

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024015.D
 Acq On : 17 Sep 2016 4:57
 Operator : UM/SJ
 Sample : PB93419BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93419BL

Quant Time: Sep 17 05:45:46 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 04:50:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39875	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	186513	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	163717	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	415372	20.00	ng	0.00
75) Chrysene-d12	21.81	240	451413	20.00	ng	0.00
86) Perylene-d12	25.15	264	440845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	349066	153.69	ng	0.00
7) Phenol-d6	7.23	99	511497	146.30	ng	0.00
23) Nitrobenzene-d5	9.23	82	383600	91.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	327369	110.99	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	818793	71.70	ng	0.00
78) Terphenyl-d14	20.10	244	1607653	81.11	ng	0.00

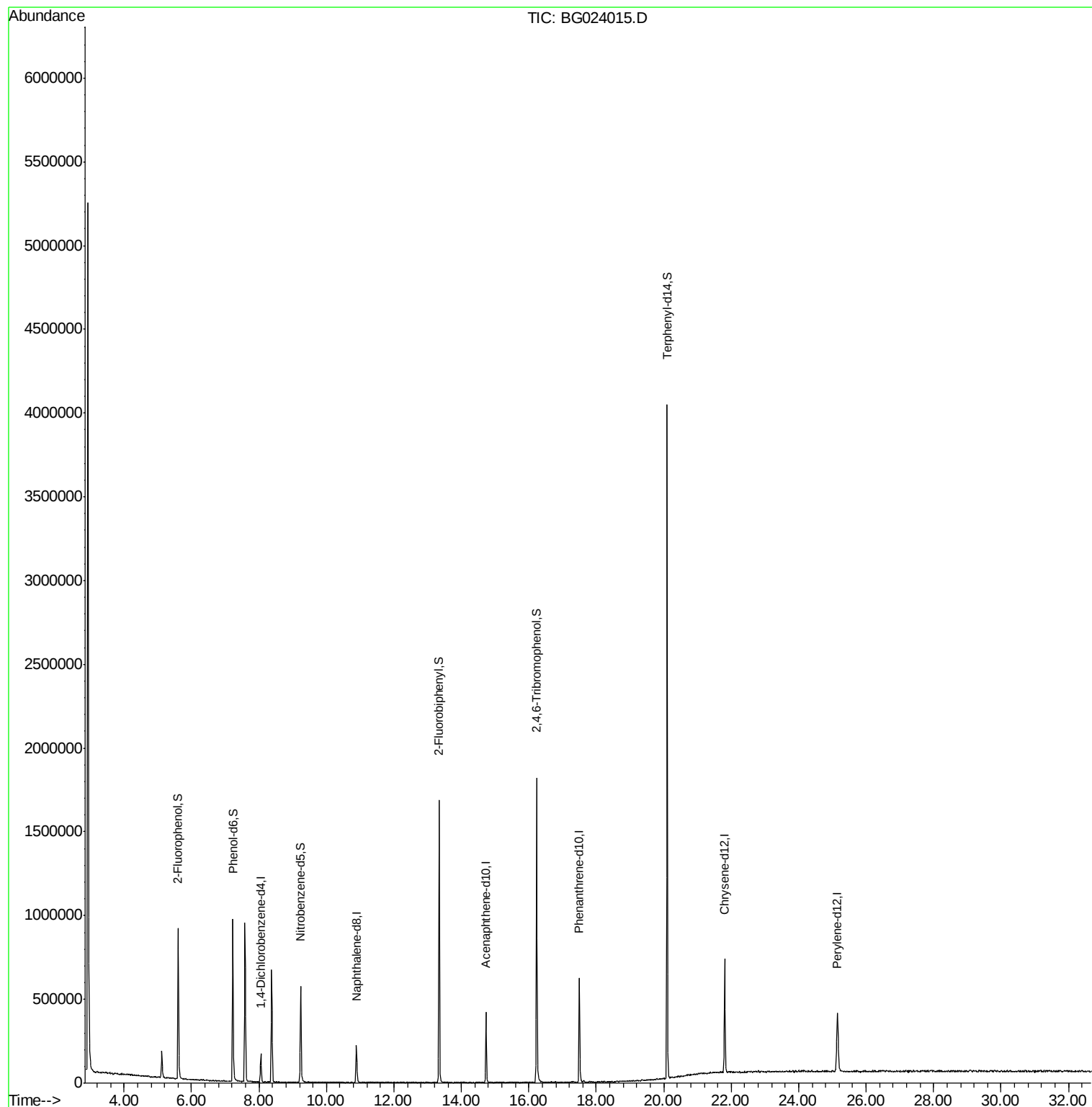
Target Compounds Qvalue

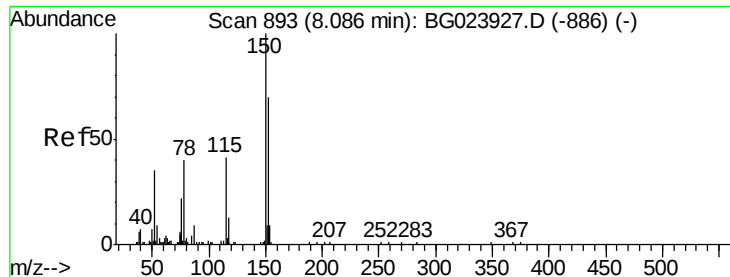
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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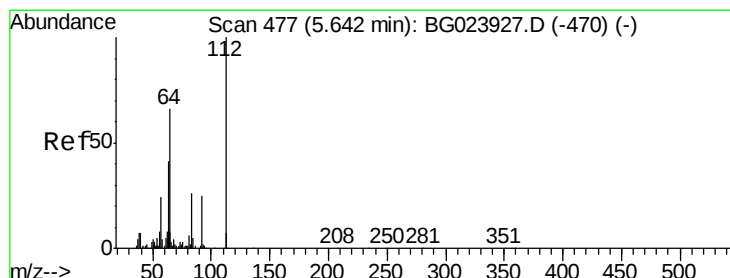
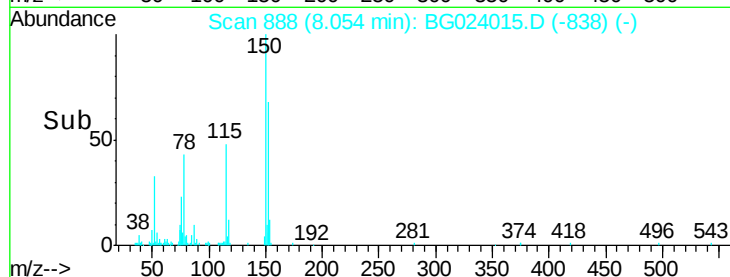
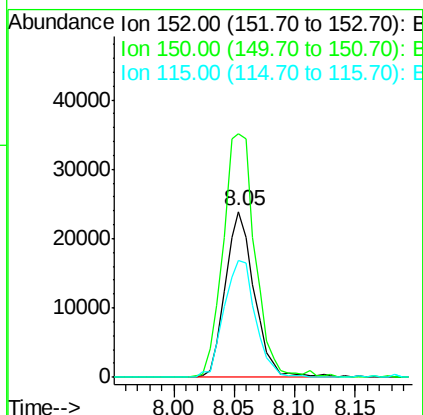
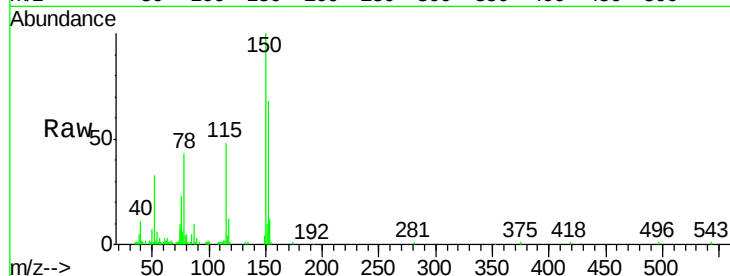


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Instrument :
BNA_G
ClientSampleId :
PB93419BL

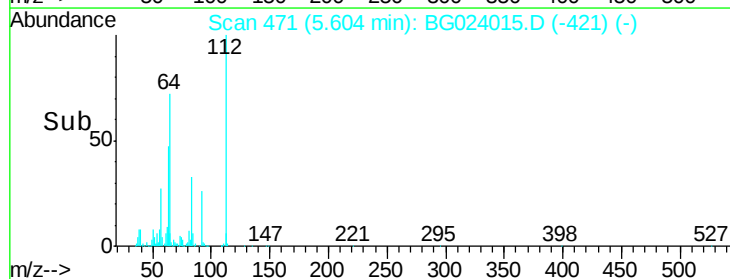
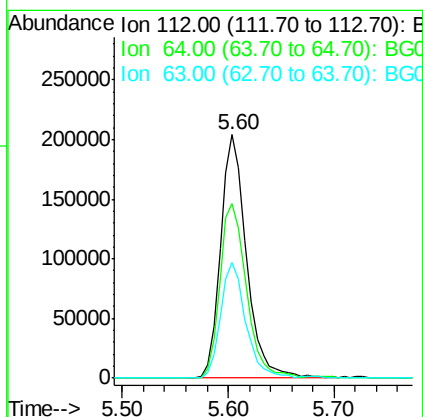
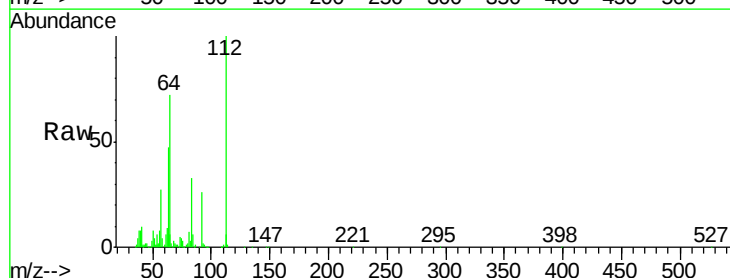
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	144.7	217.1
115	70.3	64.0	96.0

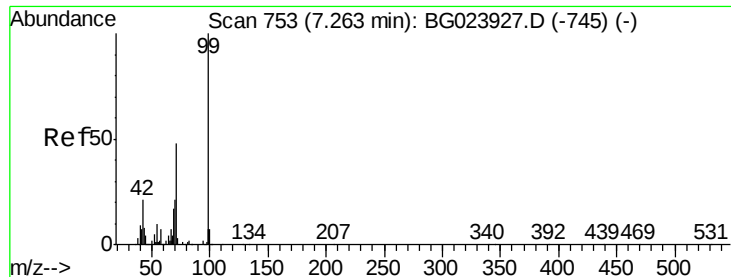


#5

2-Fluorophenol
Concen: 153.69 ng
RT: 5.60 min Scan# 471
Delta R.T. -0.01 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	59.0	88.4
63	47.2	37.8	56.8





#7

Phenol-d6

Concen: 146.30 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Instrument :

BNA_G

ClientSampleId :

PB93419BL

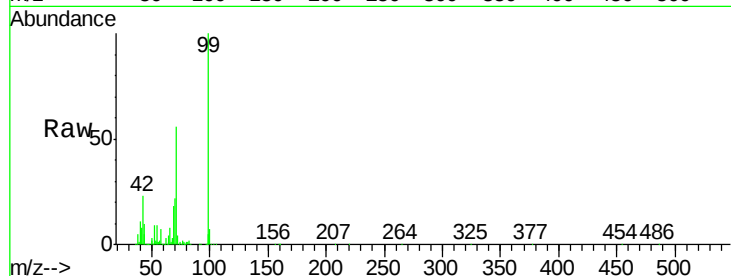
Tot Ion: 99 Resp: 511497

Ion Ratio Lower Upper

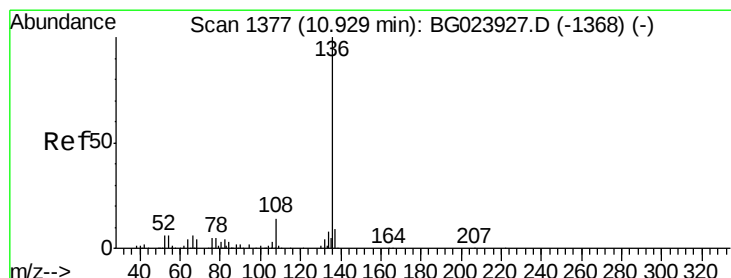
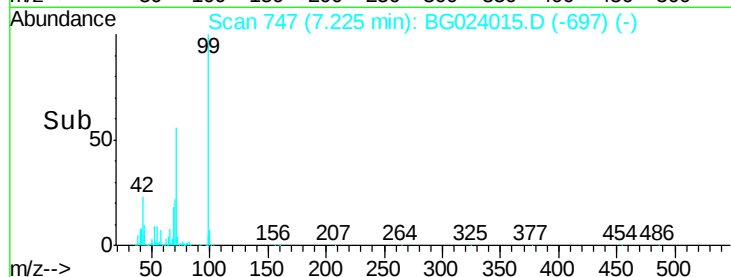
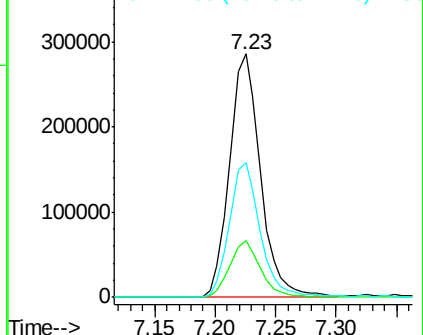
99 100

42 23.1 17.8 26.6

71 55.5 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: 10.88 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Tgt Ion: 136 Resp: 186513

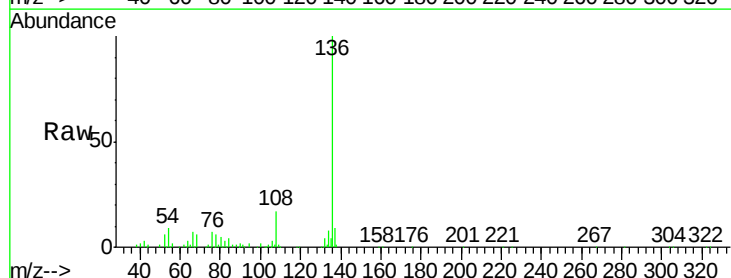
Ion Ratio Lower Upper

136 100

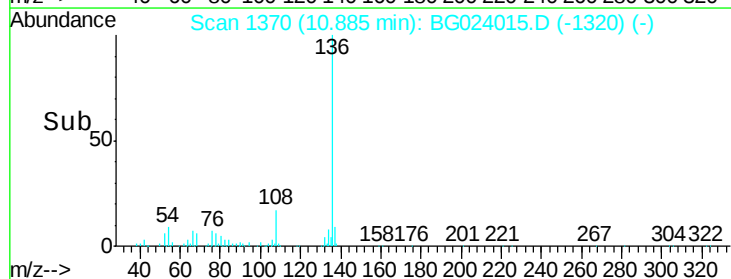
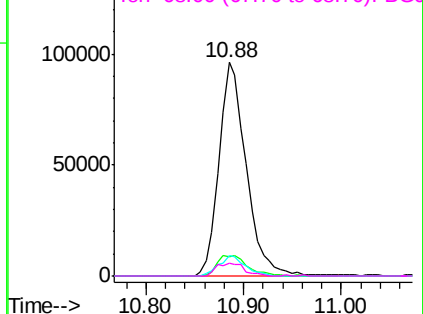
137 9.3 9.6 14.4#

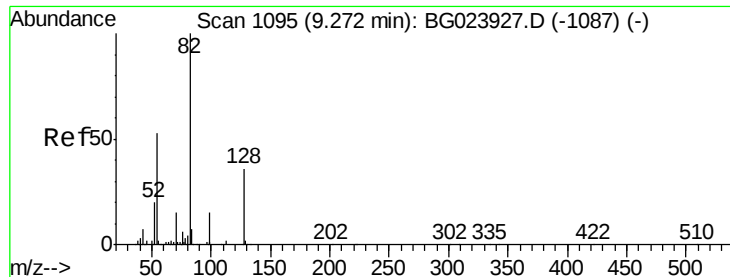
54 9.4 7.3 10.9

68 6.1 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

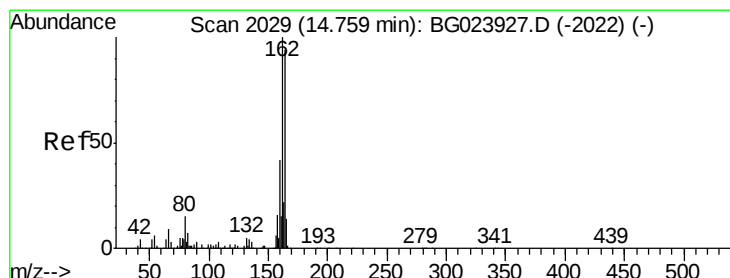
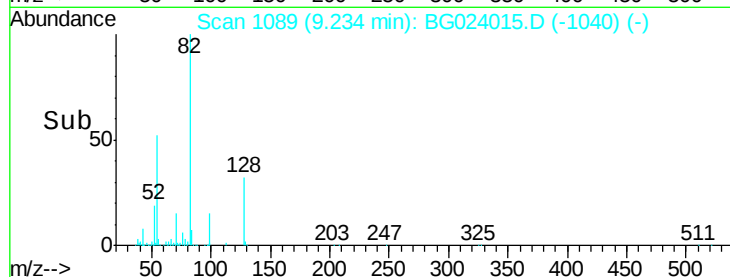
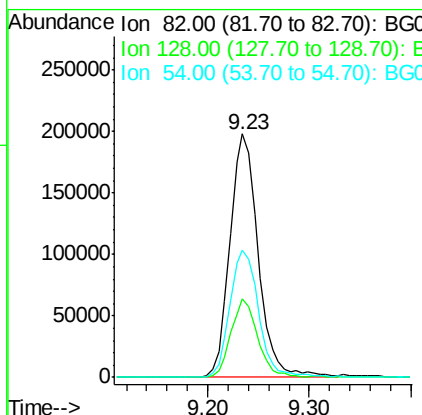
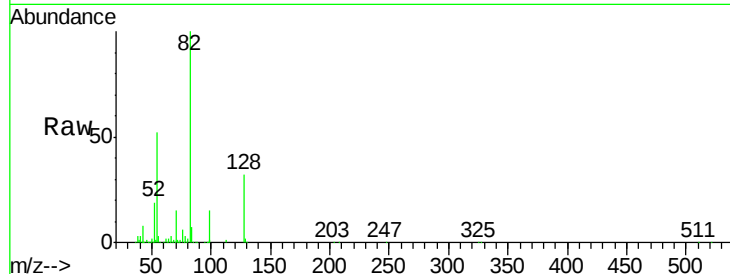




#23
 Nitrobenzene-d5
 Concen: 91.82 ng
 RT: 9.23 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024015.D
 Acq: 17 Sep 2016 4:57

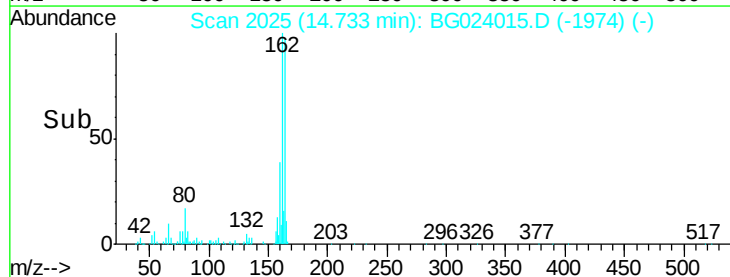
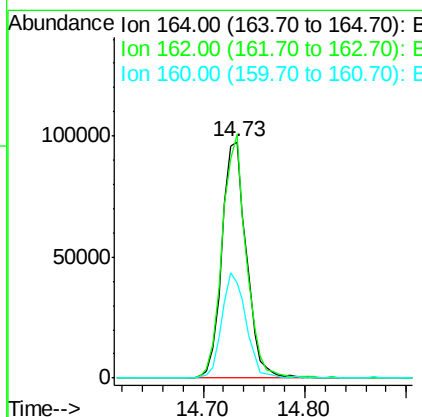
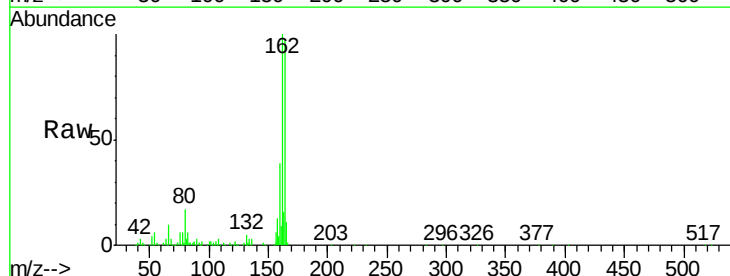
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BL

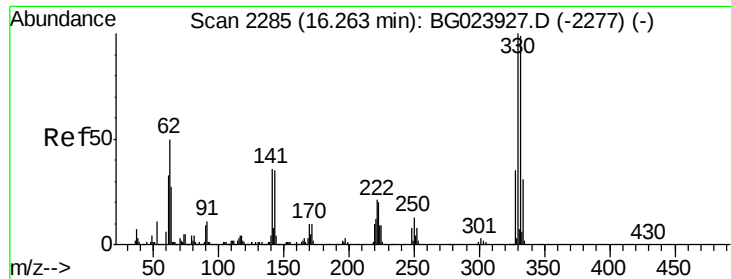
Tot Ion	82	Resp	383600
Ion Ratio	Lower	Upper	
82	100		
128	32.4	24.4	36.6
54	52.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BG024015.D
 Acq: 17 Sep 2016 4:57

Tgt Ion	164	Resp	163717
Ion Ratio	Lower	Upper	
164	100		
162	103.2	87.7	131.5
160	40.5	37.2	55.8

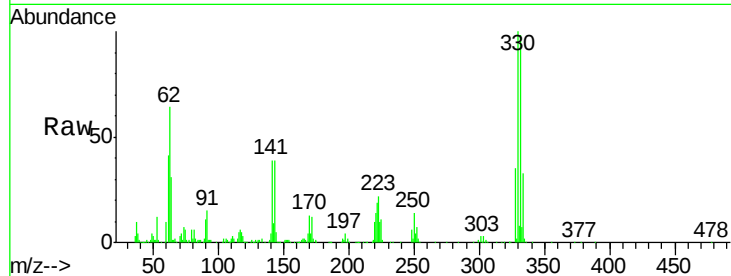




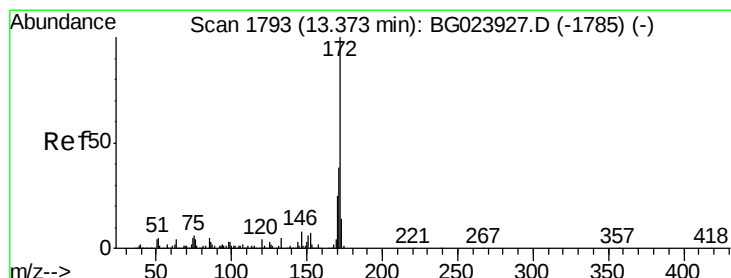
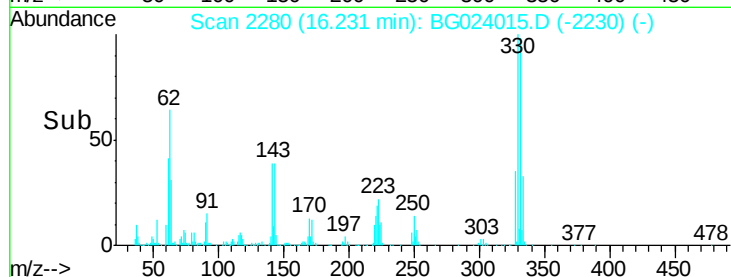
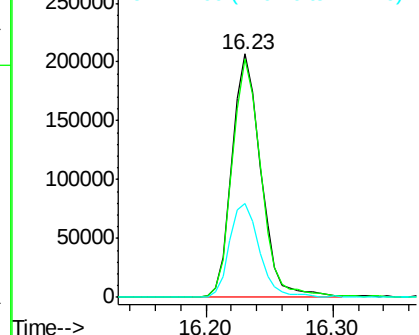
#41
 2,4,6-Tribromophenol
 Concen: 110.99 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG024015.D
 Acq: 17 Sep 2016 4:57

Instrument :
 BNA_G
 ClientSampleId :
 PB93419BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	39.8	31.7	47.5

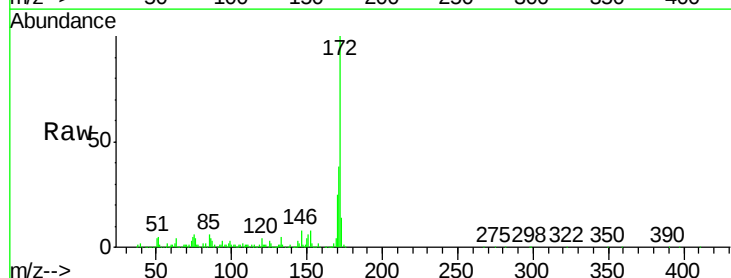


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

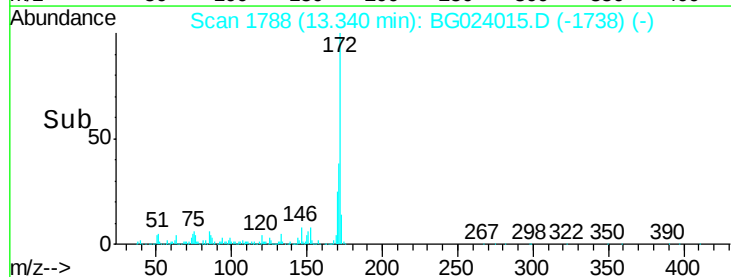
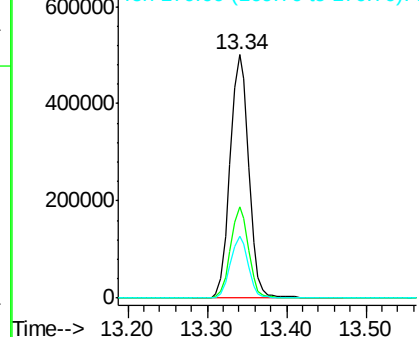


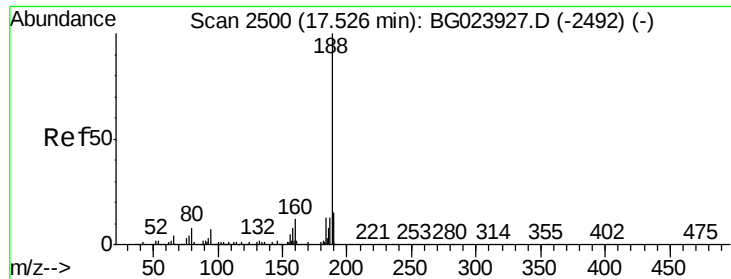
#44
 2-Fluorobiphenyl
 Concen: 71.70 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG024015.D
 Acq: 17 Sep 2016 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.6	47.4
170	25.3	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: 17.49 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Instrument :

BNA_G

ClientSampleId :

PB93419BL

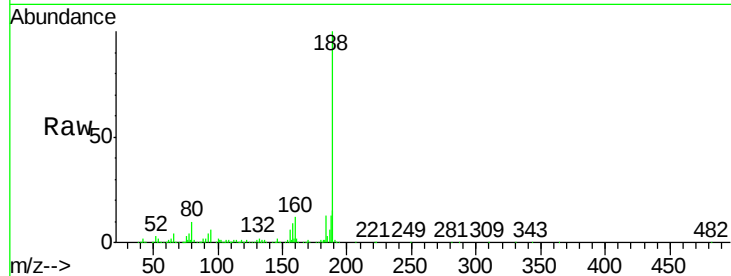
Tot Ion:188 Resp: 415372

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

80 9.8 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

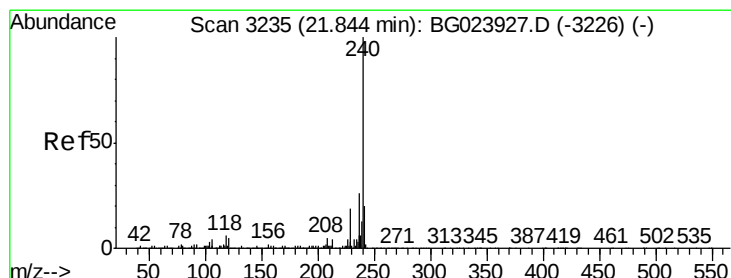
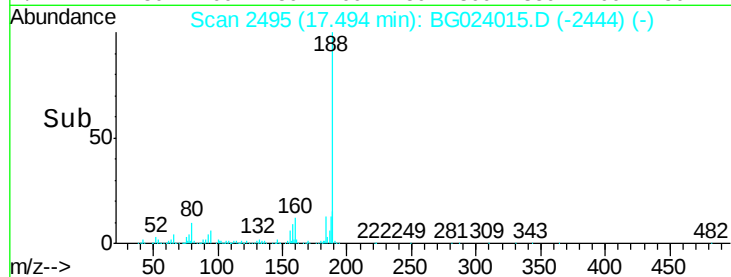
50000

0

17.49

17.40 17.50 17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

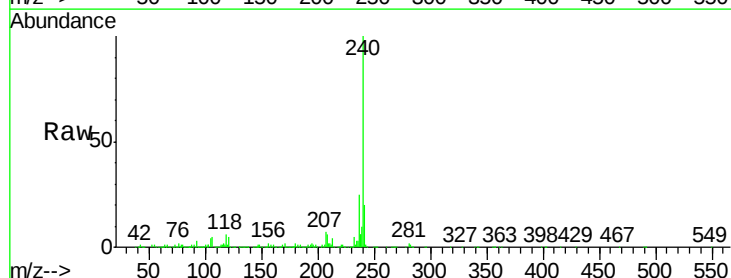
Tgt Ion:240 Resp: 451413

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

236 24.7 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

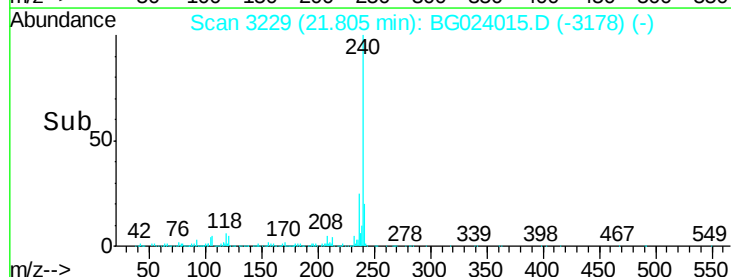
100000

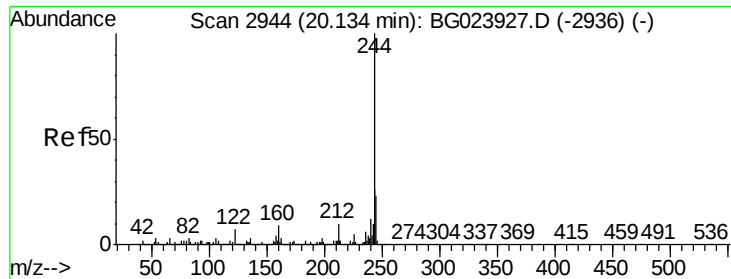
0

21.81

21.70 21.80 21.90

Time-->





#78

Terphenyl-d14

Concen: 81.11 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Instrument :

BNA_G

ClientSampleId :

PB93419BL

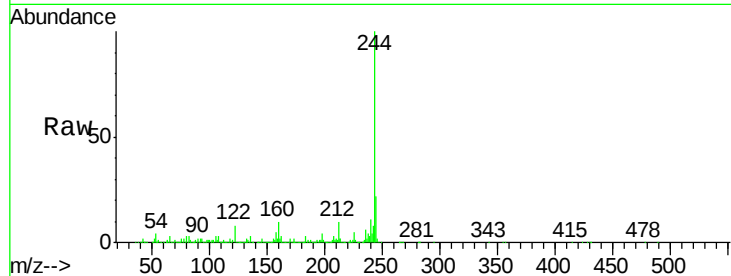
Tot Ion:244 Resp: 1607653

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

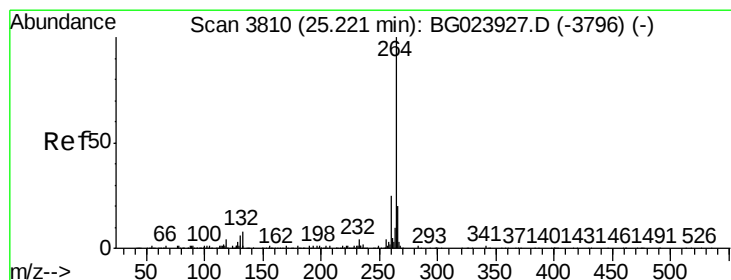
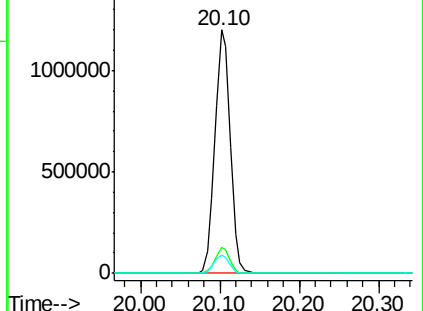
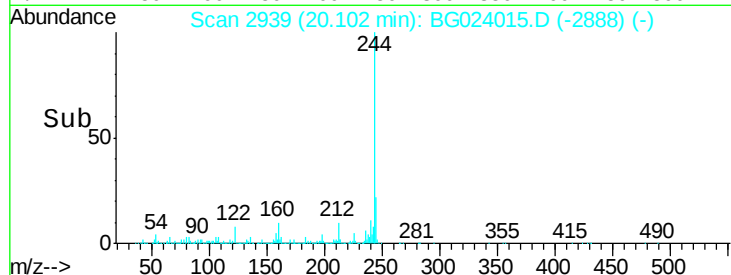
122 7.8 8.0 12.0#



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# 3799

Delta R.T. 0.01 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

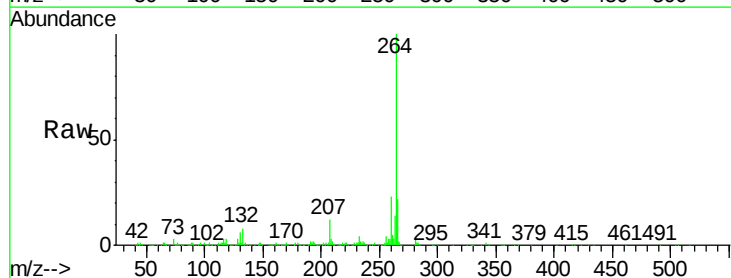
Tgt Ion:264 Resp: 440845

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 22.1 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

