

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028848.D
 Acq On : 21 Sep 2017 8:28
 Operator : SJ/JU
 Sample : I5293-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-B-L-SIDE-COMP

Quant Time: Sep 21 10:26:55 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	8.28	152	27464	20.00	ng	-0.05
21) Naphthalene-d8	11.11	136	112323	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	89613	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	263658	20.00	ng	-0.04
75) Chrysene-d12	21.99	240	306941	20.00	ng	-0.05
86) Perylene-d12	25.45	264	307701	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	203759	122.42	ng	-0.05
7) Phenol-d6	7.44	99	240643	96.03	ng	-0.05
23) Nitrobenzene-d5	9.46	82	203221	86.55	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	202398	136.56	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	559628	83.27	ng	-0.04
78) Terphenyl-d14	20.25	244	1222229	84.92	ng	-0.03

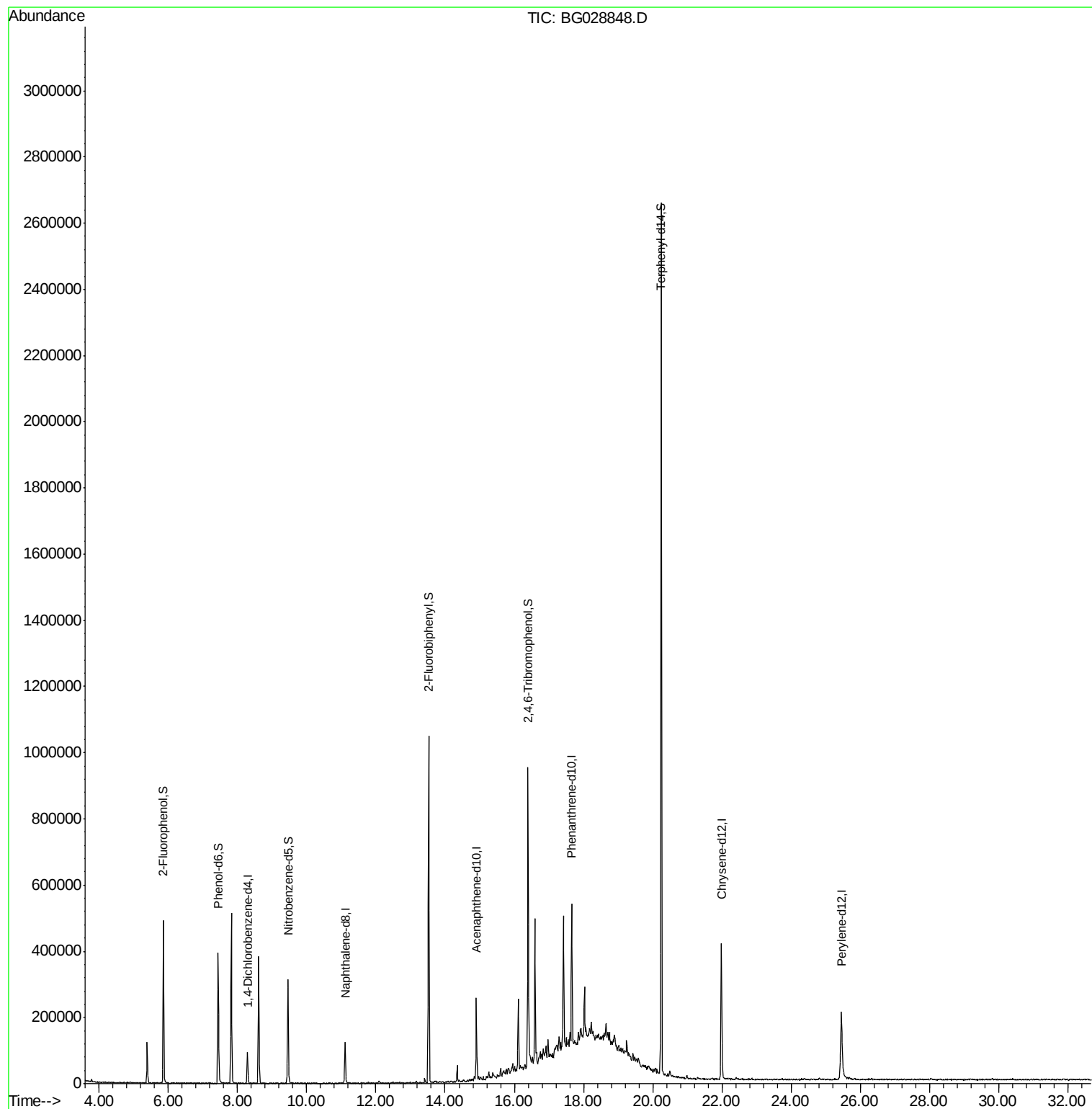
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028848.D

Acq: 21 Sep 2017 8:28

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BNA_G

ClientSampleId :

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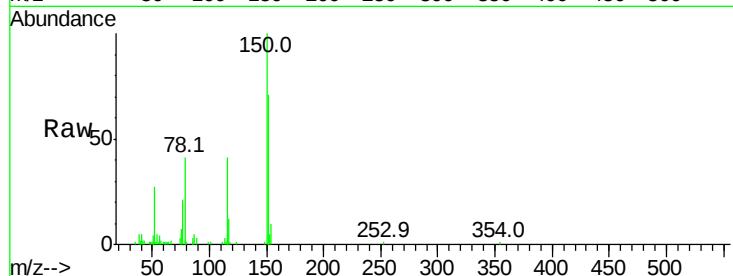
Tot Ion:152 Resp: 27464

Ion Ratio Lower Upper

152 100

150 140.3 114.0 171.0

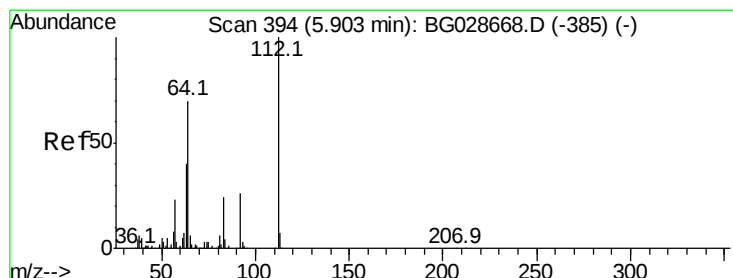
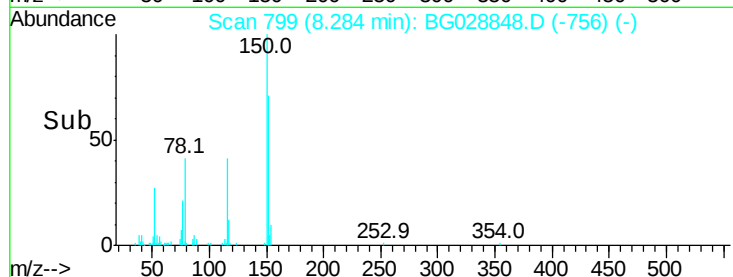
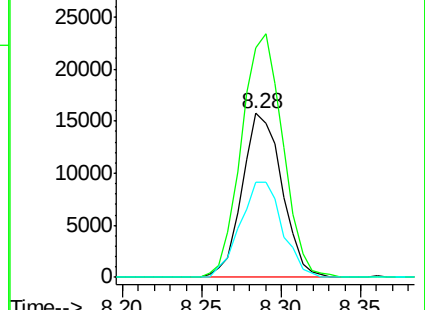
115 57.7 48.1 72.1



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: 122.419 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028848.D

Acq: 21 Sep 2017 8:28

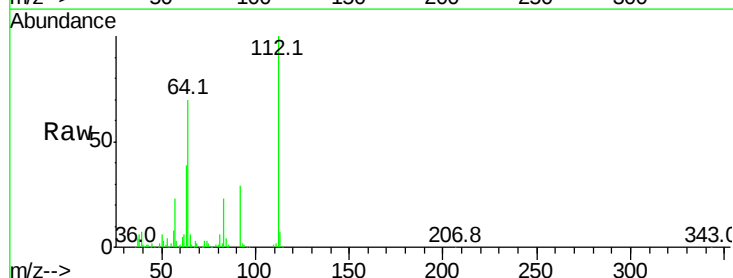
Tgt Ion:112 Resp: 203759

Ion Ratio Lower Upper

112 100

64 69.6 61.8 92.6

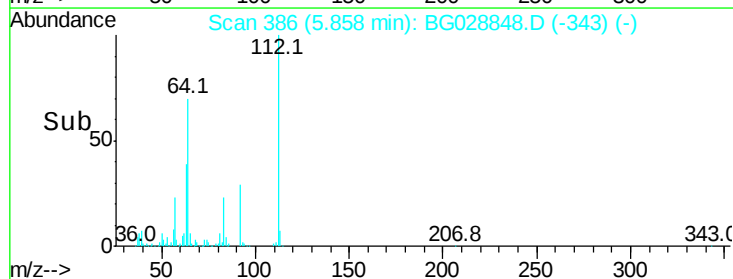
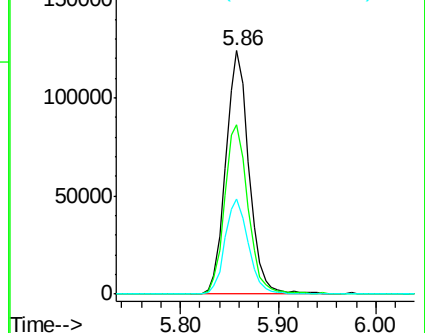
63 39.2 37.2 55.8



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: 96.026 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028848.D

Acq: 21 Sep 2017 8:28

Instrument :

BNA_G

ClientSampleId :

SP-B-L-SIDE-COMP

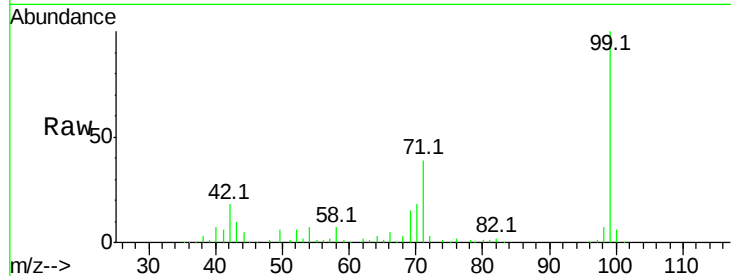
Tot Ion: 99 Resp: 240643

Ion Ratio Lower Upper

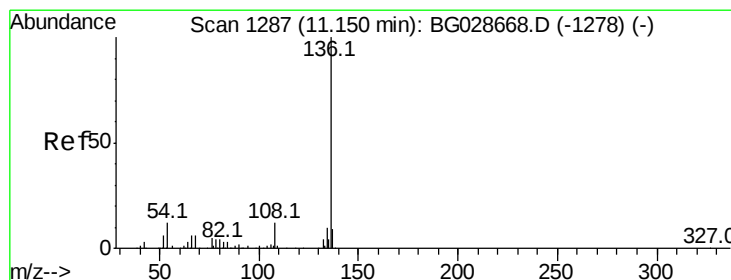
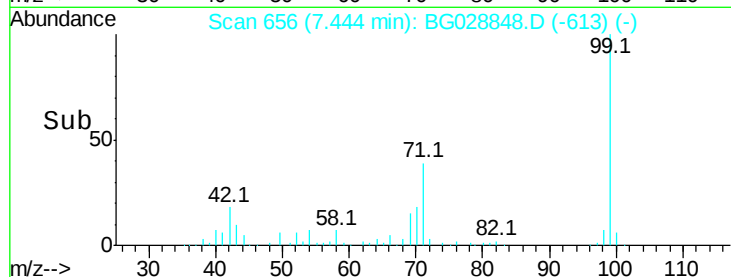
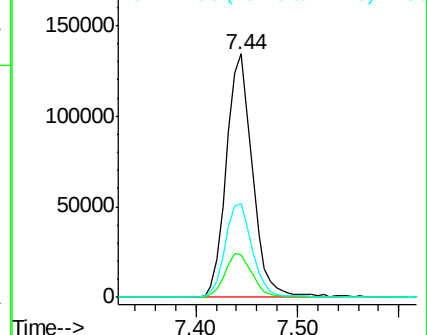
99 100

42 17.7 20.5 30.7#

71 38.6 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028848.D

Acq: 21 Sep 2017 8:28

Tgt Ion: 136 Resp: 112323

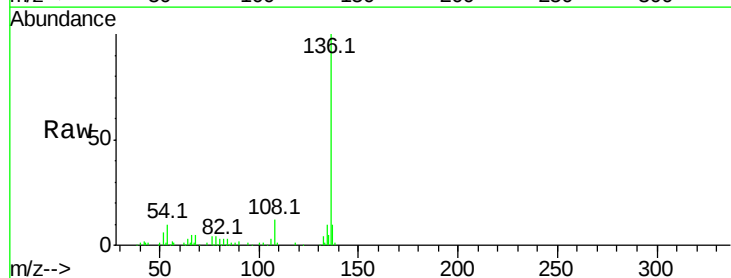
Ion Ratio Lower Upper

136 100

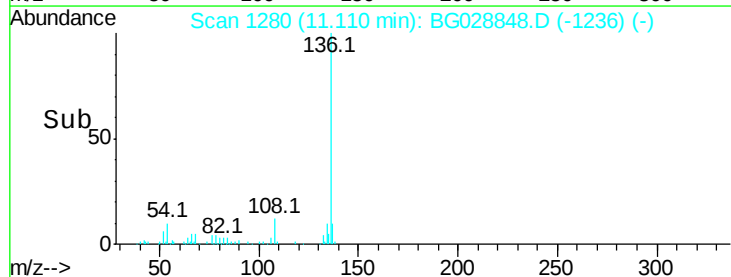
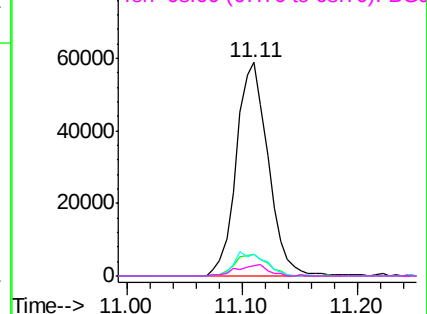
137 10.2 8.9 13.3

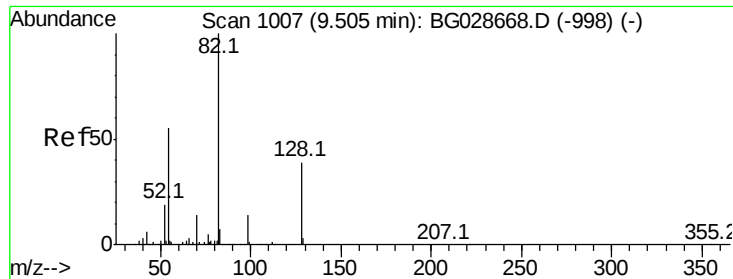
54 10.4 9.3 13.9

68 4.8 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

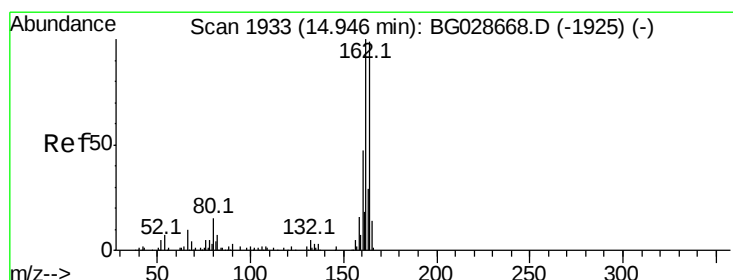
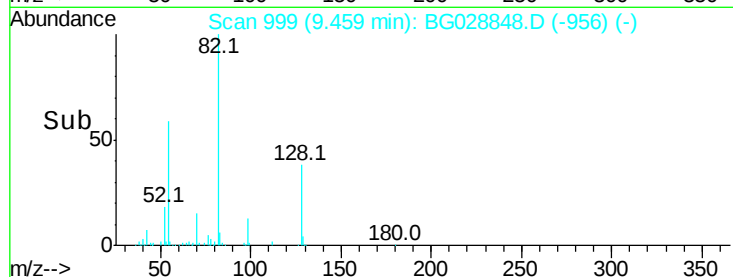
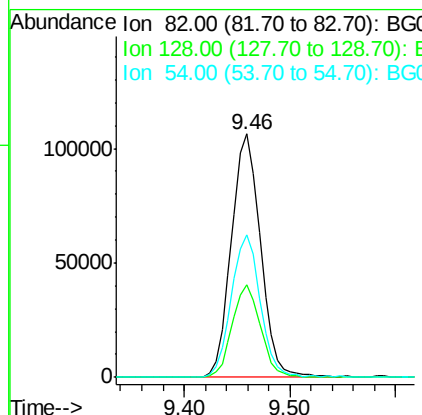
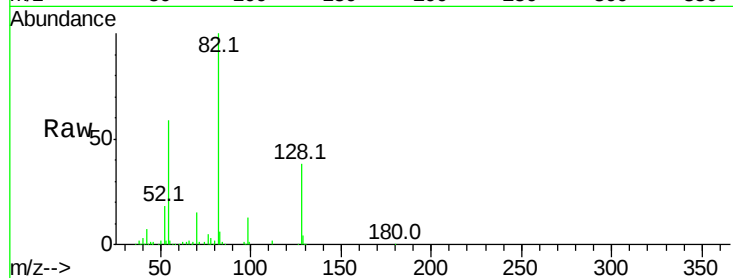




#23
Nitrobenzene-d5
Concen: 86.550 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028848.D
Acq: 21 Sep 2017 8:28

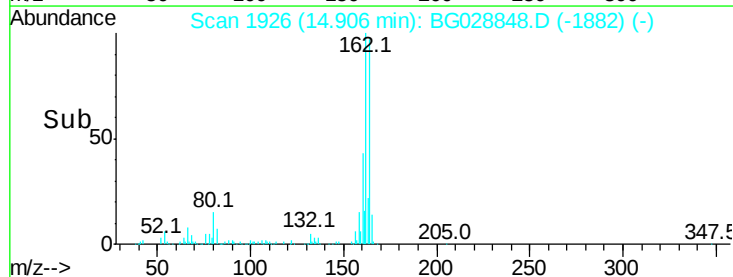
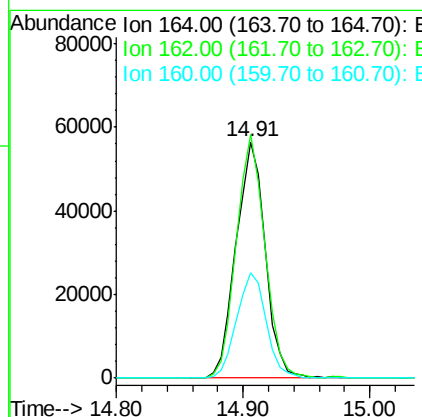
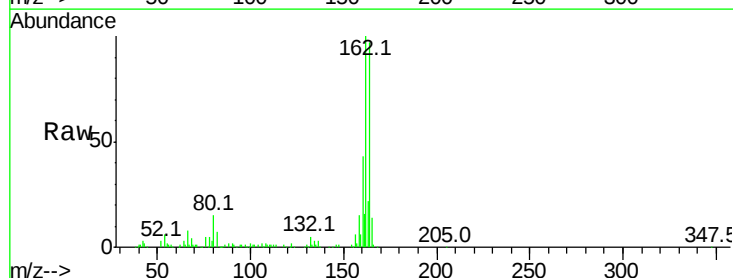
Instrument :
BNA_G
ClientSampleId :
SP-B-L-SIDE-COMP

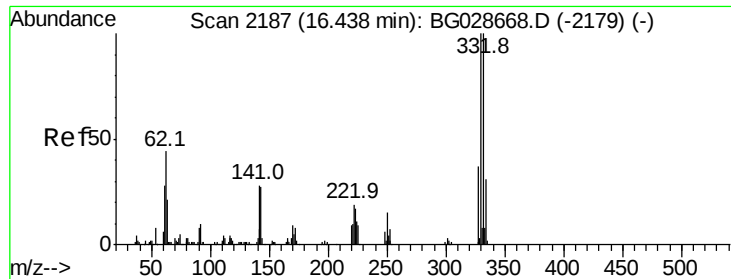
Tot Ion	82	Resp	203221
Ion	Ratio	Lower	Upper
82	100		
128	38.2	26.4	39.6
54	58.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028848.D
Acq: 21 Sep 2017 8:28

Tgt Ion	164	Resp	89613
Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	44.6	34.7	52.1

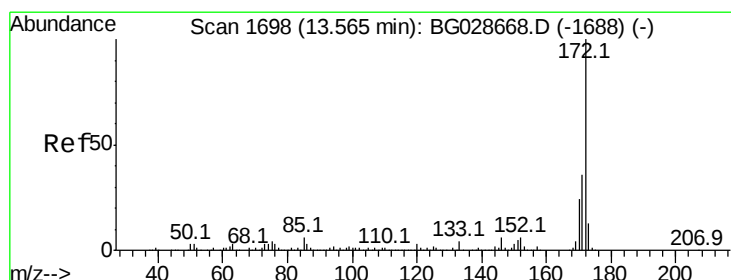
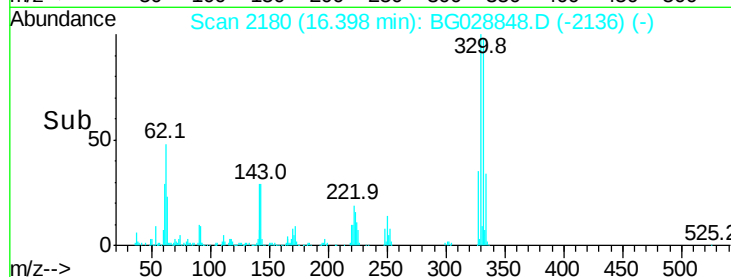
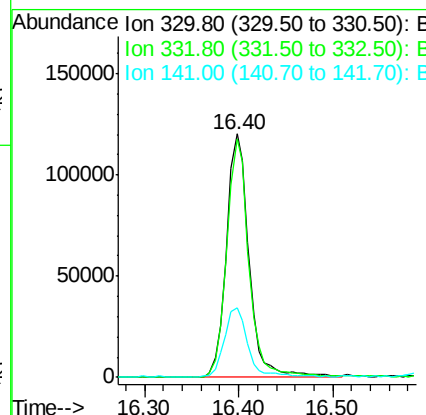
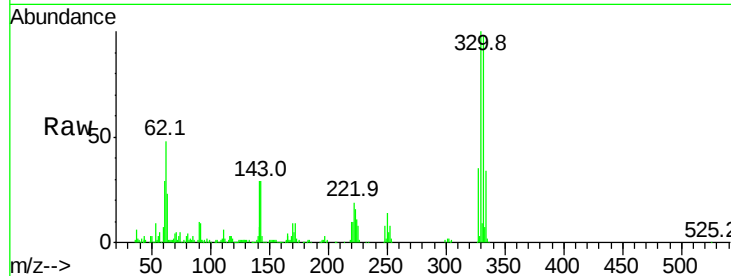




#41
 2,4,6-Tribromophenol
 Concen: 136.558 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028848.D
 Acq: 21 Sep 2017 8:28

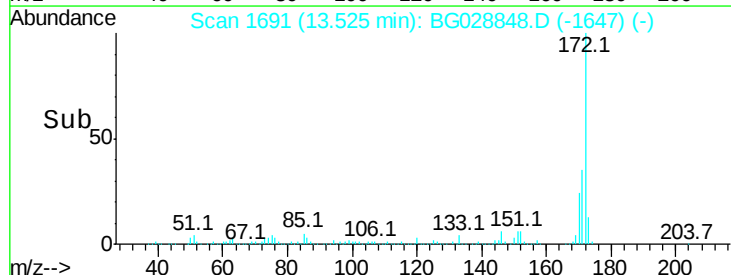
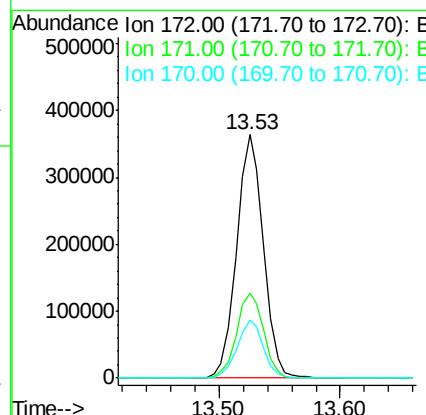
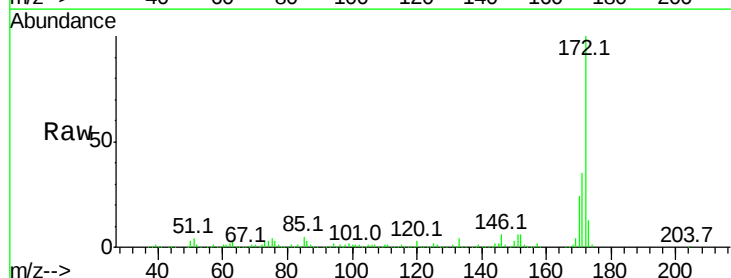
Instrument :
 BNA_G
 ClientSampleId :
 SP-B-L-SIDE-COMP

Tot Ion:330 Resp: 202398
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 30.2 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 83.271 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028848.D
 Acq: 21 Sep 2017 8:28

Tgt Ion:172 Resp: 559628
 Ion Ratio Lower Upper
 172 100
 171 35.0 32.2 48.2
 170 23.6 21.8 32.6

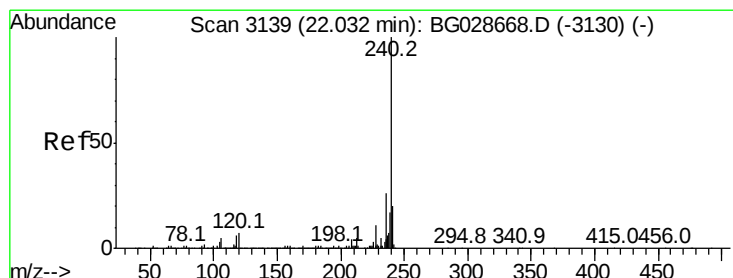
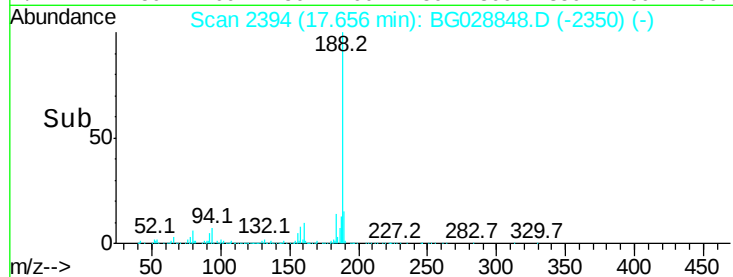
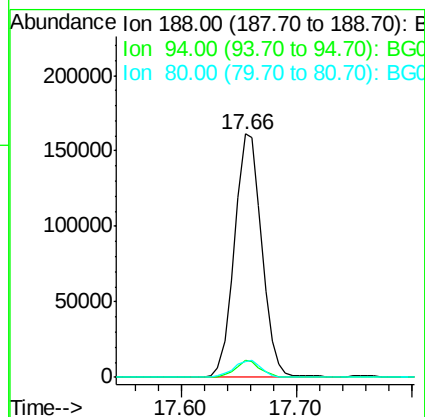
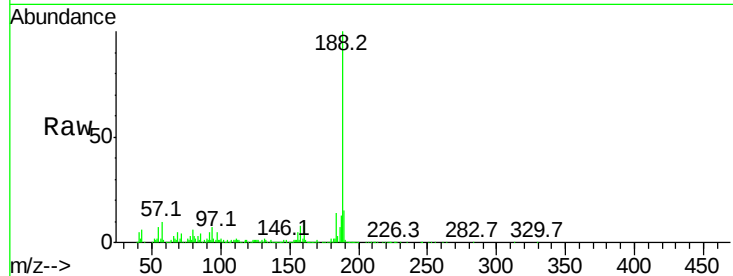




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028848.D
Acq: 21 Sep 2017 8:28

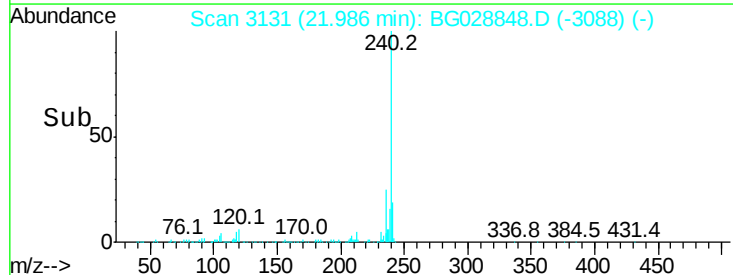
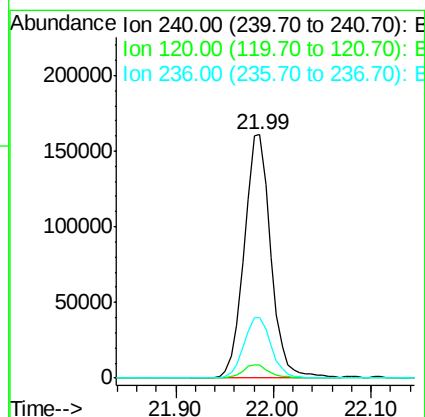
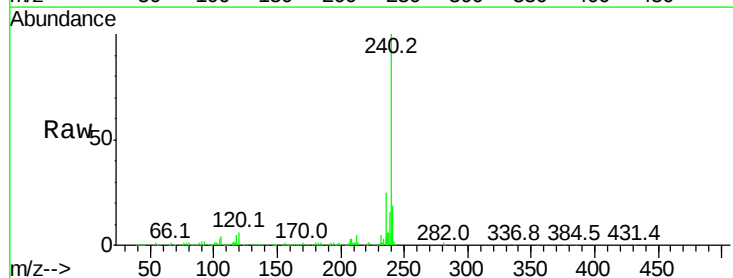
Instrument :
BNA_G
ClientSampleId :
SP-B-L-SIDE-COMP

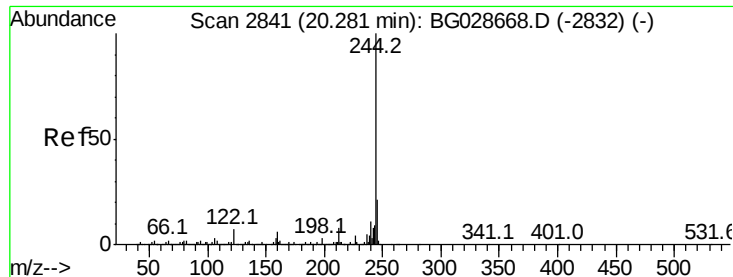
Tot Ion:188 Resp: 263658
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 6.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.99 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028848.D
Acq: 21 Sep 2017 8:28

Tgt Ion:240 Resp: 306941
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 24.8 22.2 33.4





#78

Terphenyl-d14

Concen: 84.918 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028848.D

Acq: 21 Sep 2017 8:28

Instrument :

BNA_G

ClientSampleId :

SP-B-L-SIDE-COMP

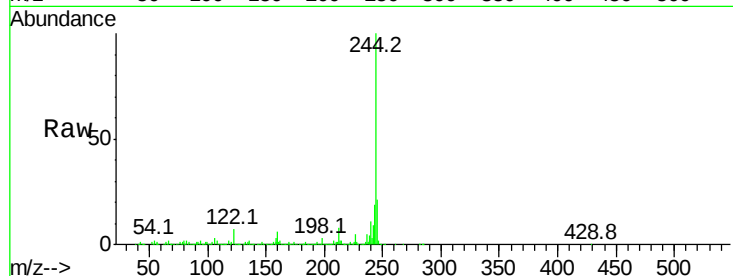
Tot Ion:244 Resp: 1222229

Ion Ratio Lower Upper

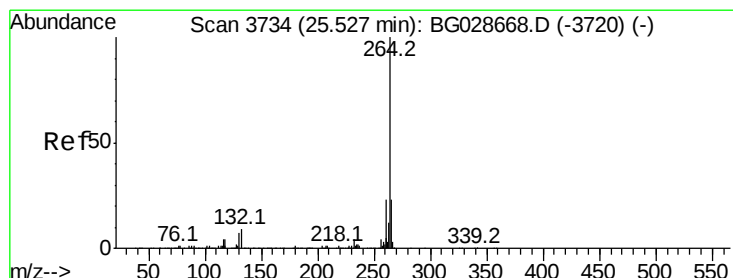
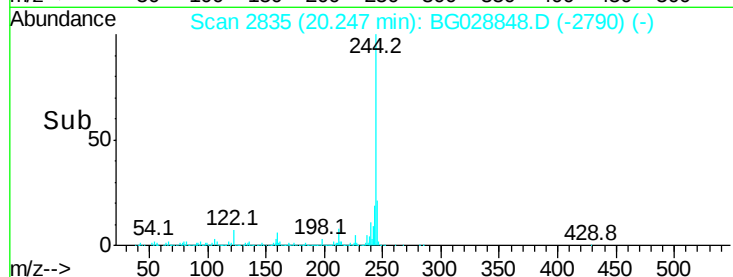
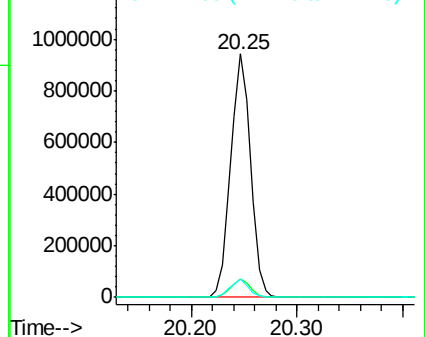
244 100

212 7.6 10.0 15.0#

122 7.4 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

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028848.D

Acq: 21 Sep 2017 8:28

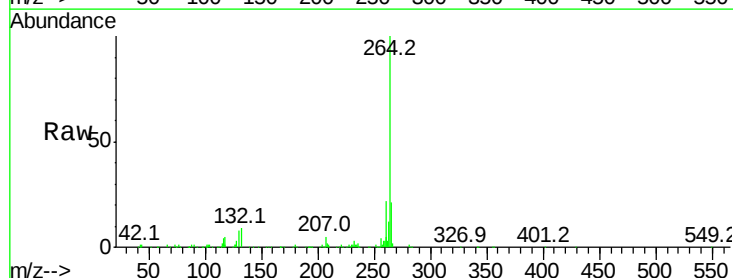
Tgt Ion:264 Resp: 307701

Ion Ratio Lower Upper

264 100

260 21.5 21.8 32.8#

265 21.5 18.2 27.4



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

