

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028899.D
 Acq On : 23 Sep 2017 15:38
 Operator : SJ/JU
 Sample : I5297-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091517-SIDI-E-U-S

Quant Time: Sep 25 02:22:19 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	8.27	152	27727	20.00	ng	-0.06
21) Naphthalene-d8	11.09	136	102687	20.00	ng	-0.06
38) Acenaphthene-d10	14.90	164	81532	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	248154	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	293867	20.00	ng	-0.07
86) Perylene-d12	25.41	264	299380	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	68510	40.77	ng	-0.06
7) Phenol-d6	7.43	99	61989	24.50	ng	-0.06
23) Nitrobenzene-d5	9.44	82	210995	98.29	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	142125	105.40	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	572817	93.68	ng	-0.05
78) Terphenyl-d14	20.23	244	1151668	83.58	ng	-0.05

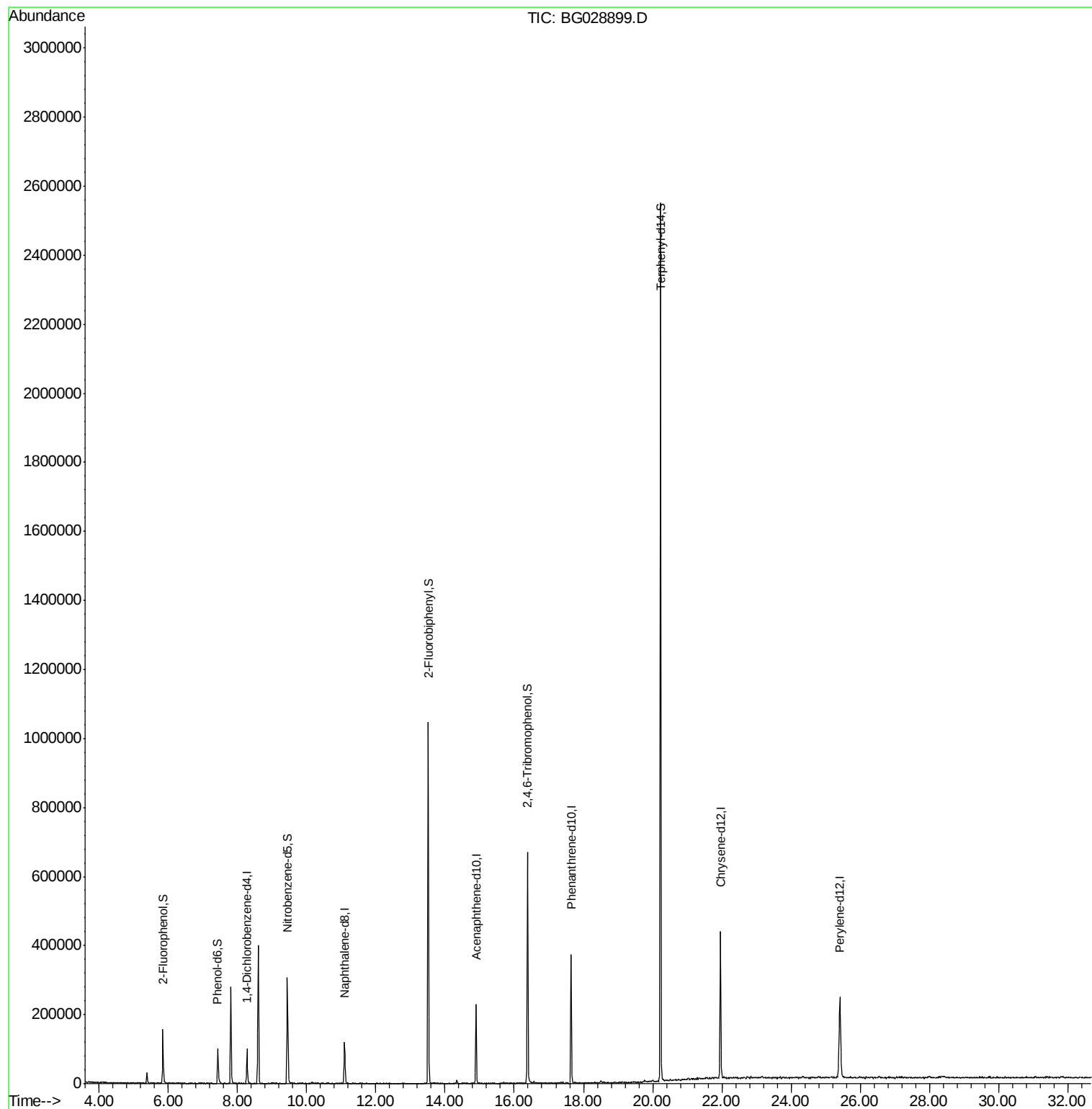
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.27 min Scan# 797

Delta R.T. -0.06 min

Lab File: BG028899.D

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Instrument :

BNA_G

ClientSampleId :

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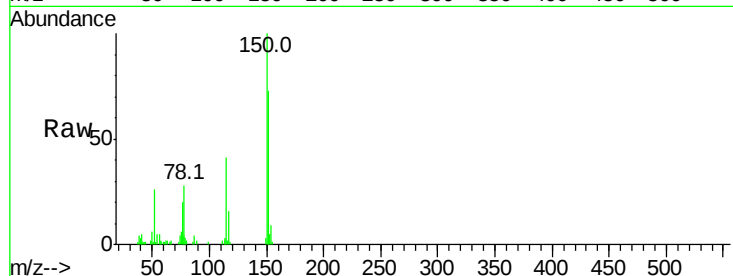
Tot Ion:152 Resp: 27727

Ion Ratio Lower Upper

152 100

150 136.9 114.0 171.0

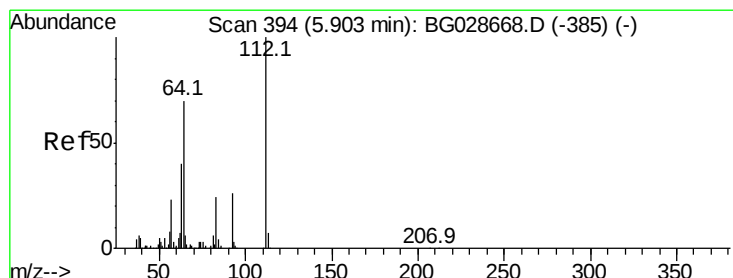
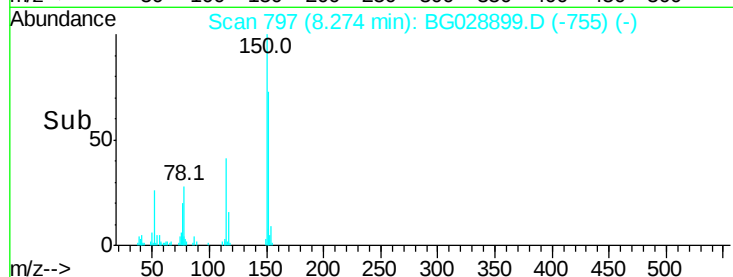
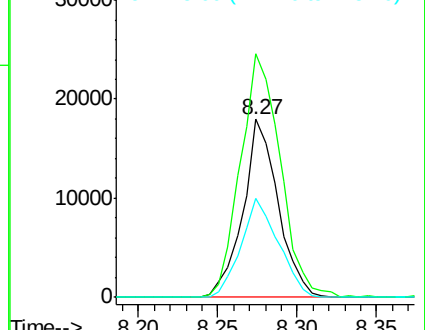
115 55.7 48.1 72.1



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: 40.771 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028899.D

Acq: 23 Sep 2017 15:38

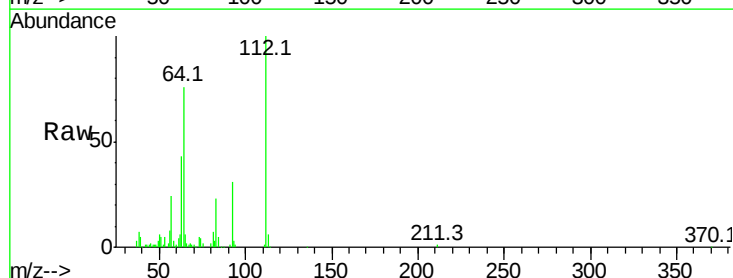
Tgt Ion:112 Resp: 68510

Ion Ratio Lower Upper

112 100

64 75.8 61.8 92.6

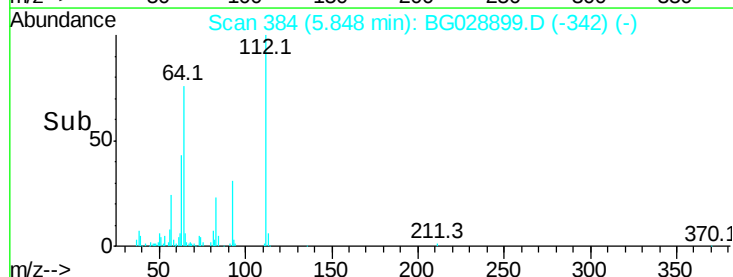
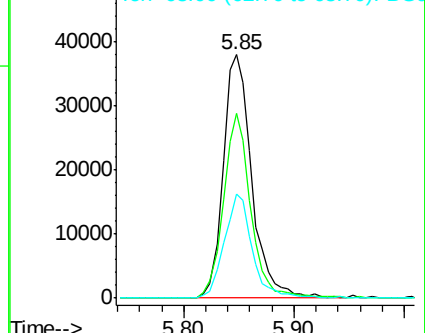
63 43.0 37.2 55.8



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: 24.502 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028899.D

Acq: 23 Sep 2017 15:38

Instrument :

BNA_G

ClientSampleId :

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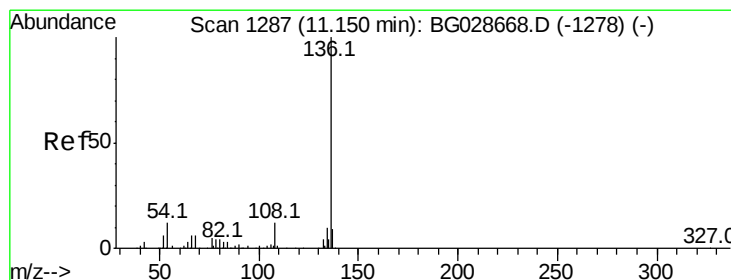
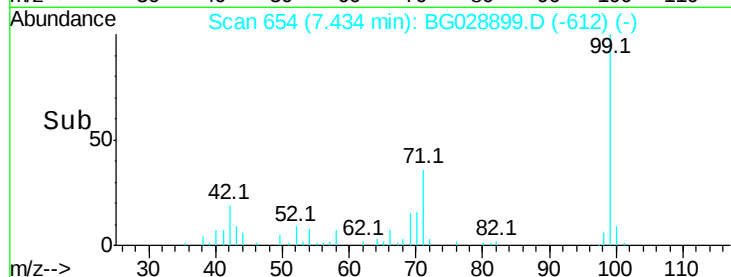
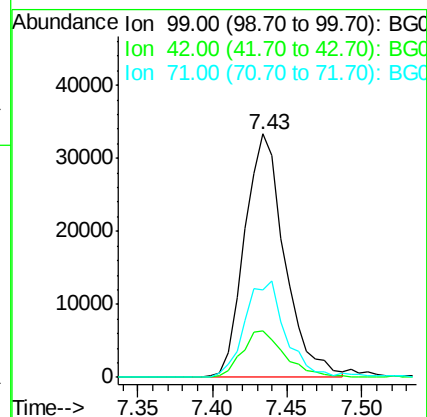
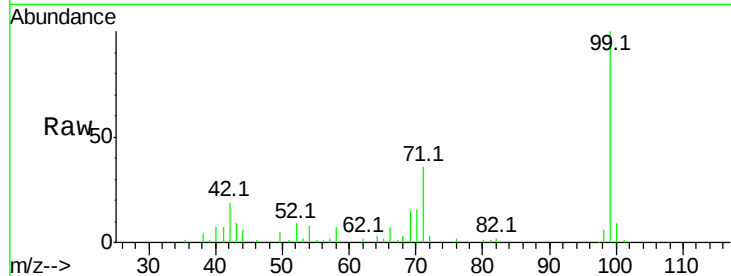
Tot Ion: 99 Resp: 61989

Ion Ratio Lower Upper

99 100

42 19.3 20.5 30.7#

71 36.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.09 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BG028899.D

Acq: 23 Sep 2017 15:38

Tgt Ion: 136 Resp: 102687

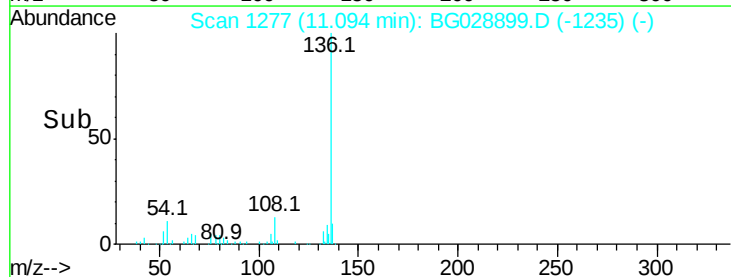
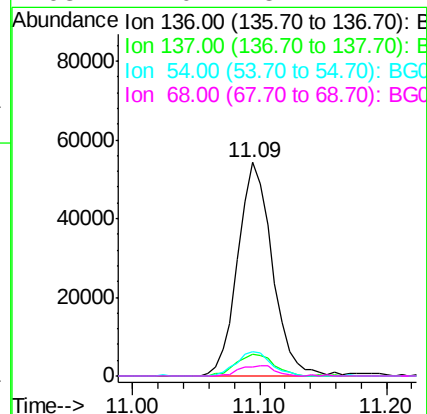
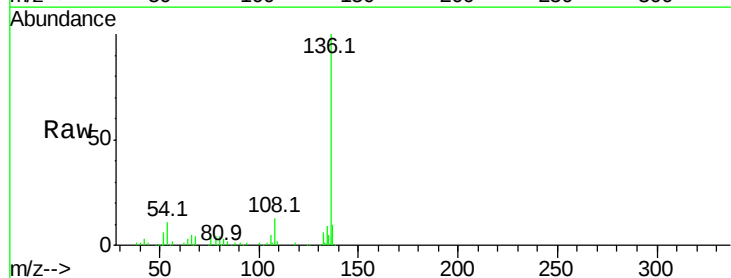
Ion Ratio Lower Upper

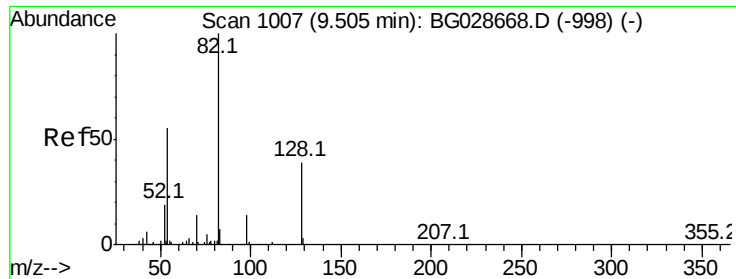
136 100

137 10.4 8.9 13.3

54 11.4 9.3 13.9

68 4.0 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 98.293 ng

RT: 9.44 min Scan# 996

Delta R.T. -0.06 min

Lab File: BG028899.D

Acq: 23 Sep 2017 15:38

Instrument :

BNA_G

ClientSampleId :

091517-SIDI-E-U-S

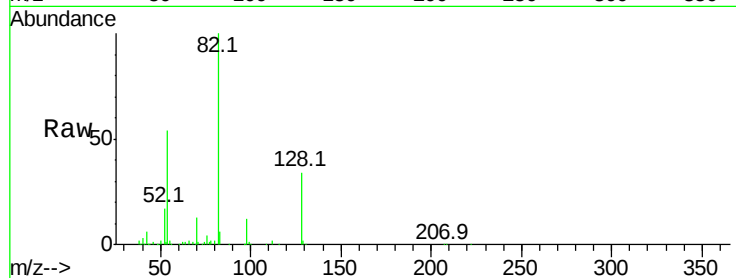
Tot Ion: 82 Resp: 210995

Ion Ratio Lower Upper

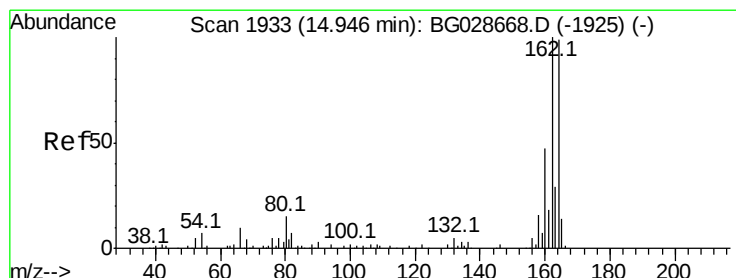
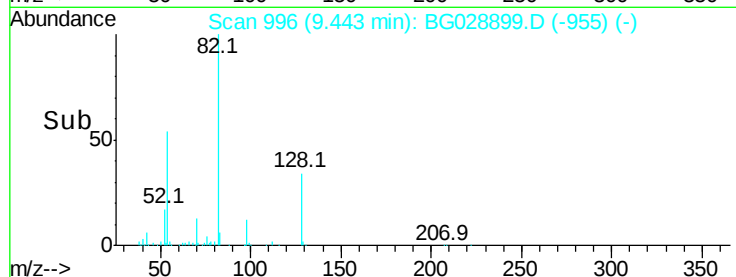
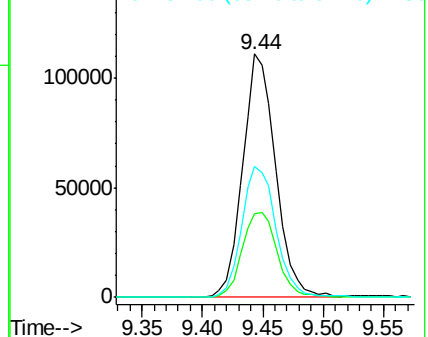
82 100

128 34.4 26.4 39.6

54 53.7 49.4 74.2



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: 14.90 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028899.D

Acq: 23 Sep 2017 15:38

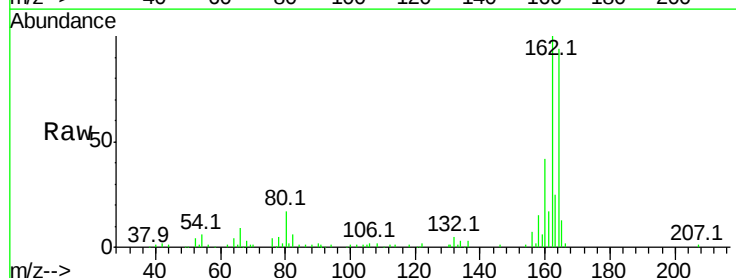
Tgt Ion: 164 Resp: 81532

Ion Ratio Lower Upper

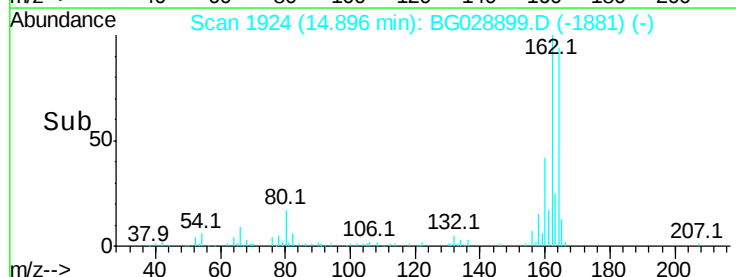
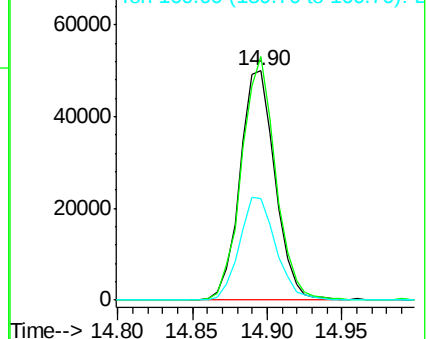
164 100

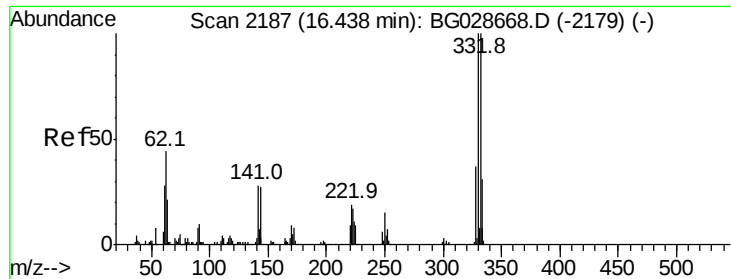
162 106.3 85.1 127.7

160 44.4 34.7 52.1



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

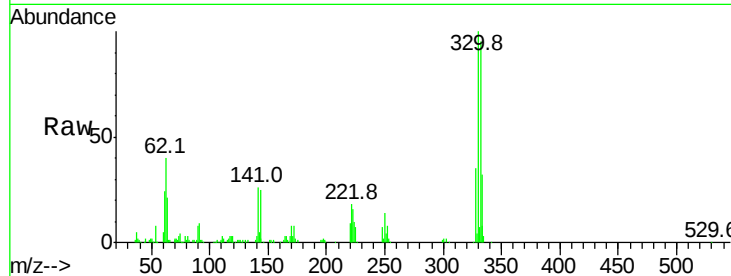




#41
2,4,6-Tribromophenol
Concen: 105.396 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028899.D
Acq: 23 Sep 2017 15:38

Instrument :
BNA_G
ClientSampleId :
091517-SIDI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.3	115.9
141	32.7	32.1	48.1

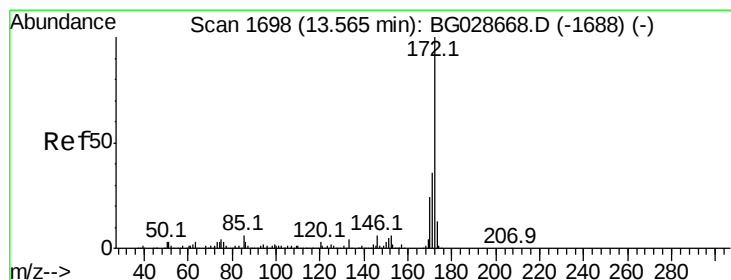
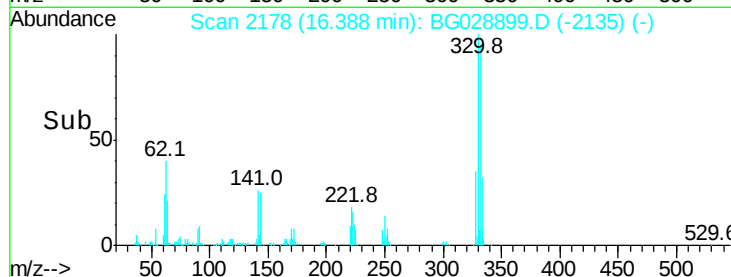
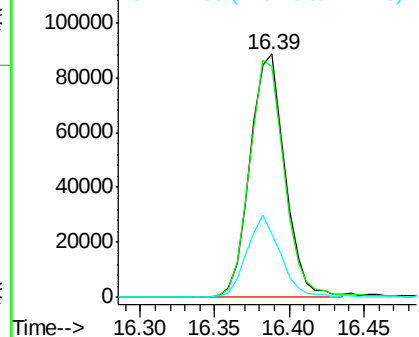


Abundance

Ion 329.80 (329.50 to 330.50): E

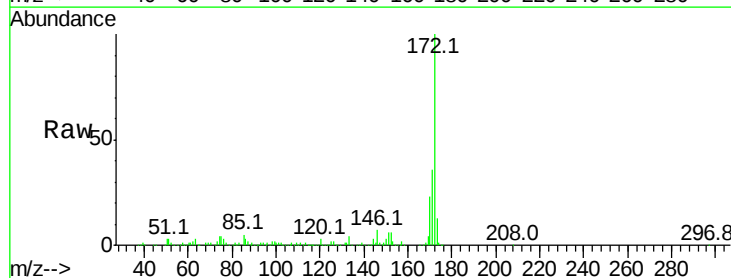
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 93.682 ng
RT: 13.52 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028899.D
Acq: 23 Sep 2017 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	23.4	21.8	32.6

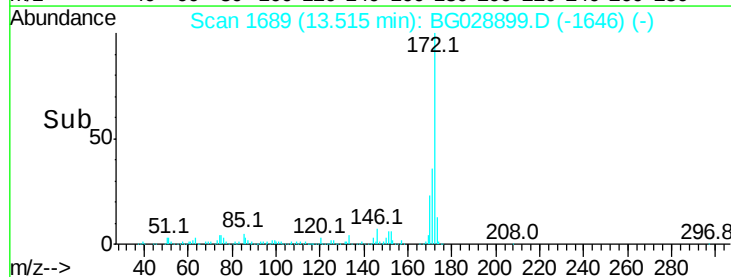
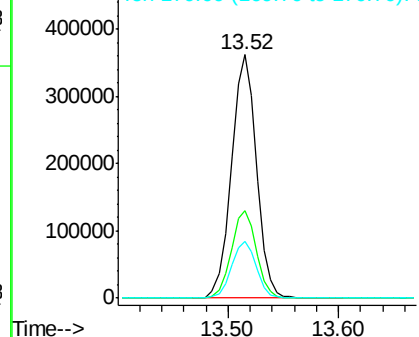


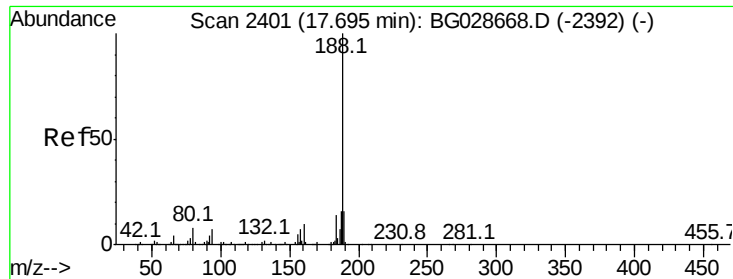
Abundance

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

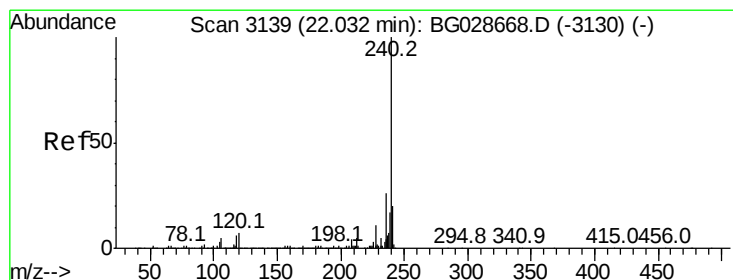
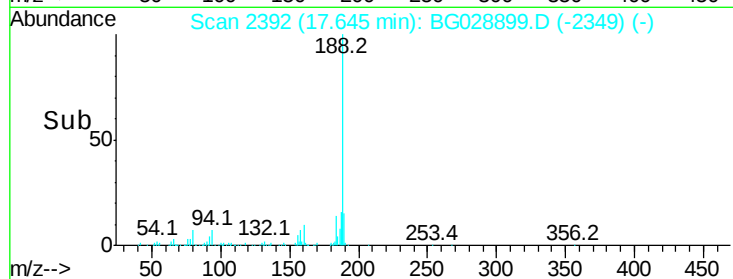
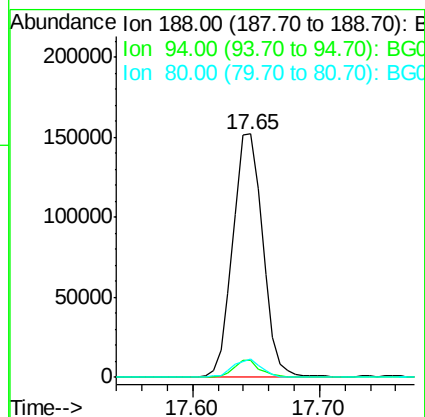
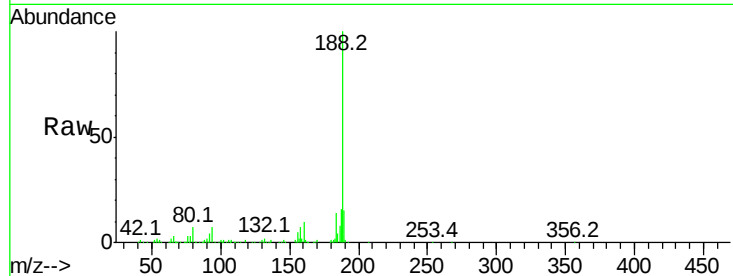




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028899.D
Acq: 23 Sep 2017 15:38

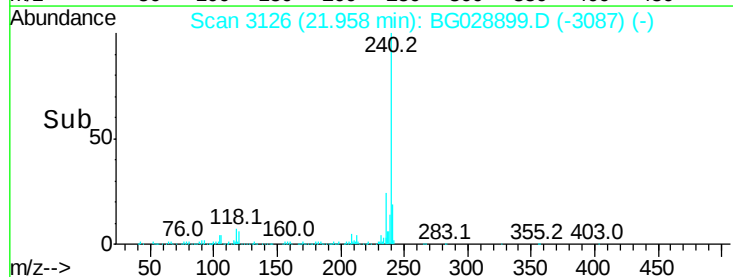
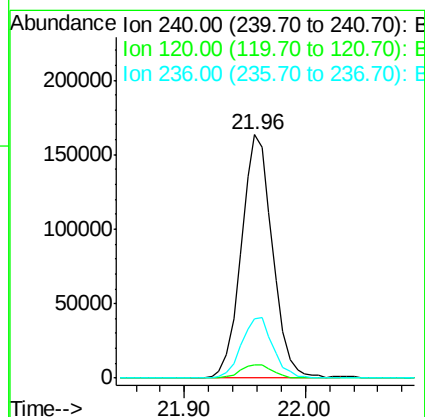
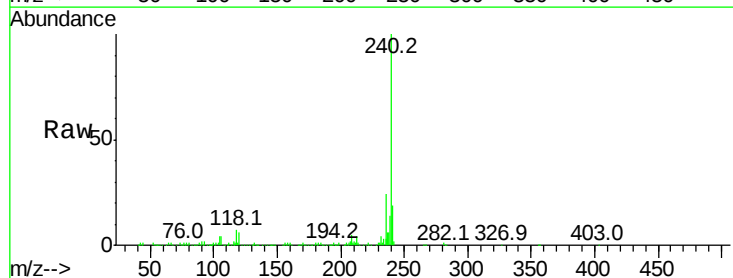
Instrument :
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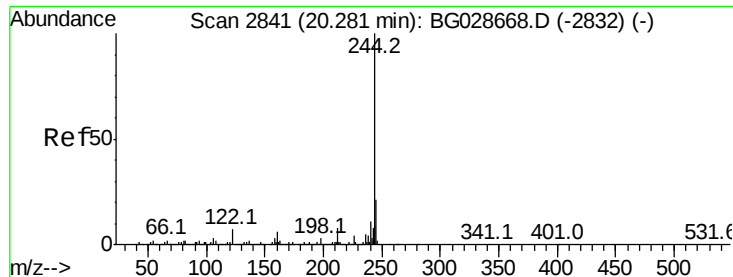
Tot Ion:188 Resp: 248154
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3126
Delta R.T. -0.07 min
Lab File: BG028899.D
Acq: 23 Sep 2017 15:38

Tgt Ion:240 Resp: 293867
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 24.2 22.2 33.4





#78

Terphenyl-d14

Concen: 83.575 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028899.D

Acq: 23 Sep 2017 15:38

Instrument :

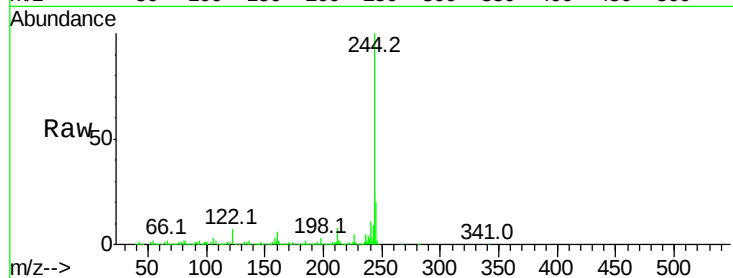
BNA_G

ClientSampleId :

091517-SIDI-E-U-S

Tot Ion:244 Resp: 1151668

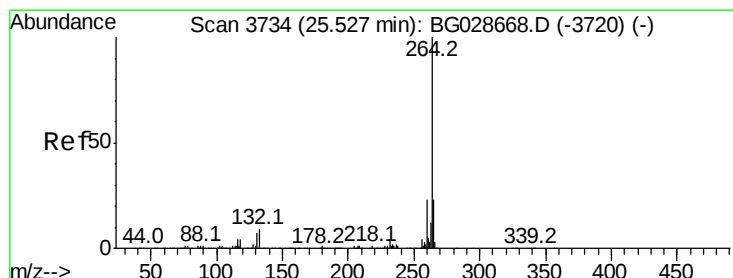
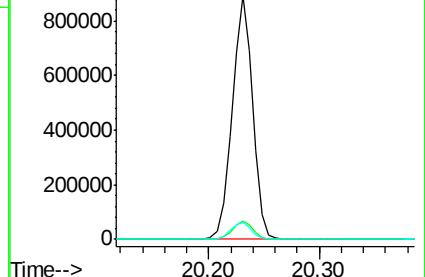
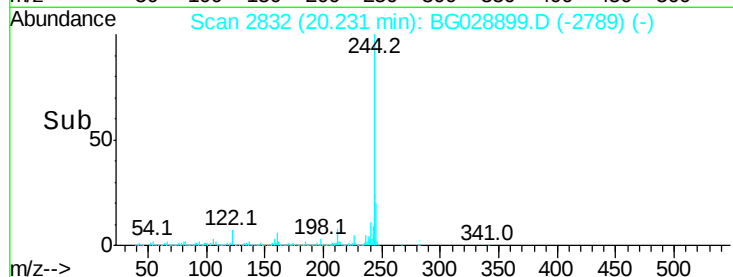
Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	7.0	8.6	12.8#



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: 25.41 min Scan# 3713

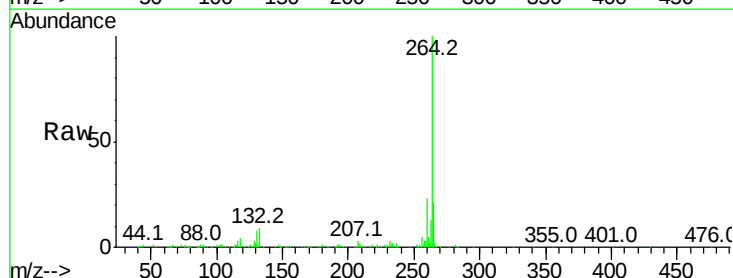
Delta R.T. -0.12 min

Lab File: BG028899.D

Acq: 23 Sep 2017 15:38

Tgt Ion:264 Resp: 299380

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	20.7	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

