

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024132.D
 Acq On : 24 Sep 2016 20:18
 Operator : UM/SJ
 Sample : H4897-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-092116

Quant Time: Sep 26 01:49:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43124	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	182877	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	157149	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	369150	20.00	ng	0.00
75) Chrysene-d12	21.79	240	418883	20.00	ng	0.00
86) Perylene-d12	25.13	264	400222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	187338	75.26	ng	0.00
7) Phenol-d6	7.21	99	177665	42.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	497939	107.31	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	350779	155.29	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1013211	108.38	ng	0.00
78) Terphenyl-d14	20.09	244	1838154	89.85	ng	0.00

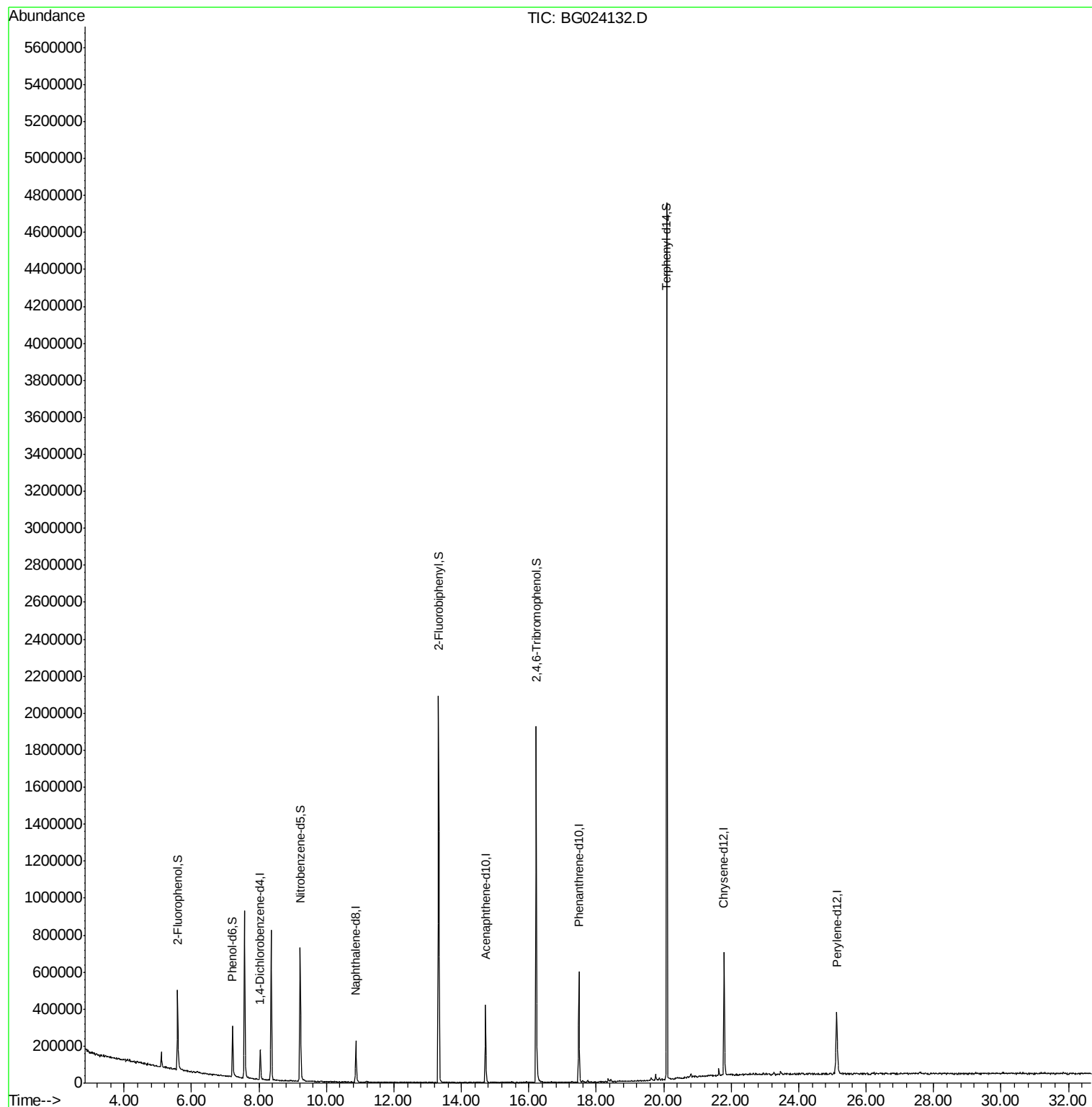
Target Compounds	Qvalue
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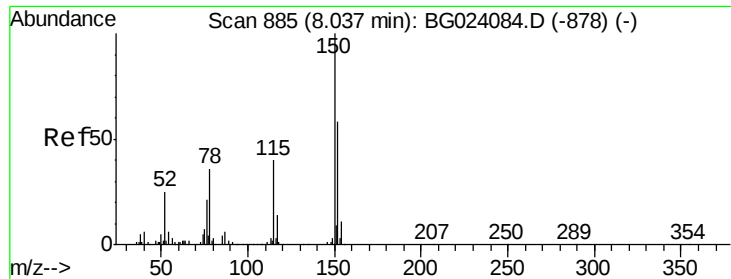
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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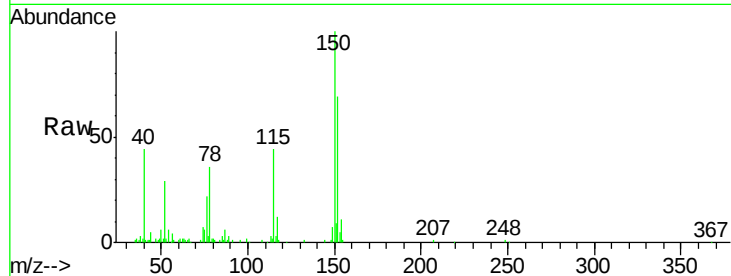


#1

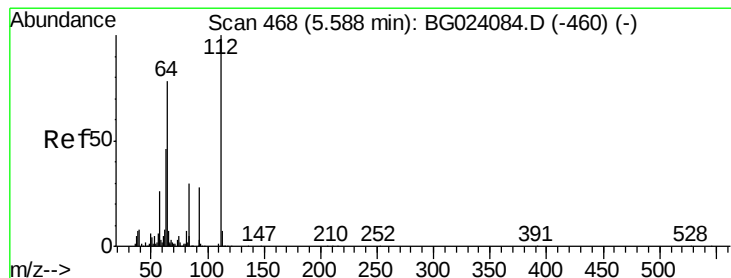
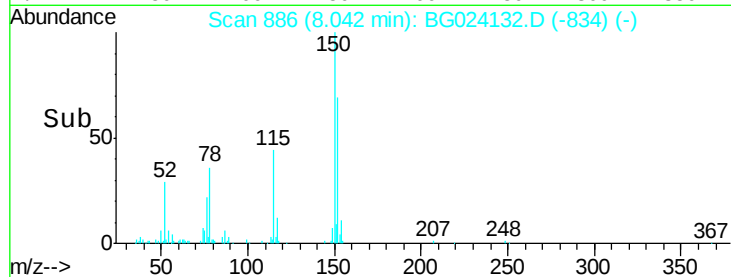
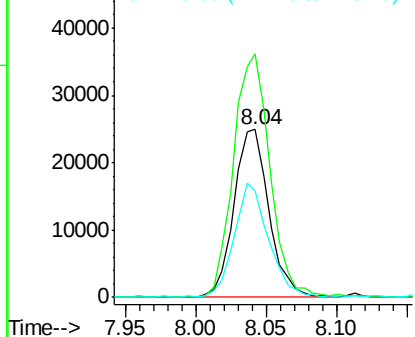
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG024132.D
Acq: 24 Sep 2016 20:18

Instrument :
BNA_G
ClientSampleId :
FB-092116

Tgt Ion:152 Resp: 43124
Ion Ratio Lower Upper
152 100
150 144.9 144.7 217.1
115 63.7 64.0 96.0#



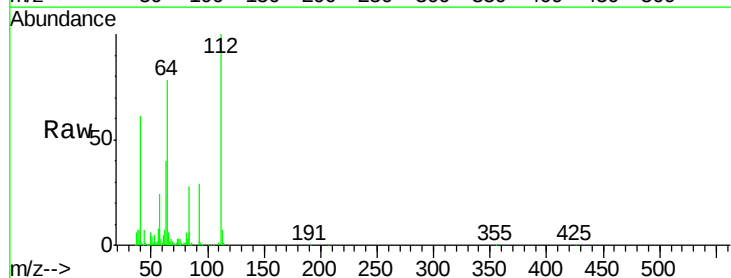
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



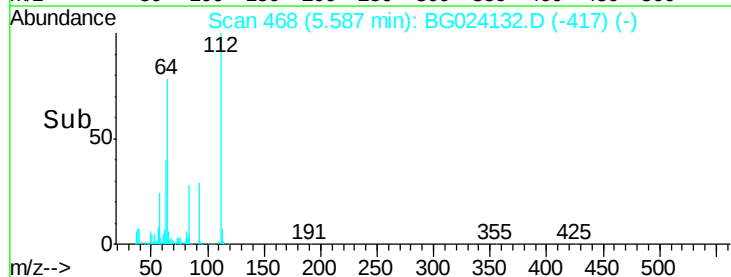
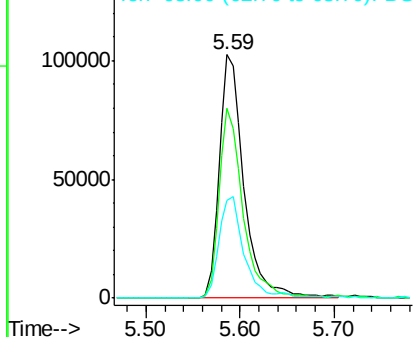
#5

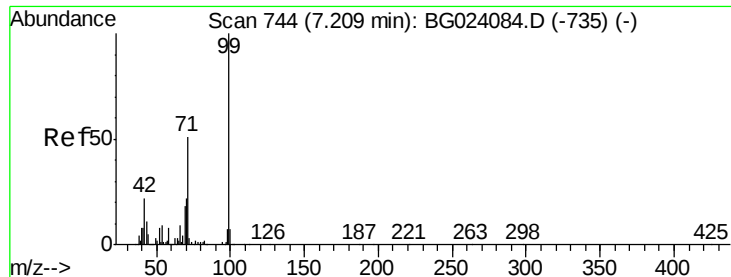
2-Fluorophenol
Concen: 75.26 ng
RT: 5.59 min Scan# 468
Delta R.T. -0.00 min
Lab File: BG024132.D
Acq: 24 Sep 2016 20:18

Tgt Ion:112 Resp: 187338
Ion Ratio Lower Upper
112 100
64 77.8 59.0 88.4
63 40.1 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: 42.42 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

Instrument :

BNA_G

ClientSampleId :

FB-092116

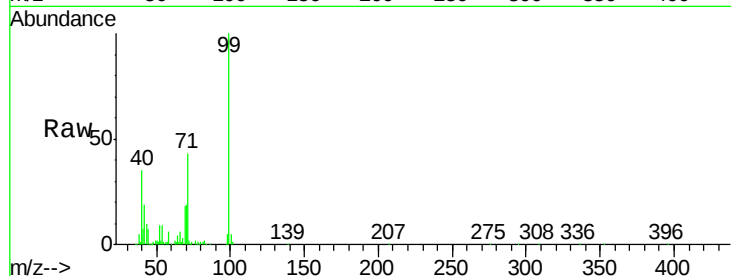
Tgt Ion: 99 Resp: 177665

Ion Ratio Lower Upper

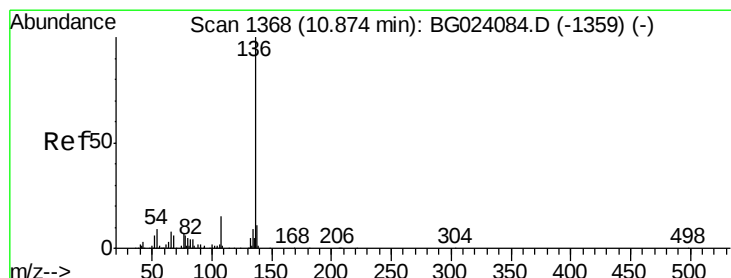
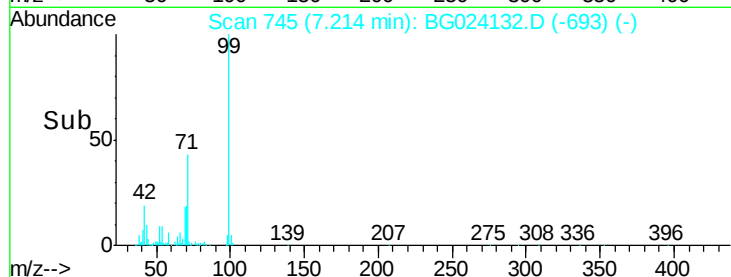
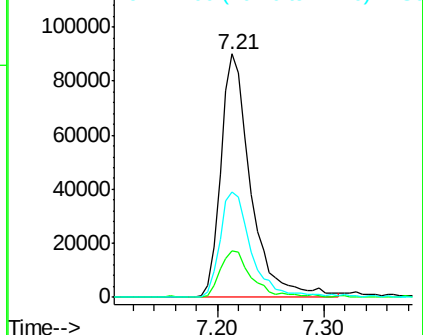
99 100

42 19.1 17.8 26.6

71 43.5 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: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

Tgt Ion: 136 Resp: 182877

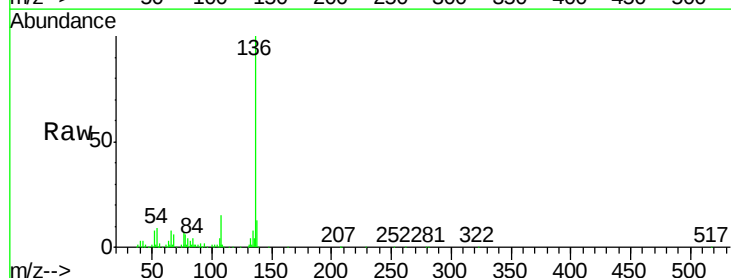
Ion Ratio Lower Upper

136 100

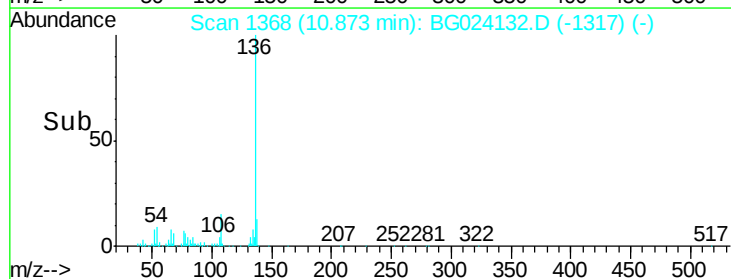
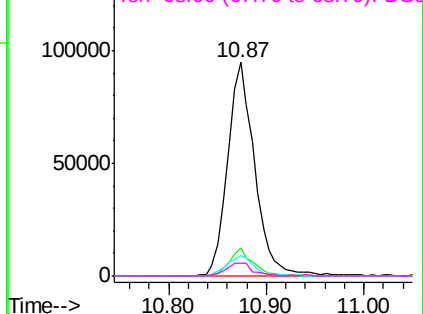
137 13.1 9.6 14.4

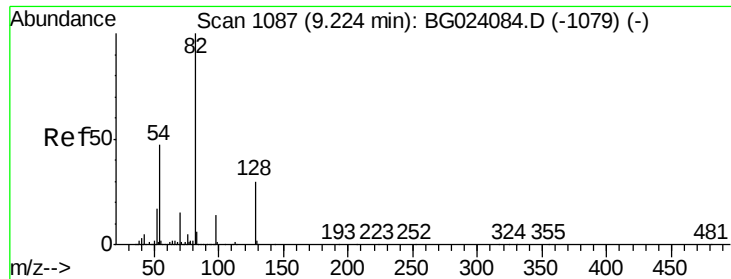
54 9.5 7.3 10.9

68 5.7 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

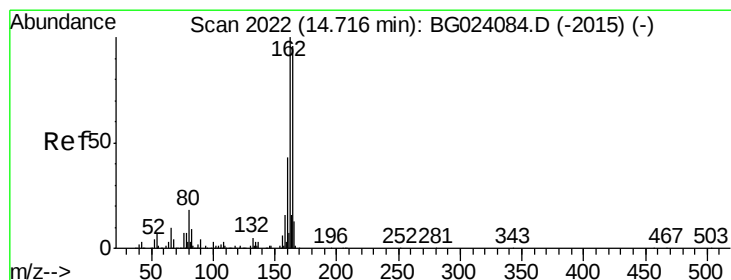
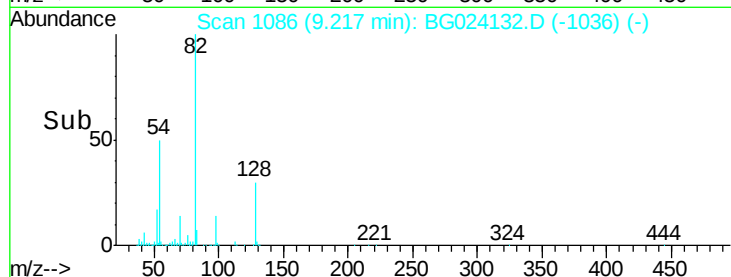
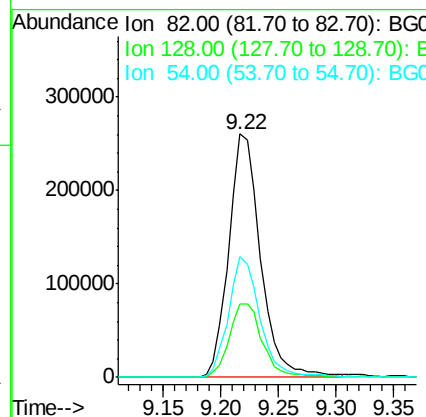
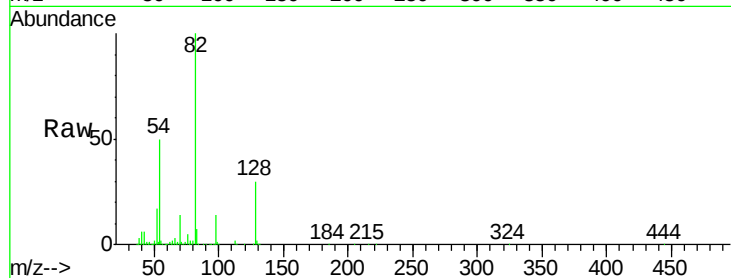




#23
 Nitrobenzene-d5
 Concen: 107.31 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

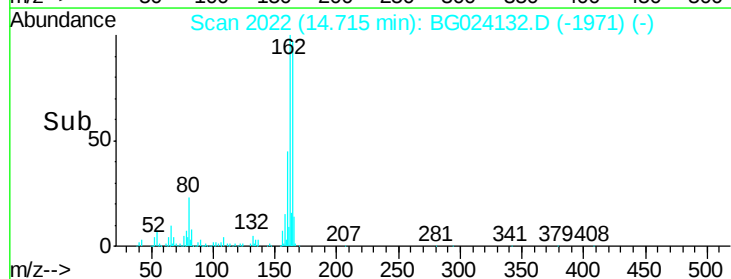
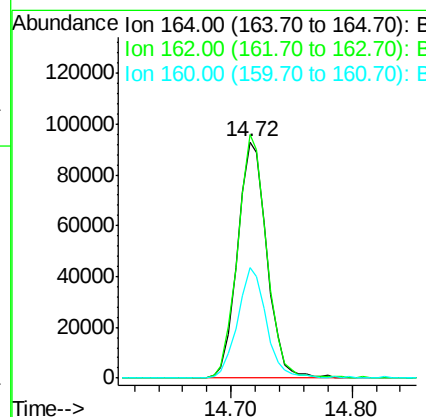
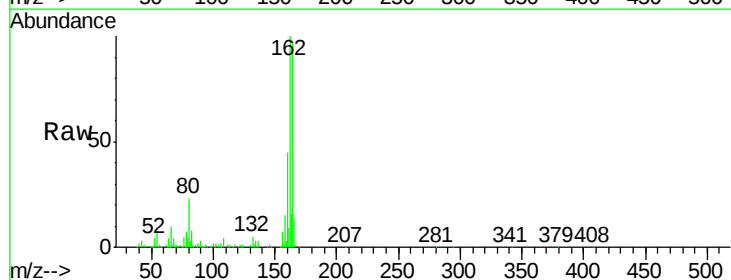
Instrument :
 BNA_G
 ClientSampleId :
 FB-092116

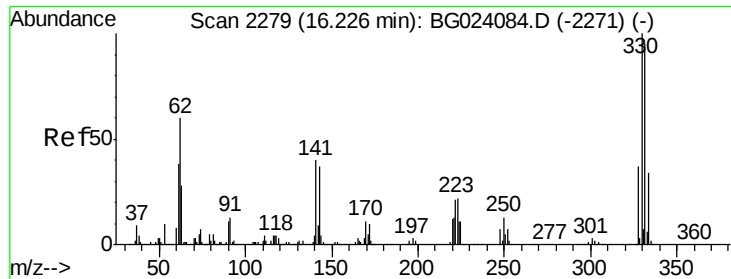
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.1	24.4	36.6
54	49.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.7	131.5
160	46.8	37.2	55.8

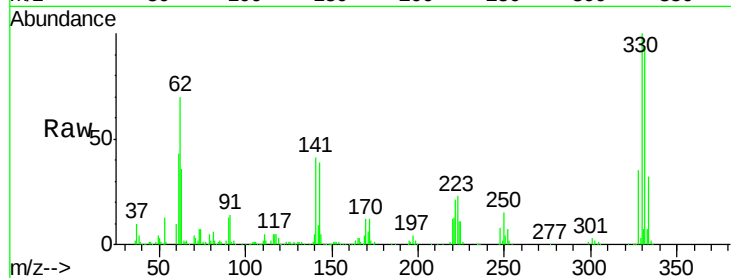




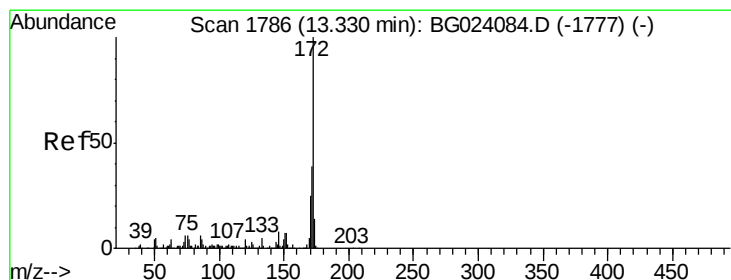
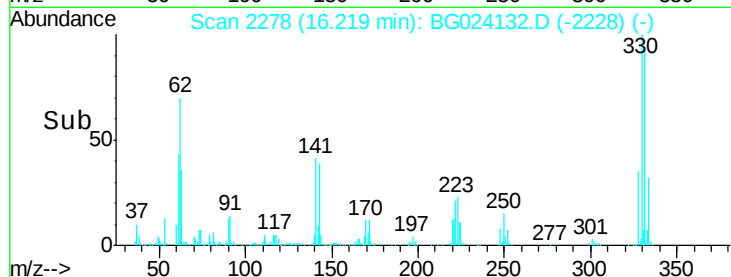
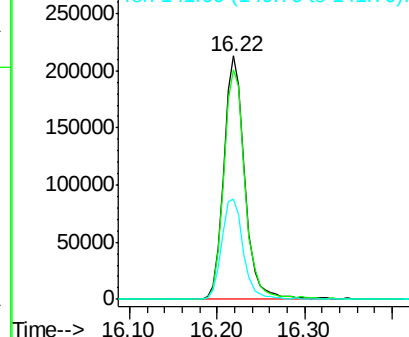
#41
 2,4,6-Tribromophenol
 Concen: 155.29 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

Instrument :
 BNA_G
 ClientSampled :
 FB-092116

Tgt Ion:330 Resp: 350779
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 42.8 31.7 47.5

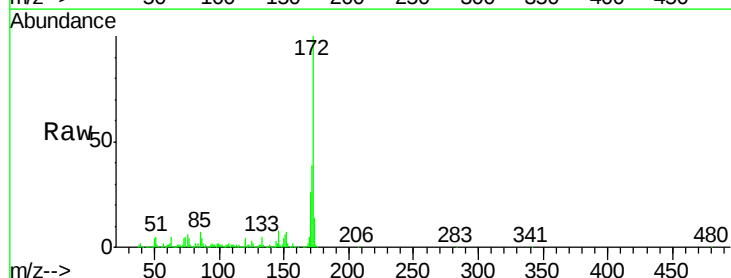


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

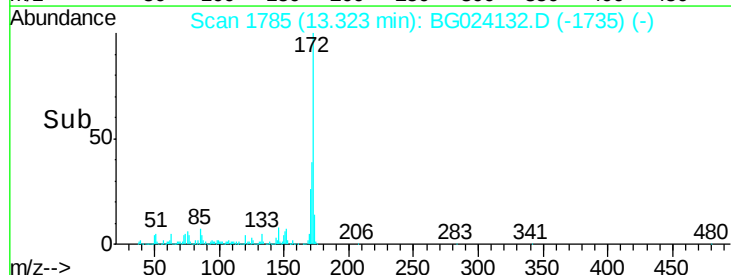
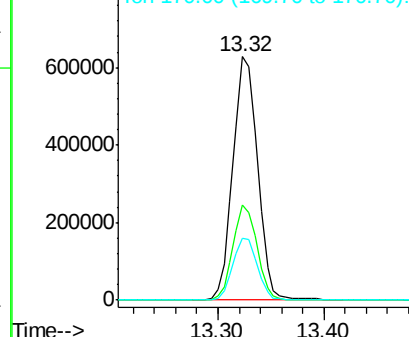


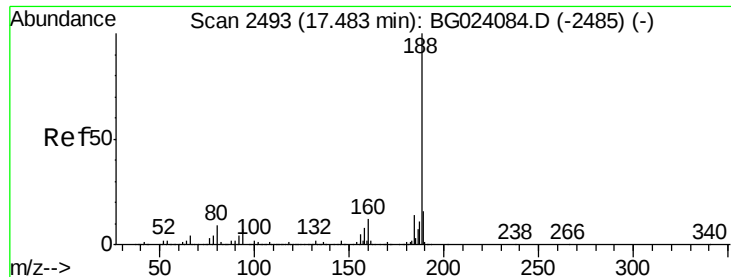
#44
 2-Fluorobiphenyl
 Concen: 108.38 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024132.D
 Acq: 24 Sep 2016 20:18

Tgt Ion:172 Resp: 1013211
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.6 47.4
 170 25.6 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: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

Instrument :

BNA_G

ClientSampleId :

FB-092116

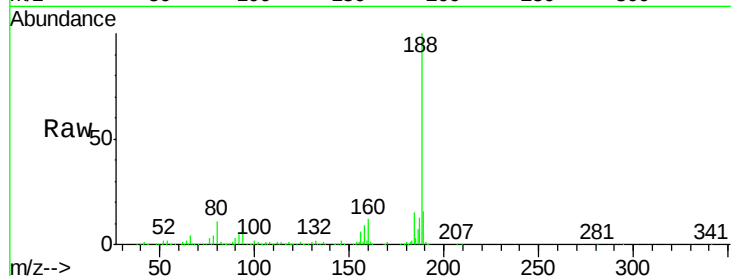
Tgt Ion:188 Resp: 369150

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

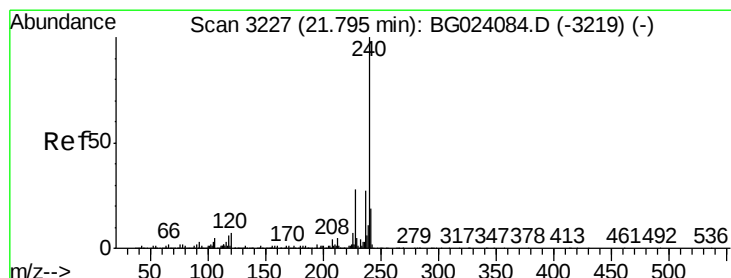
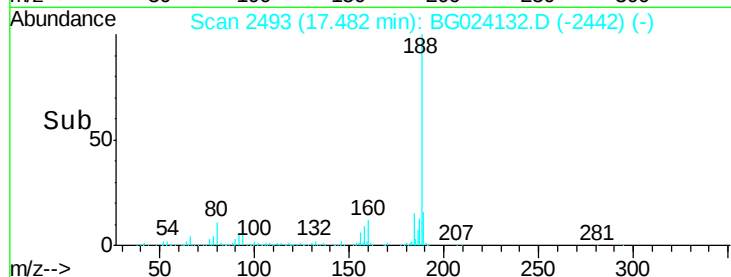
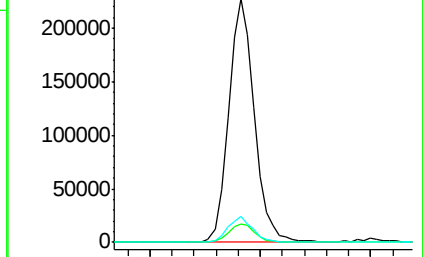
80 10.7 7.2 10.8



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: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

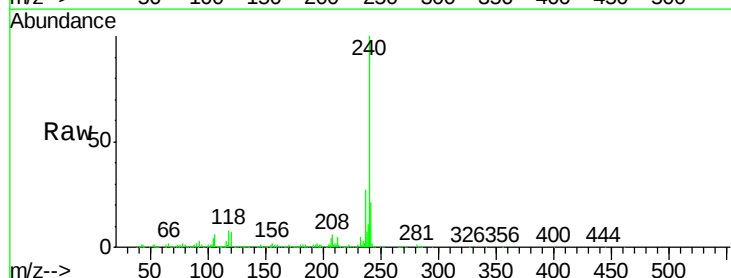
Tgt Ion:240 Resp: 418883

Ion Ratio Lower Upper

240 100

120 7.2 4.1 6.1#

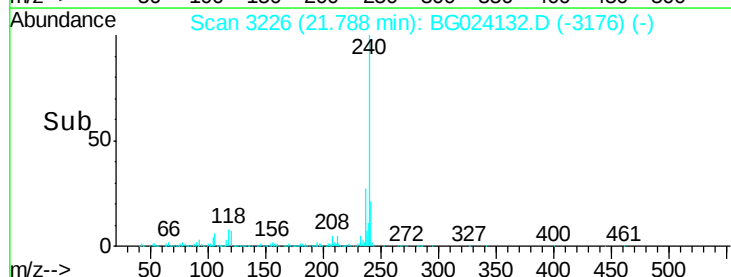
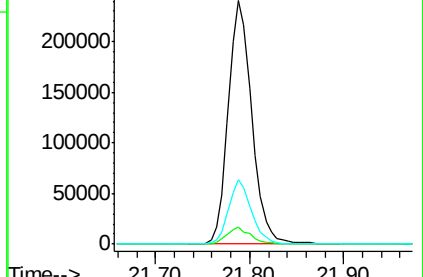
236 26.6 21.1 31.7

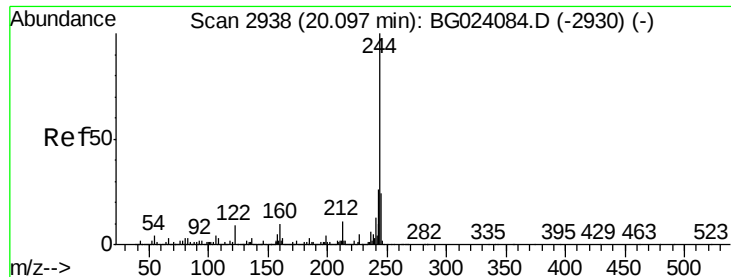


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.85 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

Instrument :

BNA_G

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FB-092116

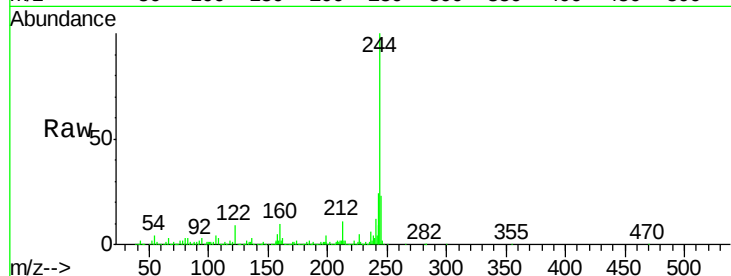
Tgt Ion:244 Resp: 1838154

Ion Ratio Lower Upper

244 100

212 10.6 10.8 16.2#

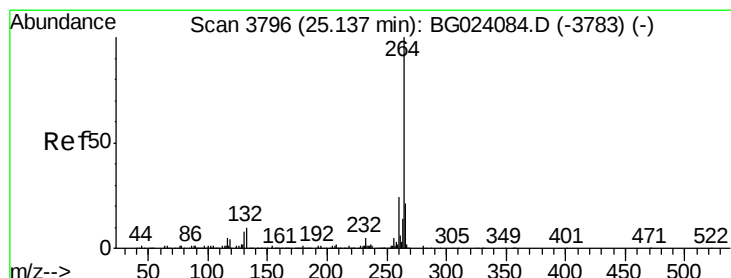
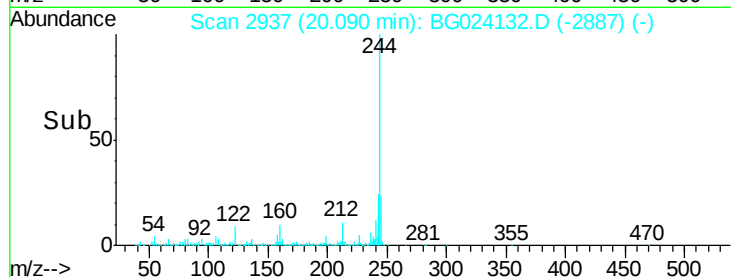
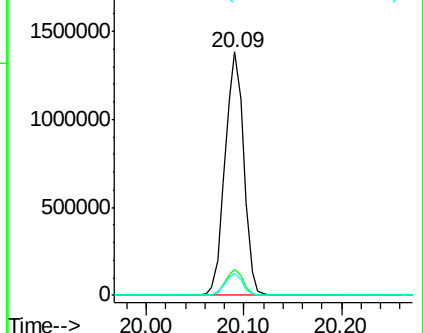
122 8.9 8.0 12.0



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: 25.13 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BG024132.D

Acq: 24 Sep 2016 20:18

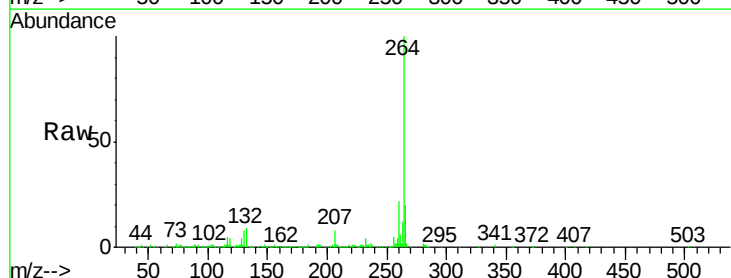
Tgt Ion:264 Resp: 400222

Ion Ratio Lower Upper

264 100

260 21.6 18.4 27.6

265 20.1 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

