

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
 Data File : BG025407.D
 Acq On : 29 Dec 2016 16:52
 Operator : UM/SJ
 Sample : PB95674TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95674TB

Quant Time: Dec 30 00:47:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	52762	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	212807	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	176575	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	407010	20.00	ng	0.00
75) Chrysene-d12	21.87	240	607553	20.00	ng	0.00
86) Perylene-d12	25.28	264	644961	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	438902	151.20	ng	0.00
7) Phenol-d6	7.37	99	595798	145.74	ng	0.00
23) Nitrobenzene-d5	9.39	82	434646	90.23	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	388863	136.79	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	977575	89.63	ng	0.00
78) Terphenyl-d14	20.16	244	1982896	86.54	ng	0.00

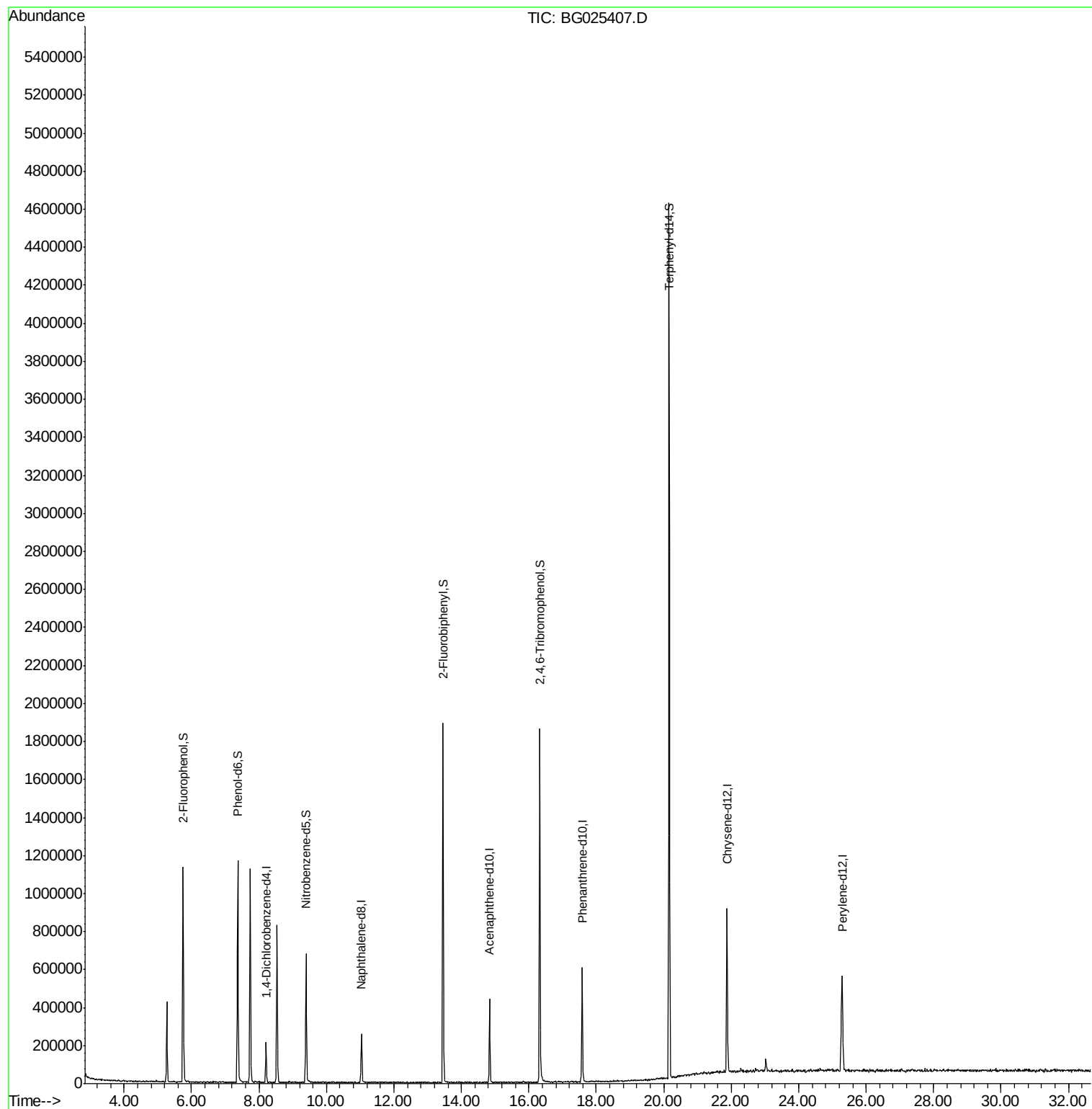
Target Compounds Qvalue

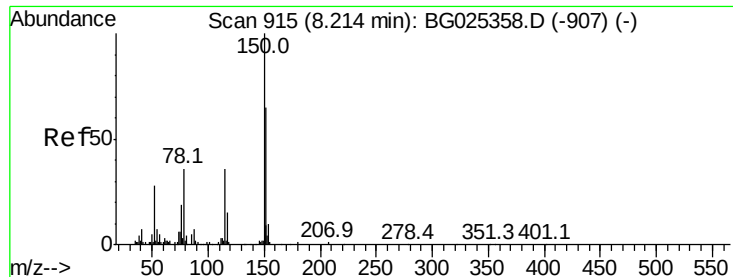
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

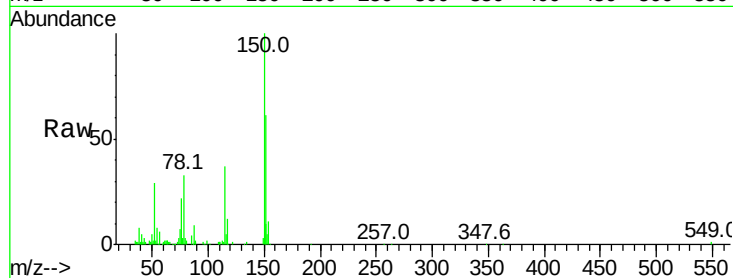
Tot Ion:152 Resp: 52762

Ion Ratio Lower Upper

152 100

150 163.3 114.0 171.0

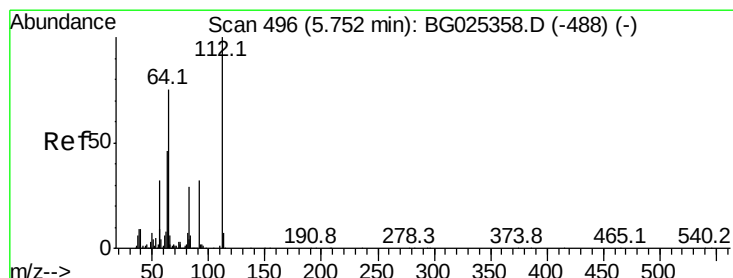
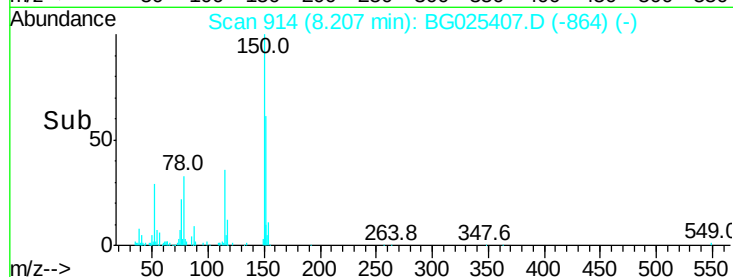
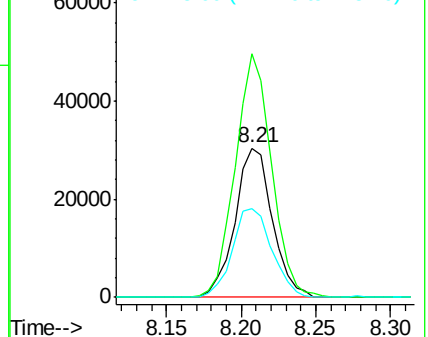
115 59.7 48.1 72.1



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: 151.20 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

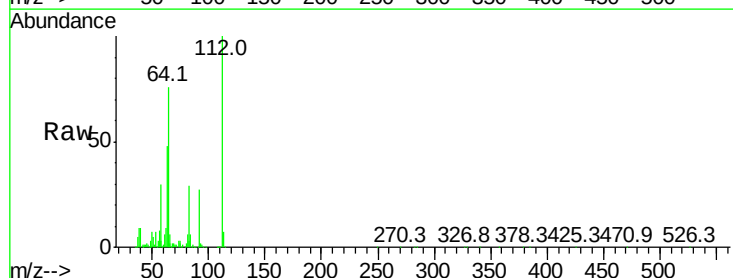
Tgt Ion:112 Resp: 438902

Ion Ratio Lower Upper

112 100

64 75.7 61.8 92.6

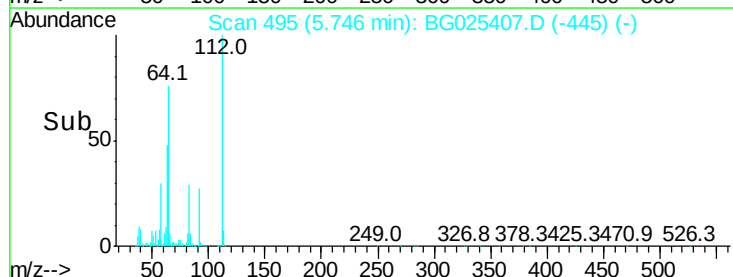
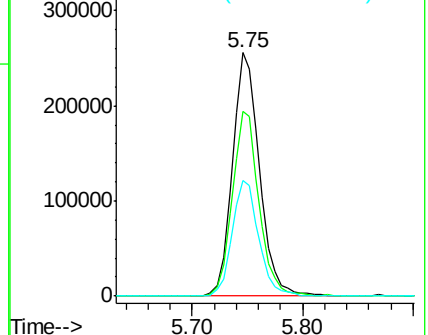
63 47.7 37.2 55.8

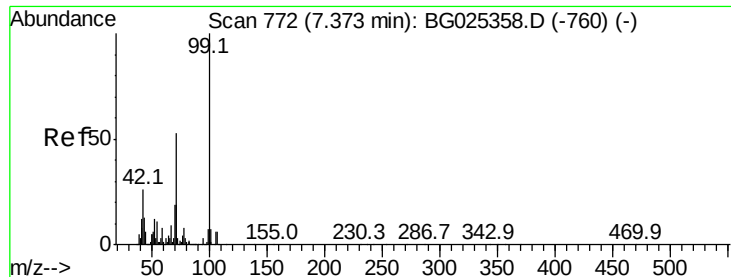


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 145.74 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

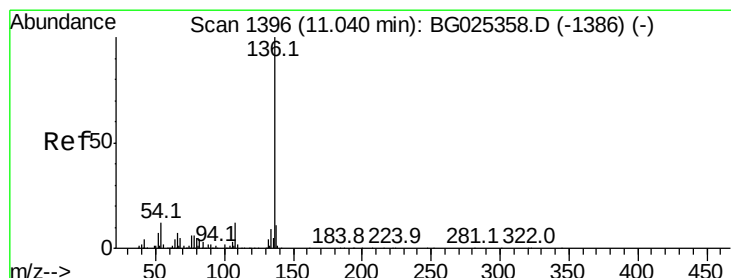
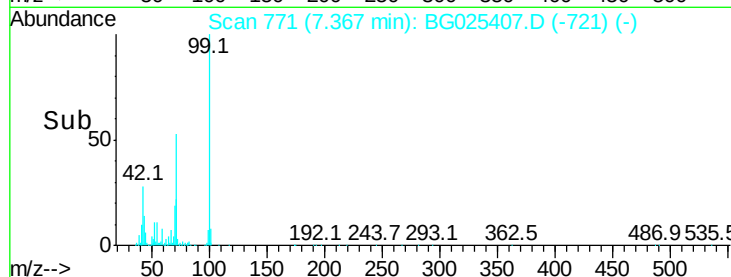
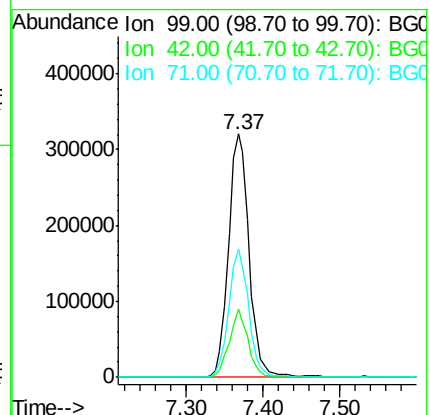
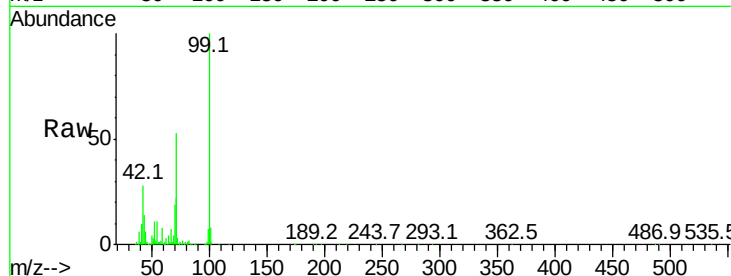
Tot Ion: 99 Resp: 595798

Ion	Ratio	Lower	Upper
99	100		
42	27.9	20.5	30.7
71	52.7	37.6	56.4

99 100

42 27.9 20.5 30.7

71 52.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Tgt Ion: 136 Resp: 212807

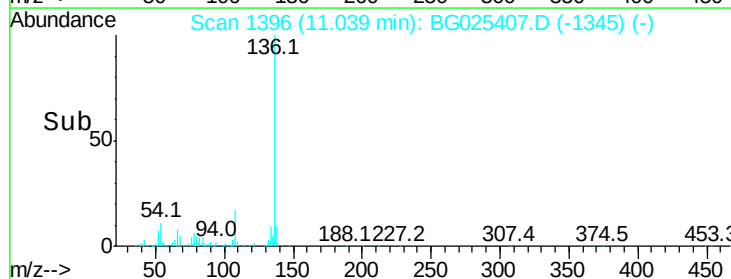
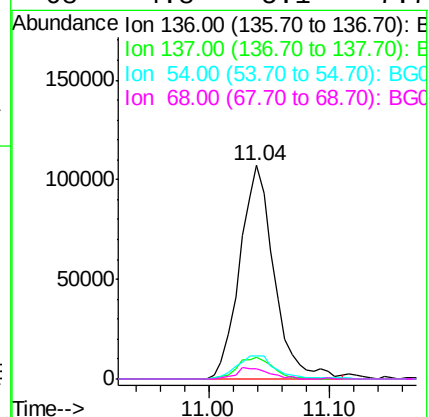
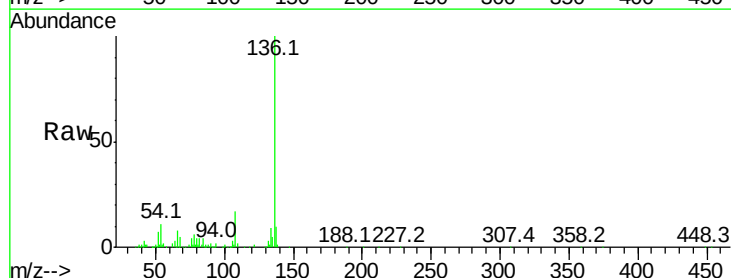
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.0	9.3	13.9
68	4.8	5.1	7.7#

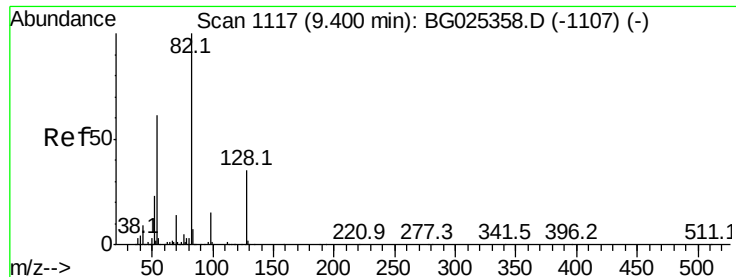
136 100

137 10.1 8.9 13.3

54 11.0 9.3 13.9

68 4.8 5.1 7.7#

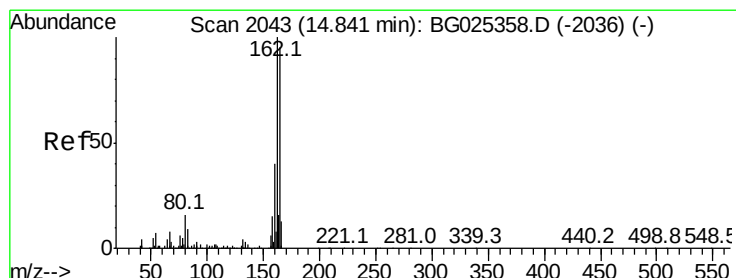
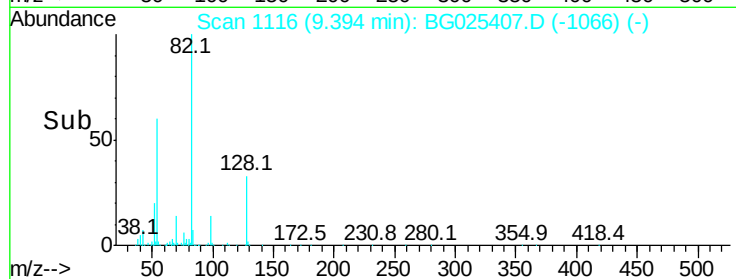
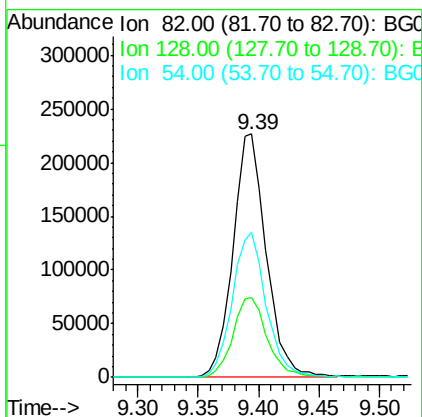
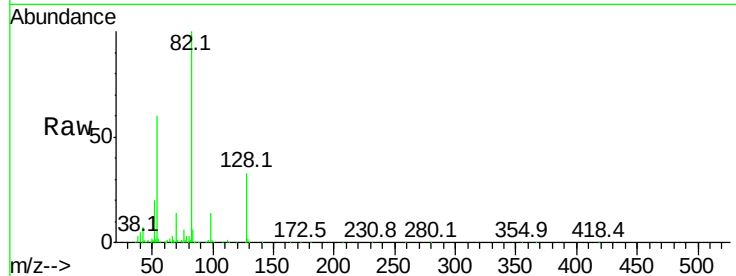




#23
 Nitrobenzene-d5
 Concen: 90.23 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025407.D
 Acq: 29 Dec 2016 16:52

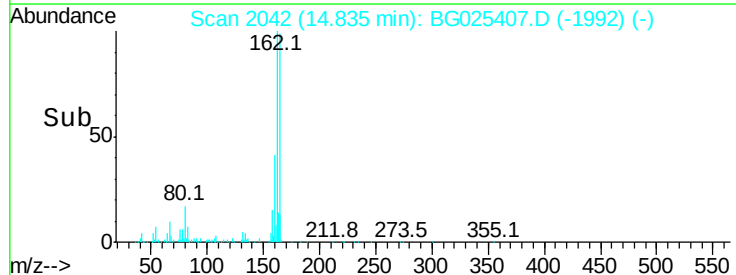
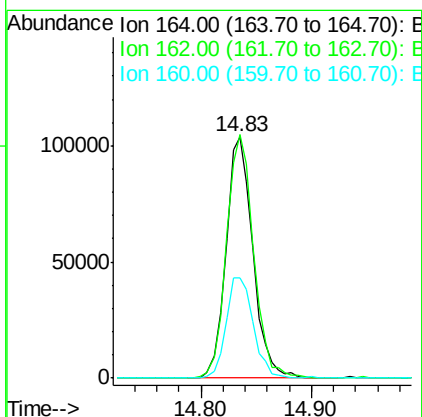
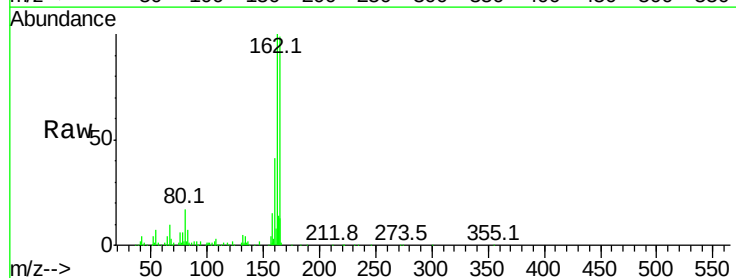
Instrument :
 BNA_G
 ClientSampleId :
 PB95674TB

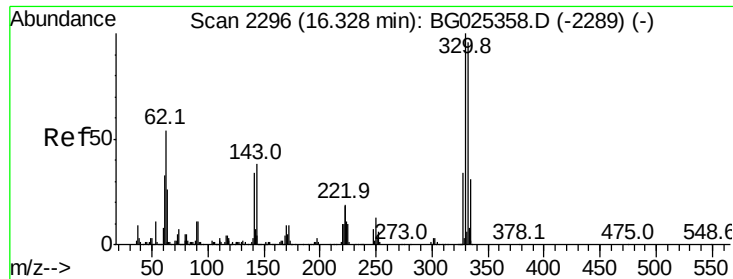
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	59.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG025407.D
 Acq: 29 Dec 2016 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	85.1	127.7
160	41.4	34.7	52.1

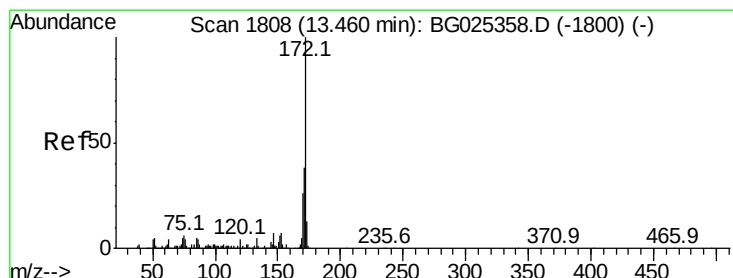
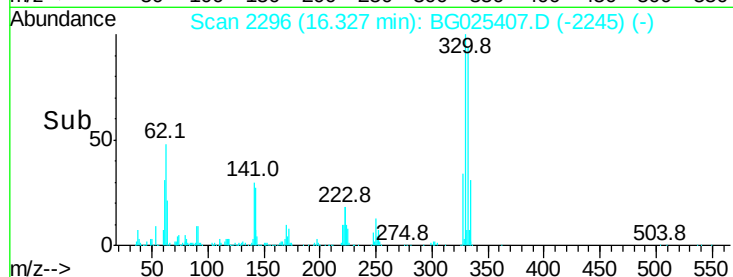
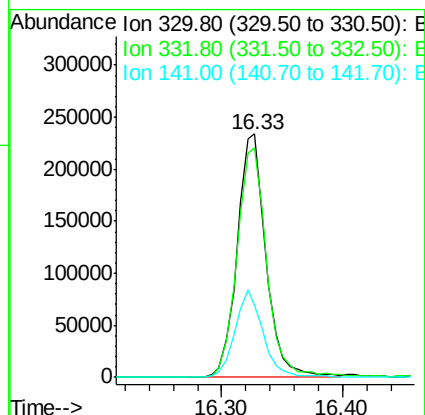
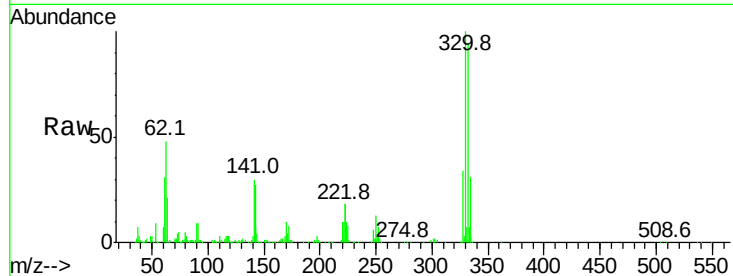




#41
 2,4,6-Tribromophenol
 Concen: 136.79 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025407.D
 Acq: 29 Dec 2016 16:52

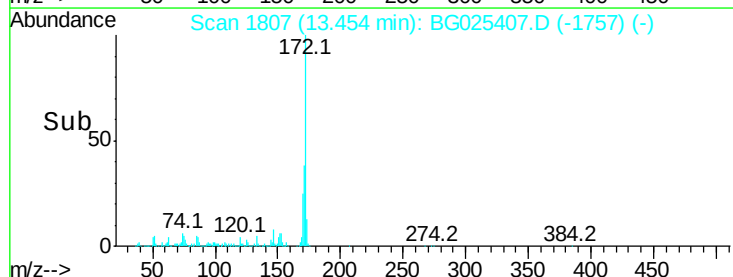
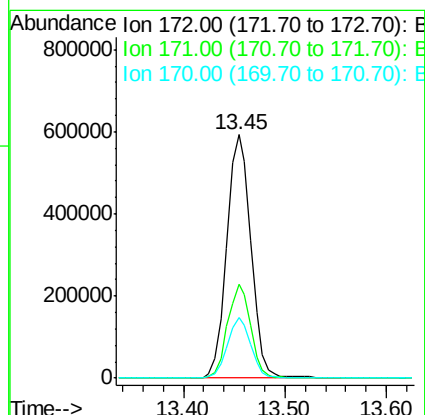
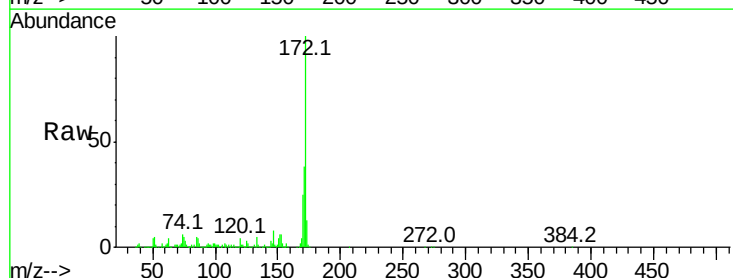
Instrument :
 BNA_G
 ClientSampleId :
 PB95674TB

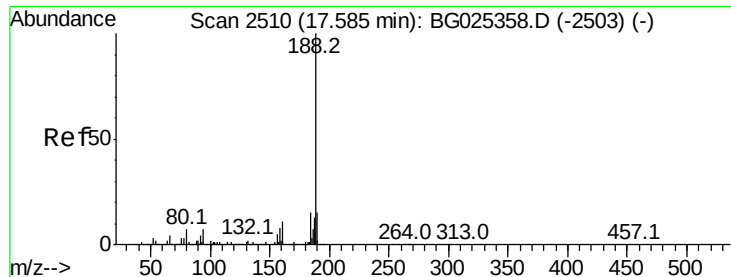
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	34.7	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 89.63 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG025407.D
 Acq: 29 Dec 2016 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	25.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

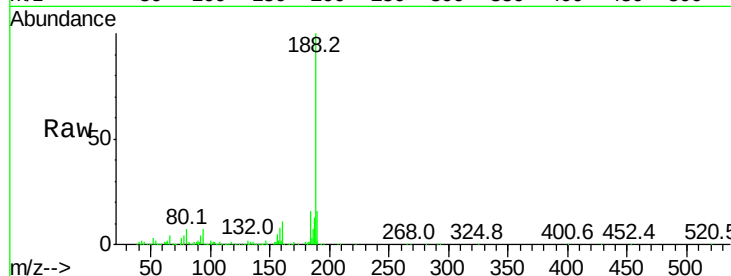
Tot Ion:188 Resp: 407010

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

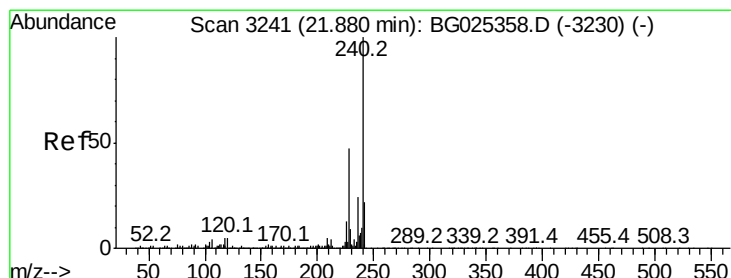
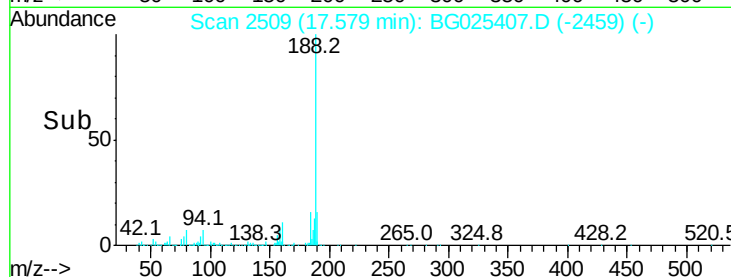
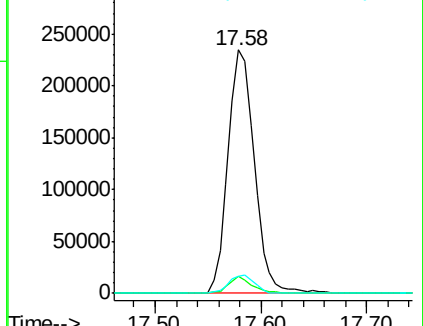
80 7.1 7.5 11.3#



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: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

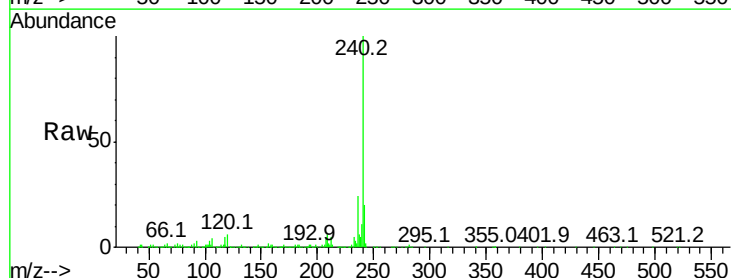
Tgt Ion:240 Resp: 607553

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

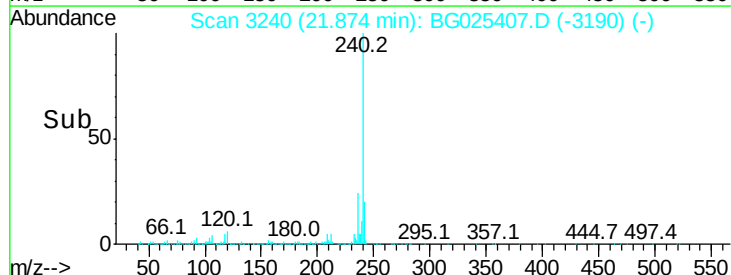
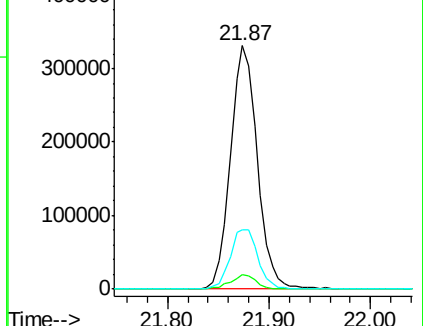
236 24.5 22.2 33.4

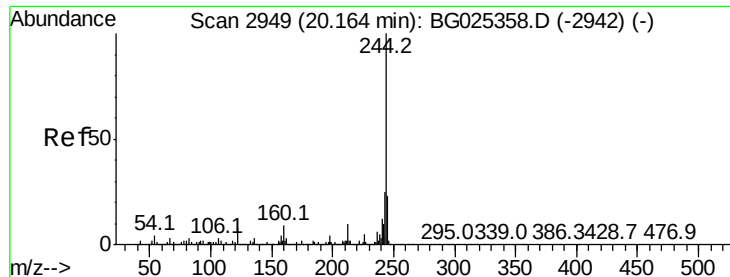


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.54 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

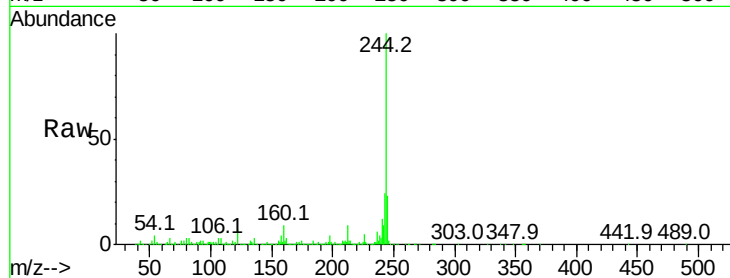
Tot Ion:244 Resp: 1982896

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

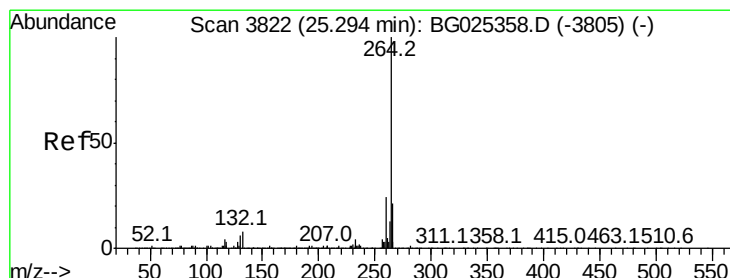
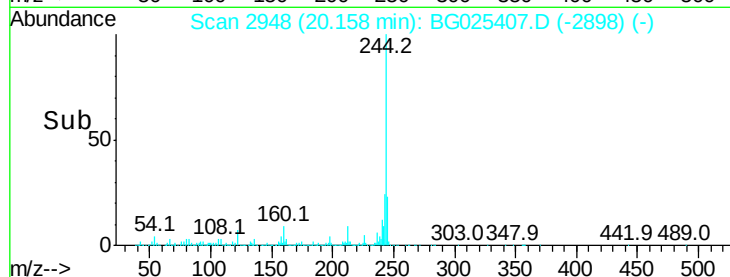
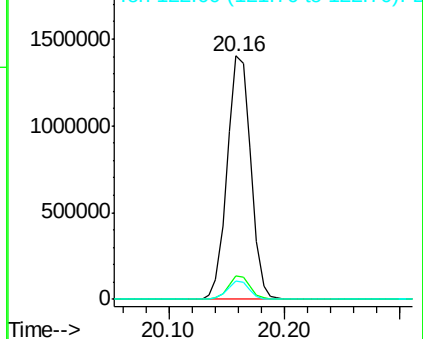
122 7.5 8.6 12.8#



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: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

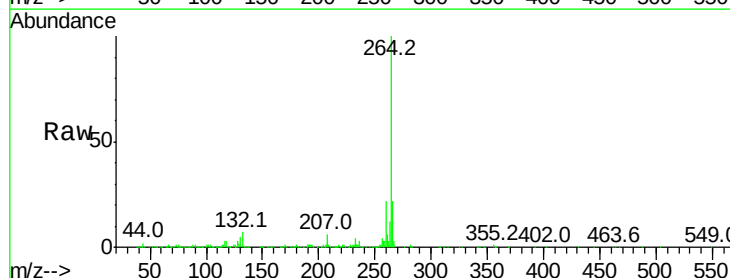
Tgt Ion:264 Resp: 644961

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 21.8 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

