

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017480.D
 Acq On : 5 Jun 2015 19:07
 Operator : TP/IZ
 Sample : G2505-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BE-1

Quant Time: Jun 05 22:56:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:50:24 2015
 Response via : Initial Calibration

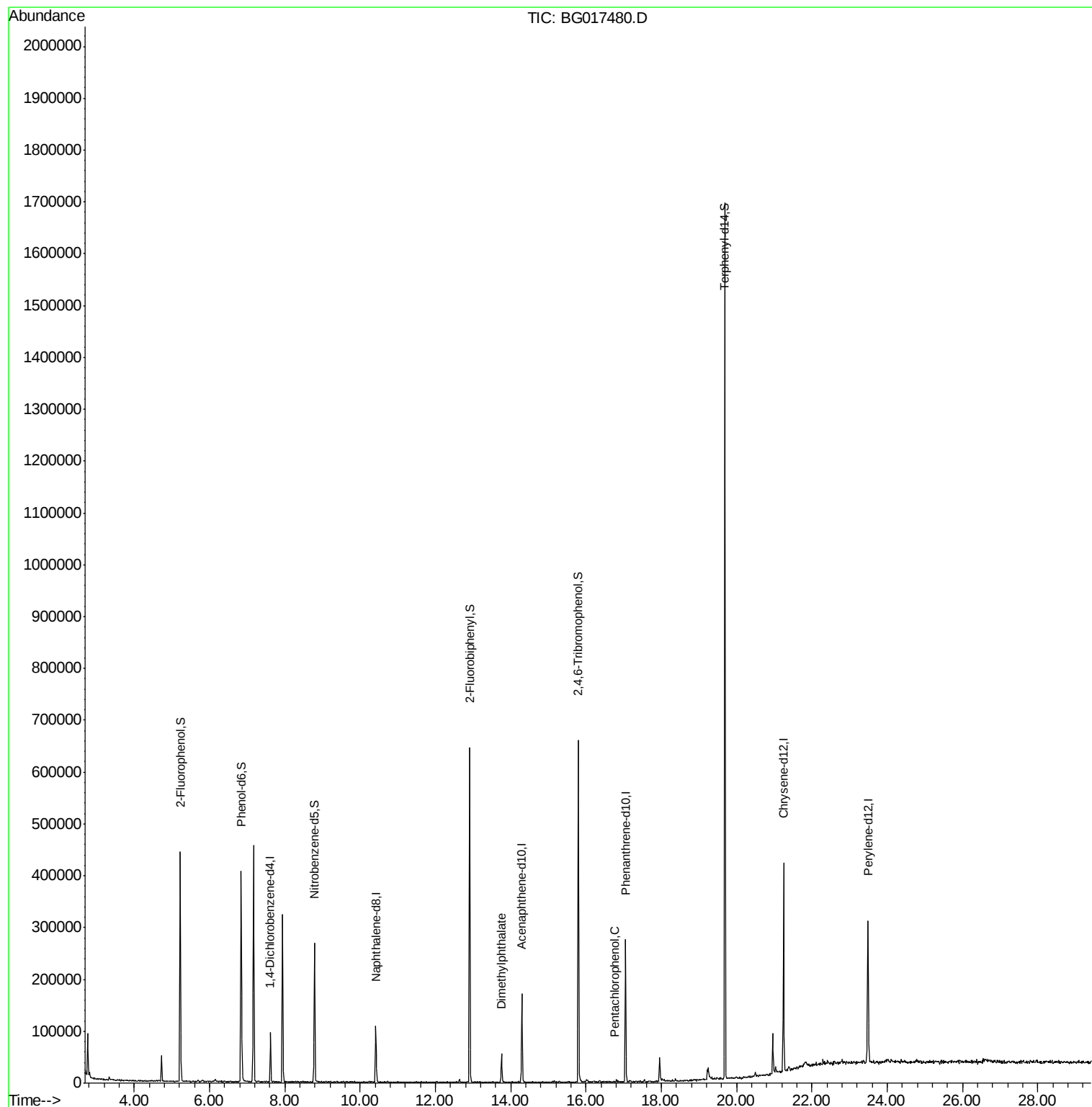
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	21945	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	82510	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	55194	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	139102	20.00	ng	0.00
75) Chrysene-d12	21.25	240	189075	20.00	ng	0.00
86) Perylene-d12	23.49	264	185569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	149277	119.84	ng	0.00
7) Phenol-d6	6.84	99	188469	111.06	ng	0.00
23) Nitrobenzene-d5	8.79	82	130509	78.96	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	98561	128.57	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	282176	77.12	ng	0.00
78) Terphenyl-d14	19.69	244	633055	69.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	32189	6.70	ng	# 94
69) Pentachlorophenol	16.75	266	65	5.56	ng	# 22

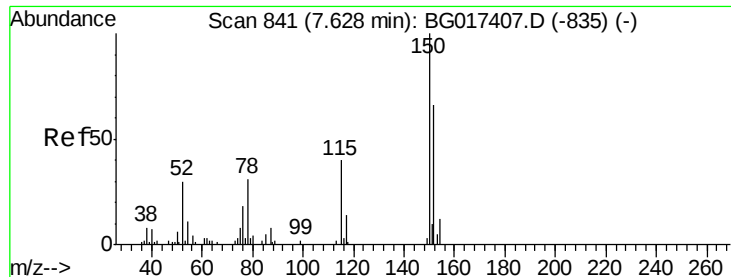
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampleId :
BE-1

Quant Time: Jun 05 22:56:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:50:24 2015
Response via : Initial Calibration



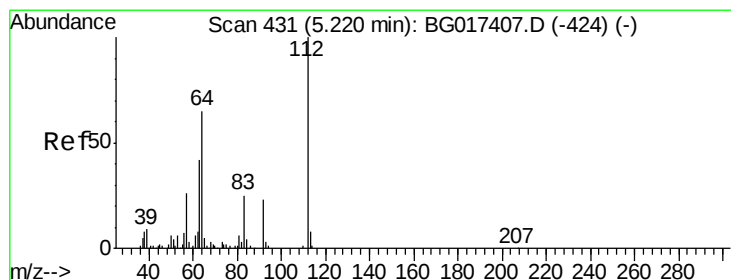
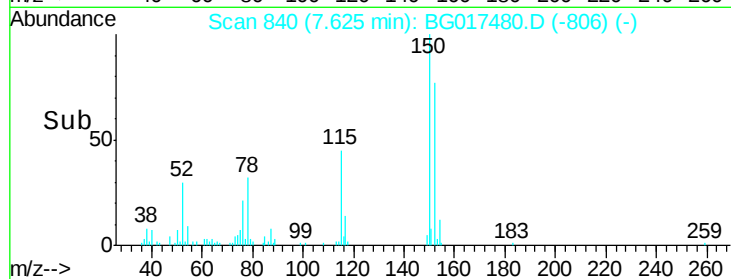
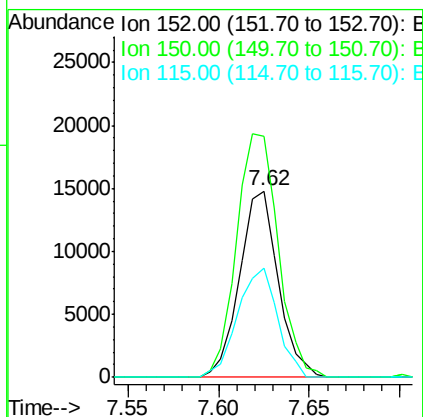
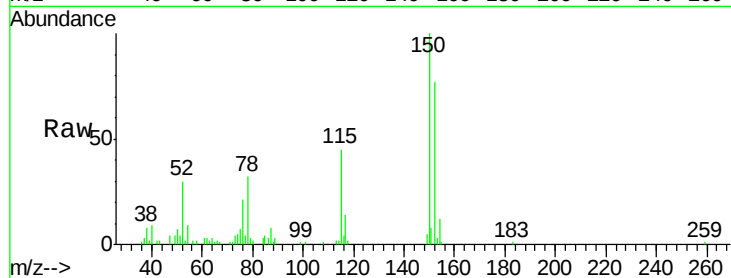


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG017480.D
Acq: 5 Jun 2015 19:07

Instrument :
BNA_G
ClientSampleId :
BE-1

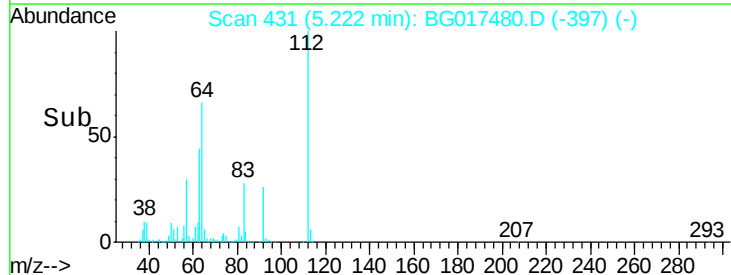
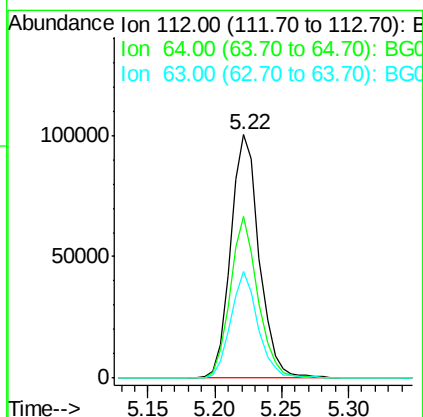
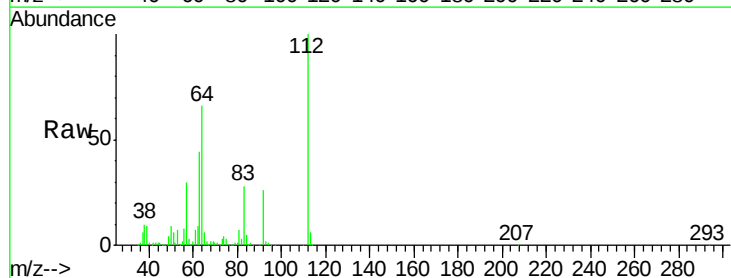
Tgt Ion:152 Resp: 21945
Ion Ratio Lower Upper
152 100
150 129.3 121.7 182.5
115 58.8 48.6 73.0



#5

2-Fluorophenol
Concen: 119.84 ng
RT: 5.22 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG017480.D
Acq: 5 Jun 2015 19:07

Tgt Ion:112 Resp: 149277
Ion Ratio Lower Upper
112 100
64 66.2 51.6 77.4
63 43.6 33.3 49.9





#7

Phenol-d6

Concen: 111.06 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

BE-1

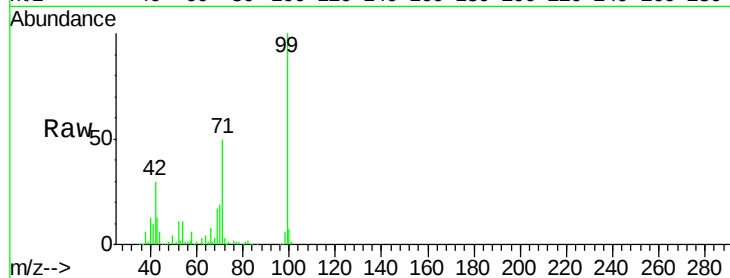
Tgt Ion: 99 Resp: 188469

Ion Ratio Lower Upper

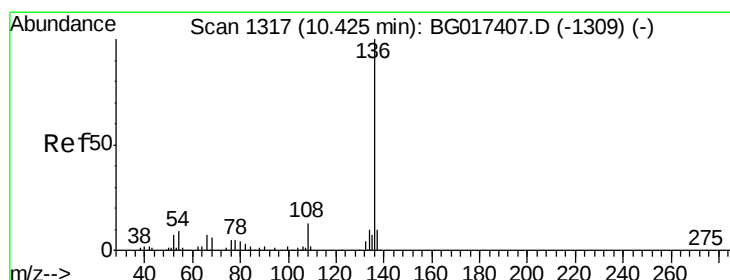
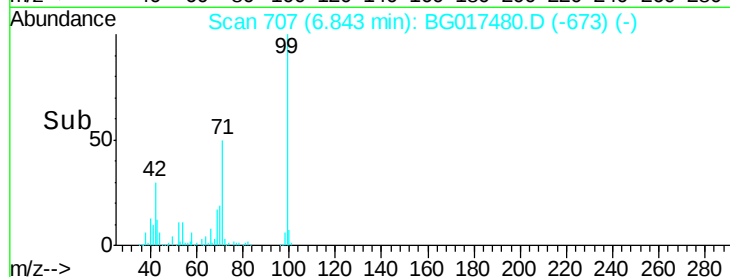
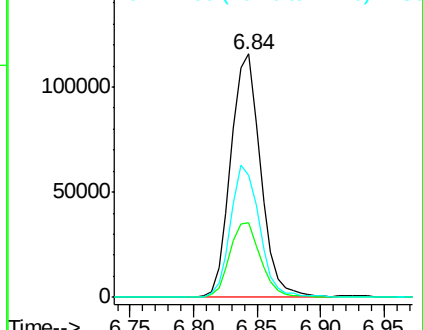
99 100

42 30.4 21.0 31.6

71 49.9 37.2 55.8



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: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Tgt Ion: 136 Resp: 82510

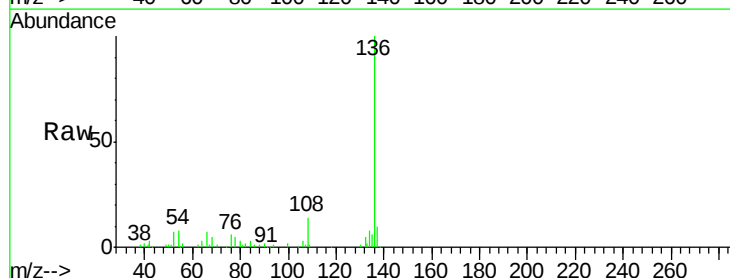
Ion Ratio Lower Upper

136 100

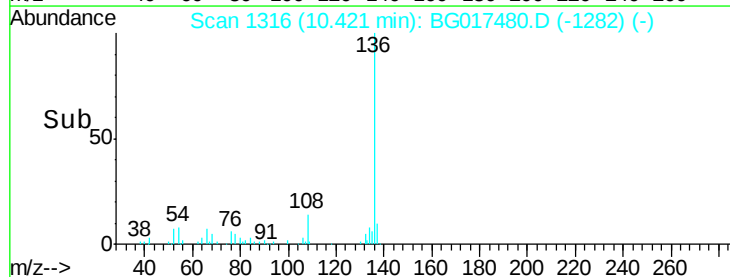
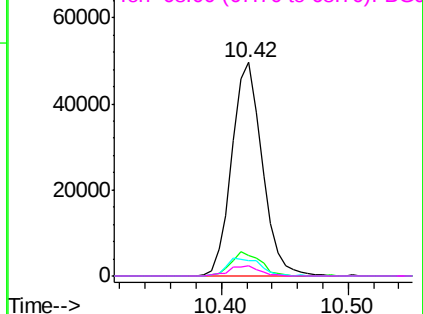
137 9.7 7.9 11.9

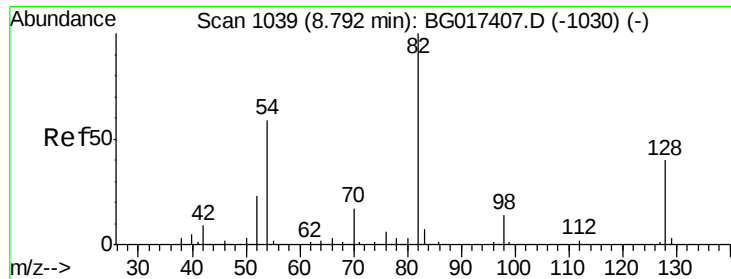
54 7.5 7.2 10.8

68 4.9 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

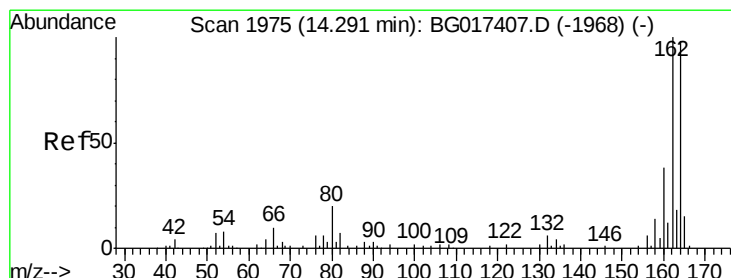
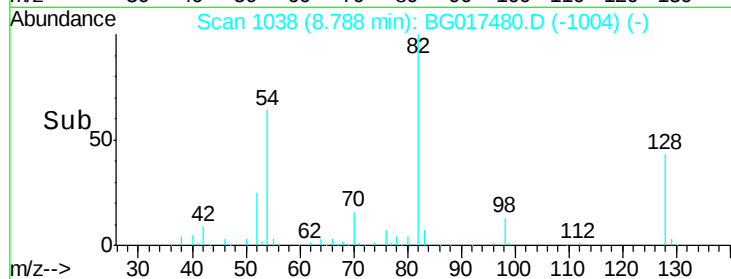
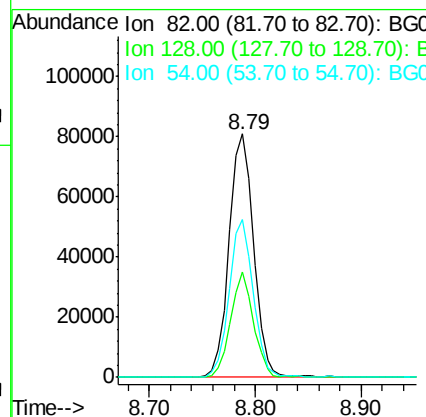
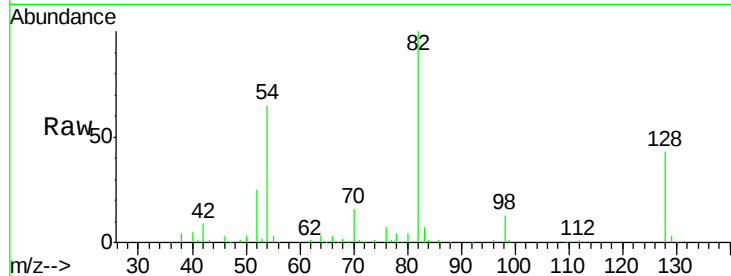




#23
 Nitrobenzene-d5
 Concen: 78.96 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG017480.D
 Acq: 5 Jun 2015 19:07

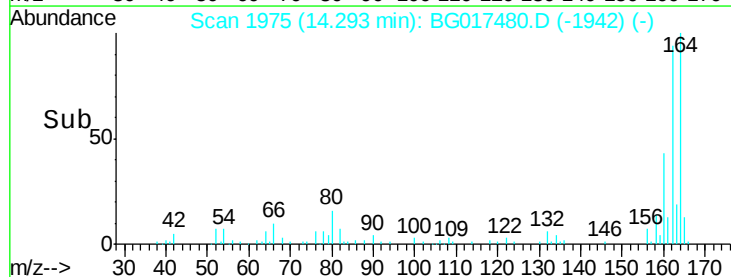
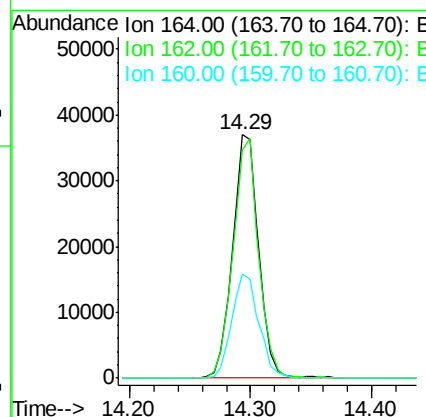
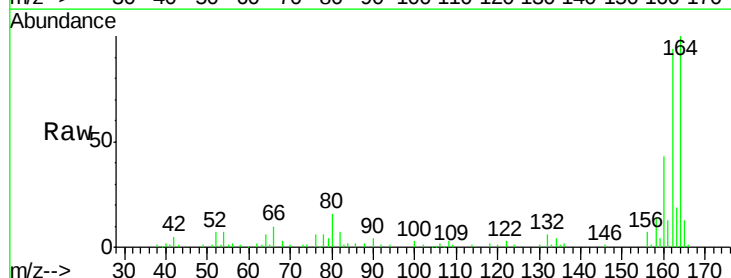
Instrument :
 BNA_G
 ClientSampled :
 BE-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.2	48.4
54	64.7	47.4	71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG017480.D
 Acq: 5 Jun 2015 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.8	81.8	122.6
160	42.5	31.0	46.4

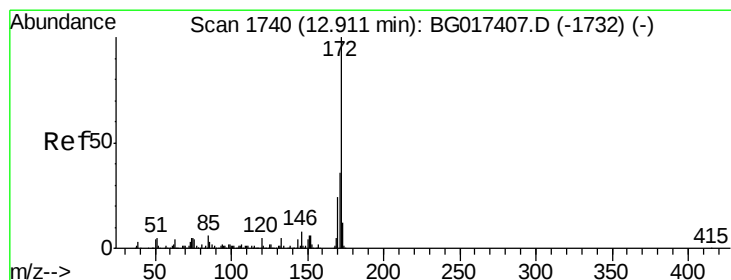
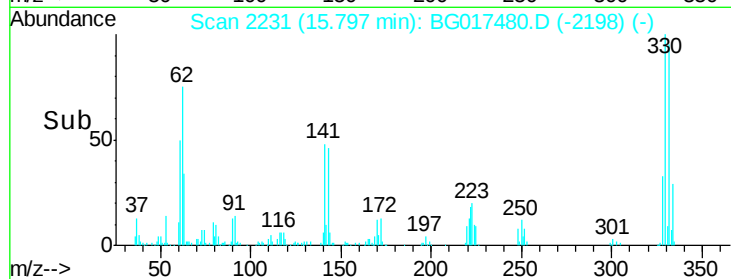
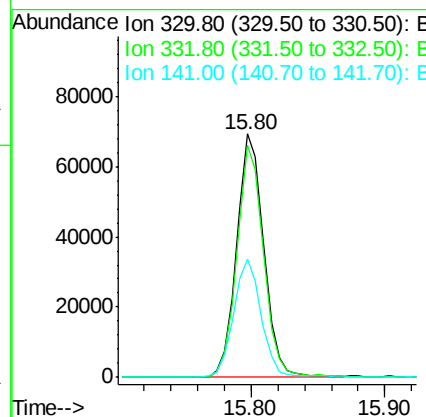
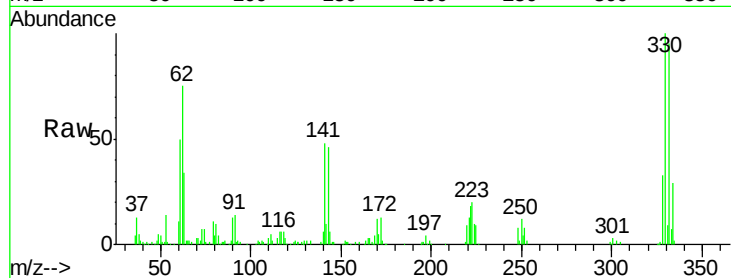




#41
 2,4,6-Tribromophenol
 Concen: 128.57 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG017480.D
 Acq: 5 Jun 2015 19:07

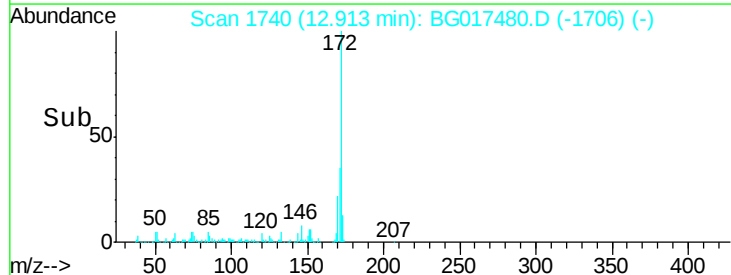
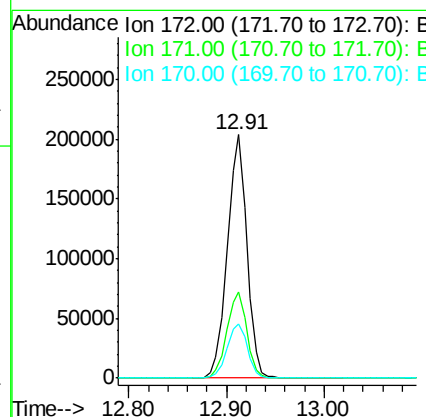
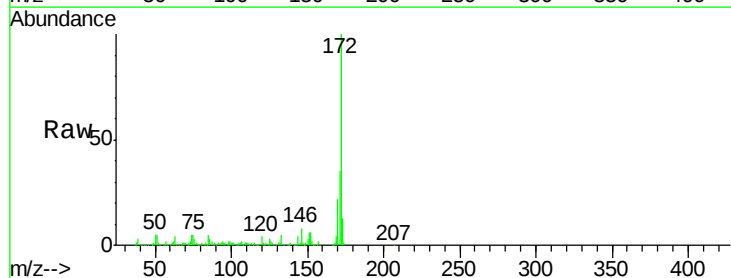
Instrument :
 BNA_G
 ClientSampleId :
 BE-1

Tgt Ion:330 Resp: 98561
 Ion Ratio Lower Upper
 330 100
 332 93.9 75.9 113.9
 141 49.3 40.2 60.4



#44
 2-Fluorobiphenyl
 Concen: 77.12 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG017480.D
 Acq: 5 Jun 2015 19:07

Tgt Ion:172 Resp: 282176
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 22.4 18.9 28.3





#49

Dimethylphthalate

Concen: 6.70 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

BE-1

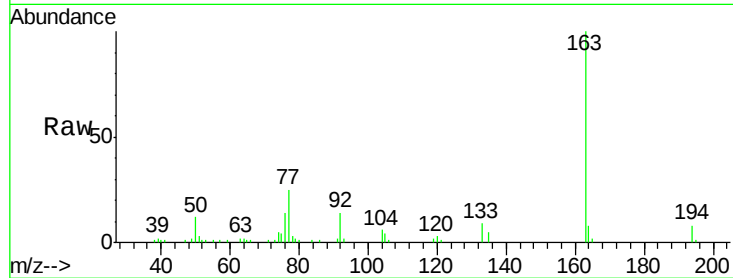
Tgt Ion:163 Resp: 32189

Ion Ratio Lower Upper

163 100

194 8.1 4.9 7.3#

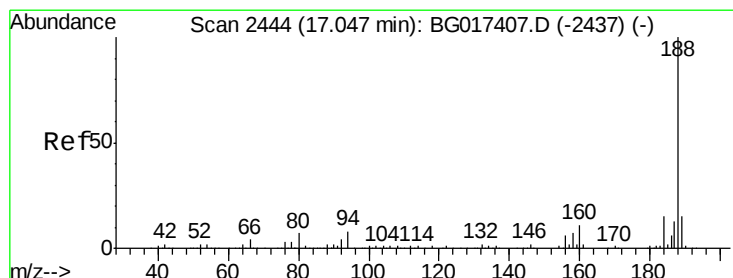
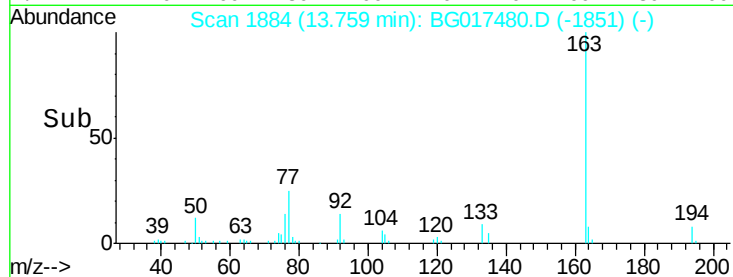
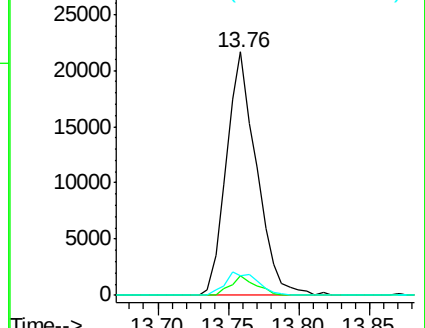
164 7.9 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

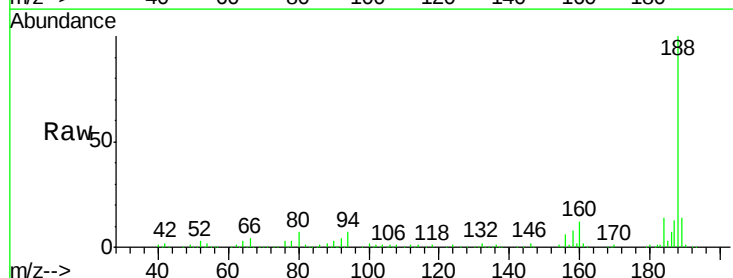
Tgt Ion:188 Resp: 139102

Ion Ratio Lower Upper

188 100

94 7.1 6.3 9.5

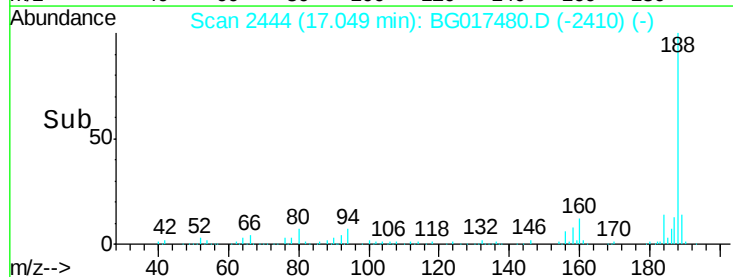
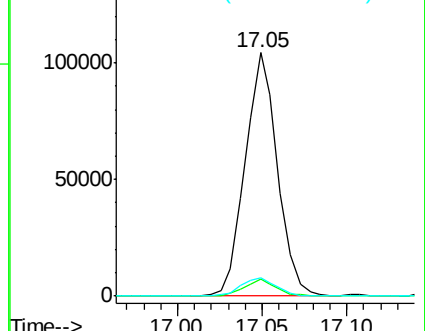
80 7.4 5.2 7.8

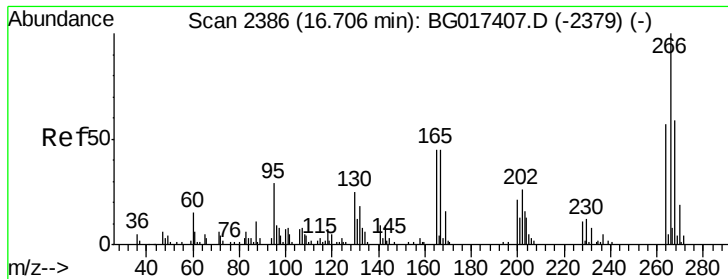


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#69

Pentachlorophenol

Concen: 5.56 ng

RT: 16.75 min Scan# 2393

Delta R.T. 0.03 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

BE-1

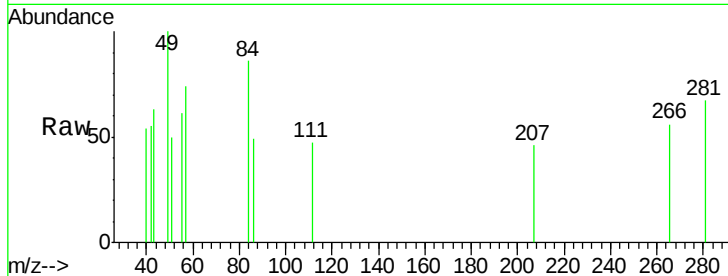
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 0.0 47.0 70.6#

264 0.0 45.7 68.5#



Abundance Ion 265.70 (265.40 to 266.40): E

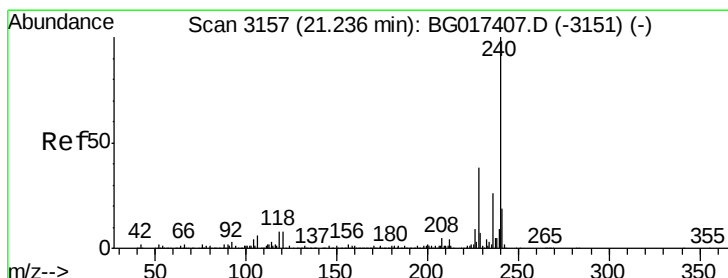
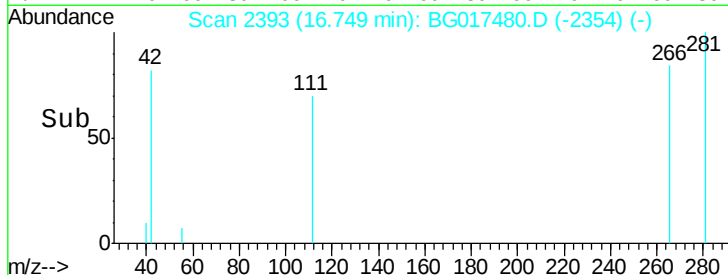
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.75

16.74 16.76

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

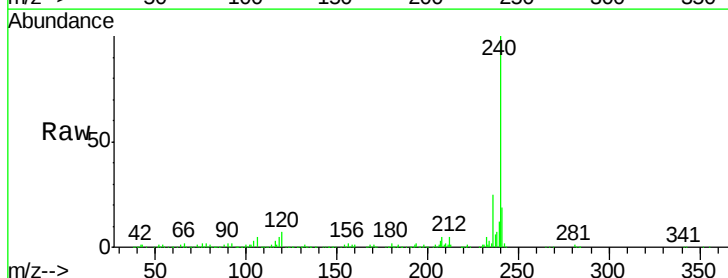
Tgt Ion:240 Resp: 189075

Ion Ratio Lower Upper

240 100

120 6.8 6.5 9.7

236 24.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

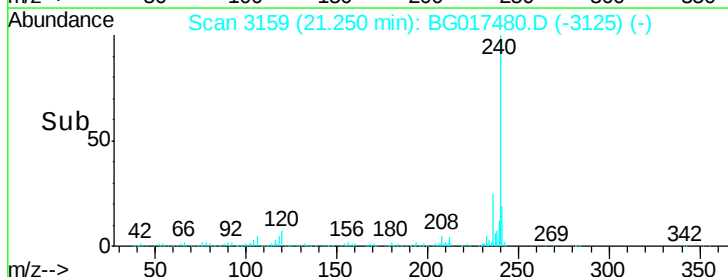
Ion 120.00 (119.70 to 120.70): E

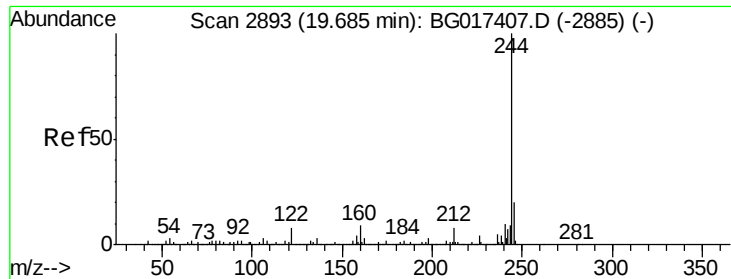
Ion 236.00 (235.70 to 236.70): E

21.25

21.20 21.30

Time-->





#78

Terphenyl-d14

Concen: 69.20 ng

RT: 19.69 min Scan# 2894

Delta R.T. 0.00 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

Instrument :

BNA_G

ClientSampleId :

BE-1

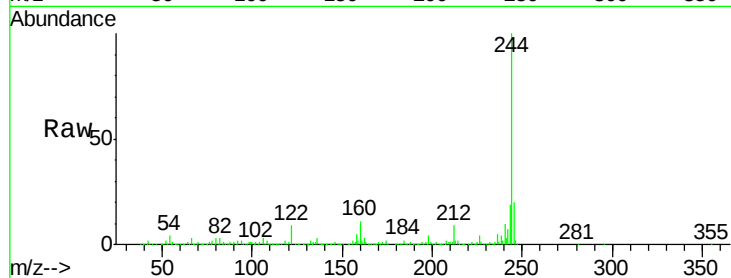
Tgt Ion:244 Resp: 633055

Ion Ratio Lower Upper

244 100

212 8.7 6.4 9.6

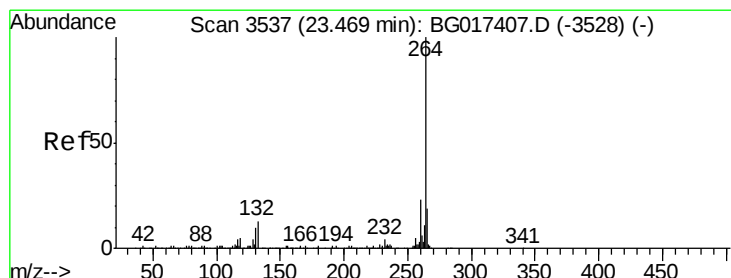
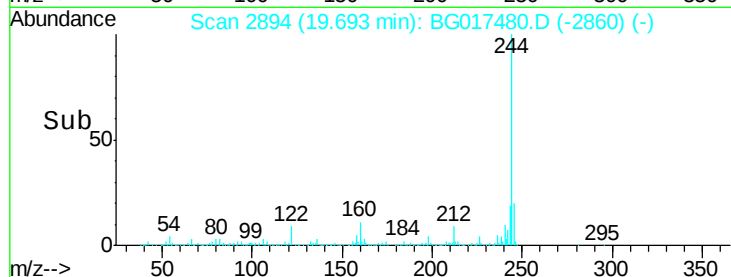
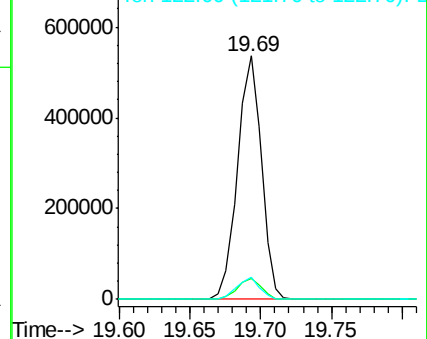
122 9.1 6.6 10.0



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: 20.00 ng

RT: 23.49 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BG017480.D

Acq: 5 Jun 2015 19:07

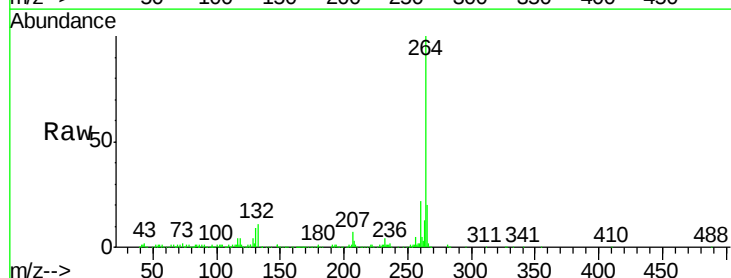
Tgt Ion:264 Resp: 185569

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 20.5 15.8 23.6



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

