

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028750.D
 Acq On : 15 Sep 2017 2:40
 Operator : SJ/JU
 Sample : I5224-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091117-SIDI-E-D-B

Quant Time: Sep 15 09:13:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

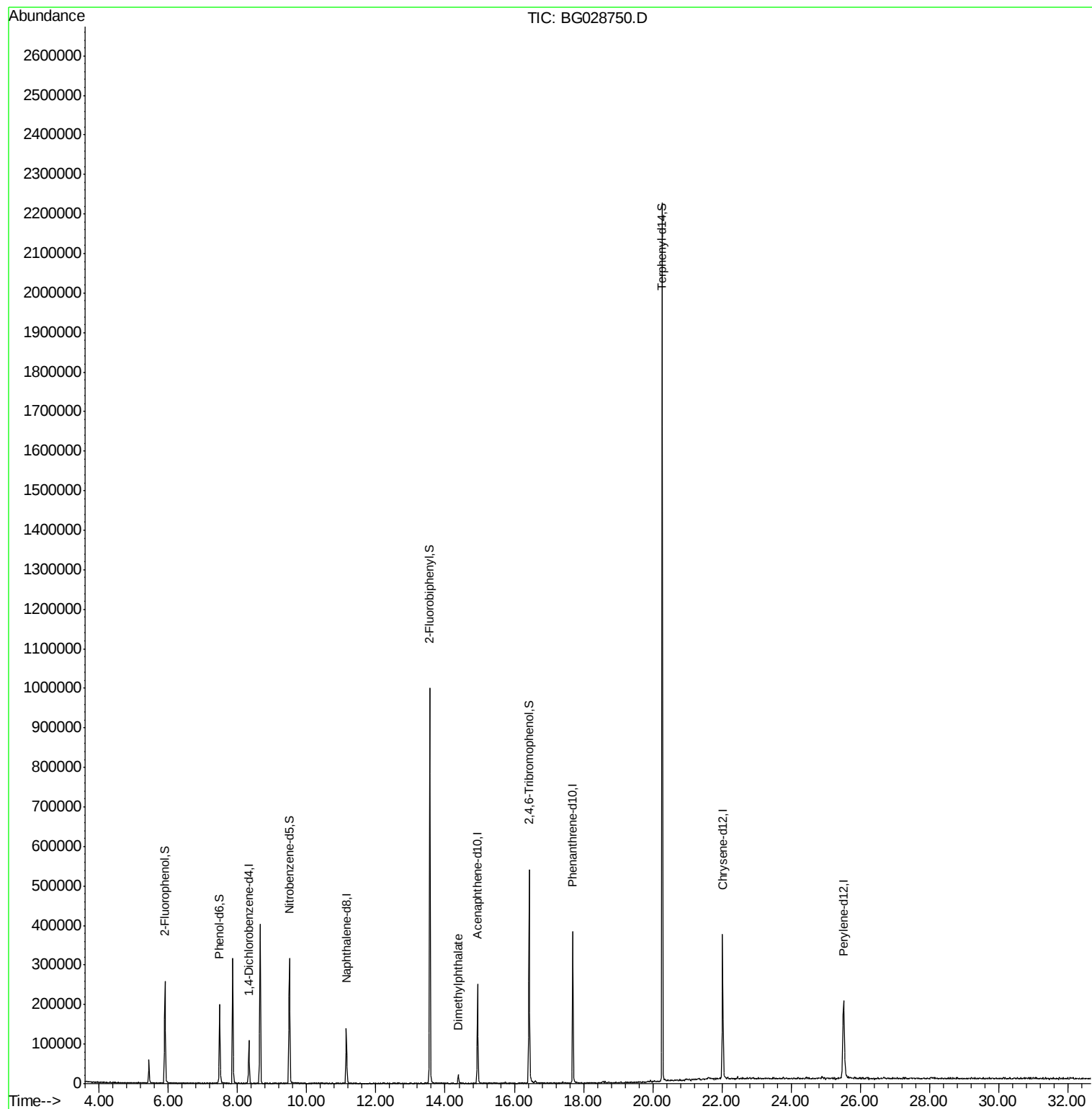
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	31037	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	127685	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	95378	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	252960	20.00	ng	0.00
75) Chrysene-d12	22.02	240	272481	20.00	ng	-0.01
86) Perylene-d12	25.52	264	275916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	112620	59.87	ng	0.00
7) Phenol-d6	7.48	99	127022	44.85	ng	-0.01
23) Nitrobenzene-d5	9.50	82	210573	78.89	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	126009	79.88	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	571420	79.89	ng	0.00
78) Terphenyl-d14	20.28	244	1014627	79.41	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.38	163	18751	2.344	ng	# 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-B

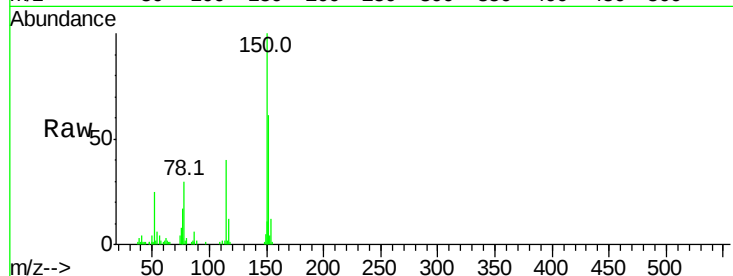
Tot Ion:152 Resp: 31037

Ion Ratio Lower Upper

152 100

150 164.4 114.0 171.0

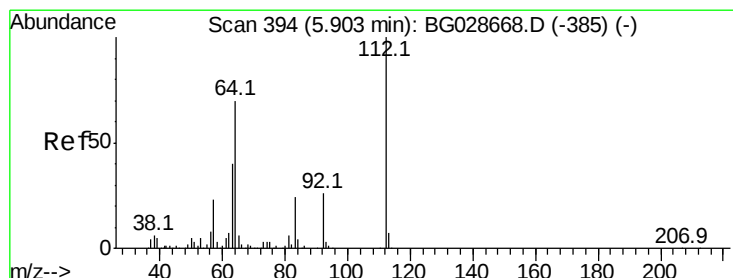
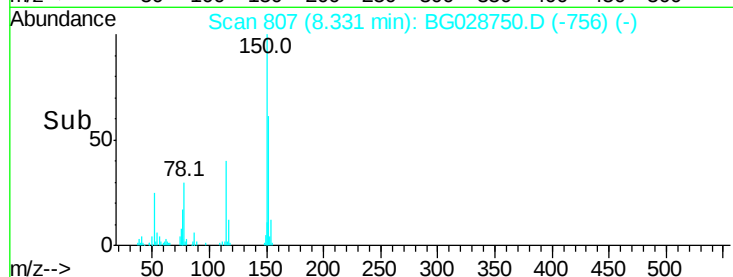
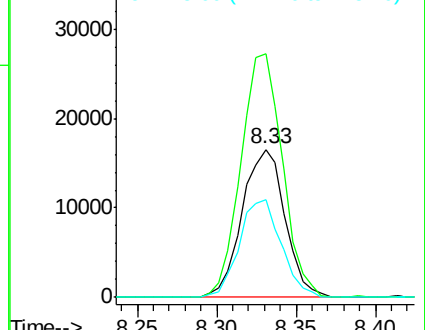
115 66.3 48.1 72.1



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: 59.873 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

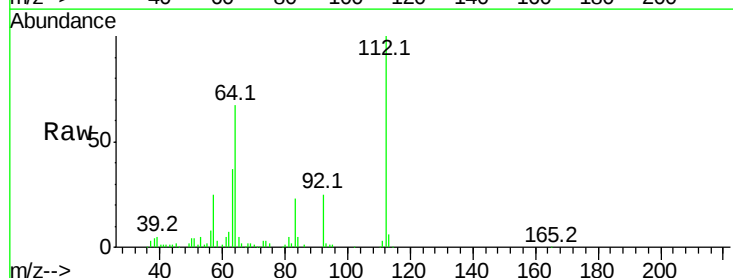
Tgt Ion:112 Resp: 112620

Ion Ratio Lower Upper

112 100

64 66.7 61.8 92.6

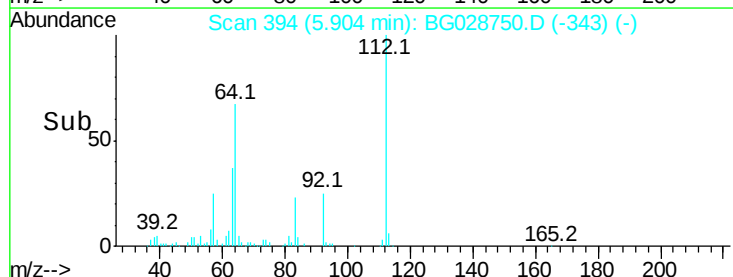
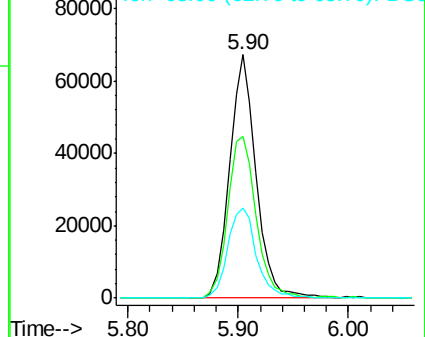
63 37.1 37.2 55.8#

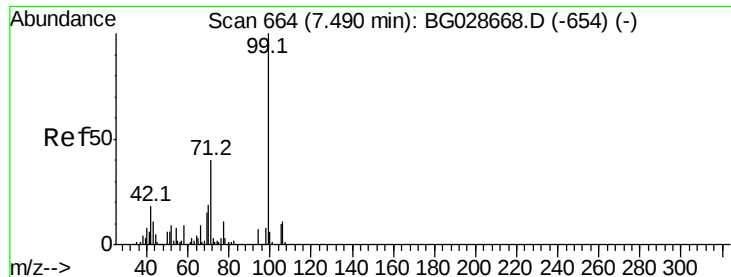


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.852 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-B

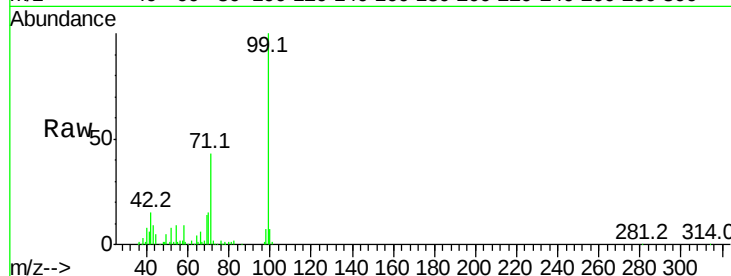
Tot Ion: 99 Resp: 127022

Ion Ratio Lower Upper

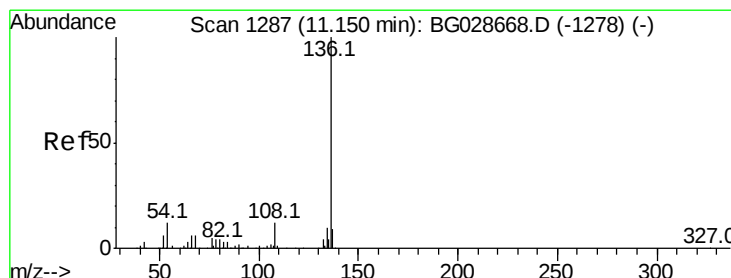
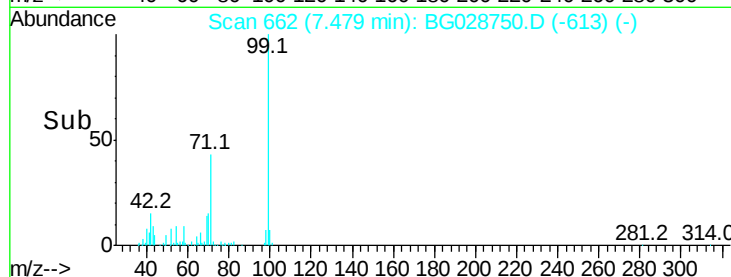
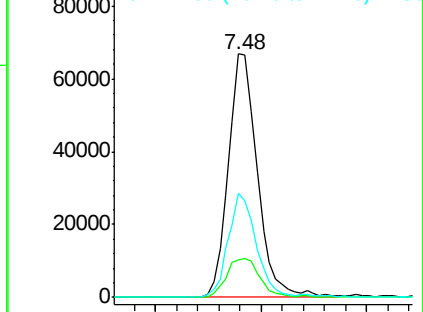
99 100

42 15.4 20.5 30.7#

71 42.7 37.6 56.4



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: 11.15 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

Tgt Ion: 136 Resp: 127685

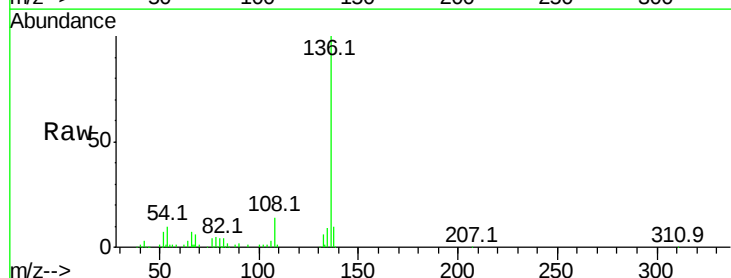
Ion Ratio Lower Upper

136 100

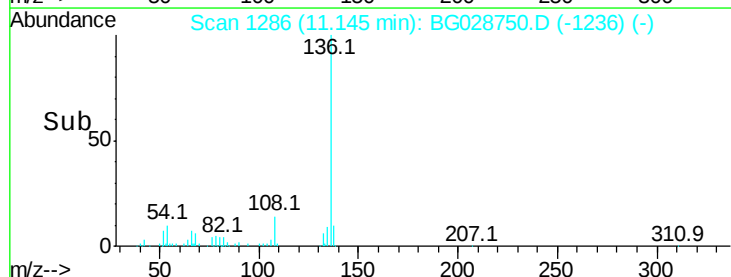
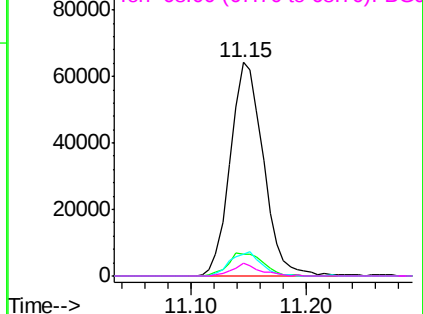
137 10.3 8.9 13.3

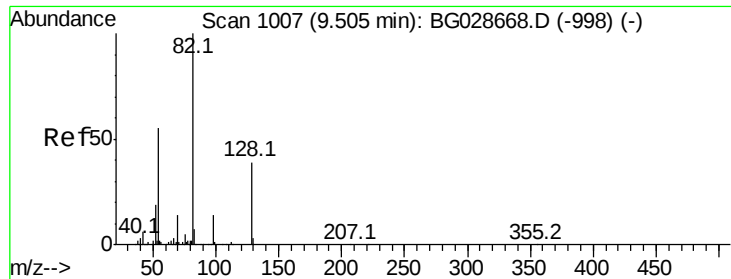
54 10.1 9.3 13.9

68 6.2 5.1 7.7



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

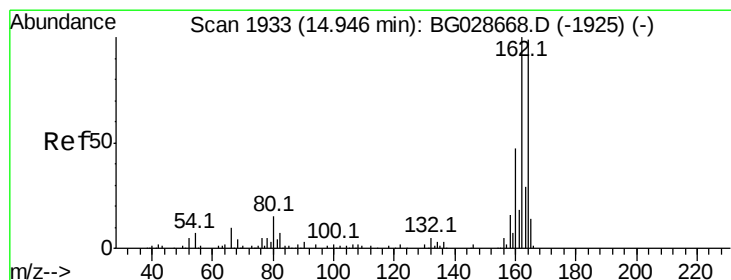
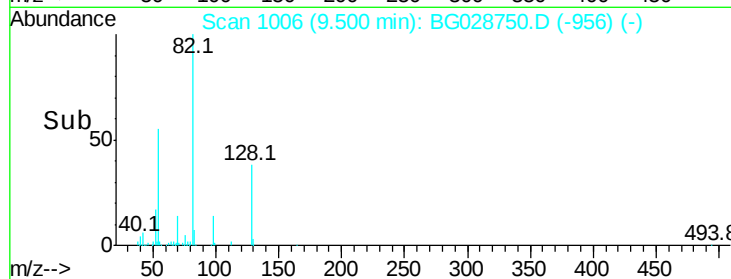
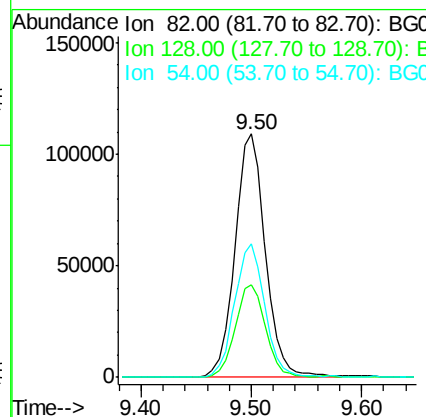
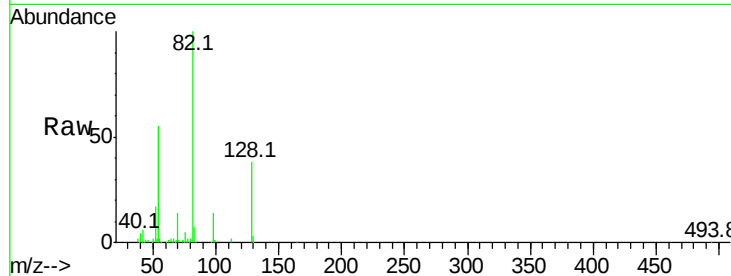




#23
Nitrobenzene-d5
Concen: 78.892 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028750.D
Acq: 15 Sep 2017 2:40

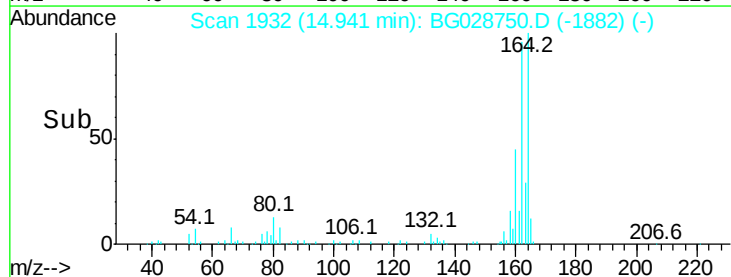
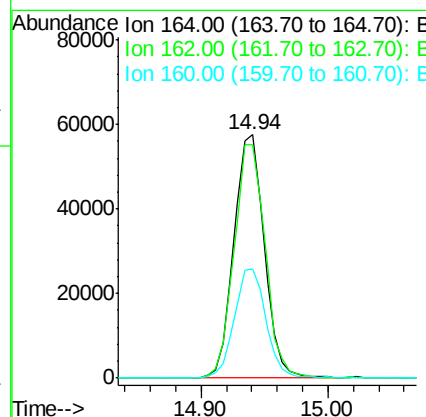
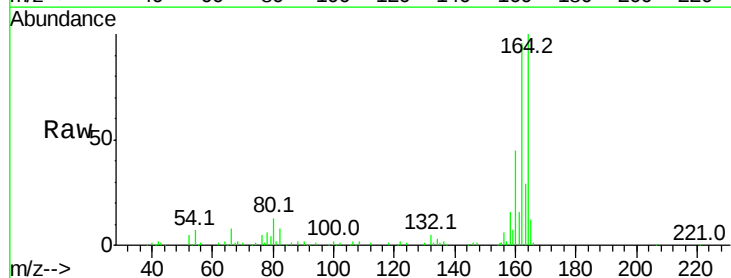
Instrument :
BNA_G
ClientSampleId :
091117-SIDI-E-D-B

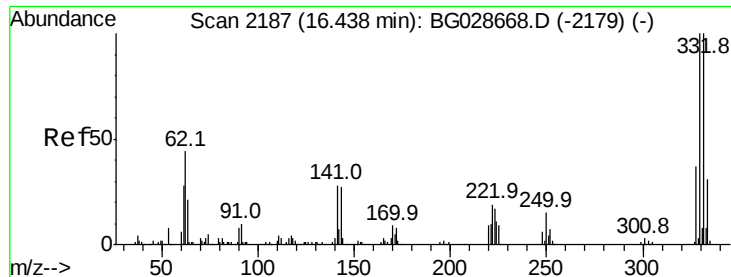
Tot Ion	82	Resp	210573
Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.4	39.6
54	54.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028750.D
Acq: 15 Sep 2017 2:40

Tgt Ion	164	Resp	95378
Ion	Ratio	Lower	Upper
164	100		
162	96.1	85.1	127.7
160	44.9	34.7	52.1

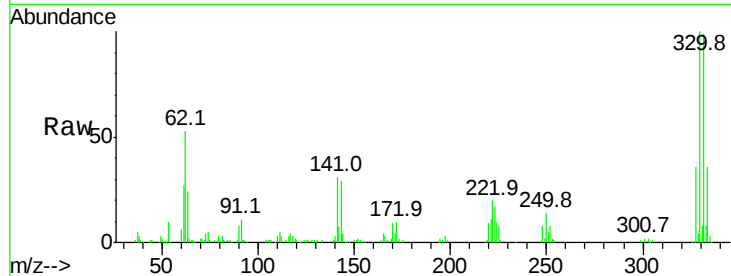




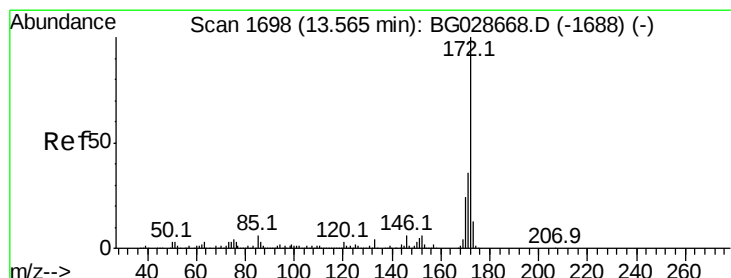
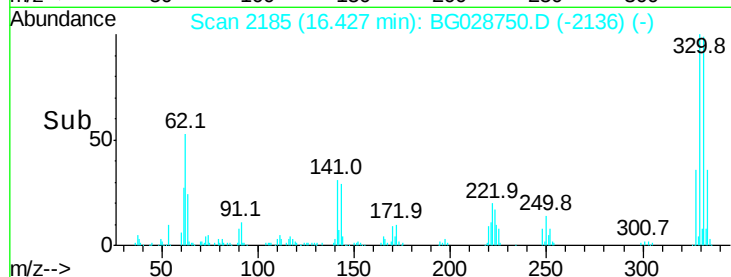
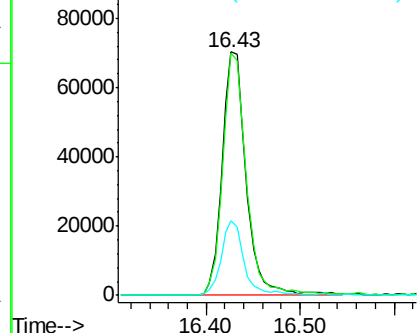
#41
 2,4,6-Tribromophenol
 Concen: 79.879 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028750.D
 Acq: 15 Sep 2017 2:40

Instrument :
 BNA_G
 ClientSampleId :
 091117-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	28.6	32.1	48.1#

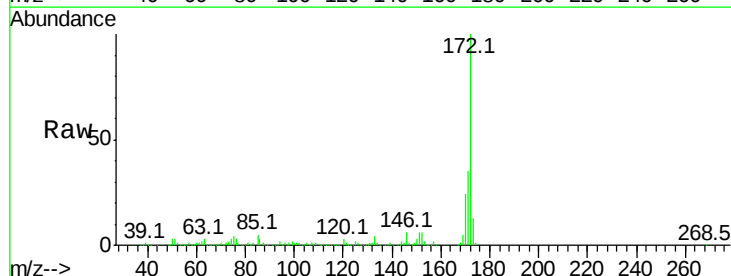


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

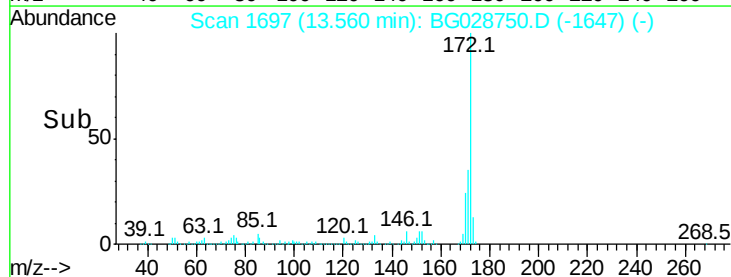
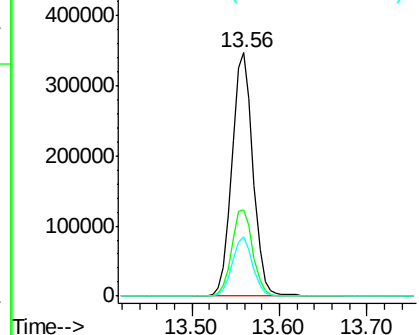


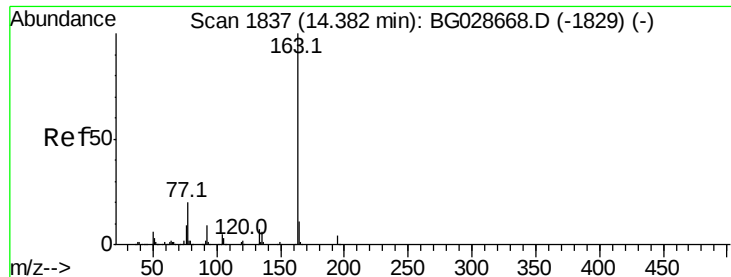
#44
 2-Fluorobiphenyl
 Concen: 79.887 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028750.D
 Acq: 15 Sep 2017 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	32.2	48.2
170	24.3	21.8	32.6



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: 2.344 ng

RT: 14.38 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-B

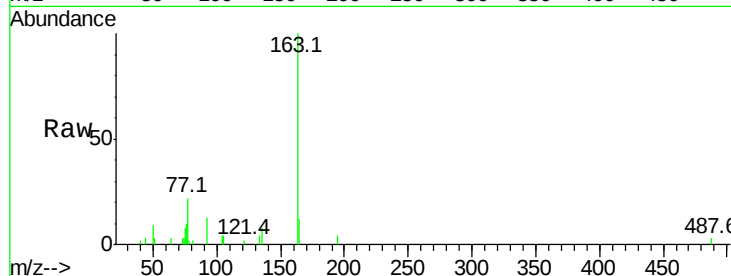
Tot Ion:163 Resp: 18751

Ion Ratio Lower Upper

163 100

194 3.6 3.8 5.6#

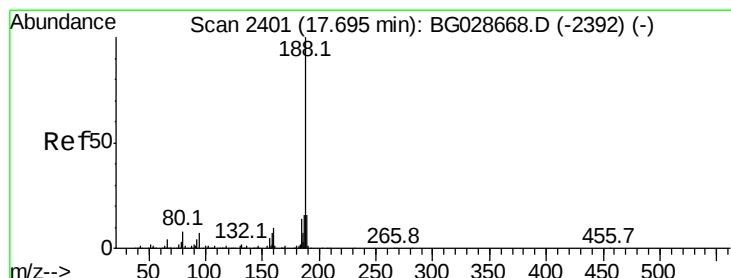
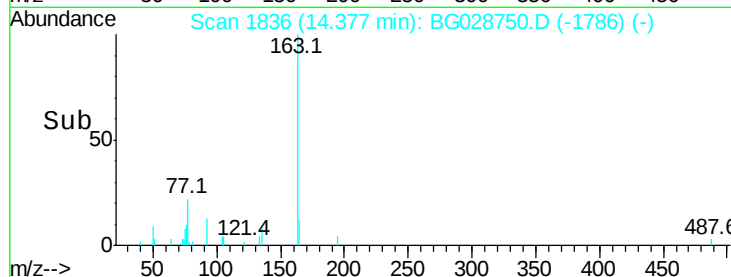
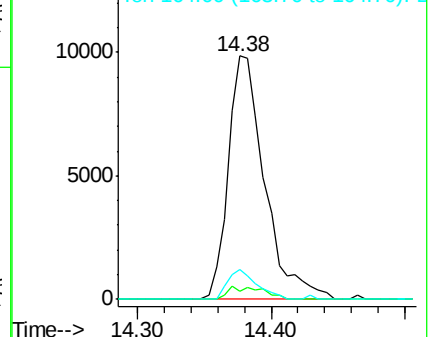
164 12.3 9.3 13.9



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: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

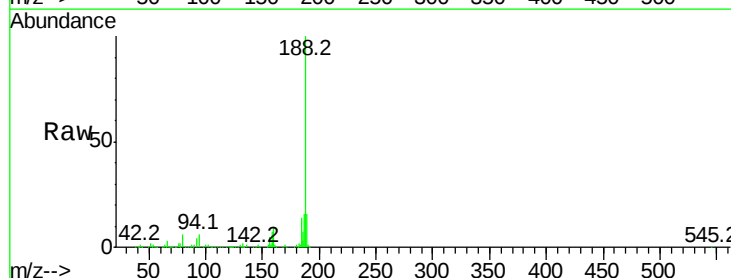
Tgt Ion:188 Resp: 252960

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

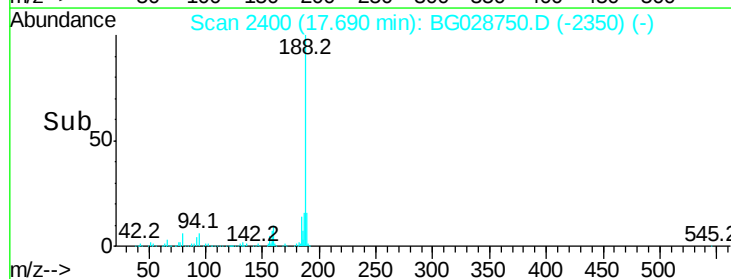
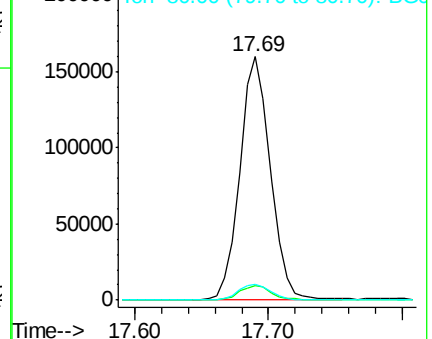
80 6.4 7.5 11.3#



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: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

Instrument :

BNA_G

ClientSampleId :

091117-SIDI-E-D-B

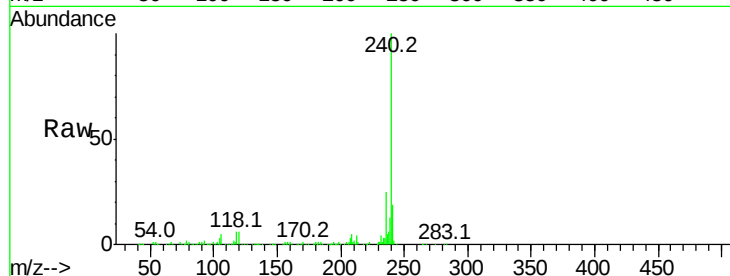
Tot Ion:240 Resp: 272481

Ion Ratio Lower Upper

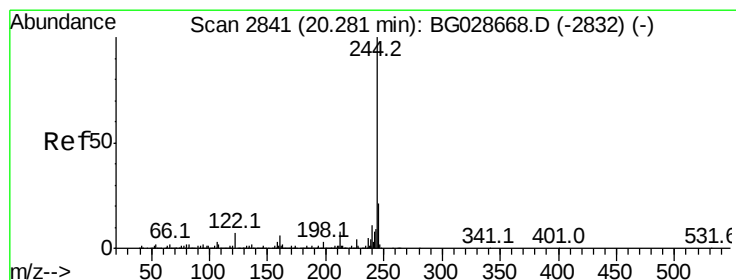
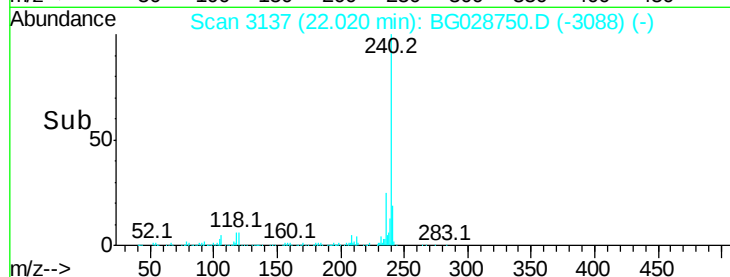
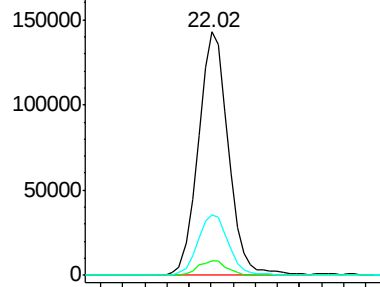
240 100

120 6.1 5.7 8.5

236 24.8 22.2 33.4



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: 79.410 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028750.D

Acq: 15 Sep 2017 2:40

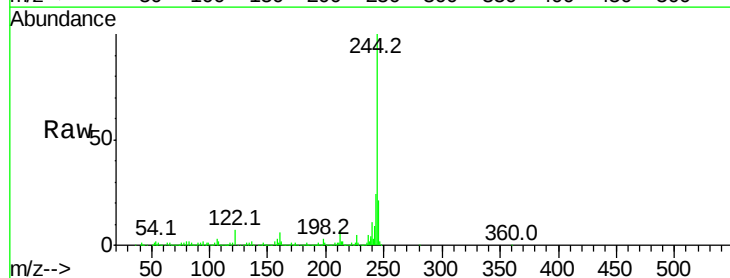
Tgt Ion:244 Resp: 1014627

Ion Ratio Lower Upper

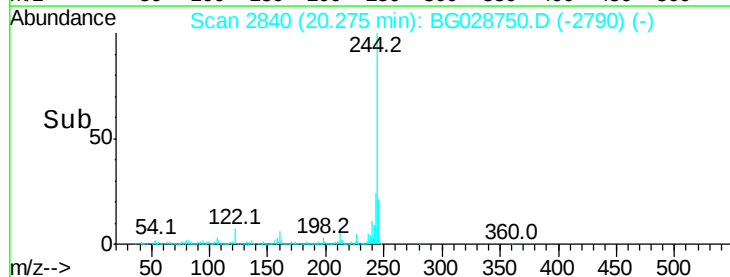
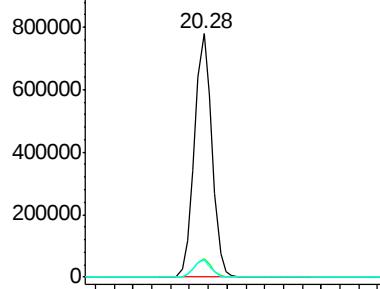
244 100

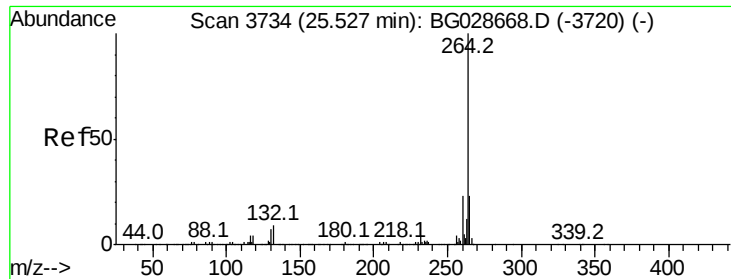
212 7.4 10.0 15.0#

122 6.9 8.6 12.8#



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: 25.52 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG028750.D
 Acq: 15 Sep 2017 2:40

Instrument :
 BNA_G
 ClientSampleId :
 091117-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.7	18.2	27.4

