

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033917.D
 Acq On : 23 Apr 2018 12:44
 Operator : SJ/JU
 Sample : J2490-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20

Quant Time: Apr 24 03:44:38 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

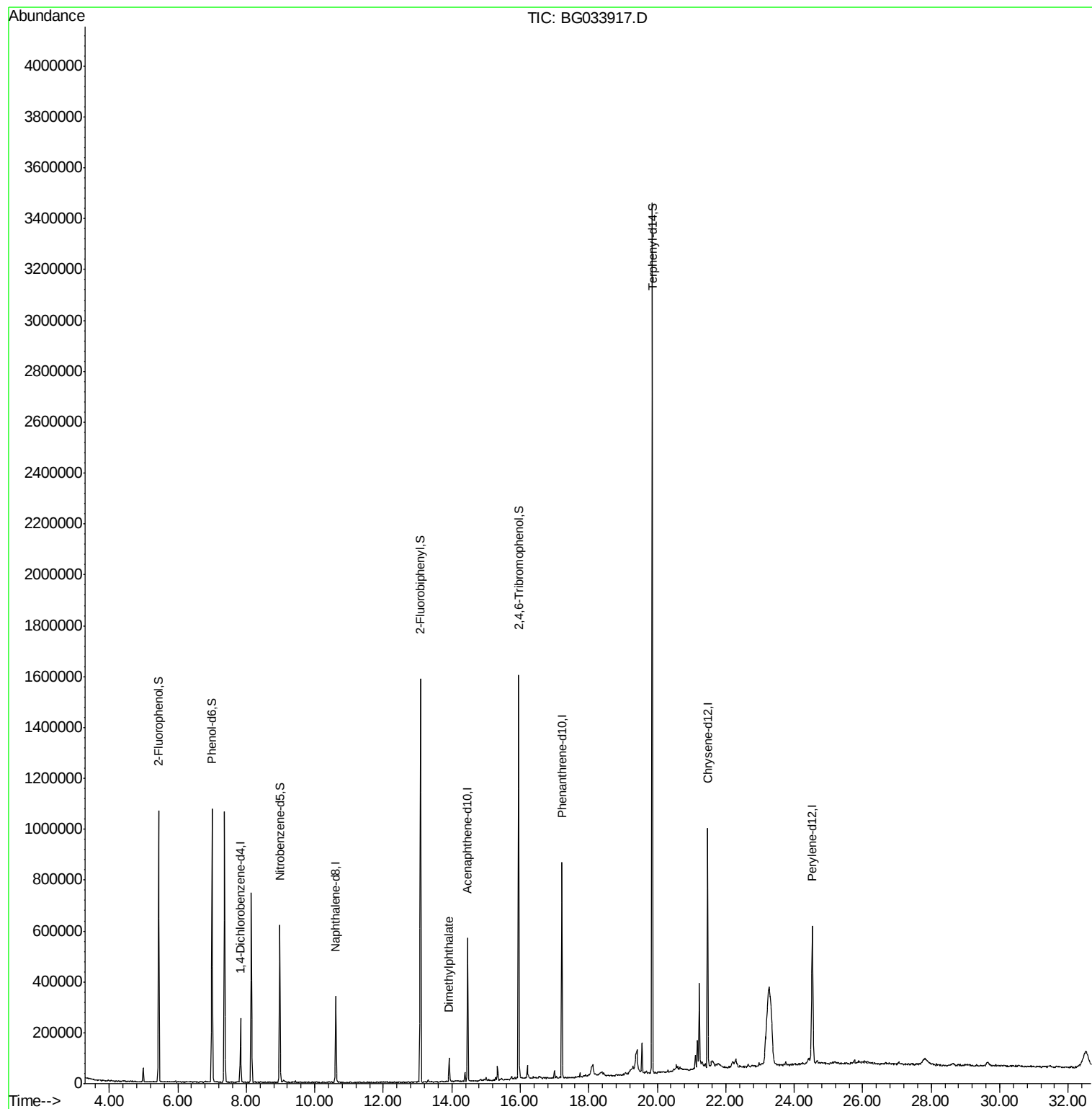
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	67493	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	289417	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	190632	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	505797	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	547976	20.00	ng	-0.02
86) Perylene-d12	24.53	264	556636	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	442024	104.56	ng	0.00
7) Phenol-d6	7.00	99	598930	97.13	ng	0.00
23) Nitrobenzene-d5	8.98	82	369098	72.58	ng	-0.01
41) 2,4,6-Tribromophenol	15.96	330	292209	131.39	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	857452	66.08	ng	-0.01
78) Terphenyl-d14	19.85	244	1533986	62.89	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	13.92	163	60149	3.587	ng	100

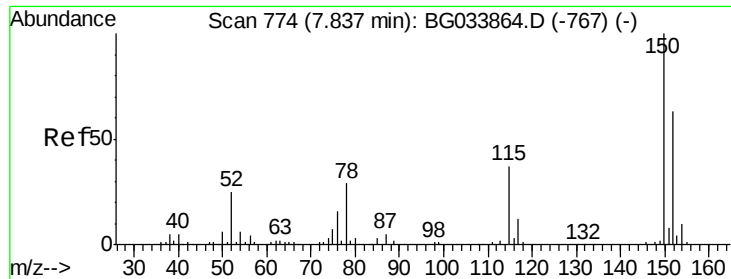
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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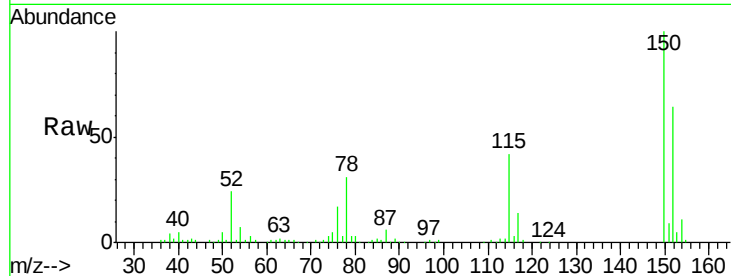


#1

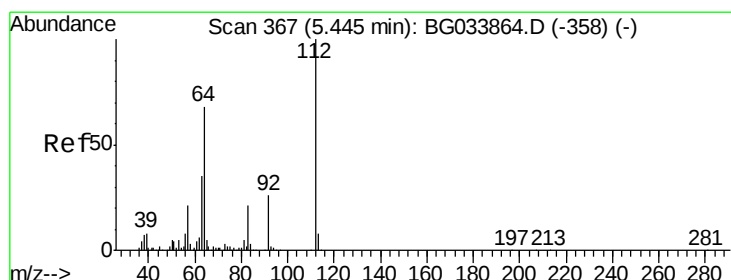
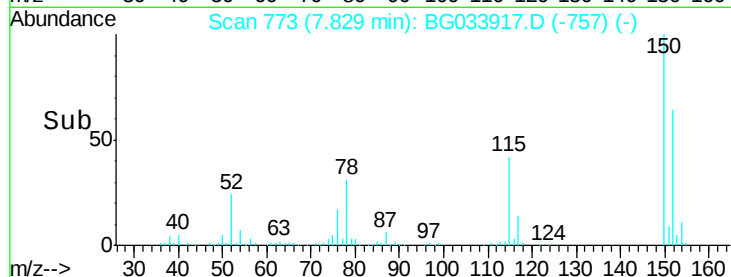
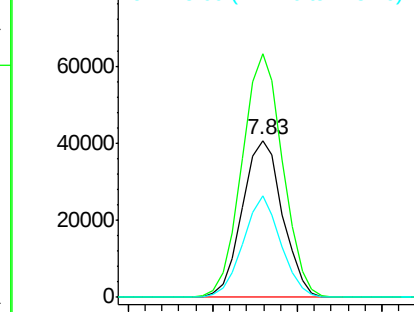
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033917.D
Acq: 23 Apr 2018 12:44

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20

Tot Ion:152 Resp: 67493
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 64.9 53.0 79.4



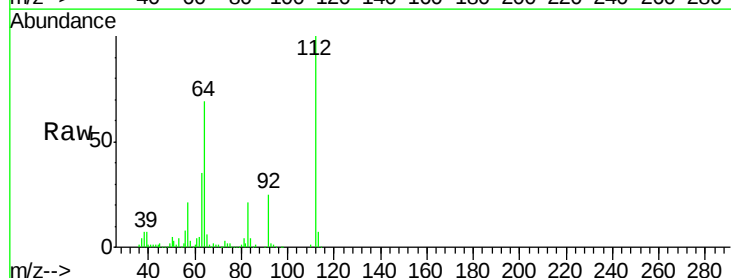
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



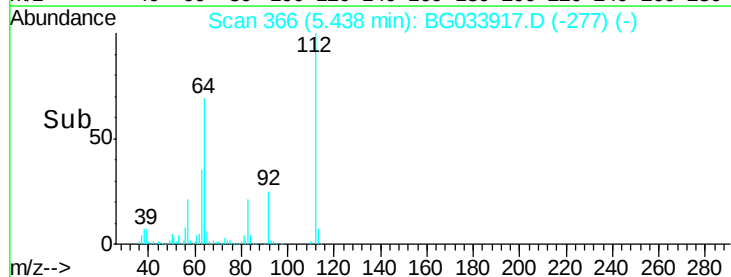
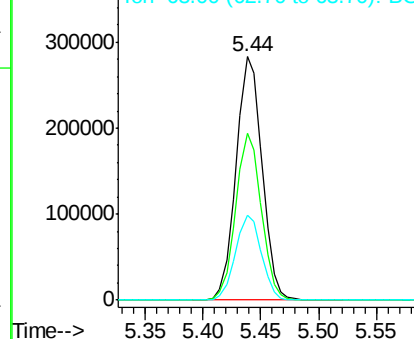
#5

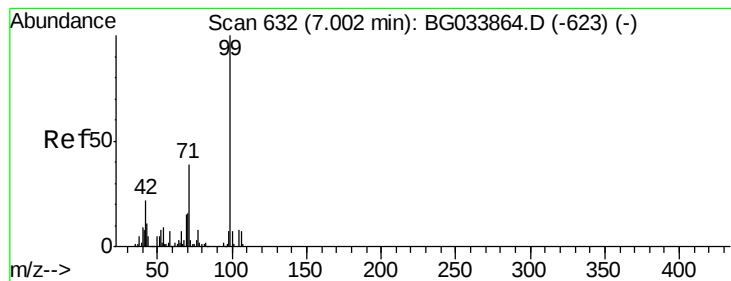
2-Fluorophenol
Concen: 104.560 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033917.D
Acq: 23 Apr 2018 12:44

Tgt Ion:112 Resp: 442024
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 34.7 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: 97.134 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033917.D

Acq: 23 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

MDP-B-3-18-20

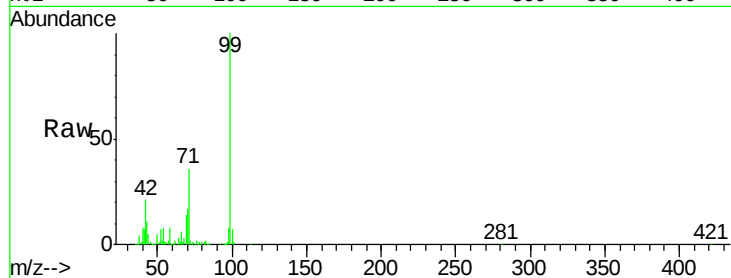
Tot Ion: 99 Resp: 598930

Ion Ratio Lower Upper

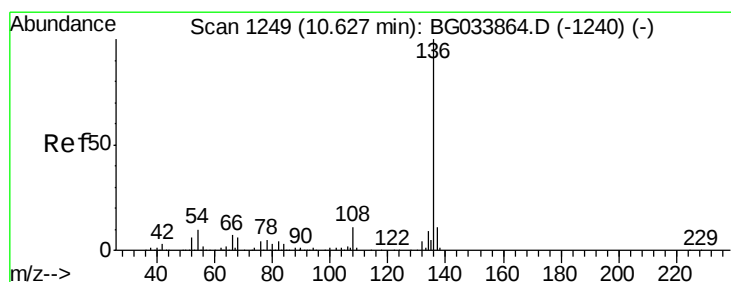
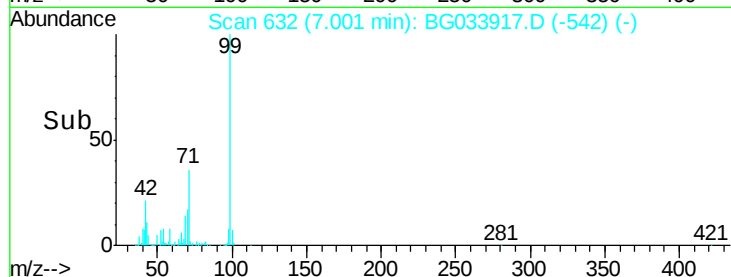
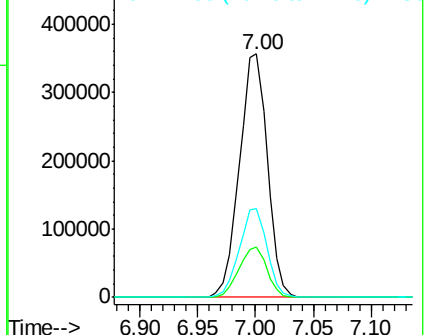
99 100

42 20.8 14.1 21.1

71 36.5 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: 10.61 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033917.D

Acq: 23 Apr 2018 12:44

Tgt Ion: 136 Resp: 289417

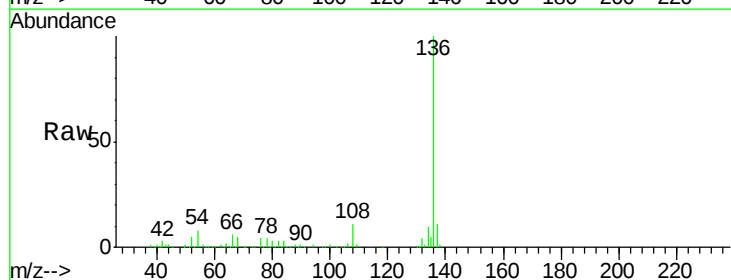
Ion Ratio Lower Upper

136 100

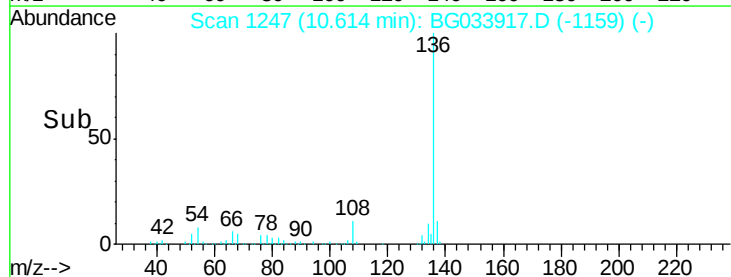
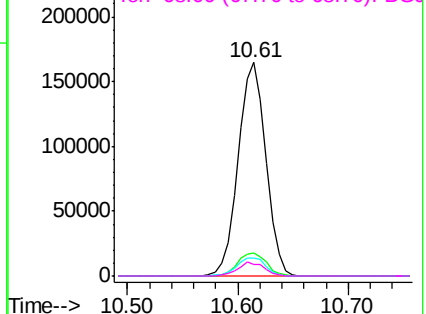
137 10.8 9.2 13.8

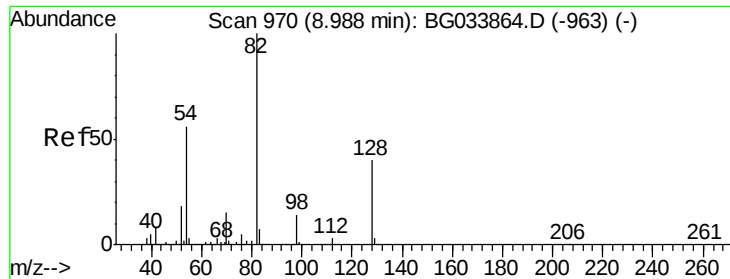
54 8.5 10.3 15.5#

68 5.4 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

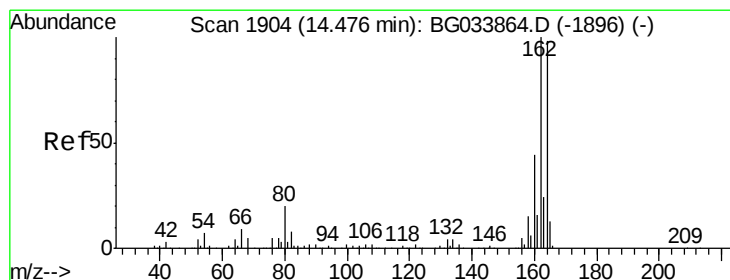
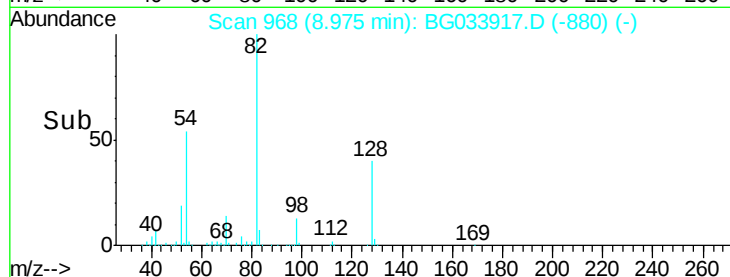
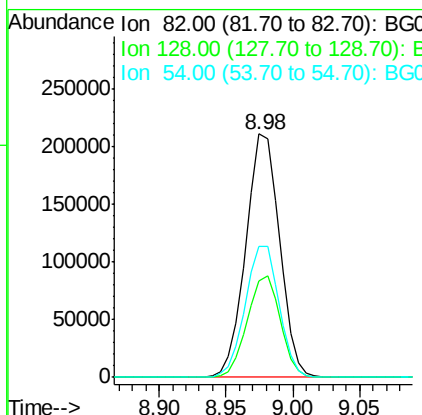
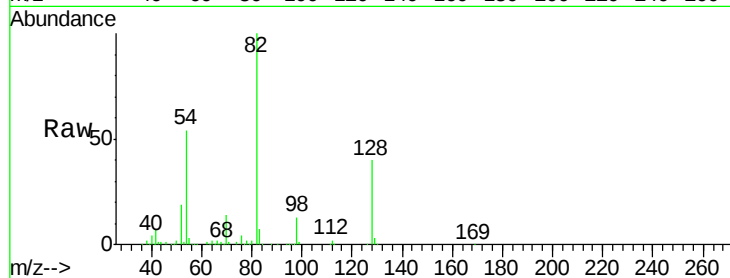




#23
 Nitrobenzene-d5
 Concen: 72.578 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033917.D
 Acq: 23 Apr 2018 12:44

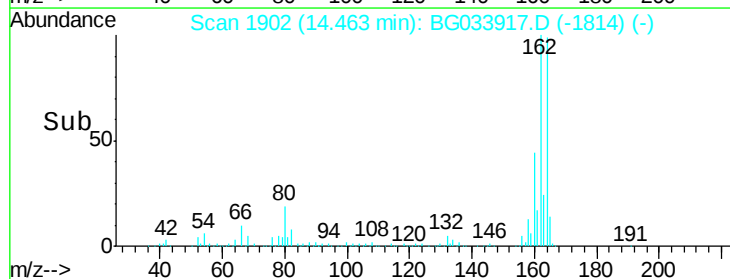
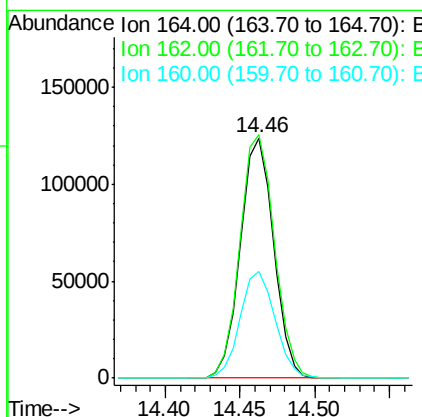
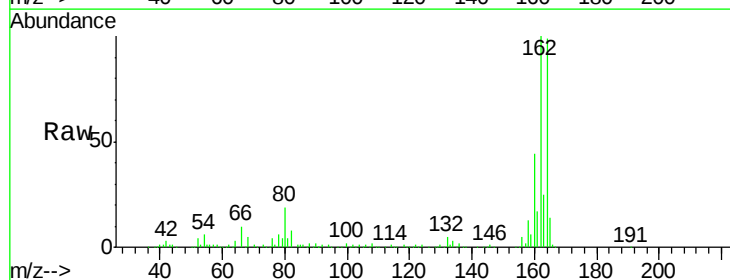
Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20

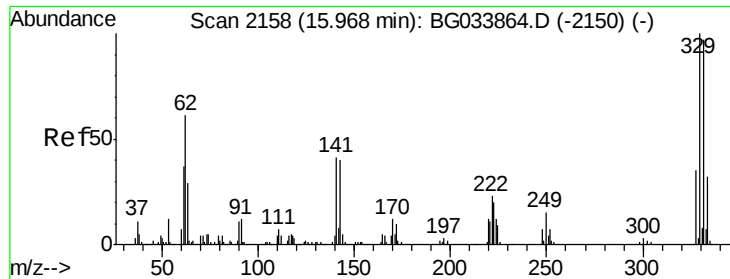
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.7	44.5
54	54.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033917.D
 Acq: 23 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.2	35.4	53.0

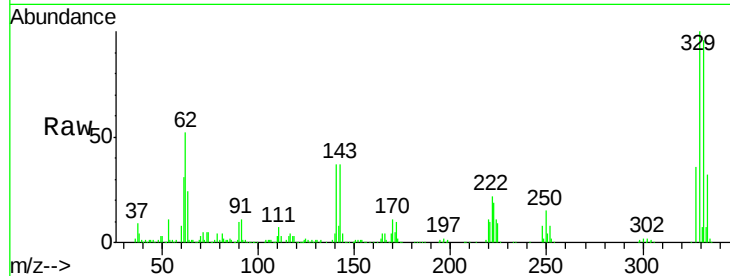




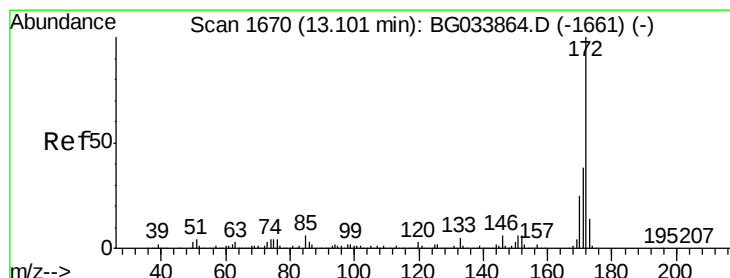
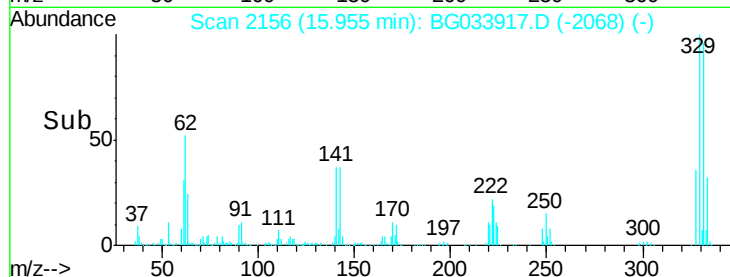
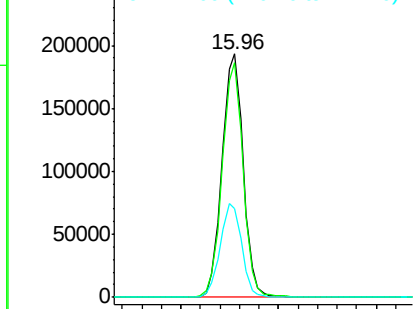
#41
 2,4,6-Tribromophenol
 Concen: 131.387 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033917.D
 Acq: 23 Apr 2018 12:44

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	38.9	25.2	37.8#

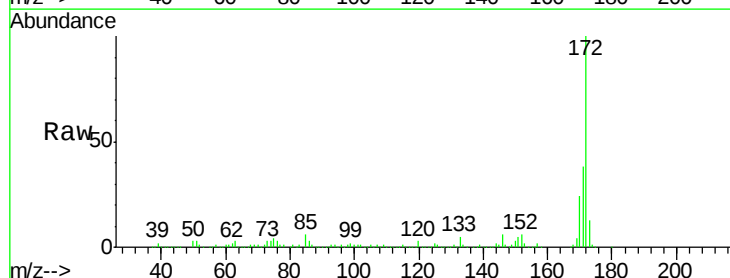


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

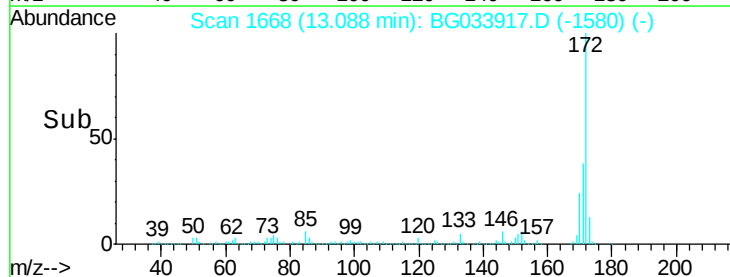
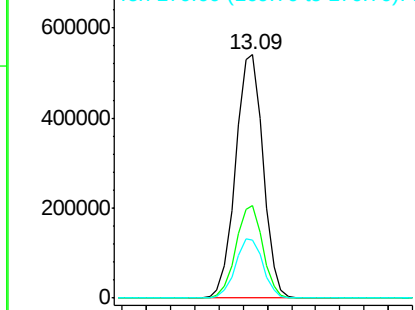


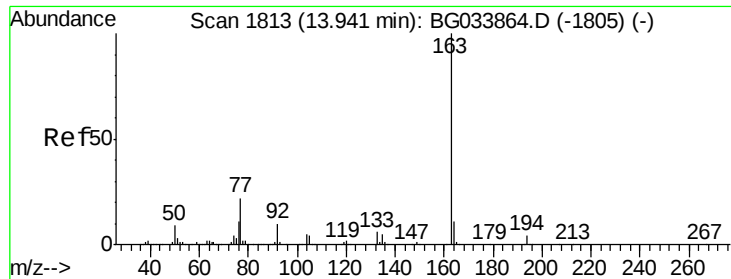
#44
 2-Fluorobiphenyl
 Concen: 66.076 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033917.D
 Acq: 23 Apr 2018 12:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	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: 3.587 ng

RT: 13.92 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BG033917.D

Acq: 23 Apr 2018 12:44

Instrument :

BNA_G

ClientSampleId :

MDP-B-3-18-20

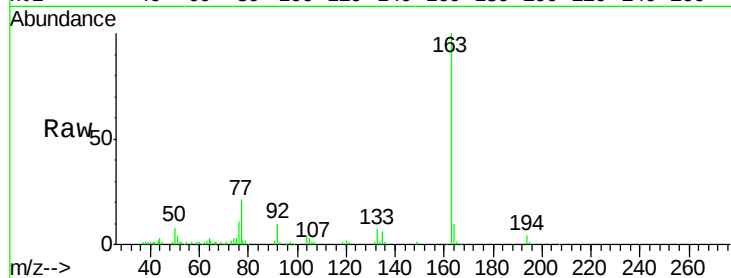
Tot Ion:163 Resp: 60149

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

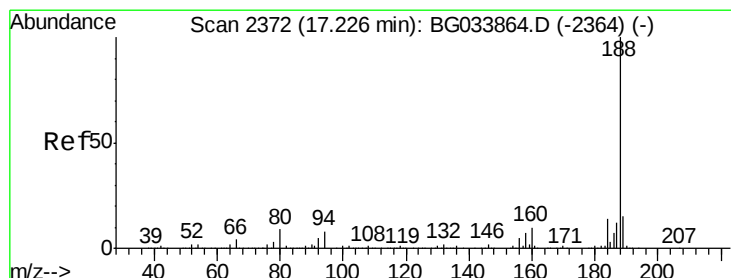
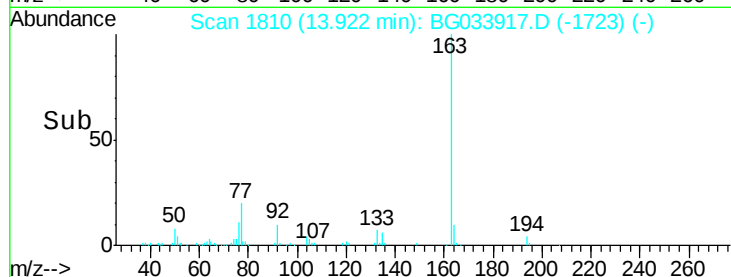
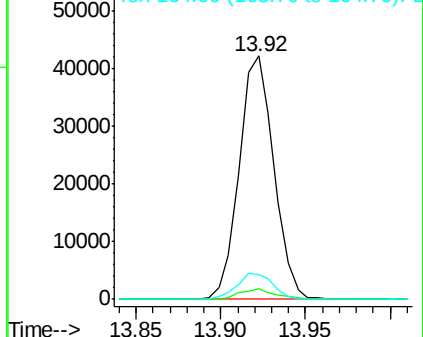
164 10.3 8.2 12.4



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: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033917.D

Acq: 23 Apr 2018 12:44

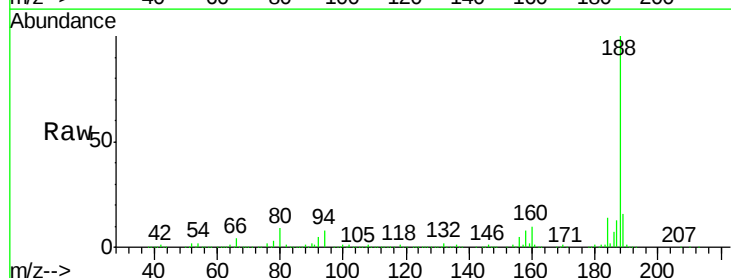
Tgt Ion:188 Resp: 505797

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

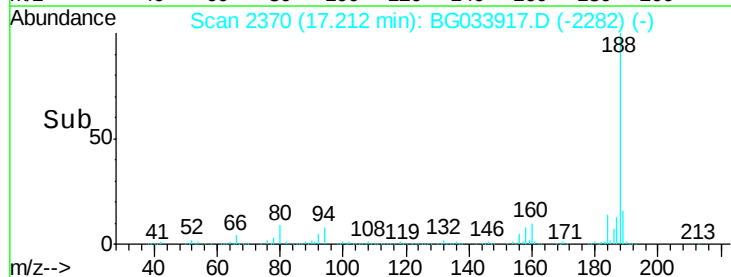
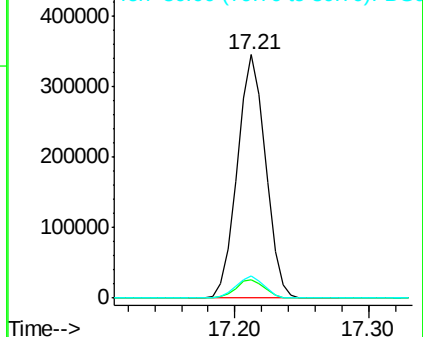
80 9.3 7.7 11.5

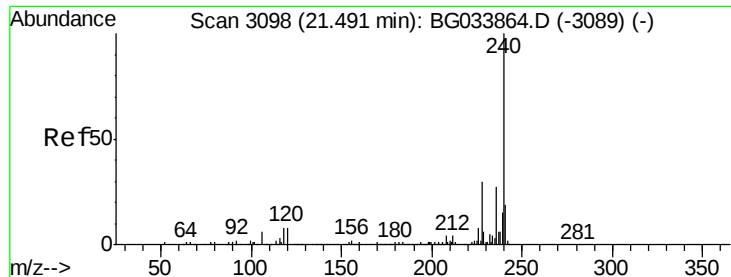


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033917.D

Acq: 23 Apr 2018 12:44

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ClientSampleId :

MDP-B-3-18-20

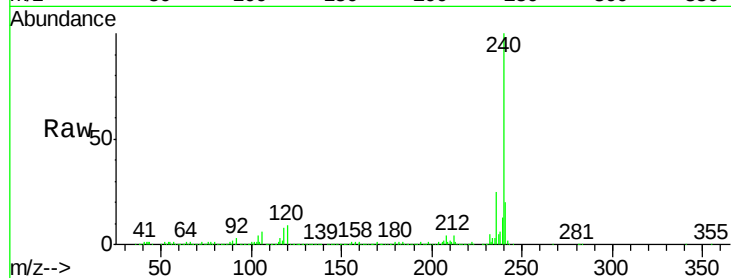
Tot Ion:240 Resp: 547976

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

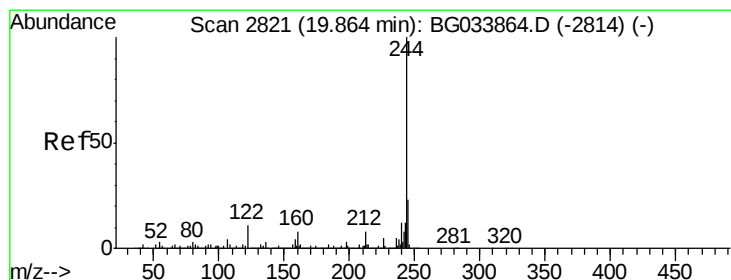
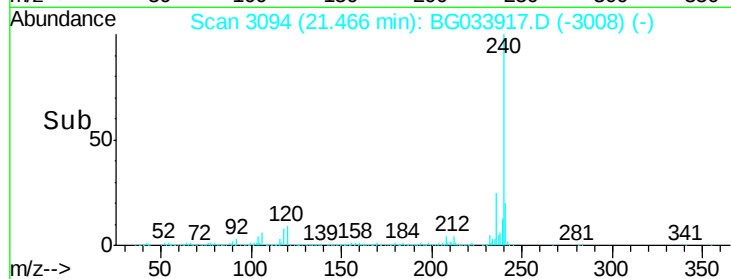
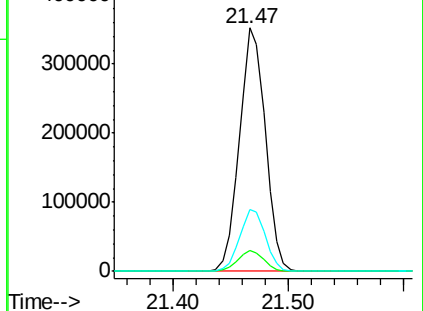
236 25.4 20.9 31.3



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: 62.891 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033917.D

Acq: 23 Apr 2018 12:44

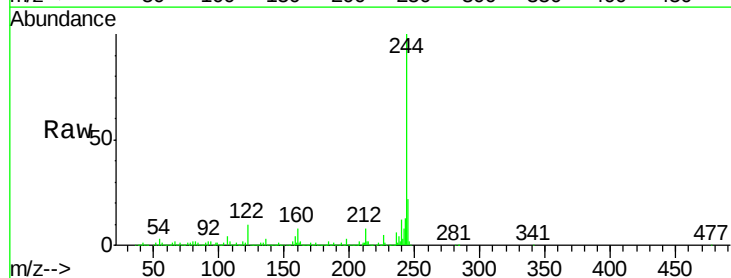
Tgt Ion:244 Resp: 1533986

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

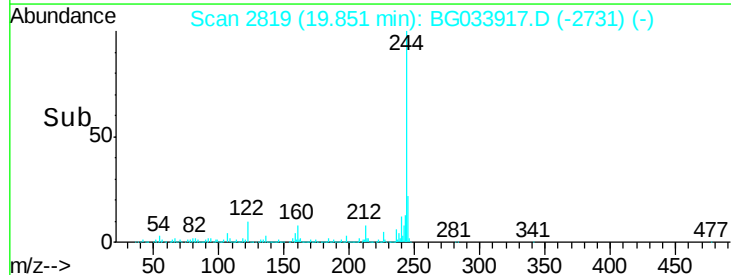
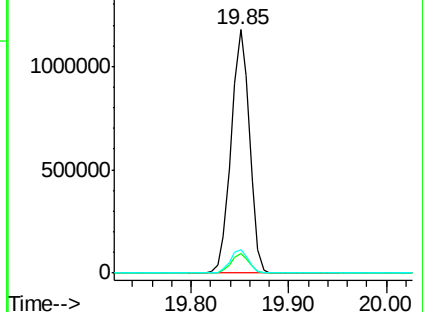
122 9.7 7.0 10.4

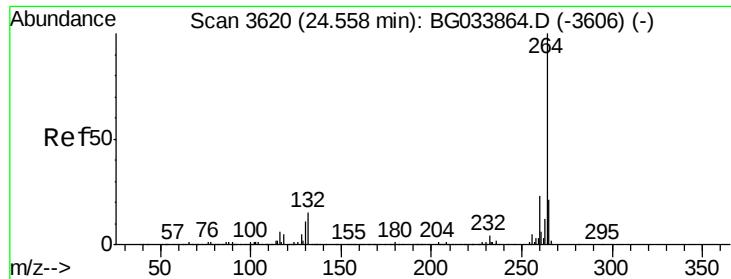


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.53 min Scan# 3615
Delta R.T. -0.03 min
Lab File: BG033917.D
Acq: 23 Apr 2018 12:44

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	17.7	26.5

