

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
 Data File : BG024143.D
 Acq On : 26 Sep 2016 15:25
 Operator : UM/SJ
 Sample : H4780-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WM-184(6-10)

Quant Time: Sep 27 01:01:32 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	48536	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	213917	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	181146	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	450190	20.00	ng	0.00
75) Chrysene-d12	21.79	240	455616	20.00	ng	0.00
86) Perylene-d12	25.13	264	436891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	430290	153.59	ng	0.00
7) Phenol-d6	7.21	99	614666	130.39	ng	0.00
23) Nitrobenzene-d5	9.22	82	504886	93.02	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	354502	136.15	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1021892	94.83	ng	0.00
78) Terphenyl-d14	20.09	244	1748705	78.59	ng	0.00

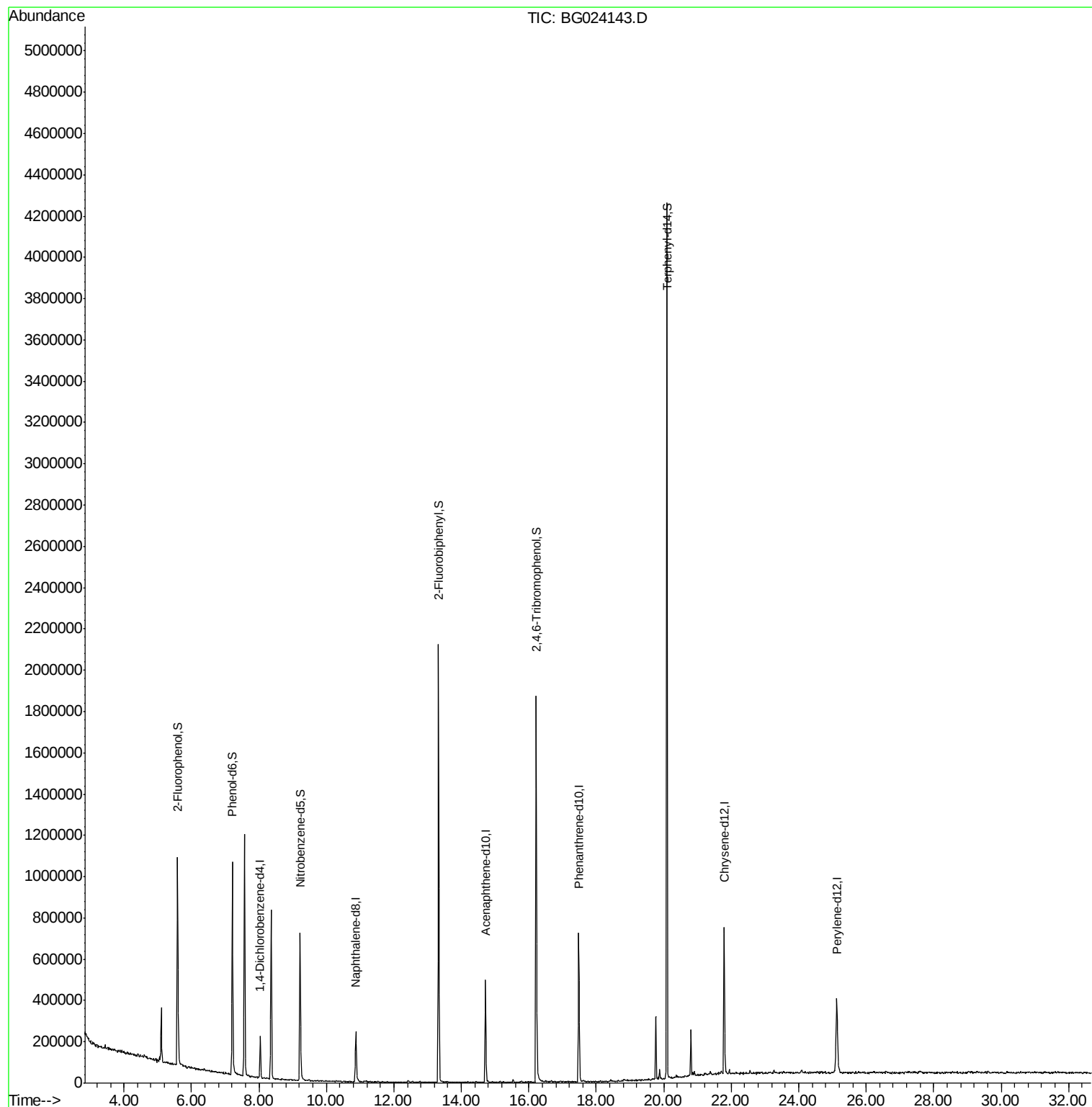
Target Compounds Qvalue

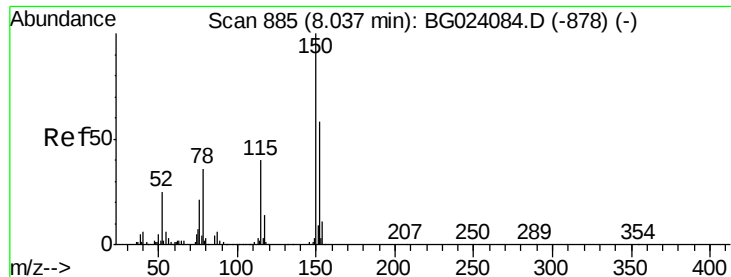
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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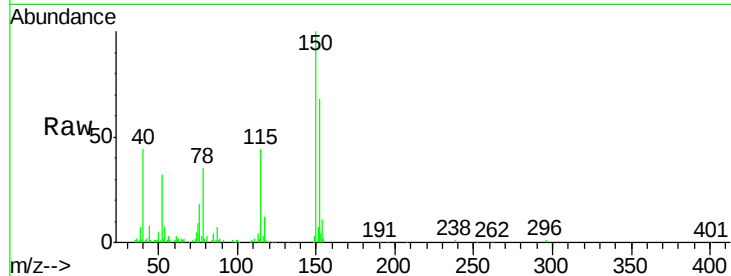


#1

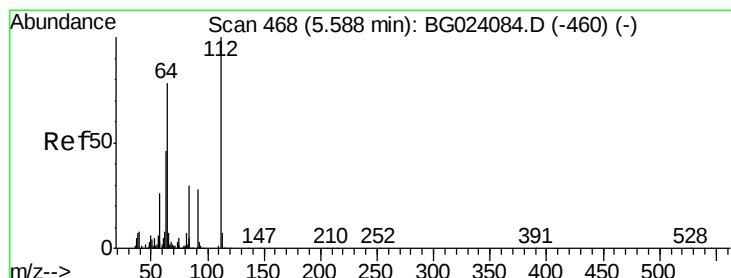
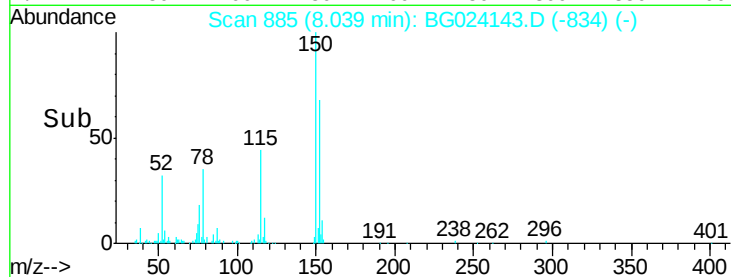
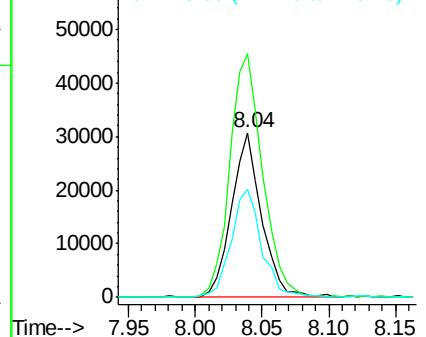
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Instrument :
BNA_G
ClientSampleId :
WM-184(6-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	144.7	217.1
115	65.4	64.0	96.0



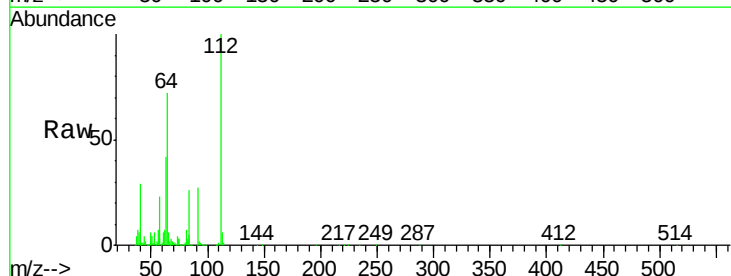
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



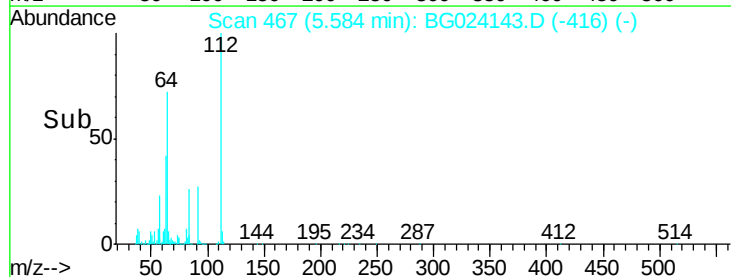
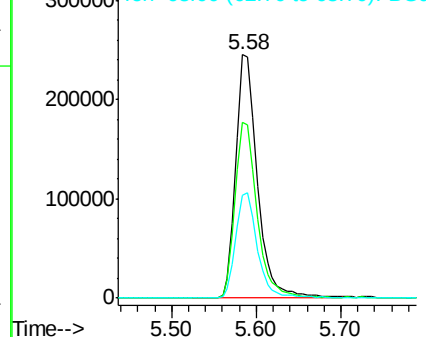
#5

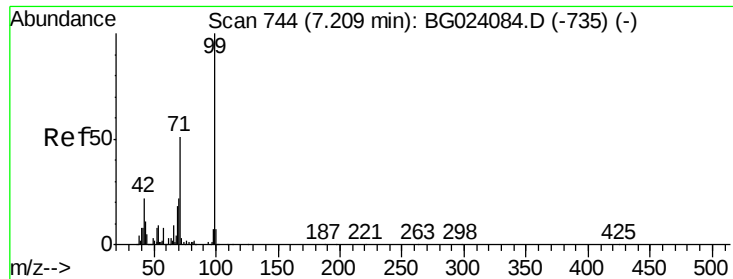
2-Fluorophenol
Concen: 153.59 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.00 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	42.3	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: 130.39 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

Instrument :

BNA_G

ClientSampleId :

WM-184(6-10)

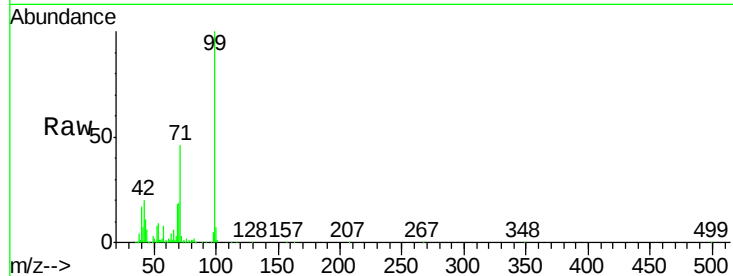
Tot Ion: 99 Resp: 614666

Ion Ratio Lower Upper

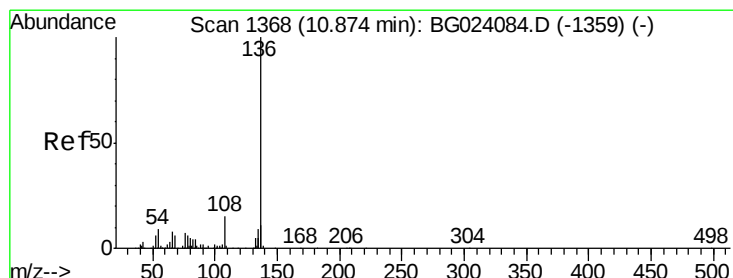
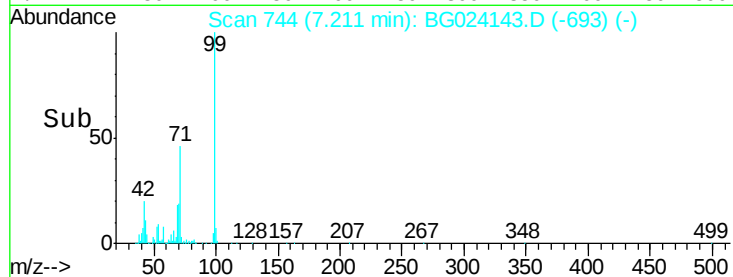
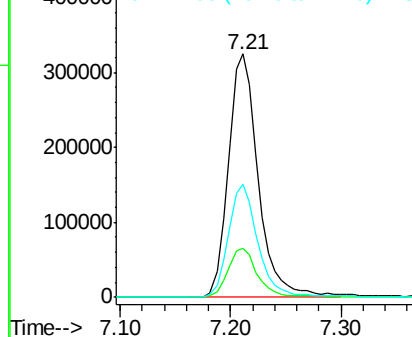
99 100

42 20.3 17.8 26.6

71 46.3 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: 10.88 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

Tgt Ion: 136 Resp: 213917

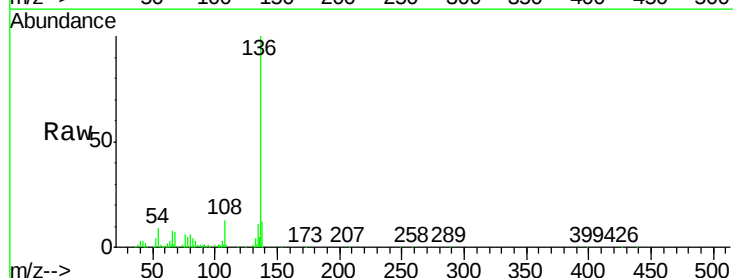
Ion Ratio Lower Upper

136 100

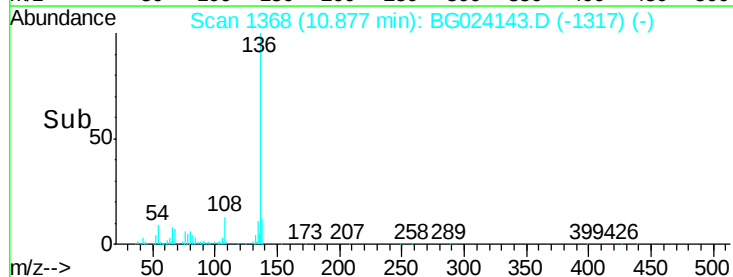
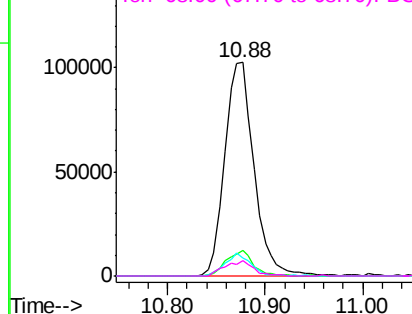
137 11.8 9.6 14.4

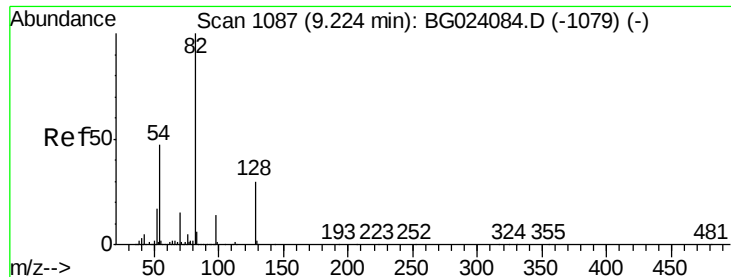
54 8.6 7.3 10.9

68 6.9 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

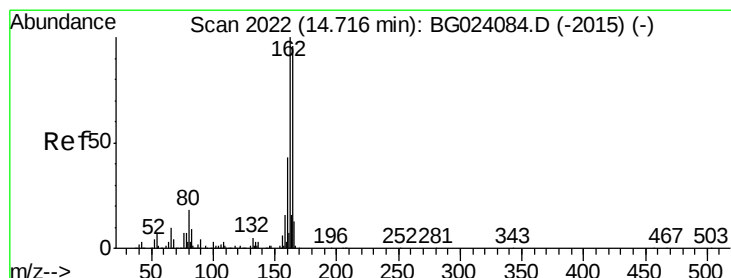
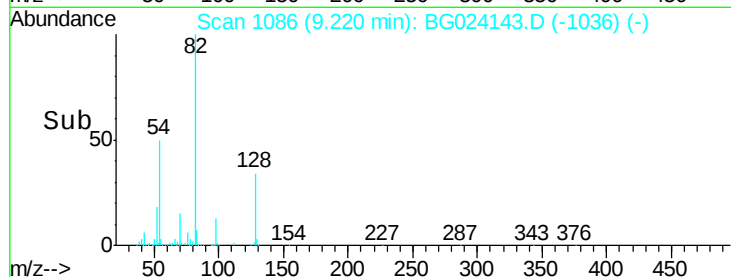
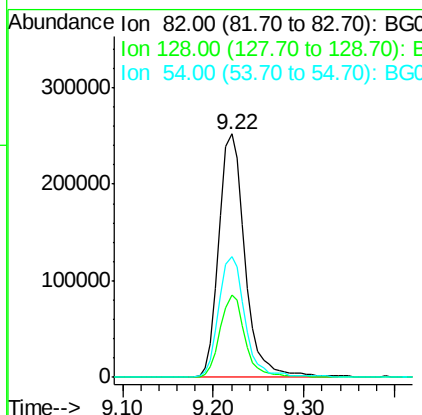
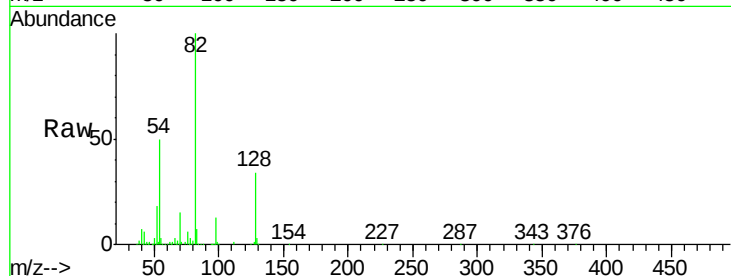




#23
 Nitrobenzene-d5
 Concen: 93.02 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

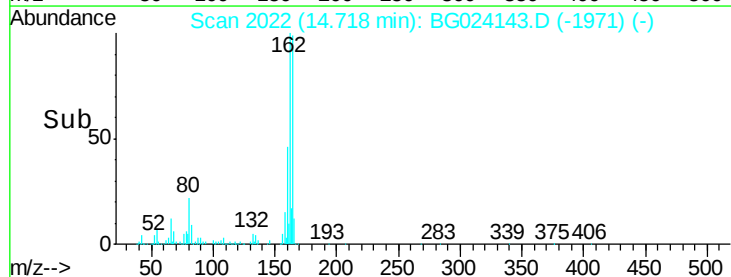
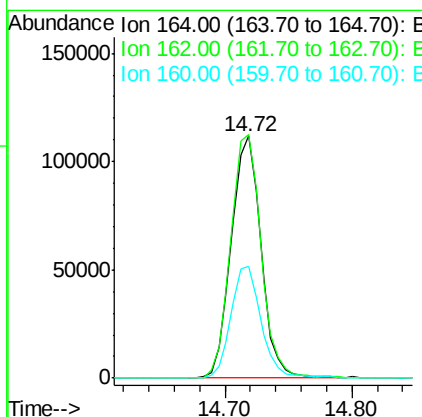
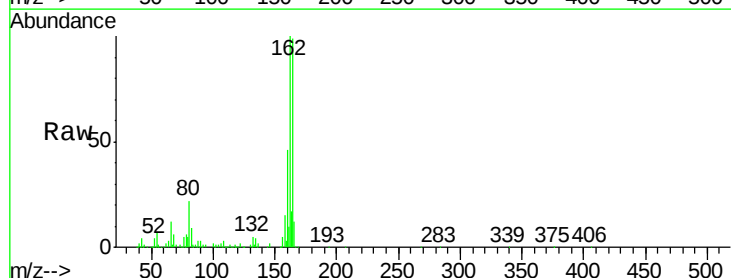
Instrument :
 BNA_G
 ClientSampleId :
 WM-184(6-10)

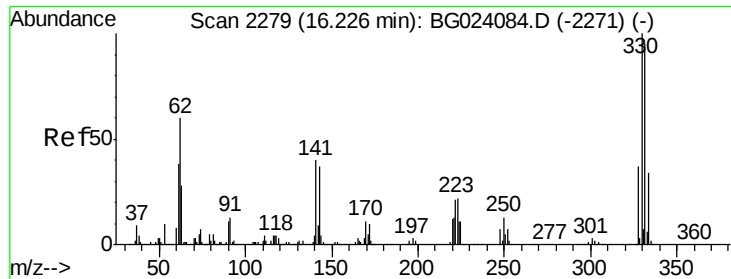
Tot Ion	82	Resp	504886
Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.4	36.6
54	49.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

Tgt Ion	164	Resp	181146
Ion	Ratio	Lower	Upper
164	100		
162	100.6	87.7	131.5
160	46.0	37.2	55.8

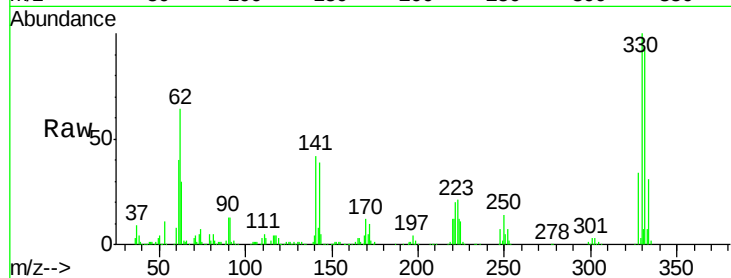




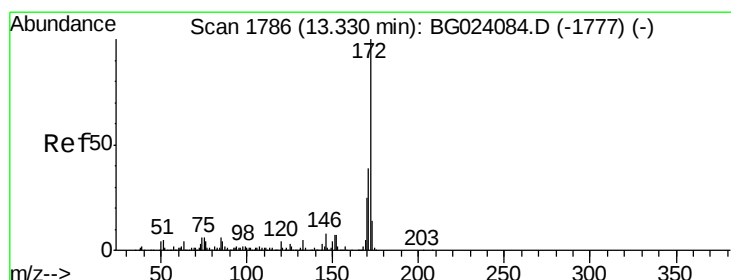
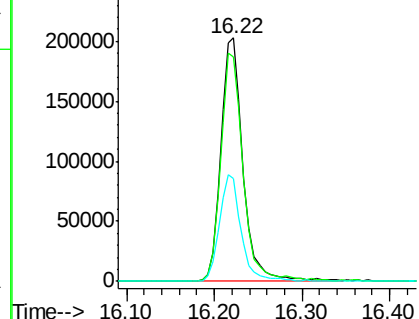
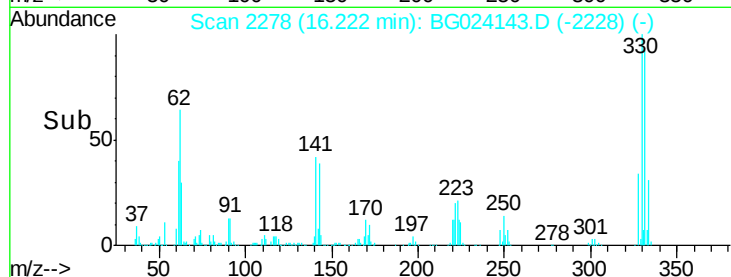
#41
 2,4,6-Tribromophenol
 Concen: 136.15 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

Instrument :
 BNA_G
 ClientSampleId :
 WM-184(6-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	42.8	31.7	47.5

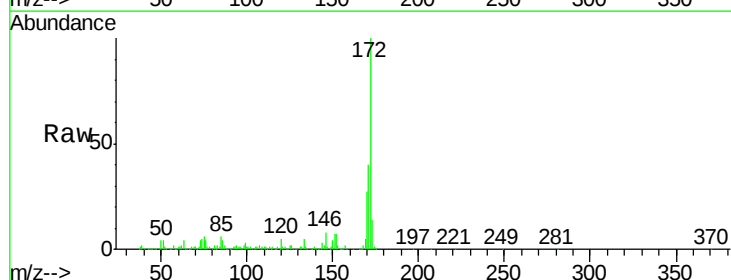


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

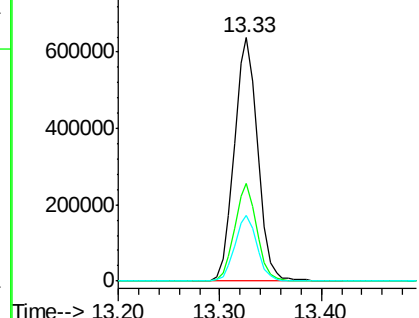
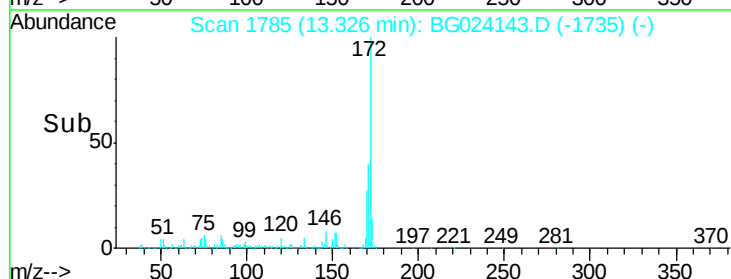


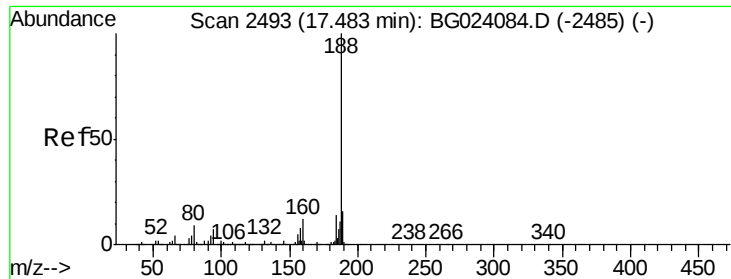
#44
 2-Fluorobiphenyl
 Concen: 94.83 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.6	47.4
170	27.0	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

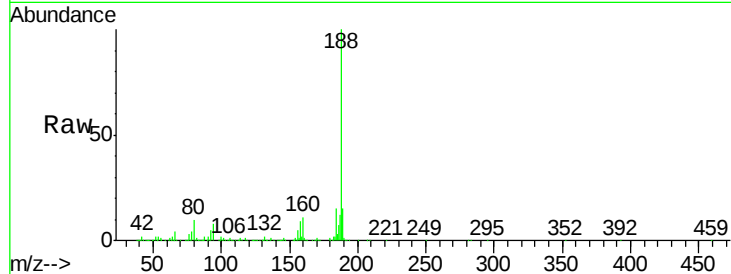




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Instrument :
BNA_G
ClientSampleId :
WM-184(6-10)

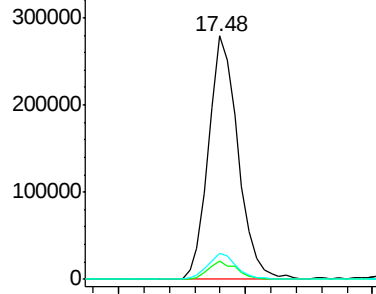
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.2	7.8
80	10.5	7.2	10.8



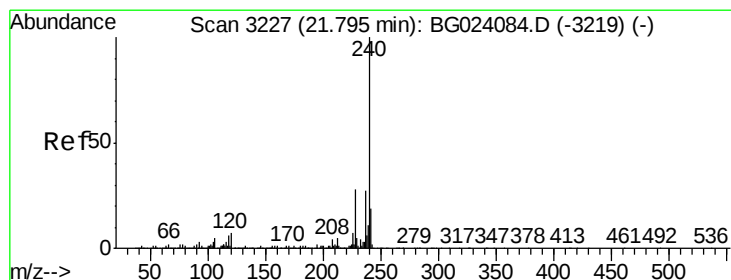
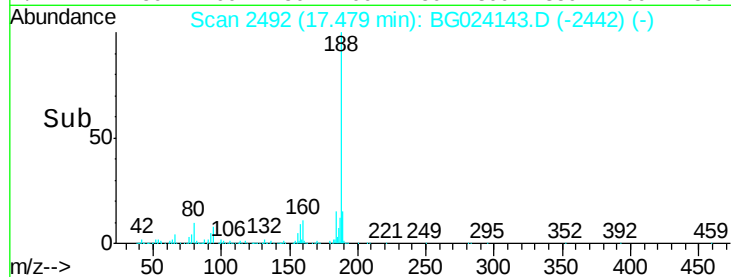
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

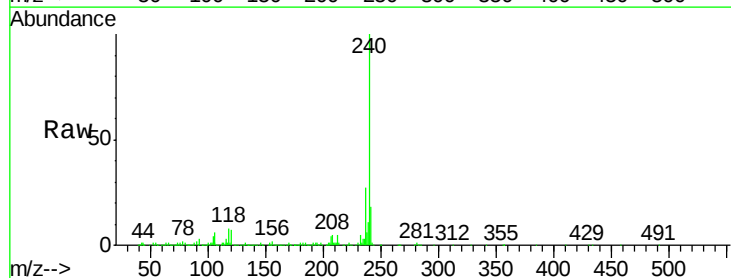


Time-->



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

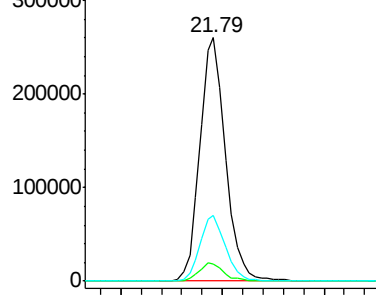
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.1	6.1#
236	27.2	21.1	31.7



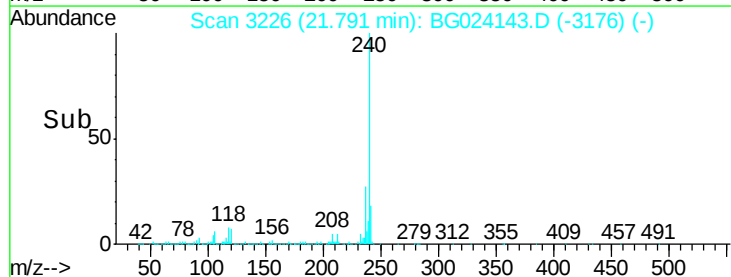
Abundance Ion 240.00 (239.70 to 240.70): E

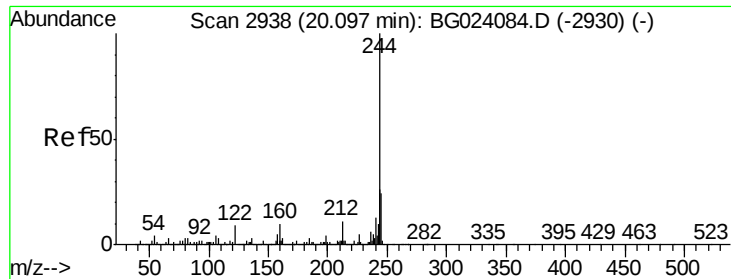
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 78.59 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

Instrument :

BNA_G

ClientSampleId :

WM-184(6-10)

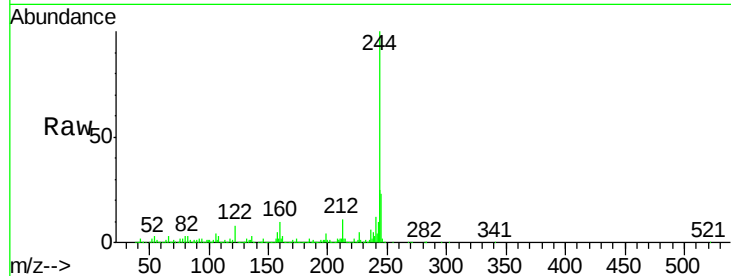
Tot Ion:244 Resp: 1748705

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

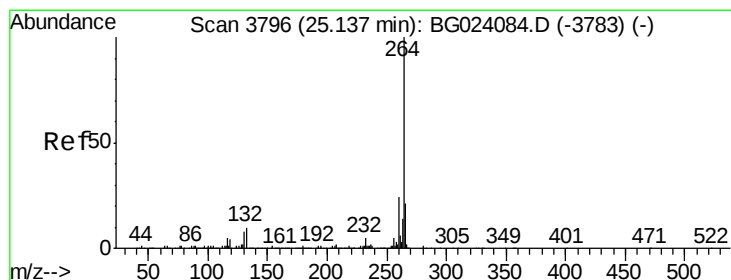
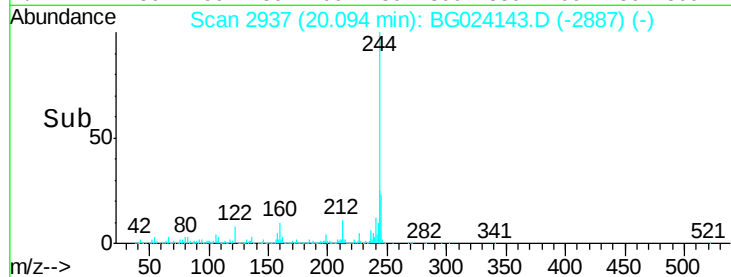
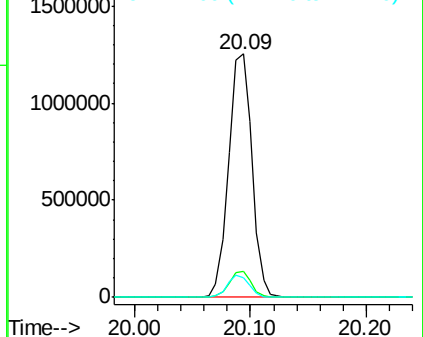
122 8.2 8.0 12.0



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# 3794

Delta R.T. -0.01 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

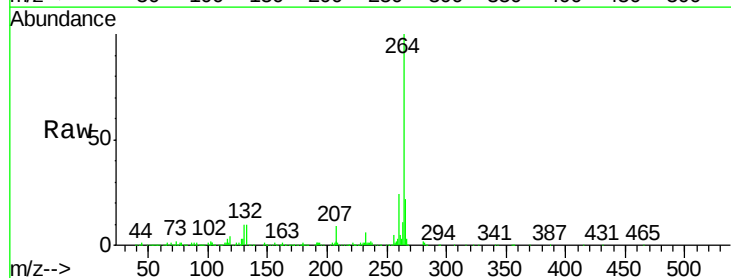
Tgt Ion:264 Resp: 436891

Ion Ratio Lower Upper

264 100

260 24.1 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

