

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028999.D
 Acq On : 1 Oct 2017 3:59
 Operator : SJ/JU
 Sample : I5551-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-092917-A

Quant Time: Oct 01 04:46:48 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 04:41:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	39966	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	162052	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	114570	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	282385	20.00	ng	0.00
75) Chrysene-d12	21.94	240	330693	20.00	ng	-0.01
86) Perylene-d12	25.37	264	345673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	359169	148.29	ng	0.01
7) Phenol-d6	7.42	99	450776	123.61	ng	0.00
23) Nitrobenzene-d5	9.42	82	320935	94.74	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	273919	144.55	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	810631	94.35	ng	0.00
78) Terphenyl-d14	20.22	244	1434884	92.53	ng	0.00

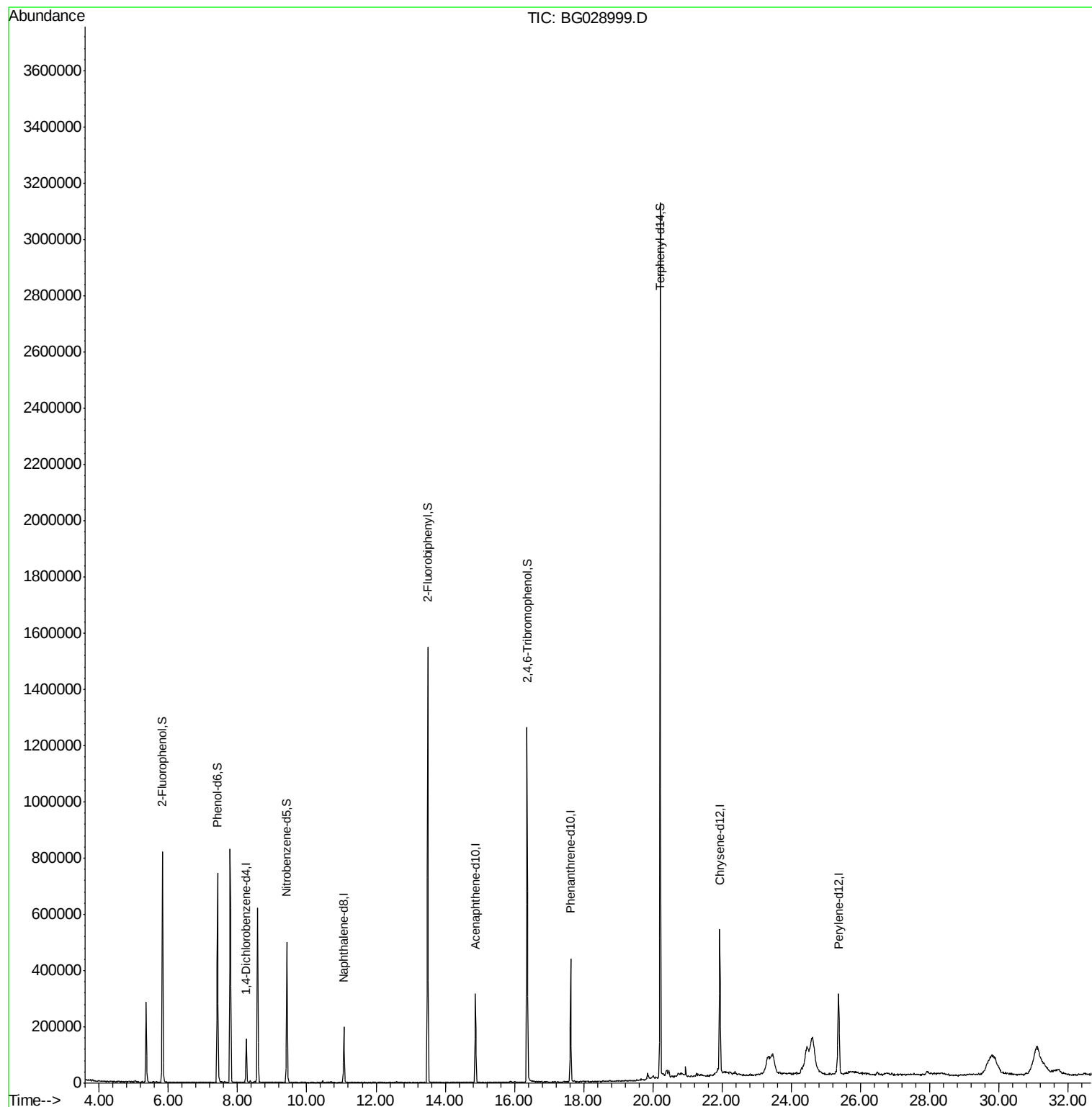
Target Compounds Qvalue

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

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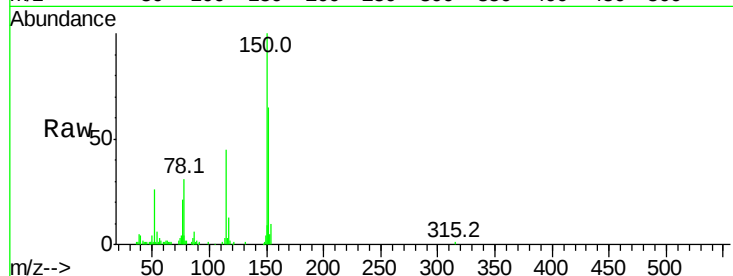


#1

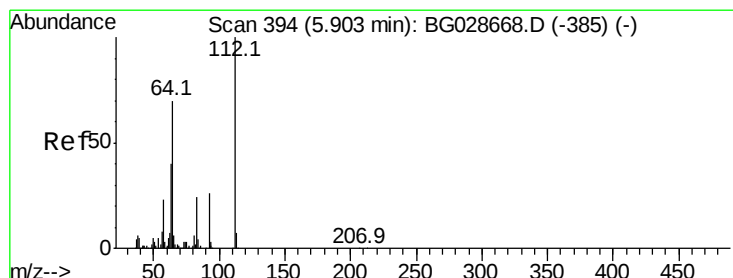
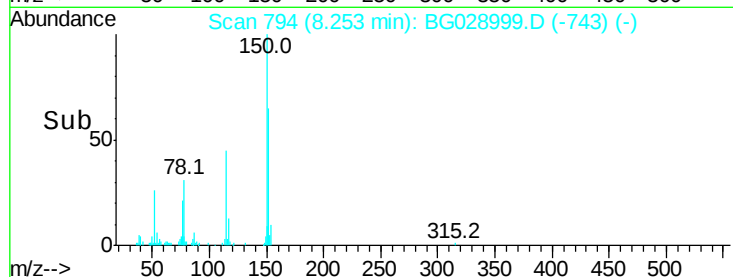
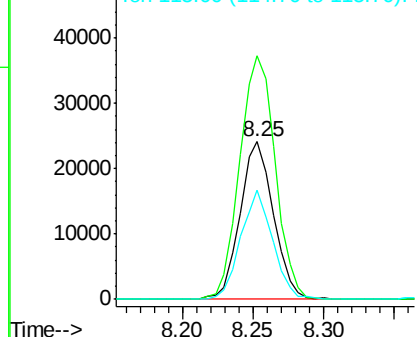
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG028999.D
Acq: 1 Oct 2017 3:59

Instrument :
BNA_G
ClientSampleId :
JC-03-092917-A

Tot Ion:152 Resp: 39966
Ion Ratio Lower Upper
152 100
150 154.5 114.0 171.0
115 69.0 48.1 72.1



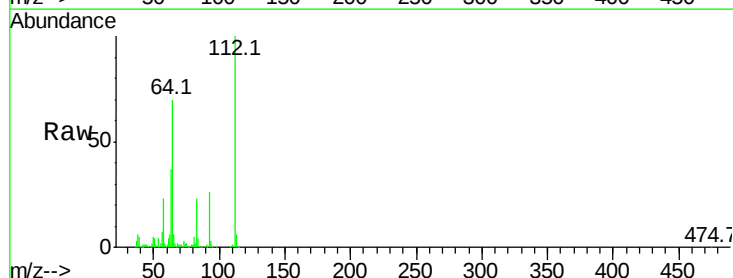
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



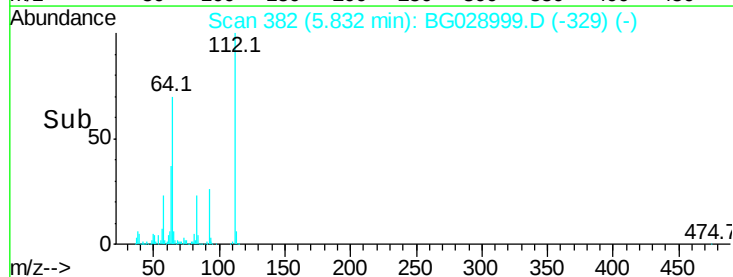
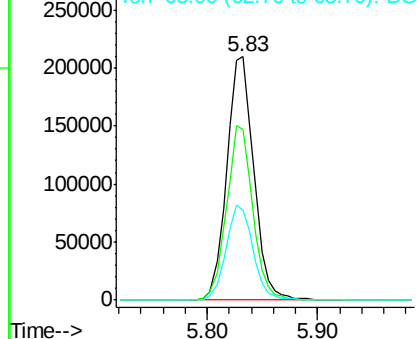
#5

2-Fluorophenol
Concen: 148.288 ng
RT: 5.83 min Scan# 382
Delta R.T. 0.01 min
Lab File: BG028999.D
Acq: 1 Oct 2017 3:59

Tgt Ion:112 Resp: 359169
Ion Ratio Lower Upper
112 100
64 69.9 61.8 92.6
63 37.2 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: 123.609 ng

RT: 7.42 min Scan# 652

Delta R.T. 0.00 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

JC-03-092917-A

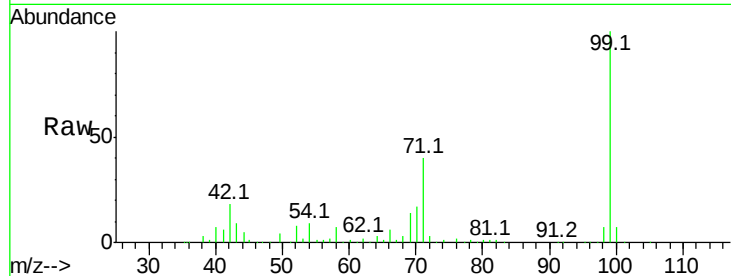
Tot Ion: 99 Resp: 450776

Ion Ratio Lower Upper

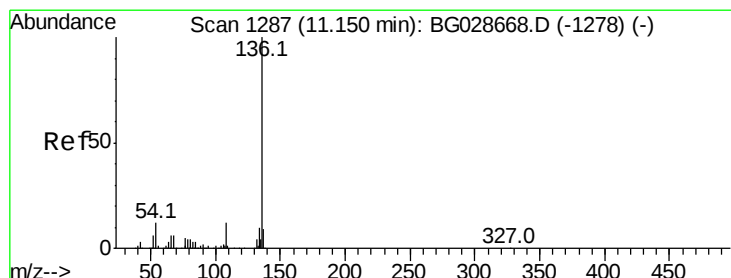
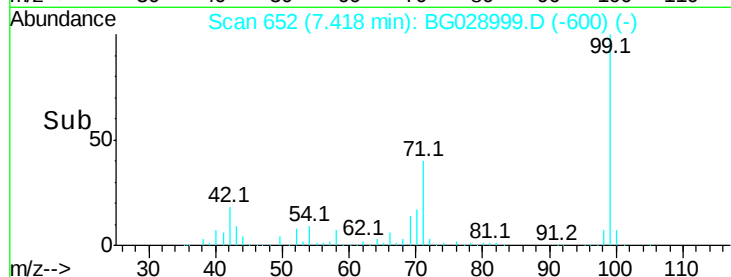
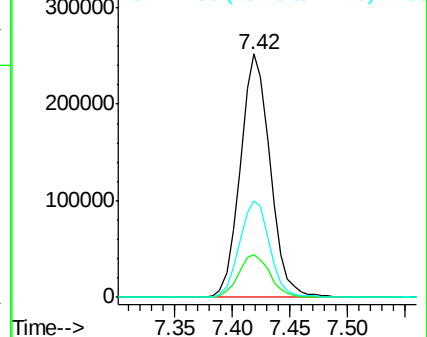
99 100

42 17.7 20.5 30.7#

71 39.7 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: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Tgt Ion: 136 Resp: 162052

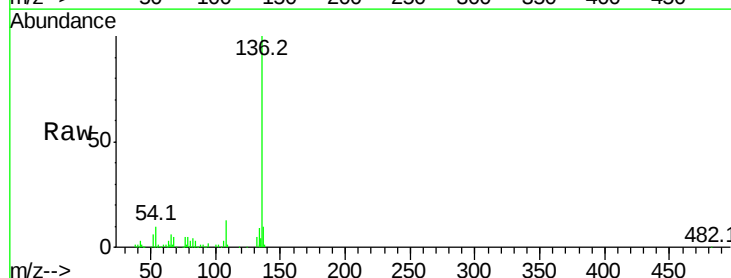
Ion Ratio Lower Upper

136 100

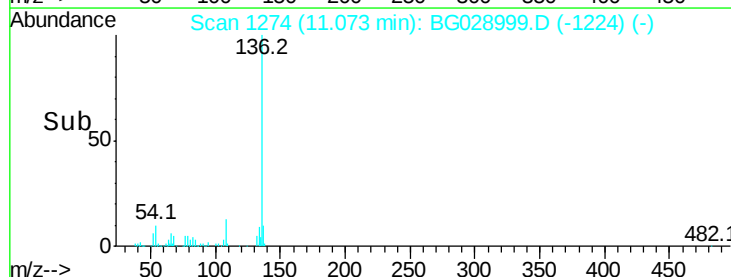
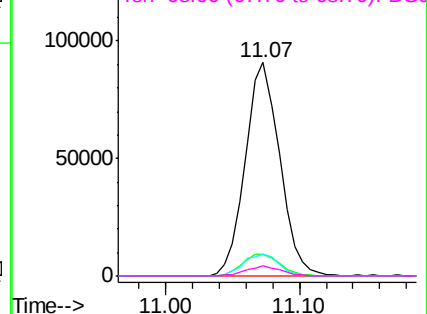
137 10.0 8.9 13.3

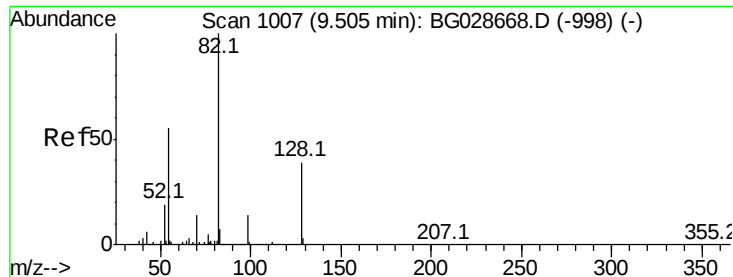
54 10.2 9.3 13.9

68 4.6 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

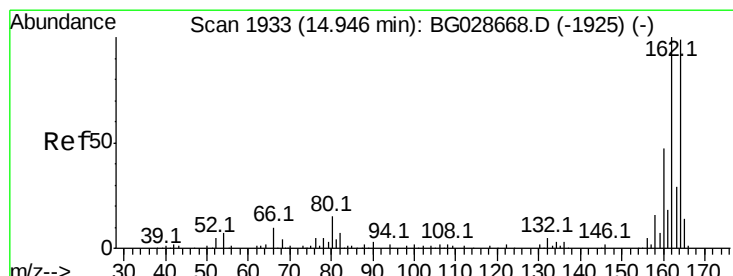
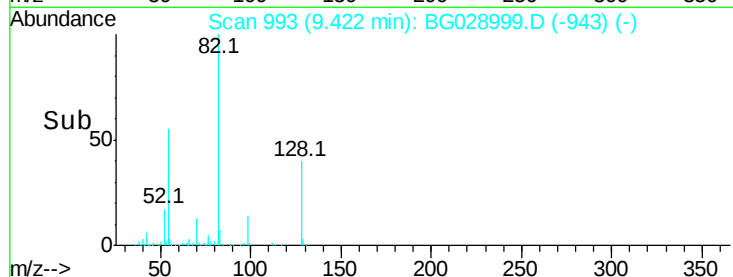
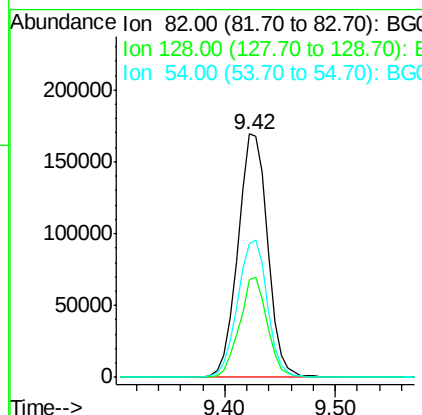
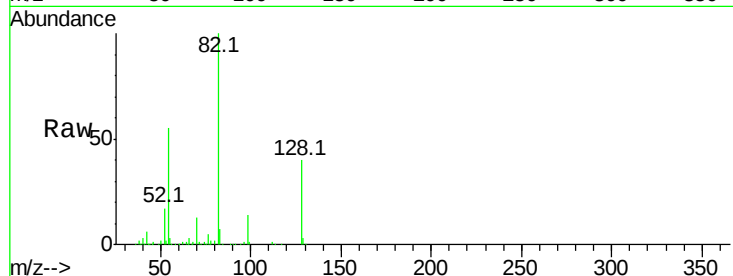




#23
 Nitrobenzene-d5
 Concen: 94.739 ng
 RT: 9.42 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BG028999.D
 Acq: 1 Oct 2017 3:59

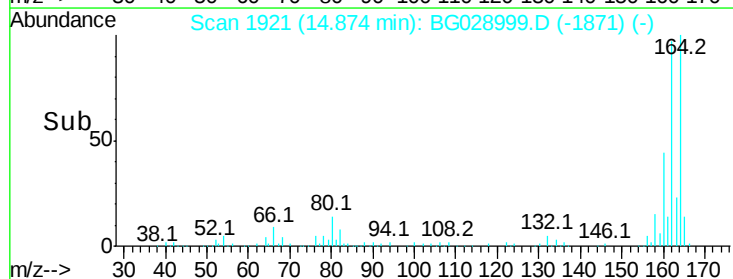
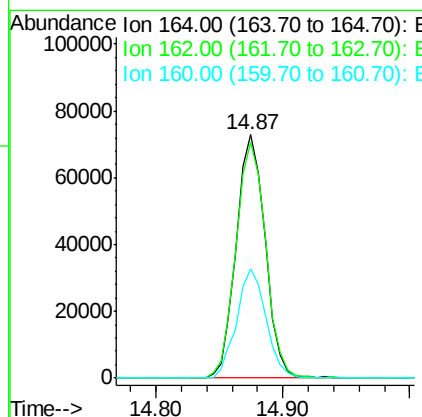
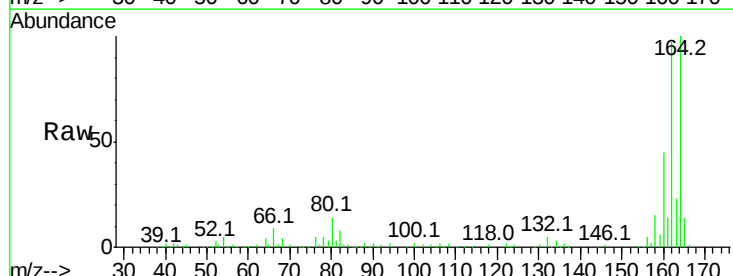
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-092917-A

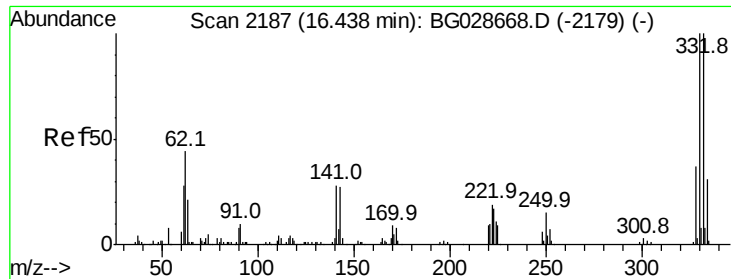
Tot Ion	82	Resp	320935
Ion	Ratio	Lower	Upper
82	100		
128	40.3	26.4	39.6#
54	55.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.87 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG028999.D
 Acq: 1 Oct 2017 3:59

Tgt Ion	164	Resp	114570
Ion	Ratio	Lower	Upper
164	100		
162	97.0	85.1	127.7
160	44.9	34.7	52.1

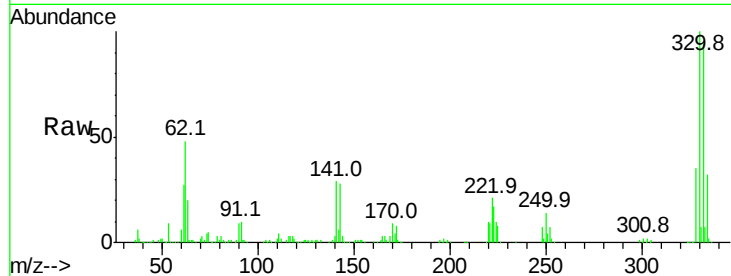




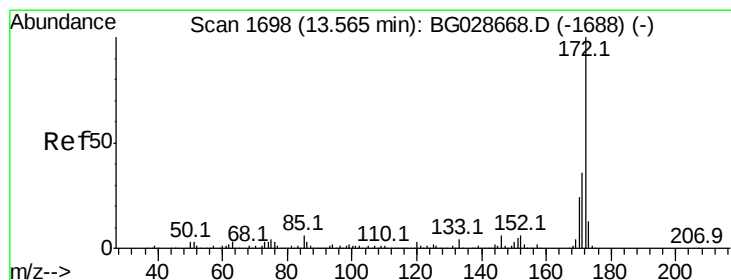
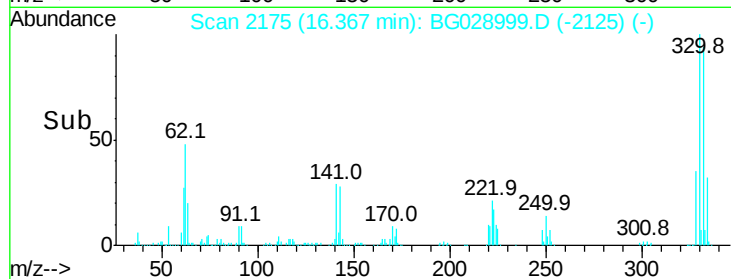
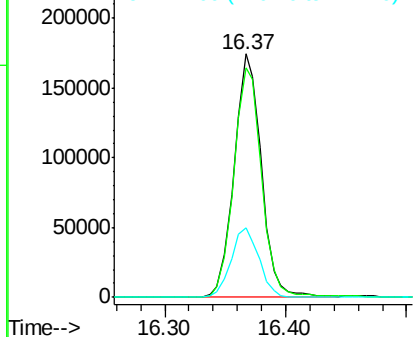
#41
 2,4,6-Tribromophenol
 Concen: 144.555 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028999.D
 Acq: 1 Oct 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-092917-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	29.1	32.1	48.1#

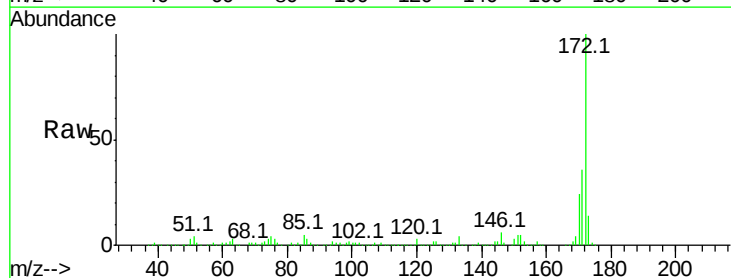


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

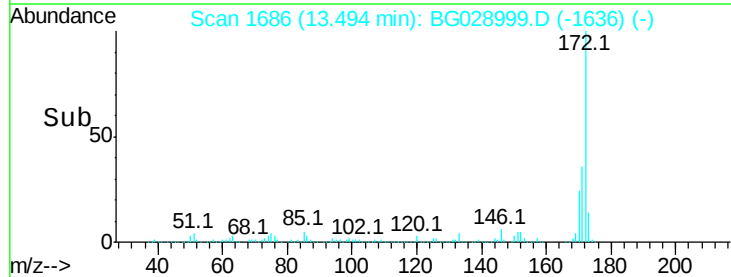
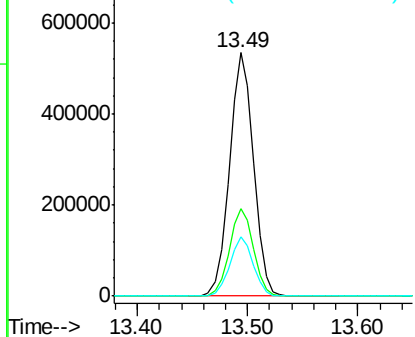


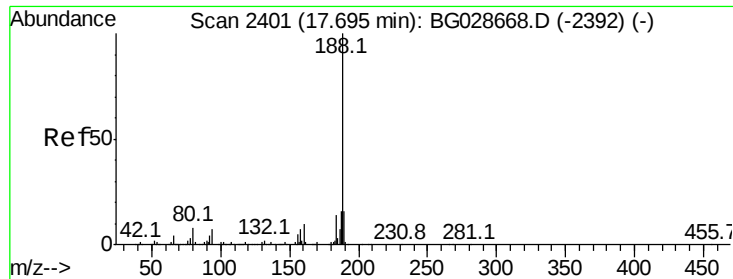
#44
 2-Fluorobiphenyl
 Concen: 94.345 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028999.D
 Acq: 1 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	24.2	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: 17.62 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

JC-03-092917-A

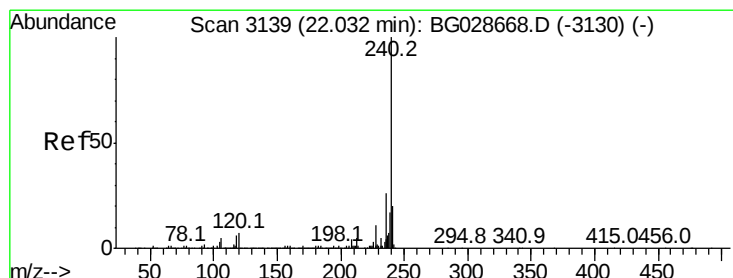
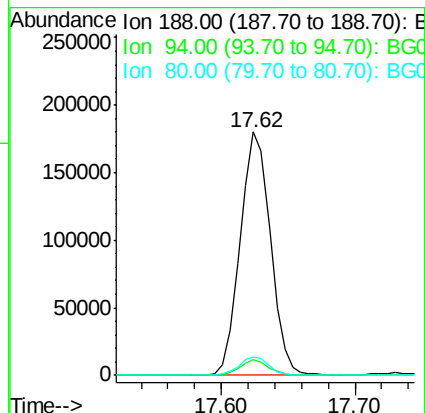
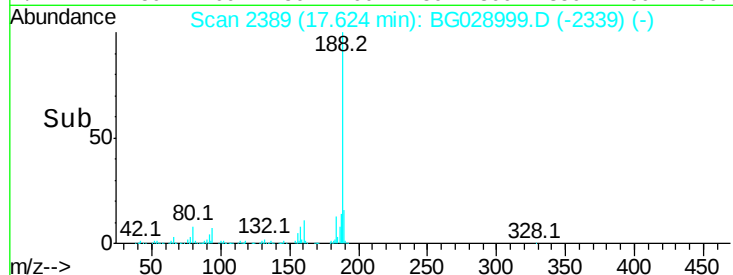
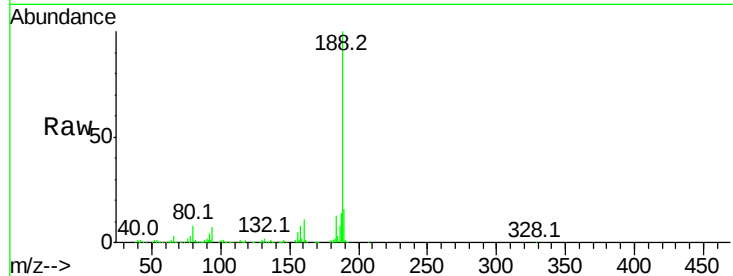
Tot Ion:188 Resp: 282385

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

80 7.6 7.5 11.3



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

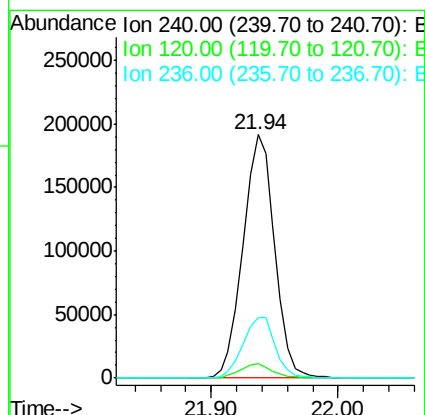
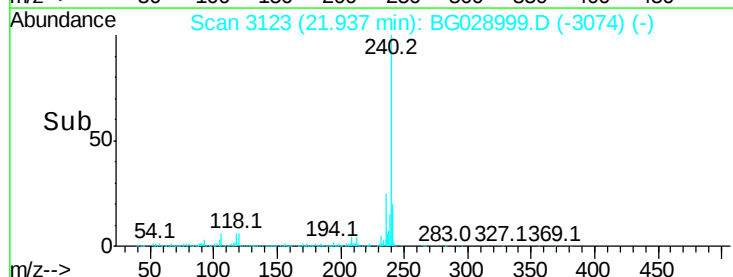
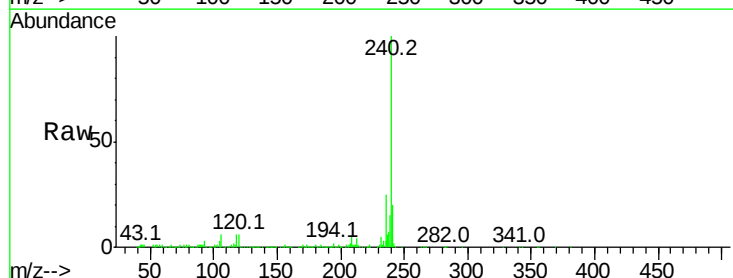
Tgt Ion:240 Resp: 330693

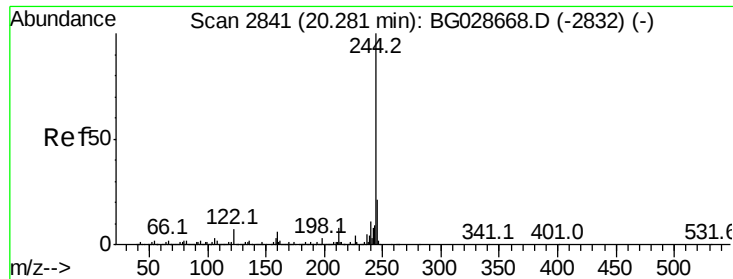
Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

236 24.9 22.2 33.4





#78

Terphenyl-d14

Concen: 92.532 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028999.D

Acq: 1 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

JC-03-092917-A

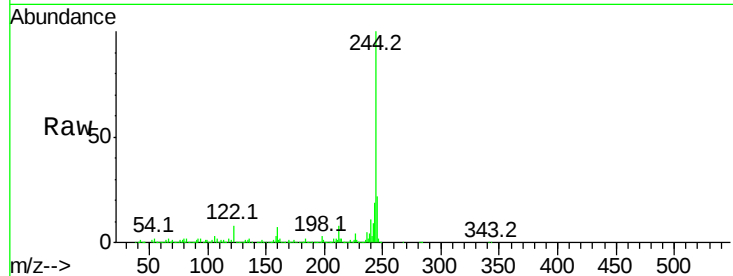
Tot Ion:244 Resp: 1434884

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.8	8.6	12.8#

244 100

212 7.8 10.0 15.0#

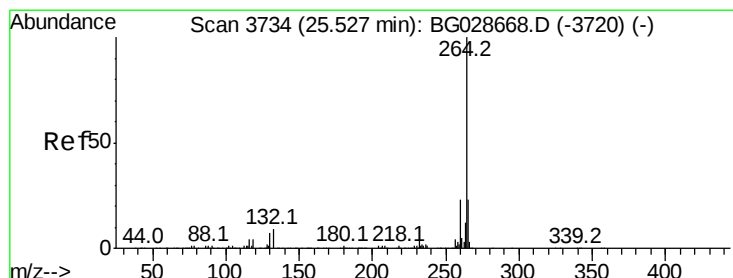
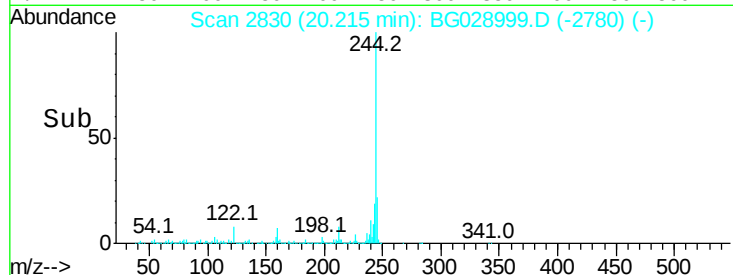
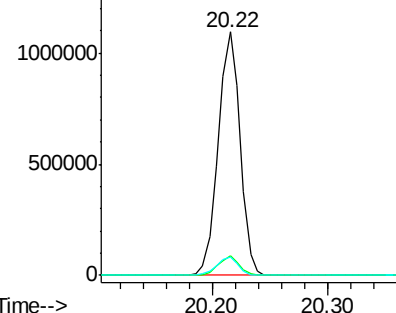
122 7.8 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: BG028999.D

Acq: 1 Oct 2017 3:59

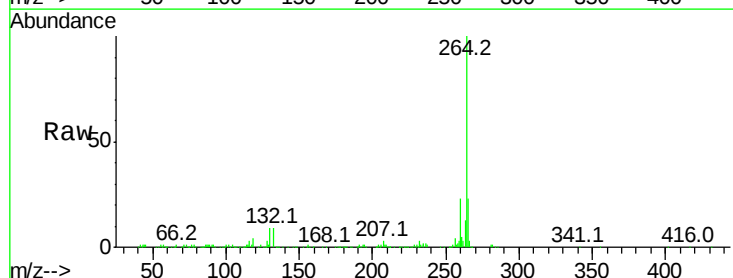
Tgt Ion:264 Resp: 345673

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.9	18.2	27.4

264 100

260 23.1 21.8 32.8

265 22.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

