

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031392.D
 Acq On : 7 Dec 2017 6:03
 Operator : SJ/JU
 Sample : I6683-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-120517-B

Quant Time: Dec 07 08:18:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

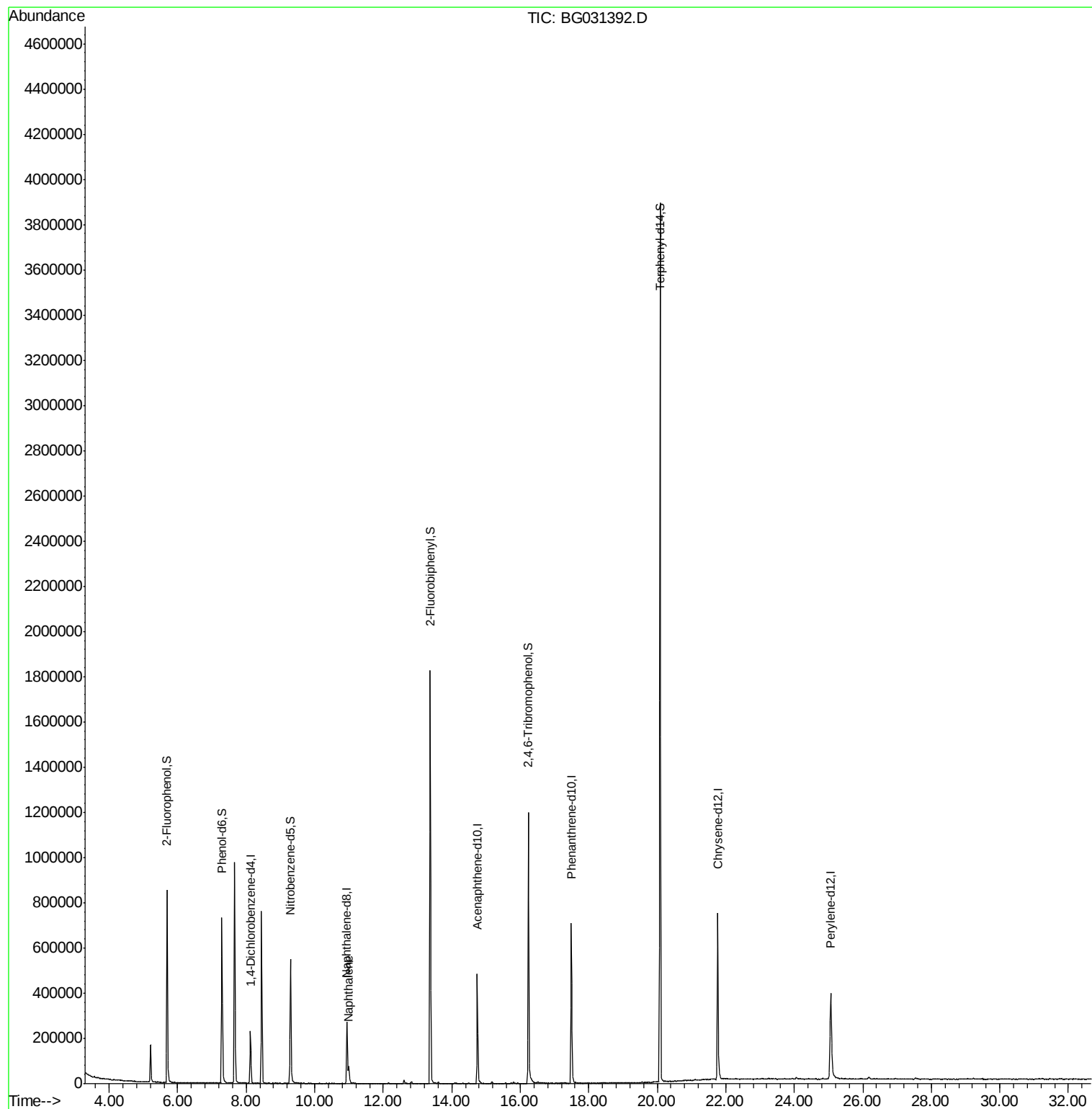
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	68379	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	290283	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	192025	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	504302	20.00	ng	0.00
75) Chrysene-d12	21.76	240	546490	20.00	ng	0.00
86) Perylene-d12	25.07	264	511306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	430166	107.87	ng	0.00
7) Phenol-d6	7.30	99	494547	92.06	ng	0.00
23) Nitrobenzene-d5	9.30	82	376575	76.87	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	266593	85.82	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1071851	80.20	ng	0.00
78) Terphenyl-d14	20.08	244	1922046	77.66	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	68792	4.821	ng	Qvalue 97

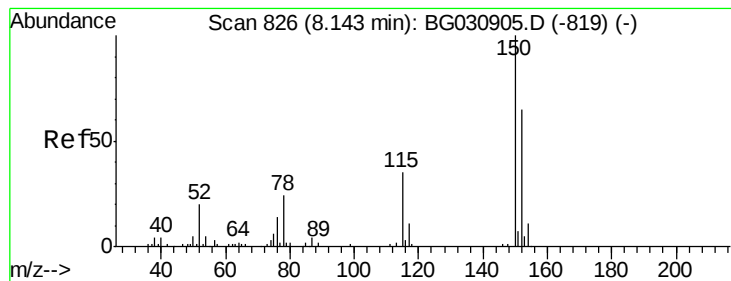
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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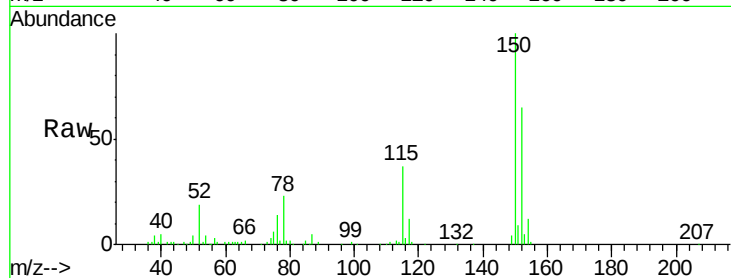


#1

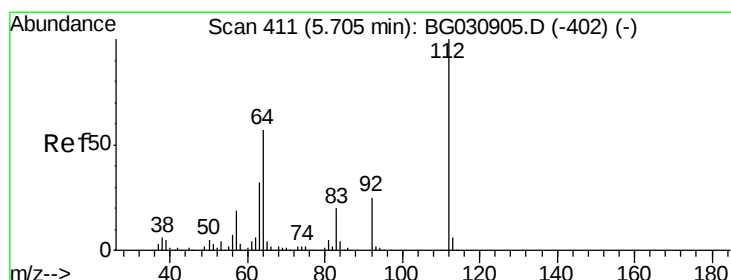
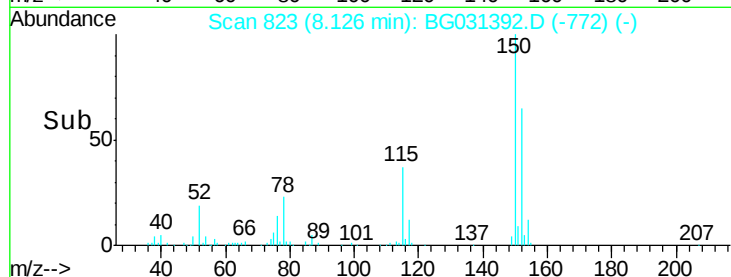
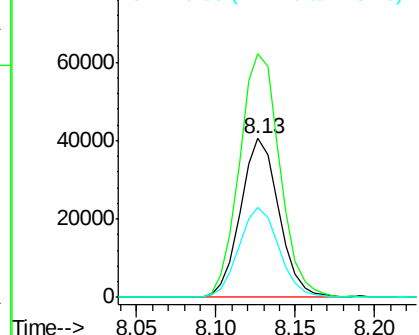
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031392.D
Acq: 7 Dec 2017 6:03

Instrument :
BNA_G
ClientSampleId :
EO-01-120517-B

Tot Ion:152 Resp: 68379
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 56.3 53.0 79.4



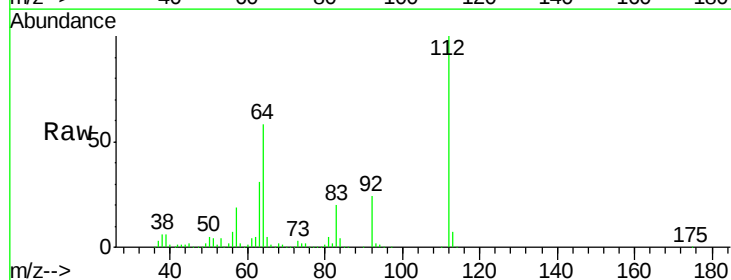
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



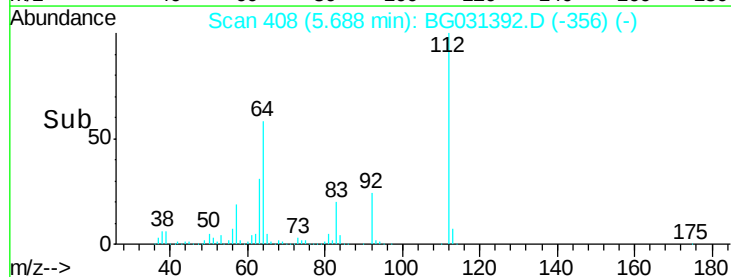
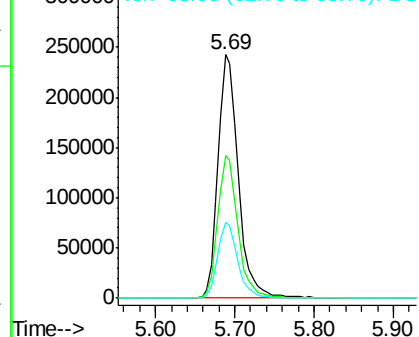
#5

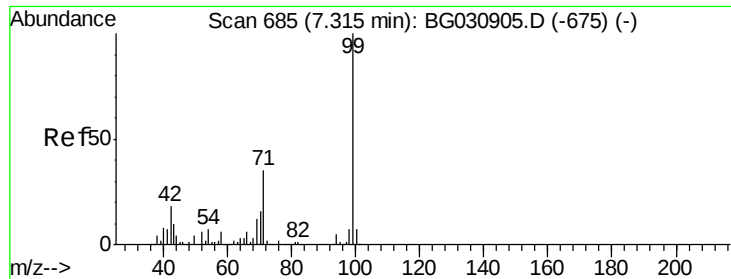
2-Fluorophenol
Concen: 107.874 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031392.D
Acq: 7 Dec 2017 6:03

Tgt Ion:112 Resp: 430166
Ion Ratio Lower Upper
112 100
64 58.5 56.3 84.5
63 31.0 30.1 45.1



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: 92.056 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031392.D

Acq: 7 Dec 2017 6:03

Instrument :

BNA_G

ClientSampleId :

EO-01-120517-B

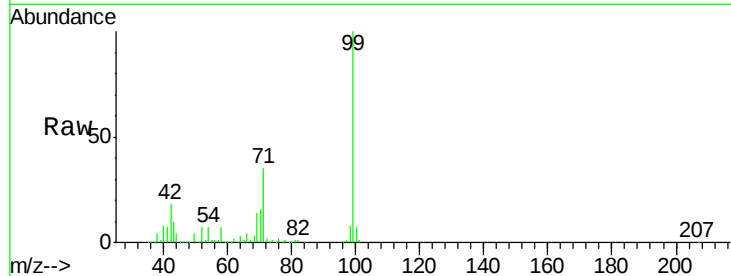
Tot Ion: 99 Resp: 494547

Ion Ratio Lower Upper

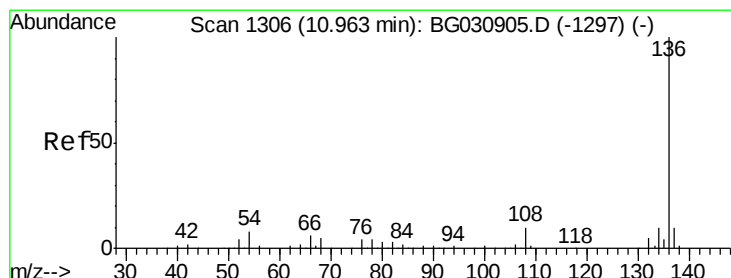
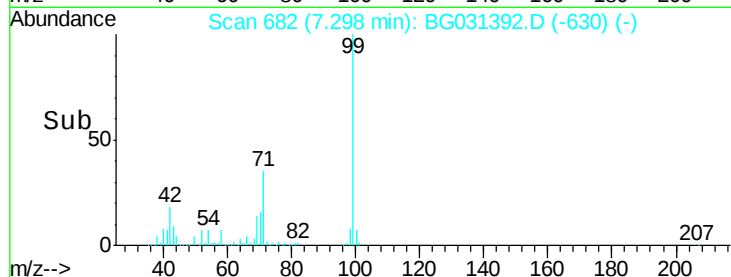
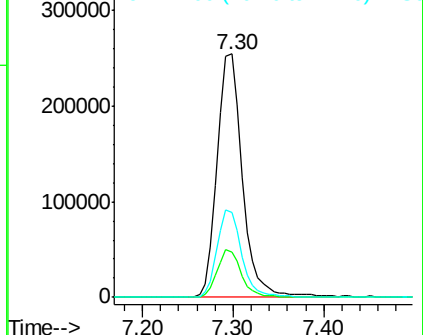
99 100

42 18.4 14.1 21.1

71 35.0 26.1 39.1



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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031392.D

Acq: 7 Dec 2017 6:03

Tgt Ion: 136 Resp: 290283

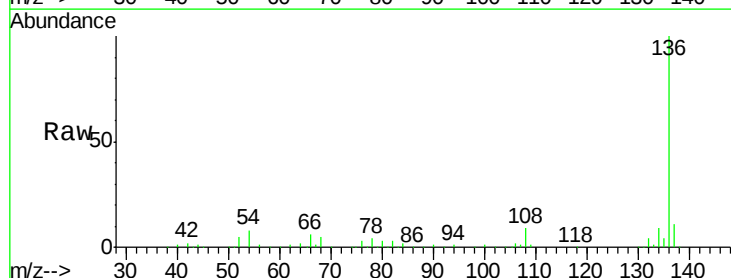
Ion Ratio Lower Upper

136 100

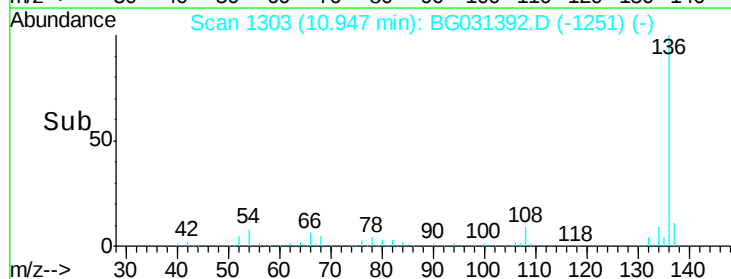
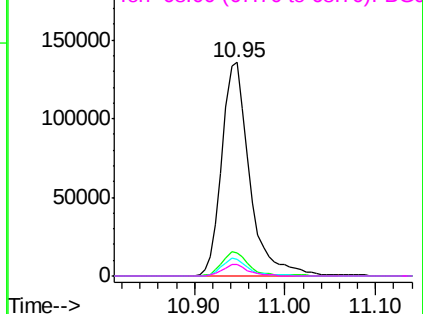
137 10.7 9.2 13.8

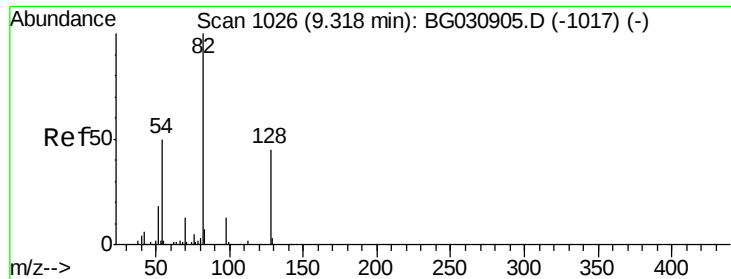
54 7.7 10.3 15.5#

68 5.4 4.5 6.7



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

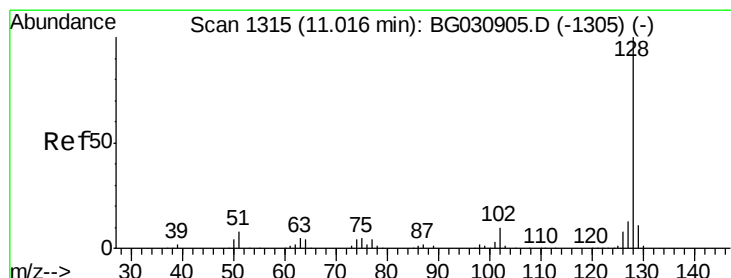
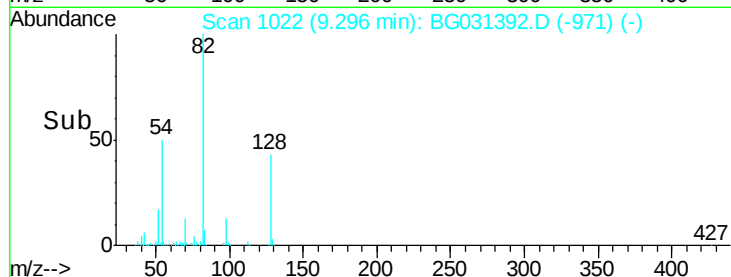
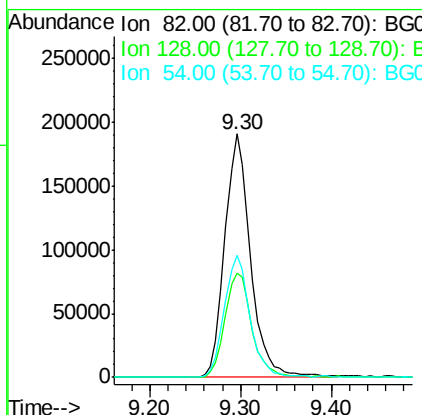
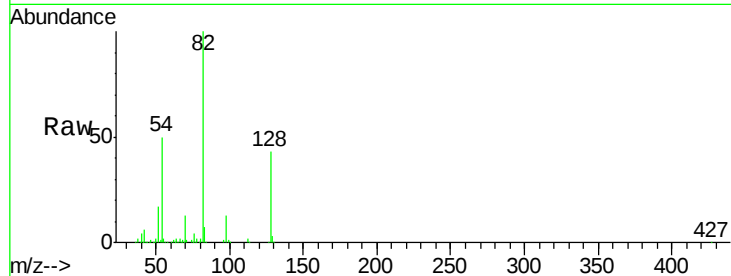




#23
Nitrobenzene-d5
Concen: 76.871 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031392.D
Acq: 7 Dec 2017 6:03

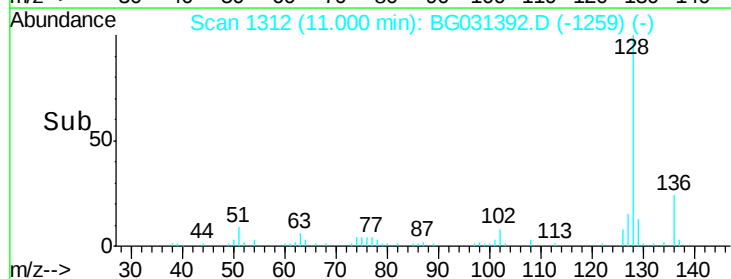
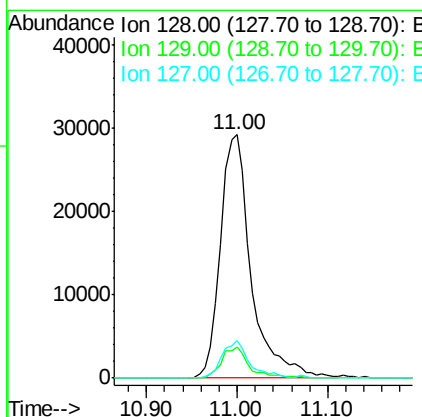
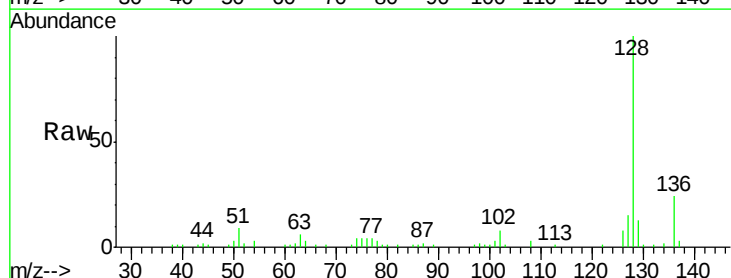
Instrument :
BNA_G
ClientSampleId :
EO-01-120517-B

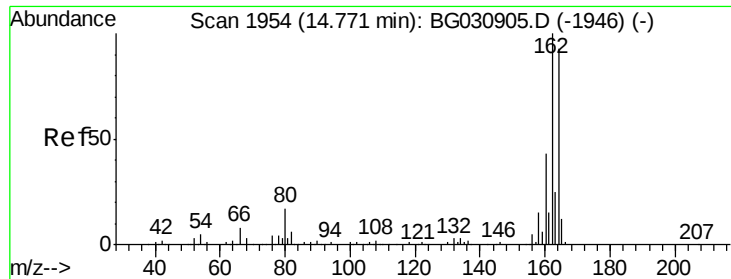
Tot Ion: 82 Resp: 376575
Ion Ratio Lower Upper
82 100
128 42.8 29.7 44.5
54 50.2 43.1 64.7



#31
Naphthalene
Concen: 4.821 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG031392.D
Acq: 7 Dec 2017 6:03

Tgt Ion: 128 Resp: 68792
Ion Ratio Lower Upper
128 100
129 12.6 8.6 12.8
127 15.4 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG031392.D

Acq: 7 Dec 2017 6:03

Instrument :

BNA_G

ClientSampleId :

EO-01-120517-B

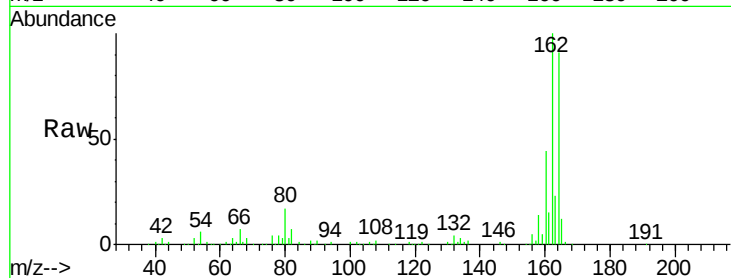
Tot Ion:164 Resp: 192025

Ion Ratio Lower Upper

164 100

162 109.5 78.8 118.2

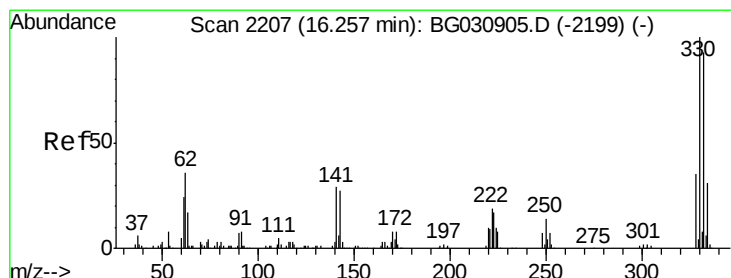
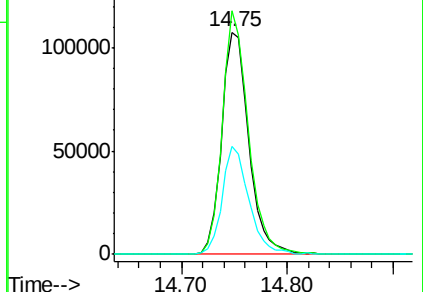
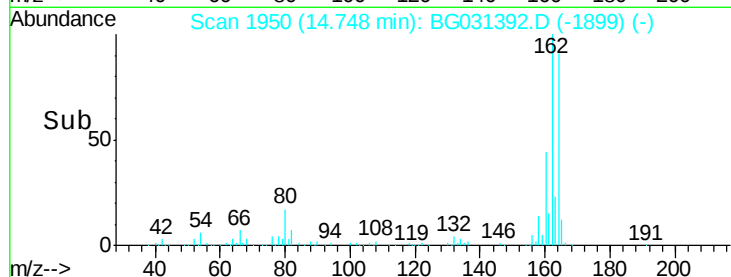
160 48.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 85.822 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031392.D

Acq: 7 Dec 2017 6:03

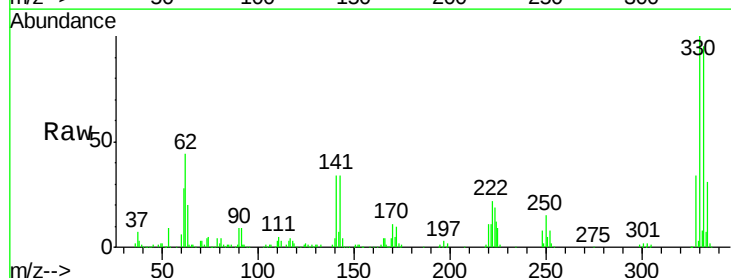
Tgt Ion:330 Resp: 266593

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

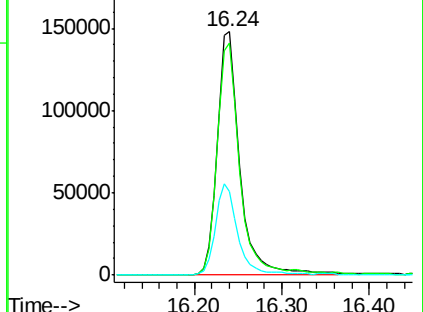
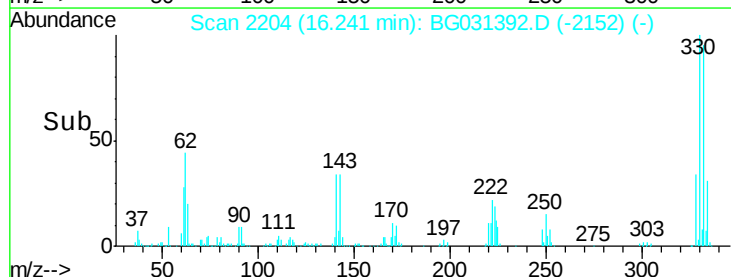
141 36.9 25.2 37.8

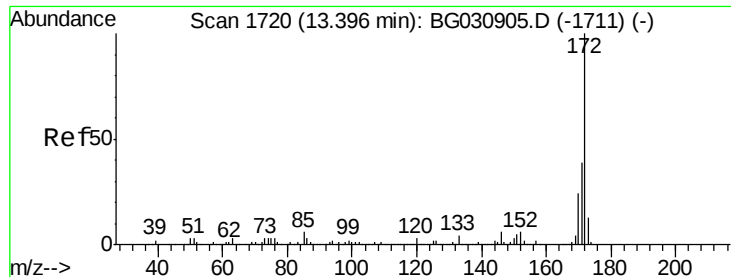


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

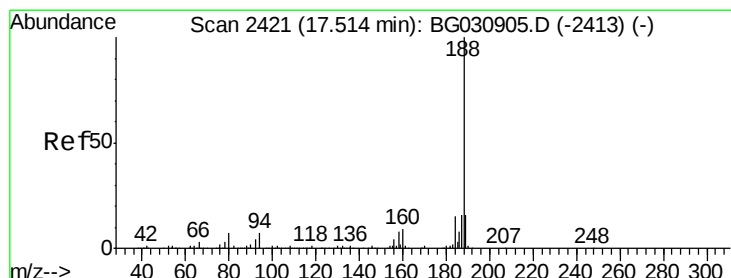
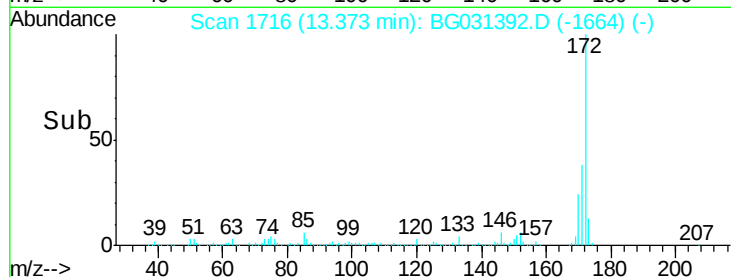
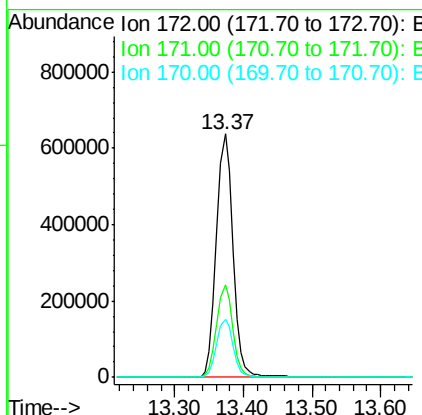
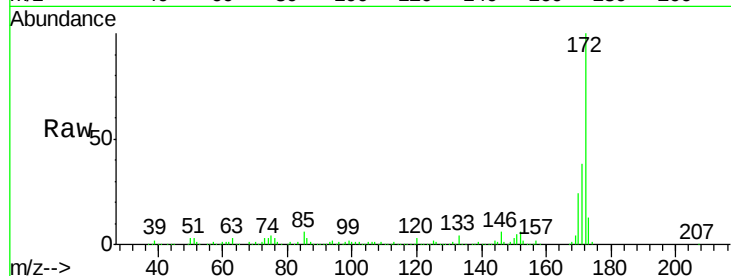




#44
 2-Fluorobiphenyl
 Concen: 80.205 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031392.D
 Acq: 7 Dec 2017 6:03

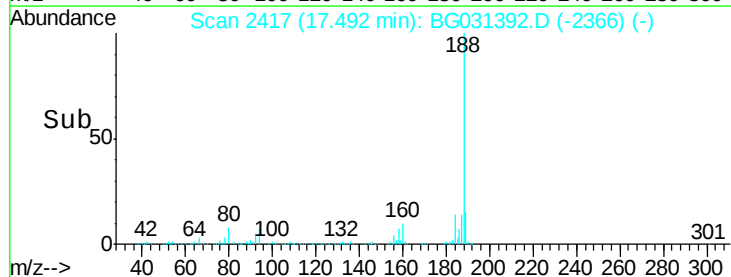
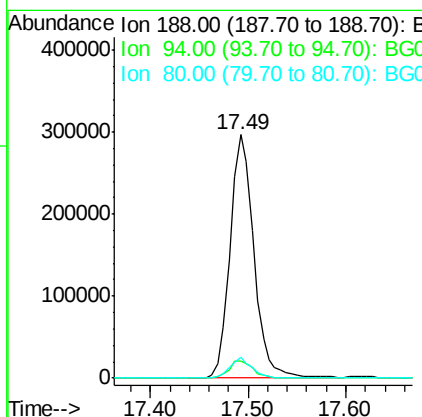
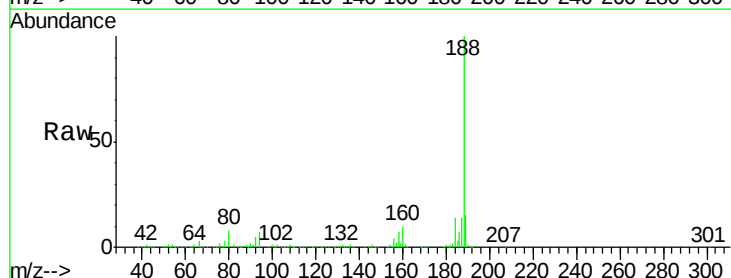
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-120517-B

Tot Ion:172 Resp: 1071851
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BG031392.D
 Acq: 7 Dec 2017 6:03

Tgt Ion:188 Resp: 504302
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3
 80 8.4 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG031392.D

Acq: 7 Dec 2017 6:03

Instrument :

BNA_G

ClientSampleId :

EO-01-120517-B

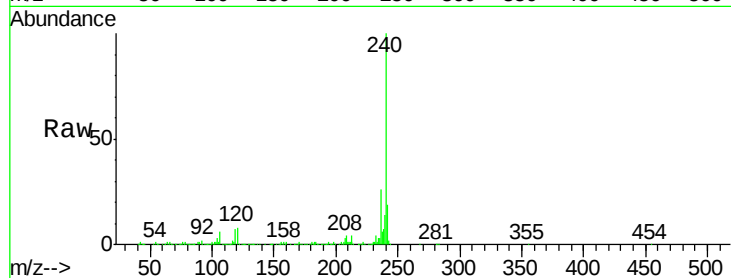
Tot Ion:240 Resp: 546490

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

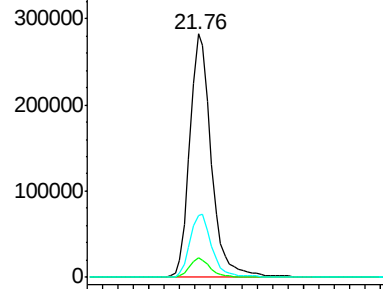
236 25.5 20.9 31.3



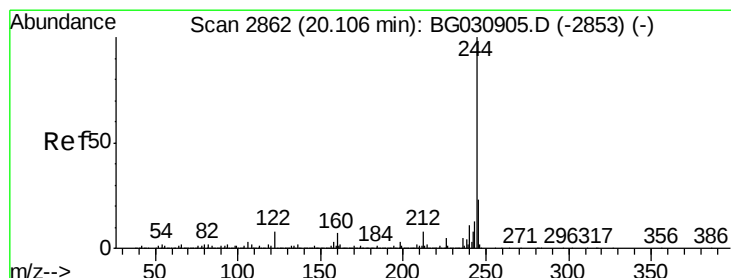
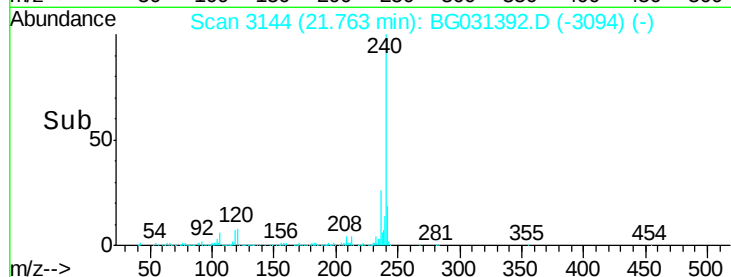
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 77.660 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031392.D

Acq: 7 Dec 2017 6:03

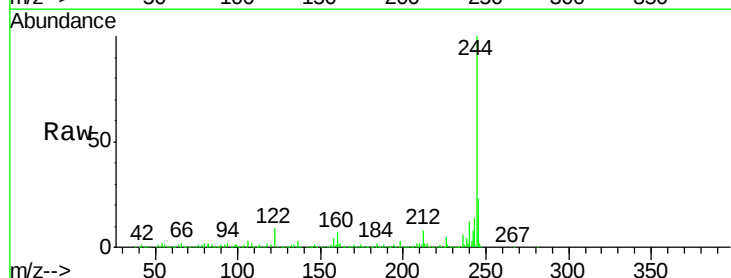
Tgt Ion:244 Resp: 1922046

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

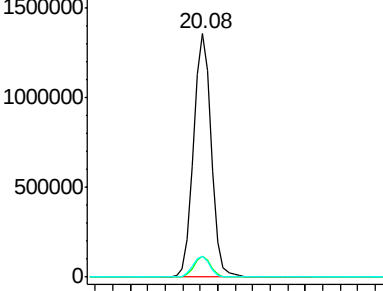
122 8.6 7.0 10.4



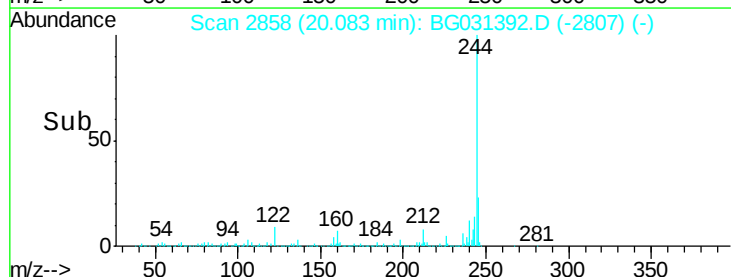
Abundance Ion 244.00 (243.70 to 244.70): E

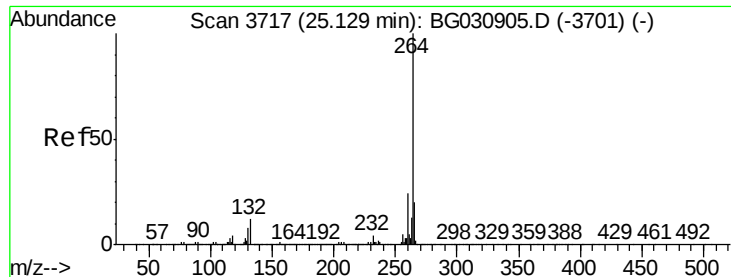
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

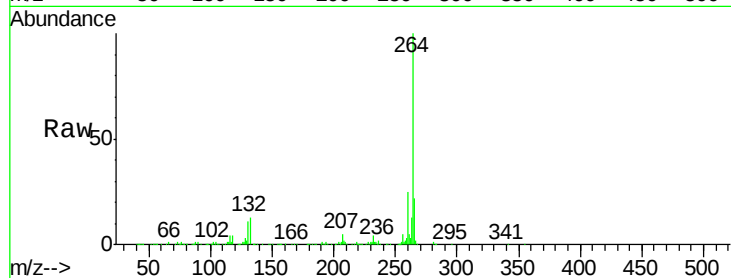




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG031392.D
Acq: 7 Dec 2017 6:03

Instrument :
BNA_G
ClientSampleId :
EO-01-120517-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	21.7	17.7	26.5



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

