

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG023994.D
 Acq On : 16 Sep 2016 15:31
 Operator : UM/SJ
 Sample : H4790-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416

Quant Time: Sep 17 00:17:55 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

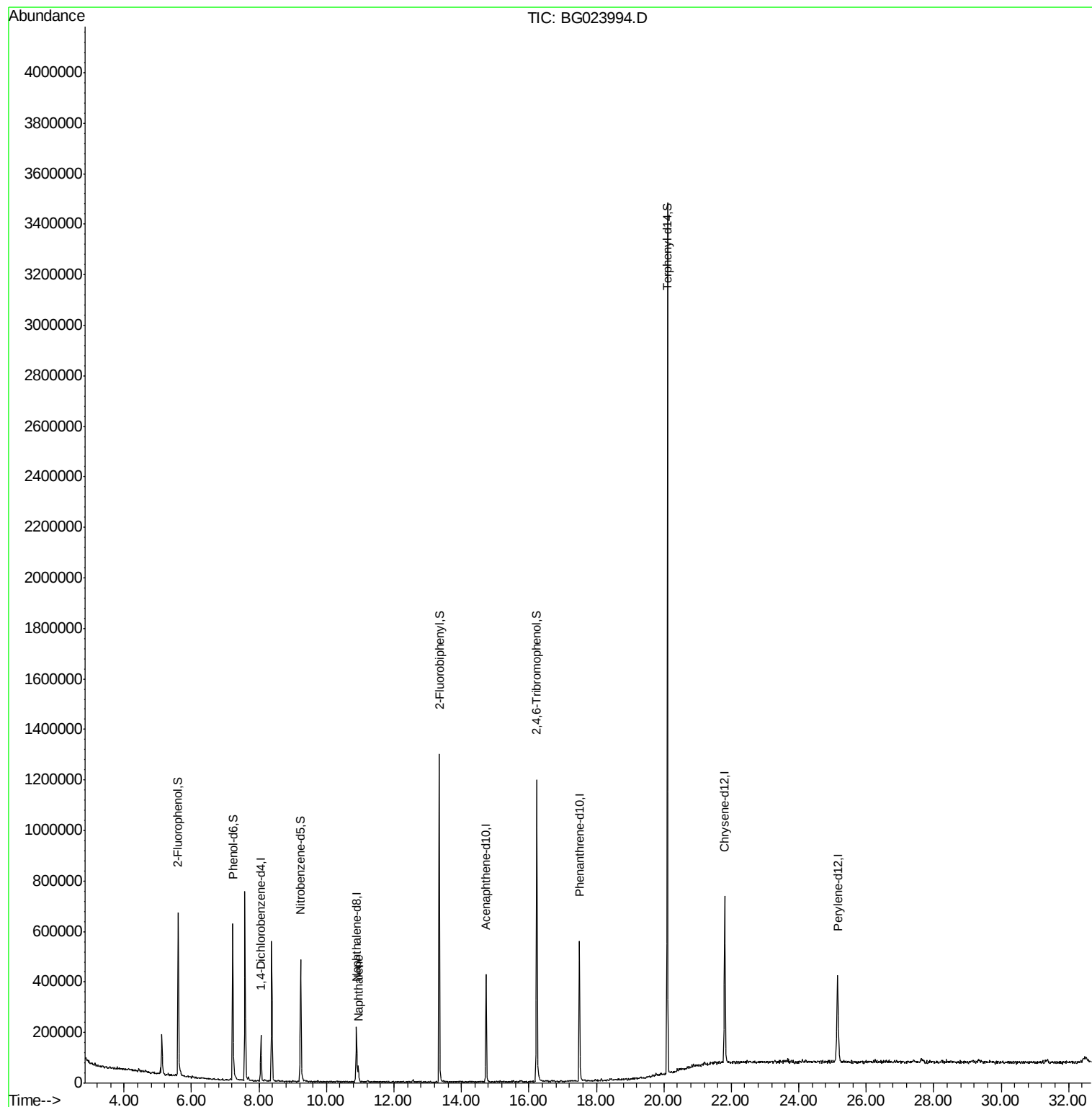
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47170	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	184329	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	152060	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	365060	20.00	ng	0.00
75) Chrysene-d12	21.80	240	461547	20.00	ng	0.00
86) Perylene-d12	25.16	264	440678	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	257434	95.82	ng	0.00
7) Phenol-d6	7.22	99	346031	83.67	ng	0.00
23) Nitrobenzene-d5	9.24	82	328371	79.53	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	240795	87.89	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	670353	63.21	ng	0.00
78) Terphenyl-d14	20.10	244	1400841	69.12	ng	0.00
Target Compounds						
31) Naphthalene	10.94	128	50579	5.33	ng	Qvalue 96

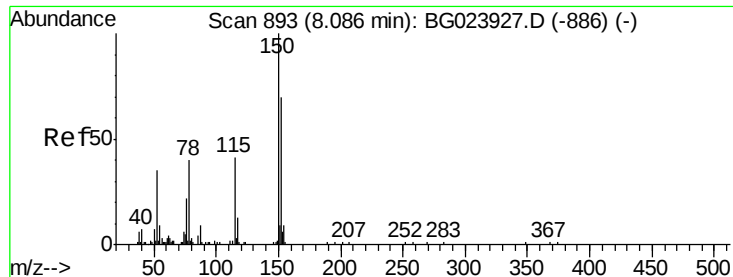
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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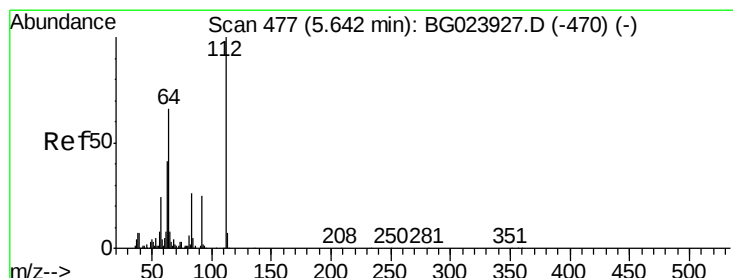
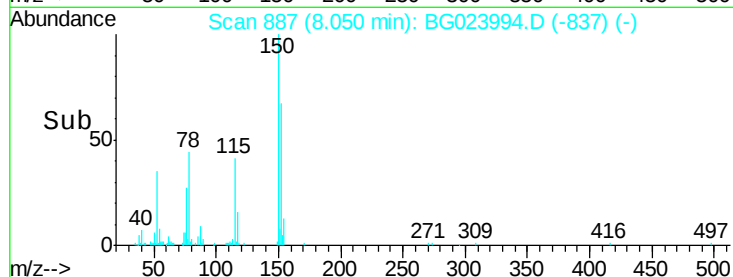
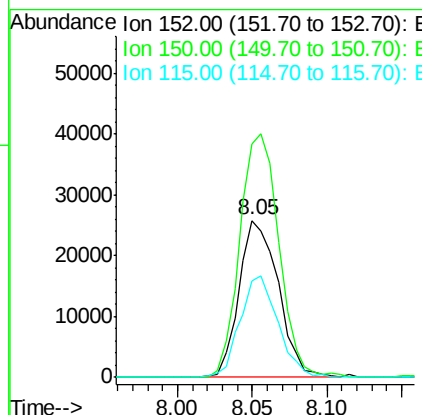
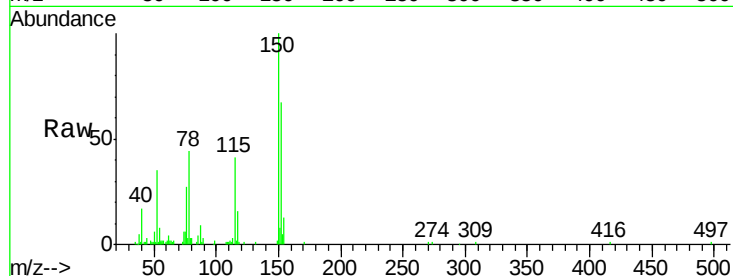


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

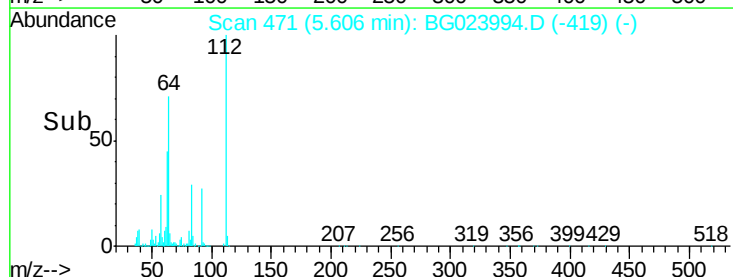
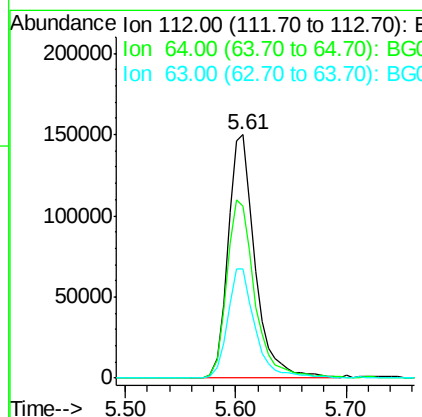
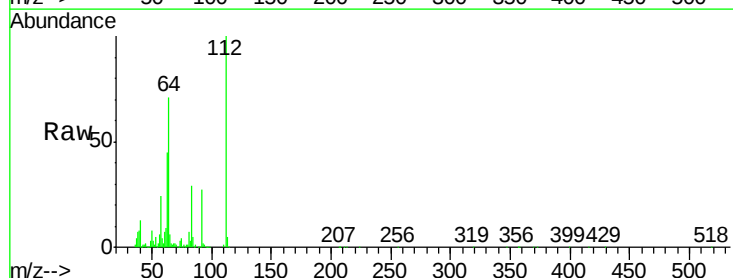
Tot Ion:152 Resp: 47170
Ion Ratio Lower Upper
152 100
150 148.7 144.7 217.1
115 61.1 64.0 96.0#

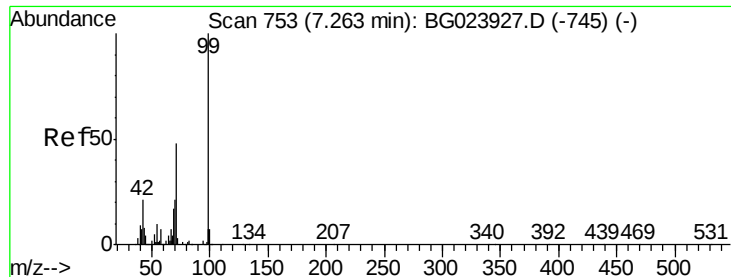


#5

2-Fluorophenol
Concen: 95.82 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.01 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion:112 Resp: 257434
Ion Ratio Lower Upper
112 100
64 70.6 59.0 88.4
63 45.0 37.8 56.8





#7

Phenol-d6

Concen: 83.67 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG023994.D

Acq: 16 Sep 2016 15:31

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416

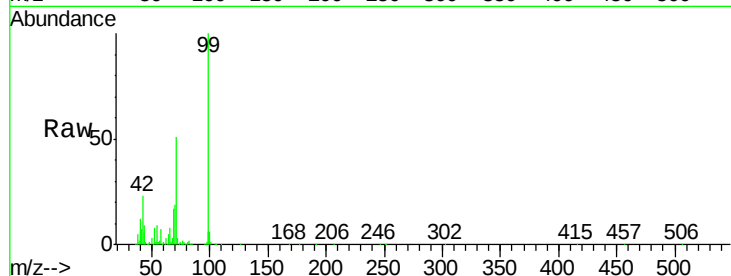
Tot Ion: 99 Resp: 346031

Ion Ratio Lower Upper

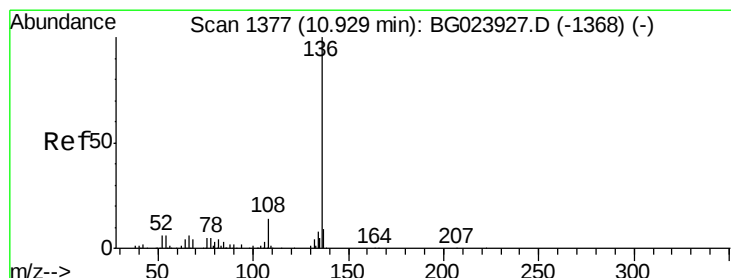
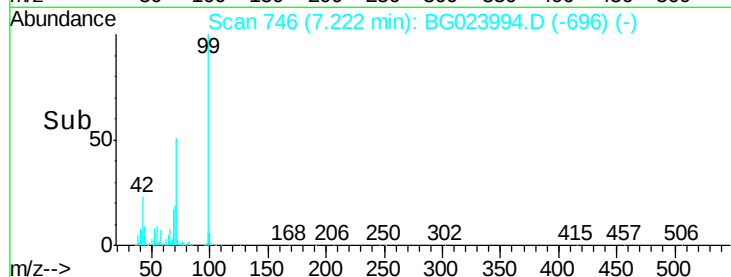
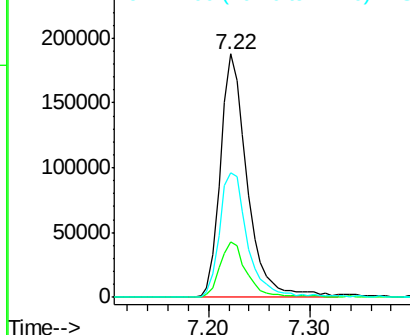
99 100

42 22.9 17.8 26.6

71 51.1 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: BG023994.D

Acq: 16 Sep 2016 15:31

Tgt Ion: 136 Resp: 184329

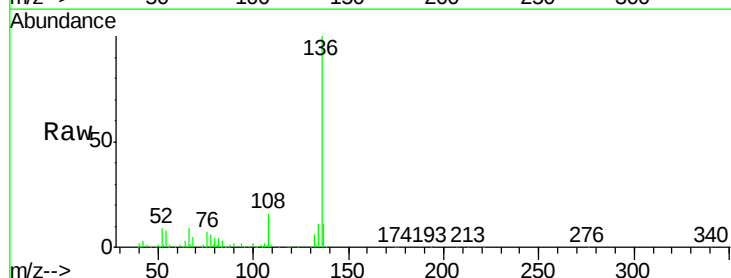
Ion Ratio Lower Upper

136 100

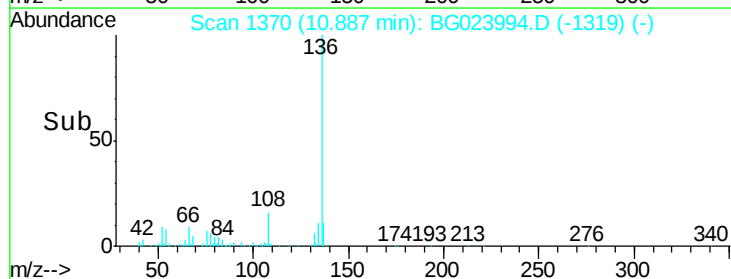
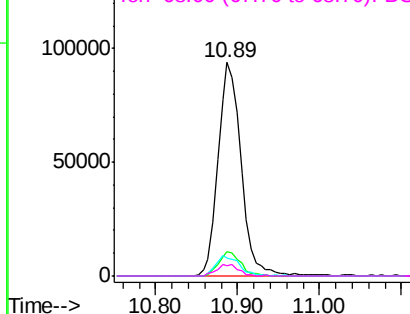
137 11.2 9.6 14.4

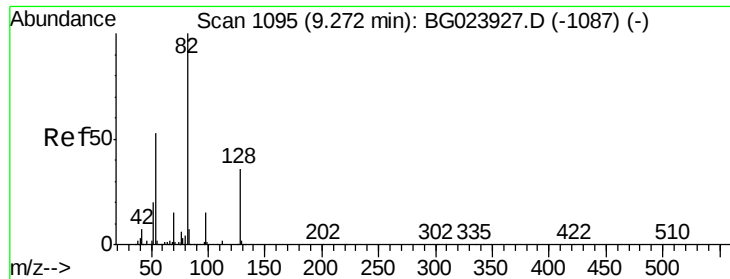
54 8.3 7.3 10.9

68 4.8 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

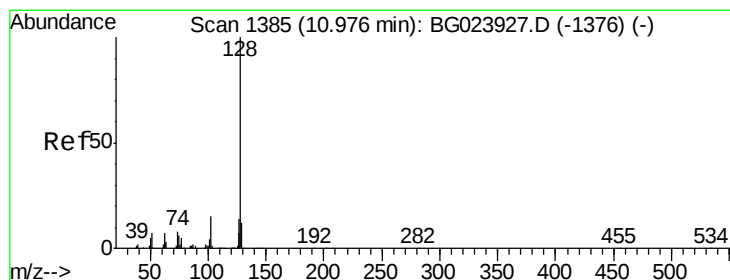
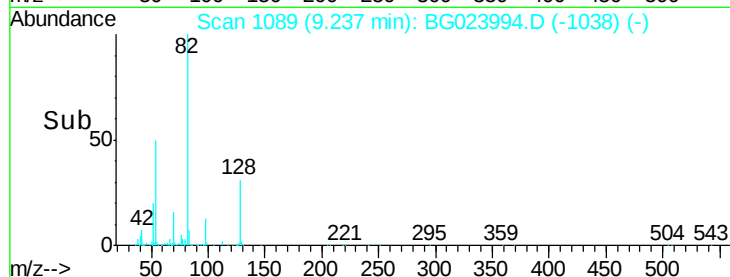
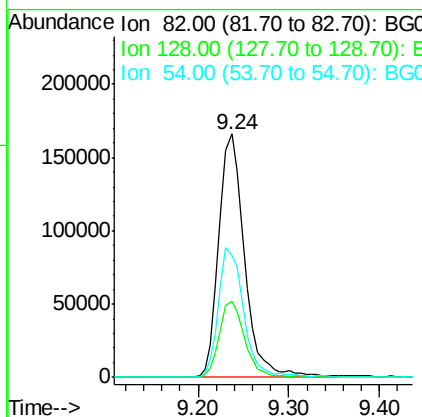
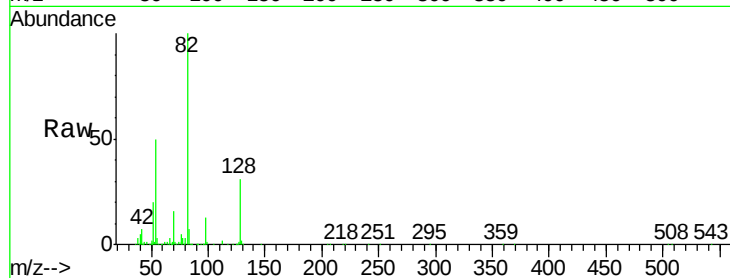




#23
Nitrobenzene-d5
Concen: 79.53 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

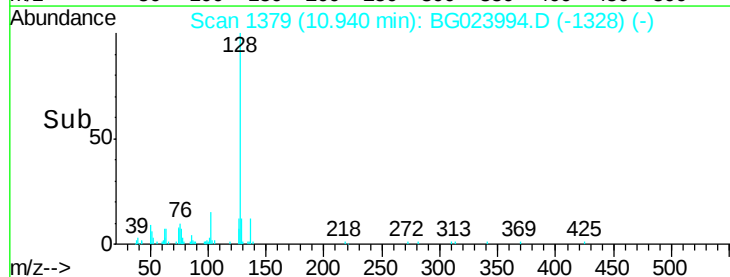
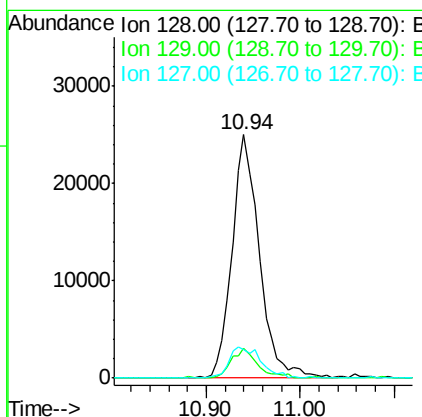
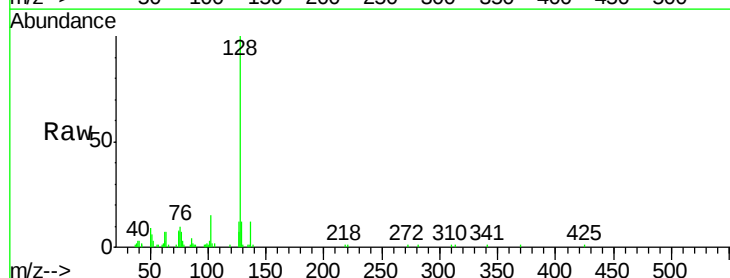
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

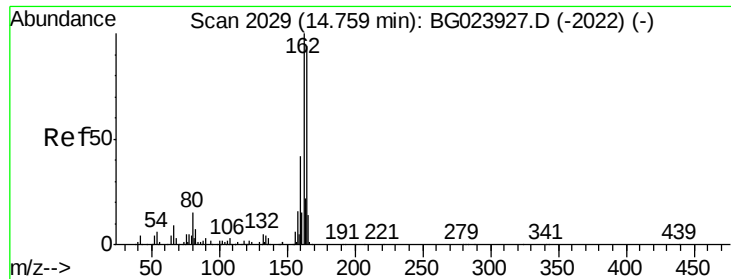
Tot Ion	82	Resp	328371
Ion Ratio	Lower	Upper	
82	100		
128	31.4	24.4	36.6
54	50.2	41.4	62.0



#31
Naphthalene
Concen: 5.33 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Tgt Ion	128	Resp	50579
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.4	14.0
127	11.7	11.3	16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG023994.D

Acq: 16 Sep 2016 15:31

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416

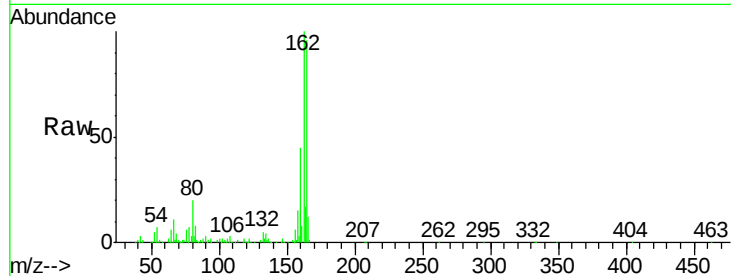
Tot Ion:164 Resp: 152060

Ion Ratio Lower Upper

164 100

162 104.3 87.7 131.5

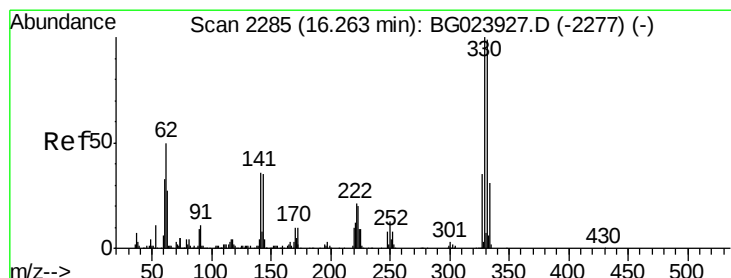
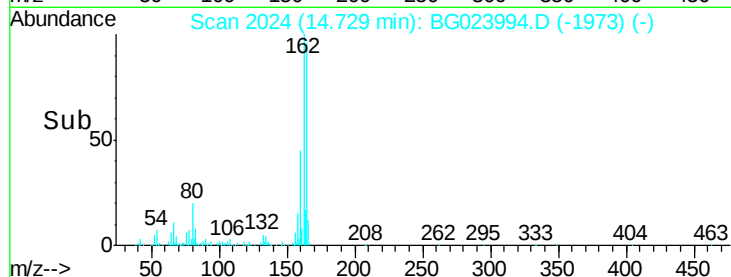
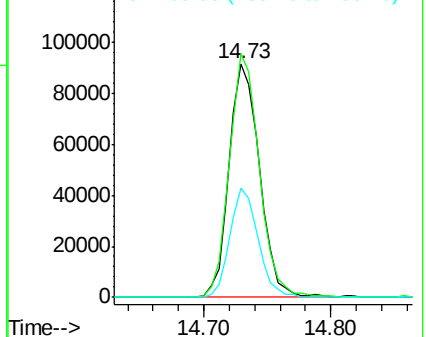
160 47.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 87.89 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG023994.D

Acq: 16 Sep 2016 15:31

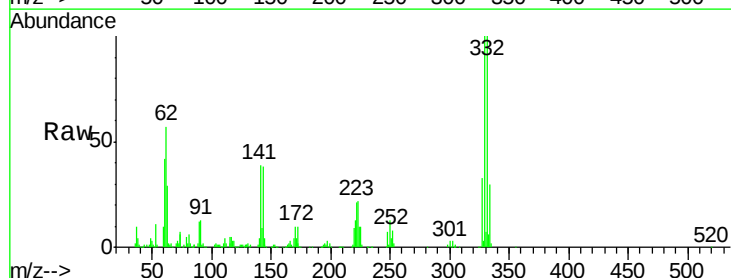
Tgt Ion:330 Resp: 240795

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

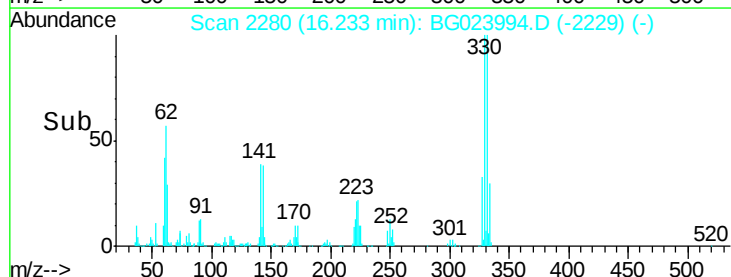
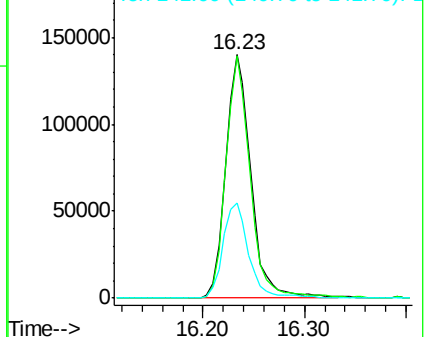
141 39.8 31.7 47.5

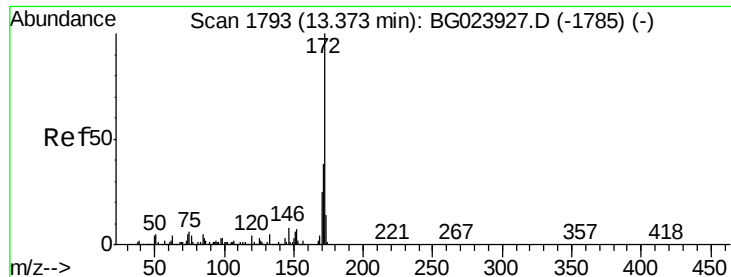


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

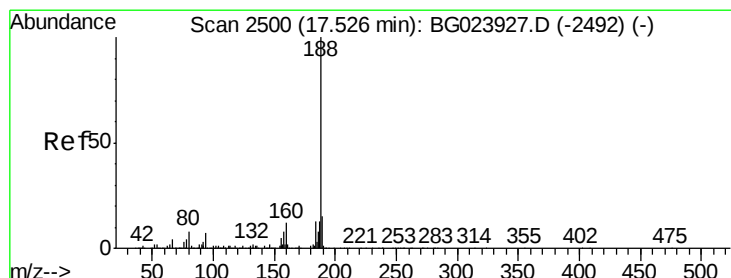
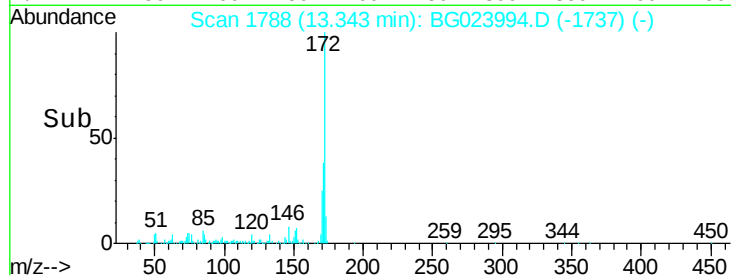
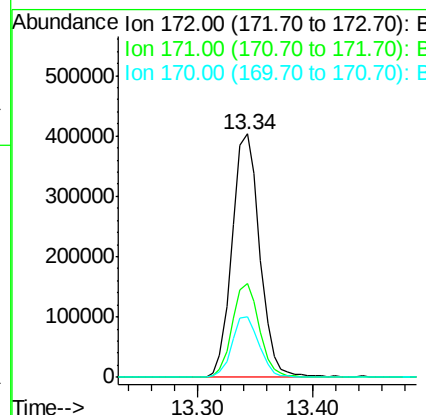
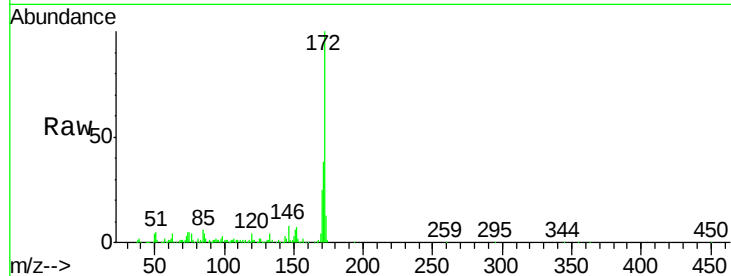




#44
 2-Fluorobiphenyl
 Concen: 63.21 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG023994.D
 Acq: 16 Sep 2016 15:31

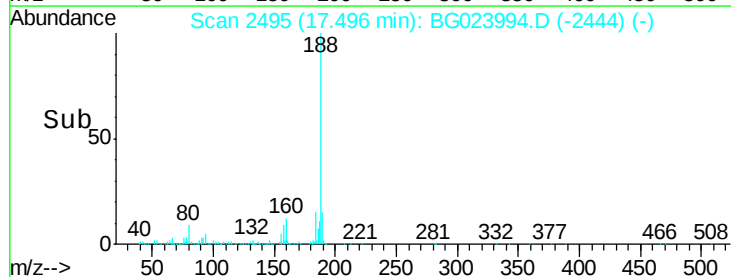
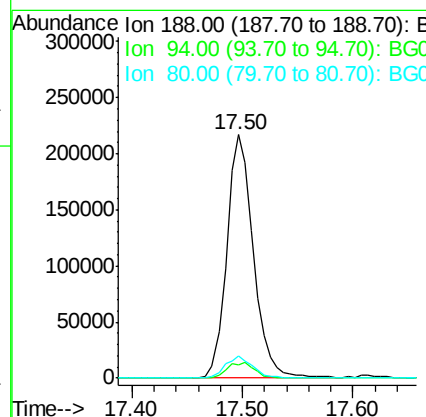
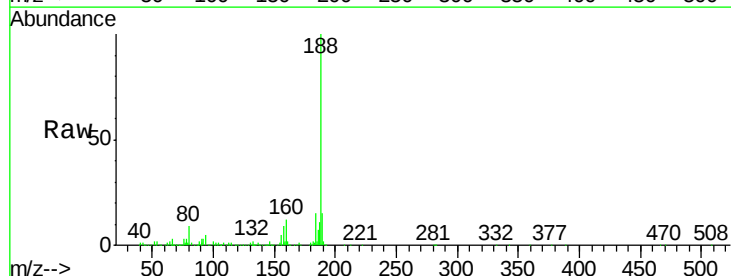
Instrument :
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 HSR-WC-70-091416

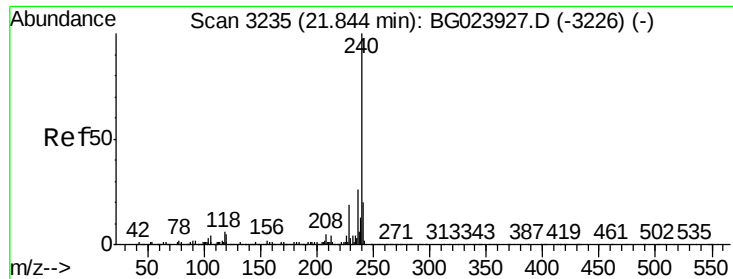
Tot Ion:172 Resp: 670353
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.6 47.4
 170 24.8 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG023994.D
 Acq: 16 Sep 2016 15:31

Tgt Ion:188 Resp: 365060
 Ion Ratio Lower Upper
 188 100
 94 5.4 5.2 7.8
 80 9.2 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG023994.D

Acq: 16 Sep 2016 15:31

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416

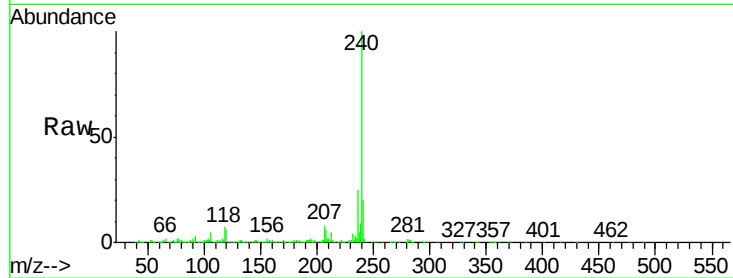
Tot Ion:240 Resp: 461547

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

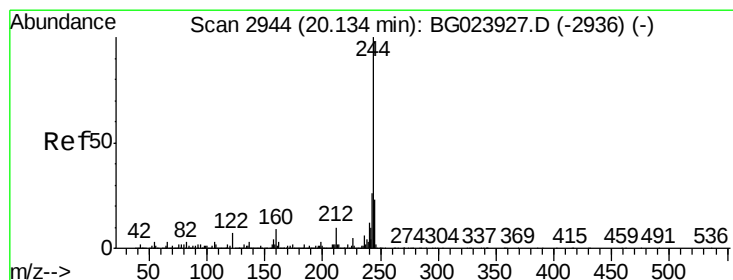
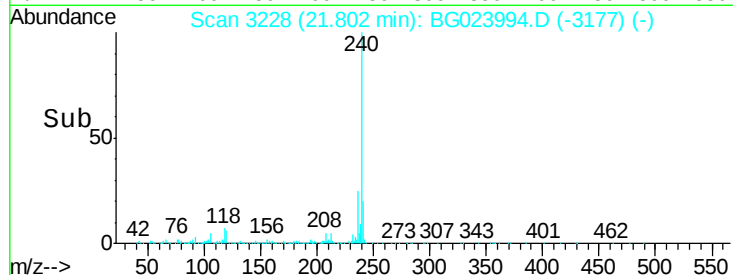
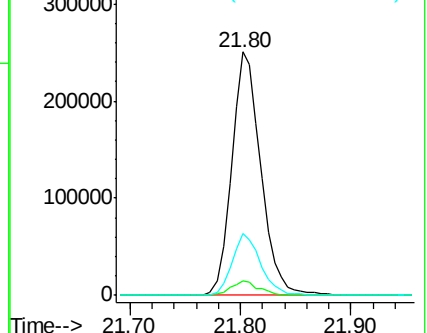
236 25.4 21.1 31.7



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



#78

Terphenyl-d14

Concen: 69.12 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG023994.D

Acq: 16 Sep 2016 15:31

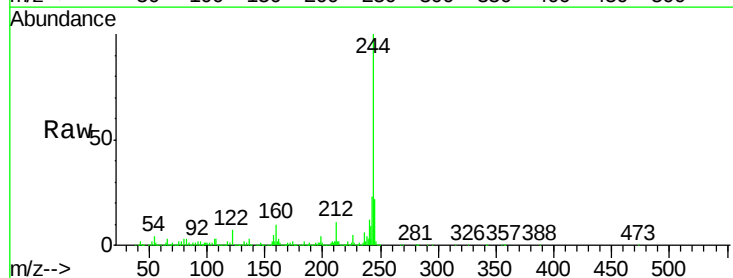
Tgt Ion:244 Resp: 1400841

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2#

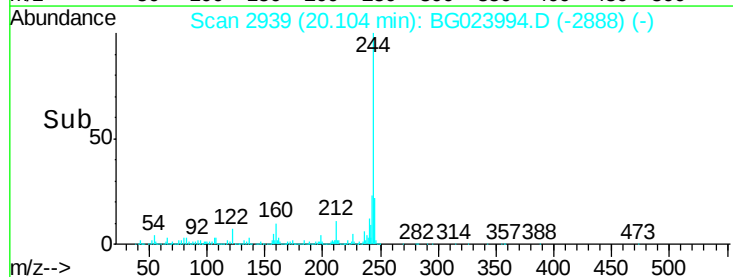
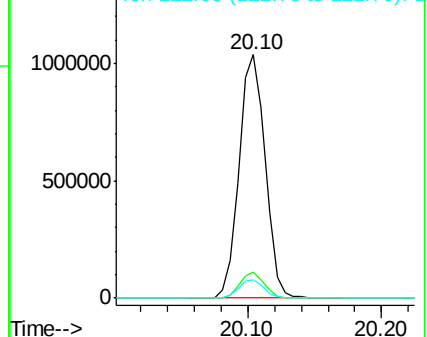
122 7.4 8.0 12.0#

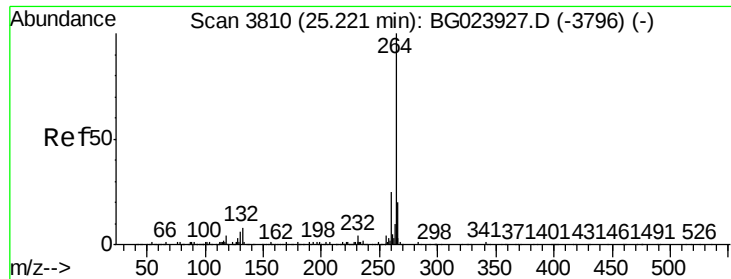


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

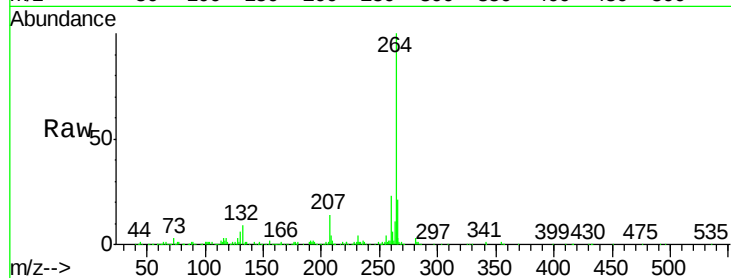




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. 0.01 min
Lab File: BG023994.D
Acq: 16 Sep 2016 15:31

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

