

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041816\
 Data File : BG021736.D
 Acq On : 18 Apr 2016 12:25
 Operator : UM/SJ
 Sample : H2480-01RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANKRE

Quant Time: Apr 18 13:23:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

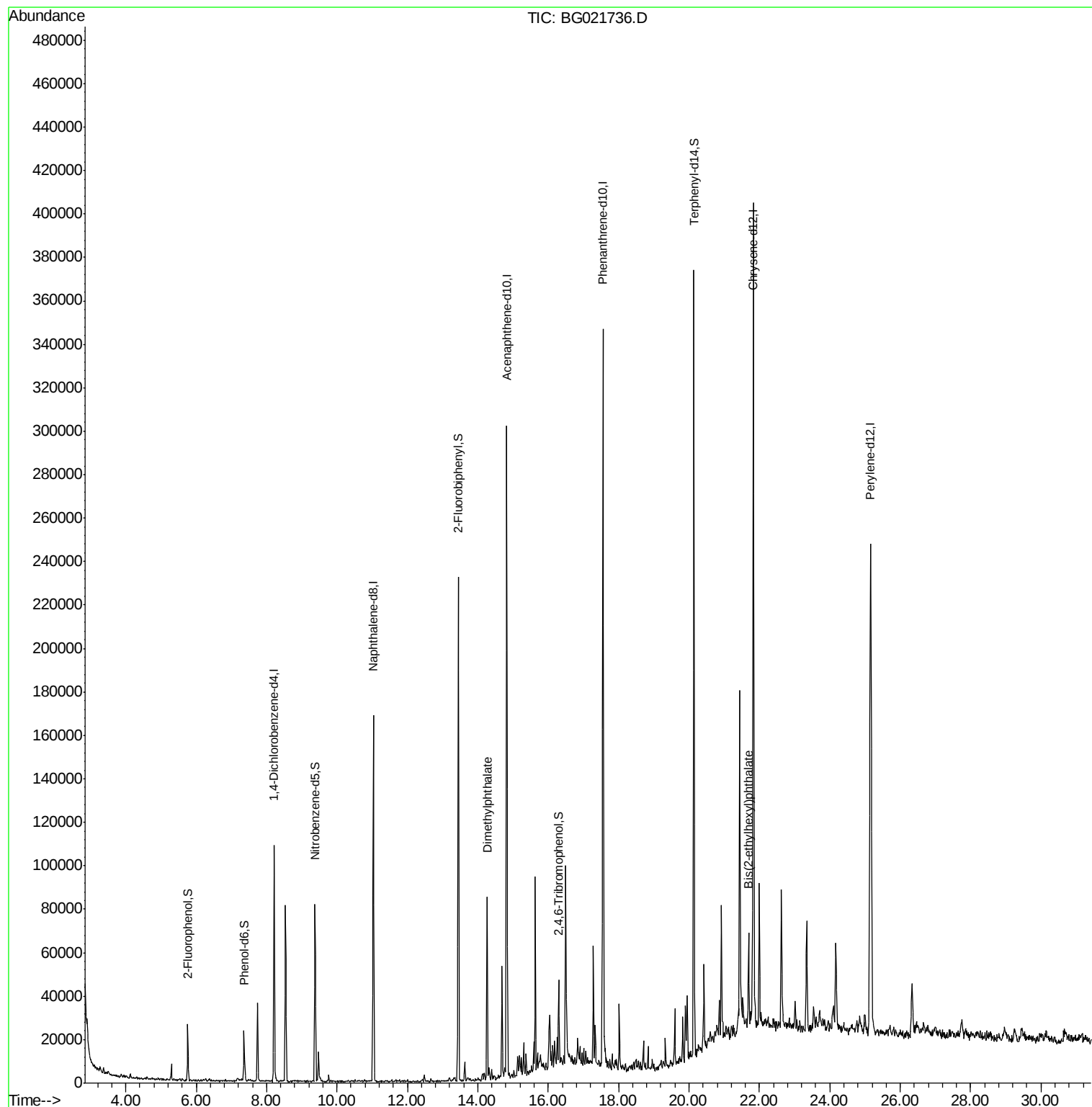
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29931	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	149047	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	102026	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	209566	20.00	ng	0.00
75) Chrysene-d12	21.83	240	230642	20.00	ng	0.00
86) Perylene-d12	25.16	264	231101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	11469	6.38	ng	0.00
7) Phenol-d6	7.37	99	14908	5.55	ng	0.00
23) Nitrobenzene-d5	9.38	82	51562	17.78	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	7341	6.68	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	121323	17.42	ng	0.00
78) Terphenyl-d14	20.14	244	155649	16.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	55011	6.24	ng	# 98
83) Bis(2-ethylhexyl)phthalate	21.69	149	18354	2.03	ng	# 98

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

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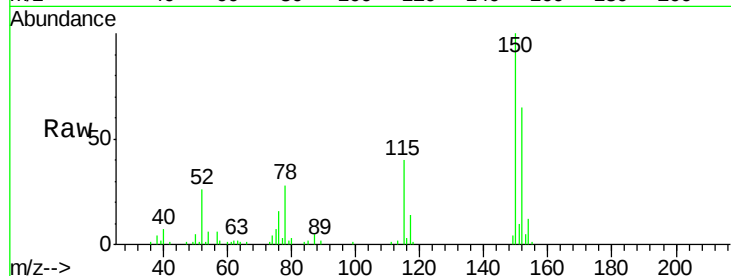


#1

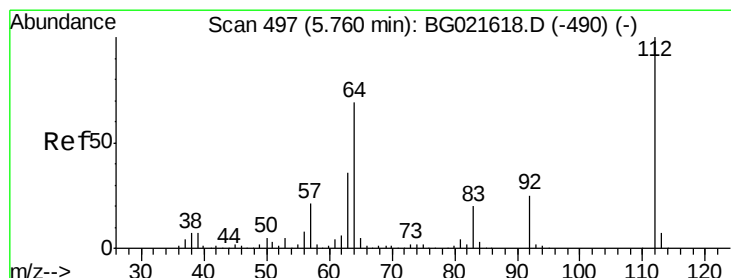
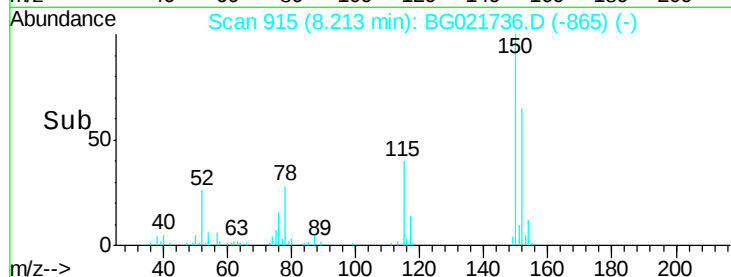
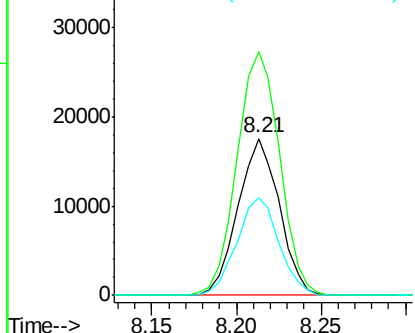
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANKRE

Tgt Ion:152 Resp: 29931
 Ion Ratio Lower Upper
 152 100
 150 154.9 130.1 195.1
 115 62.2 62.2 93.2



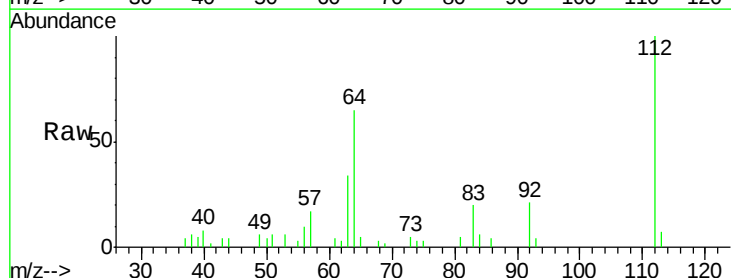
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



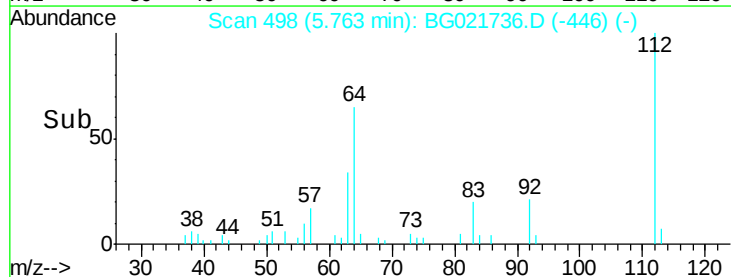
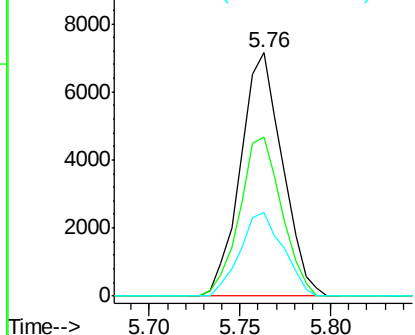
#5

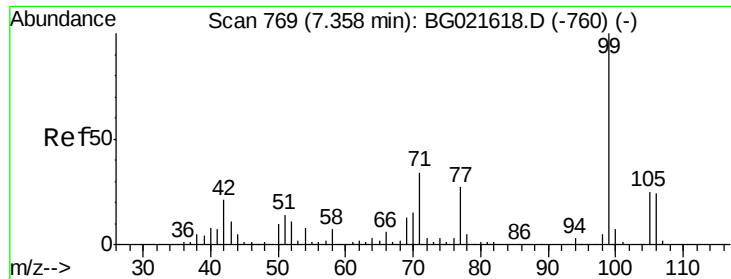
2-Fluorophenol
 Concen: 6.38 ng
 RT: 5.76 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

Tgt Ion:112 Resp: 11469
 Ion Ratio Lower Upper
 112 100
 64 65.2 51.1 76.7
 63 34.3 24.6 37.0



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: 5.55 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021736.D

Acq: 18 Apr 2016 12:25

Instrument :

BNA_G

ClientSampleId :

FRAC-TANKRE

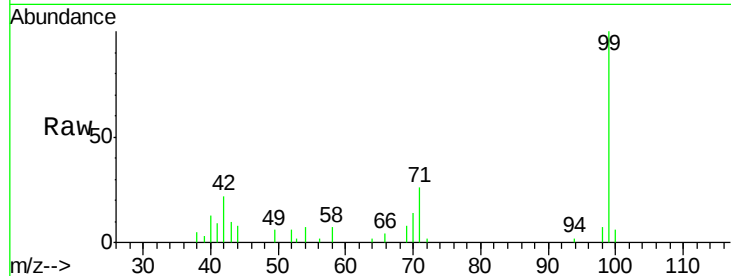
Tgt Ion: 99 Resp: 14908

Ion Ratio Lower Upper

99 100

42 22.2 16.4 24.6

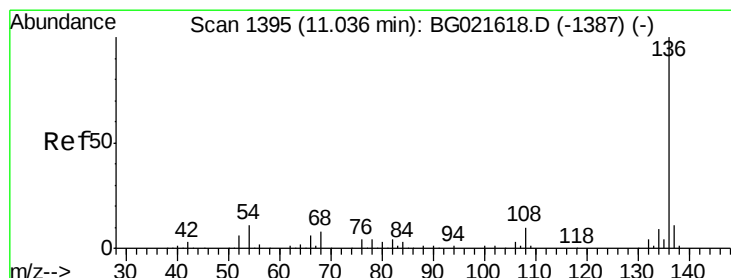
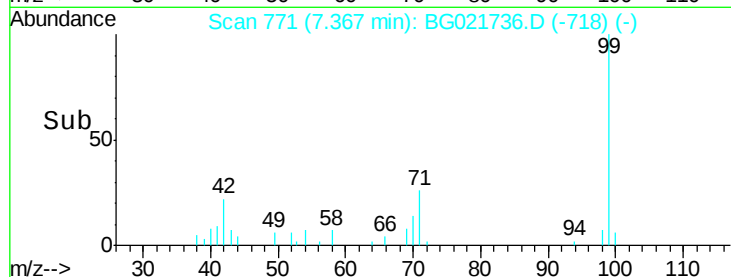
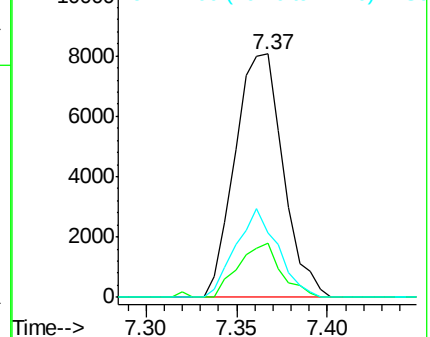
71 26.4 25.0 37.4



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: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021736.D

Acq: 18 Apr 2016 12:25

Tgt Ion: 136 Resp: 149047

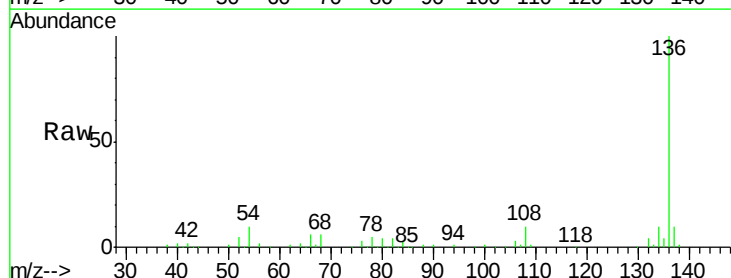
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 10.0 9.6 14.4

68 6.3 6.4 9.6#

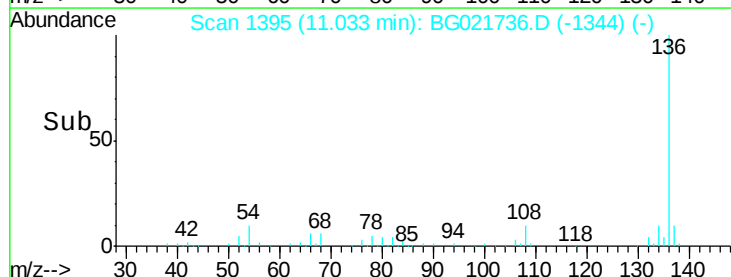
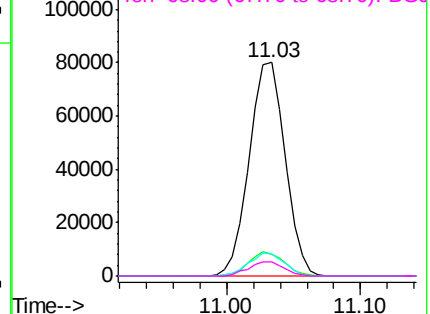


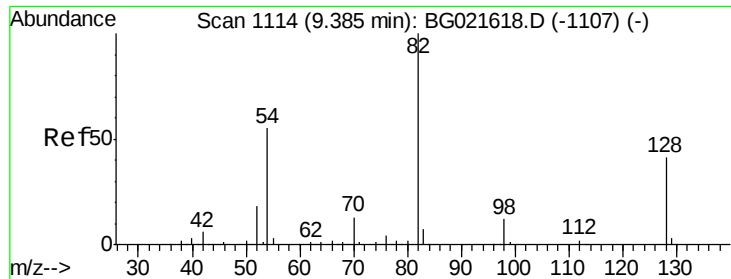
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

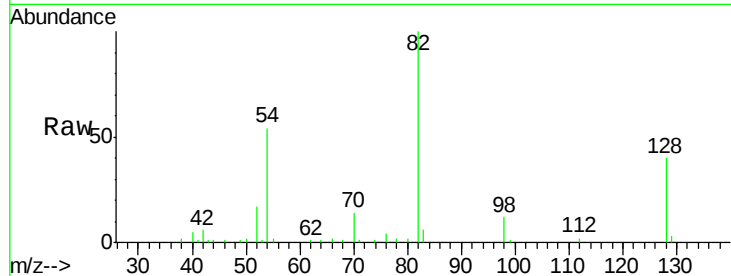




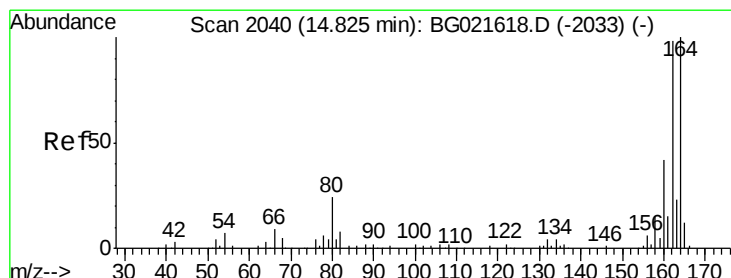
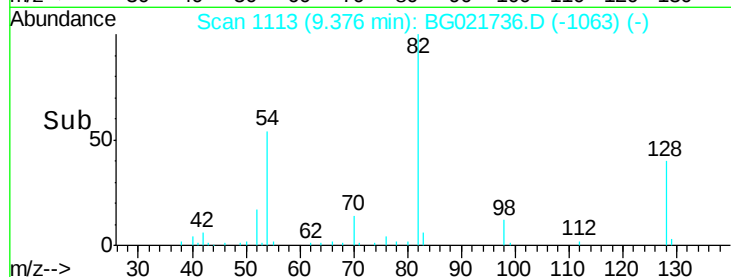
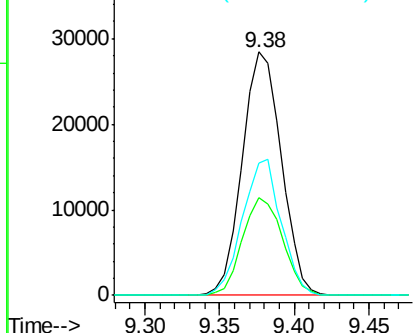
#23
 Nitrobenzene-d5
 Concen: 17.78 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANKRE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.4	50.0
54	54.2	46.1	69.1

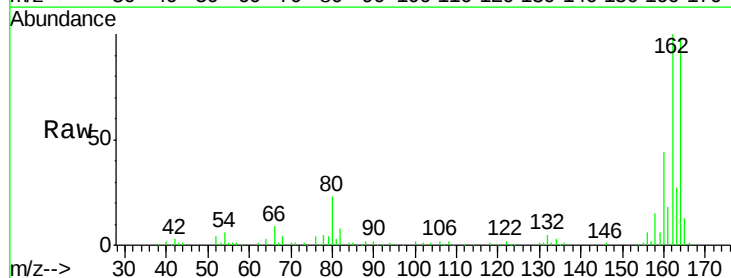


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

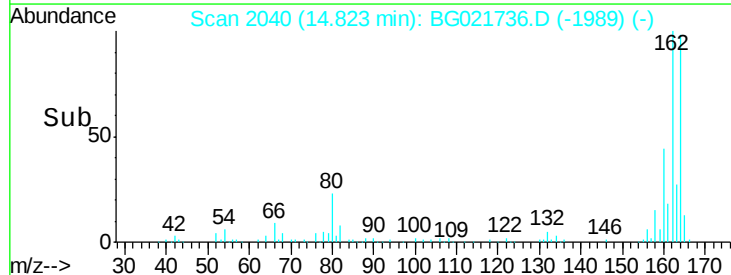
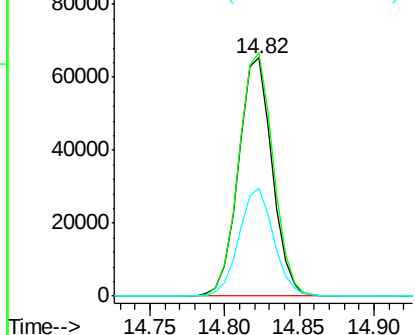


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.0	117.0
160	45.5	32.9	49.3



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

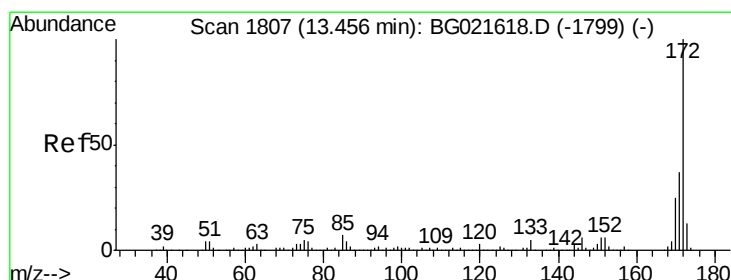
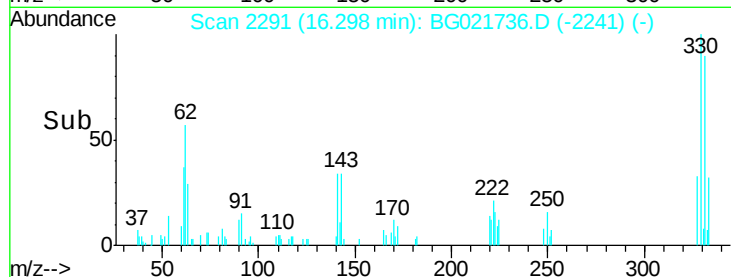
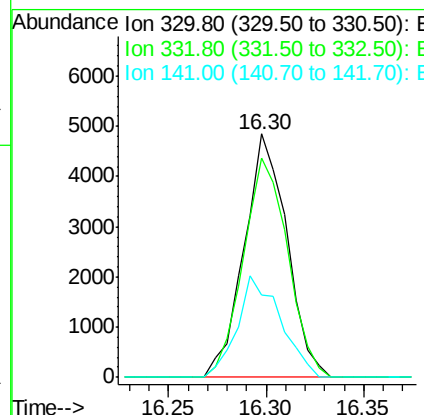
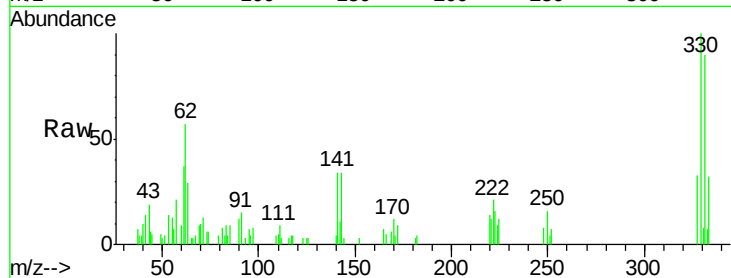




#41
 2,4,6-Tribromophenol
 Concen: 6.68 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

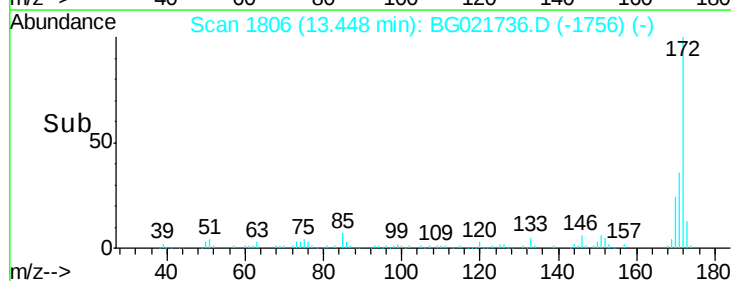
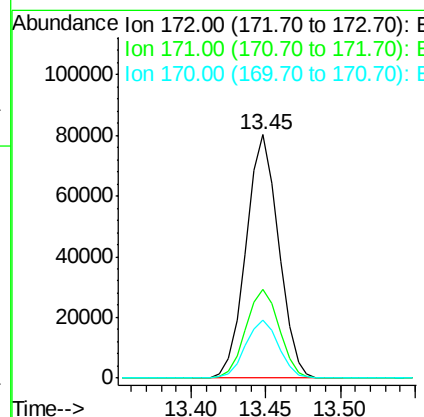
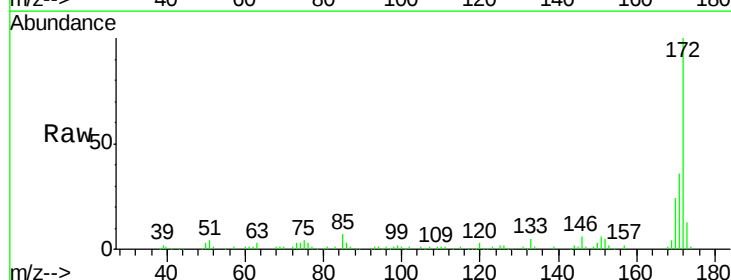
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANKRE

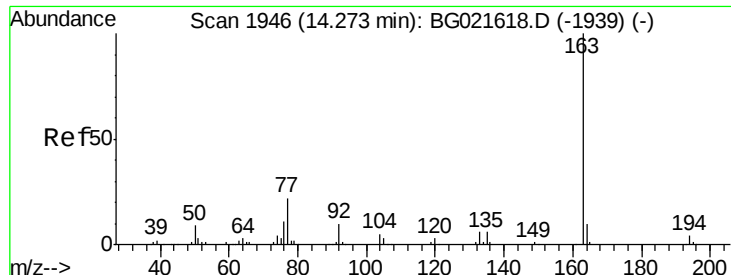
Tgt Ion: 330 Resp: 7341
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.0 117.0
 141 42.3 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 17.42 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

Tgt Ion: 172 Resp: 121323
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.8 41.6
 170 23.7 19.6 29.4





#49

Dimethylphthalate

Concen: 6.24 ng

RT: 14.26 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021736.D

Acq: 18 Apr 2016 12:25

Instrument :

BNA_G

ClientSampleId :

FRAC-TANKRE

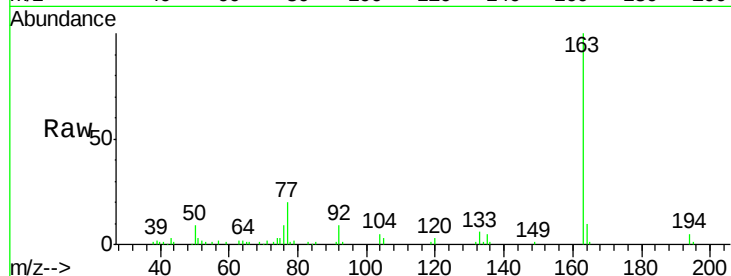
Tgt Ion:163 Resp: 55011

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.6#

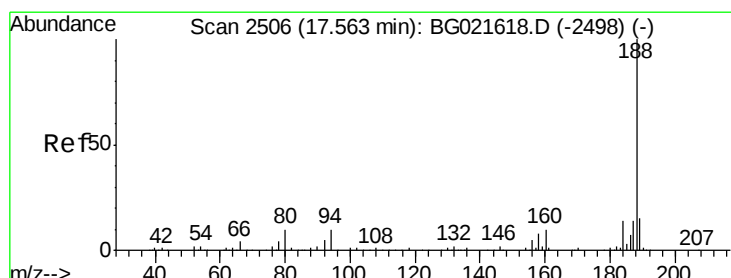
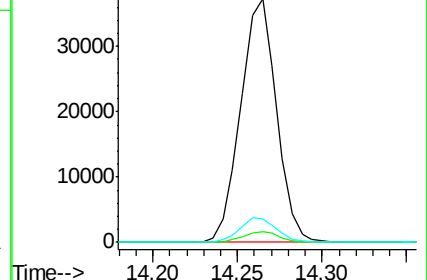
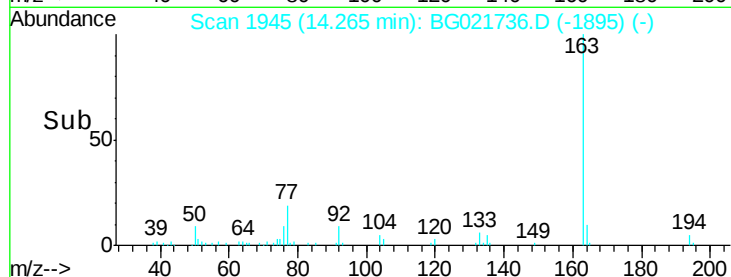
164 9.6 8.1 12.1



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: 17.55 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021736.D

Acq: 18 Apr 2016 12:25

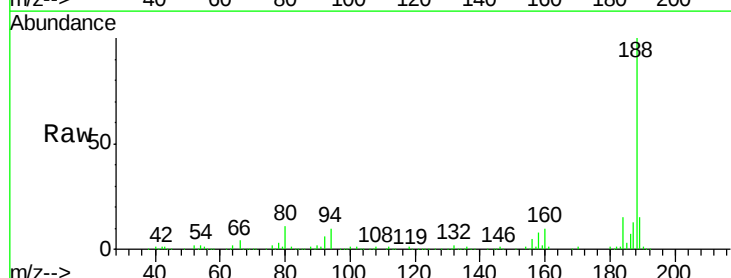
Tgt Ion:188 Resp: 209566

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

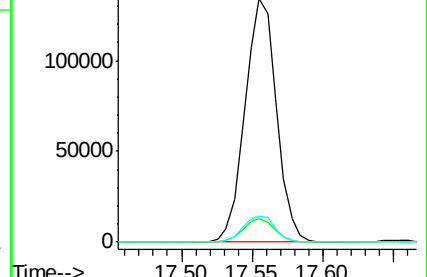
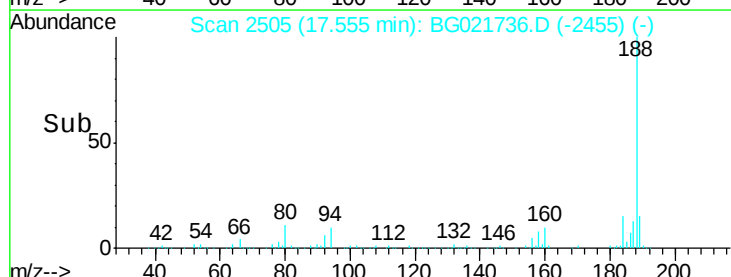
80 10.7 8.6 13.0

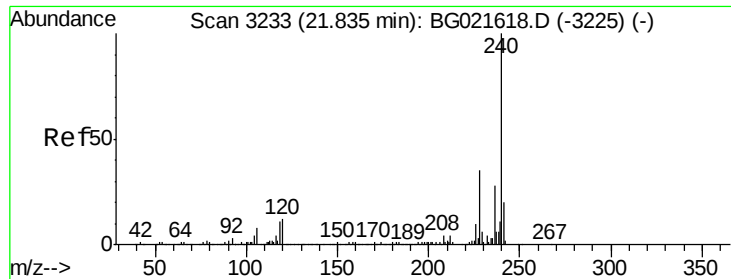


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021736.D

Acq: 18 Apr 2016 12:25

Instrument :

BNA_G

ClientSampleId :

FRAC-TANKRE

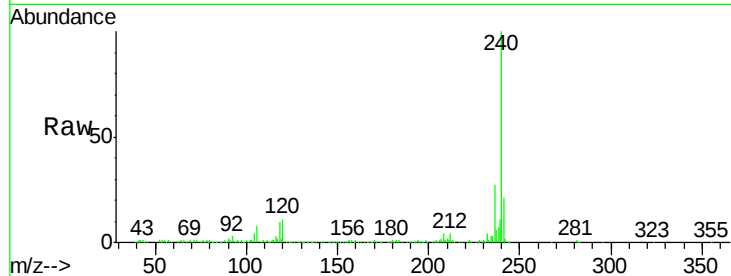
Tgt Ion:240 Resp: 230642

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

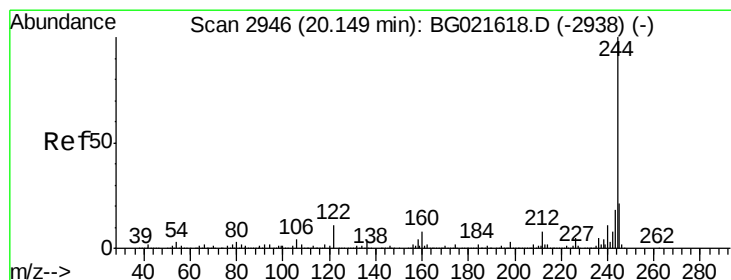
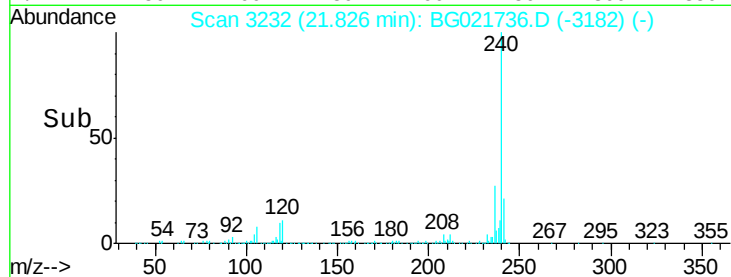
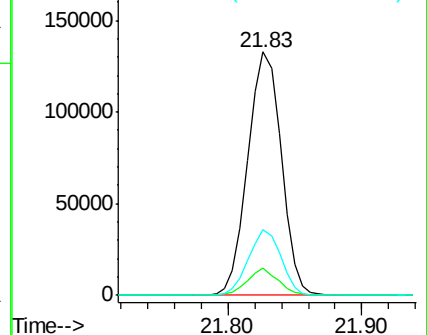
236 26.9 19.6 29.4



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: 16.84 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021736.D

Acq: 18 Apr 2016 12:25

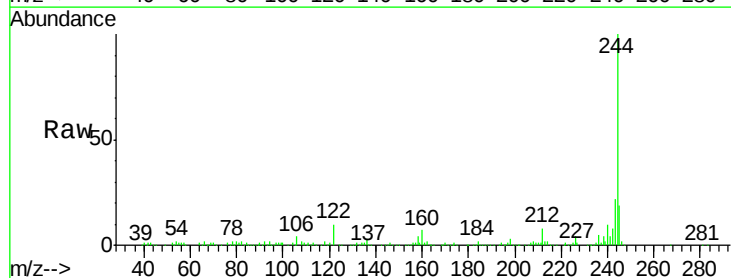
Tgt Ion:244 Resp: 155649

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

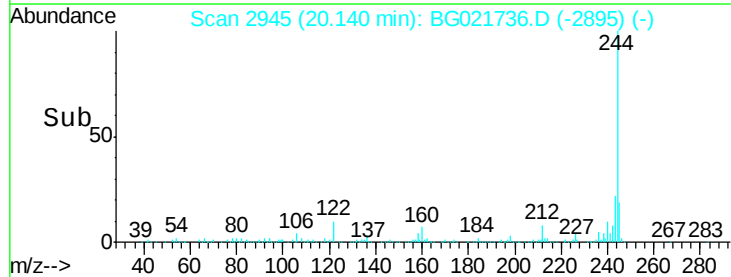
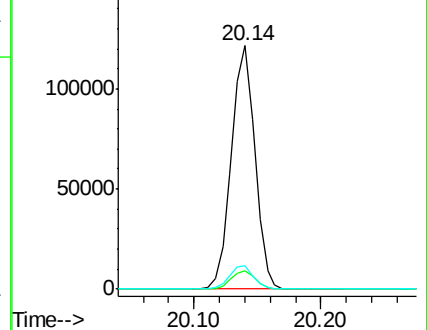
122 9.5 8.6 12.8

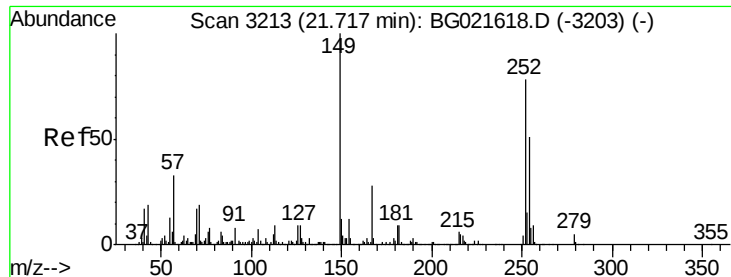


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

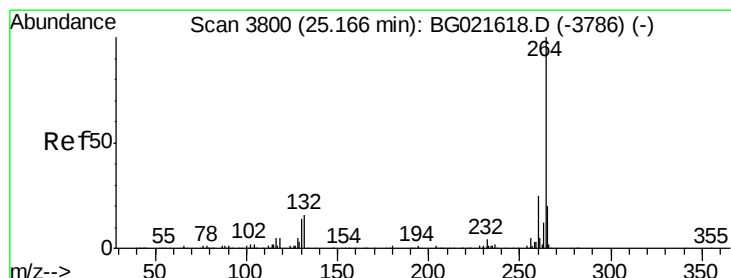
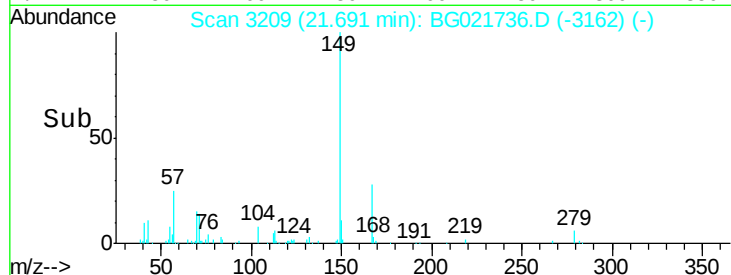
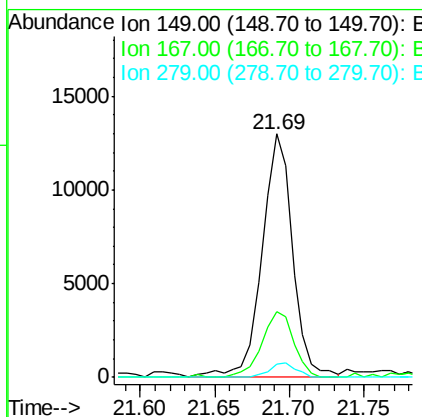
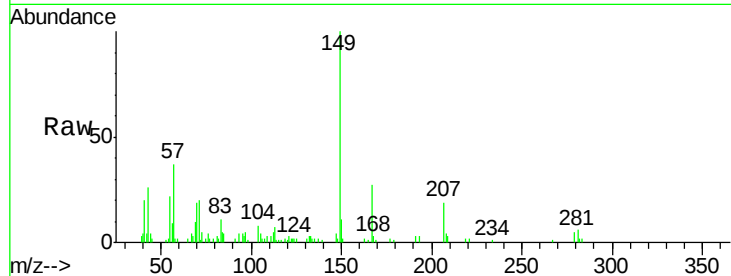




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.03 ng
 RT: 21.69 min Scan# 3209
 Delta R.T. -0.03 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANKRE

Tgt Ion:149 Resp: 18354
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.4 33.6
 279 5.4 3.2 4.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021736.D
 Acq: 18 Apr 2016 12:25

Tgt Ion:264 Resp: 231101
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.2 30.4
 265 20.7 17.8 26.8

