

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033904.D
 Acq On : 21 Apr 2018 3:50
 Operator : SJ/JU
 Sample : J2473-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-S

Quant Time: Apr 21 05:55:35 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	58599	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	243692	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	154353	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	413454	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	511412	20.00	ng	-0.02
86) Perylene-d12	24.54	264	507590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	179141	48.81	ng	0.00
7) Phenol-d6	6.99	99	150524	28.12	ng	0.00
23) Nitrobenzene-d5	8.98	82	452330	105.63	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	207571	115.27	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1085260	103.29	ng	-0.01
78) Terphenyl-d14	19.86	244	2158365	94.82	ng	0.00

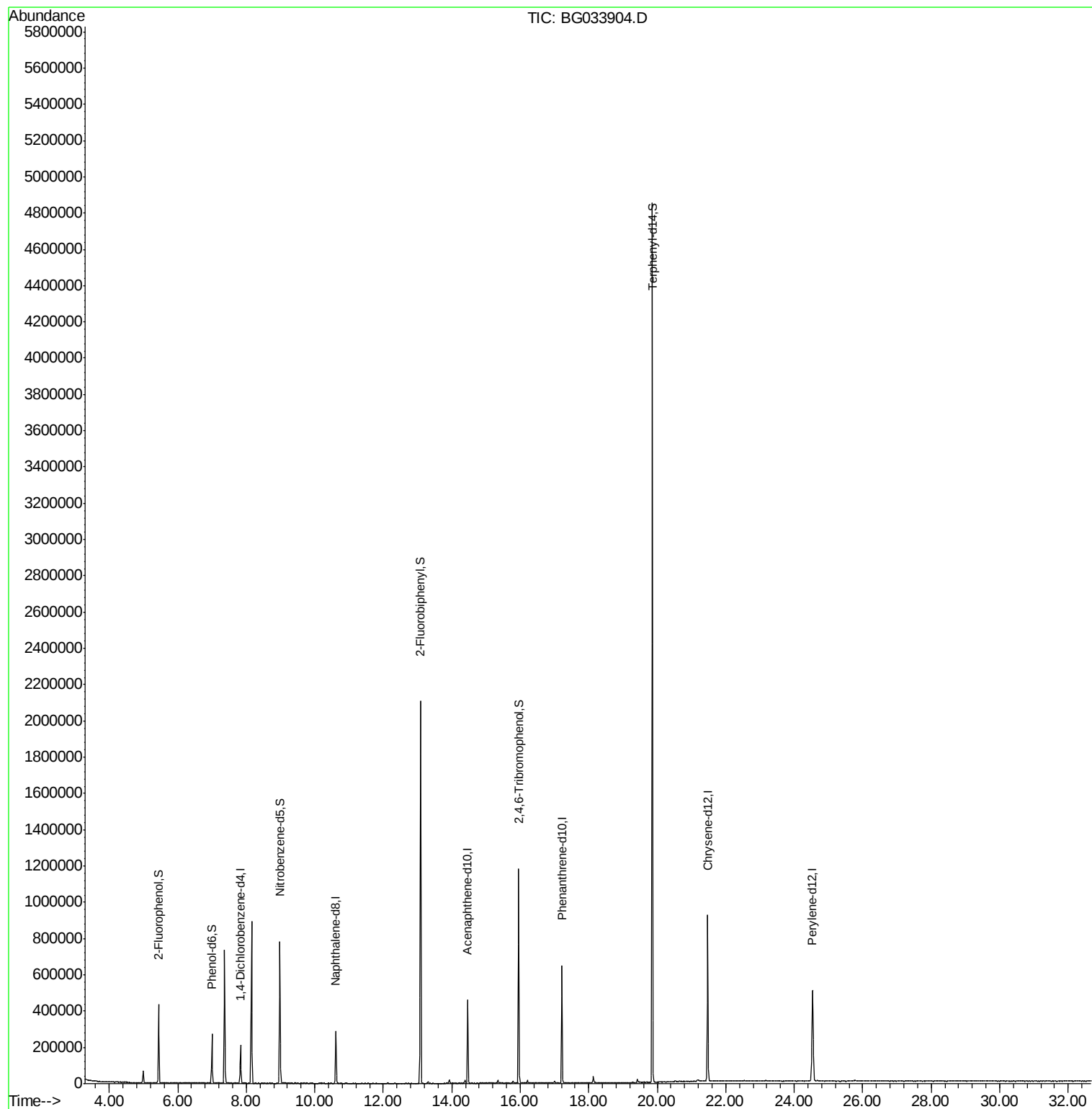
Target Compounds Qvalue

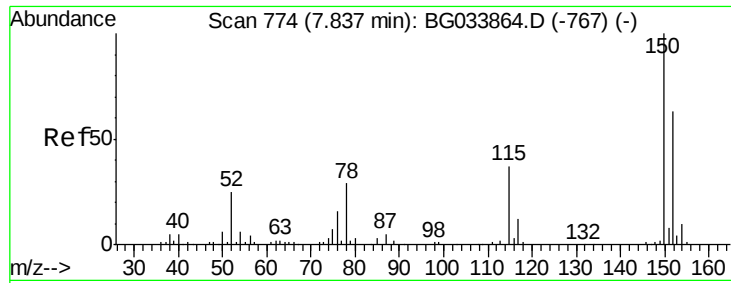
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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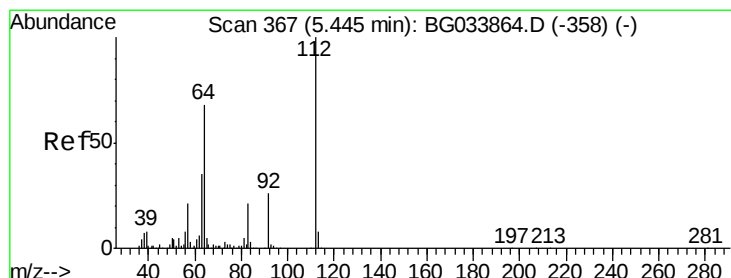
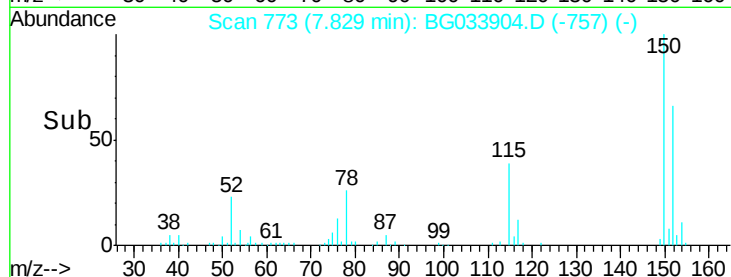
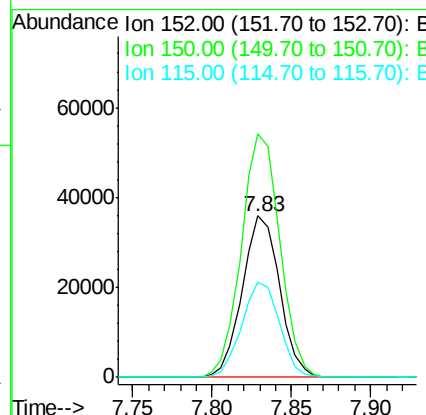
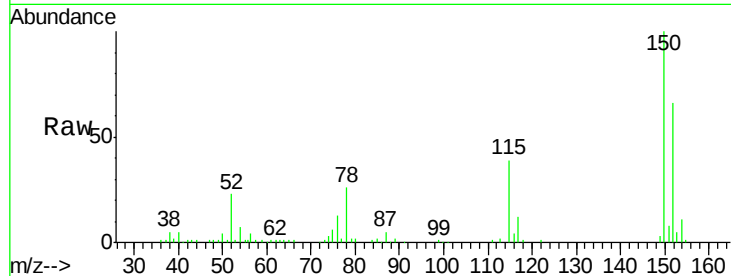


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

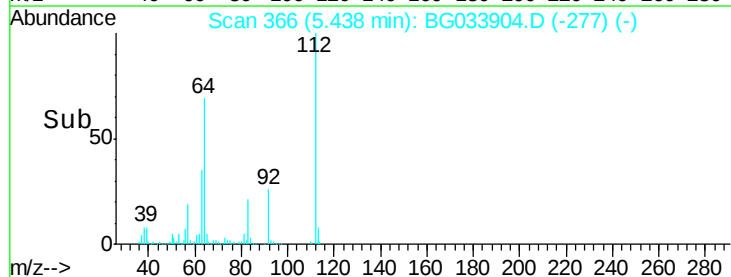
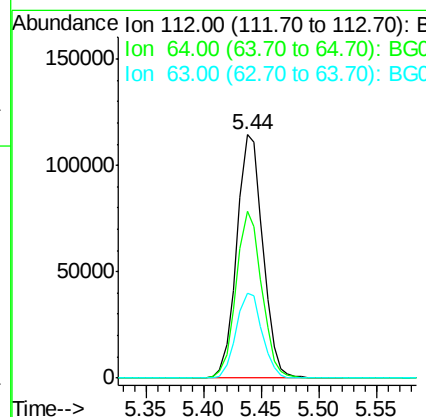
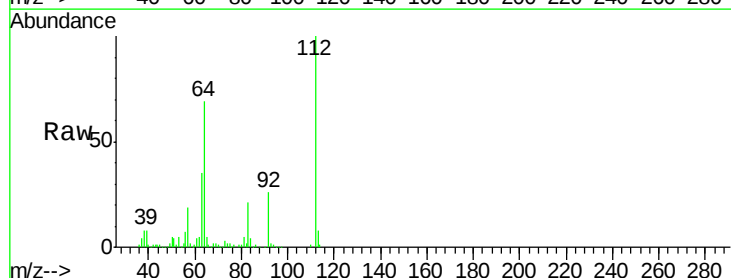
Tot Ion:152 Resp: 58599
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 59.0 53.0 79.4

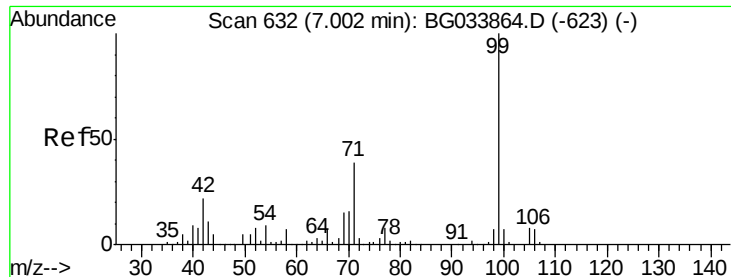


#5

2-Fluorophenol
Concen: 48.807 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:112 Resp: 179141
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 35.0 30.1 45.1





#7

Phenol-d6

Concen: 28.117 ng

RT: 6.99 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-D-S

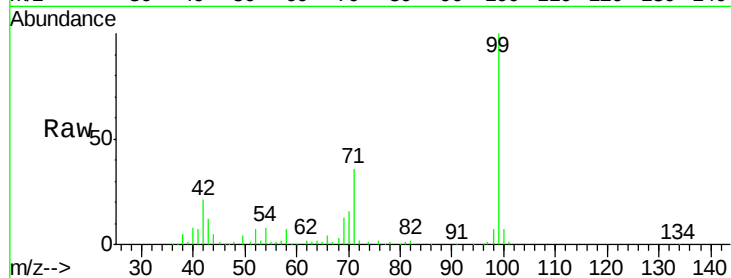
Tot Ion: 99 Resp: 150524

Ion Ratio Lower Upper

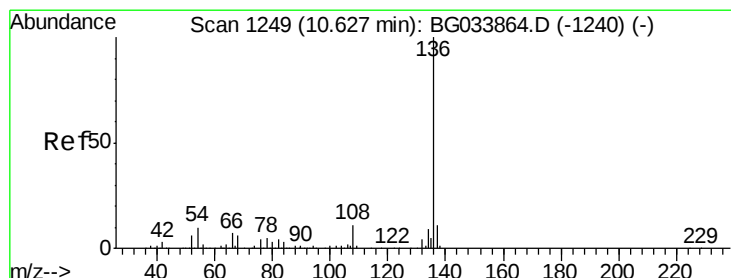
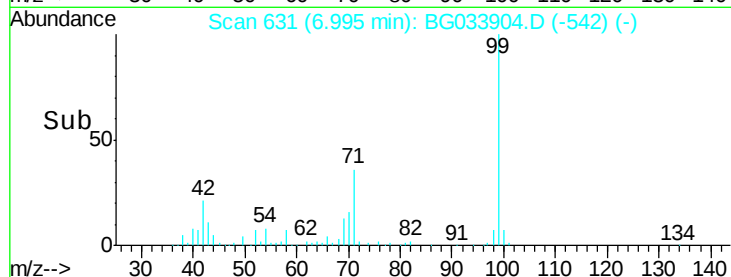
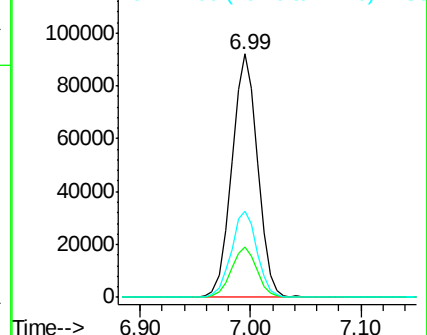
99 100

42 20.9 14.1 21.1

71 35.6 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# 1247

Delta R.T. -0.01 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

Tgt Ion: 136 Resp: 243692

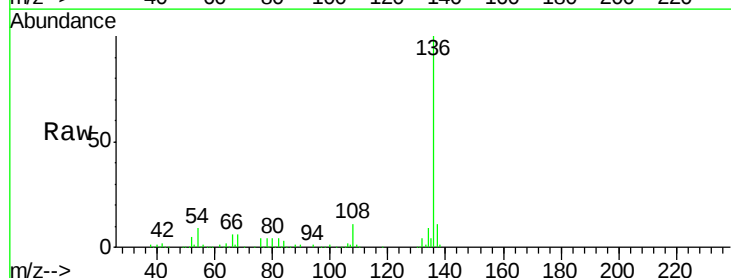
Ion Ratio Lower Upper

136 100

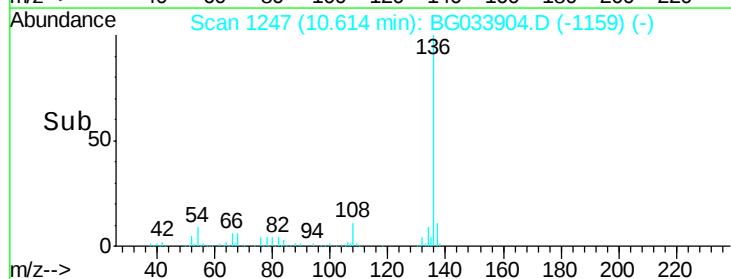
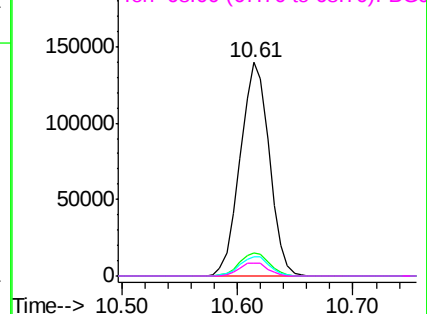
137 11.0 9.2 13.8

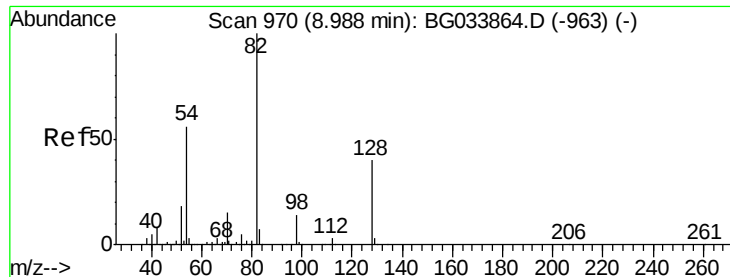
54 9.0 10.3 15.5#

68 6.0 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

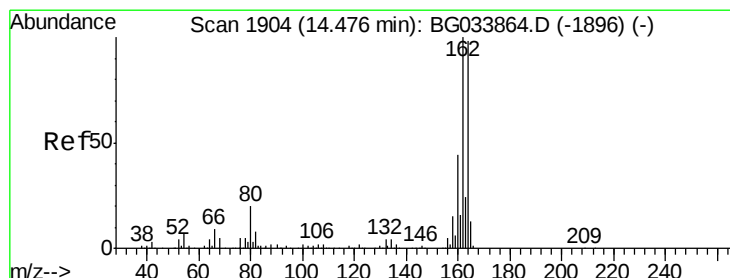
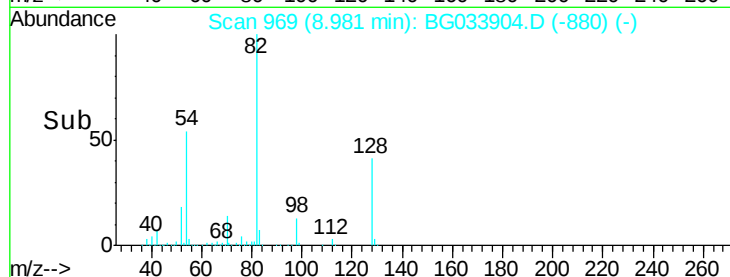
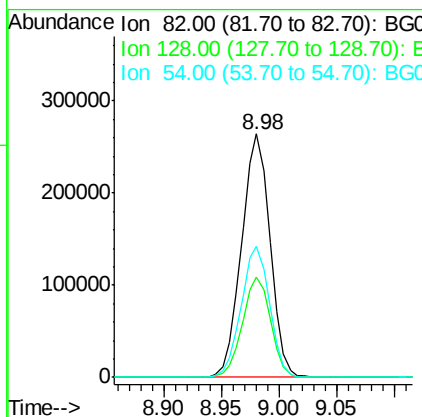
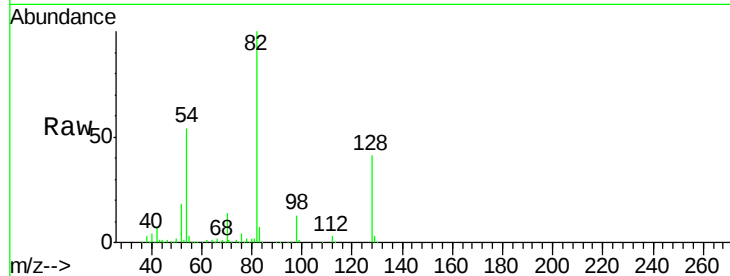




#23
 Nitrobenzene-d5
 Concen: 105.633 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

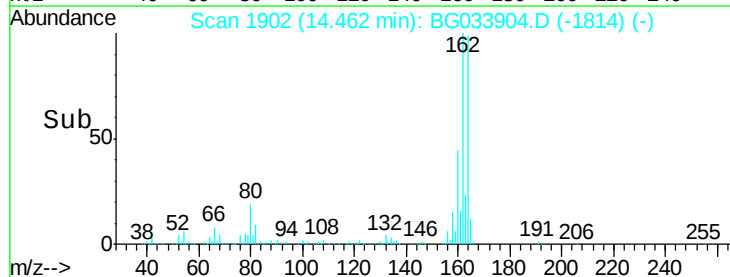
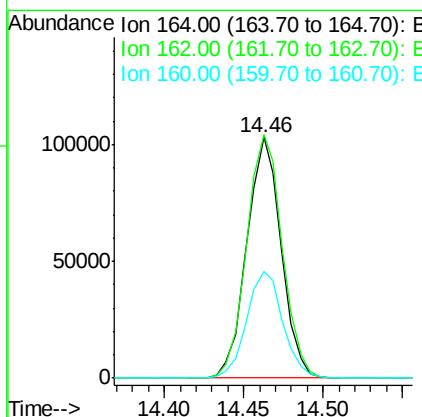
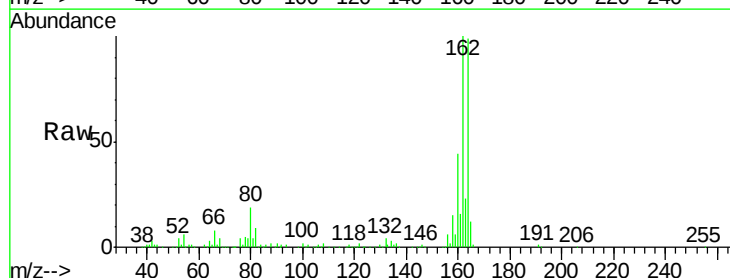
Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-S

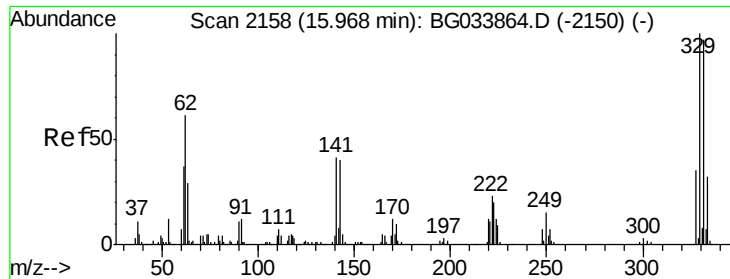
Tot Ion	82	Resp	452330
Ion Ratio	Lower	Upper	
82	100		
128	41.3	29.7	44.5
54	53.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Tgt Ion	164	Resp	154353
Ion Ratio	Lower	Upper	
164	100		
162	101.2	78.8	118.2
160	44.5	35.4	53.0

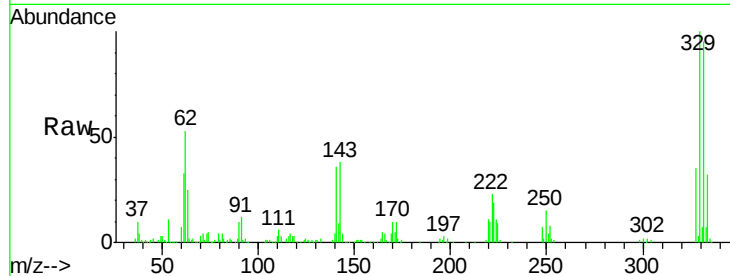




#41
 2,4,6-Tribromophenol
 Concen: 115.268 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.5	25.2	37.8#

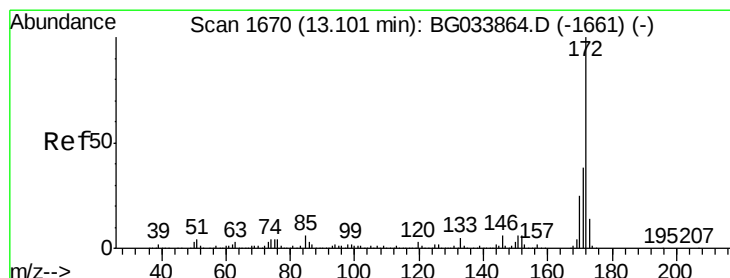
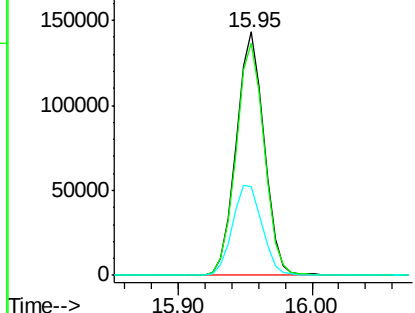
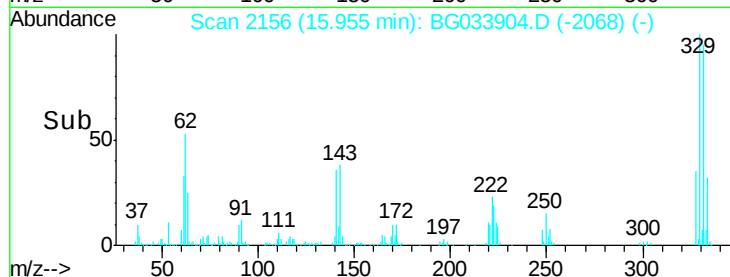


Abundance

Ion 329.80 (329.50 to 330.50): E

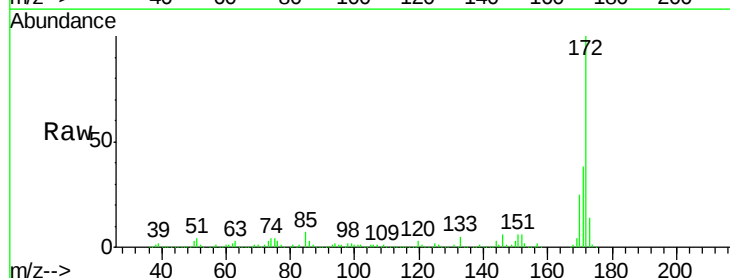
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.287 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.2	19.5	29.3

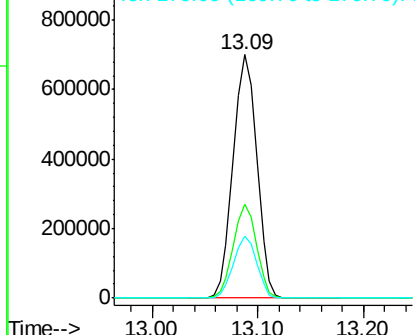
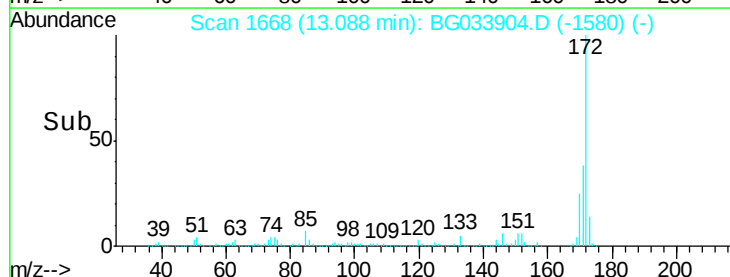


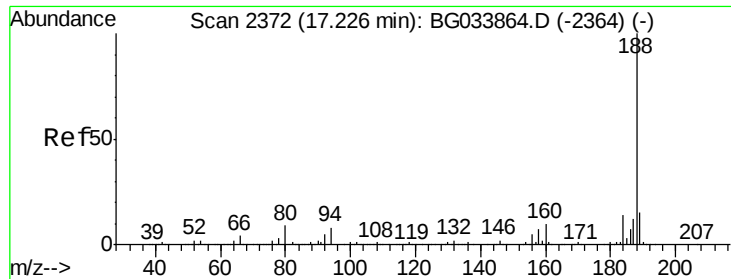
Abundance

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

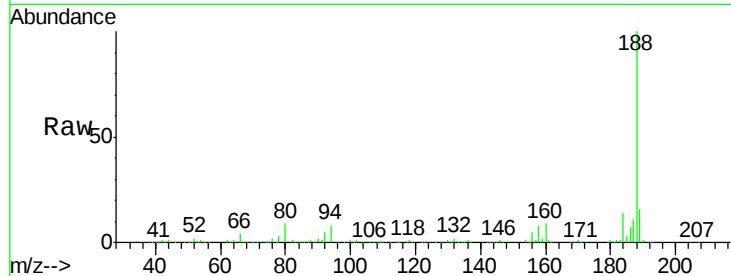




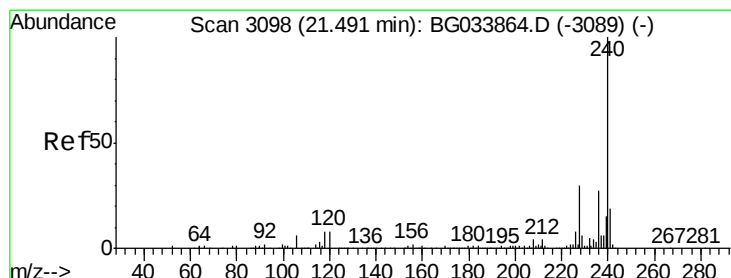
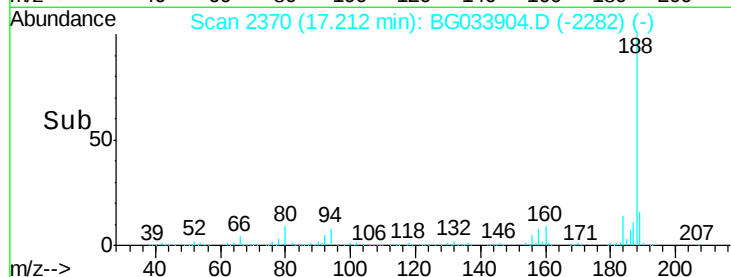
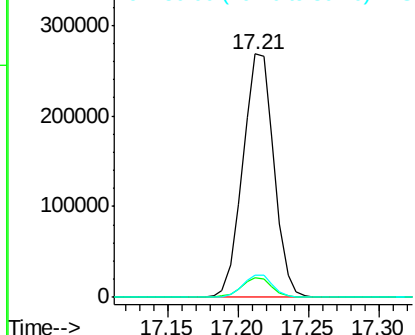
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tot Ion:188 Resp: 413454
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.2 7.7 11.5

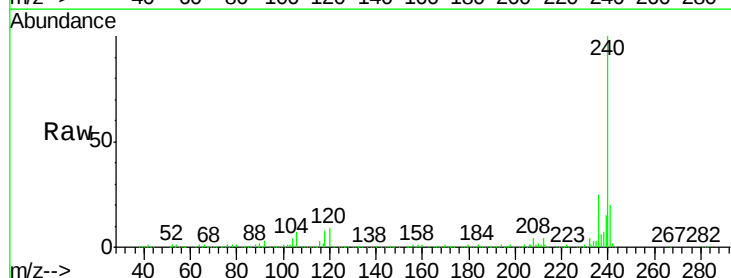


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

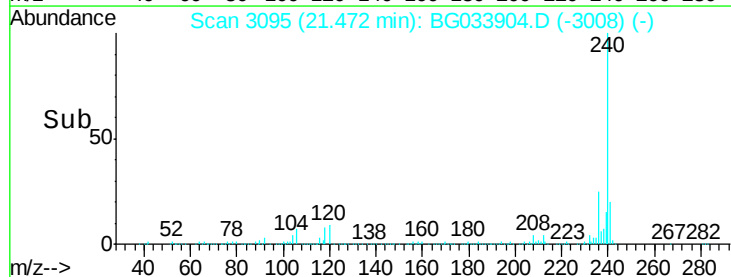
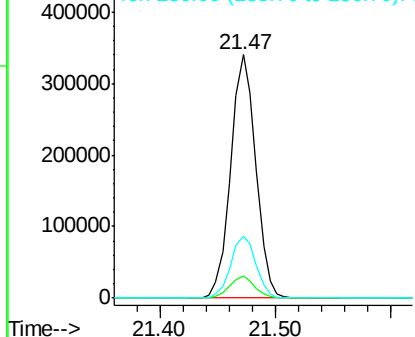


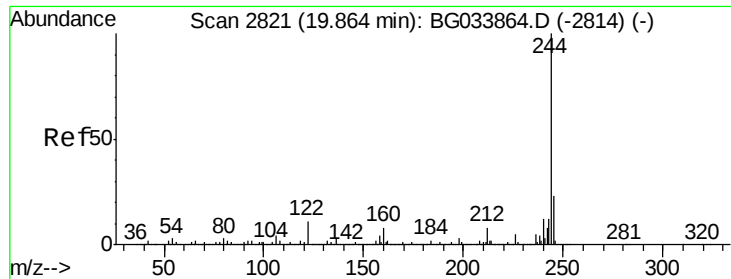
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion:240 Resp: 511412
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 25.2 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: 94.816 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-D-S

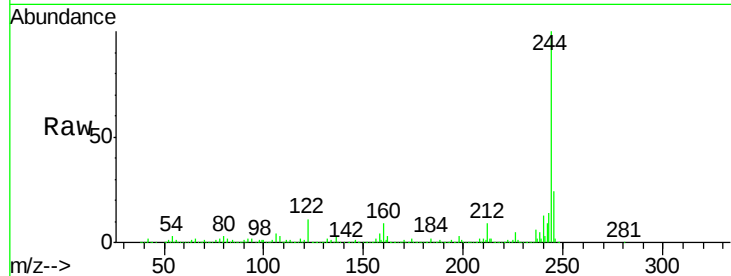
Tot Ion:244 Resp: 2158365

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

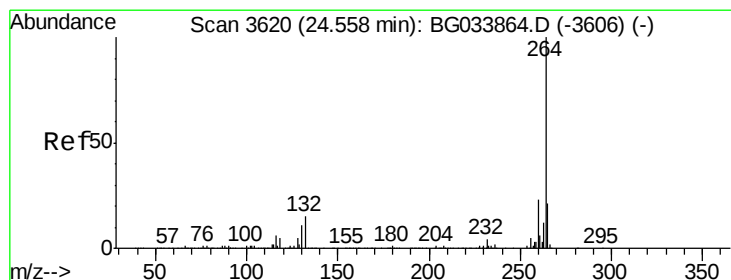
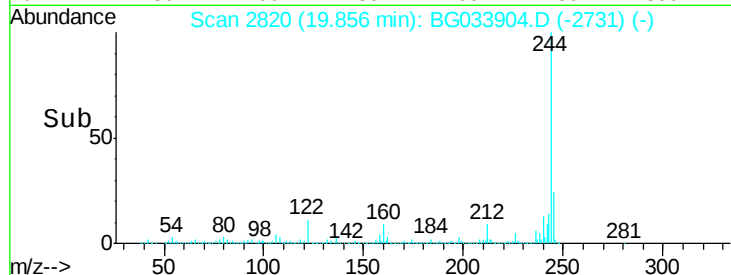
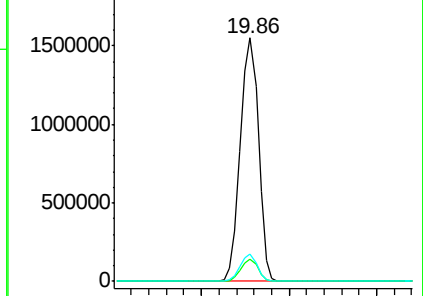
122 11.4 7.0 10.4#



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: 24.54 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

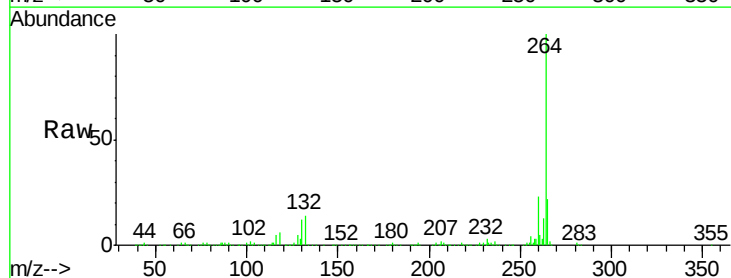
Tgt Ion:264 Resp: 507590

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.7 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

