

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028990.D
 Acq On : 30 Sep 2017 22:04
 Operator : SJ/JU
 Sample : I5491-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-092717

Quant Time: Oct 01 02:42:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 01 02:30:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	29855	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	123107	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	96097	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	277965	20.00	ng	0.00
75) Chrysene-d12	21.94	240	322822	20.00	ng	-0.01
86) Perylene-d12	25.37	264	340025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	284496	157.24	ng	0.00
7) Phenol-d6	7.41	99	341186	125.24	ng	0.00
23) Nitrobenzene-d5	9.43	82	273851	106.41	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	296797	186.74	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	726402	100.79	ng	0.00
78) Terphenyl-d14	20.22	244	1547242	102.21	ng	0.00

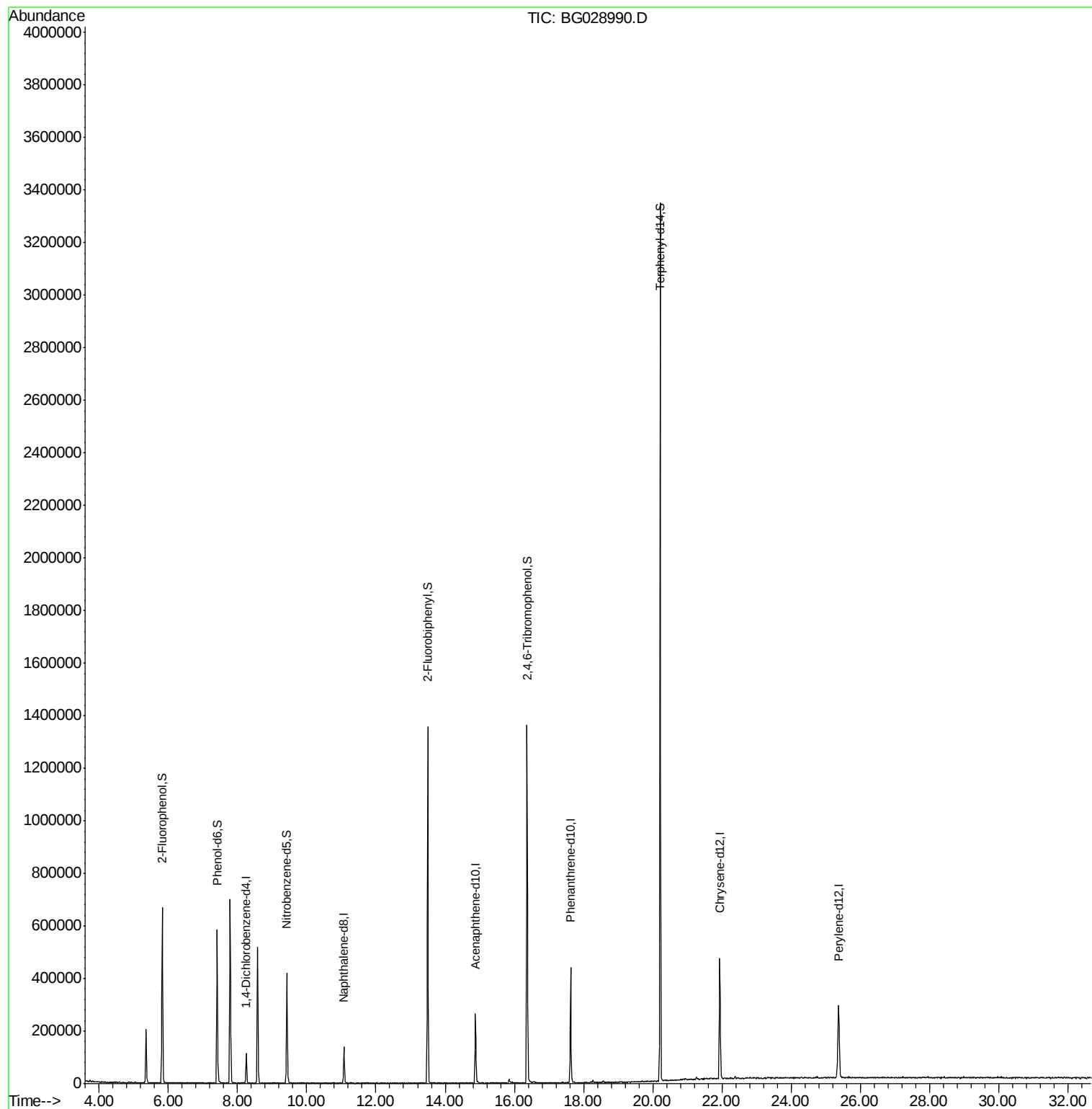
Target Compounds Qvalue

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

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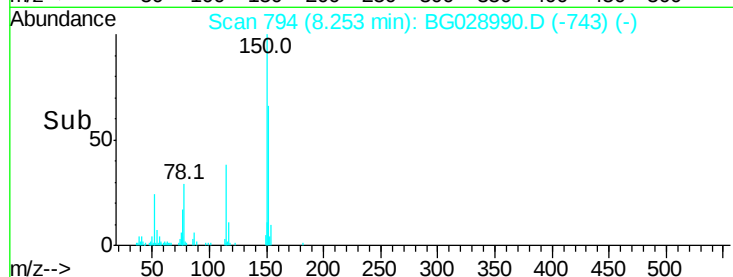
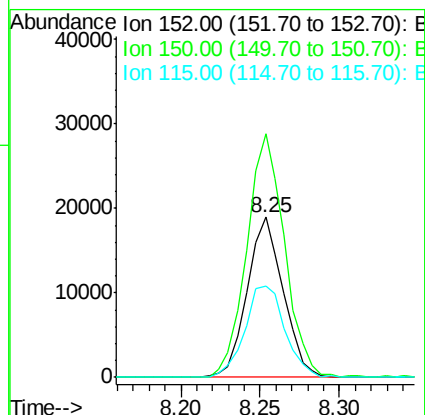
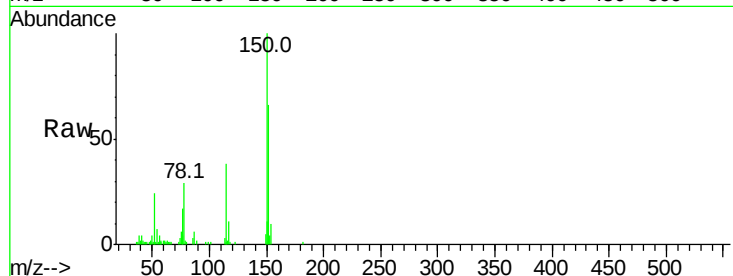


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG028990.D
Acq: 30 Sep 2017 22:04

Instrument :
BNA_G
ClientSampleId :
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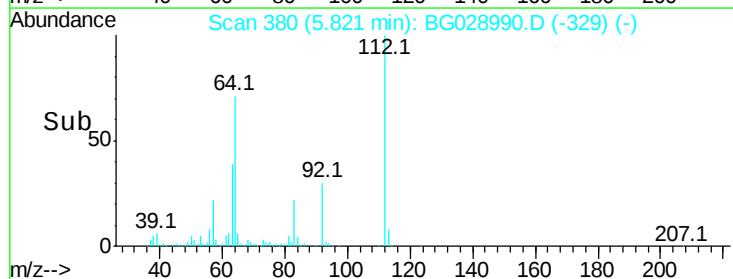
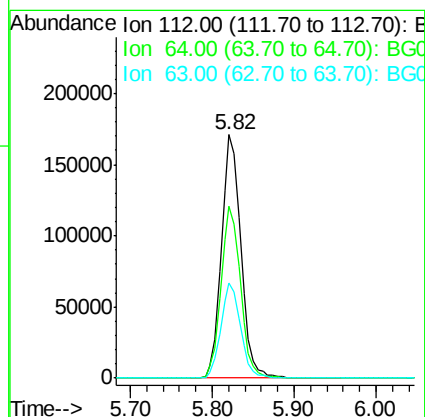
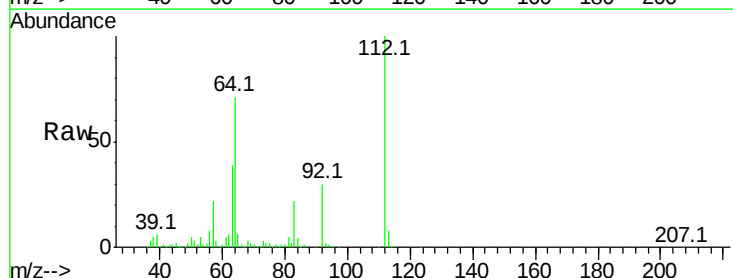
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	114.0	171.0
115	57.3	48.1	72.1

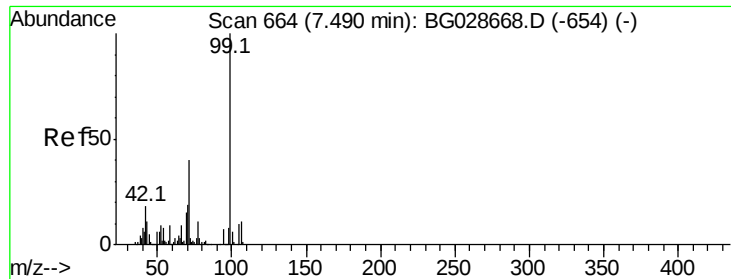


#5

2-Fluorophenol
Concen: 157.237 ng
RT: 5.82 min Scan# 380
Delta R.T. -0.00 min
Lab File: BG028990.D
Acq: 30 Sep 2017 22:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	61.8	92.6
63	39.3	37.2	55.8





#7

Phenol-d6

Concen: 125.244 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG028990.D

Acq: 30 Sep 2017 22:04

Instrument :

BNA_G

ClientSampleId :

OR-02-092717

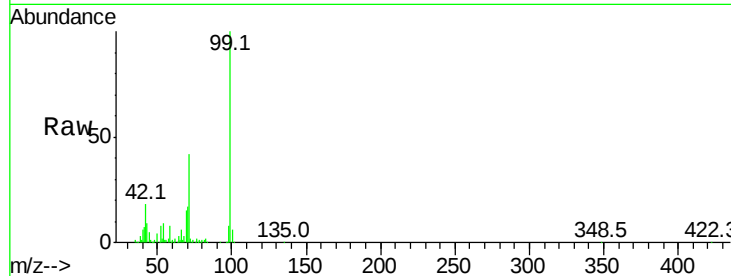
Tot Ion: 99 Resp: 341186

Ion Ratio Lower Upper

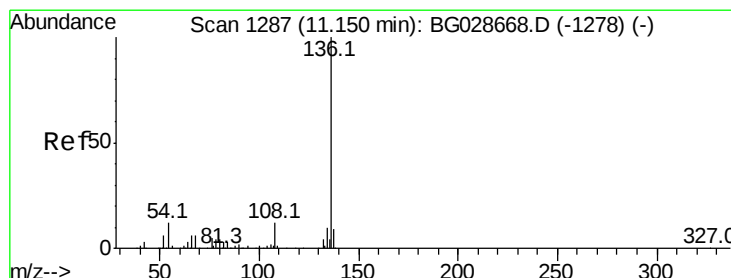
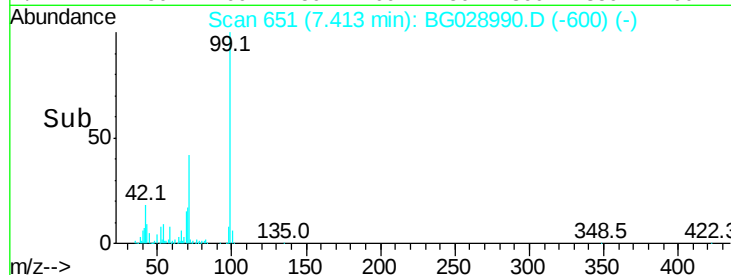
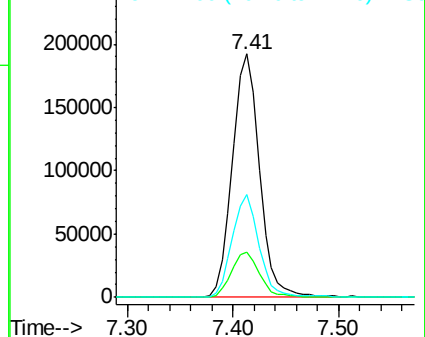
99 100

42 18.5 20.5 30.7#

71 42.2 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: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028990.D

Acq: 30 Sep 2017 22:04

Tgt Ion:136 Resp: 123107

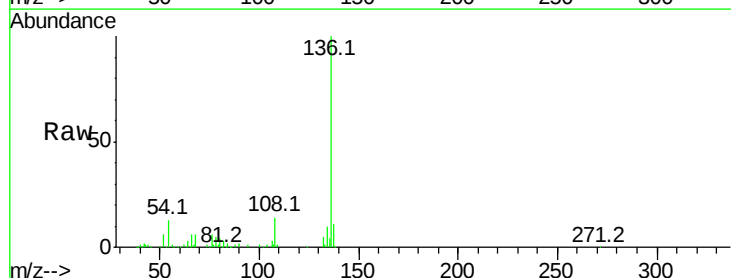
Ion Ratio Lower Upper

136 100

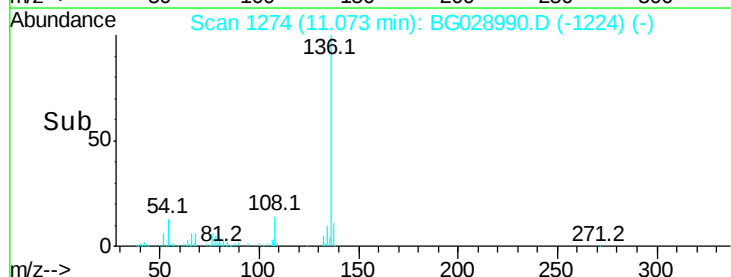
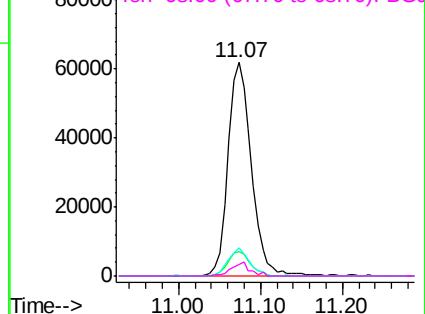
137 11.2 8.9 13.3

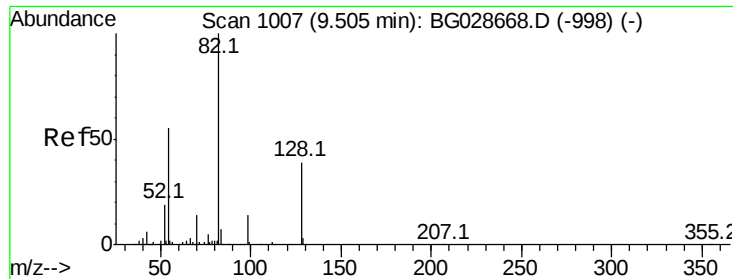
54 13.4 9.3 13.9

68 5.5 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

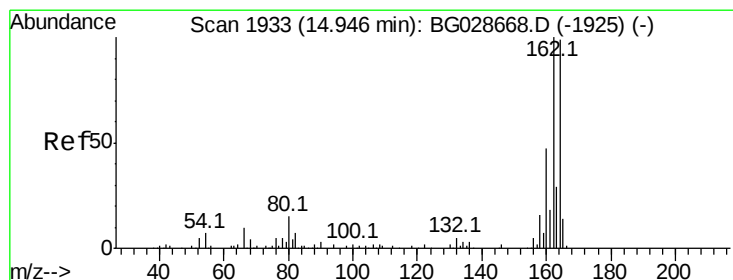
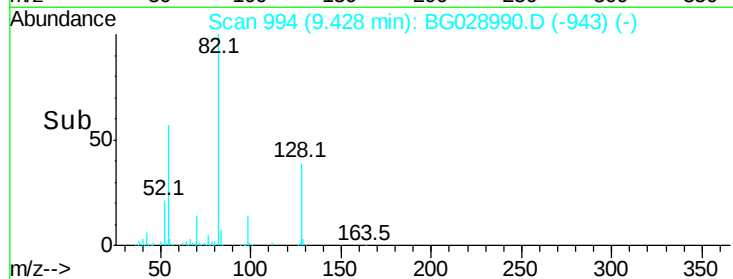
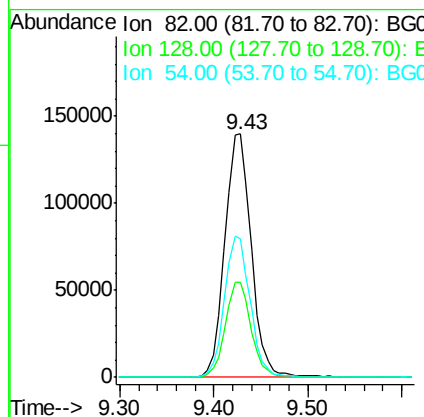
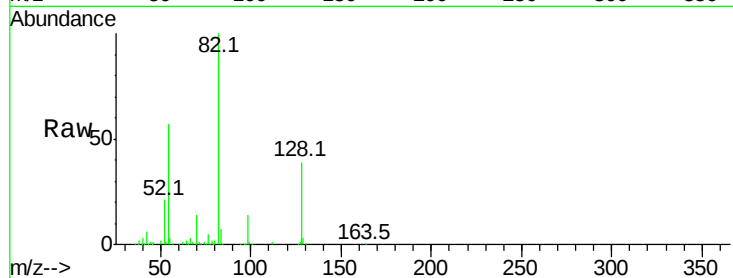




#23
Nitrobenzene-d5
Concen: 106.414 ng
RT: 9.43 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG028990.D
Acq: 30 Sep 2017 22:04

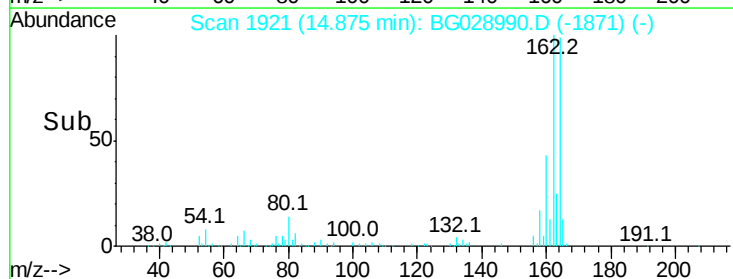
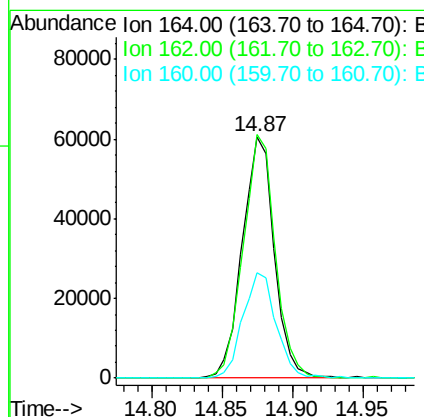
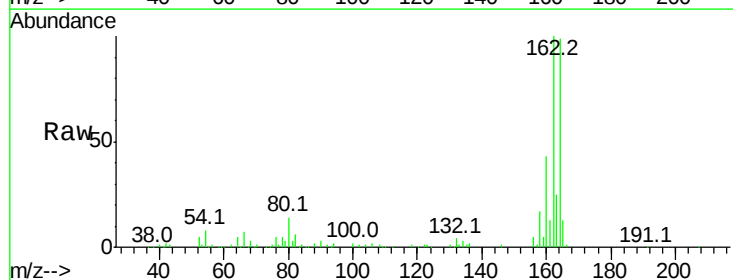
Instrument :
BNA_G
ClientSampleId :
OR-02-092717

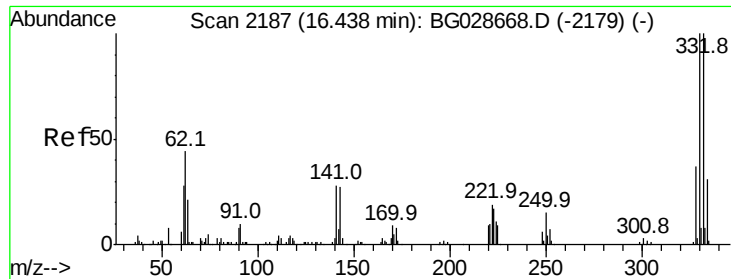
Tot Ion	82	Resp	273851
Ion Ratio	100	Lower	Upper
128	39.3	26.4	39.6
54	56.9	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.87 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG028990.D
Acq: 30 Sep 2017 22:04

Tgt Ion	164	Resp	96097
Ion Ratio	100	Lower	Upper
162	100.9	85.1	127.7
160	43.5	34.7	52.1

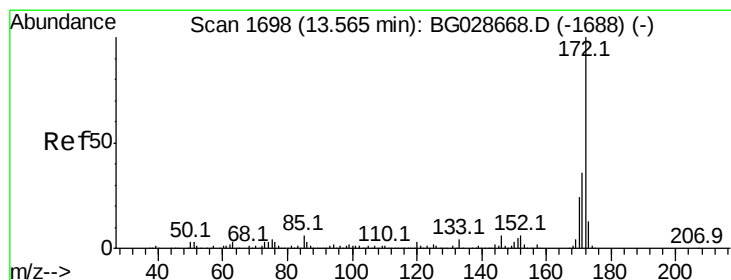
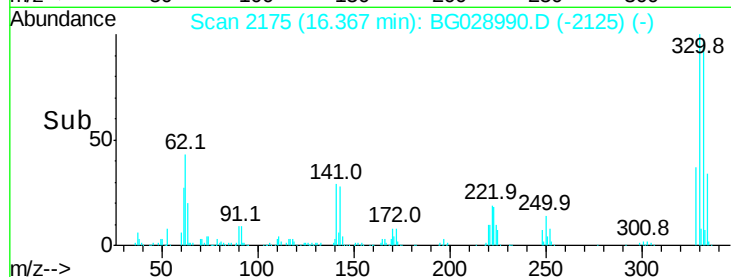
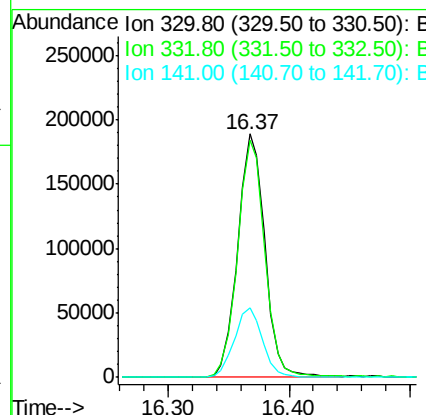
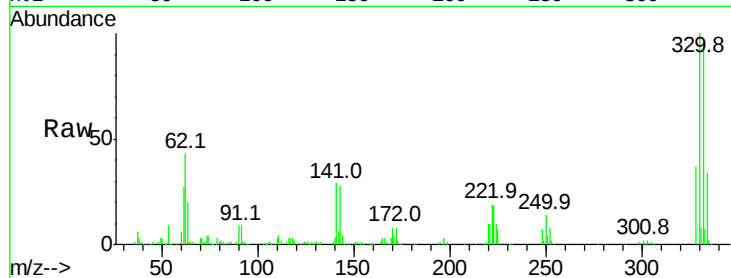




#41
 2,4,6-Tribromophenol
 Concen: 186.737 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028990.D
 Acq: 30 Sep 2017 22:04

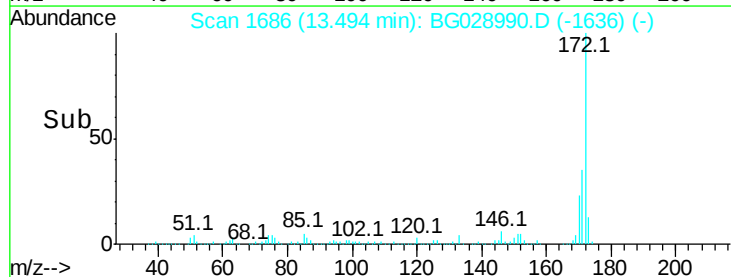
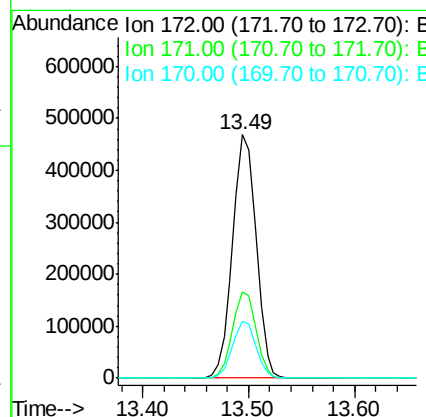
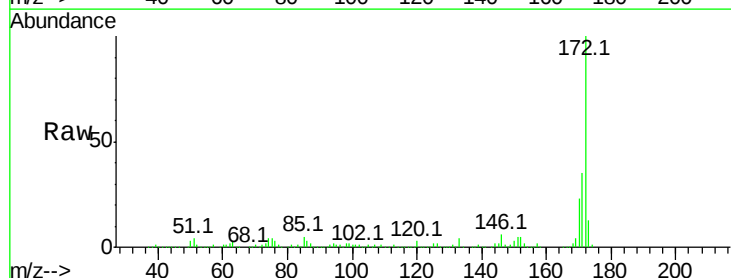
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-092717

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	29.9	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 100.794 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028990.D
 Acq: 30 Sep 2017 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	23.3	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.62 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG028990.D

Acq: 30 Sep 2017 22:04

Instrument :

BNA_G

ClientSampleId :

OR-02-092717

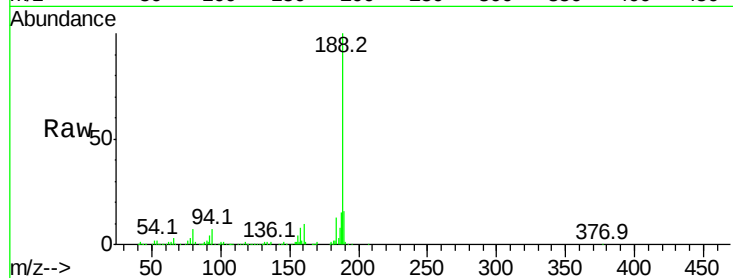
Tot Ion:188 Resp: 277965

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

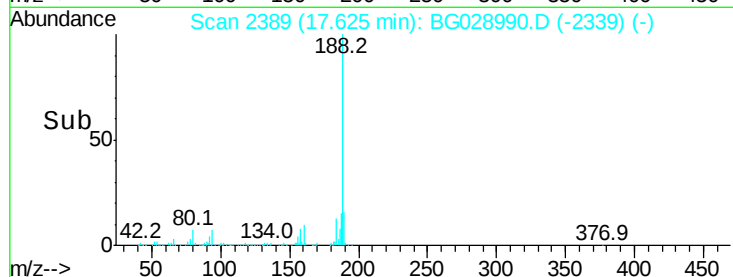
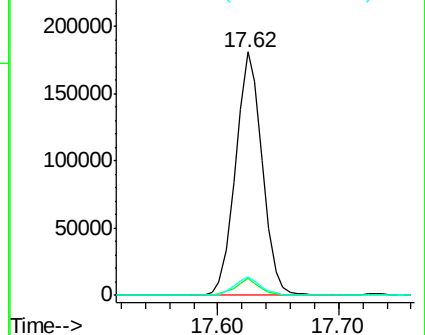
80 7.5 7.5 11.3#



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: 21.94 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG028990.D

Acq: 30 Sep 2017 22:04

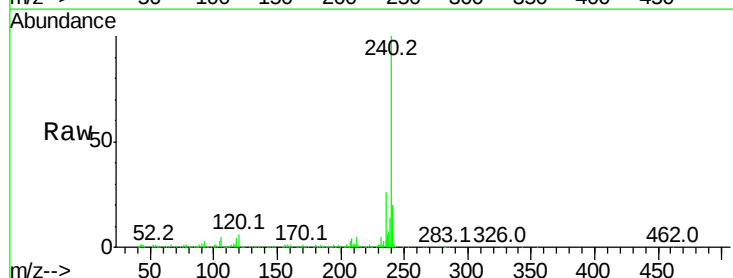
Tgt Ion:240 Resp: 322822

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

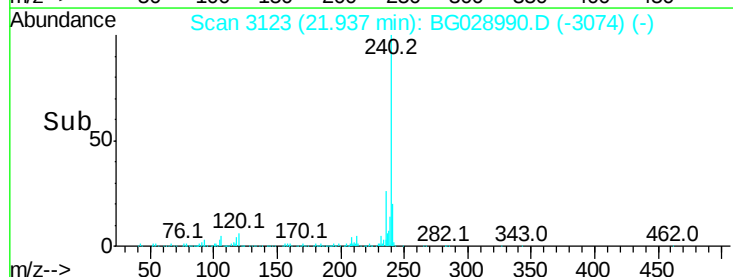
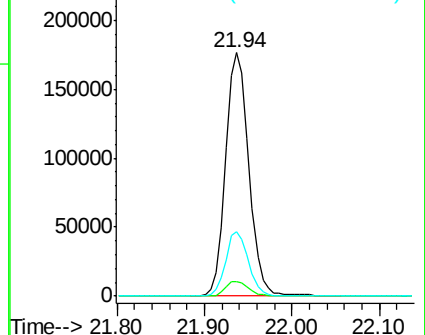
236 26.4 22.2 33.4

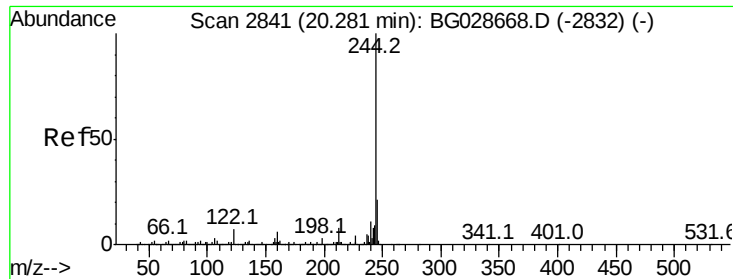


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.211 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028990.D

Acq: 30 Sep 2017 22:04

Instrument :

BNA_G

ClientSampleId :

OR-02-092717

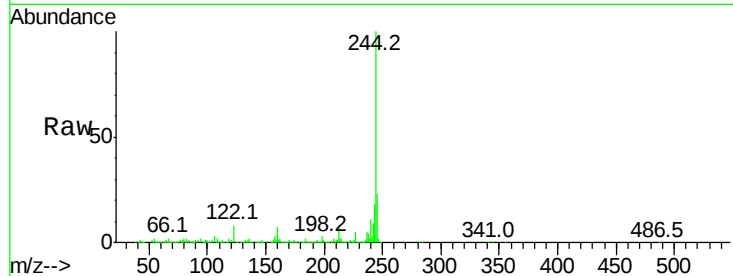
Tot Ion:244 Resp: 1547242

Ion Ratio Lower Upper

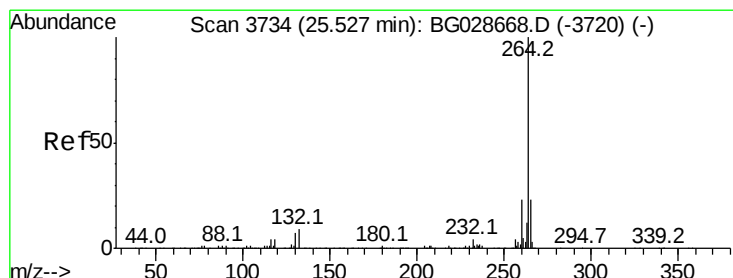
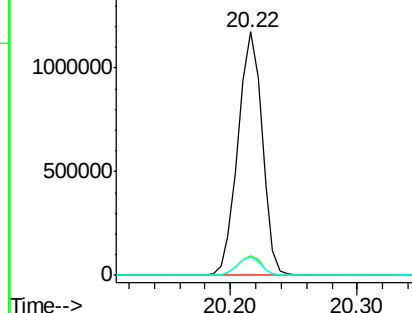
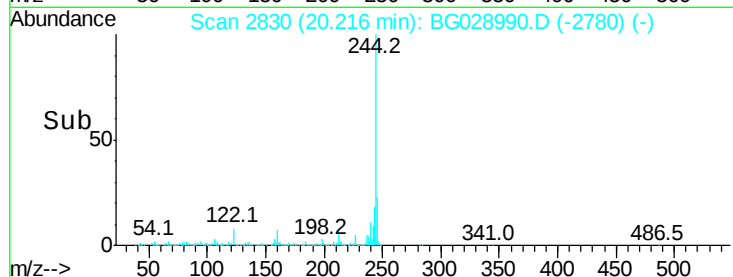
244 100

212 8.2 10.0 15.0#

122 7.5 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: 25.37 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG028990.D

Acq: 30 Sep 2017 22:04

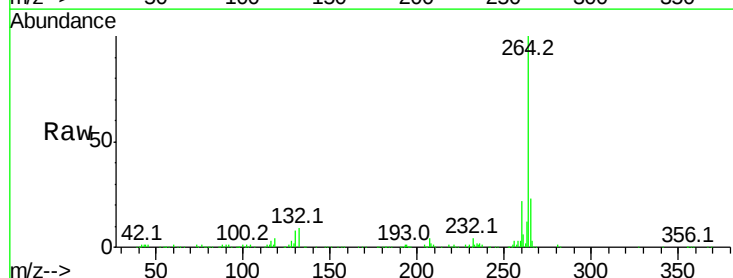
Tgt Ion:264 Resp: 340025

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 23.0 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

