

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG023998.D
 Acq On : 16 Sep 2016 18:04
 Operator : UM/SJ
 Sample : PB93393BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93393BL

Quant Time: Sep 17 00:31:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 00:17:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45580	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	185424	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	152253	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	392410	20.00	ng	0.00
75) Chrysene-d12	21.80	240	468307	20.00	ng	0.00
86) Perylene-d12	25.15	264	447049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	373359	143.81	ng	0.00
7) Phenol-d6	7.22	99	550888	137.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	413519	99.56	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	318773	116.21	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	852459	80.27	ng	0.00
78) Terphenyl-d14	20.11	244	1651207	80.30	ng	0.00

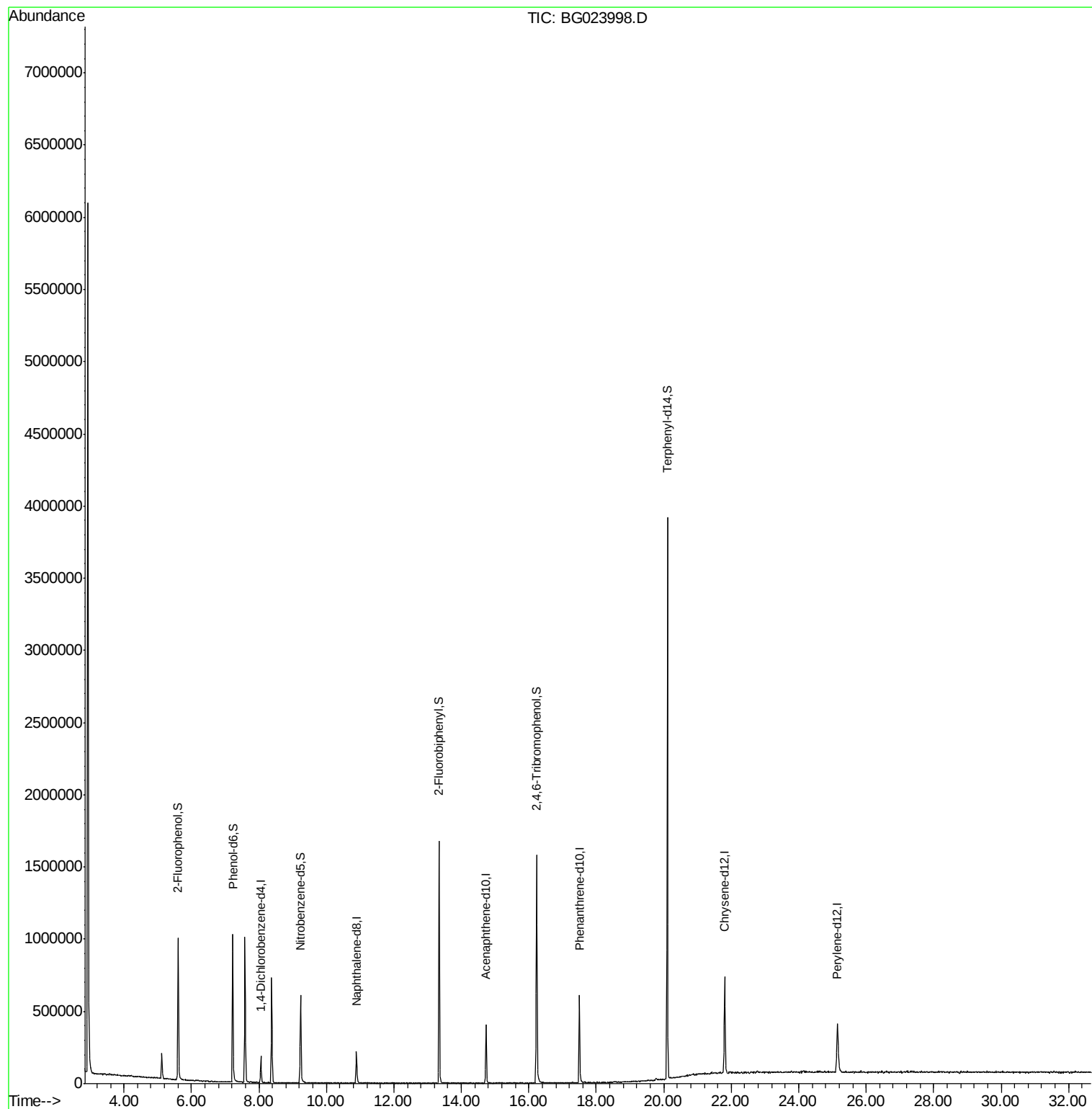
Target Compounds Qvalue

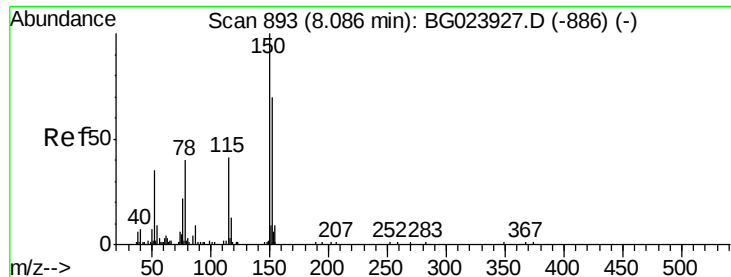
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

BNA_G

ClientSampleId :

PB93393BL

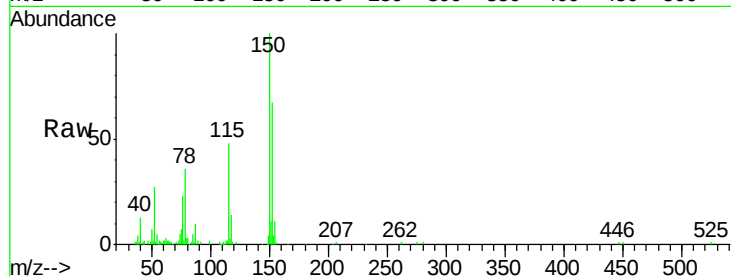
Tot Ion:152 Resp: 45580

Ion Ratio Lower Upper

152 100

150 149.0 144.7 217.1

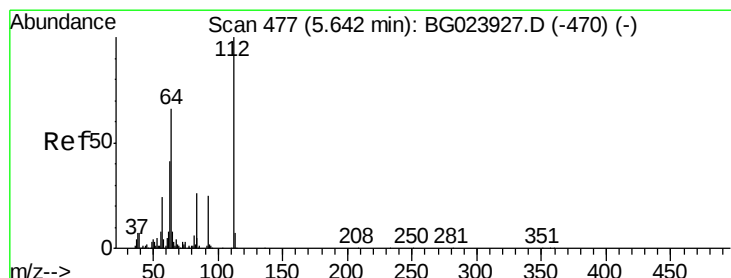
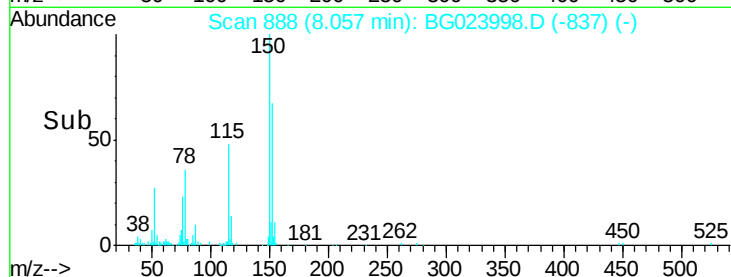
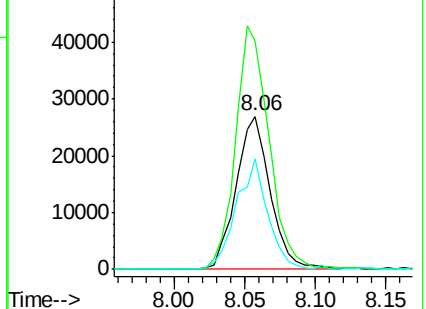
115 72.2 64.0 96.0



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: 143.81 ng

RT: 5.60 min Scan# 470

Delta R.T. 0.00 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

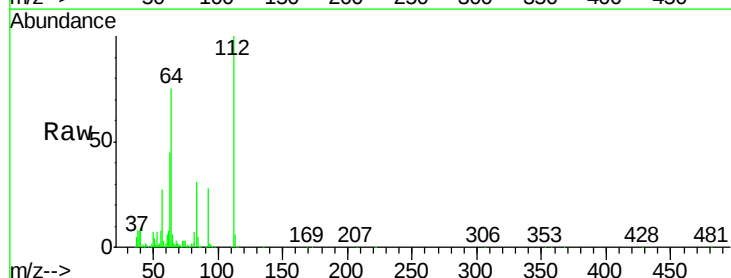
Tgt Ion:112 Resp: 373359

Ion Ratio Lower Upper

112 100

64 74.5 59.0 88.4

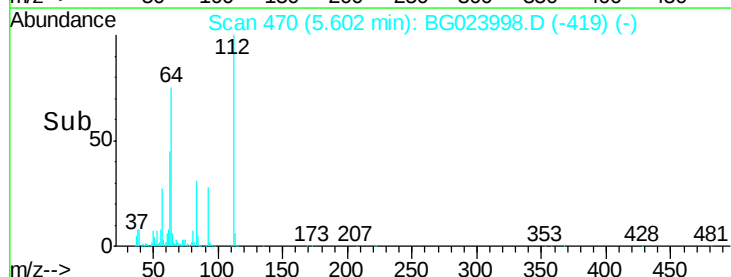
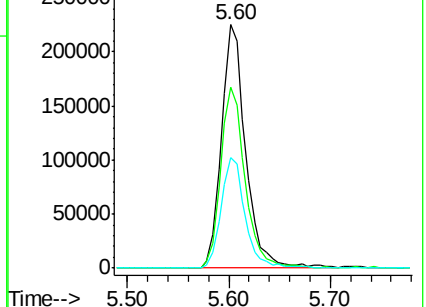
63 45.2 37.8 56.8

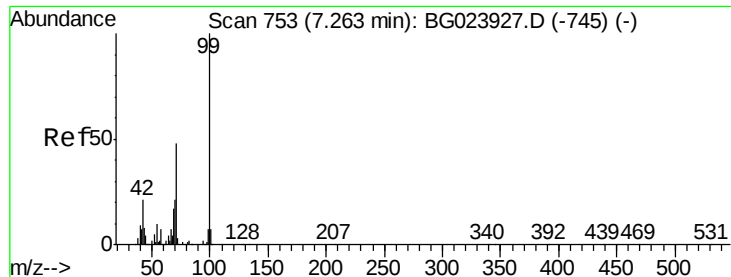


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 137.85 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

BNA_G

ClientSampleId :

PB93393BL

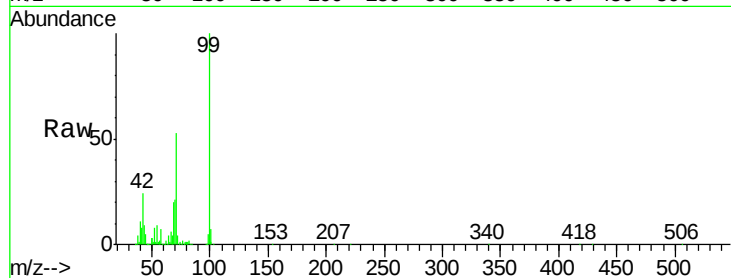
Tot Ion: 99 Resp: 550888

Ion Ratio Lower Upper

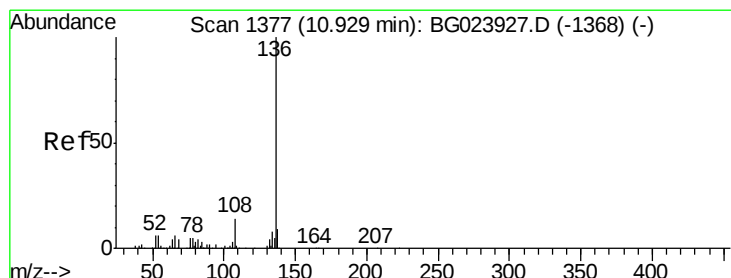
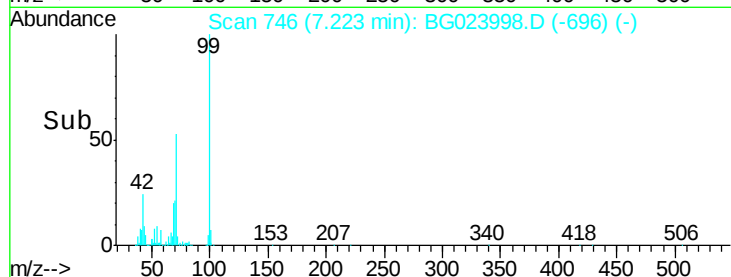
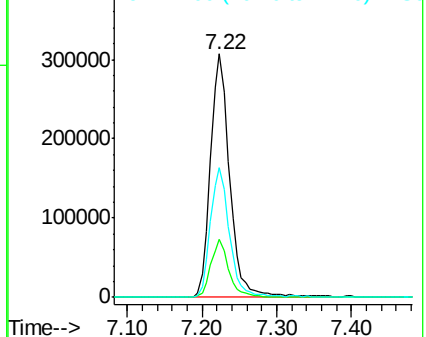
99 100

42 23.7 17.8 26.6

71 53.0 41.5 62.3



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: 10.89 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Tgt Ion: 136 Resp: 185424

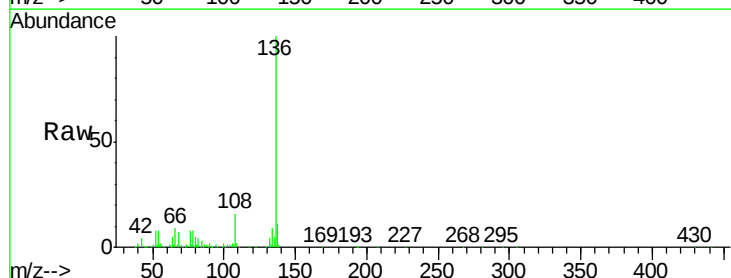
Ion Ratio Lower Upper

136 100

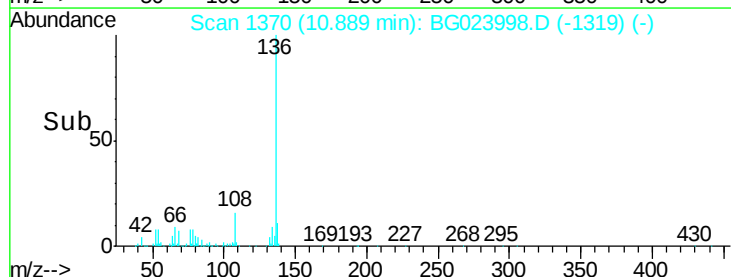
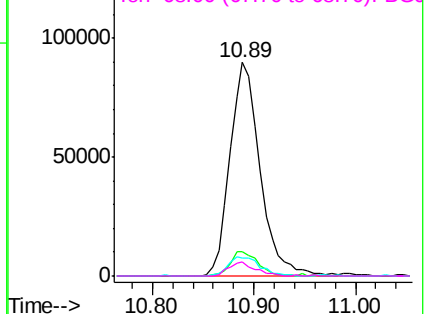
137 11.5 9.6 14.4

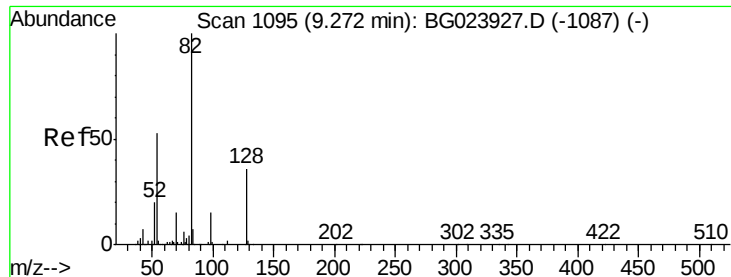
54 8.5 7.3 10.9

68 6.8 5.3 7.9



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

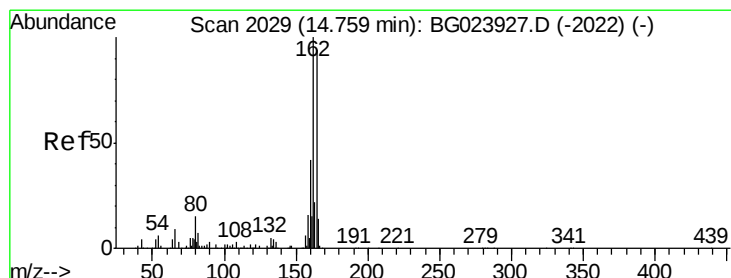
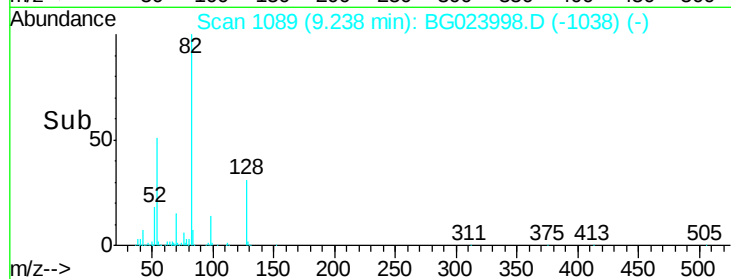
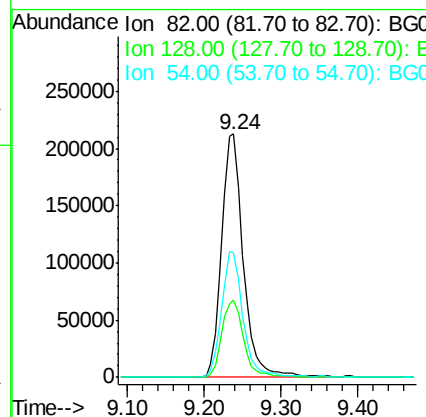
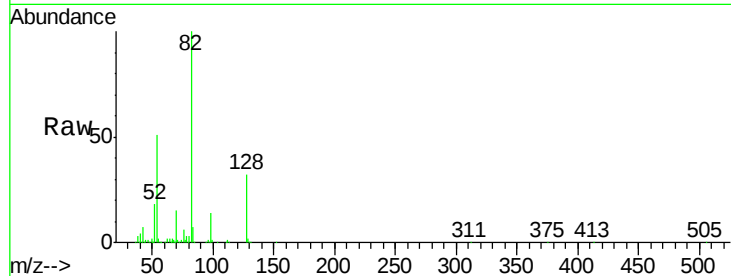




#23
Nitrobenzene-d5
Concen: 99.56 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG023998.D
Acq: 16 Sep 2016 18:04

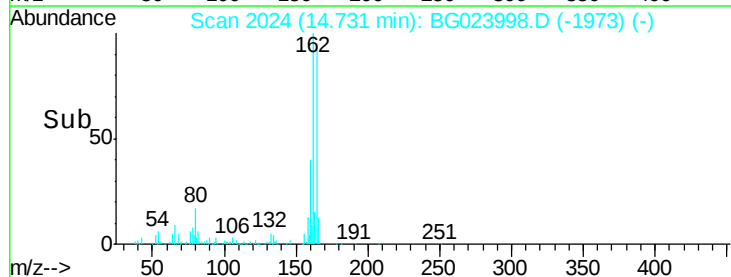
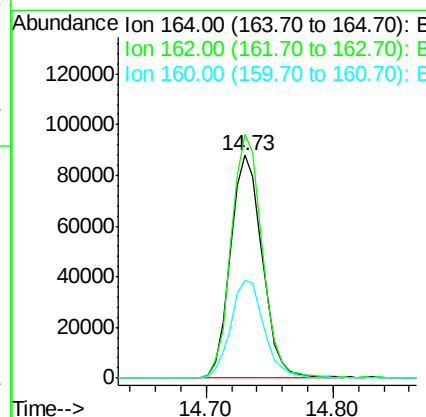
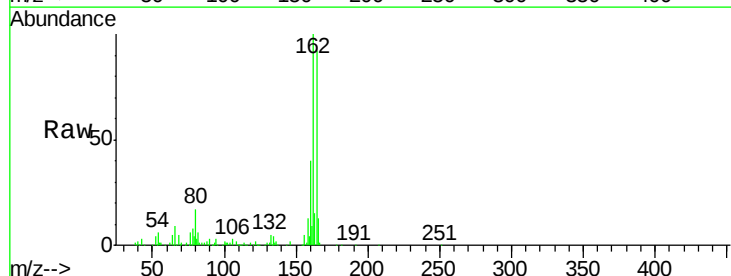
Instrument :
BNA_G
ClientSampled :
PB93393BL

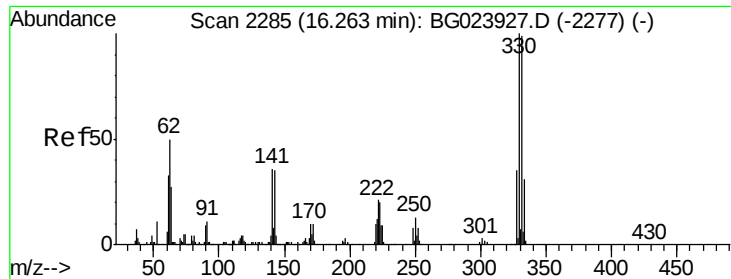
Tot Ion	82	Resp	413519
Ion Ratio	Lower	Upper	
82	100		
128	31.6	24.4	36.6
54	51.0	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG023998.D
Acq: 16 Sep 2016 18:04

Tgt Ion	164	Resp	152253
Ion Ratio	Lower	Upper	
164	100		
162	109.2	87.7	131.5
160	44.0	37.2	55.8

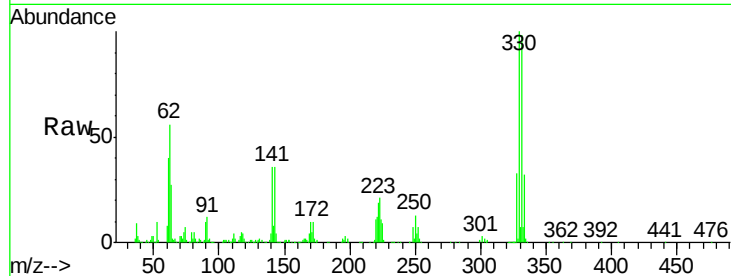




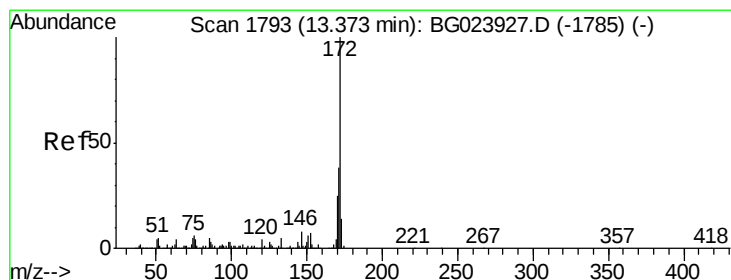
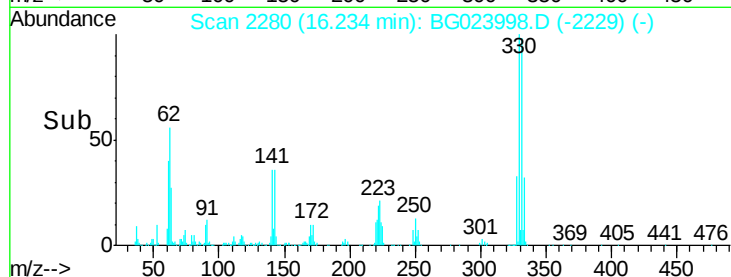
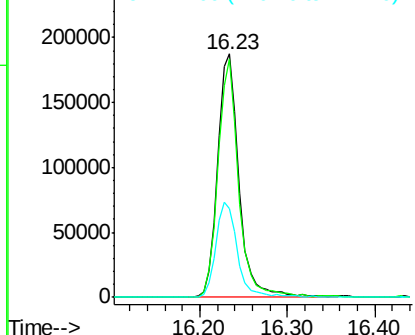
#41
2,4,6-Tribromophenol
Concen: 116.21 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG023998.D
Acq: 16 Sep 2016 18:04

Instrument :
BNA_G
ClientSampleId :
PB93393BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.4	116.2
141	39.2	31.7	47.5

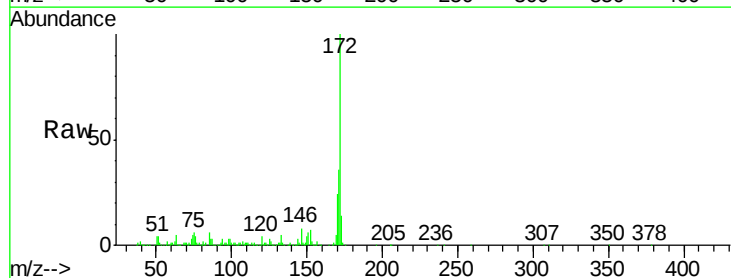


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

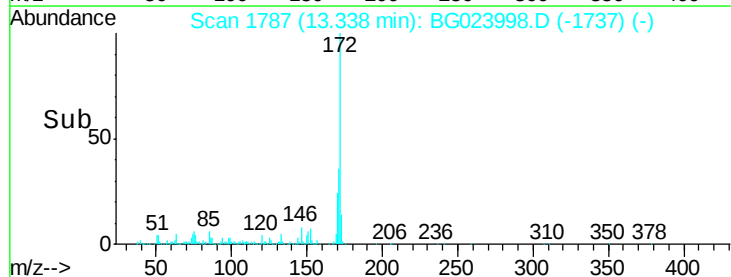
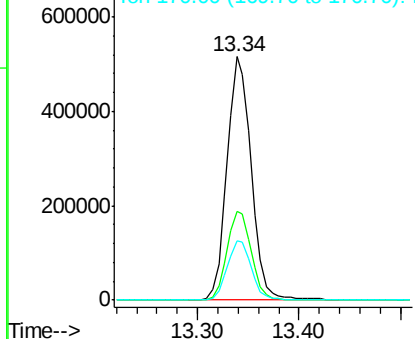


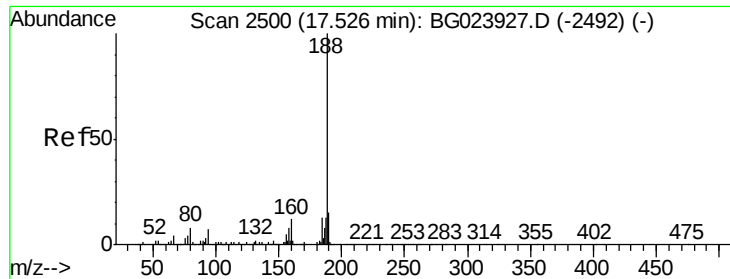
#44
2-Fluorobiphenyl
Concen: 80.27 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG023998.D
Acq: 16 Sep 2016 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.6	47.4
170	24.3	21.3	31.9



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: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

BNA_G

ClientSampleId :

PB93393BL

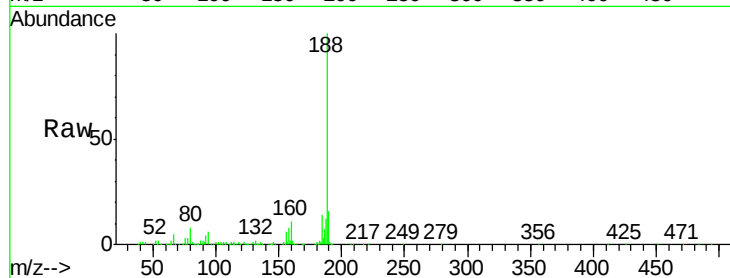
Tot Ion:188 Resp: 392410

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

80 7.6 7.2 10.8



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

300000

250000

200000

150000

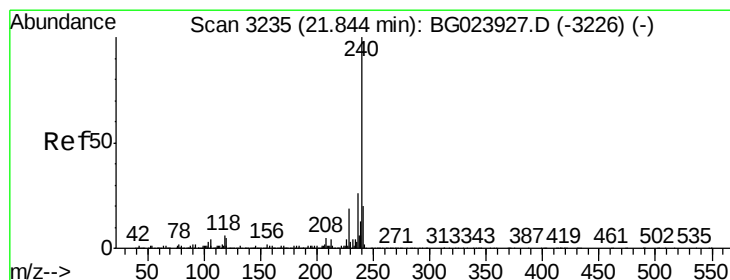
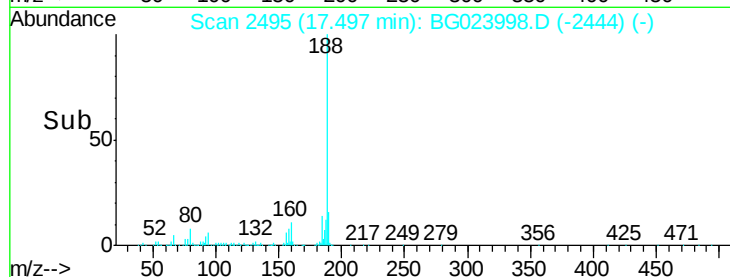
100000

50000

0

17.40 17.50 17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

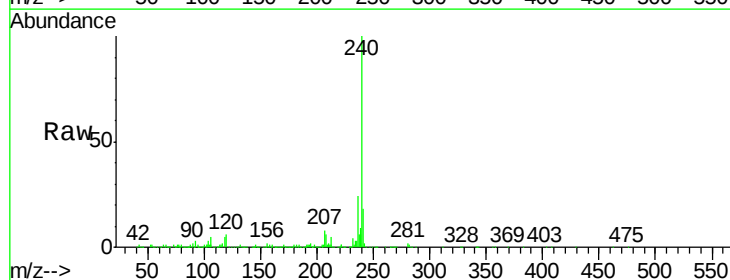
Tgt Ion:240 Resp: 468307

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

236 24.4 21.1 31.7



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

300000

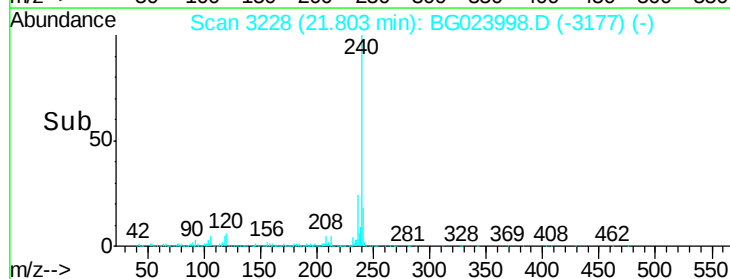
200000

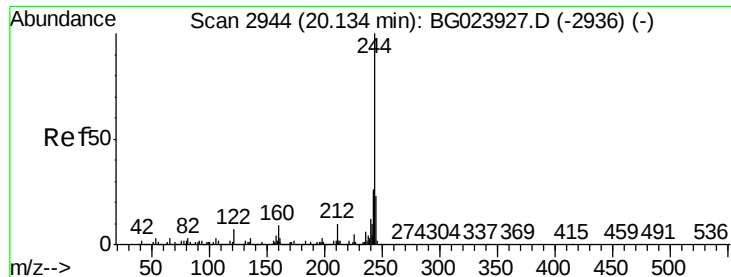
100000

0

21.70 21.80 21.90

Time-->





#78

Terphenyl-d14

Concen: 80.30 ng

RT: 20.11 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

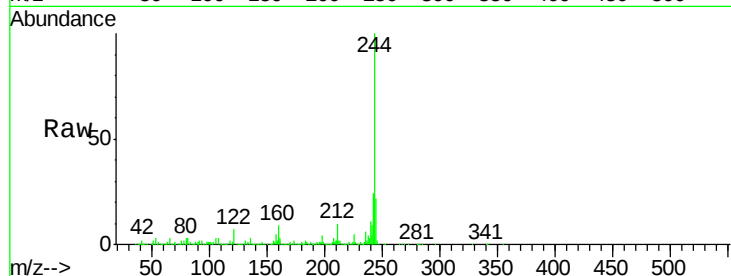
BNA_G

ClientSampleId :

PB93393BL

Tot Ion:244 Resp: 1651207

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.8	16.2#
122	7.1	8.0	12.0#

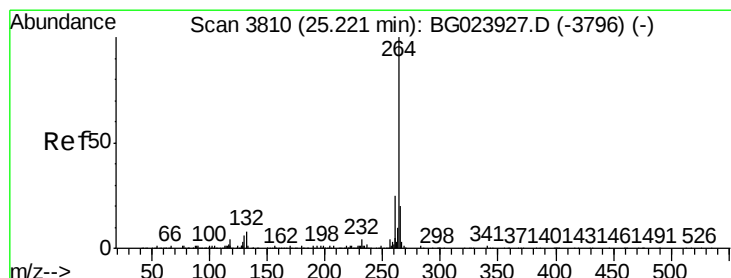
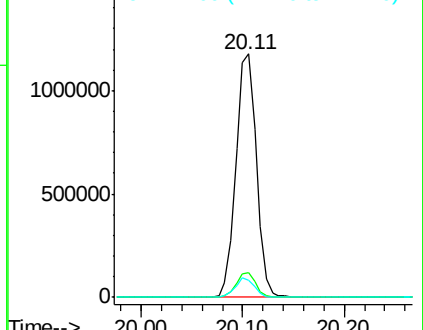
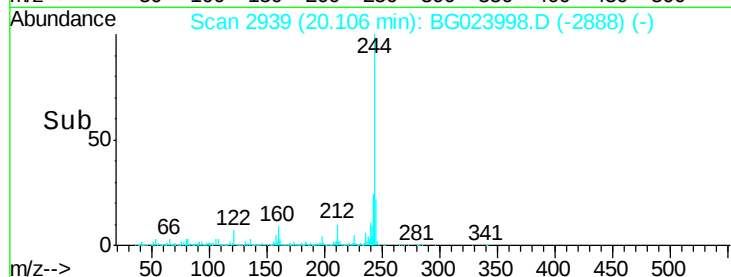


Abundance

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: 25.15 min Scan# 3798

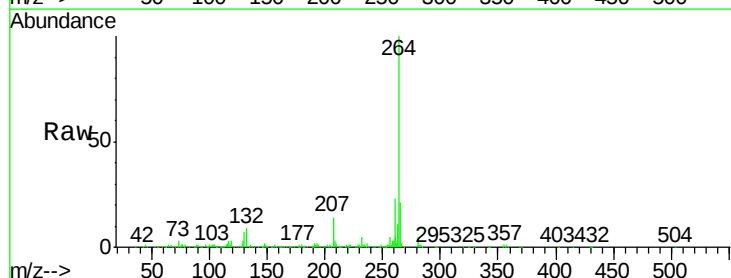
Delta R.T. 0.01 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Tgt Ion:264 Resp: 447049

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.2	18.9	28.3



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

