

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023890.D
 Acq On : 24 Aug 2016 18:45
 Operator : UM/SJ
 Sample : H4567-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB081816

Quant Time: Aug 25 13:12:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	122815	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	509334	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	313863	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	722197	20.00	ng	0.00
75) Chrysene-d12	21.84	240	746727	20.00	ng	0.00
86) Perylene-d12	25.22	264	728084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	469804	64.39	ng	0.00
7) Phenol-d6	7.25	99	437809	38.53	ng	0.00
23) Nitrobenzene-d5	9.27	82	939295	91.68	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	515863	112.37	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1770174	95.13	ng	0.00
78) Terphenyl-d14	20.13	244	2369406	103.45	ng	0.00

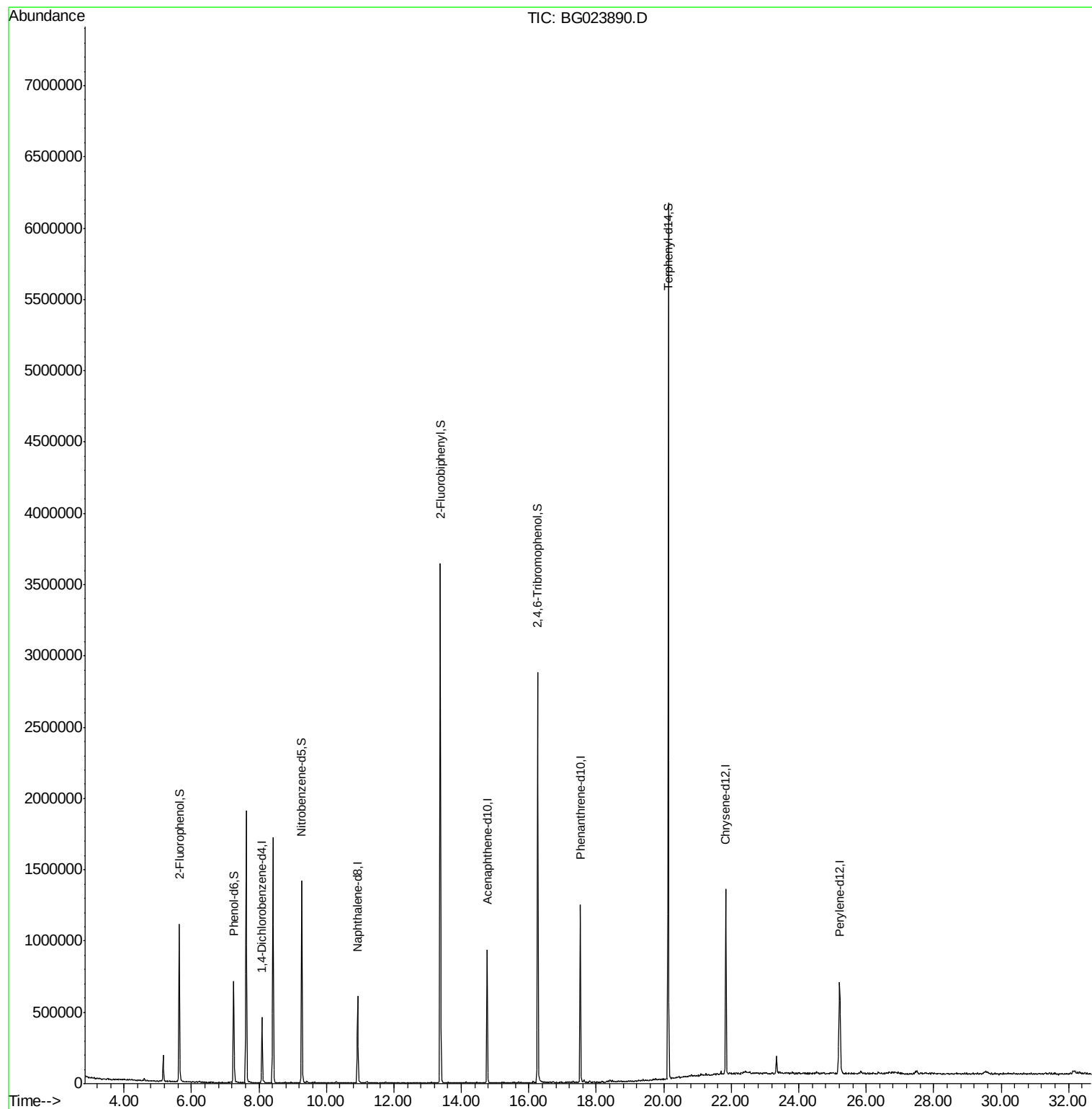
Target Compounds Qvalue

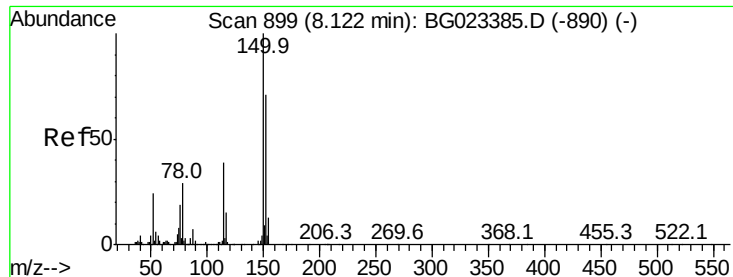
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 893

Delta R.T. -0.01 min

Lab File: BG023890.D

Acq: 24 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

FB081816

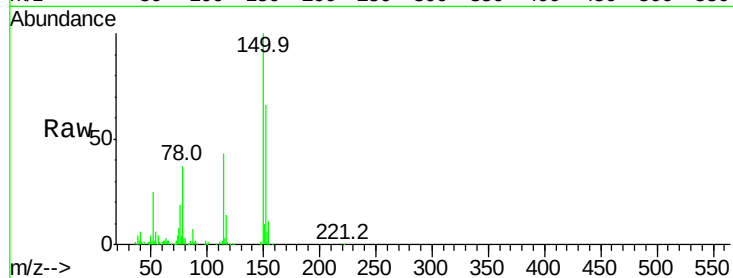
Tot Ion:152 Resp: 122815

Ion Ratio Lower Upper

152 100

150 151.6 144.7 217.1

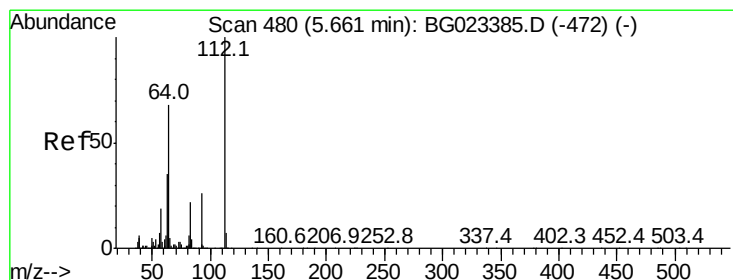
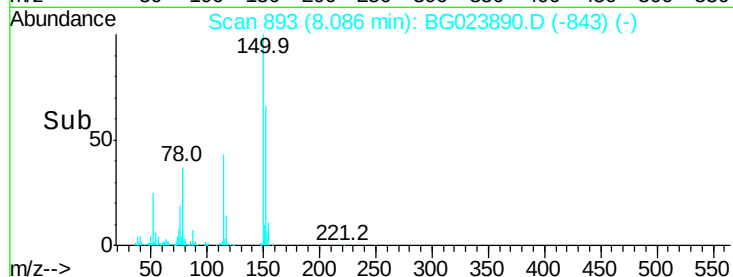
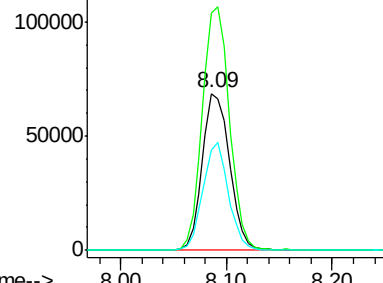
115 64.4 64.0 96.0



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: 64.39 ng

RT: 5.64 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG023890.D

Acq: 24 Aug 2016 18:45

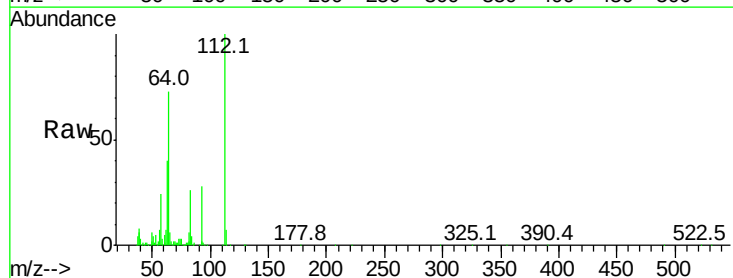
Tgt Ion:112 Resp: 469804

Ion Ratio Lower Upper

112 100

64 72.8 59.0 88.4

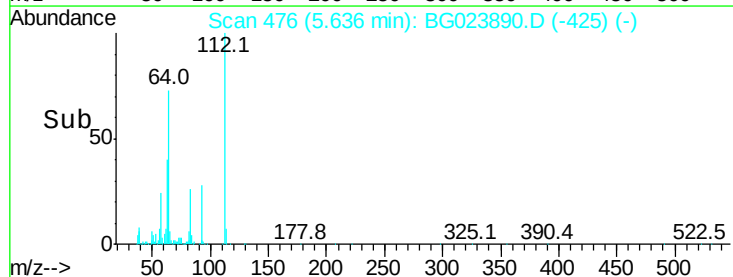
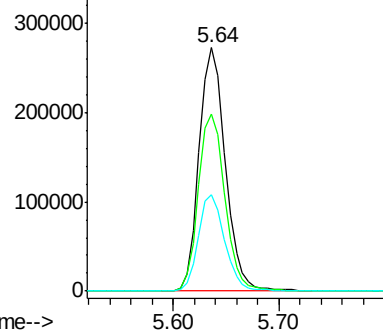
63 39.7 37.8 56.8

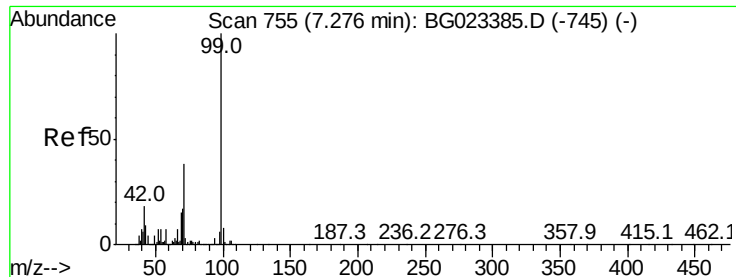


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.53 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023890.D

Acq: 24 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

FB081816

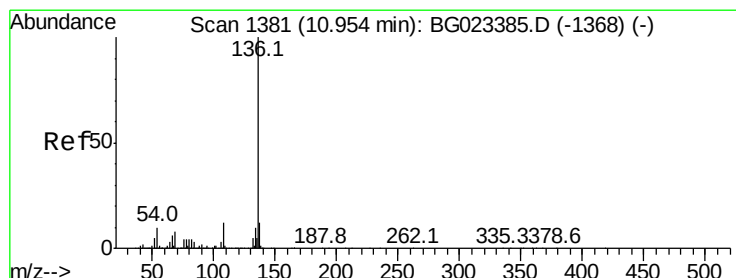
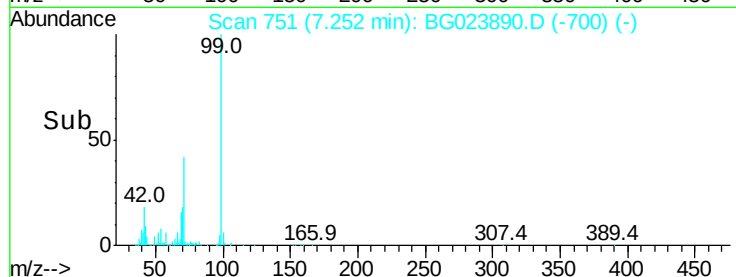
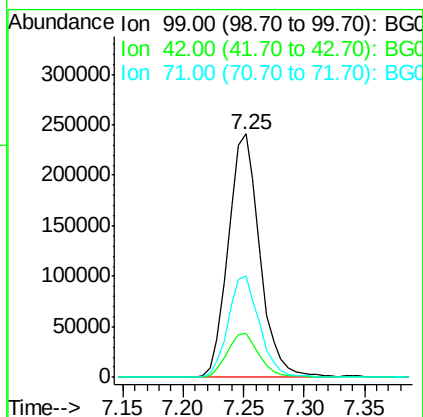
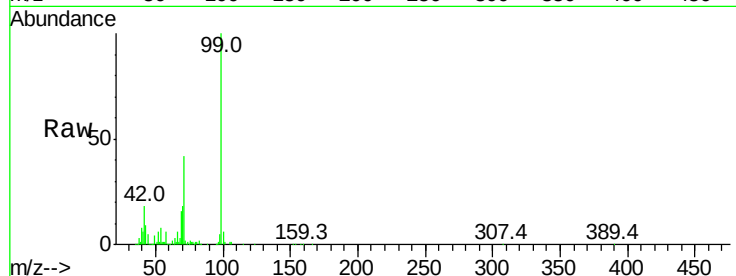
Tot Ion: 99 Resp: 437809

Ion Ratio Lower Upper

99 100

42 18.2 17.8 26.6

71 41.5 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023890.D

Acq: 24 Aug 2016 18:45

Tgt Ion: 136 Resp: 509334

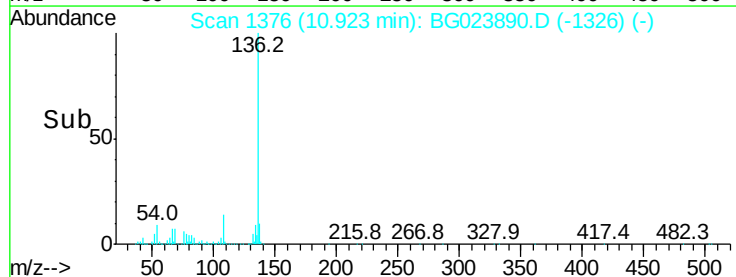
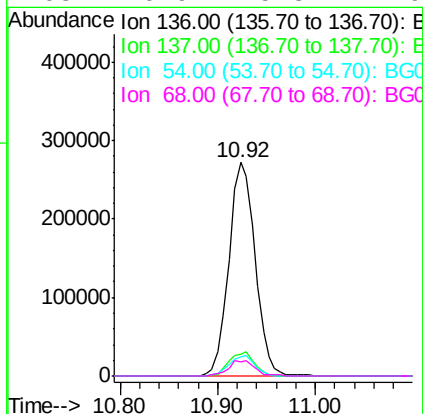
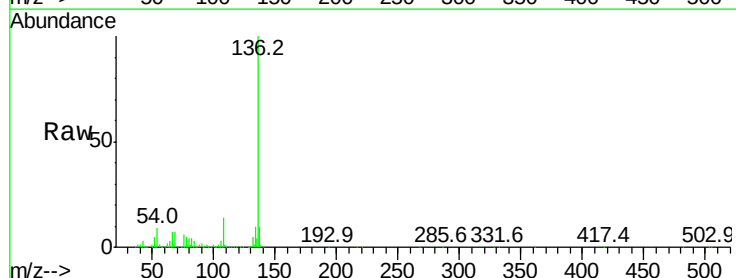
Ion Ratio Lower Upper

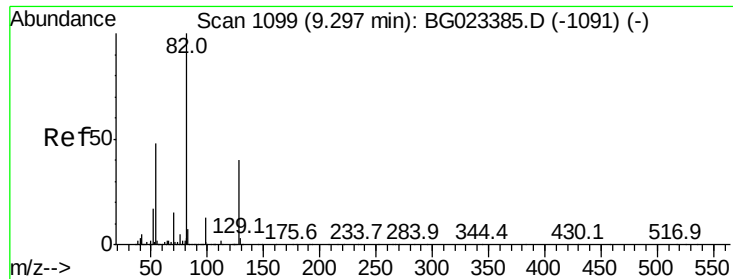
136 100

137 10.4 9.6 14.4

54 9.3 7.3 10.9

68 6.9 5.3 7.9

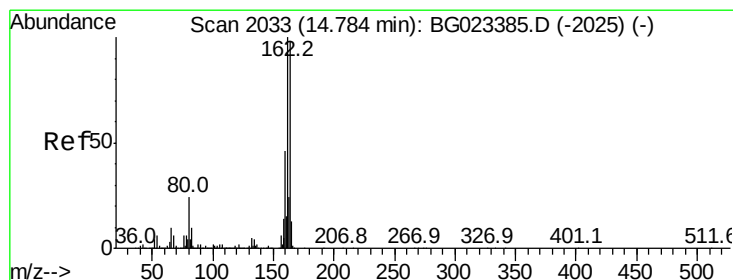
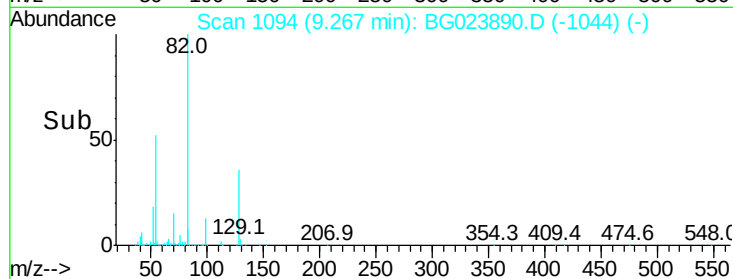
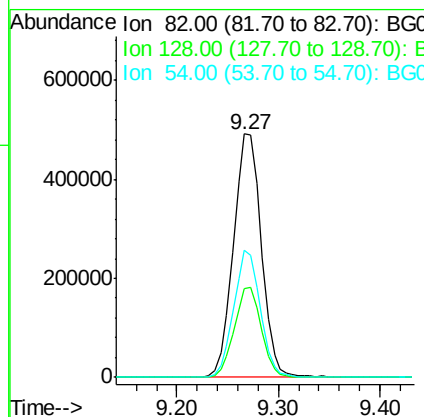
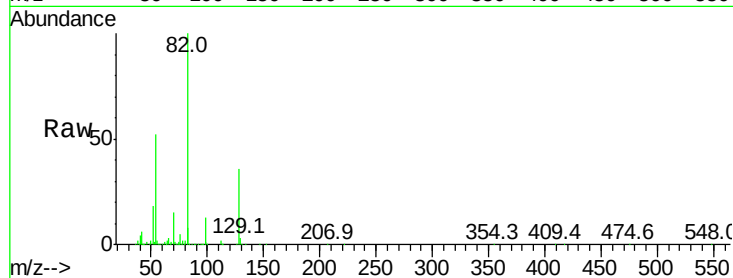




#23
 Nitrobenzene-d5
 Concen: 91.68 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BG023890.D
 Acq: 24 Aug 2016 18:45

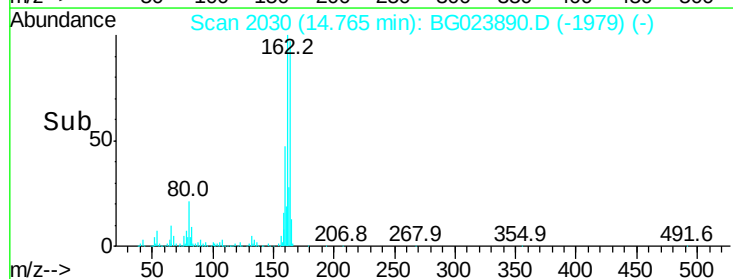
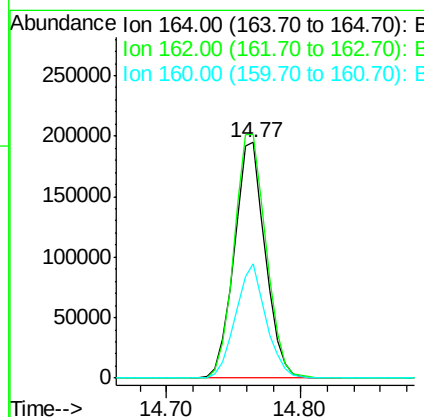
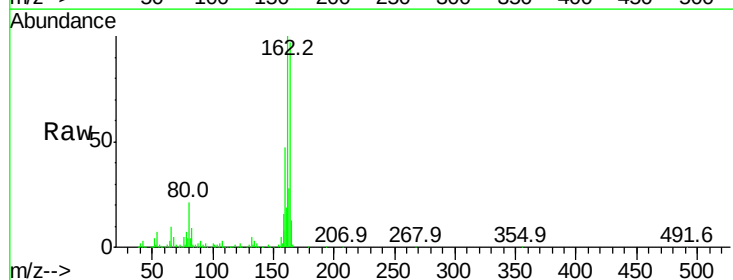
Instrument :
 BNA_G
 ClientSampleId :
 FB081816

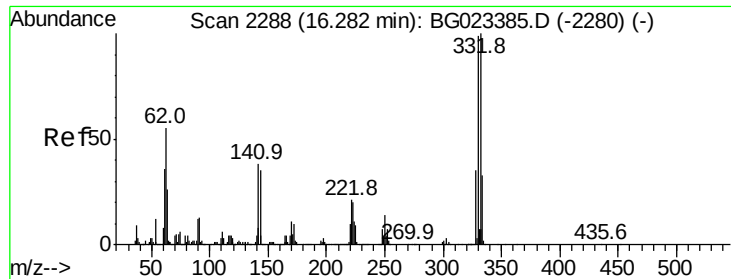
Tot Ion	82	Resp	939295
Ion Ratio	Lower	Upper	
82	100		
128	36.3	24.4	36.6
54	52.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG023890.D
 Acq: 24 Aug 2016 18:45

Tgt Ion	164	Resp	313863
Ion Ratio	Lower	Upper	
164	100		
162	103.0	87.7	131.5
160	48.6	37.2	55.8

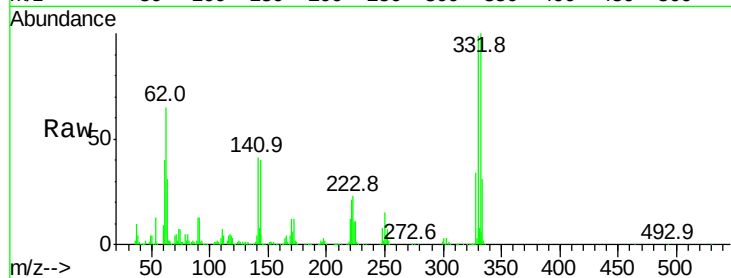




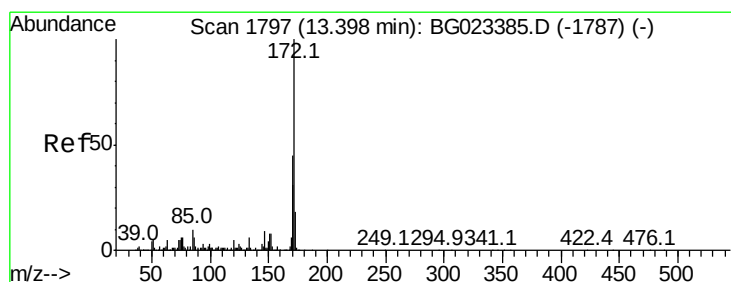
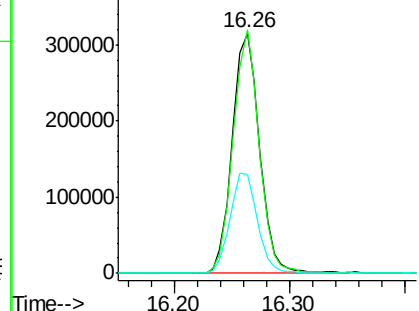
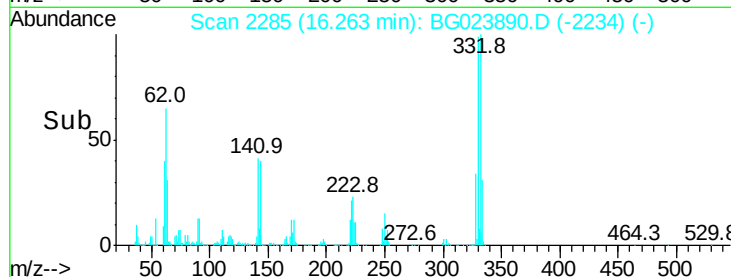
#41
 2,4,6-Tribromophenol
 Concen: 112.37 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023890.D
 Acq: 24 Aug 2016 18:45

Instrument :
 BNA_G
 ClientSampleId :
 FB081816

Tot Ion:330 Resp: 515863
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 42.3 31.7 47.5

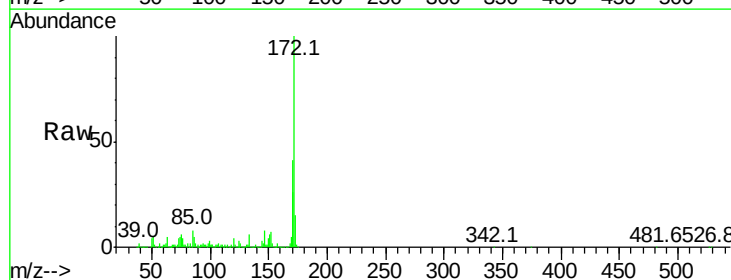


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

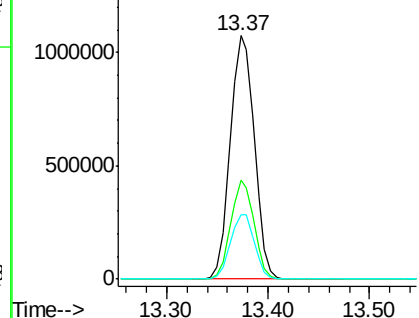
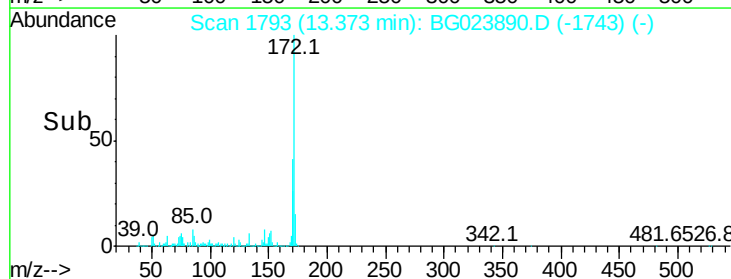


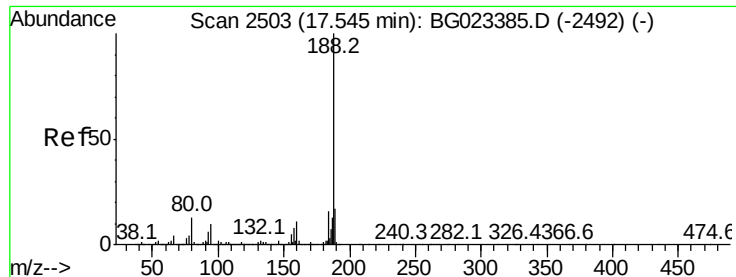
#44
 2-Fluorobiphenyl
 Concen: 95.13 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG023890.D
 Acq: 24 Aug 2016 18:45

Tgt Ion:172 Resp: 1770174
 Ion Ratio Lower Upper
 172 100
 171 40.9 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

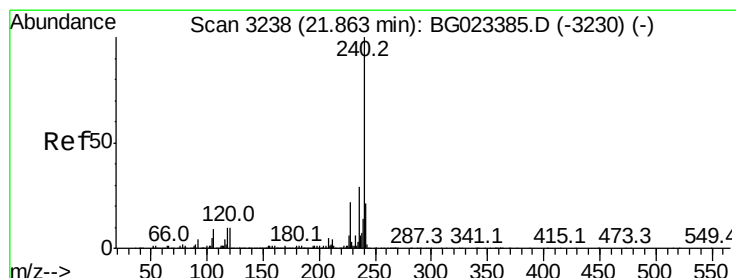
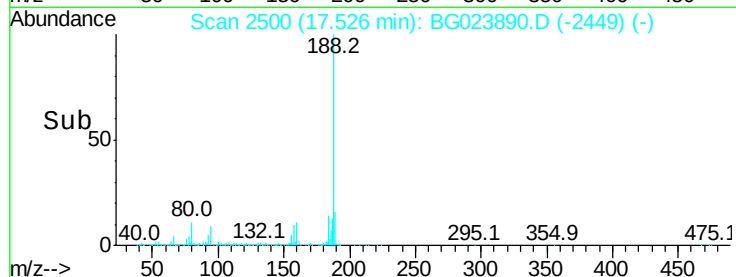
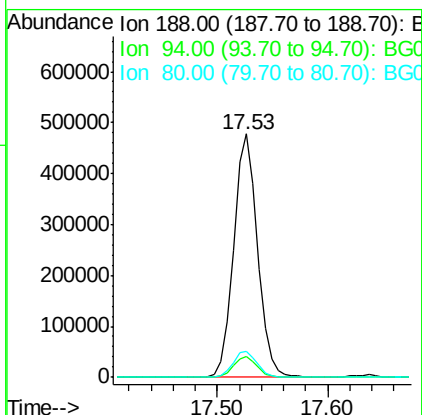
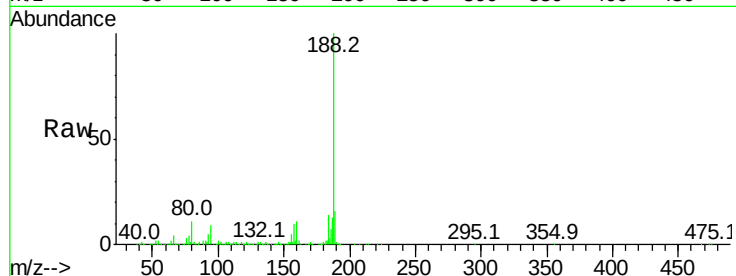




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023890.D
Acq: 24 Aug 2016 18:45

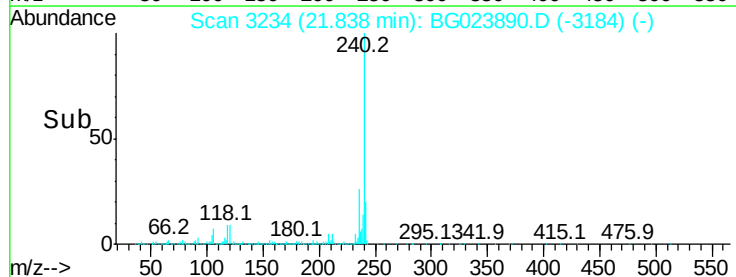
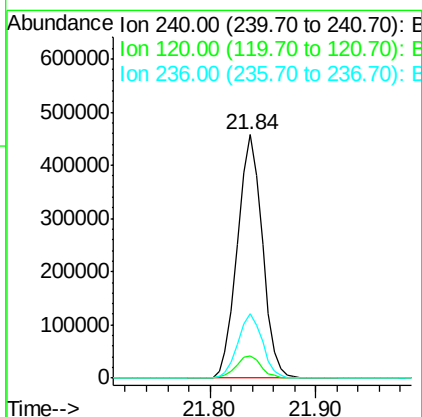
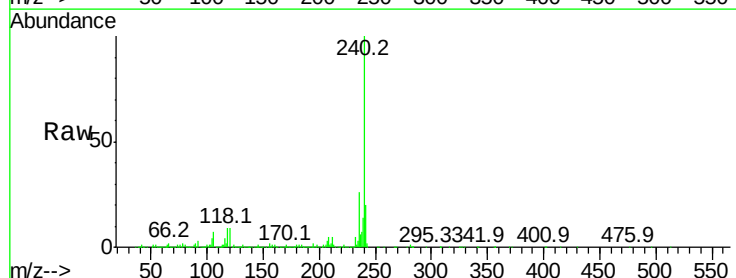
Instrument :
BNA_G
ClientSampleId :
FB081816

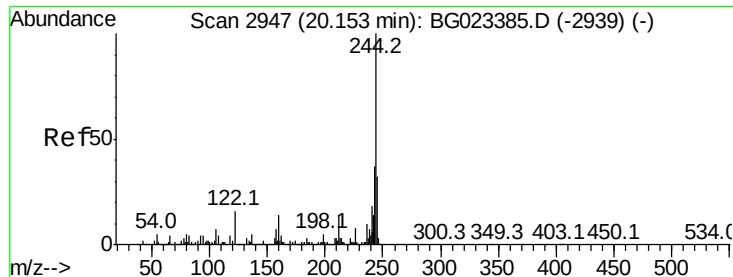
Tot Ion:188 Resp: 722197
Ion Ratio Lower Upper
188 100
94 8.8 5.2 7.8#
80 10.7 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG023890.D
Acq: 24 Aug 2016 18:45

Tgt Ion:240 Resp: 746727
Ion Ratio Lower Upper
240 100
120 9.1 4.1 6.1#
236 26.3 21.1 31.7





#78

Terphenyl-d14

Concen: 103.45 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BG023890.D

Acq: 24 Aug 2016 18:45

Instrument :

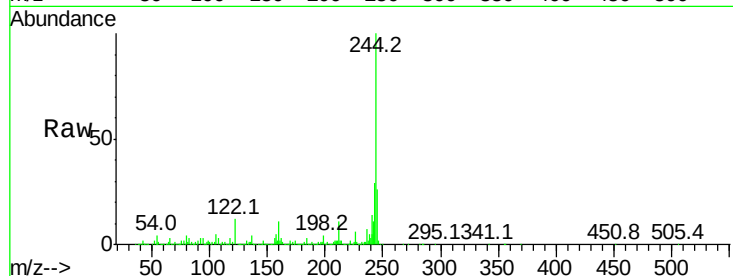
BNA_G

ClientSampleId :

FB081816

Tot Ion:244 Resp: 2369406

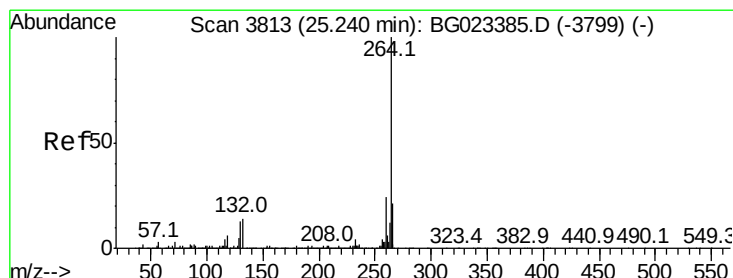
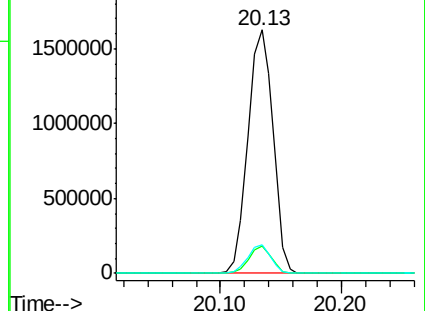
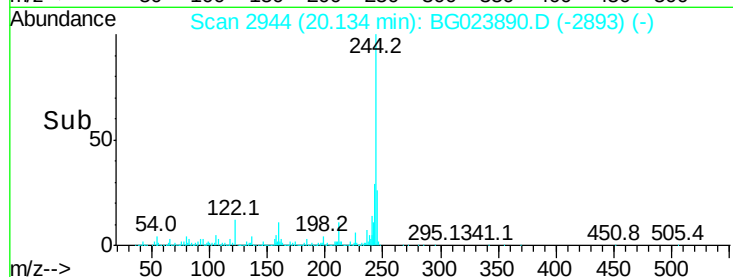
Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.8	16.2
122	11.5	8.0	12.0



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: 25.22 min Scan# 3809

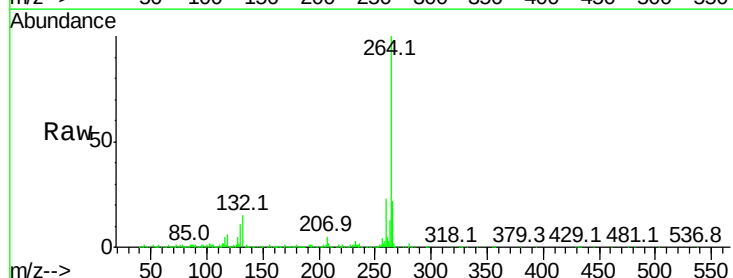
Delta R.T. -0.01 min

Lab File: BG023890.D

Acq: 24 Aug 2016 18:45

Tgt Ion:264 Resp: 728084

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.8	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

