

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033497.D
 Acq On : 2 Apr 2018 21:16
 Operator : SJ/JU
 Sample : J2114-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032718-TIDO-E-D-S

Quant Time: Apr 03 04:52:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

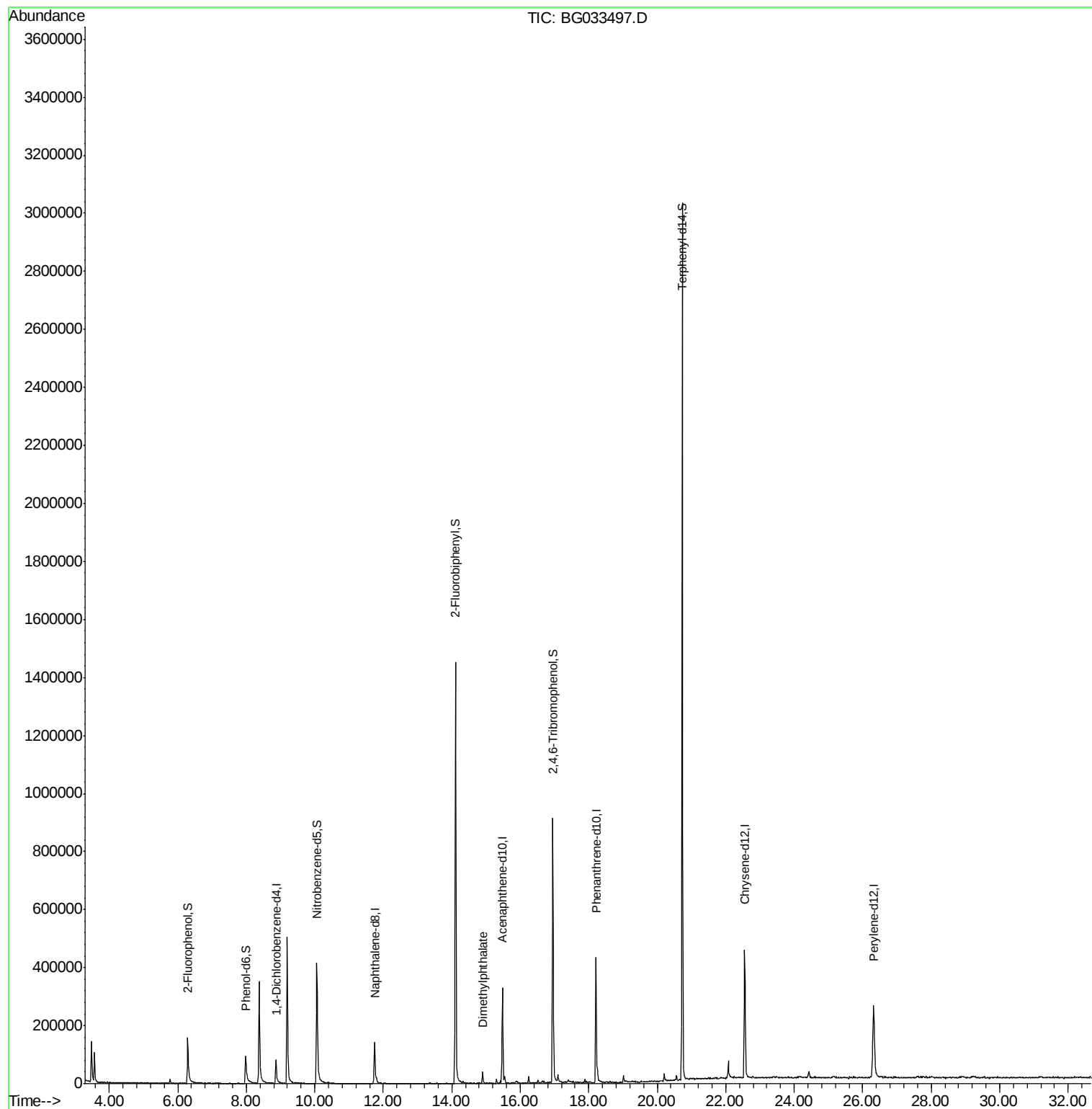
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33461	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	152672	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121829	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	336465	20.00	ng	0.00
75) Chrysene-d12	22.55	240	339050	20.00	ng	0.00
86) Perylene-d12	26.31	264	356349	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	92952	52.09	ng	0.00
7) Phenol-d6	7.98	99	84932	27.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	336966	101.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	182729	100.29	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	847276	100.40	ng	0.00
78) Terphenyl-d14	20.73	244	1523596	96.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	29957	2.825	ng	Qvalue # 95

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

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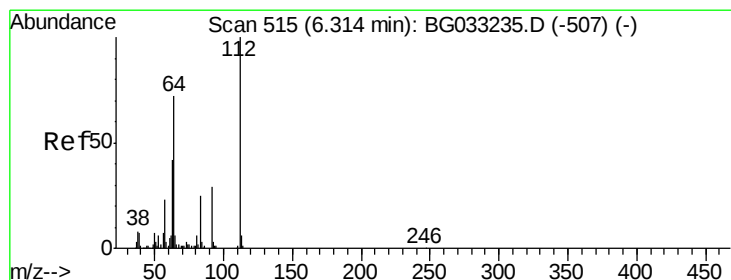
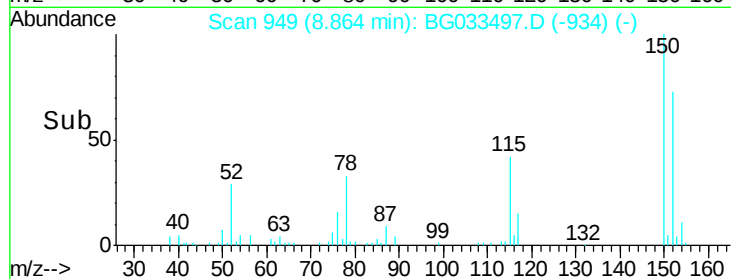
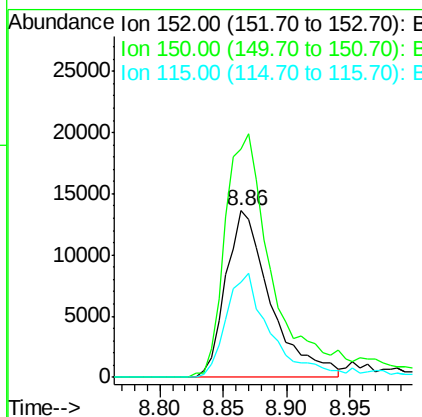
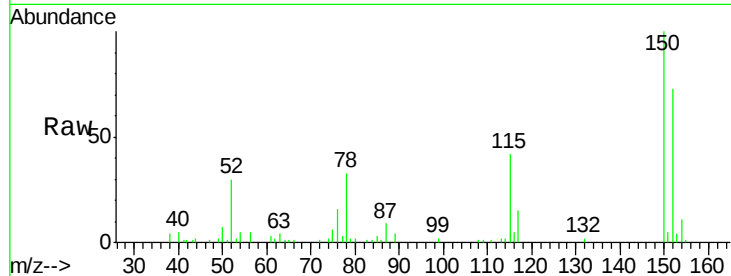


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033497.D
Acq: 2 Apr 2018 21:16

Instrument :
BNA_G
ClientSampleId :
032718-TIDO-E-D-S

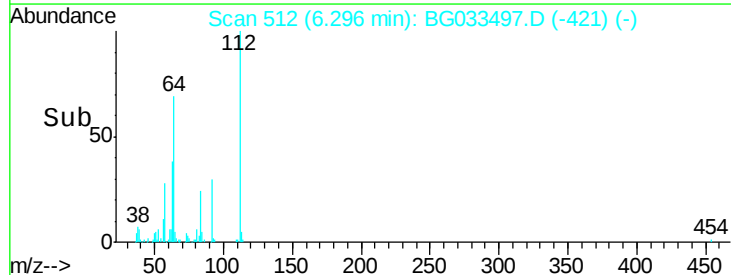
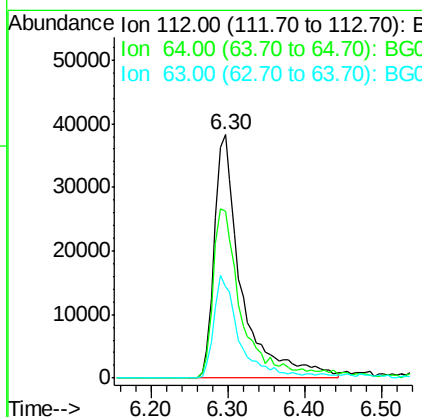
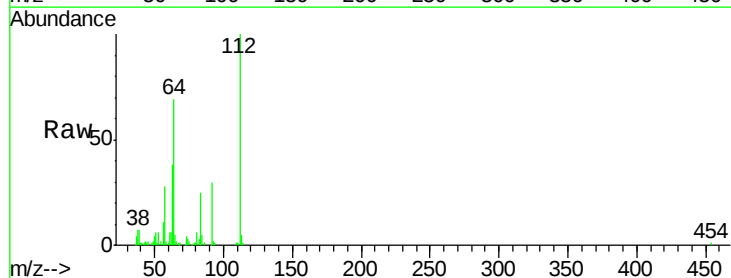
Tot Ion:152 Resp: 33461
Ion Ratio Lower Upper
152 100
150 137.6 126.6 189.8
115 57.6 53.0 79.4

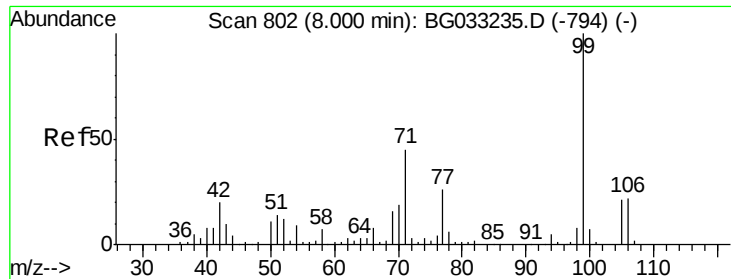


#5

2-Fluorophenol
Concen: 52.089 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033497.D
Acq: 2 Apr 2018 21:16

Tgt Ion:112 Resp: 92952
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 37.6 30.1 45.1





#7

Phenol-d6

Concen: 27.700 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033497.D

Acq: 2 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

032718-TIDO-E-D-S

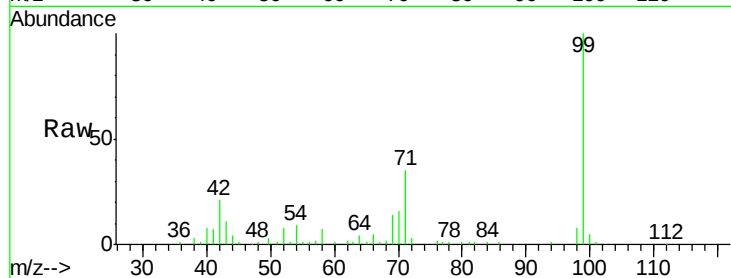
Tot Ion: 99 Resp: 84932

Ion Ratio Lower Upper

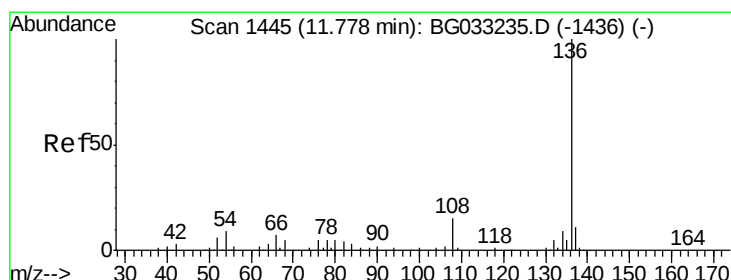
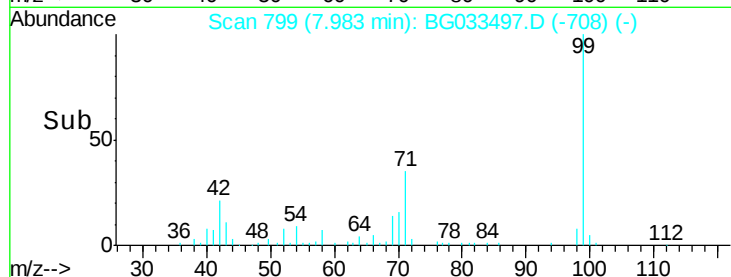
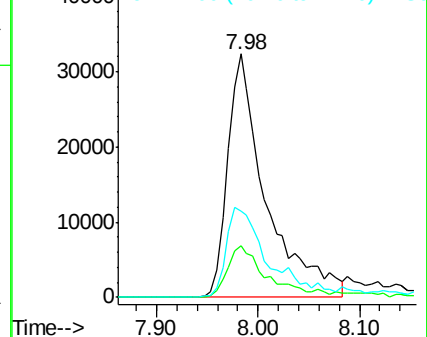
99 100

42 21.1 14.1 21.1

71 35.5 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033497.D

Acq: 2 Apr 2018 21:16

Tgt Ion: 136 Resp: 152672

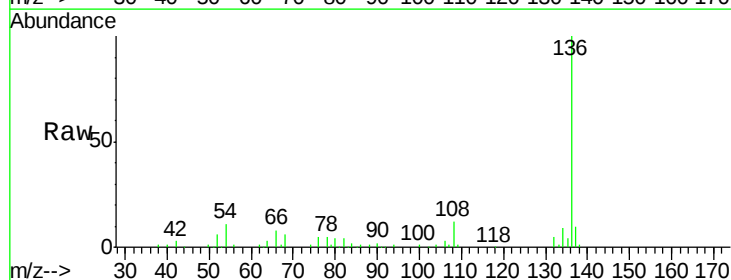
Ion Ratio Lower Upper

136 100

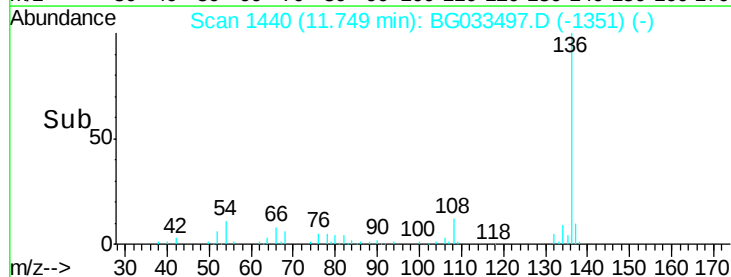
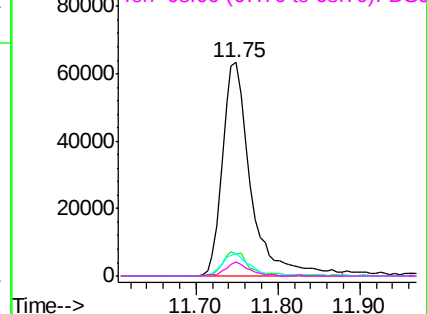
137 10.5 9.2 13.8

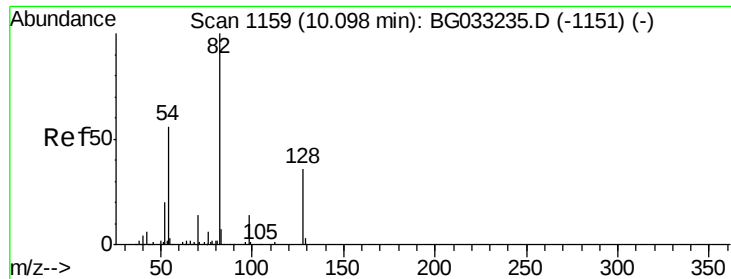
54 10.7 10.3 15.5

68 6.5 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: 101.404 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033497.D

Acq: 2 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

032718-TIDO-E-D-S

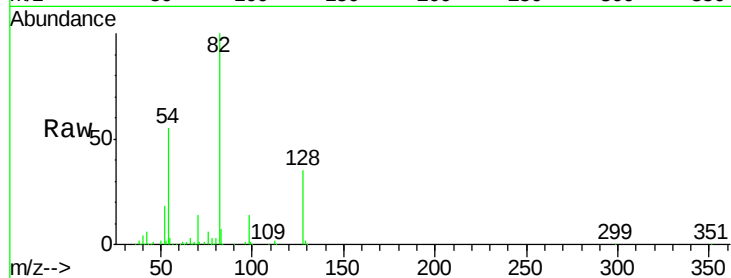
Tot Ion: 82 Resp: 336966

Ion Ratio Lower Upper

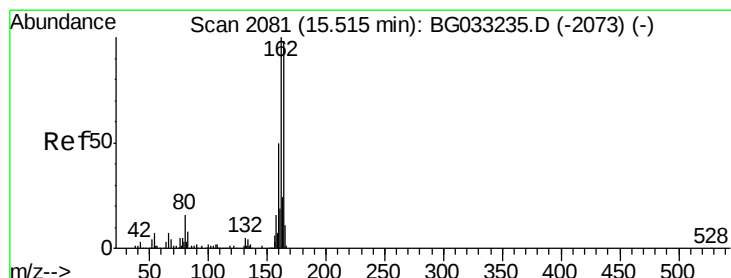
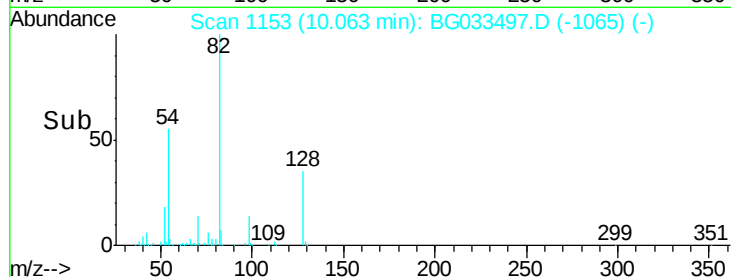
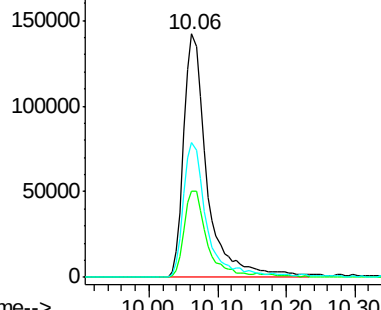
82 100

128 35.4 29.7 44.5

54 55.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033497.D

Acq: 2 Apr 2018 21:16

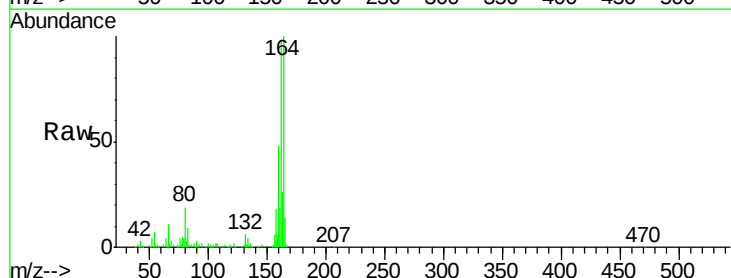
Tgt Ion: 164 Resp: 121829

Ion Ratio Lower Upper

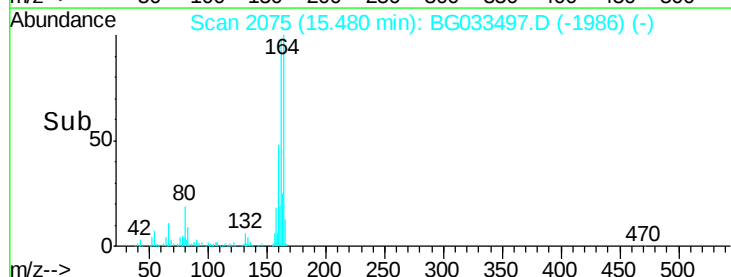
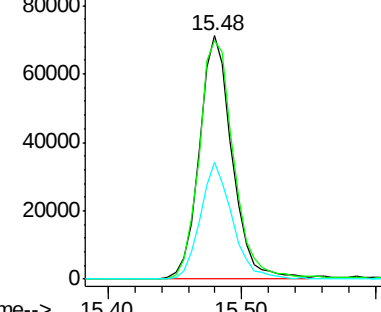
164 100

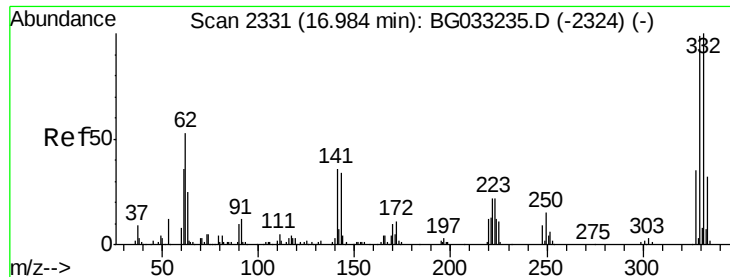
162 97.8 78.8 118.2

160 47.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

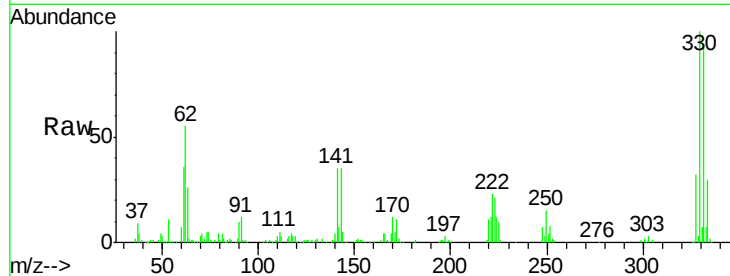




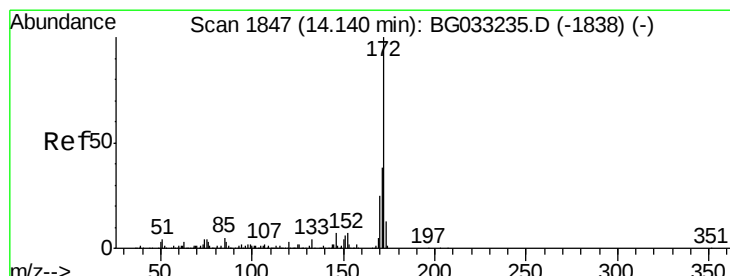
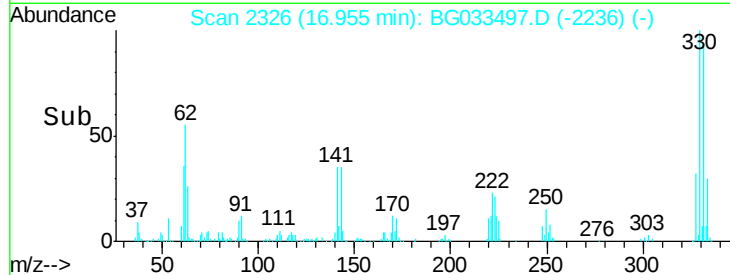
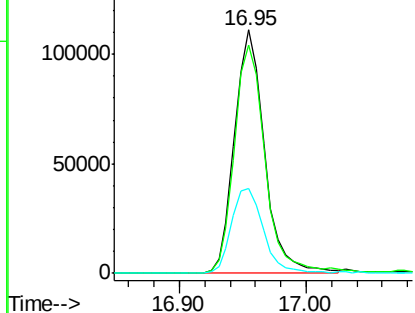
#41
 2,4,6-Tribromophenol
 Concen: 100.285 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033497.D
 Acq: 2 Apr 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 032718-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	37.7	25.2	37.8

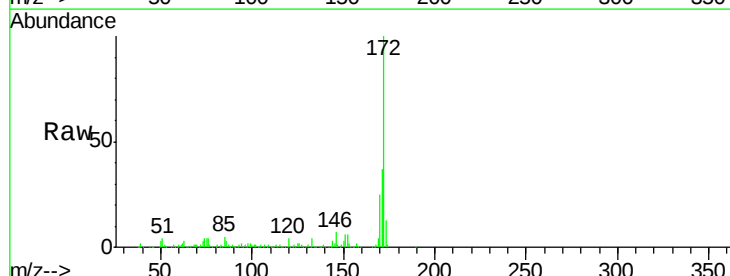


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

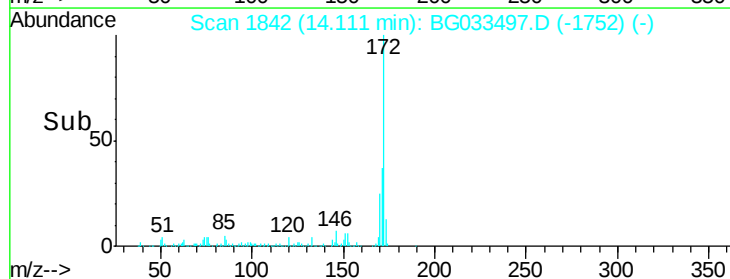
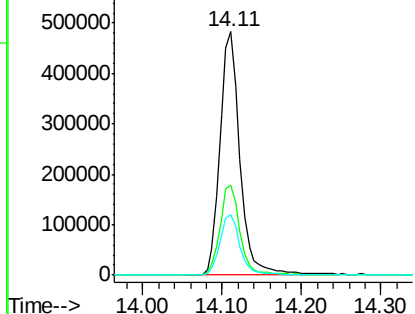


#44
 2-Fluorobiphenyl
 Concen: 100.400 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033497.D
 Acq: 2 Apr 2018 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.7	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: 2.825 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033497.D

Acq: 2 Apr 2018 21:16

Instrument :

BNA_G

ClientSampleId :

032718-TIDO-E-D-S

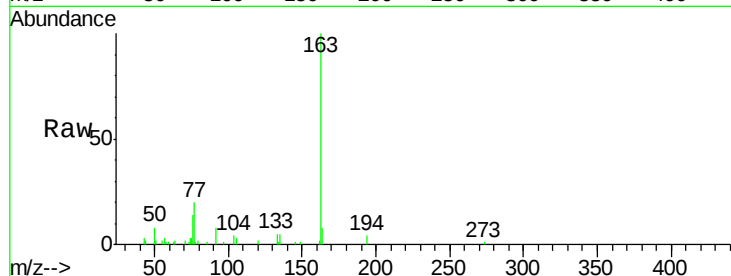
Tot Ion:163 Resp: 29957

Ion Ratio Lower Upper

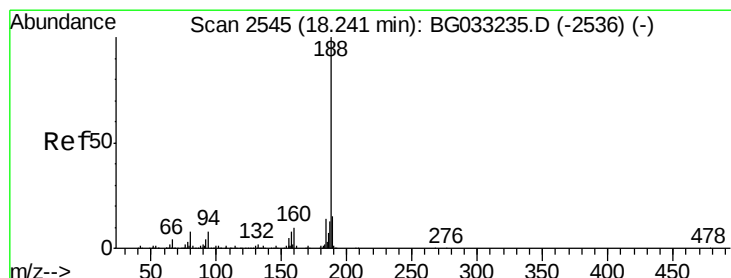
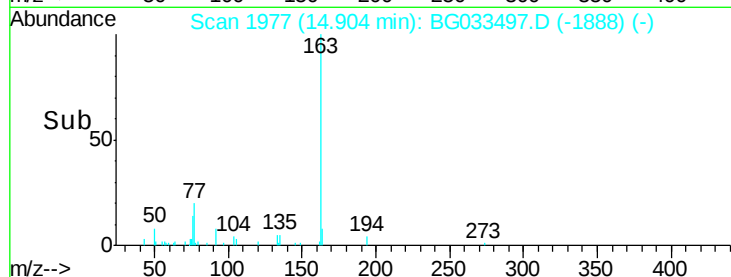
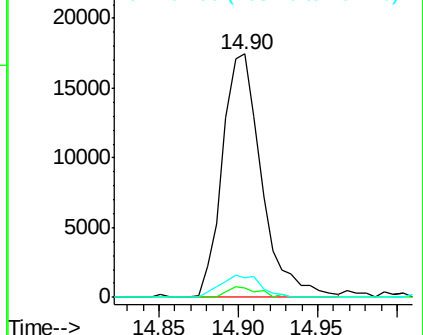
163 100

194 3.6 3.4 5.2

164 8.1 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033497.D

Acq: 2 Apr 2018 21:16

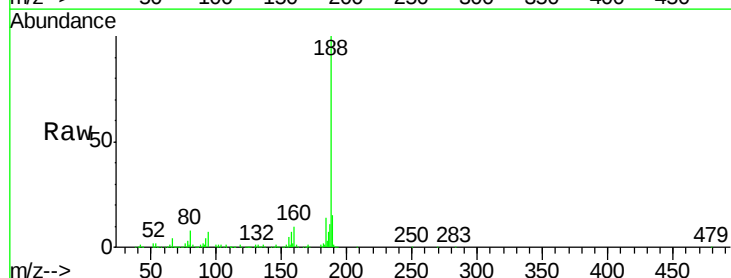
Tgt Ion:188 Resp: 336465

Ion Ratio Lower Upper

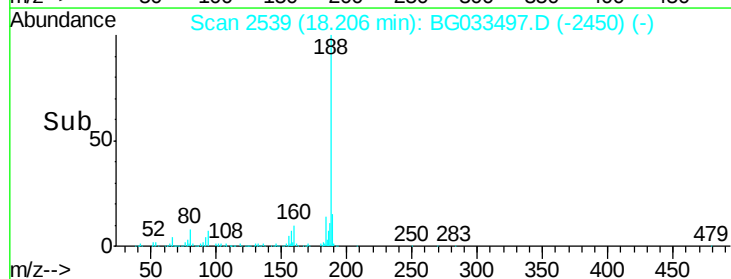
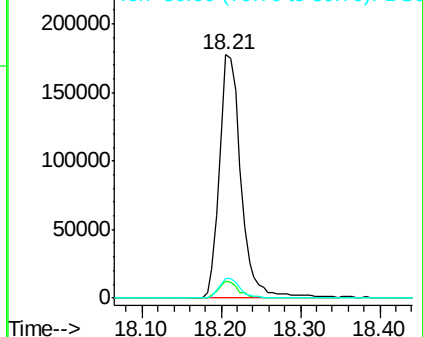
188 100

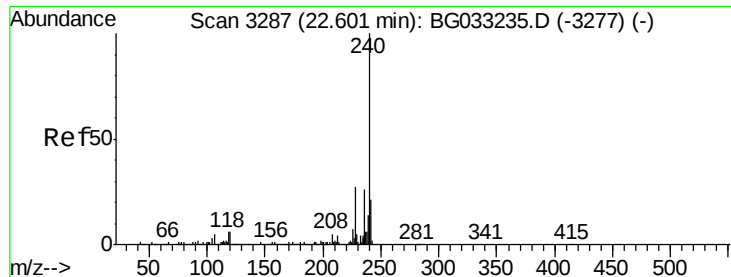
94 6.9 6.9 10.3

80 8.2 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

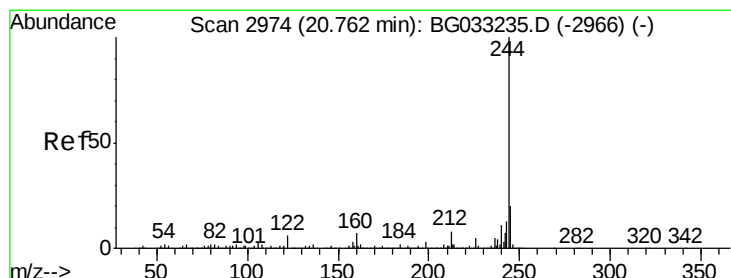
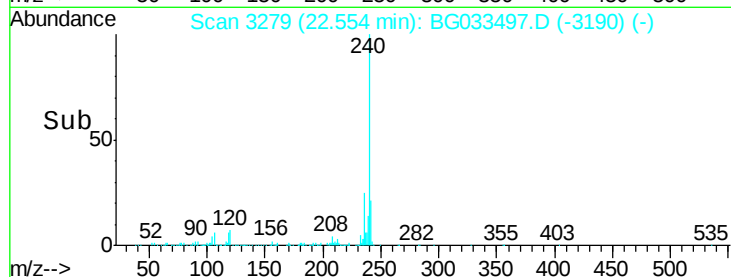
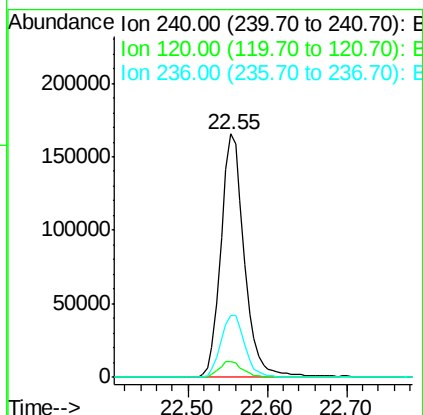
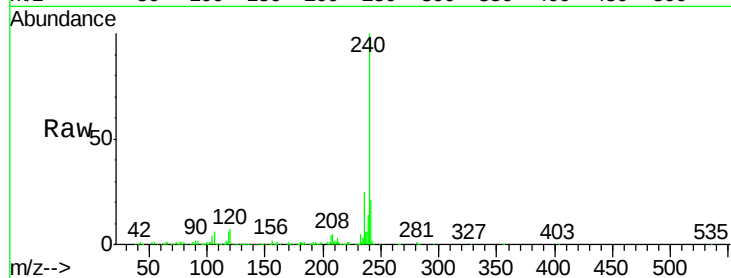




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033497.D
Acq: 2 Apr 2018 21:16

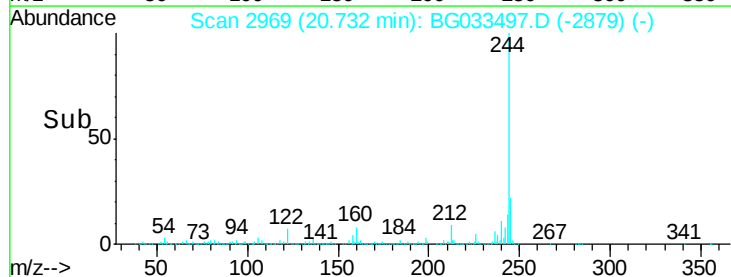
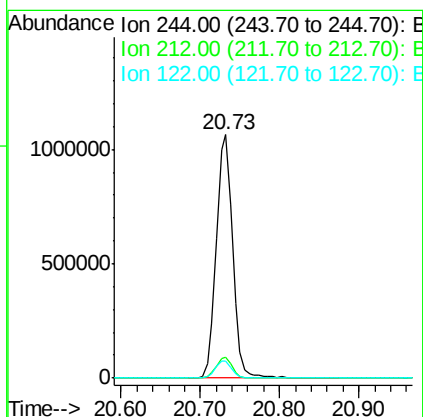
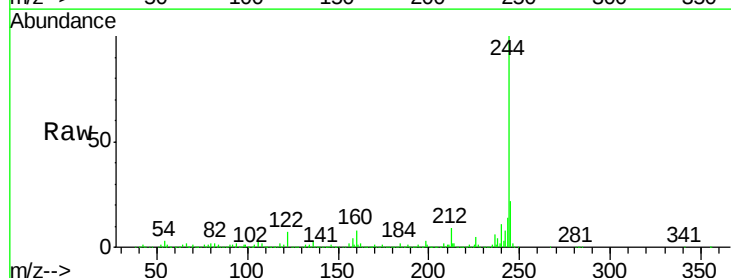
Instrument :
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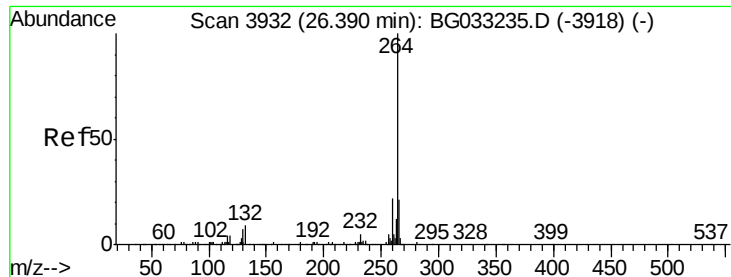
Tot Ion:240 Resp: 339050
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 25.5 20.9 31.3



#78
Terphenyl-d14
Concen: 96.103 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033497.D
Acq: 2 Apr 2018 21:16

Tgt Ion:244 Resp: 1523596
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 7.0 7.0 10.4

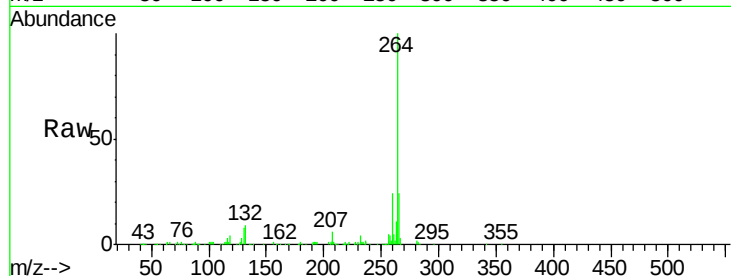




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033497.D
Acq: 2 Apr 2018 21:16

Instrument :
BNA_G
ClientSampleId :
032718-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	23.7	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

