

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
 Data File : BG023731.D
 Acq On : 16 Aug 2016 17:24
 Operator : UM/SJ
 Sample : H4415-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

Quant Time: Aug 17 01:19:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	86507	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	350706	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	243666	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	665050	20.00	ng	0.00
75) Chrysene-d12	21.87	240	766340	20.00	ng	0.00
86) Perylene-d12	25.27	264	751964	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	740932	144.17	ng	0.00
7) Phenol-d6	7.28	99	1014049	126.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	763409	108.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	575142	161.37	ng	0.01
44) 2-Fluorobiphenyl	13.41	172	1502153	103.98	ng	0.01
78) Terphenyl-d14	20.16	244	2748970	120.18	ng	0.00

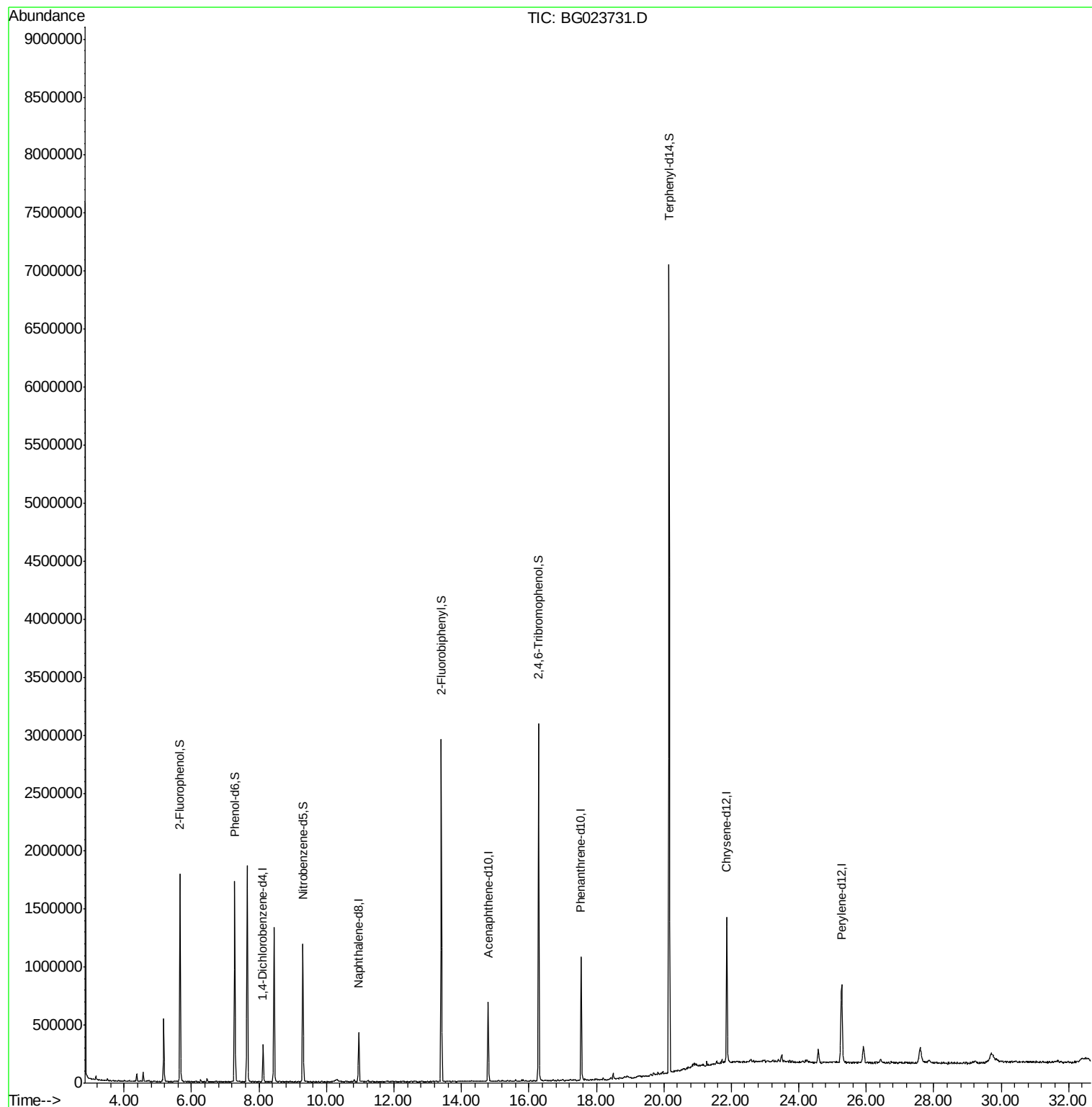
Target Compounds Qvalue

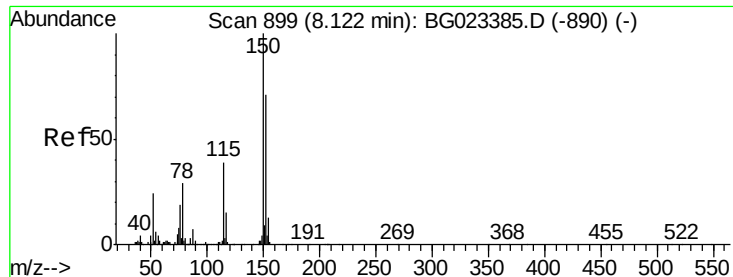
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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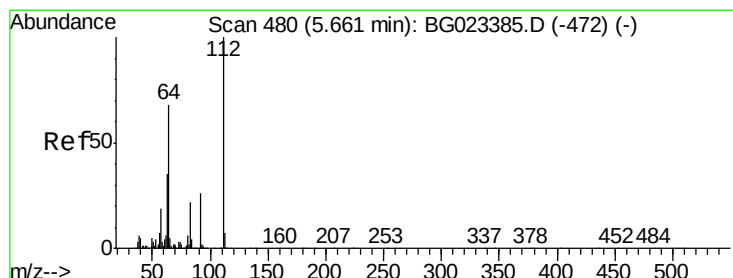
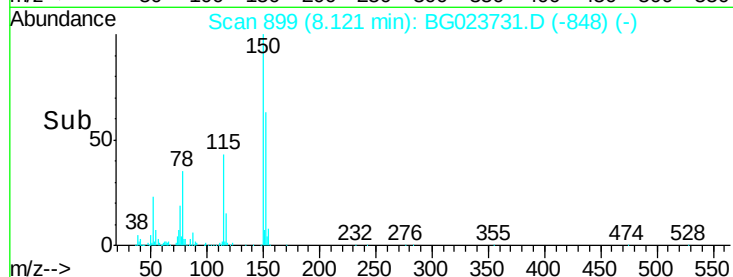
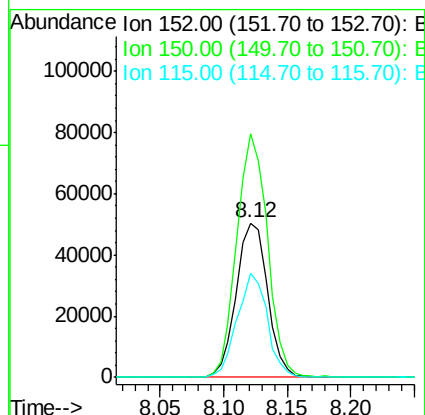
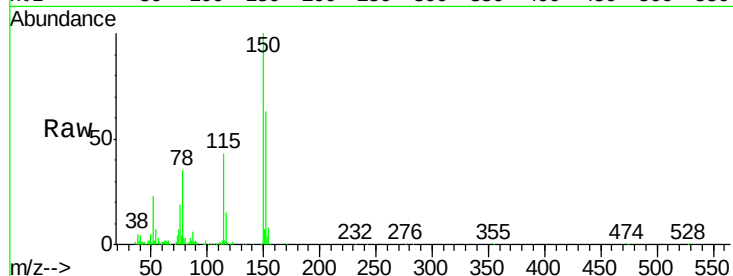


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023731.D
Acq: 16 Aug 2016 17:24

Instrument :
BNA_G
ClientSampleId :
HSR-WC-64-080916

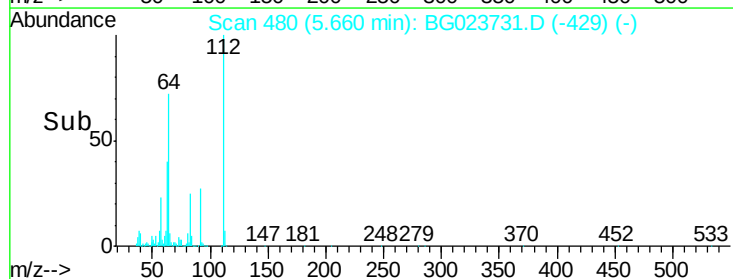
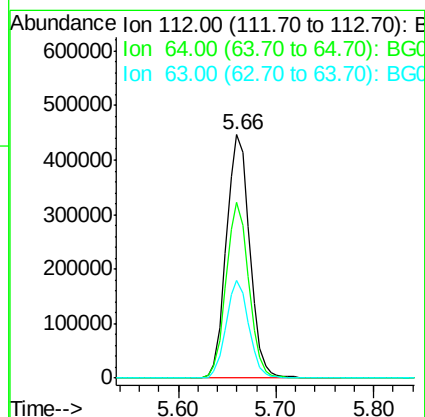
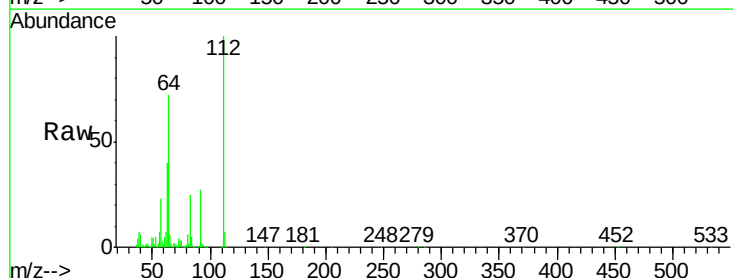
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	144.7	217.1
115	67.5	64.0	96.0

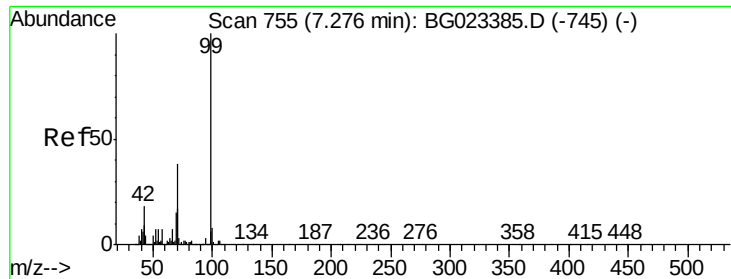


#5

2-Fluorophenol
Concen: 144.17 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.00 min
Lab File: BG023731.D
Acq: 16 Aug 2016 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	40.1	37.8	56.8





#7

Phenol-d6

Concen: 126.68 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

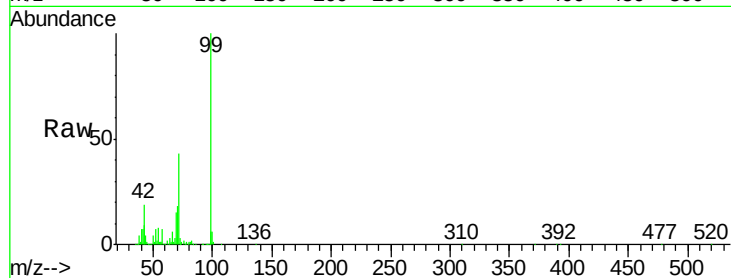
Tot Ion: 99 Resp: 1014049

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.8	26.6
71	42.6	41.5	62.3

99 100

42 18.9 17.8 26.6

71 42.6 41.5 62.3

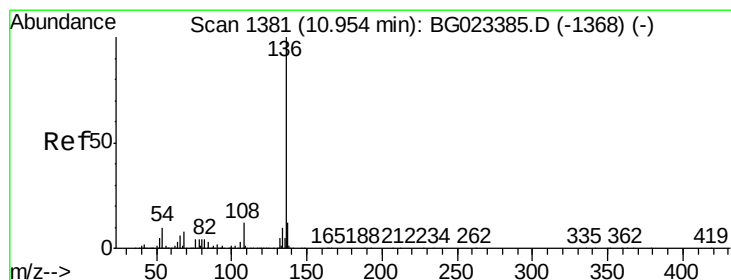
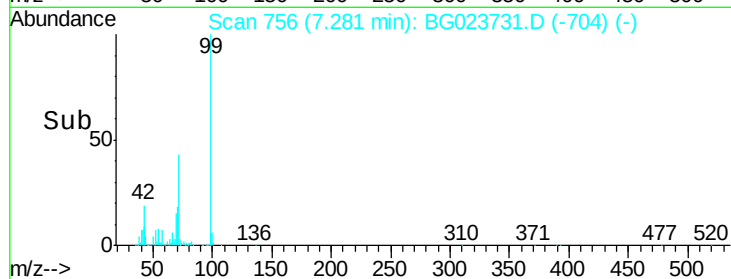
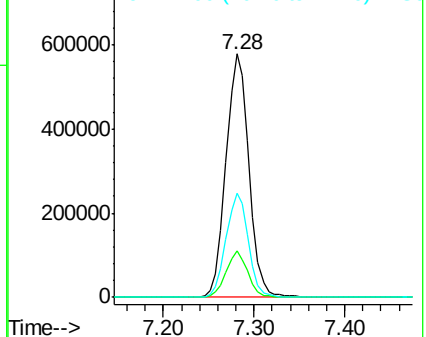


Abundance

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: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Tgt Ion: 136 Resp: 350706

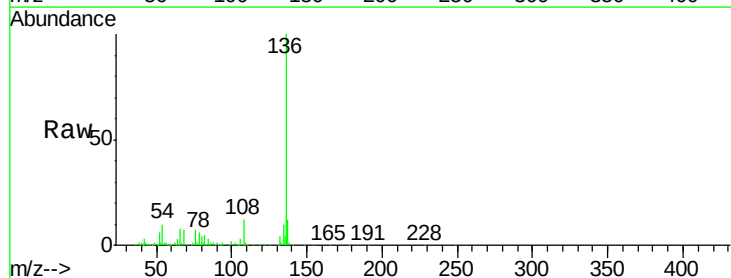
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.8	7.3	10.9
68	7.2	5.3	7.9

136 100

137 12.0 9.6 14.4

54 9.8 7.3 10.9

68 7.2 5.3 7.9



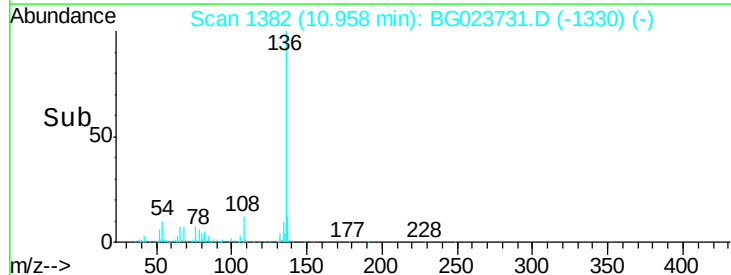
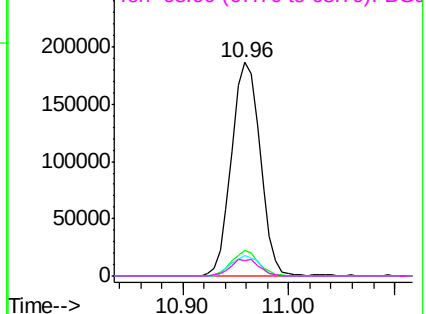
Abundance

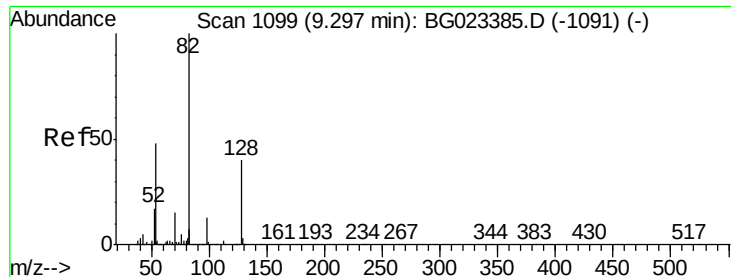
Ion 136.00 (135.70 to 136.70): BGC

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

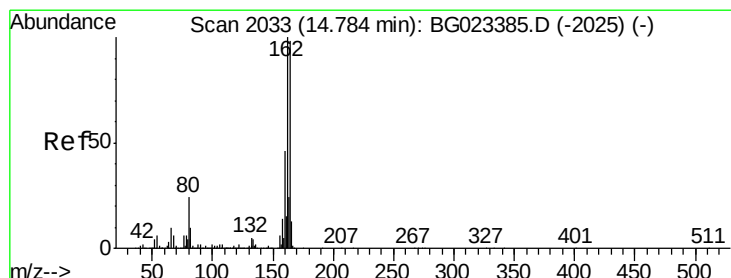
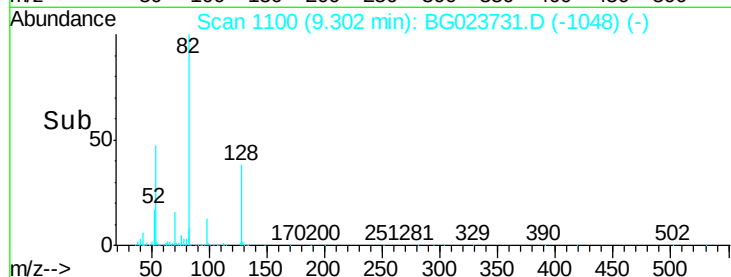
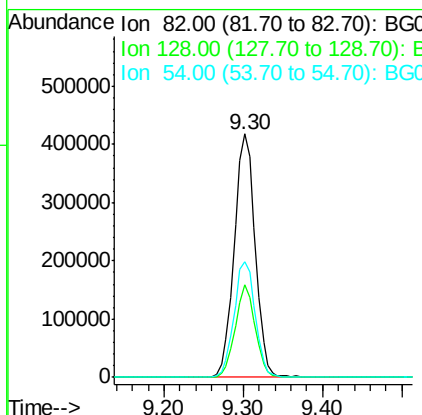
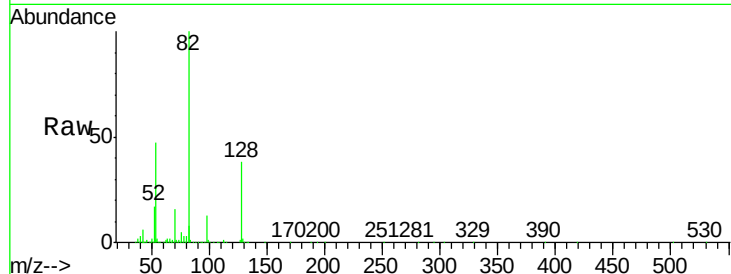




#23
 Nitrobenzene-d5
 Concen: 108.22 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

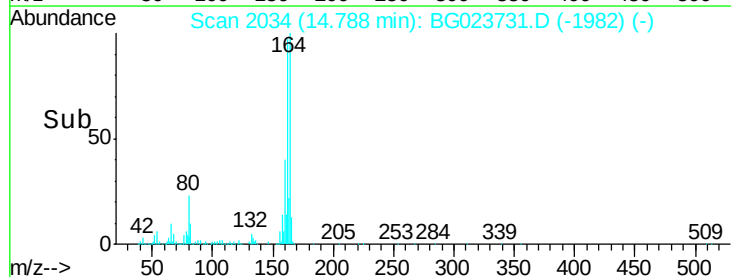
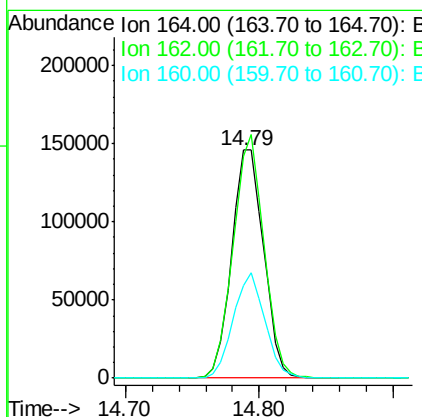
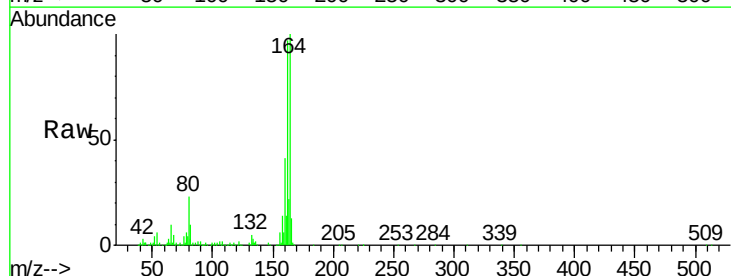
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

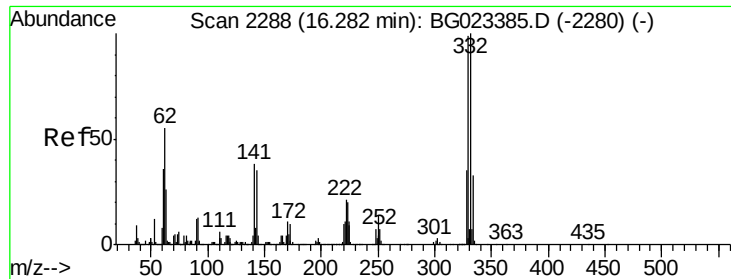
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	24.4	36.6#
54	47.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	87.7	131.5
160	40.6	37.2	55.8

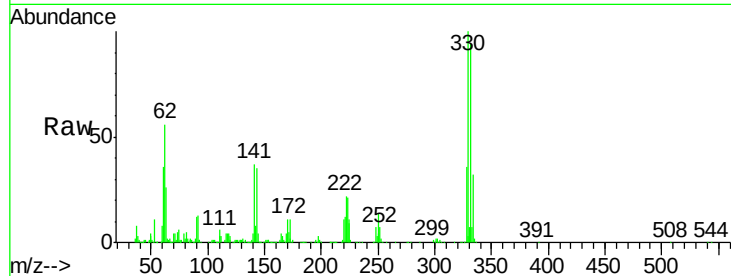




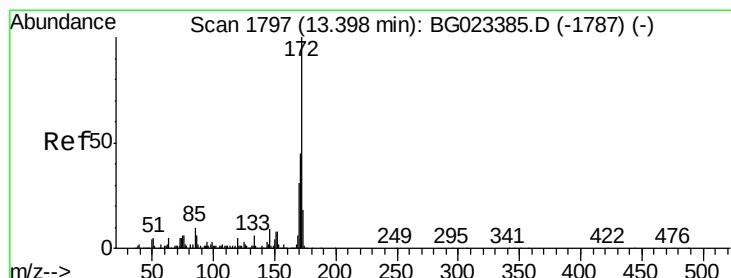
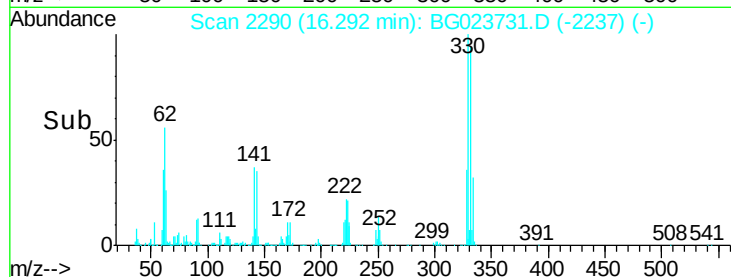
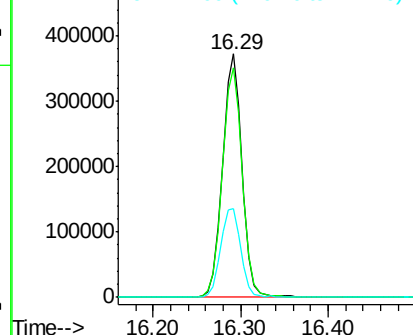
#41
2,4,6-Tribromophenol
Concen: 161.37 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG023731.D
Acq: 16 Aug 2016 17:24

Instrument :
BNA_G
ClientSampleId :
HSR-WC-64-080916

Tot Ion:330 Resp: 575142
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 38.1 31.7 47.5

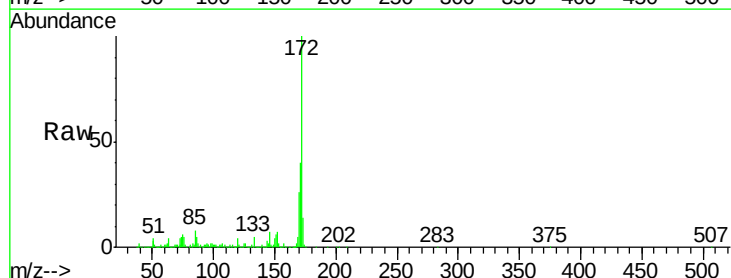


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

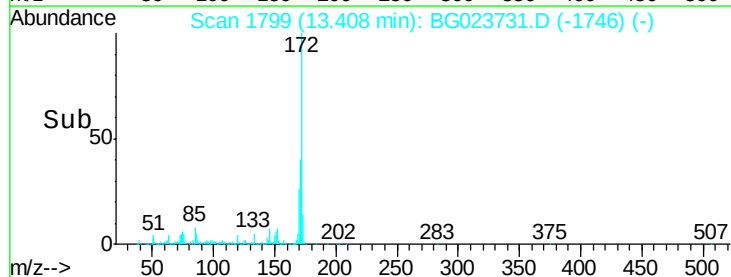
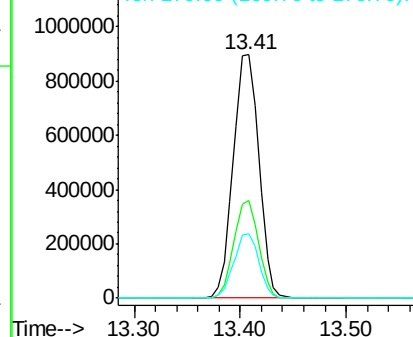


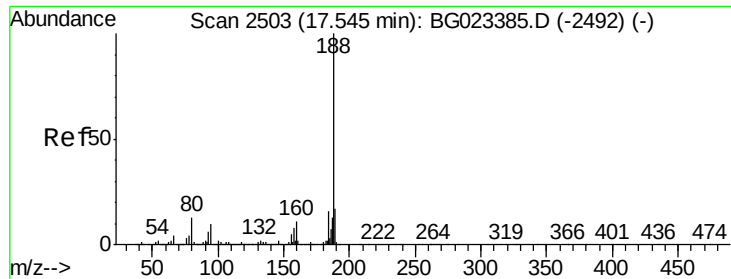
#44
2-Fluorobiphenyl
Concen: 103.98 ng
RT: 13.41 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BG023731.D
Acq: 16 Aug 2016 17:24

Tgt Ion:172 Resp: 1502153
Ion Ratio Lower Upper
172 100
171 39.9 31.6 47.4
170 26.5 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: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

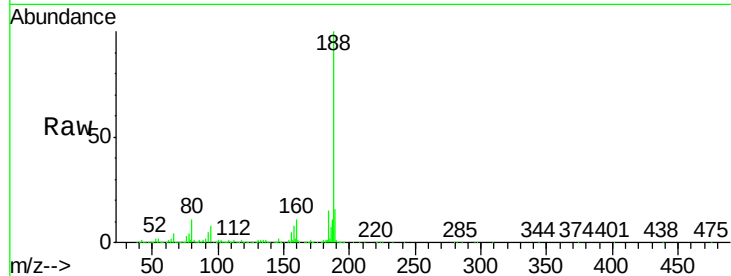
Tot Ion:188 Resp: 665050

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

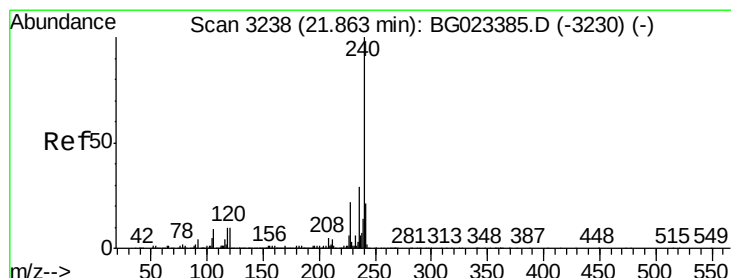
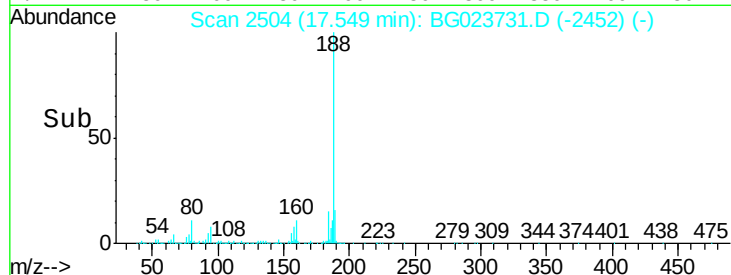
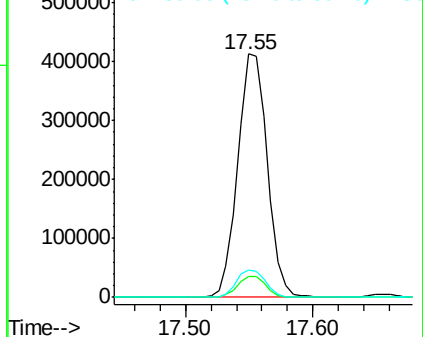
80 11.3 7.2 10.8#



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: 21.87 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

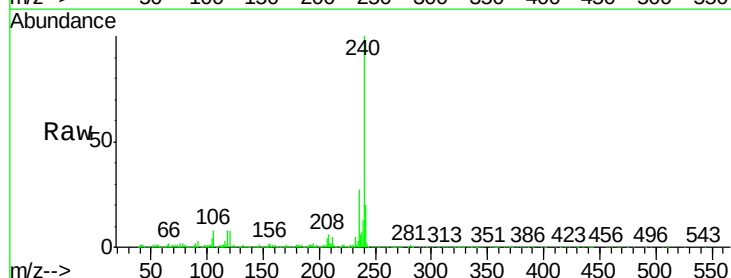
Tgt Ion:240 Resp: 766340

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

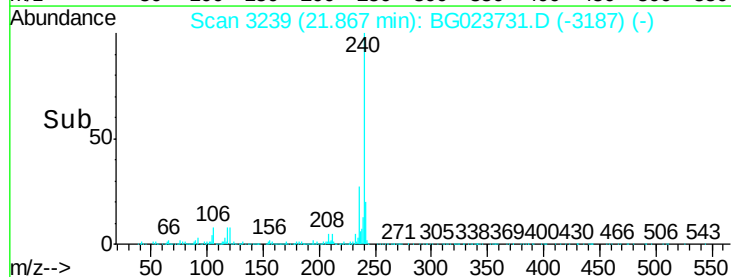
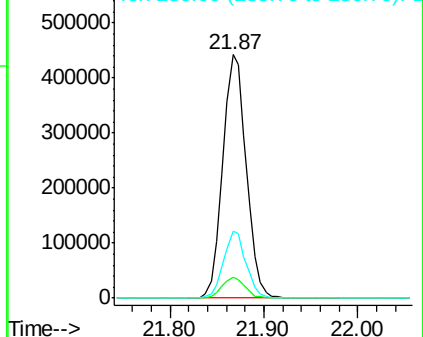
236 27.3 21.1 31.7

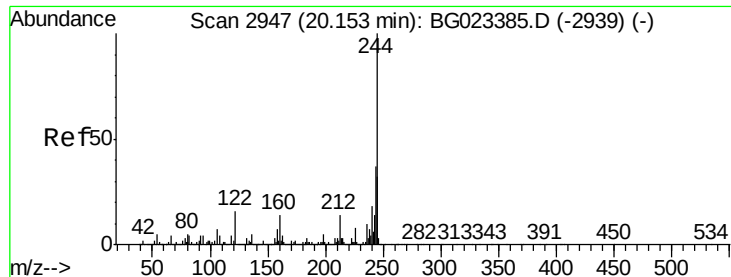


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 120.18 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

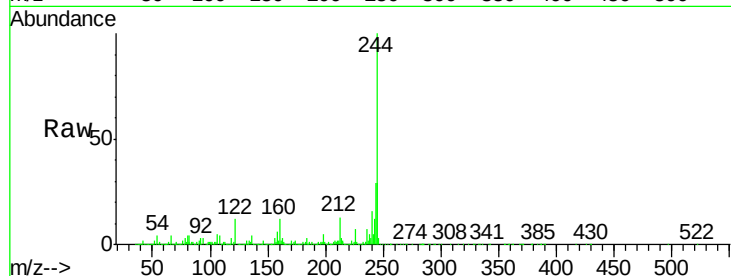
Tot Ion:244 Resp: 2748970

Ion Ratio Lower Upper

244 100

212 12.6 10.8 16.2

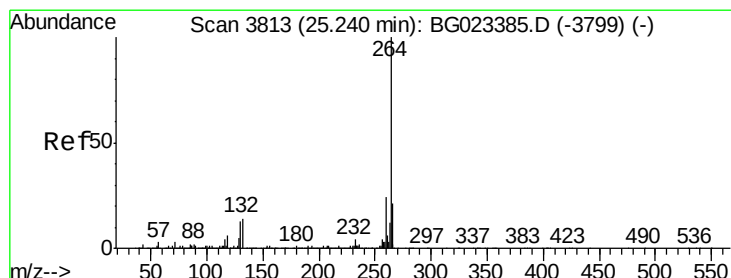
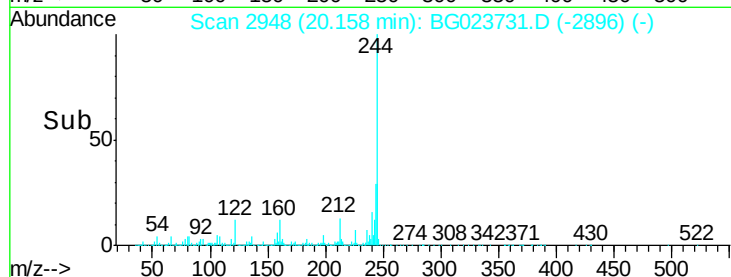
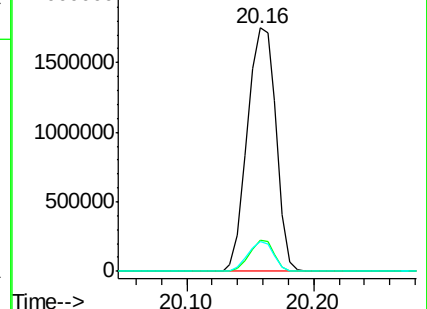
122 12.4 8.0 12.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3818

Delta R.T. 0.03 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

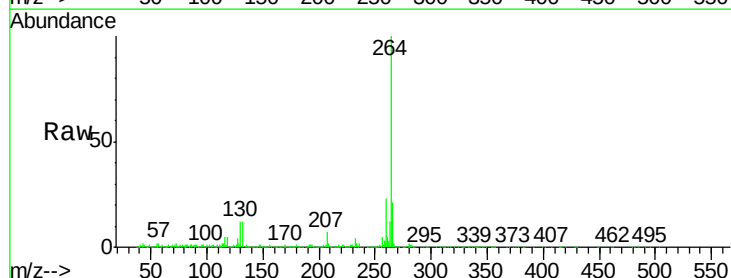
Tgt Ion:264 Resp: 751964

Ion Ratio Lower Upper

264 100

260 23.3 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

