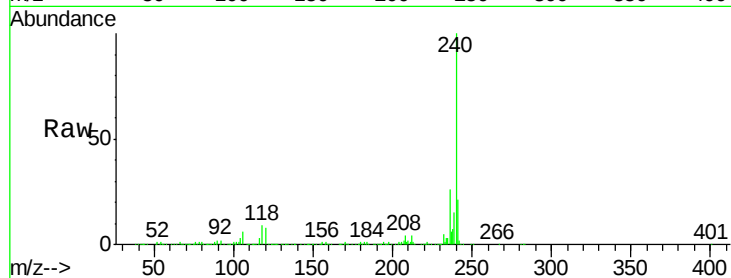
Tot Ion:240 Resp: 559048

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

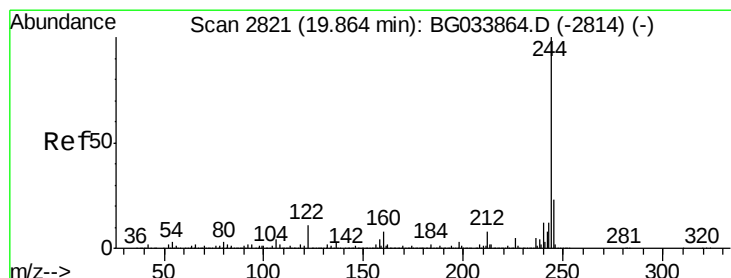
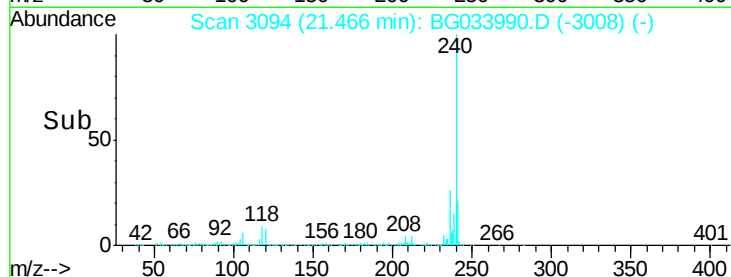
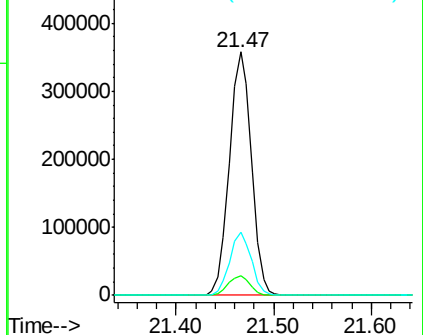
236 26.0 20.9 31.3



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: 60.128 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033990.D

Acq: 25 Apr 2018 17:14

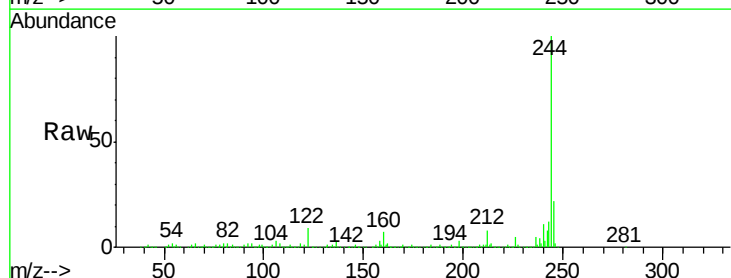
Tgt Ion:244 Resp: 1496226

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

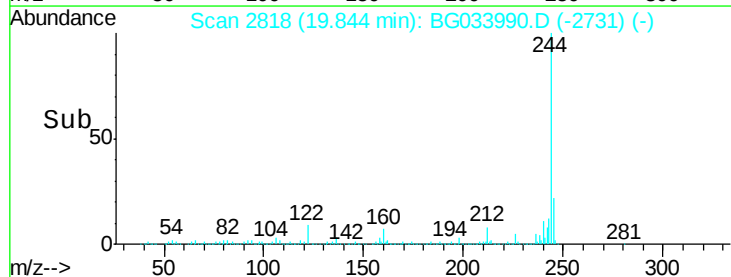
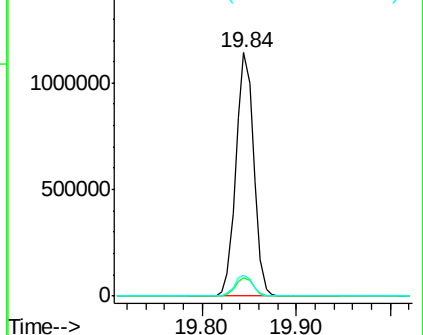
122 8.8 7.0 10.4

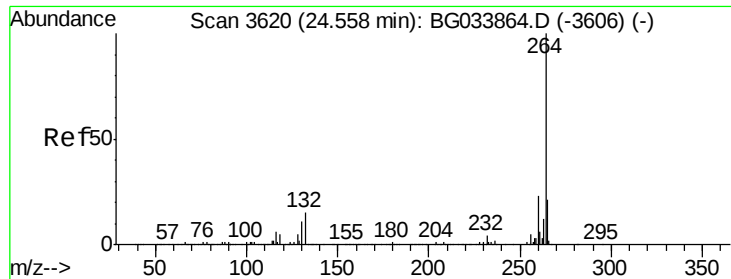


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033990.D
Acq: 25 Apr 2018 17:14

Instrument :
BNA_G
ClientSampleId :
TP-4-11

Tot Ion:264 Resp: 544302
Ion Ratio Lower Upper
264 100
260 22.3 17.4 26.0
265 20.5 17.7 26.5

