

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023155.D
 Acq On : 16 Jul 2016 20:25
 Operator : UM/SJ
 Sample : H4017-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-10

Quant Time: Jul 18 01:27:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

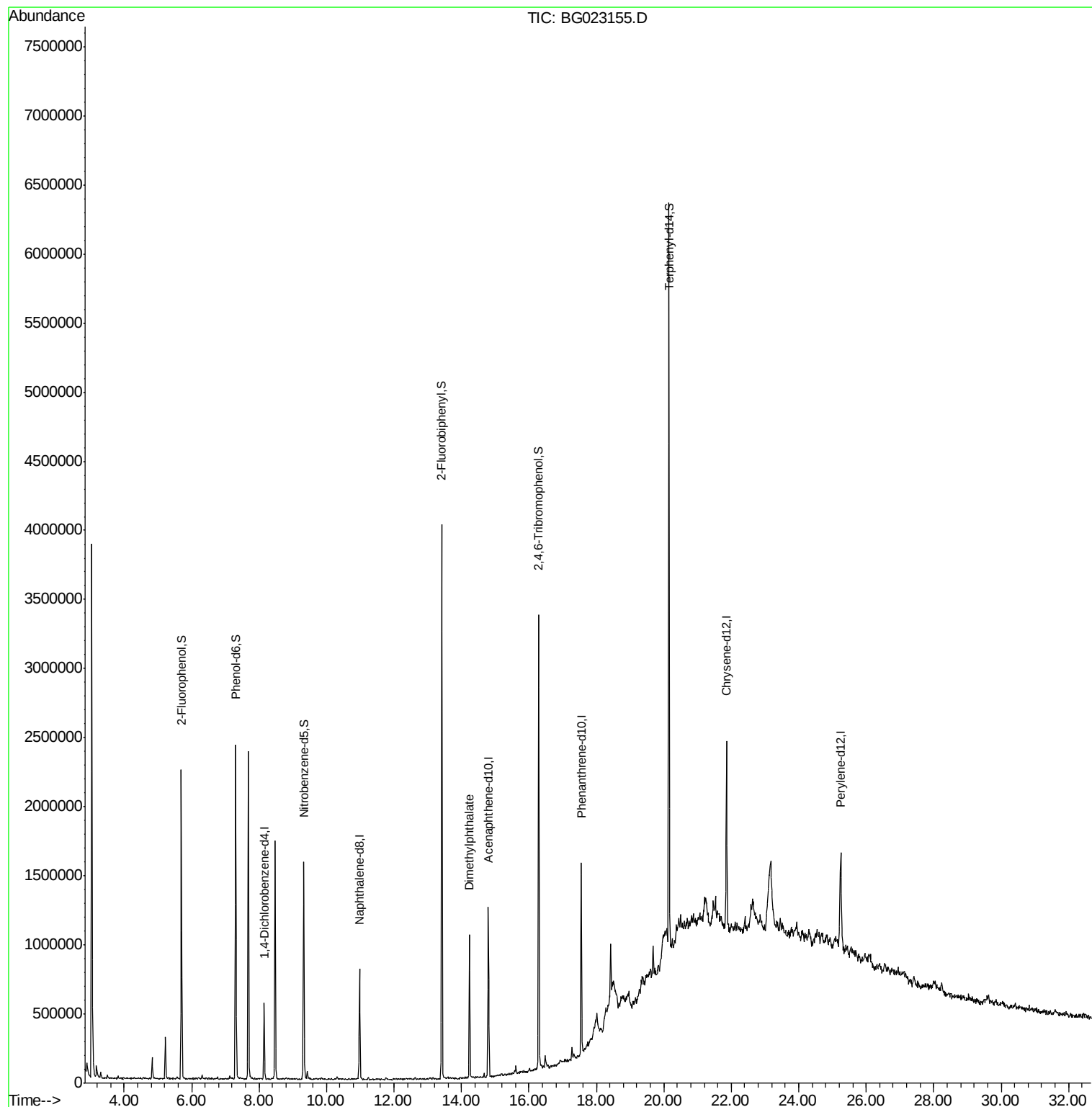
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	147395	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	634211	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	413215	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	857052	20.00	ng	0.00
75) Chrysene-d12	21.86	240	859635	20.00	ng	0.01
86) Perylene-d12	25.25	264	873197	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	900277	99.90	ng	0.00
7) Phenol-d6	7.31	99	1397735	99.02	ng	0.00
23) Nitrobenzene-d5	9.32	82	1043415	70.45	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	574100	77.30	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1881841	71.73	ng	0.00
78) Terphenyl-d14	20.15	244	2080938	72.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	648145	19.20	ng	Qvalue 99

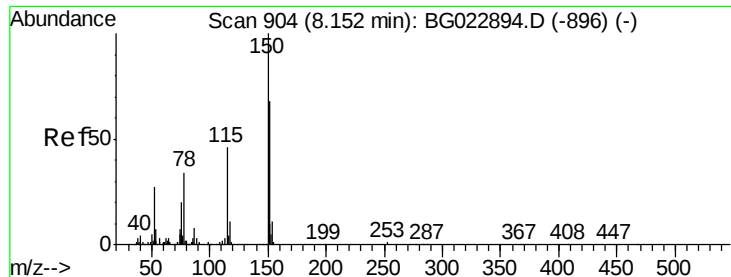
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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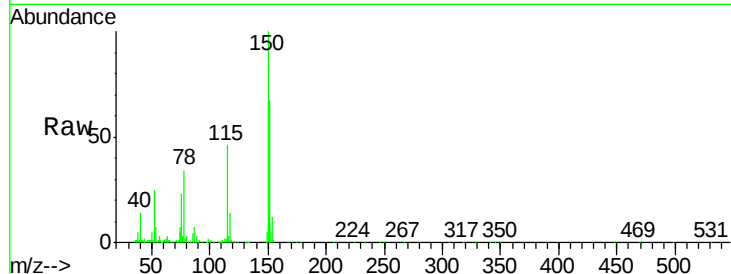


#1

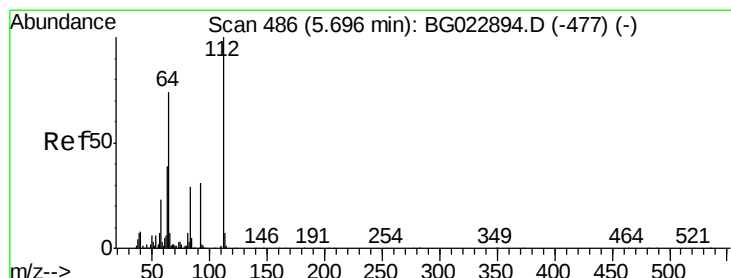
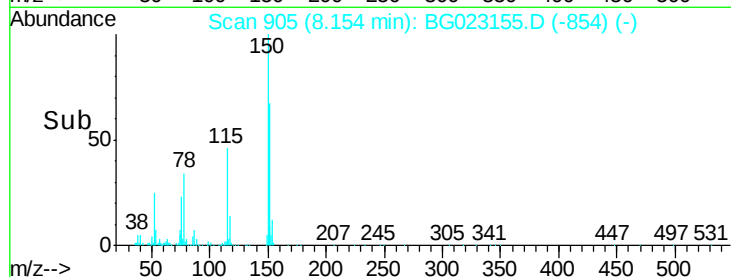
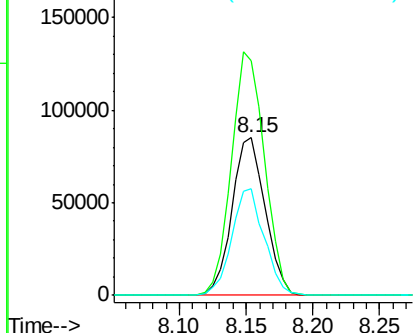
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023155.D
Acq: 16 Jul 2016 20:25

Instrument :
BNA_G
ClientSampleId :
C5-10

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.8	144.7	217.1
115	67.9	64.0	96.0



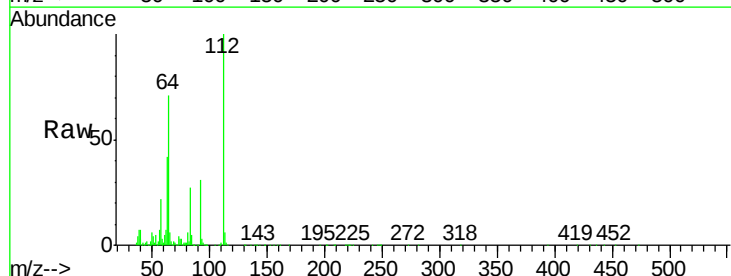
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



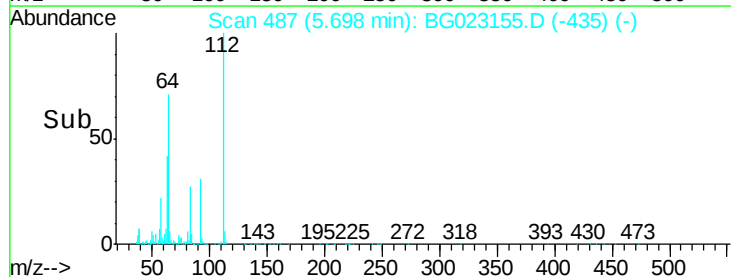
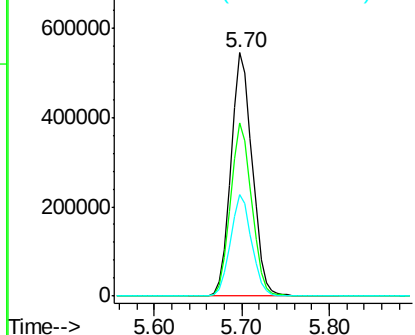
#5

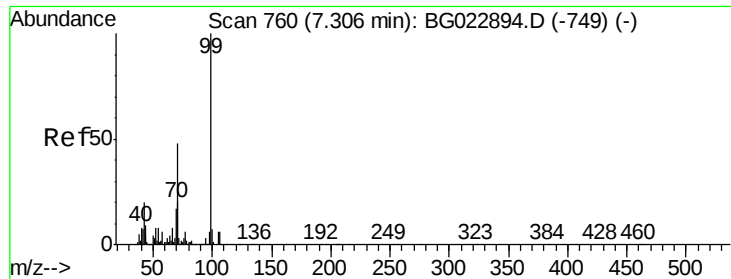
2-Fluorophenol
Concen: 99.90 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023155.D
Acq: 16 Jul 2016 20:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	59.0	88.4
63	41.6	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.02 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023155.D

Acq: 16 Jul 2016 20:25

Instrument :

BNA_G

ClientSampled :

C5-10

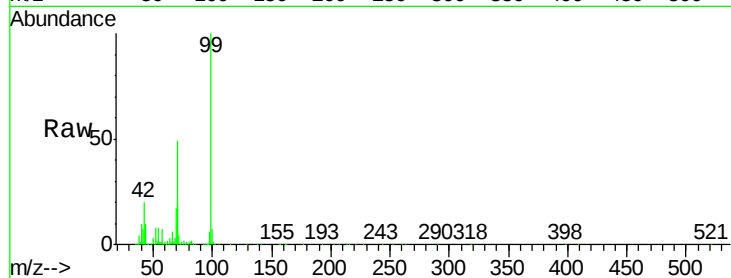
Tgt Ion: 99 Resp: 1397735

Ion Ratio Lower Upper

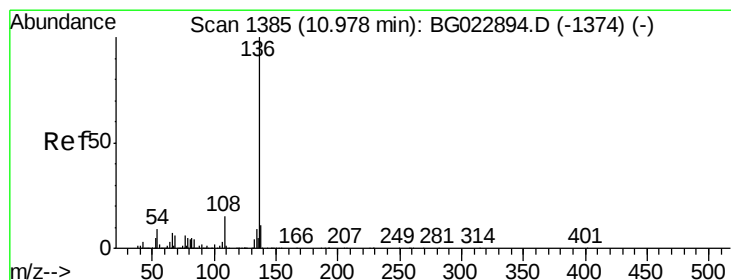
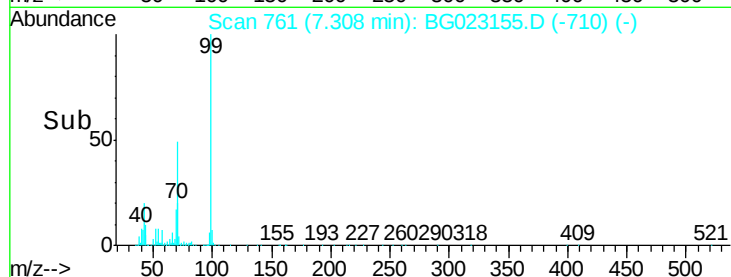
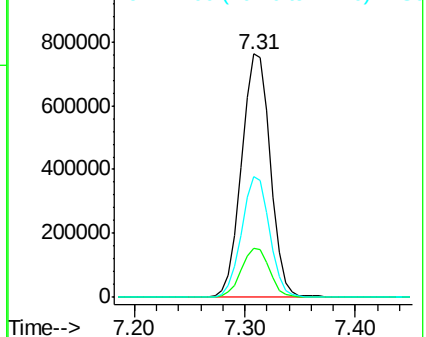
99 100

42 20.4 17.8 26.6

71 49.4 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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023155.D

Acq: 16 Jul 2016 20:25

Tgt Ion: 136 Resp: 634211

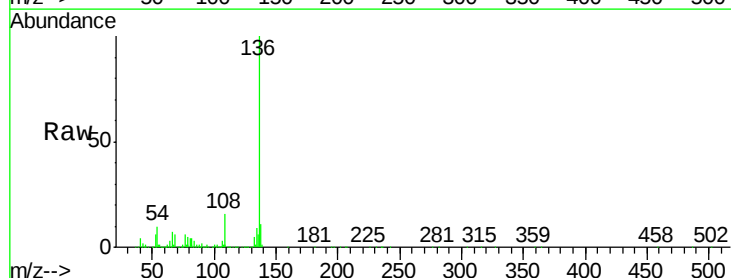
Ion Ratio Lower Upper

136 100

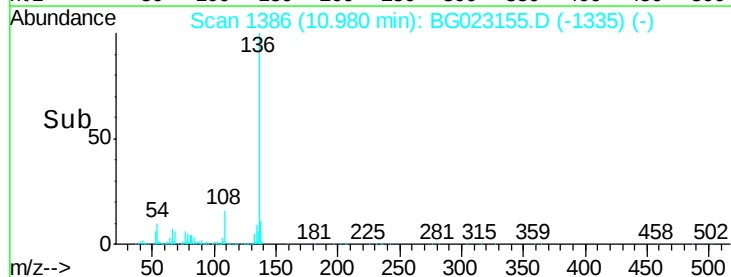
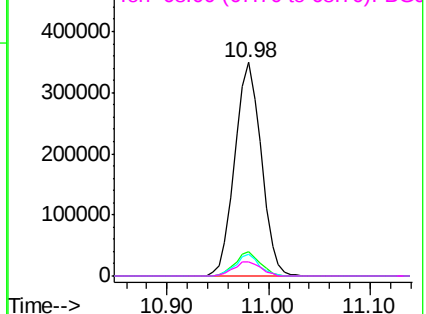
137 11.3 9.6 14.4

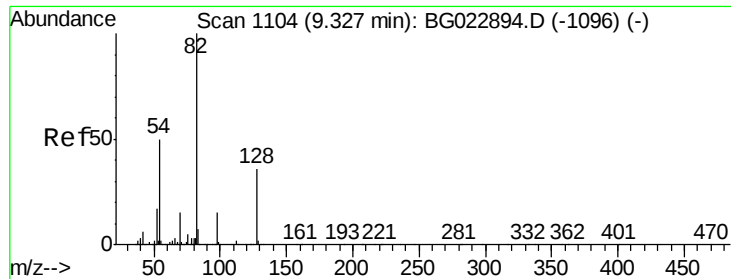
54 10.0 7.3 10.9

68 6.4 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

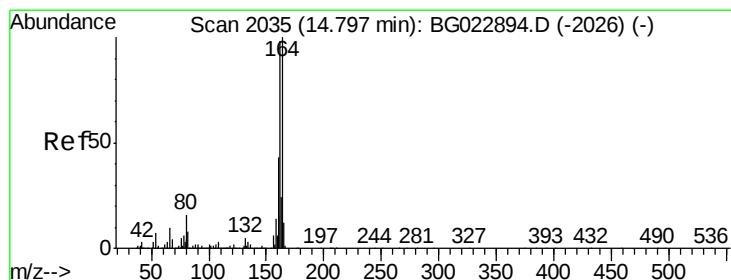
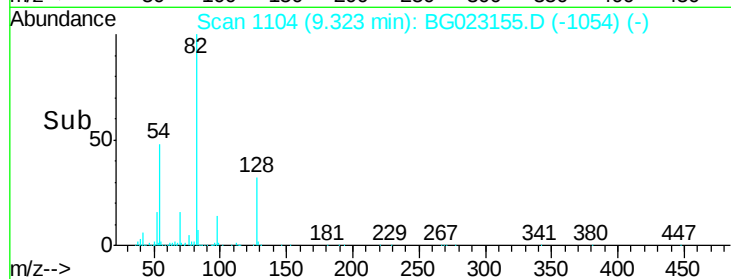
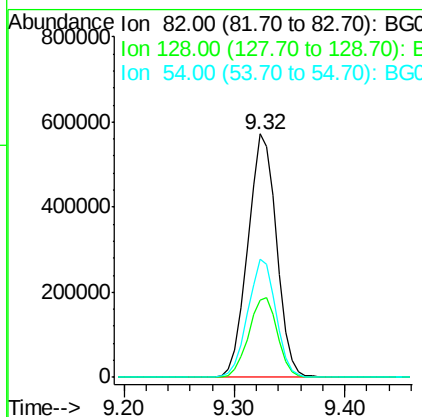
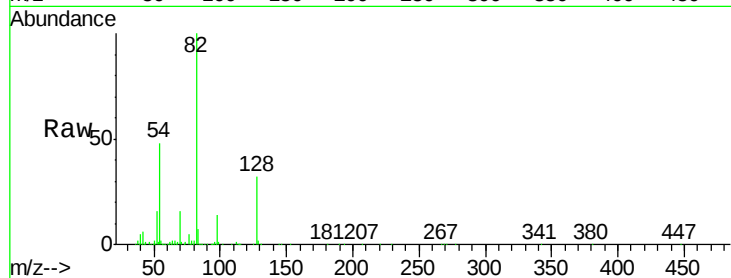




#23
 Nitrobenzene-d5
 Concen: 70.45 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023155.D
 Acq: 16 Jul 2016 20:25

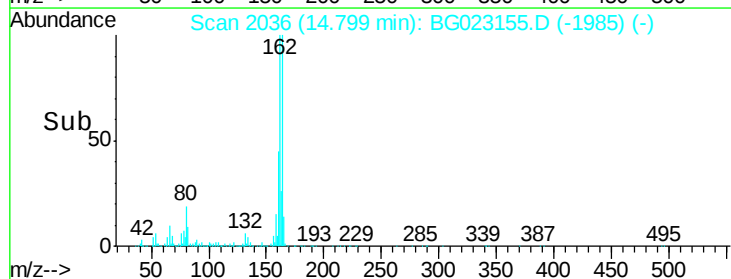
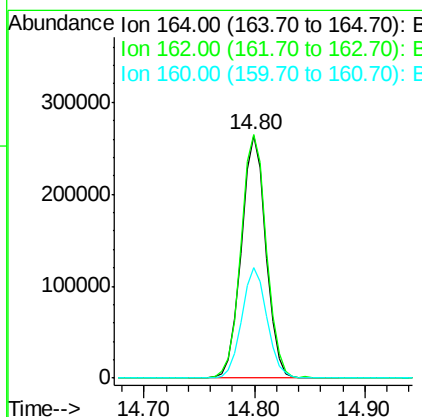
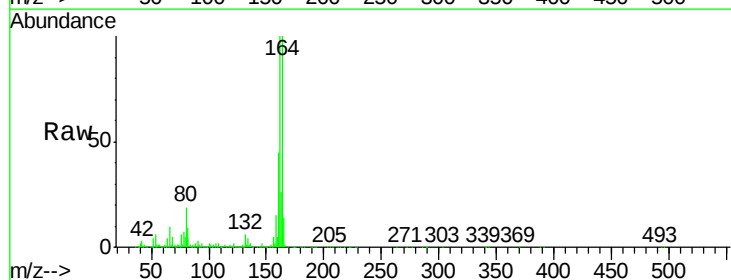
Instrument :
 BNA_G
 ClientSampleId :
 C5-10

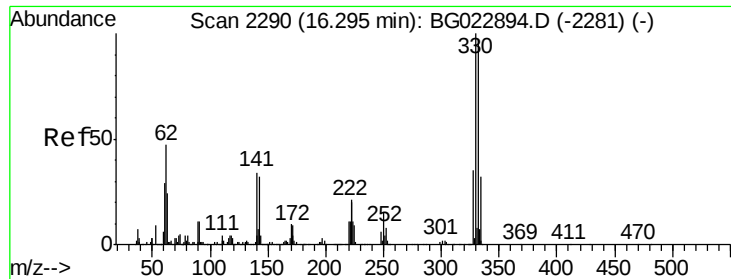
Tgt Ion: 82 Resp: 1043415
 Ion Ratio Lower Upper
 82 100
 128 31.9 24.4 36.6
 54 48.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023155.D
 Acq: 16 Jul 2016 20:25

Tgt Ion: 164 Resp: 413215
 Ion Ratio Lower Upper
 164 100
 162 100.4 87.7 131.5
 160 45.3 37.2 55.8

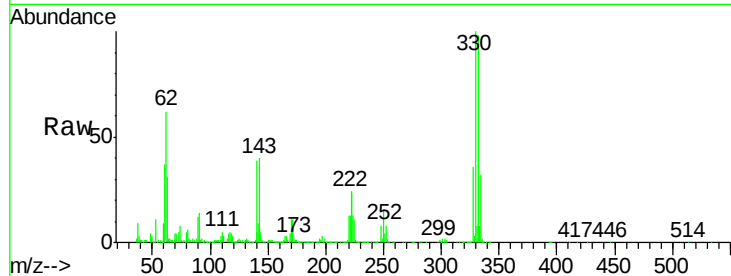




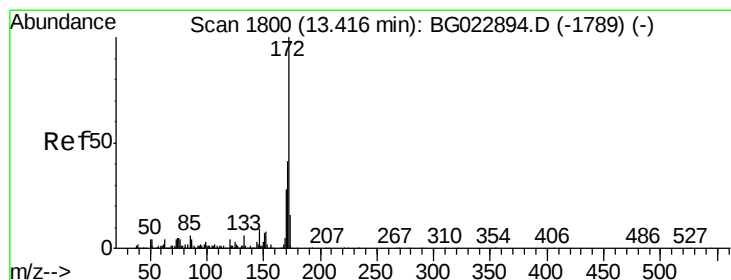
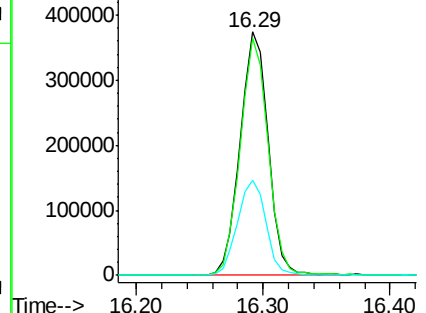
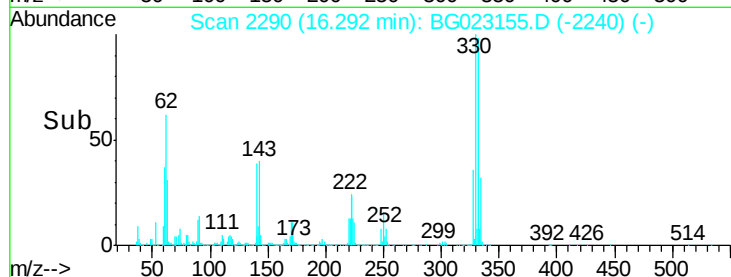
#41
 2,4,6-Tribromophenol
 Concen: 77.30 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023155.D
 Acq: 16 Jul 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 C5-10

Tgt Ion:330 Resp: 574100
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 39.3 31.7 47.5

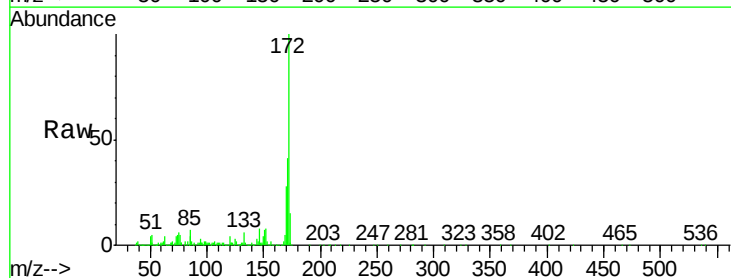


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

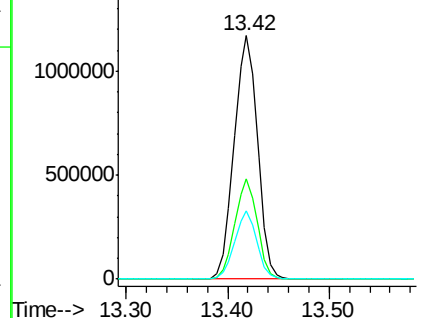
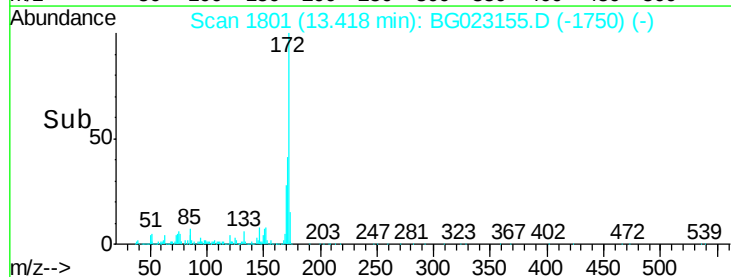


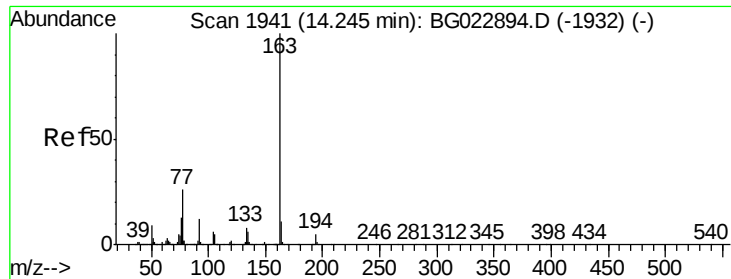
#44
 2-Fluorobiphenyl
 Concen: 71.73 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023155.D
 Acq: 16 Jul 2016 20:25

Tgt Ion:172 Resp: 1881841
 Ion Ratio Lower Upper
 172 100
 171 41.0 31.6 47.4
 170 27.8 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





#49

Dimethylphthalate

Concen: 19.20 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023155.D

Acq: 16 Jul 2016 20:25

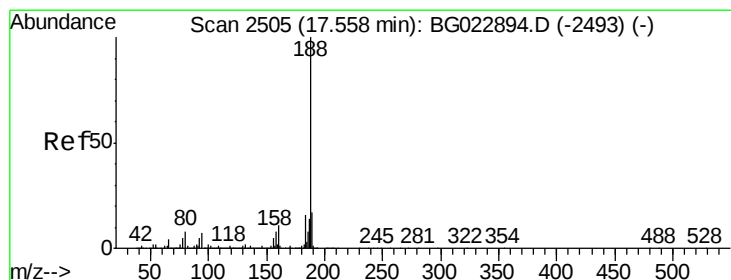
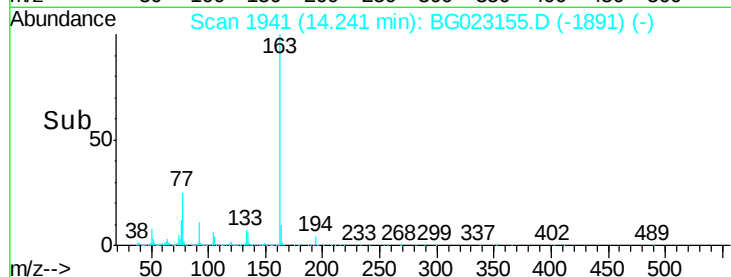
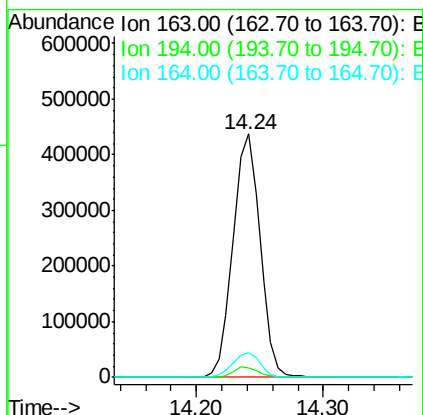
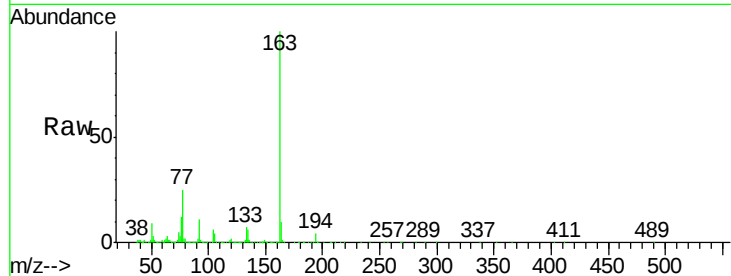
Instrument :

BNA_G

ClientSampled :

C5-10

Tgt Ion:	163	Resp:	648145
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.6	5.4
164	10.3	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

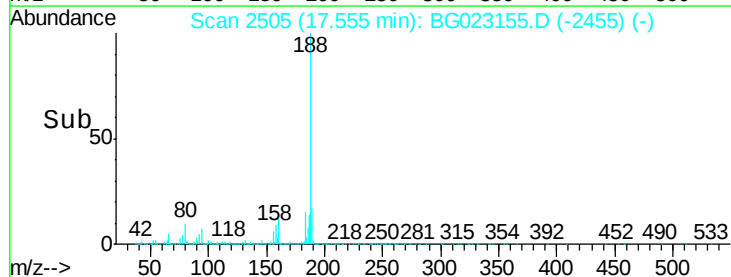
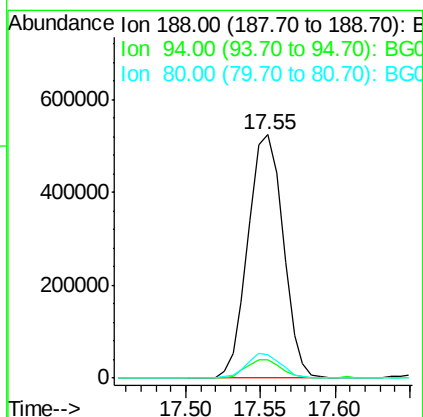
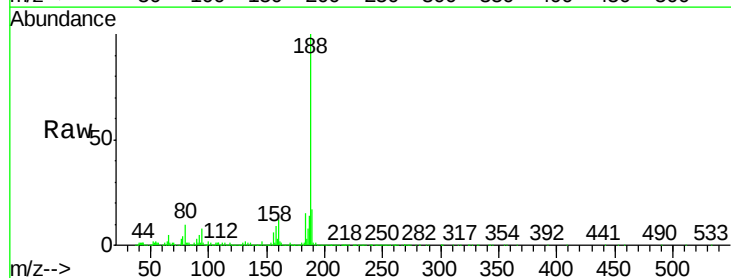
RT: 17.55 min Scan# 2505

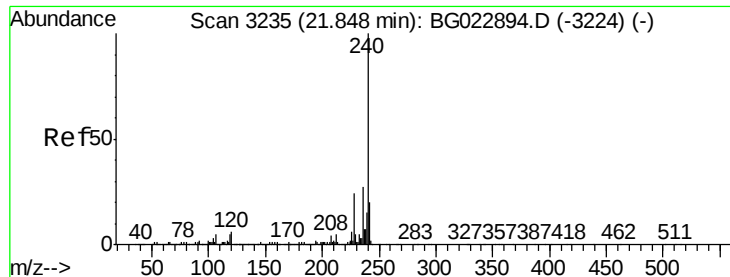
Delta R.T. -0.00 min

Lab File: BG023155.D

Acq: 16 Jul 2016 20:25

Tgt Ion:	188	Resp:	857052
Ion Ratio	Lower	Upper	
188	100		
94	7.5	5.2	7.8
80	9.7	7.2	10.8

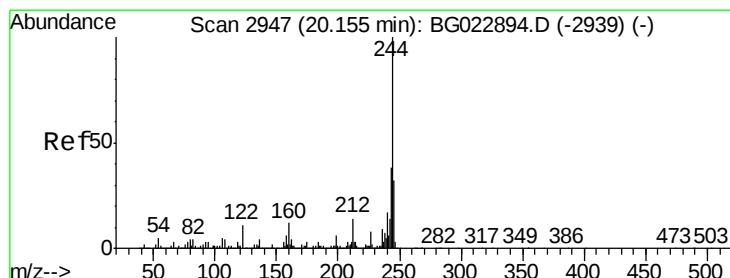
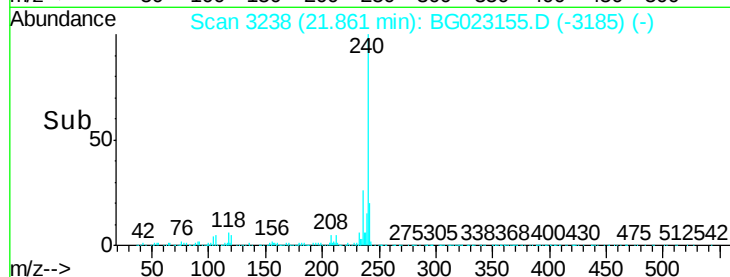
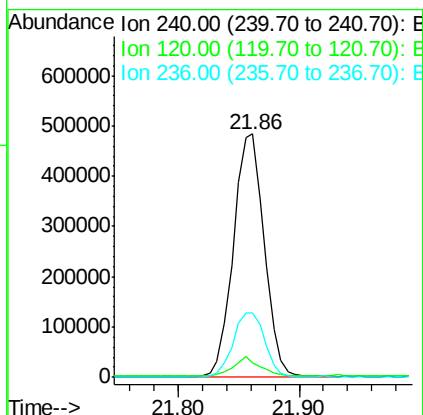
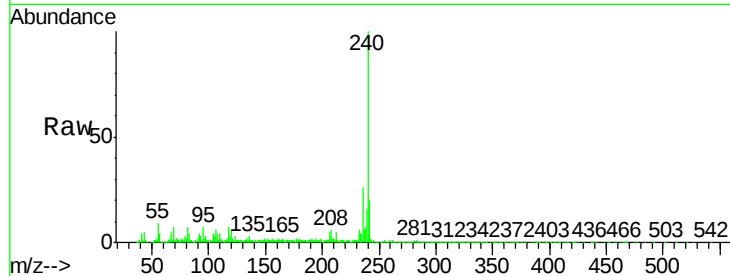




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.01 min
Lab File: BG023155.D
Acq: 16 Jul 2016 20:25

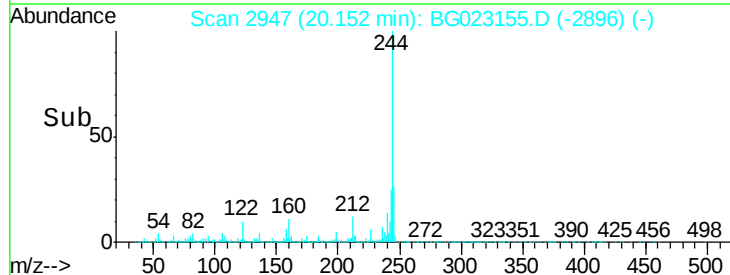
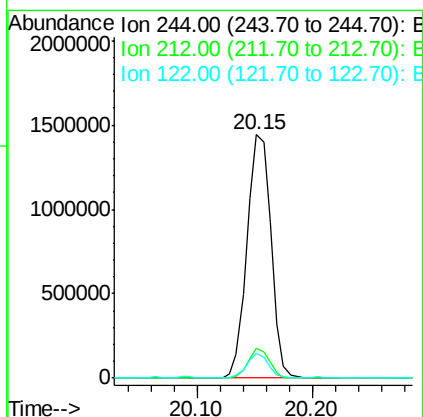
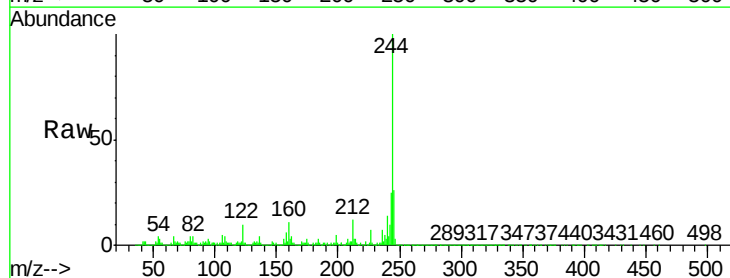
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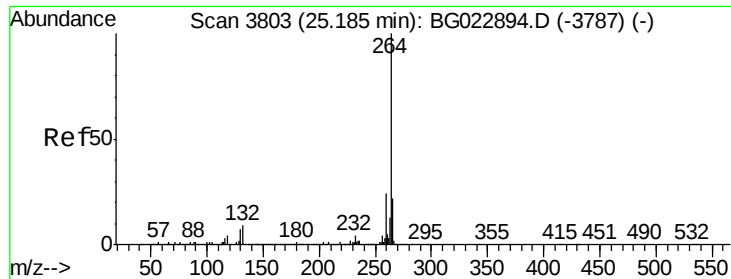
Tgt Ion:240 Resp: 859635
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 26.4 21.1 31.7



#78
Terphenyl-d14
Concen: 72.61 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023155.D
Acq: 16 Jul 2016 20:25

Tgt Ion:244 Resp: 2080938
Ion Ratio Lower Upper
244 100
212 12.2 10.8 16.2
122 10.1 8.0 12.0

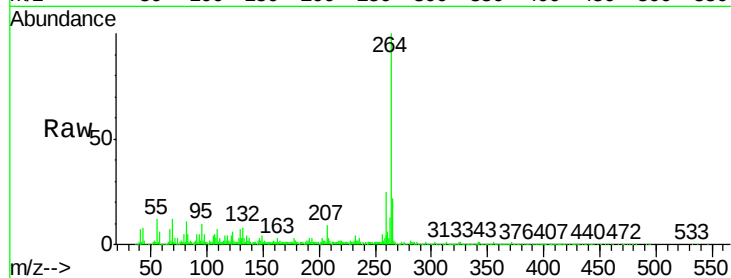




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.06 min
Lab File: BG023155.D
Acq: 16 Jul 2016 20:25

Instrument :
BNA_G
ClientSampleId :
C5-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	22.3	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

