

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033504.D
 Acq On : 3 Apr 2018 1:39
 Operator : SJ/JU
 Sample : J2114-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-U-M

Quant Time: Apr 03 05:06:23 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	33236	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	147333	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118254	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	329639	20.00	ng	0.00
75) Chrysene-d12	22.55	240	335643	20.00	ng	0.00
86) Perylene-d12	26.32	264	352544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	81868	46.19	ng	0.00
7) Phenol-d6	7.98	99	69818	22.93	ng	0.00
23) Nitrobenzene-d5	10.06	82	305543	95.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	169141	95.63	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	787608	96.15	ng	0.00
78) Terphenyl-d14	20.73	244	1464405	93.31	ng	0.00

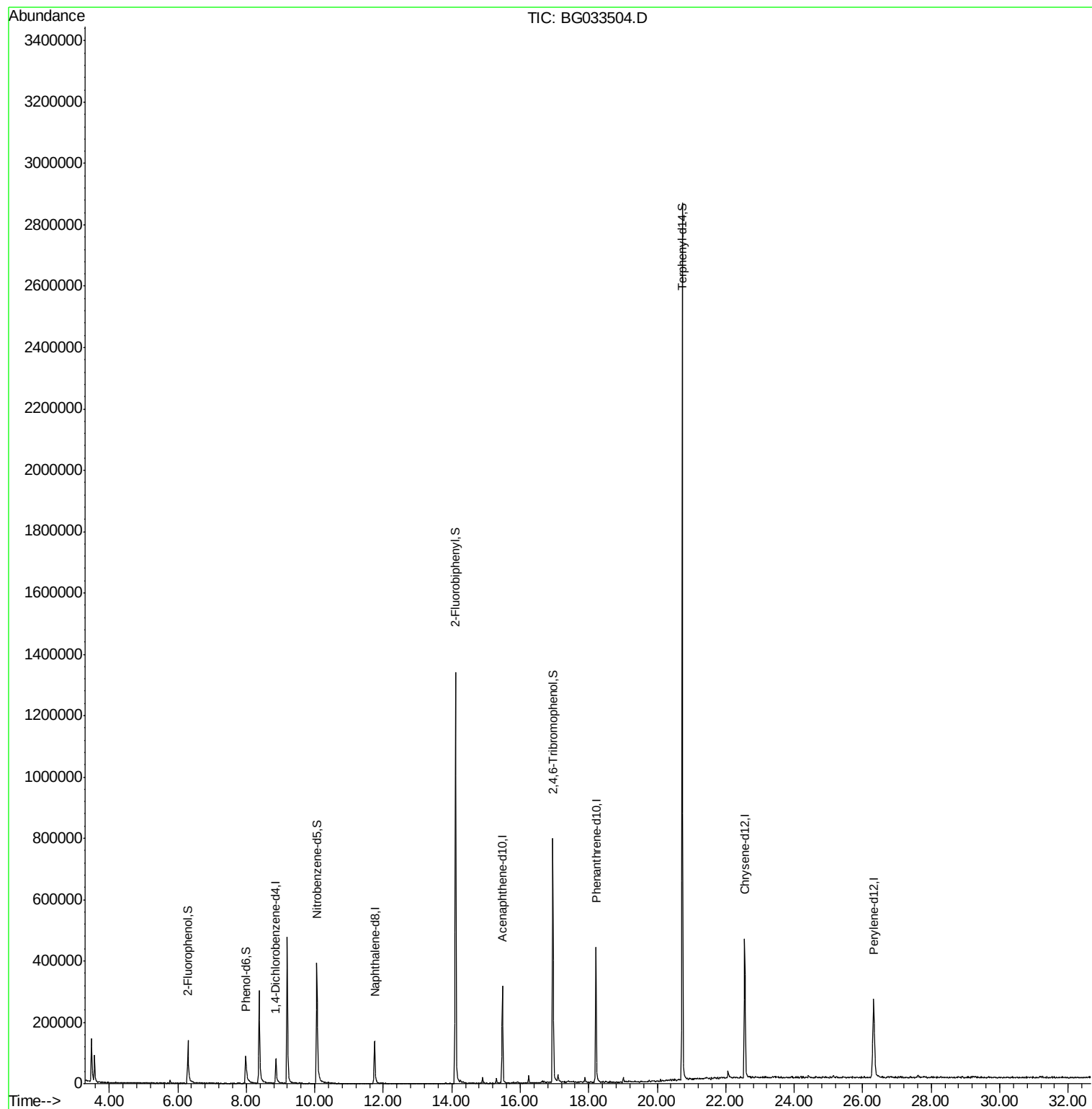
Target Compounds Qvalue

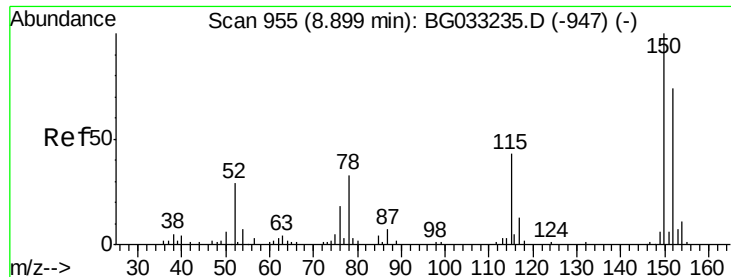
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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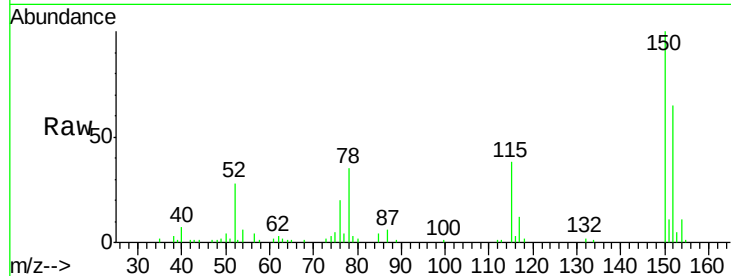


#1

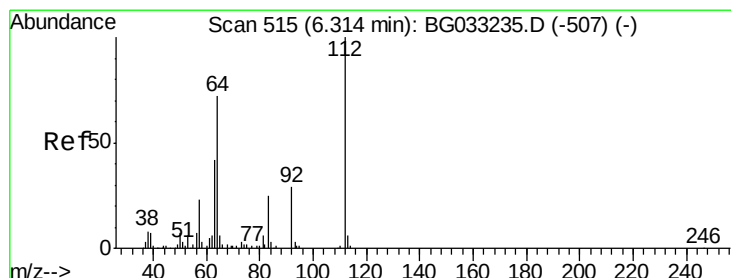
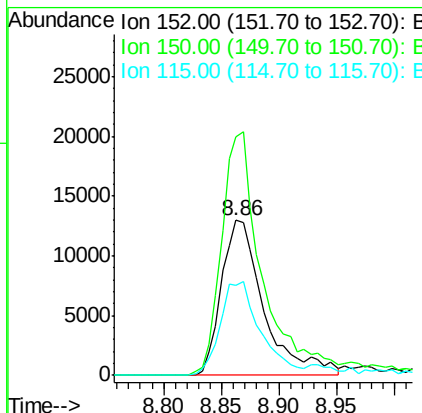
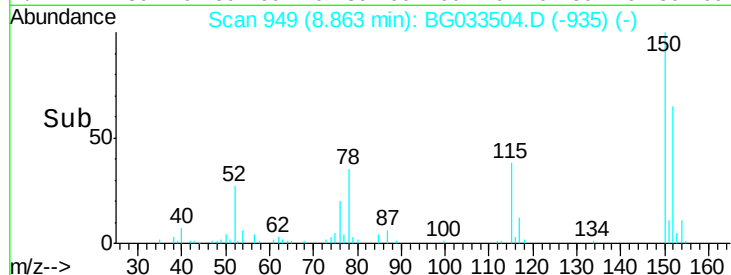
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :
032718-SIDI-E-U-M

Tot Ion:152 Resp: 33236
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 58.3 53.0 79.4



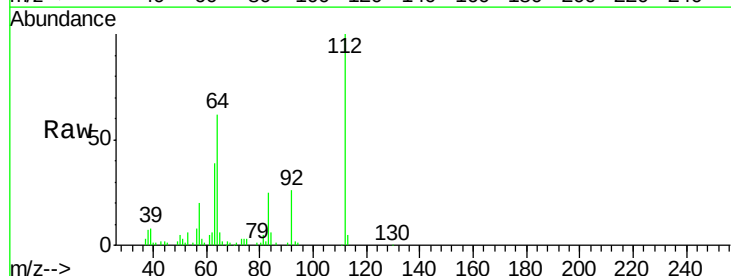
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



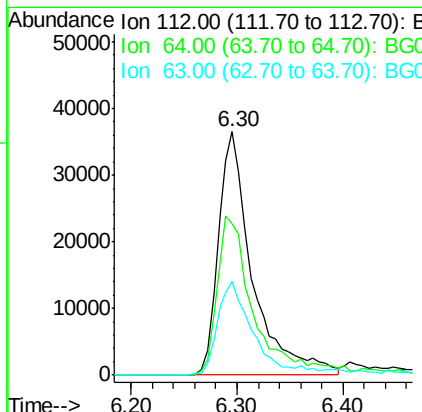
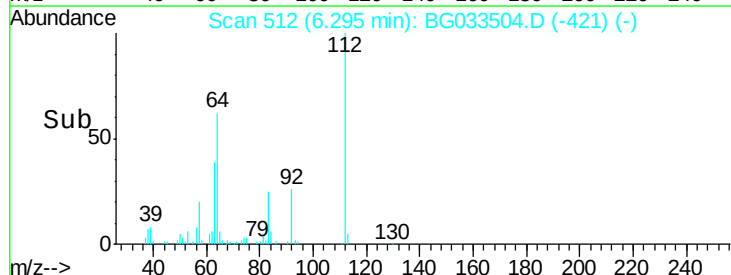
#5

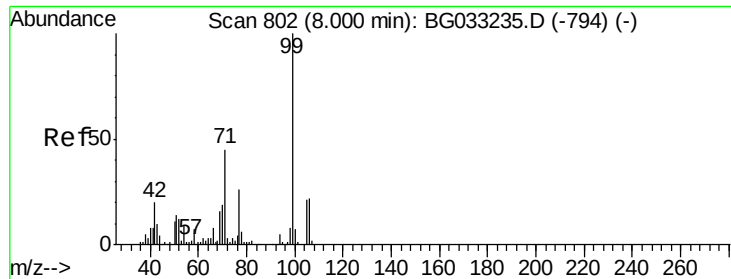
2-Fluorophenol
Concen: 46.189 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

Tgt Ion:112 Resp: 81868
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 38.5 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: 22.925 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-U-M

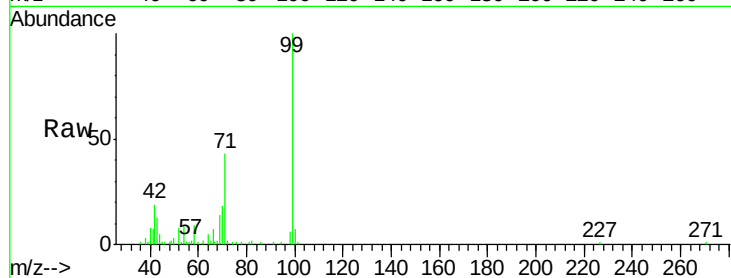
Tot Ion: 99 Resp: 69818

Ion Ratio Lower Upper

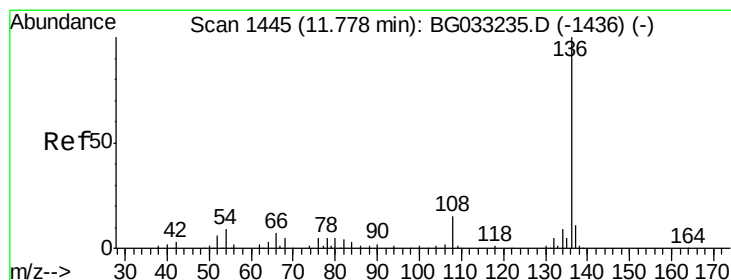
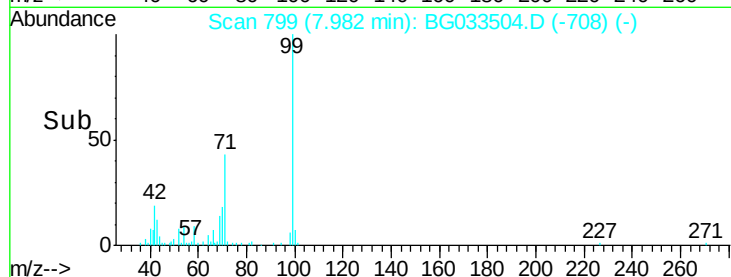
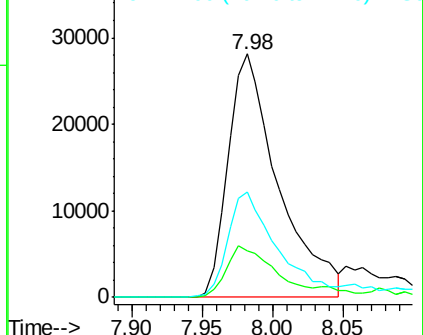
99 100

42 18.9 14.1 21.1

71 43.1 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: BG033504.D

Acq: 3 Apr 2018 1:39

Tgt Ion: 136 Resp: 147333

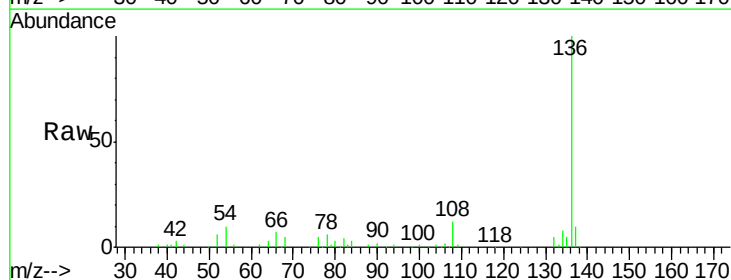
Ion Ratio Lower Upper

136 100

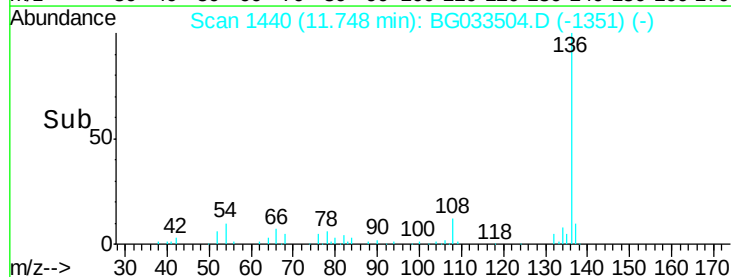
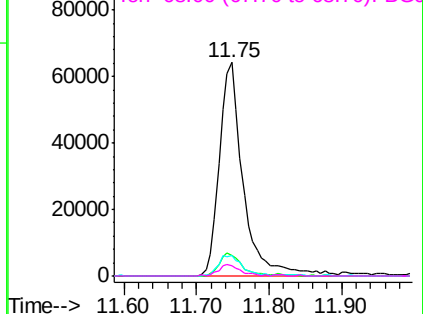
137 9.5 9.2 13.8

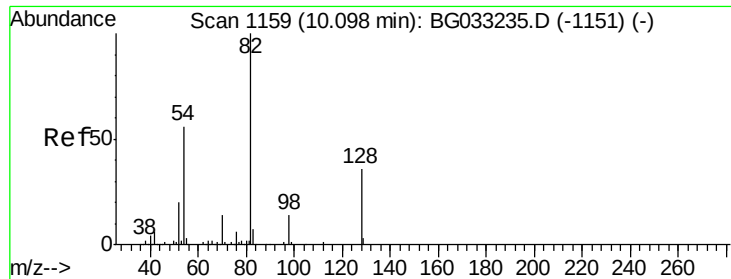
54 9.7 10.3 15.5#

68 4.9 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

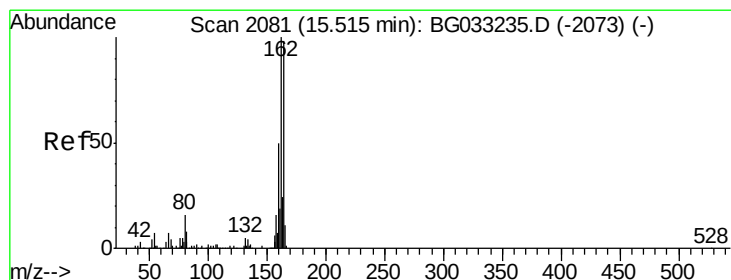
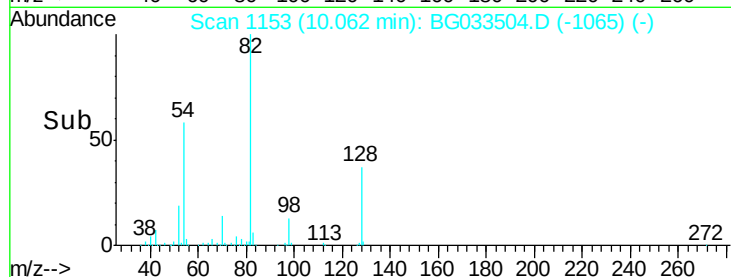
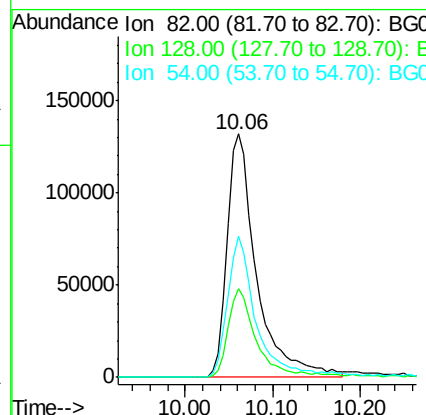
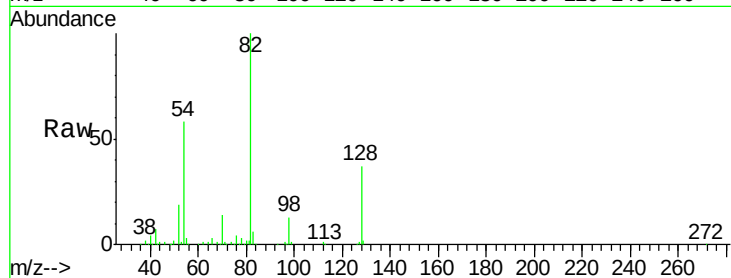




#23
 Nitrobenzene-d5
 Concen: 95.280 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

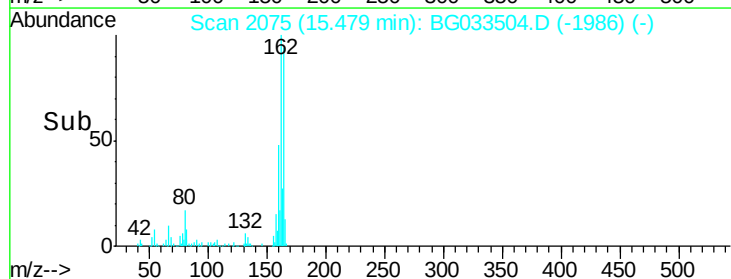
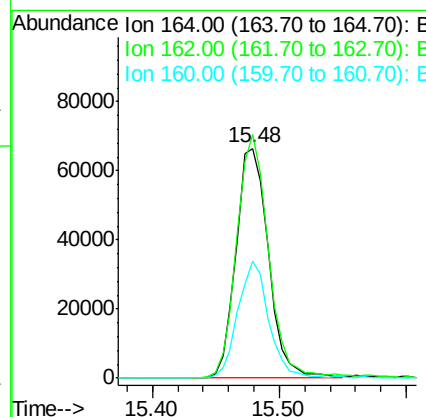
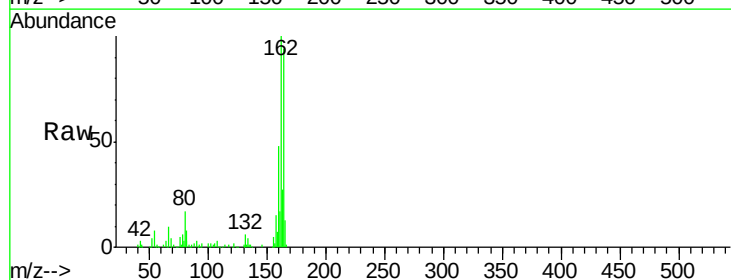
Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-U-M

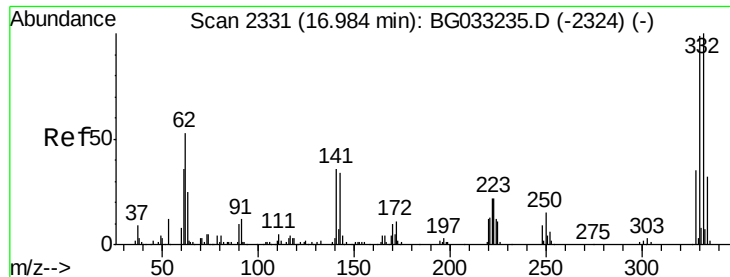
Tot Ion	82	Resp	305543
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.7	44.5
54	57.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Tgt Ion	164	Resp	118254
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.8	118.2
160	50.6	35.4	53.0

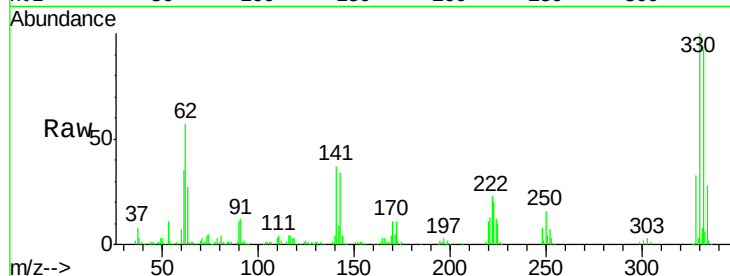




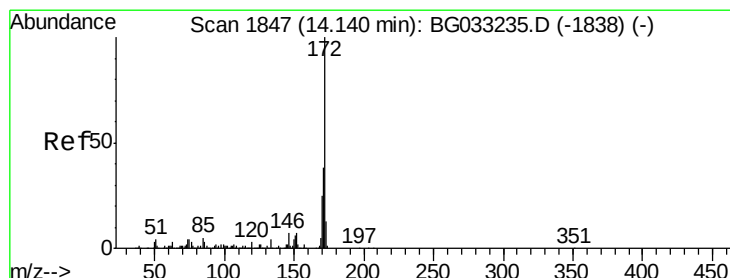
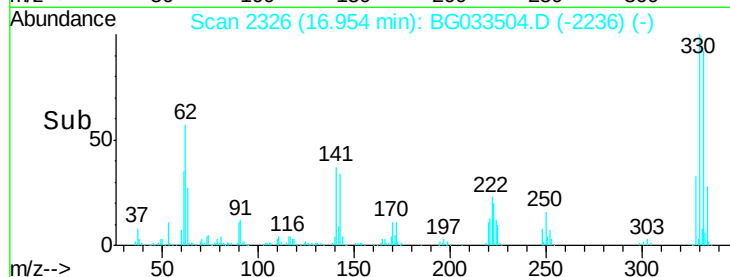
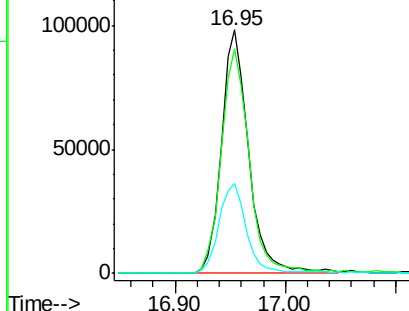
#41
 2,4,6-Tribromophenol
 Concen: 95.634 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.7	25.2	37.8

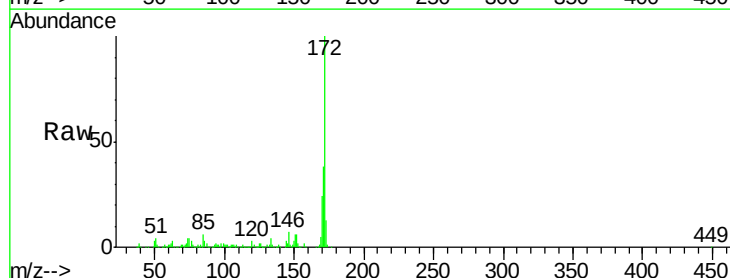


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

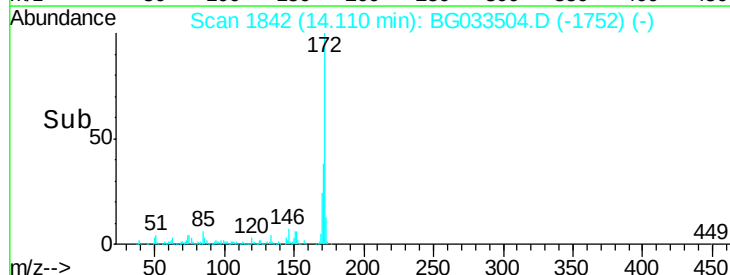
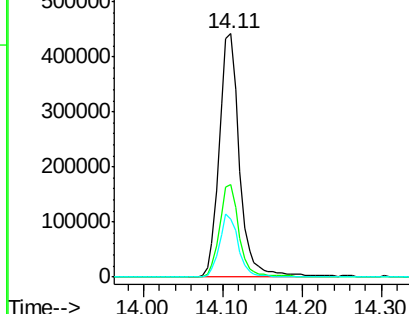


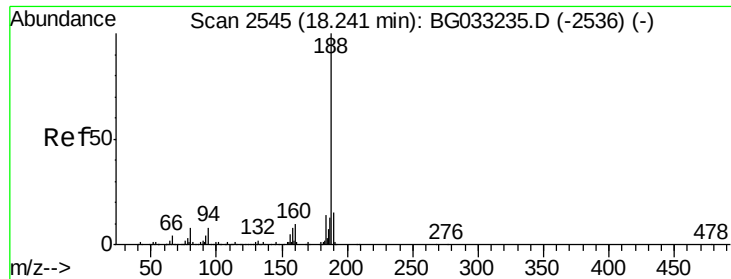
#44
 2-Fluorobiphenyl
 Concen: 96.151 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033504.D
 Acq: 3 Apr 2018 1:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.8	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

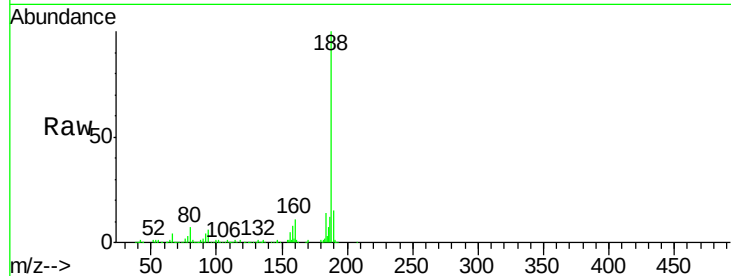




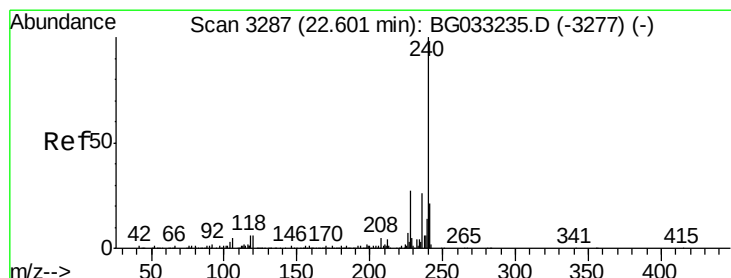
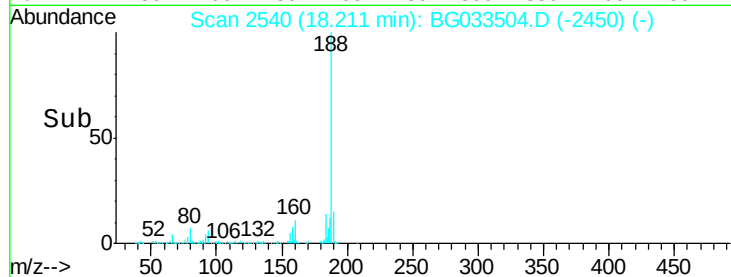
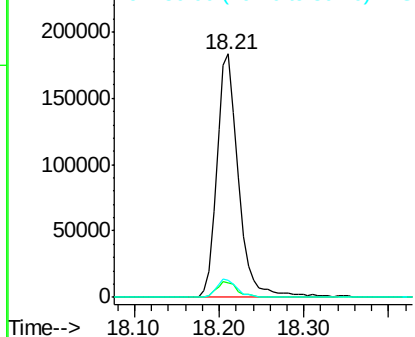
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :
032718-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.0	7.7	11.5#

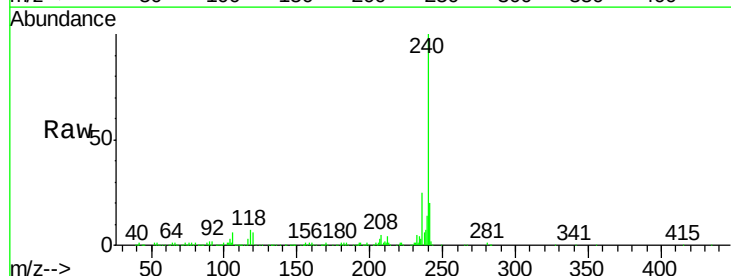


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

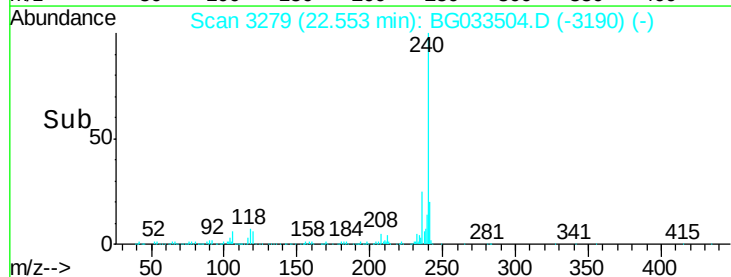
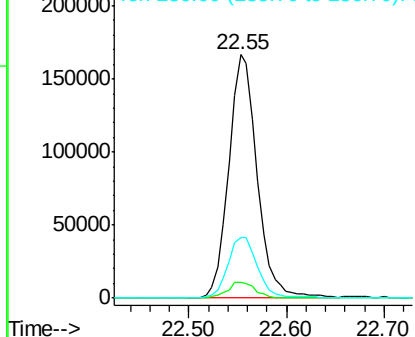


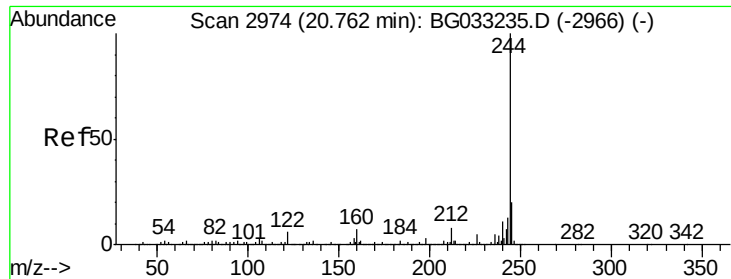
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033504.D
Acq: 3 Apr 2018 1:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	25.1	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: 93.307 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-U-M

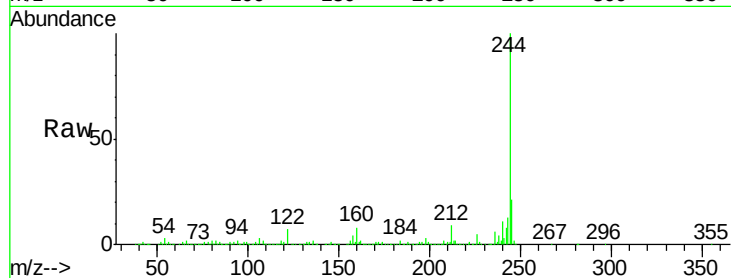
Tot Ion:244 Resp: 1464405

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

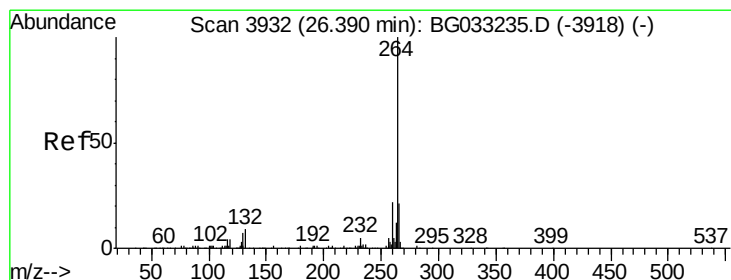
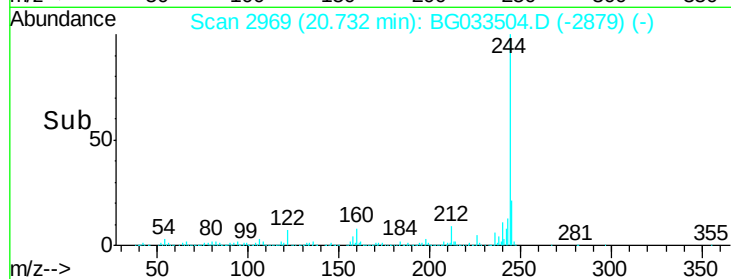
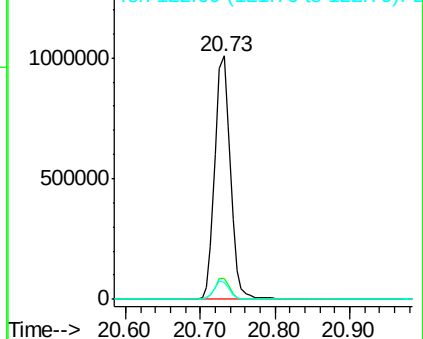
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.02 min

Lab File: BG033504.D

Acq: 3 Apr 2018 1:39

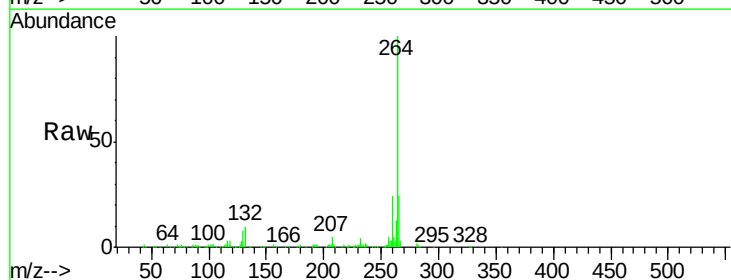
Tgt Ion:264 Resp: 352544

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 23.9 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

