

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023227.D
 Acq On : 22 Jul 2016 22:44
 Operator : UM/SJ
 Sample : H4131-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-3

Quant Time: Jul 22 23:56:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	113385	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	508200	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	372567	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	988483	20.00	ng	0.02
75) Chrysene-d12	21.89	240	1066383	20.00	ng	0.01
86) Perylene-d12	25.30	264	1029467	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	879482	126.86	ng	0.00
7) Phenol-d6	7.30	99	1250581	115.17	ng	0.00
23) Nitrobenzene-d5	9.32	82	1007990	84.93	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	666533	99.54	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	1937526	81.91	ng	0.01
78) Terphenyl-d14	20.18	244	3058980	95.24	ng	0.02

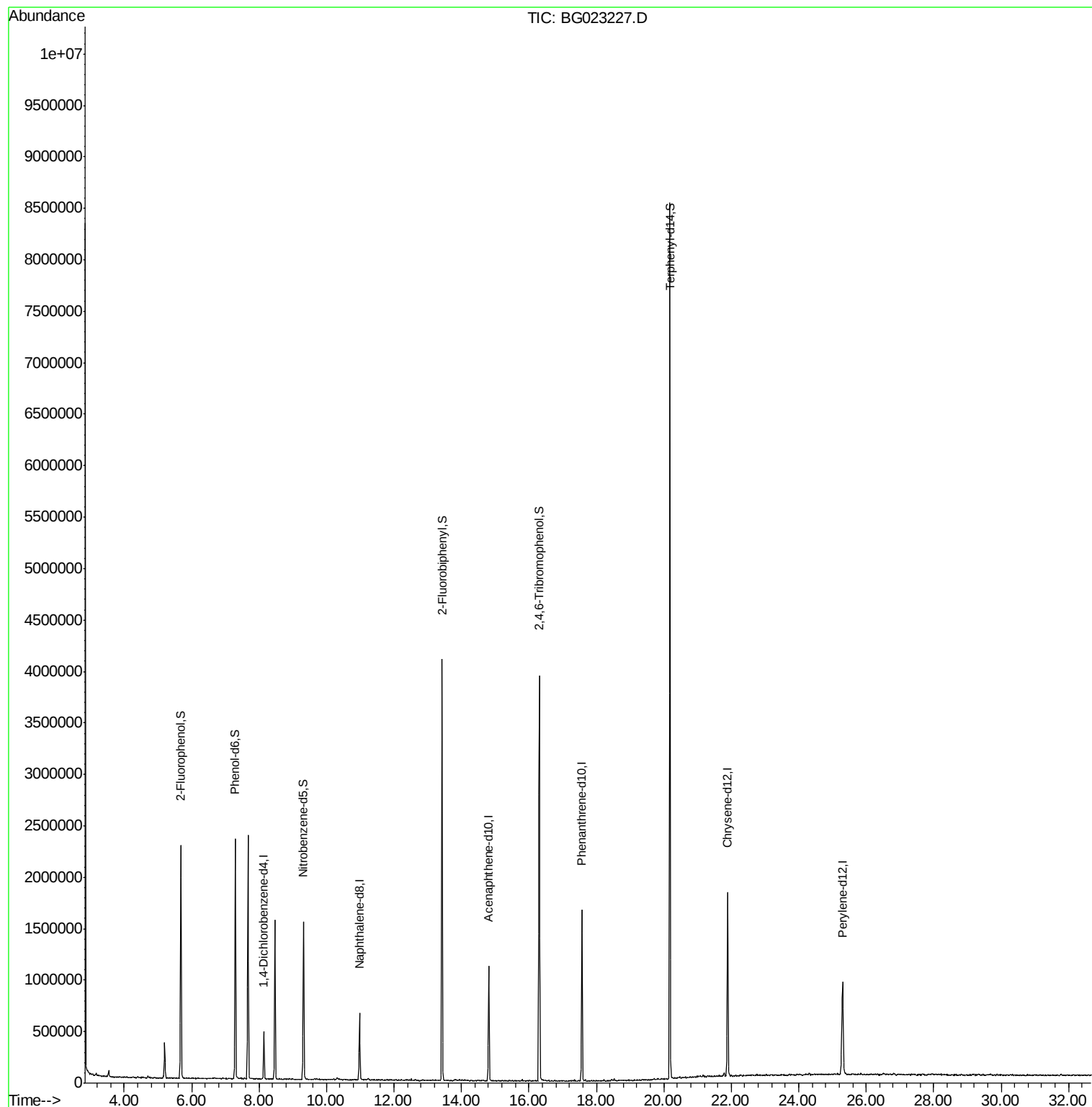
Target Compounds	Qvalue
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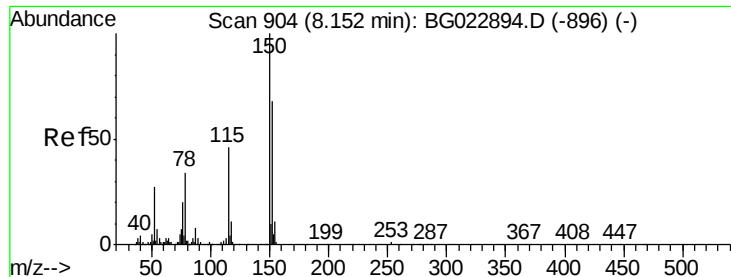
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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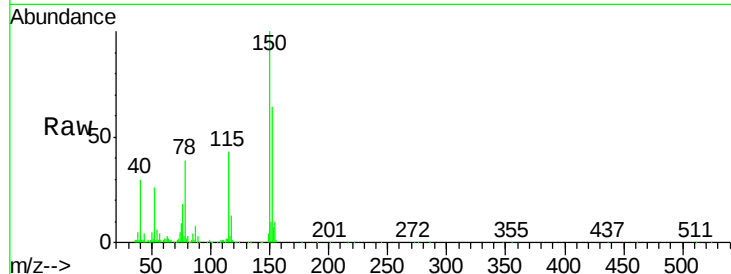


#1

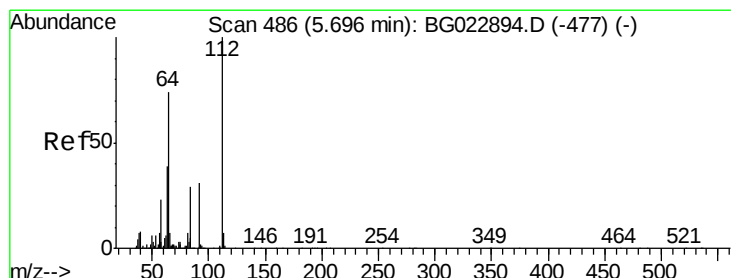
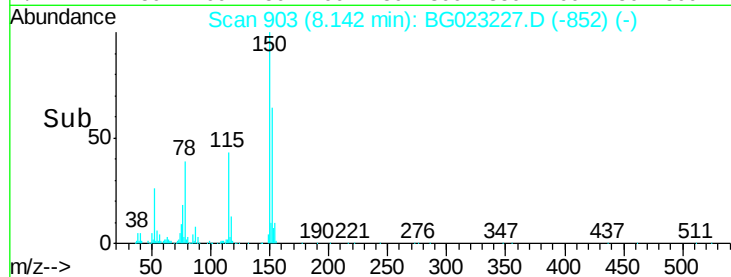
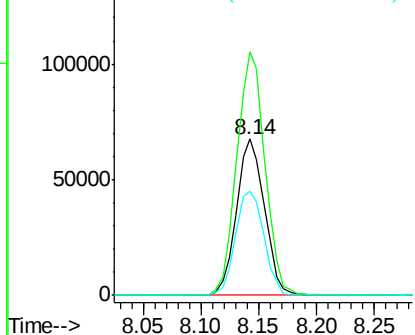
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023227.D
Acq: 22 Jul 2016 22:44

Instrument :
BNA_G
ClientSampled :
D-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	144.7	217.1
115	66.4	64.0	96.0



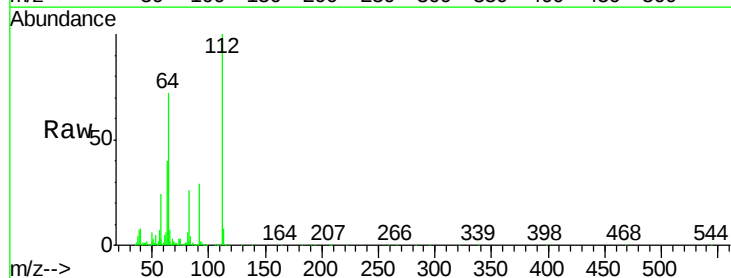
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



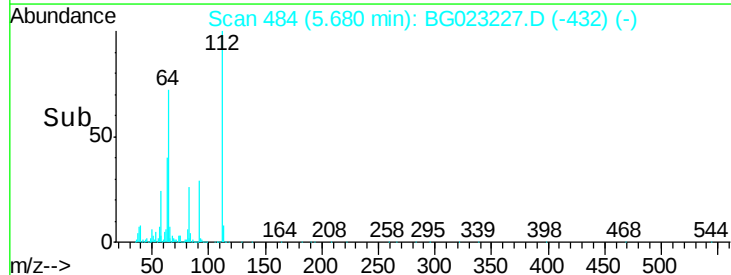
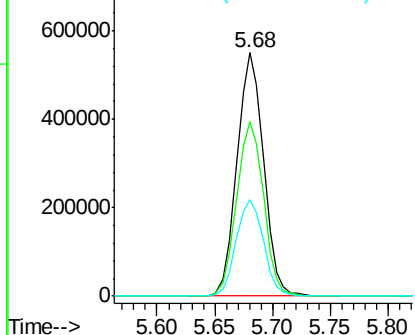
#5

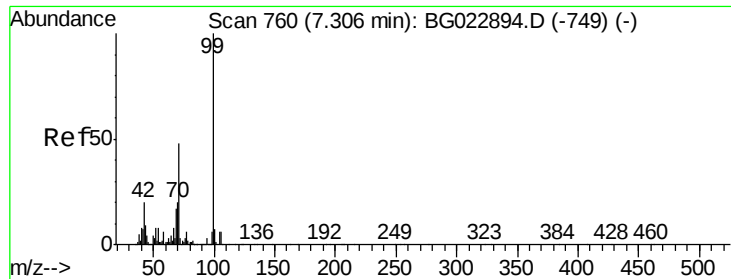
2-Fluorophenol
Concen: 126.86 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.00 min
Lab File: BG023227.D
Acq: 22 Jul 2016 22:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	59.0	88.4
63	39.5	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: 115.17 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023227.D

Acq: 22 Jul 2016 22:44

Instrument :

BNA_G

ClientSampleId :

D-3

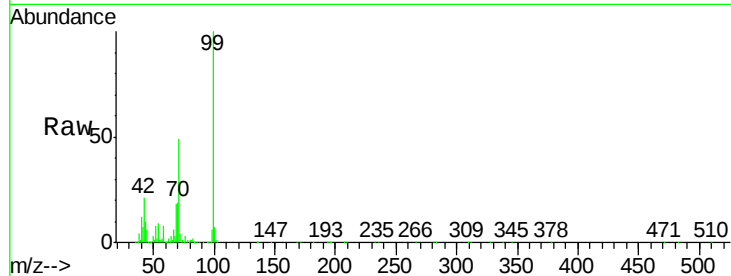
Tgt Ion: 99 Resp: 1250581

Ion Ratio Lower Upper

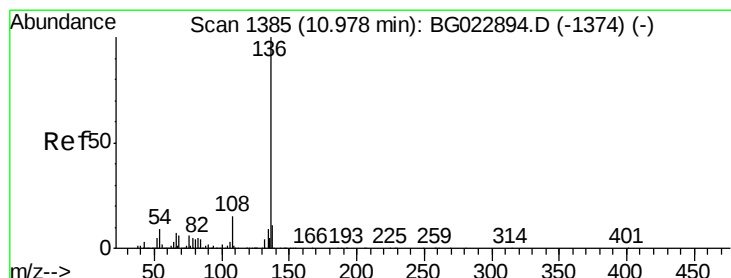
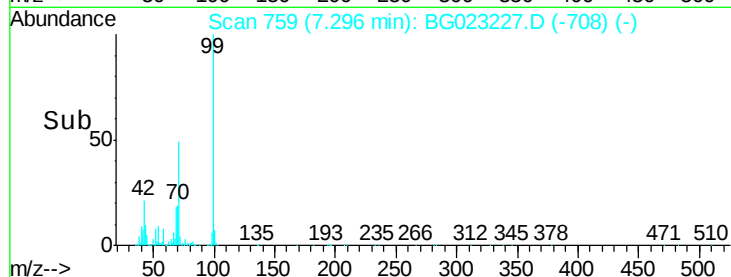
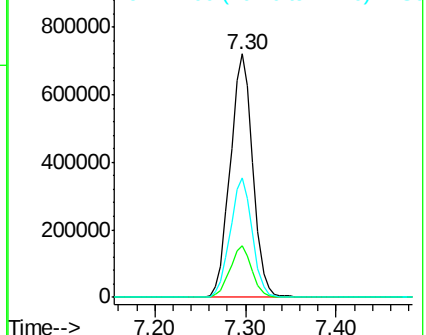
99 100

42 21.2 17.8 26.6

71 49.3 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: BG023227.D

Acq: 22 Jul 2016 22:44

Tgt Ion: 136 Resp: 508200

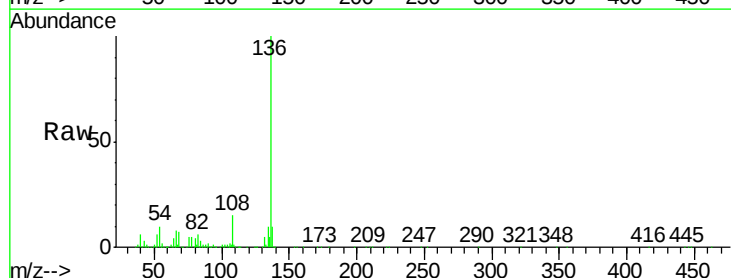
Ion Ratio Lower Upper

136 100

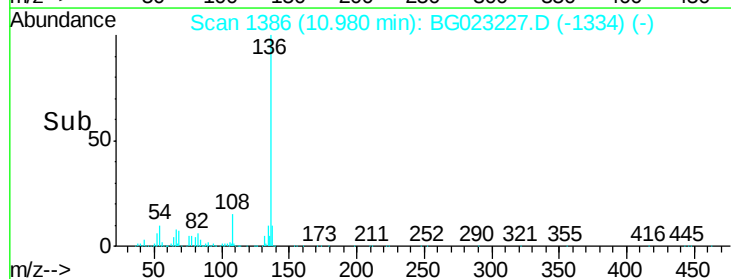
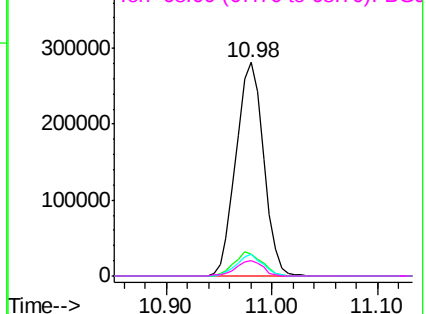
137 10.3 9.6 14.4

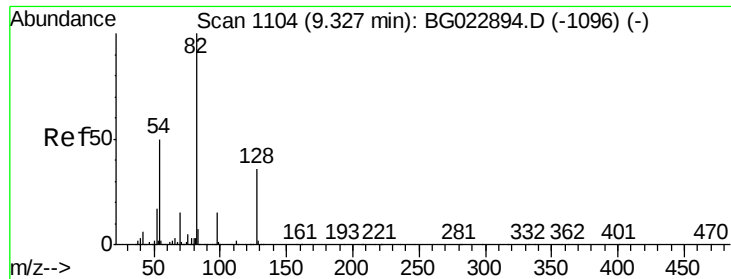
54 10.1 7.3 10.9

68 7.0 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

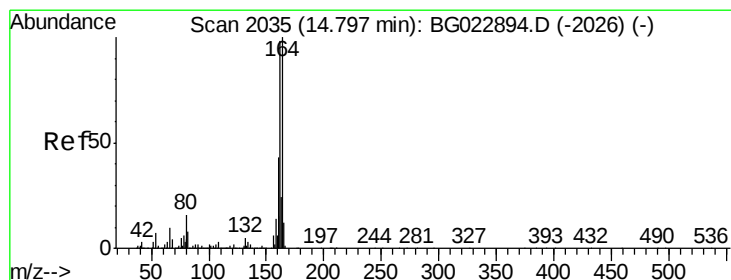
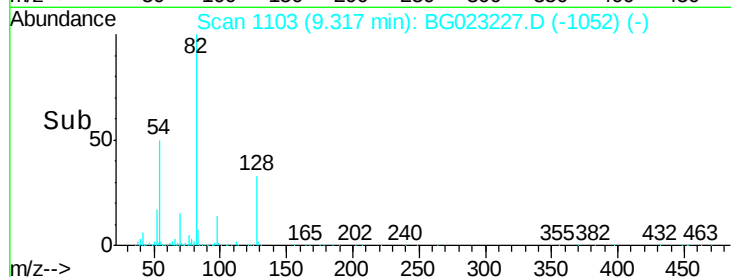
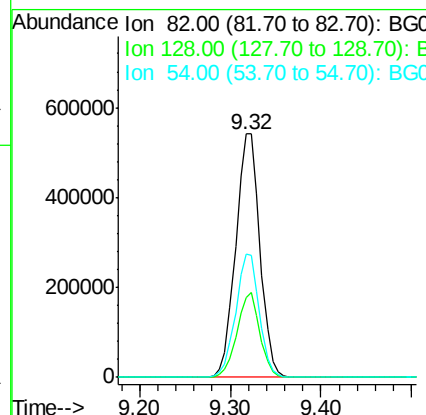
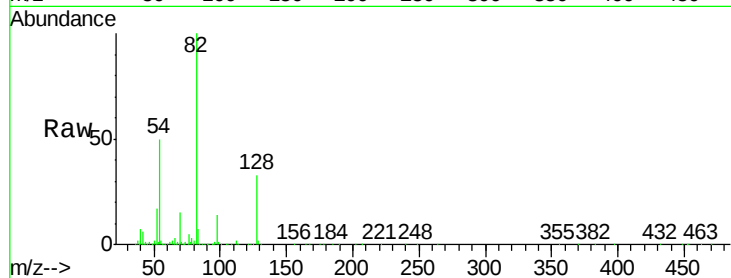




#23
 Nitrobenzene-d5
 Concen: 84.93 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023227.D
 Acq: 22 Jul 2016 22:44

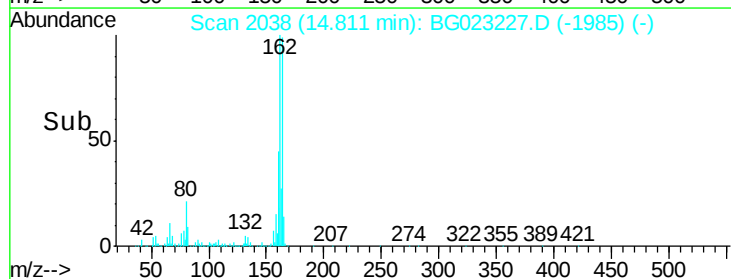
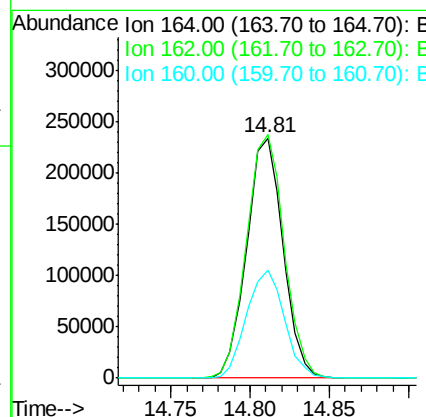
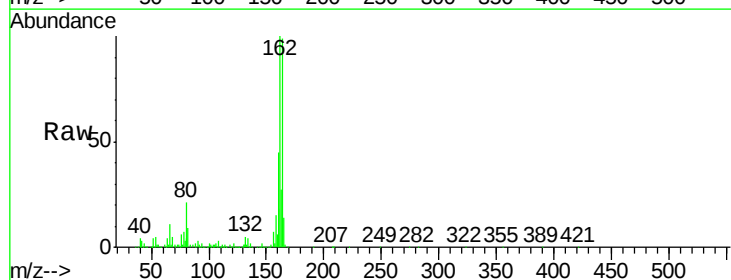
Instrument :
 BNA_G
 ClientSampleId :
 D-3

Tgt Ion: 82 Resp: 1007990
 Ion Ratio Lower Upper
 82 100
 128 33.0 24.4 36.6
 54 50.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BG023227.D
 Acq: 22 Jul 2016 22:44

Tgt Ion: 164 Resp: 372567
 Ion Ratio Lower Upper
 164 100
 162 101.5 87.7 131.5
 160 45.2 37.2 55.8

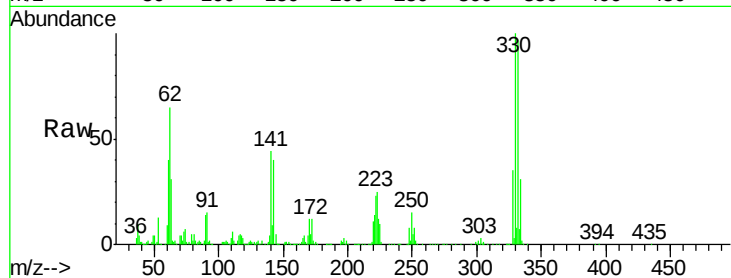




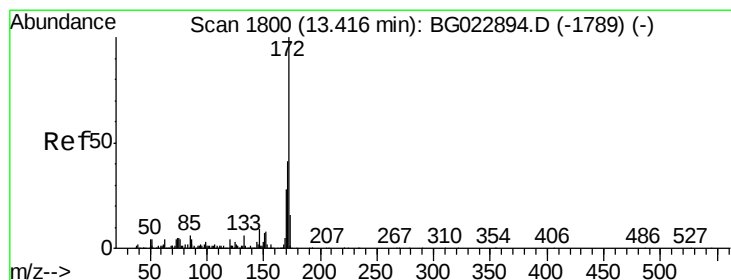
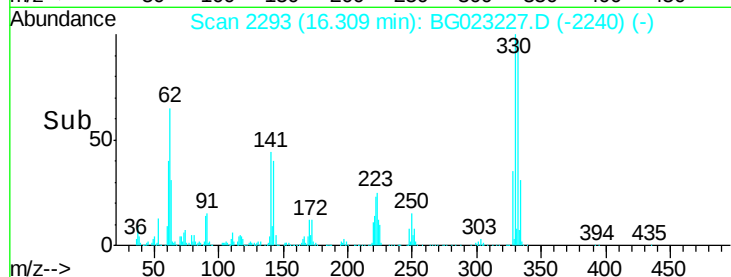
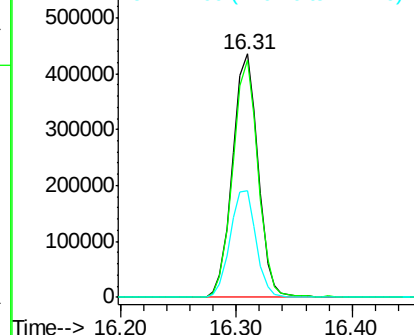
#41
 2,4,6-Tribromophenol
 Concen: 99.54 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG023227.D
 Acq: 22 Jul 2016 22:44

Instrument :
 BNA_G
 ClientSampleId :
 D-3

Tgt Ion:330 Resp: 666533
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 44.6 31.7 47.5

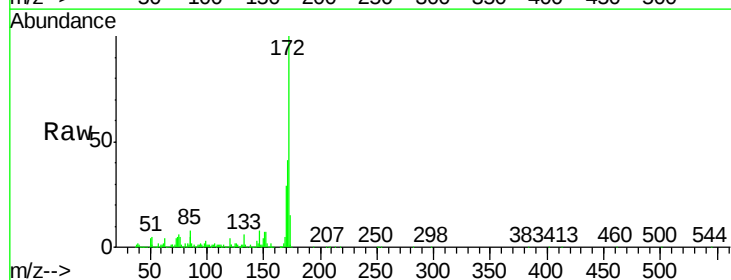


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

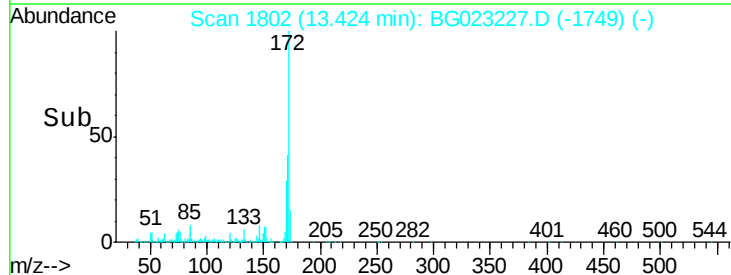
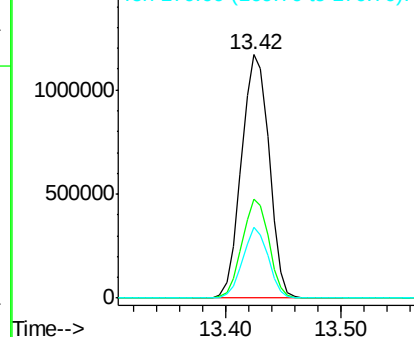


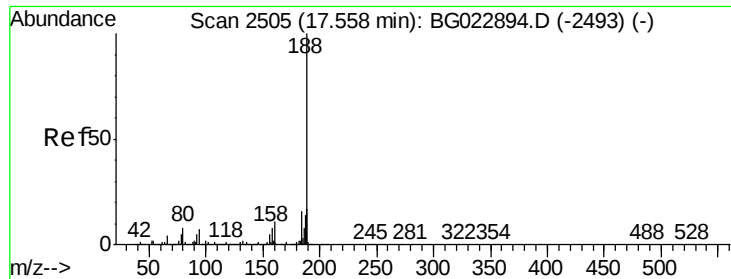
#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023227.D
 Acq: 22 Jul 2016 22:44

Tgt Ion:172 Resp: 1937526
 Ion Ratio Lower Upper
 172 100
 171 40.8 31.6 47.4
 170 28.9 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

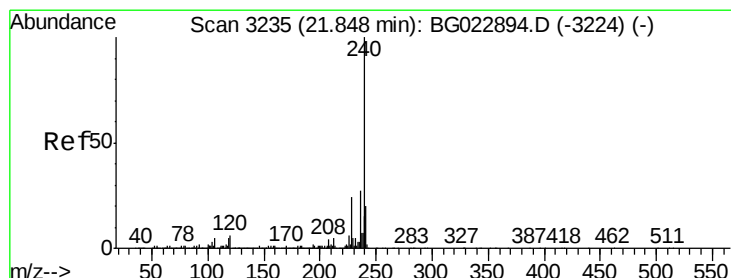
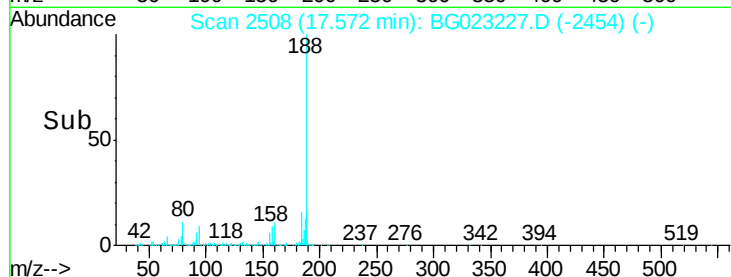
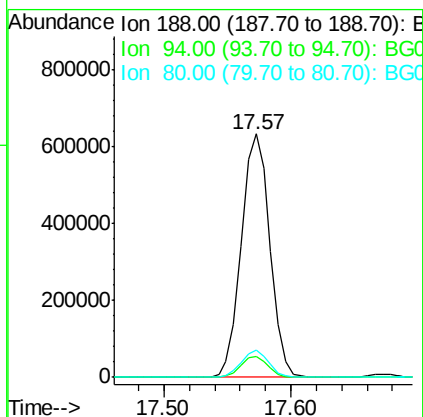
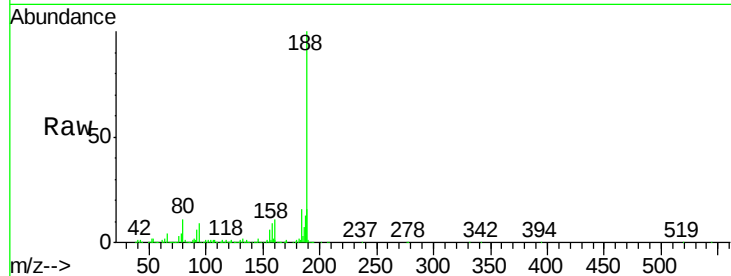




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG023227.D
Acq: 22 Jul 2016 22:44

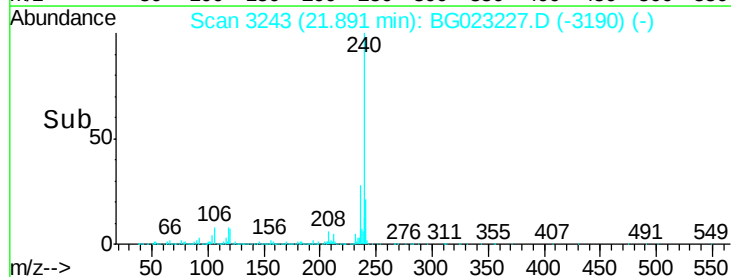
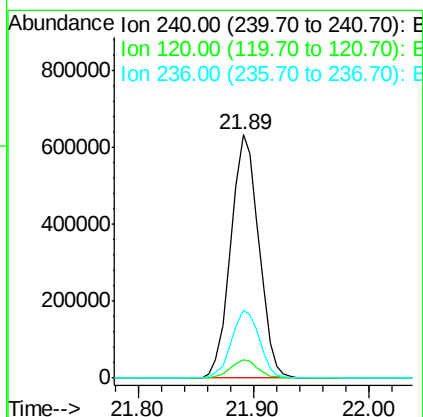
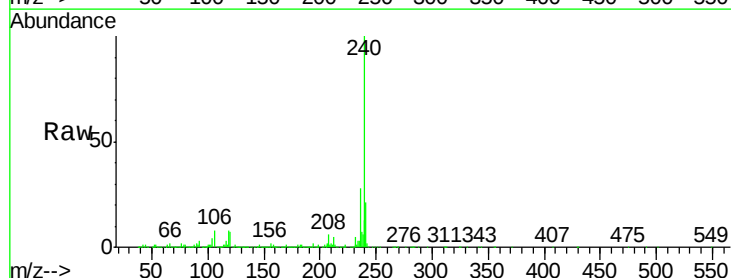
Instrument :
BNA_G
ClientSampleId :
D-3

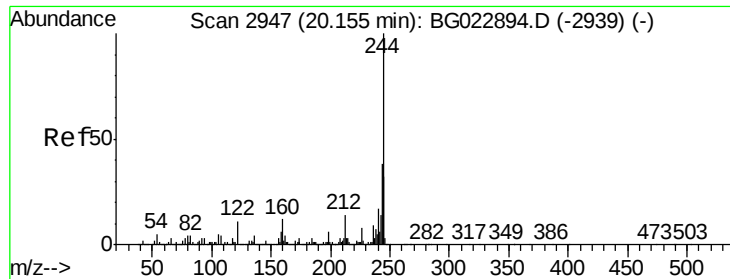
Tgt Ion:188 Resp: 988483
Ion Ratio Lower Upper
188 100
94 8.7 5.2 7.8#
80 11.4 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023227.D
Acq: 22 Jul 2016 22:44

Tgt Ion:240 Resp: 1066383
Ion Ratio Lower Upper
240 100
120 7.4 4.1 6.1#
236 28.1 21.1 31.7





#78

Terphenyl-d14

Concen: 95.24 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.02 min

Lab File: BG023227.D

Acq: 22 Jul 2016 22:44

Instrument :

BNA_G

ClientSampleId :

D-3

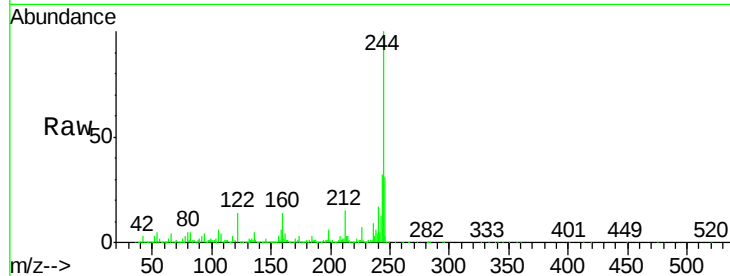
Tgt Ion:244 Resp: 3058980

Ion Ratio Lower Upper

244 100

212 15.0 10.8 16.2

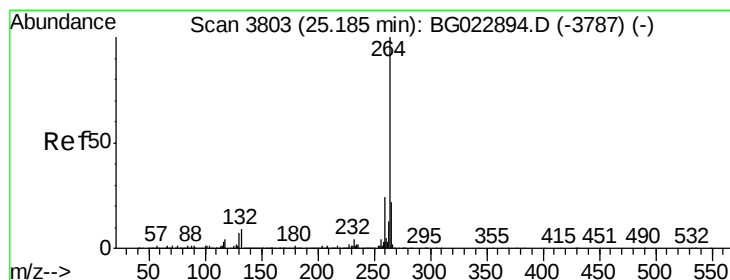
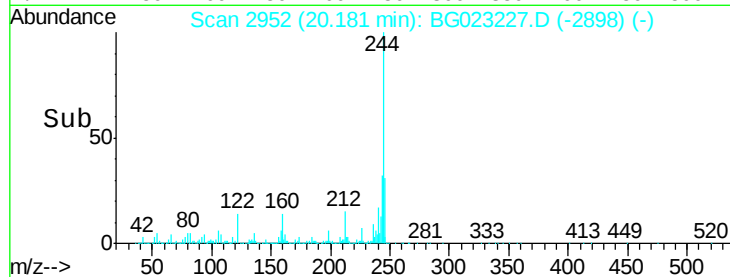
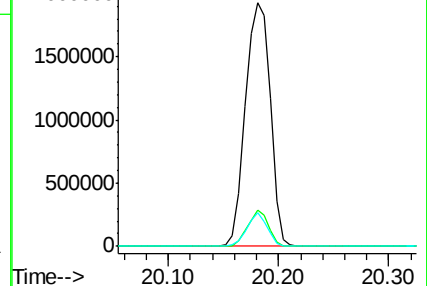
122 13.7 8.0 12.0#



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: 25.30 min Scan# 3823

Delta R.T. 0.03 min

Lab File: BG023227.D

Acq: 22 Jul 2016 22:44

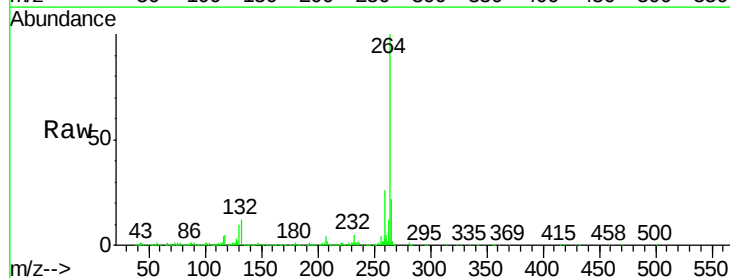
Tgt Ion:264 Resp: 1029467

Ion Ratio Lower Upper

264 100

260 26.3 18.4 27.6

265 21.7 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

