

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
 Data File : BG023948.D
 Acq On : 6 Sep 2016 14:59
 Operator : UM/SJ
 Sample : PB93238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93238BL

Quant Time: Sep 06 15:47:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	62325	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	266441	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	195556	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	519719	20.00	ng	0.00
75) Chrysene-d12	21.82	240	599611	20.00	ng	-0.02
86) Perylene-d12	25.18	264	596002	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	345729	97.39	ng	0.00
7) Phenol-d6	7.26	99	495969	90.76	ng	0.00
23) Nitrobenzene-d5	9.27	82	366503	61.41	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	304807	86.51	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	768209	56.32	ng	0.00
78) Terphenyl-d14	20.12	244	1389227	52.76	ng	-0.01

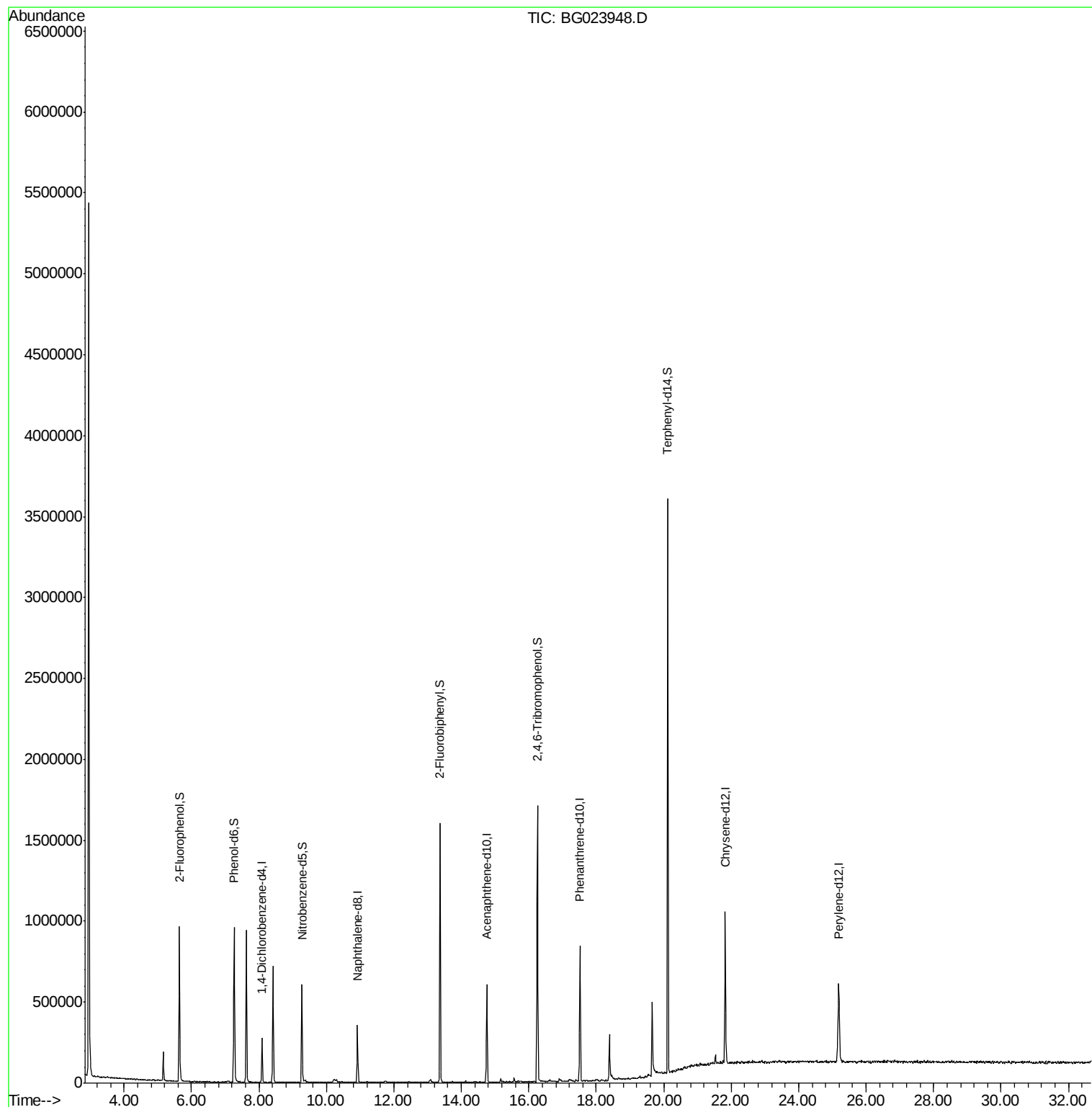
Target Compounds	Qvalue
------------------	--------

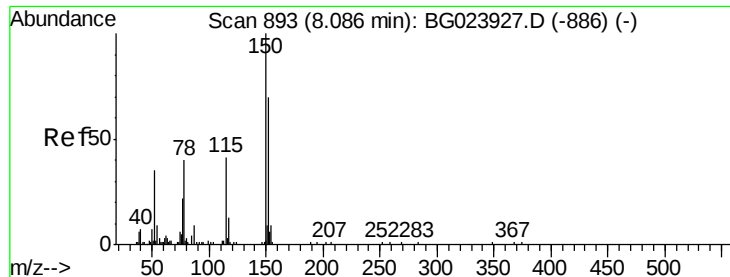
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
Data File : BG023948.D
Acq On : 6 Sep 2016 14:59
Operator : UM/SJ
Sample : PB93238BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB93238BL

Quant Time: Sep 06 15:47:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration



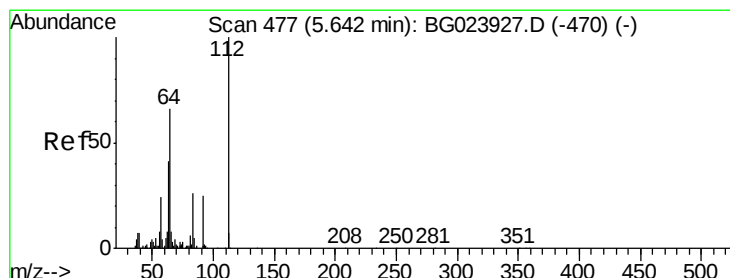
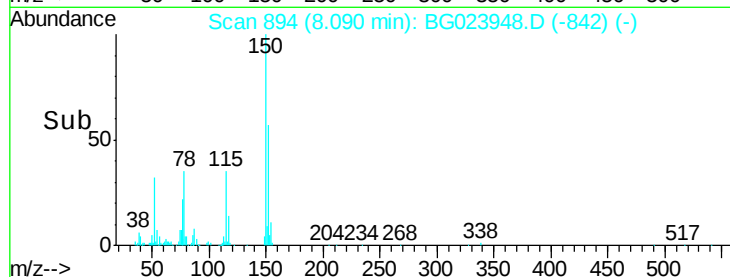
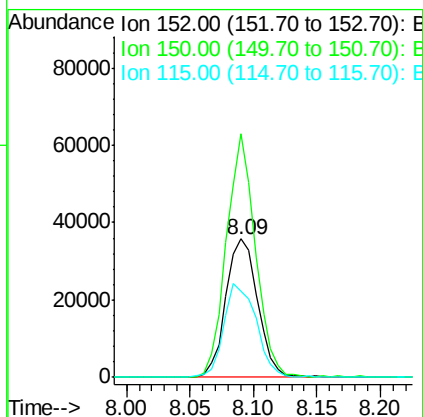
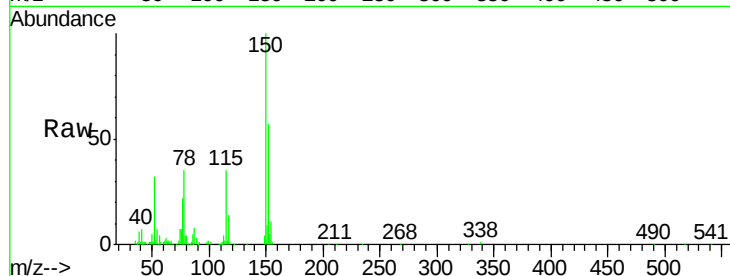


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.09 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB93238BL

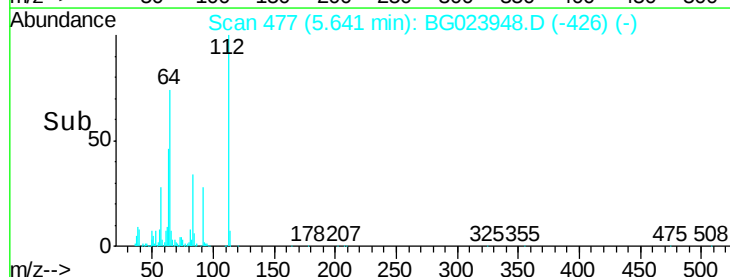
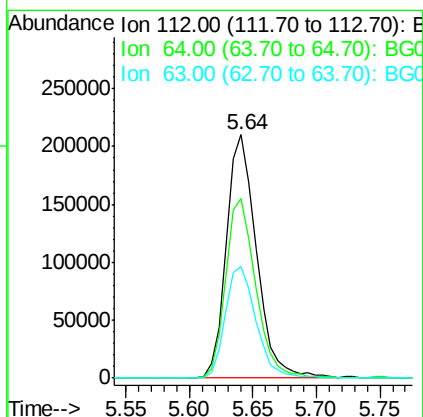
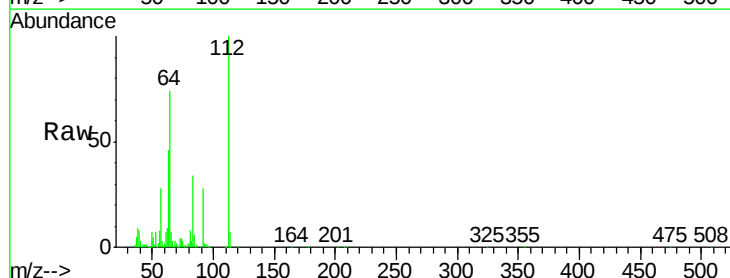
Tgt Ion:152 Resp: 62325
 Ion Ratio Lower Upper
 152 100
 150 175.9 144.7 217.1
 115 62.0 64.0 96.0#

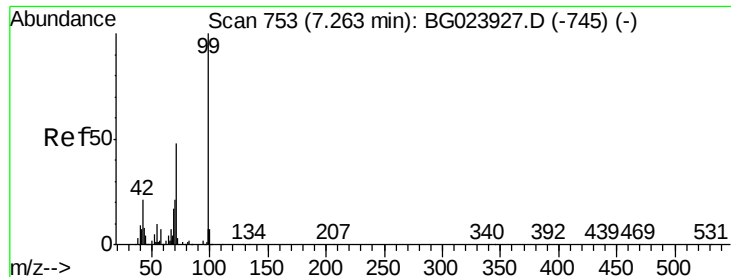


#5

2-Fluorophenol
 Concen: 97.39 ng
 RT: 5.64 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Tgt Ion:112 Resp: 345729
 Ion Ratio Lower Upper
 112 100
 64 74.0 59.0 88.4
 63 46.1 37.8 56.8





#7

Phenol-d6

Concen: 90.76 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.00 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Instrument :

BNA_G

ClientSampleId :

PB93238BL

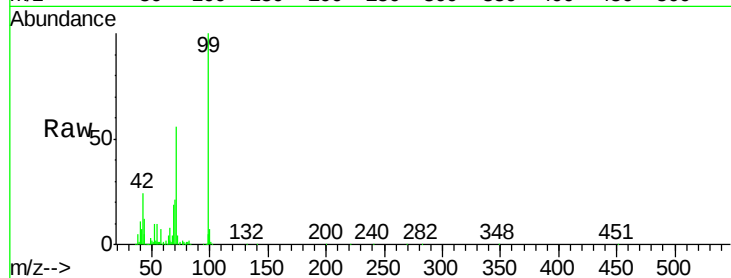
Tgt Ion: 99 Resp: 495969

Ion Ratio Lower Upper

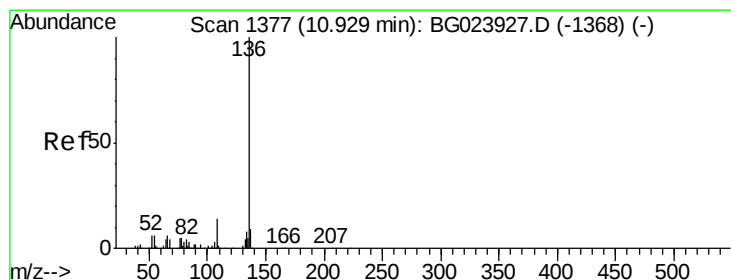
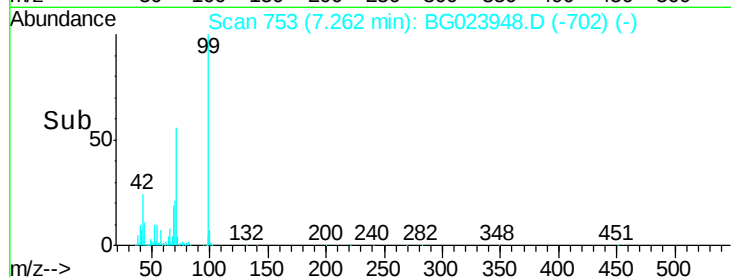
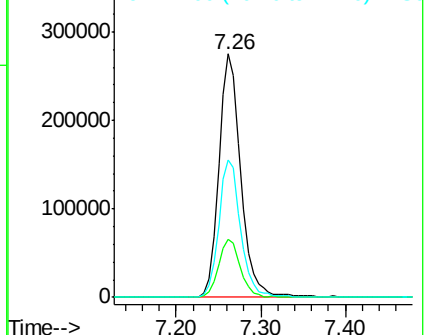
99 100

42 23.7 17.8 26.6

71 56.3 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Tgt Ion: 136 Resp: 266441

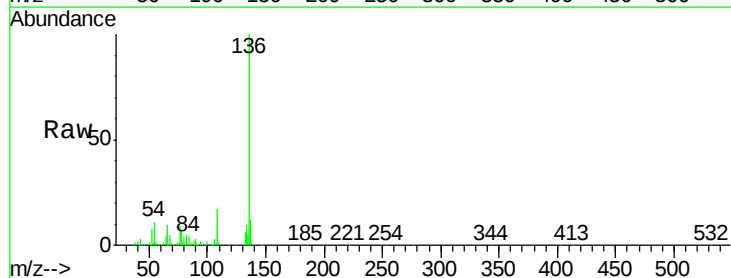
Ion Ratio Lower Upper

136 100

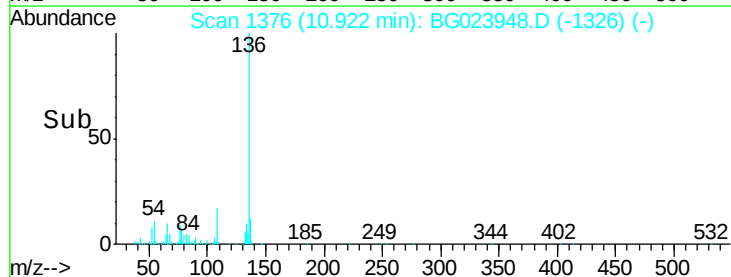
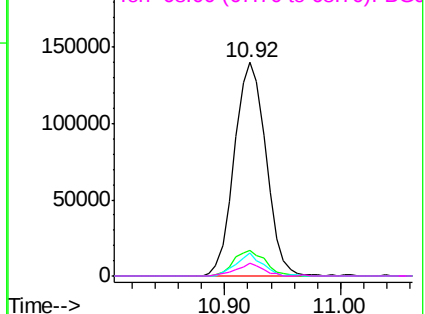
137 12.2 9.6 14.4

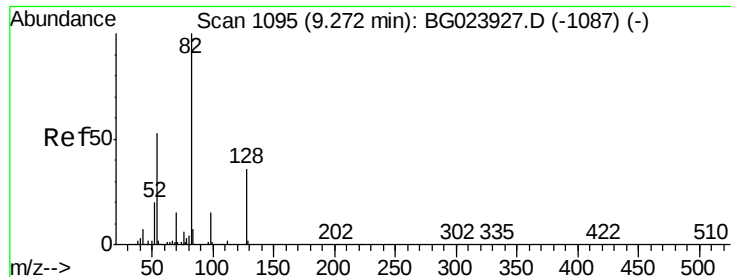
54 10.5 7.3 10.9

68 6.2 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

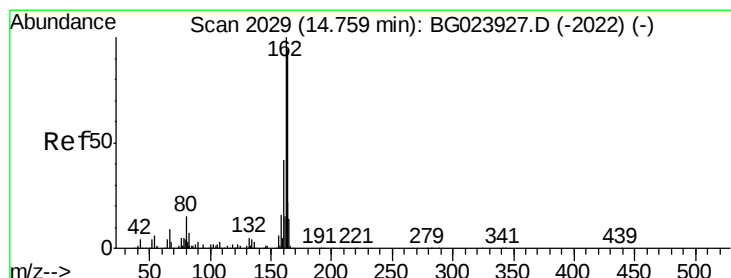
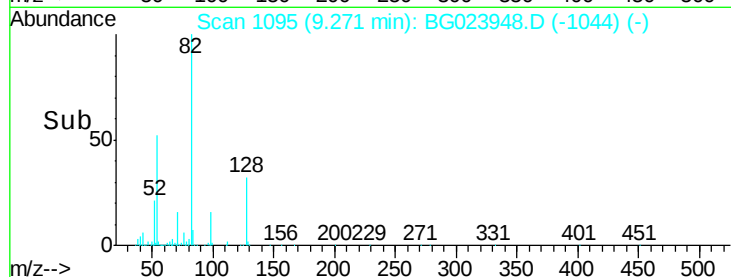
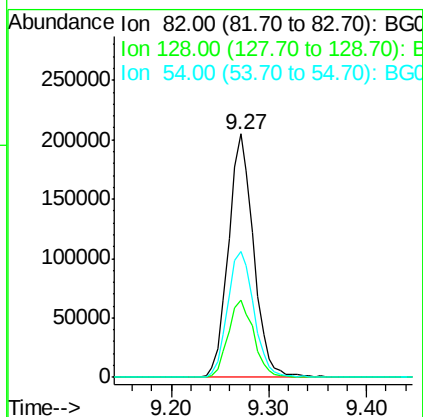
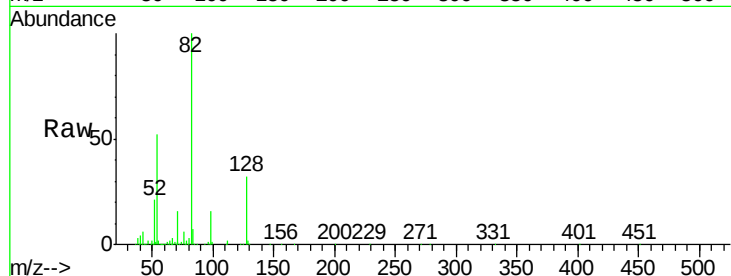




#23
 Nitrobenzene-d5
 Concen: 61.41 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

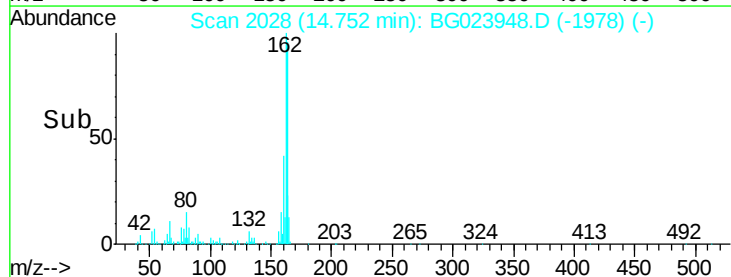
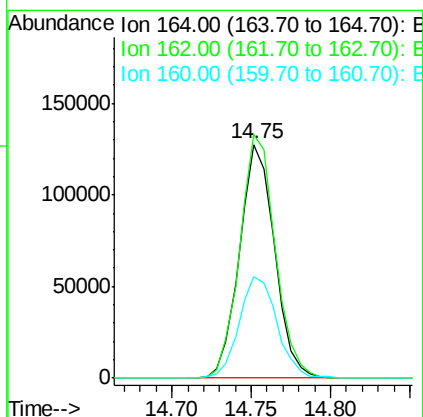
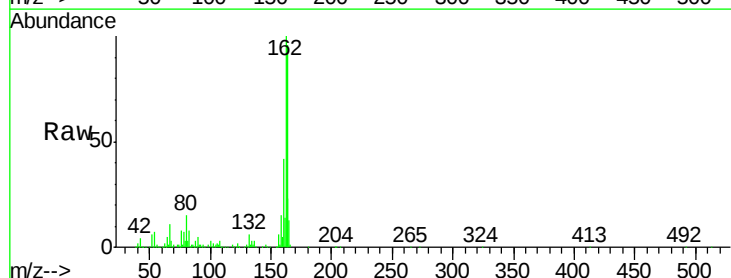
Instrument :
 BNA_G
 ClientSampleId :
 PB93238BL

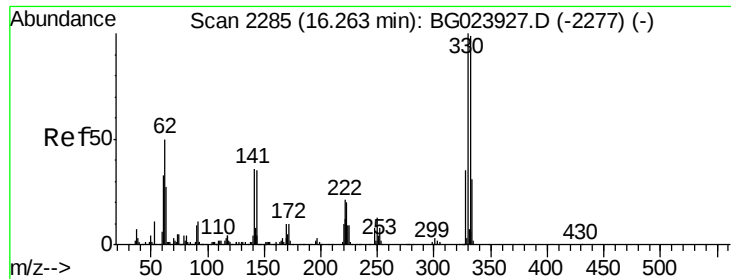
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	51.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	87.7	131.5
160	43.7	37.2	55.8

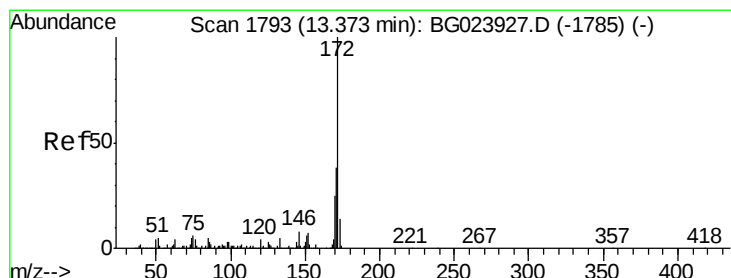
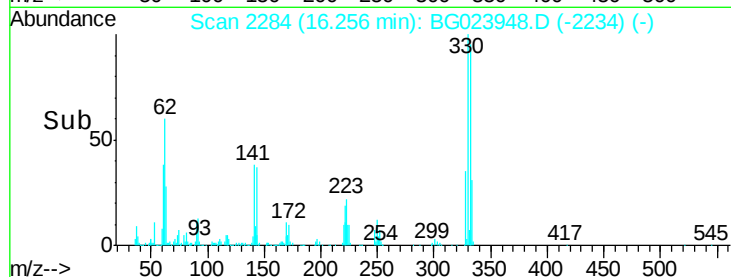
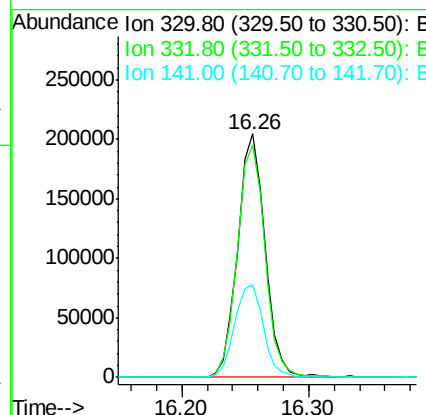
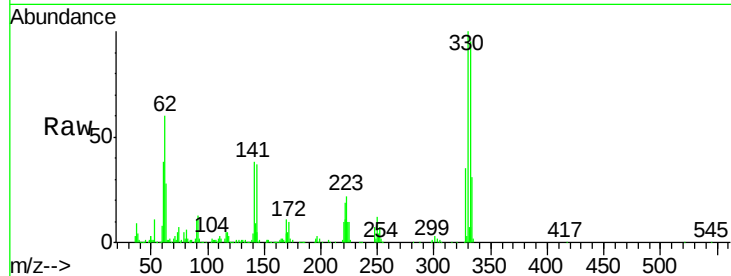




#41
 2,4,6-Tribromophenol
 Concen: 86.51 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

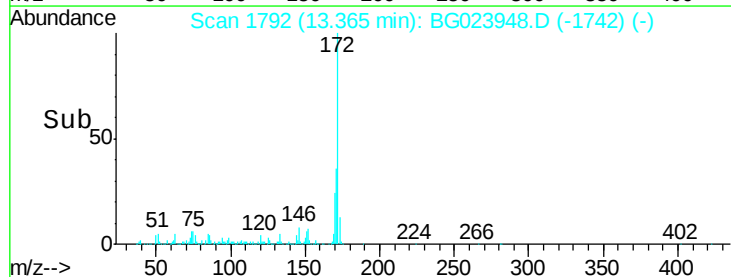
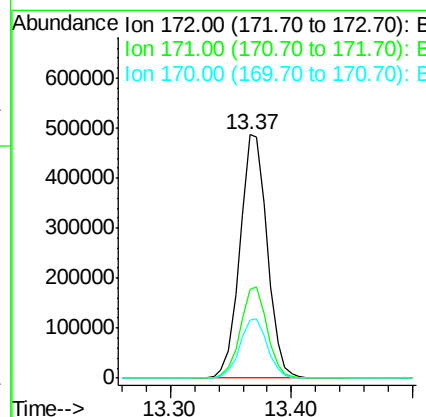
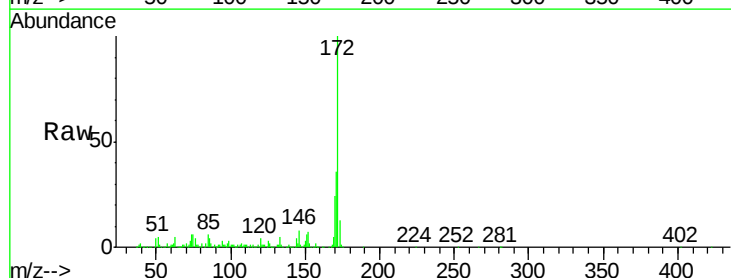
Instrument :
 BNA_G
 ClientSampled :
 PB93238BL

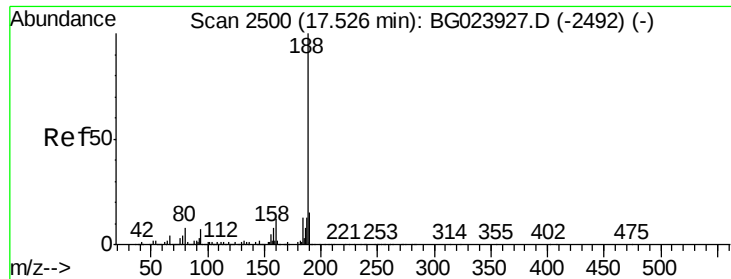
Tgt Ion:330 Resp: 304807
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 40.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 56.32 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG023948.D
 Acq: 6 Sep 2016 14:59

Tgt Ion:172 Resp: 768209
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.6 47.4
 170 23.9 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Instrument :

BNA_G

ClientSampleId :

PB93238BL

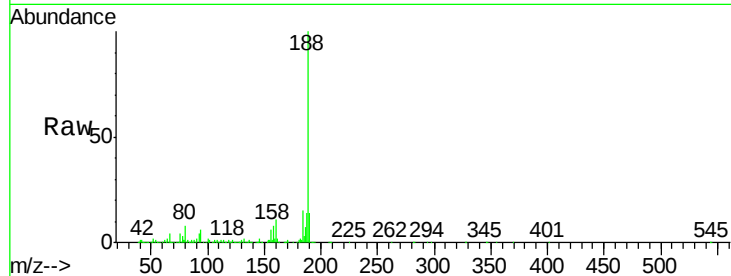
Tgt Ion:188 Resp: 519719

Ion Ratio Lower Upper

188 100

94 6.5 5.2 7.8

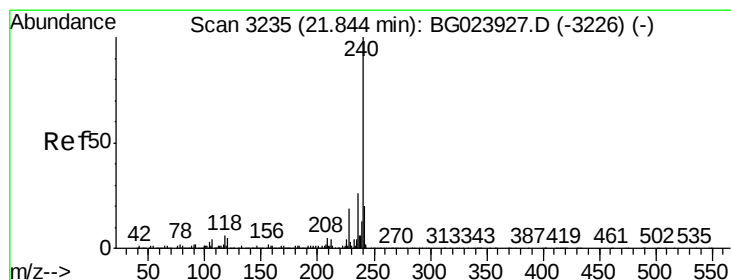
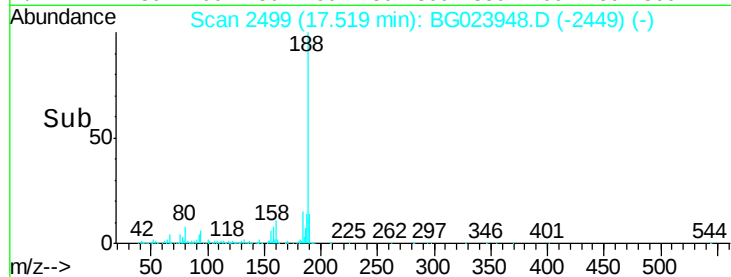
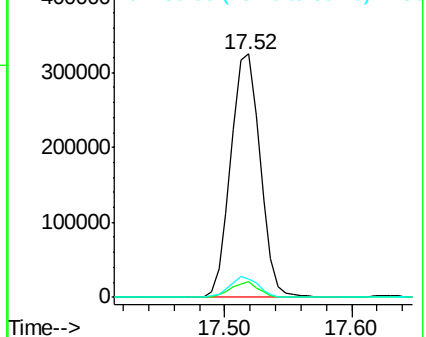
80 7.7 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

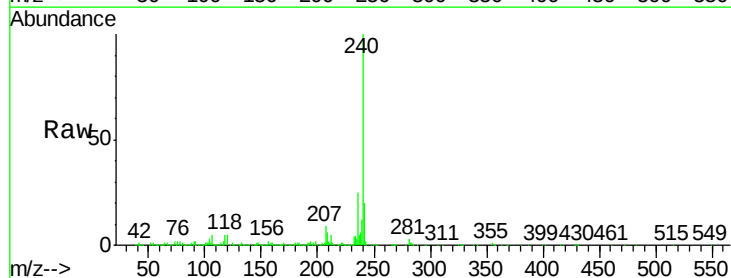
Tgt Ion:240 Resp: 599611

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

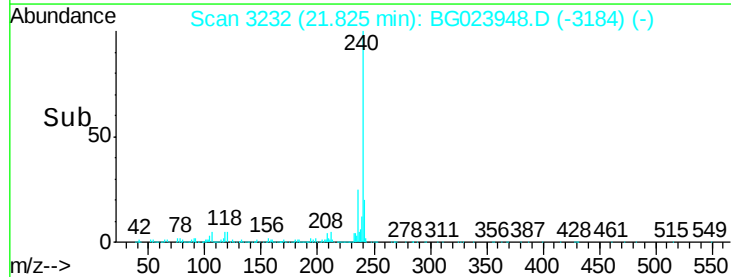
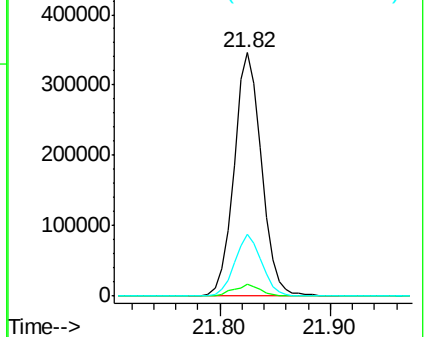
236 25.3 21.1 31.7

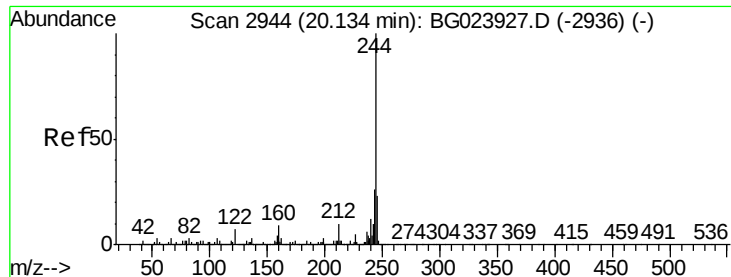


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.76 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

Instrument :

BNA_G

ClientSampleId :

PB93238BL

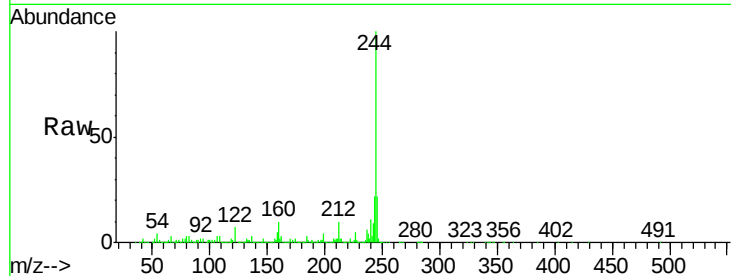
Tgt Ion:244 Resp: 1389227

Ion Ratio Lower Upper

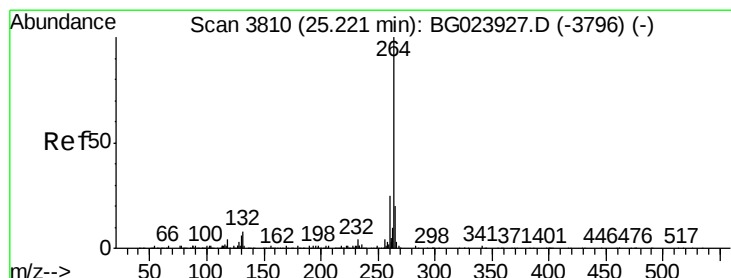
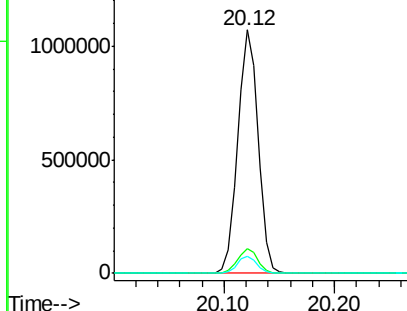
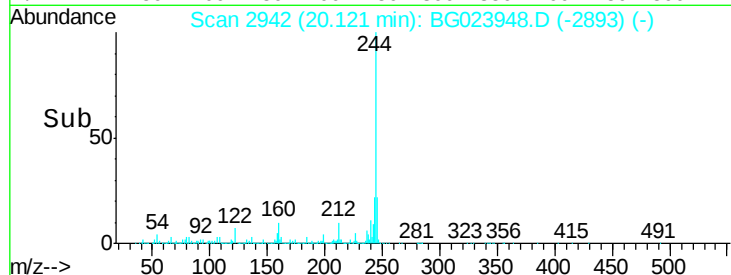
244 100

212 10.4 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: 25.18 min Scan# 3804

Delta R.T. -0.04 min

Lab File: BG023948.D

Acq: 6 Sep 2016 14:59

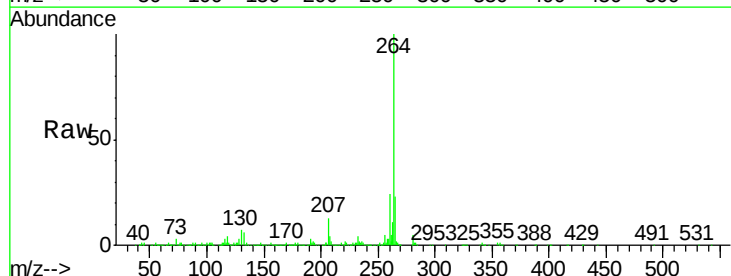
Tgt Ion:264 Resp: 596002

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.8 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

