

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022560.D
 Acq On : 25 Jun 2016 5:27
 Operator : UM/SJ
 Sample : H3633-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Jun 25 07:06:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	119554	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	500385	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	359266	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	974034	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1116378	20.00	ng	0.00
86) Perylene-d12	25.21	264	1133691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	474593	63.67	ng	0.00
7) Phenol-d6	7.30	99	454217	43.23	ng	0.00
23) Nitrobenzene-d5	9.34	82	1069372	90.45	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	865942	153.24	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2087492	92.15	ng	0.00
78) Terphenyl-d14	20.16	244	3315345	78.68	ng	0.00

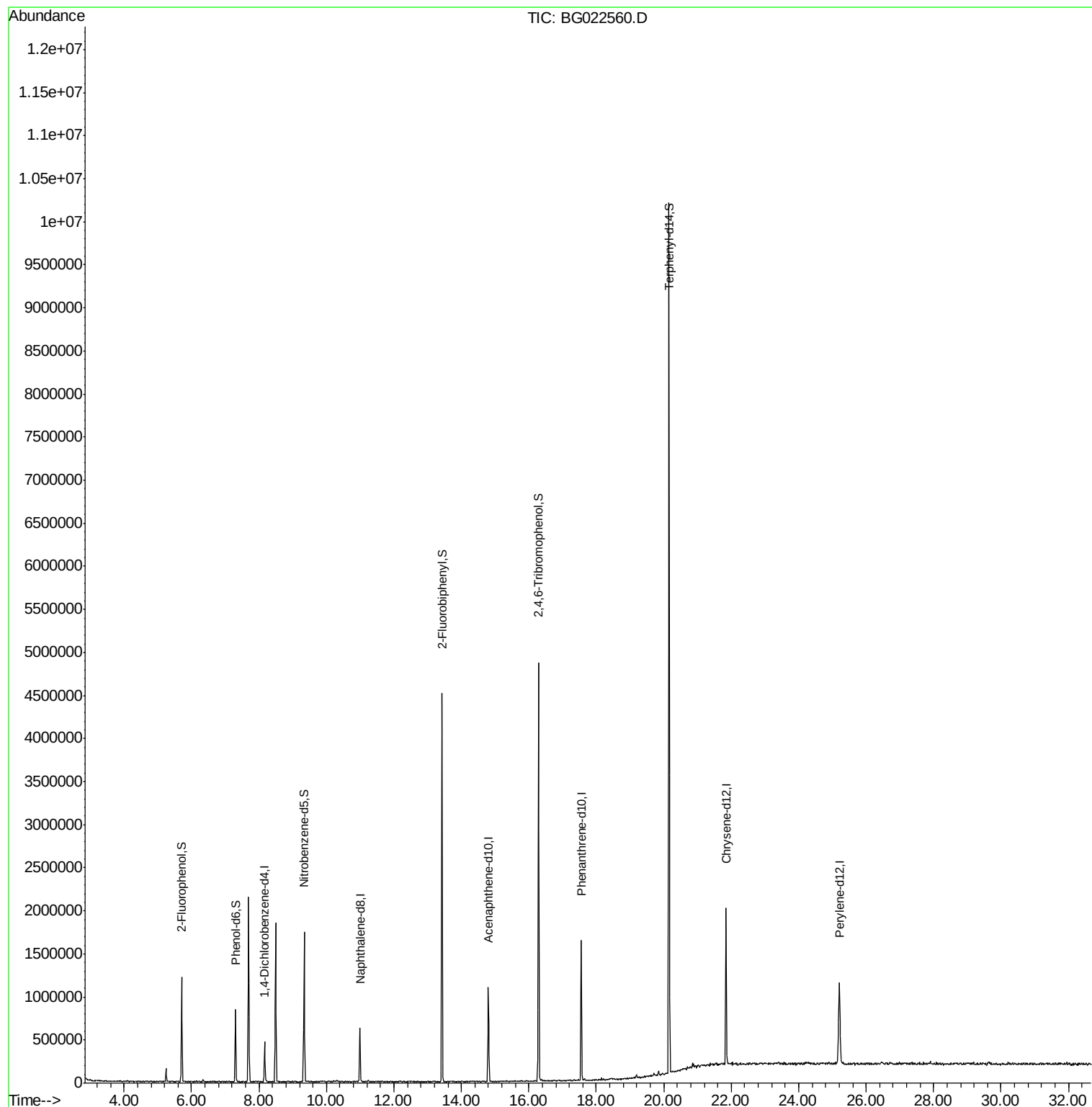
Target Compounds	Qvalue
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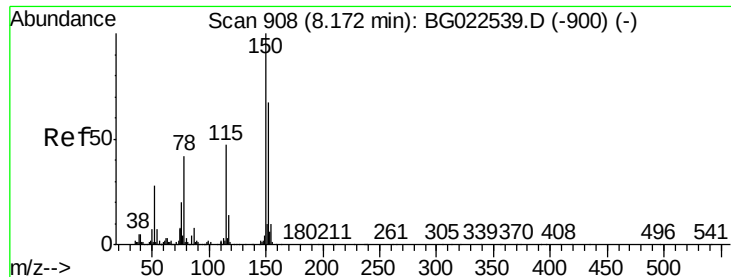
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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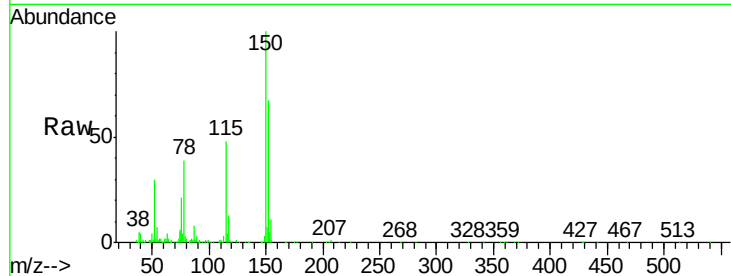


#1

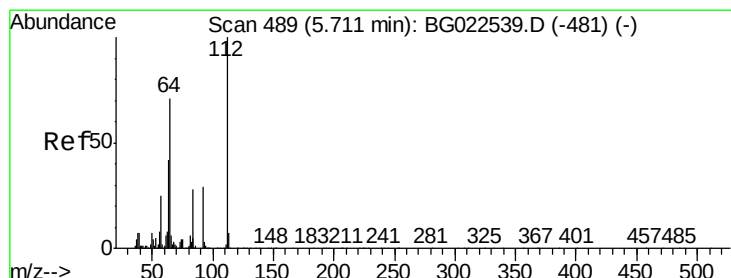
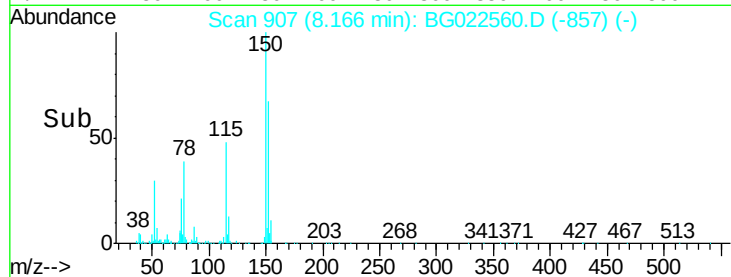
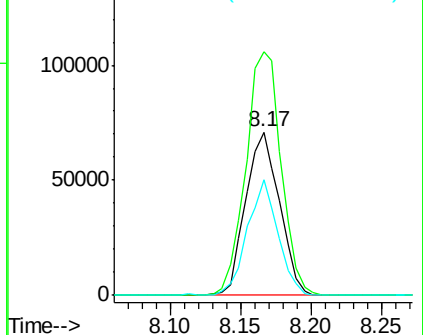
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

Instrument :
BNA_G
ClientSampleId :
FB

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.4	144.7	217.1
115	71.1	64.0	96.0



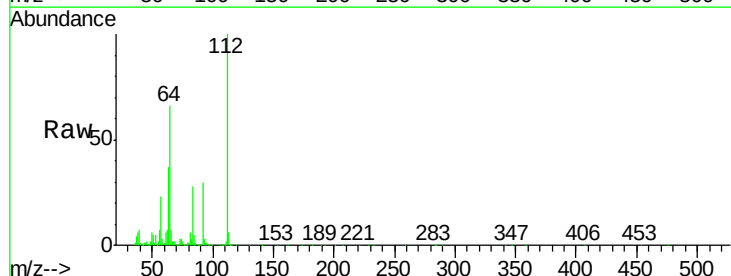
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



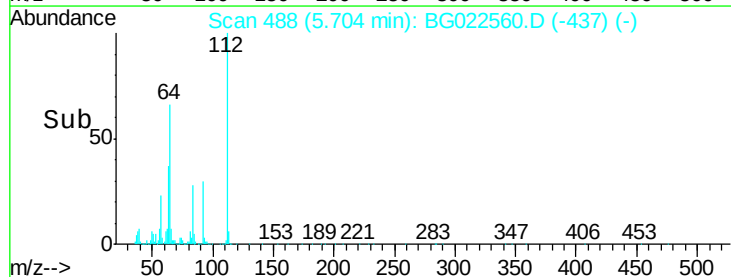
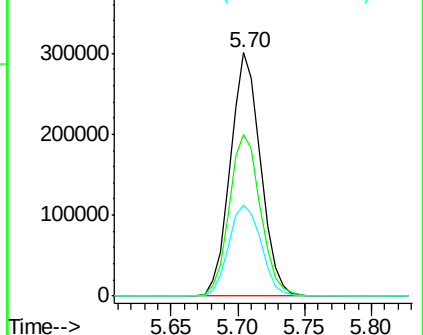
#5

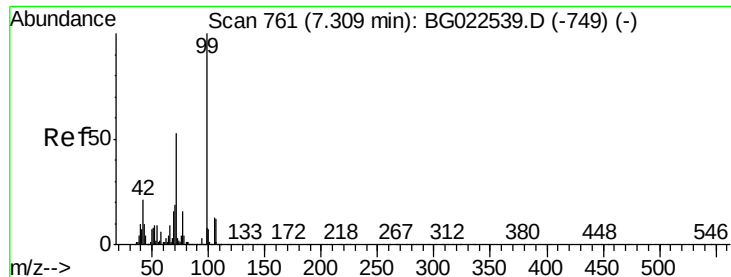
2-Fluorophenol
Concen: 63.67 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	59.0	88.4
63	37.2	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: 43.23 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

Instrument :

BNA_G

ClientSampleId :

FB

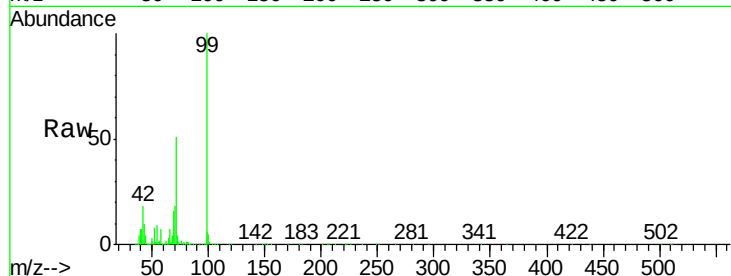
Tgt Ion: 99 Resp: 454217

Ion Ratio Lower Upper

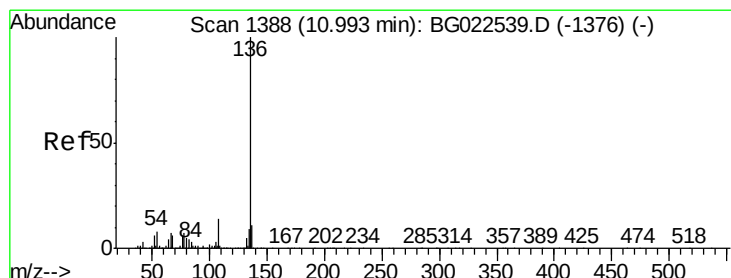
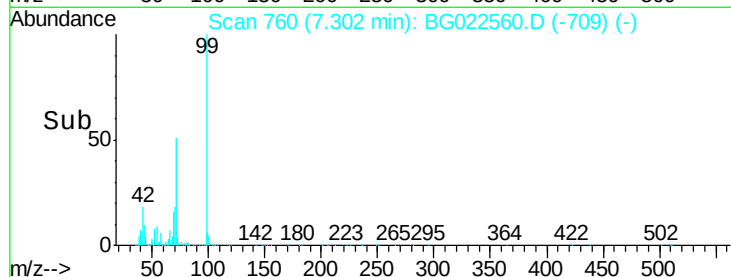
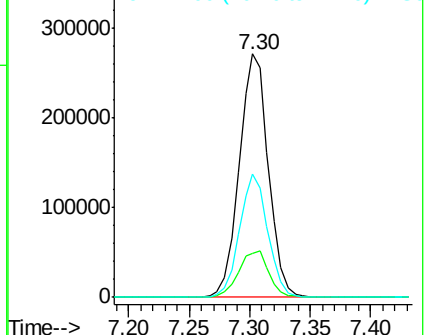
99 100

42 18.1 17.8 26.6

71 50.8 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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

Tgt Ion: 136 Resp: 500385

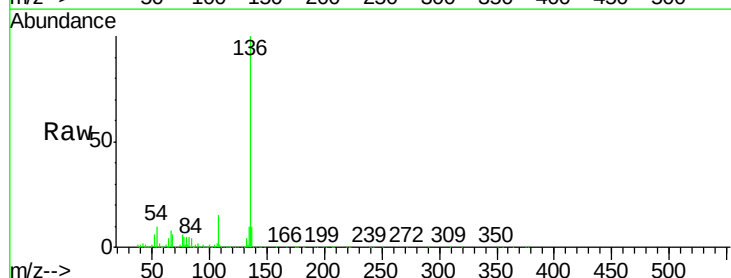
Ion Ratio Lower Upper

136 100

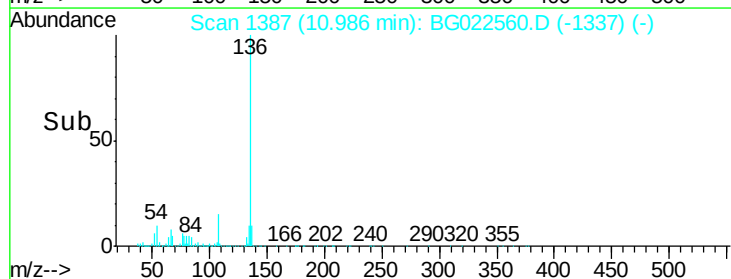
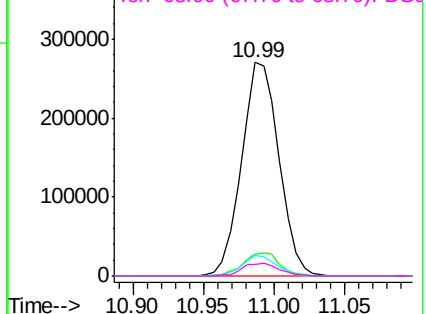
137 10.2 9.6 14.4

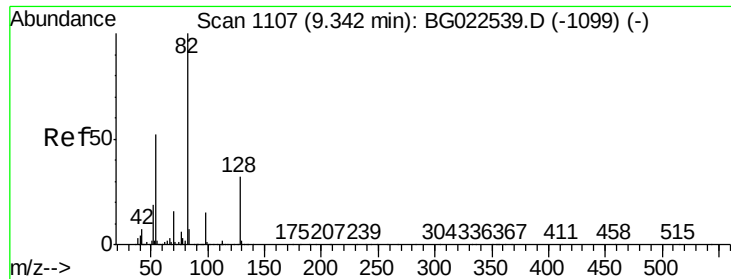
54 9.9 7.3 10.9

68 5.6 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

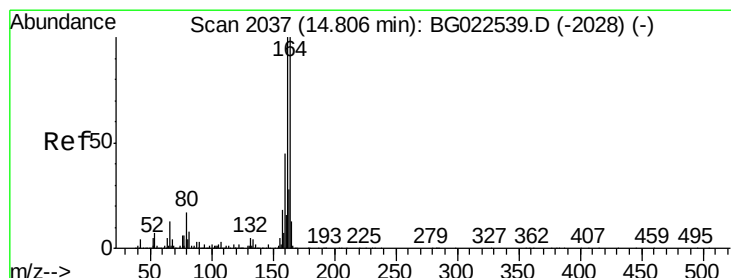
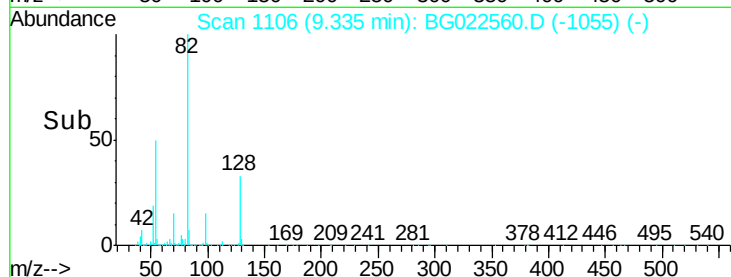
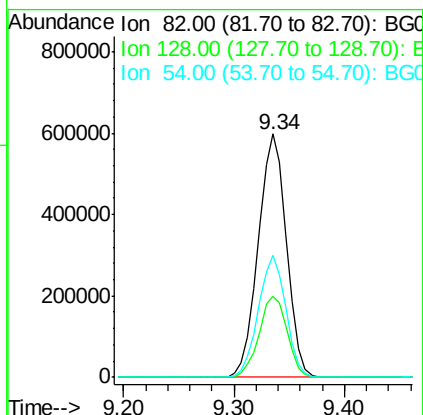
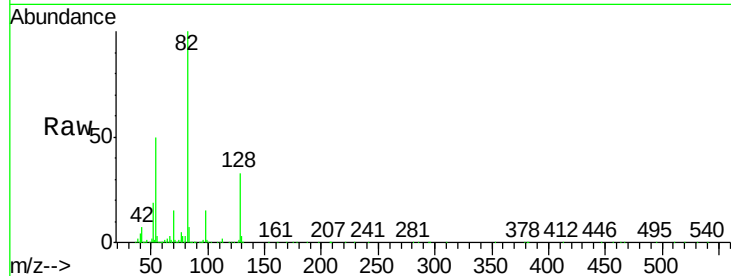




#23
 Nitrobenzene-d5
 Concen: 90.45 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022560.D
 Acq: 25 Jun 2016 5:27

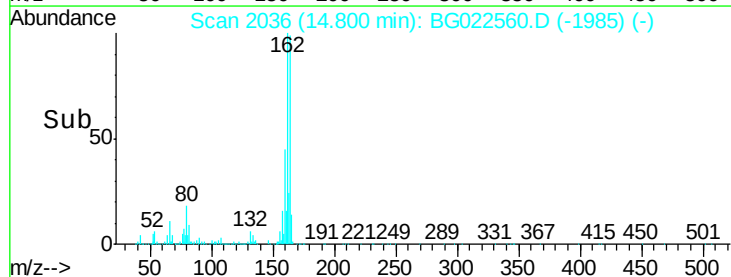
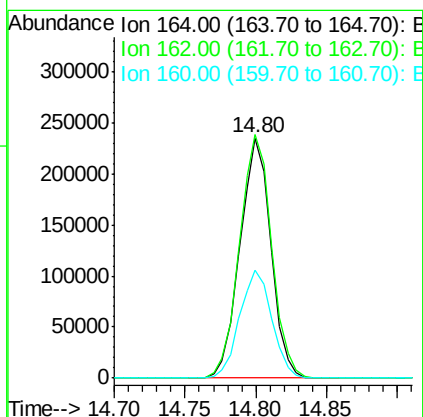
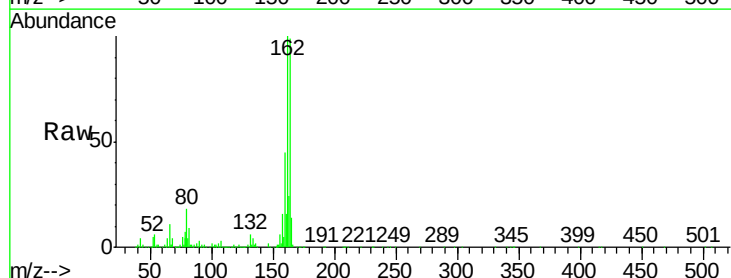
Instrument :
 BNA_G
 ClientSampleId :
 FB

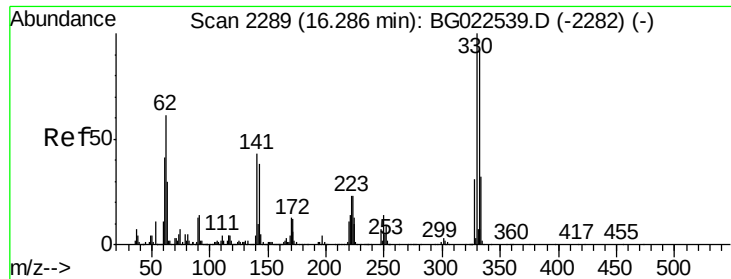
Tgt Ion: 82 Resp: 1069372
 Ion Ratio Lower Upper
 82 100
 128 33.1 24.4 36.6
 54 50.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG022560.D
 Acq: 25 Jun 2016 5:27

Tgt Ion: 164 Resp: 359266
 Ion Ratio Lower Upper
 164 100
 162 101.5 87.7 131.5
 160 45.2 37.2 55.8

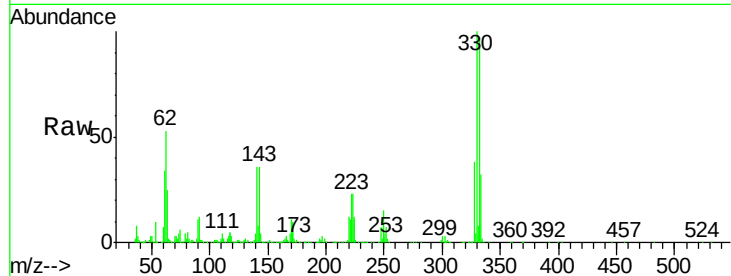




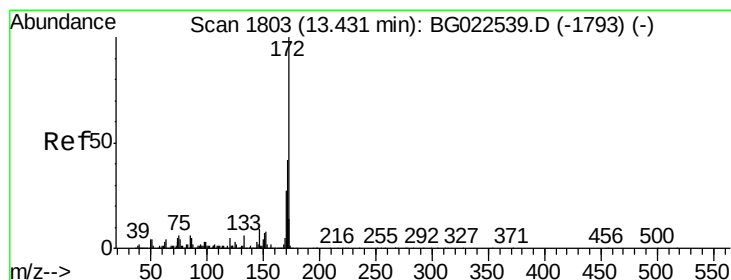
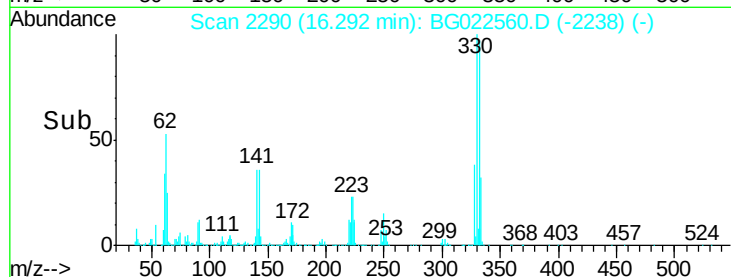
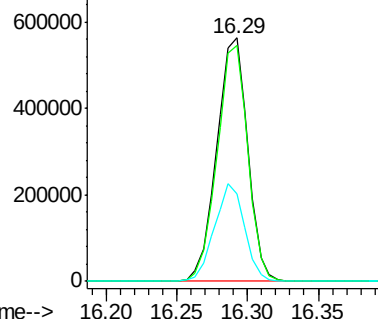
#41
 2,4,6-Tribromophenol
 Concen: 153.24 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG022560.D
 Acq: 25 Jun 2016 5:27

Instrument :
 BNA_G
 ClientSampleId :
 FB

Tgt Ion:330 Resp: 865942
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 39.1 31.7 47.5

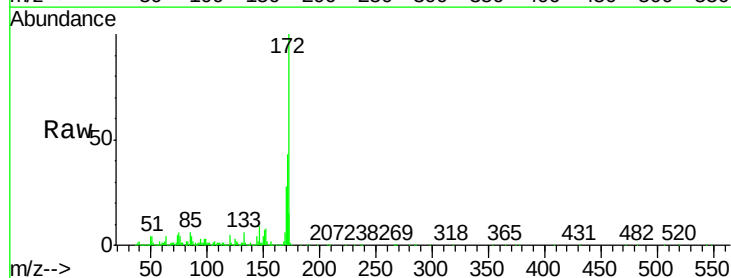


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

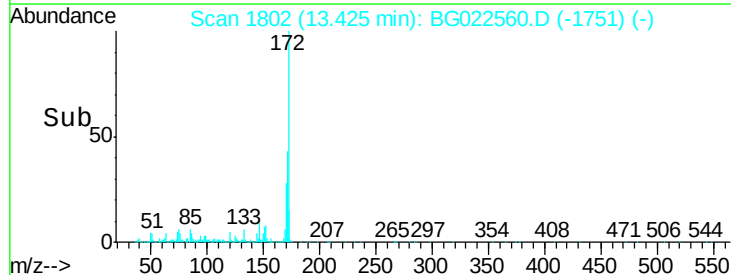
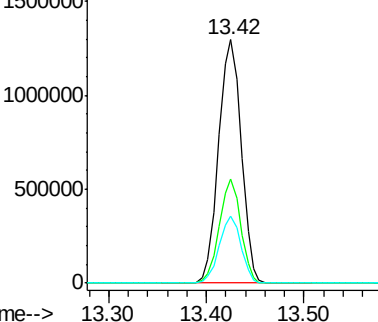


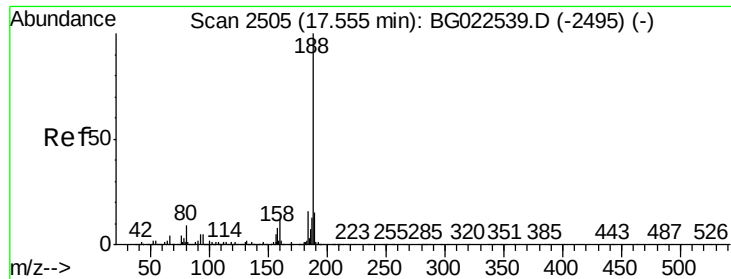
#44
 2-Fluorobiphenyl
 Concen: 92.15 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG022560.D
 Acq: 25 Jun 2016 5:27

Tgt Ion:172 Resp: 2087492
 Ion Ratio Lower Upper
 172 100
 171 42.6 31.6 47.4
 170 27.5 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

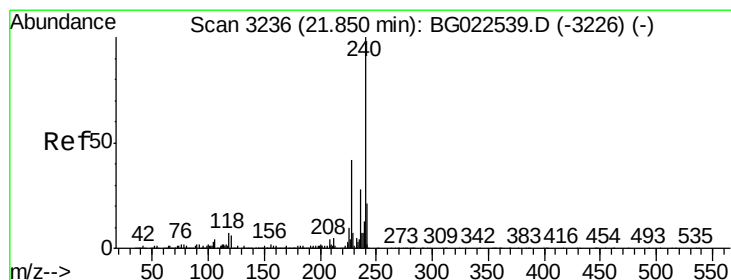
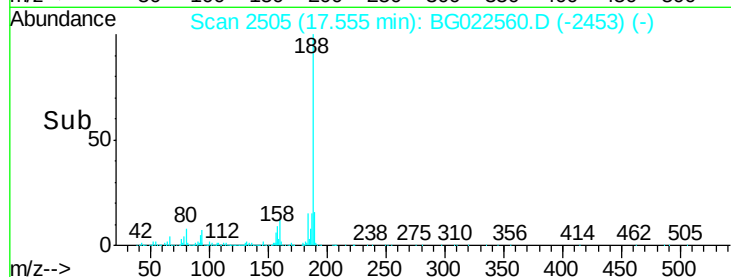
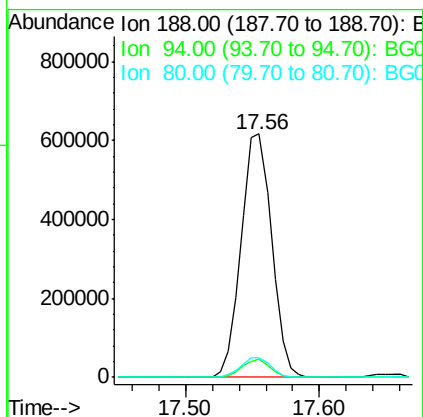
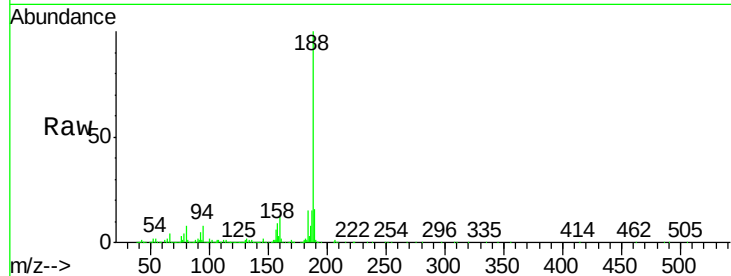




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

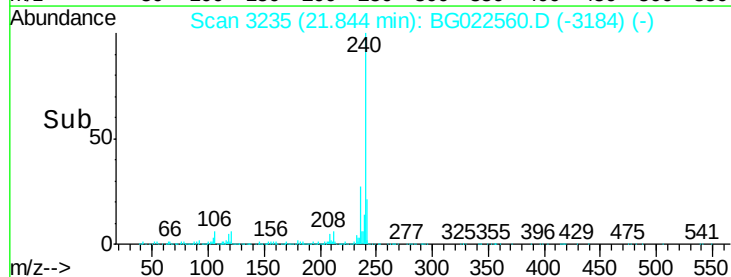
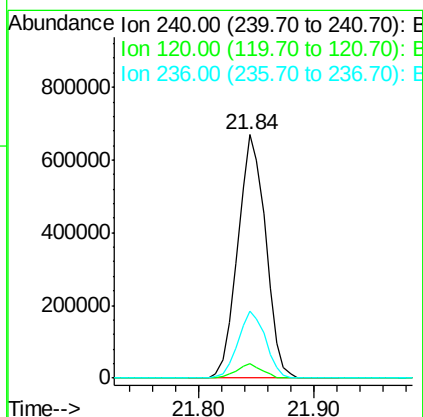
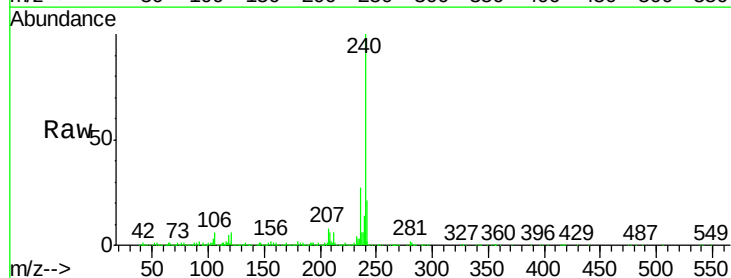
Instrument :
BNA_G
ClientSampleId :
FB

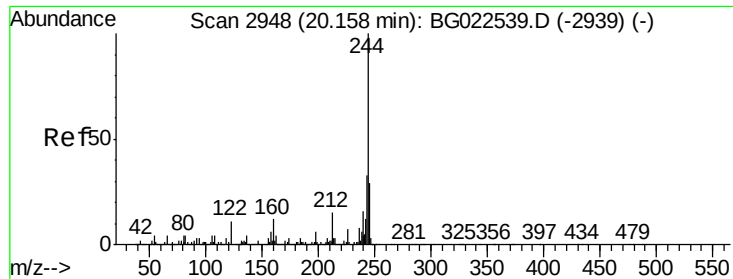
Tgt Ion:188 Resp: 974034
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 8.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022560.D
Acq: 25 Jun 2016 5:27

Tgt Ion:240 Resp: 1116378
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 27.3 21.1 31.7





#78

Terphenyl-d14

Concen: 78.68 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

Instrument :

BNA_G

ClientSampleId :

FB

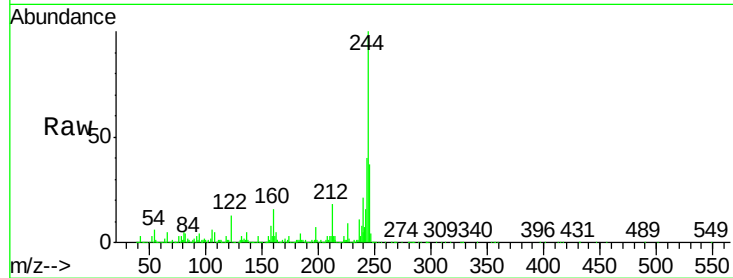
Tgt Ion:244 Resp: 3315345

Ion Ratio Lower Upper

244 100

212 18.0 10.8 16.2#

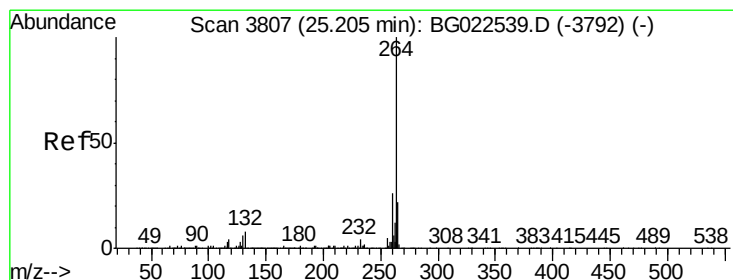
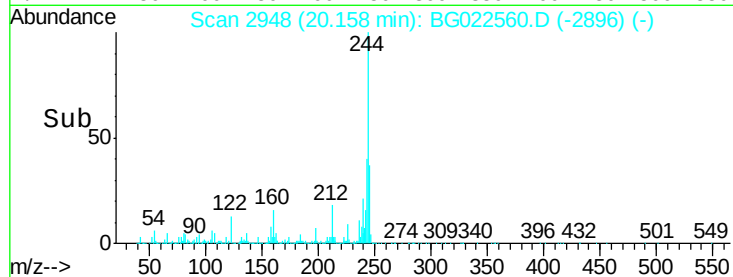
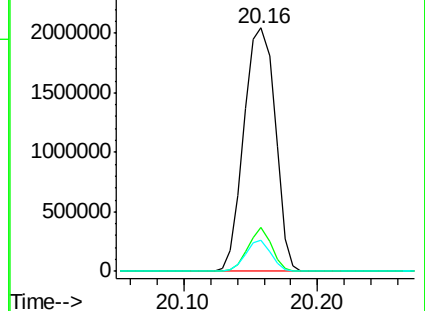
122 12.9 8.0 12.0#



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: 25.21 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BG022560.D

Acq: 25 Jun 2016 5:27

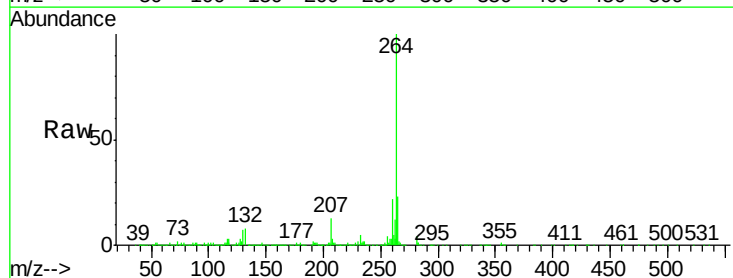
Tgt Ion:264 Resp: 1133691

Ion Ratio Lower Upper

264 100

260 22.4 18.4 27.6

265 22.8 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

