

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024160.D
 Acq On : 30 Sep 2016 15:32
 Operator : UM/SJ
 Sample : H4998-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B045-9-10

Quant Time: Sep 30 17:32:40 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

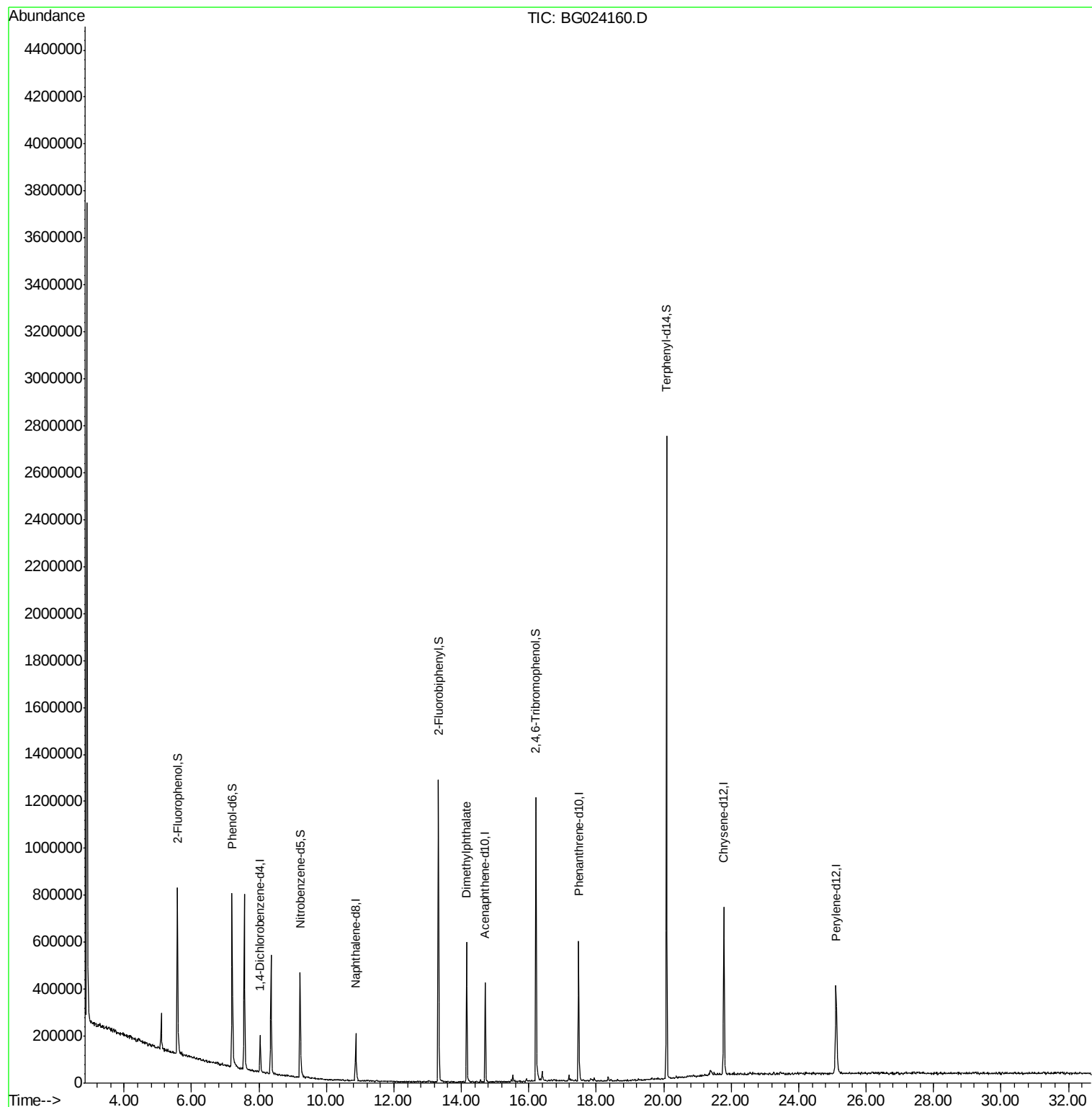
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42618	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	185445	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	157058	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	384586	20.00	ng	0.00
75) Chrysene-d12	21.78	240	461101	20.00	ng	-0.01
86) Perylene-d12	25.11	264	433631	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	298034	121.15	ng	0.00
7) Phenol-d6	7.20	99	445603	107.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	324994	69.07	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	213262	94.47	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	629223	67.34	ng	-0.01
78) Terphenyl-d14	20.08	244	1122376	49.84	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.15	163	396865	32.94	ng	# 98

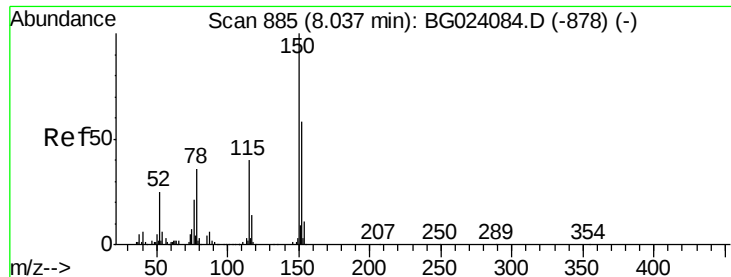
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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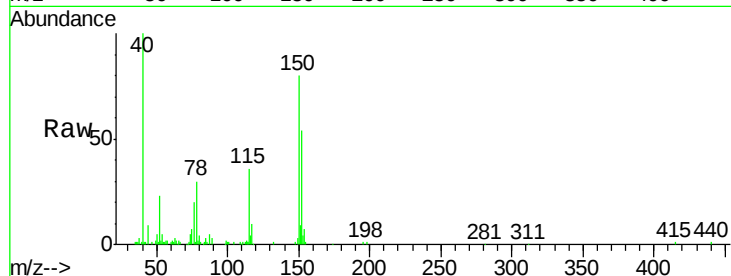


#1

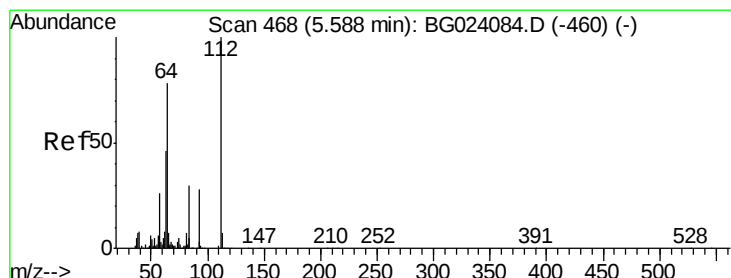
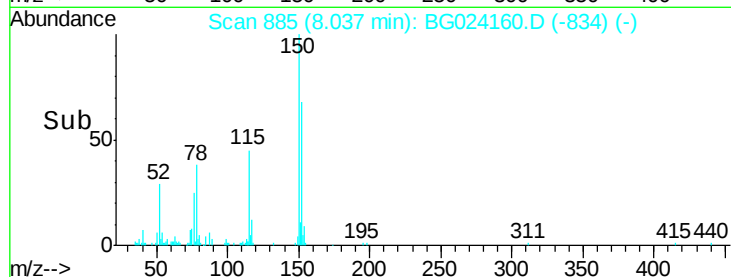
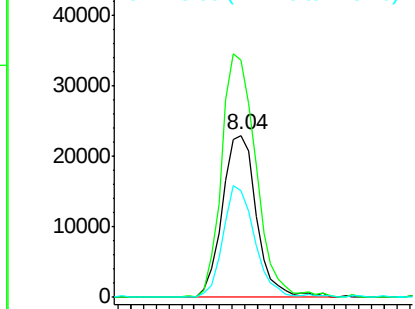
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG024160.D
Acq: 30 Sep 2016 15:32

Instrument :
BNA_G
ClientSampleId :
SUP-B045-9-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	144.7	217.1
115	65.8	64.0	96.0



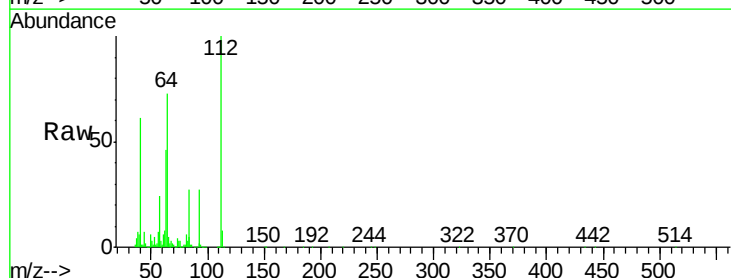
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



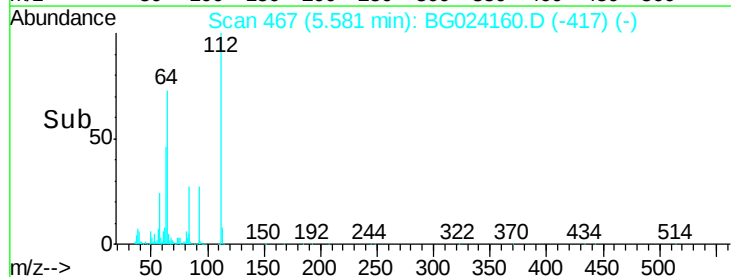
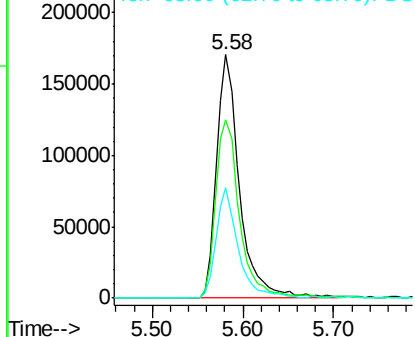
#5

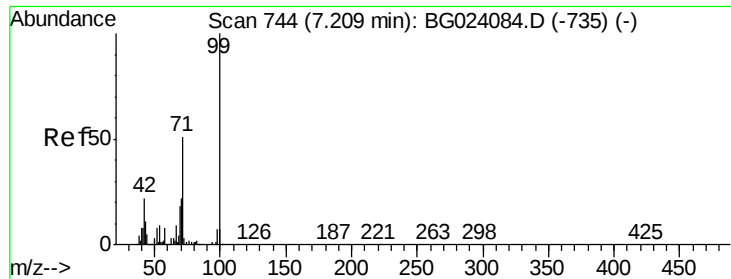
2-Fluorophenol
Concen: 121.15 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.01 min
Lab File: BG024160.D
Acq: 30 Sep 2016 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	59.0	88.4
63	45.6	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: 107.65 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024160.D

Acq: 30 Sep 2016 15:32

Instrument :

BNA_G

ClientSampleId :

SUP-B045-9-10

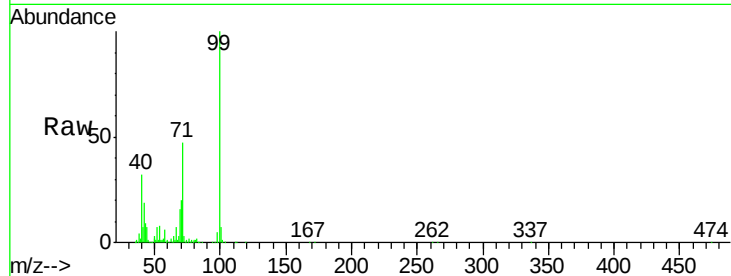
Tot Ion: 99 Resp: 445603

Ion Ratio Lower Upper

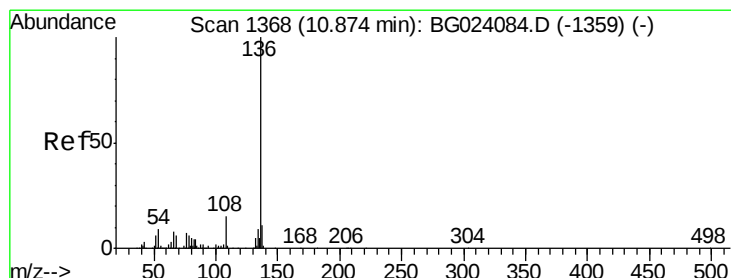
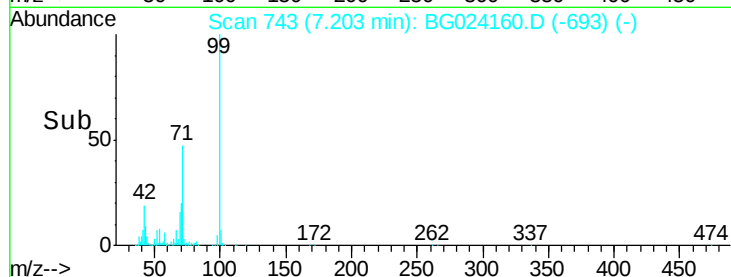
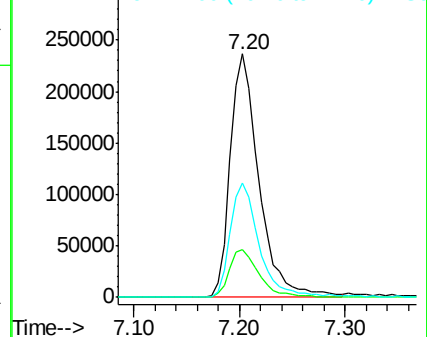
99 100

42 19.5 17.8 26.6

71 46.8 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: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024160.D

Acq: 30 Sep 2016 15:32

Tgt Ion: 136 Resp: 185445

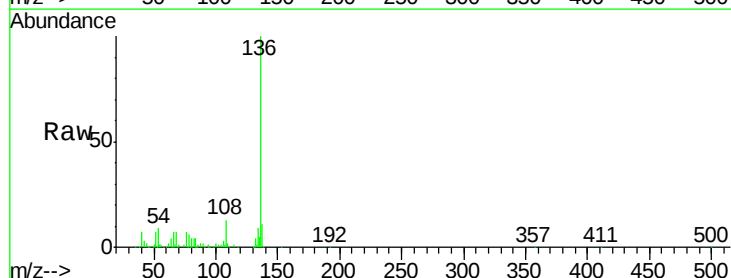
Ion Ratio Lower Upper

136 100

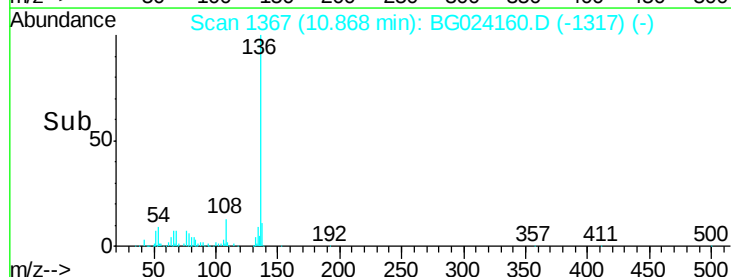
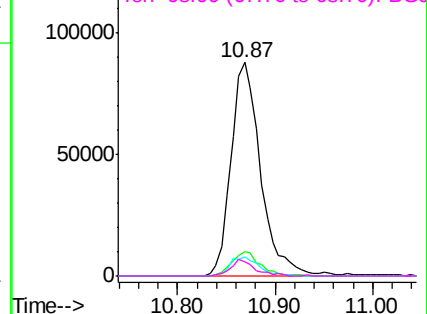
137 11.5 9.6 14.4

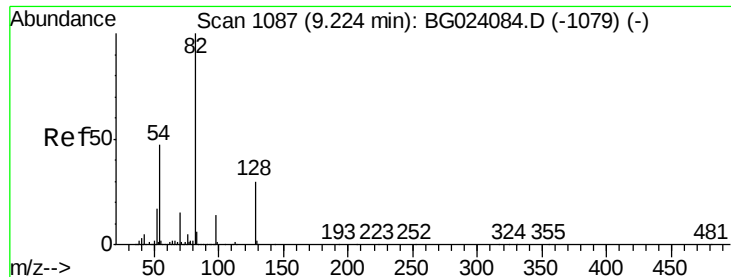
54 9.3 7.3 10.9

68 6.8 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

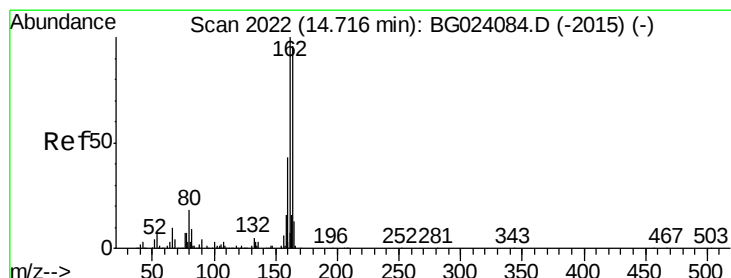
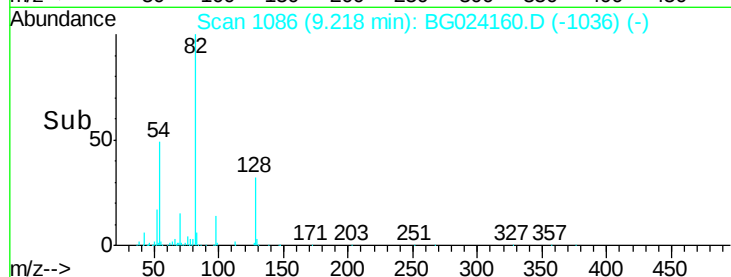
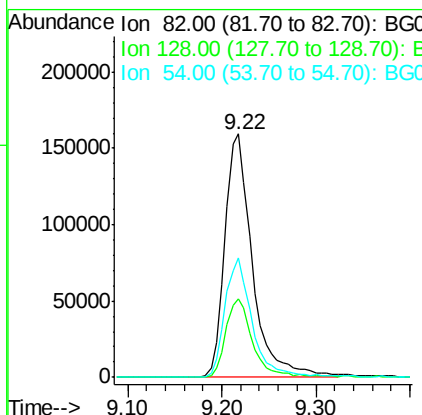
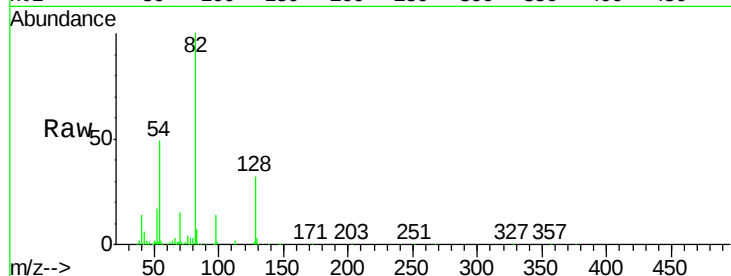




#23
Nitrobenzene-d5
Concen: 69.07 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG024160.D
Acq: 30 Sep 2016 15:32

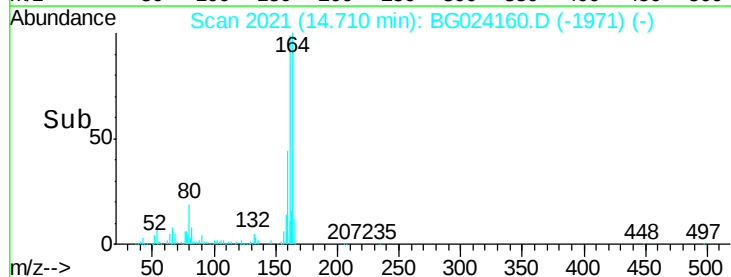
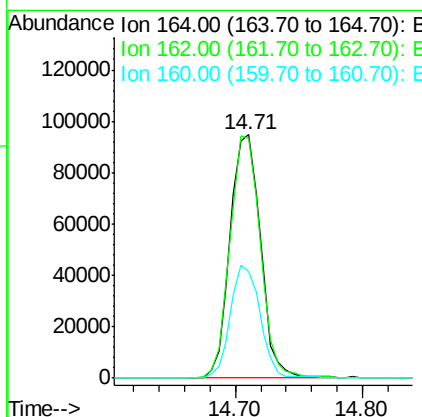
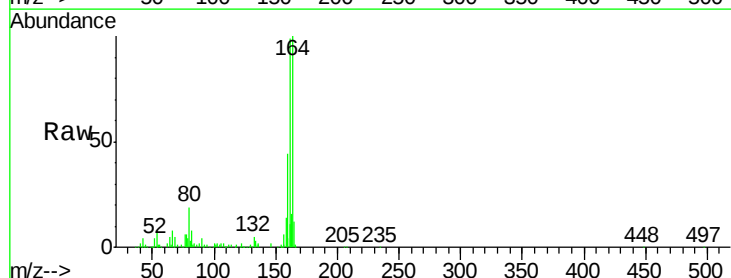
Instrument :
BNA_G
ClientSampleId :
SUP-B045-9-10

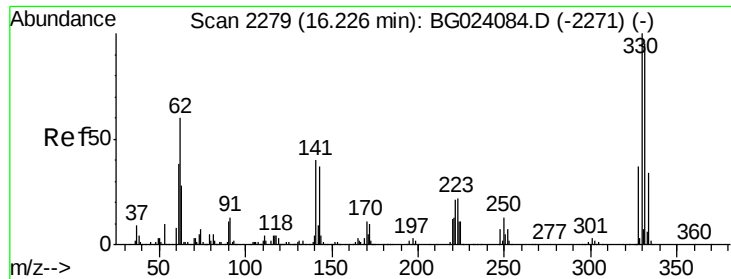
Tot Ion	82	Resp	324994
Ion Ratio	Lower	Upper	
82	100		
128	32.2	24.4	36.6
54	49.0	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG024160.D
Acq: 30 Sep 2016 15:32

Tgt Ion	164	Resp	157058
Ion Ratio	Lower	Upper	
164	100		
162	98.7	87.7	131.5
160	43.7	37.2	55.8

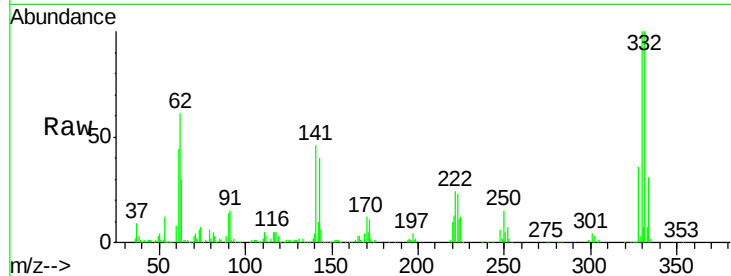




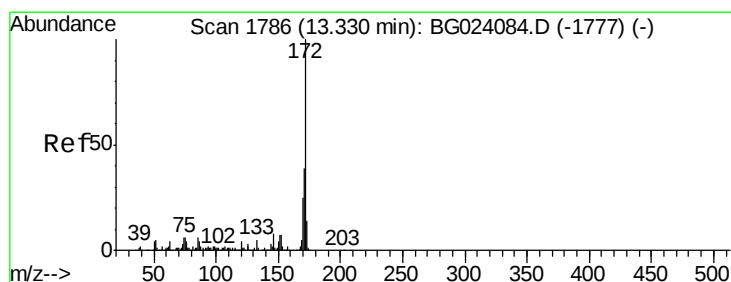
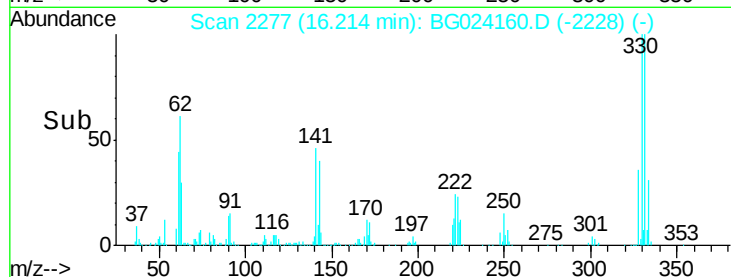
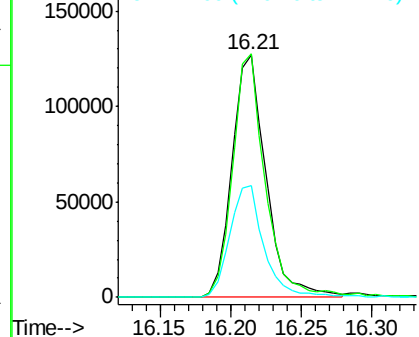
#41
 2,4,6-Tribromophenol
 Concen: 94.47 ng
 RT: 16.21 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024160.D
 Acq: 30 Sep 2016 15:32

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B045-9-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	46.0	31.7	47.5

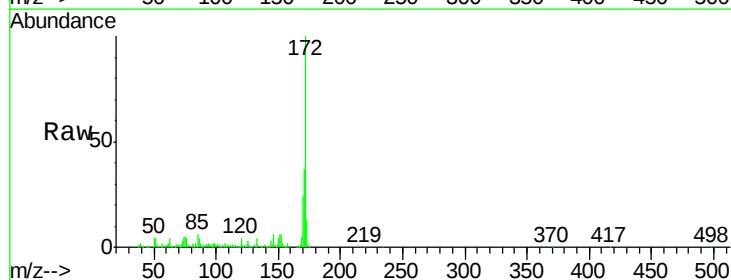


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

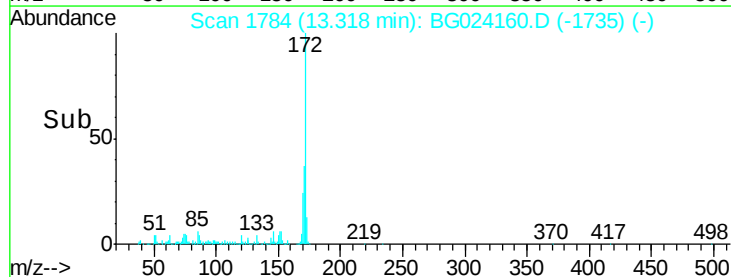
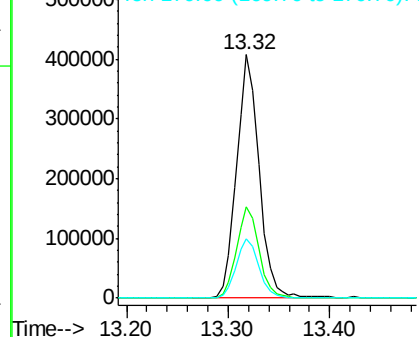


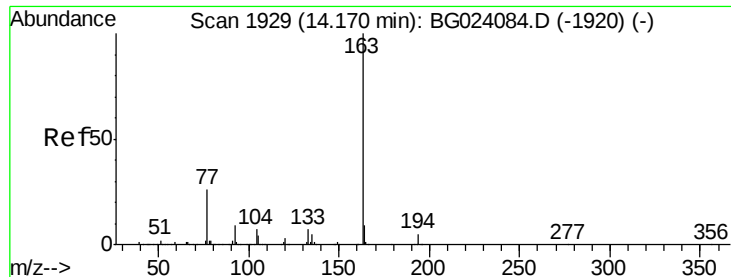
#44
 2-Fluorobiphenyl
 Concen: 67.34 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024160.D
 Acq: 30 Sep 2016 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	24.4	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

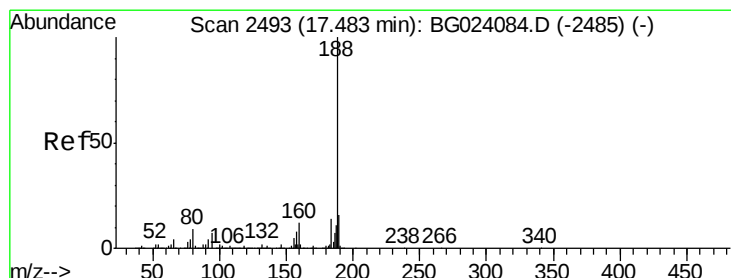
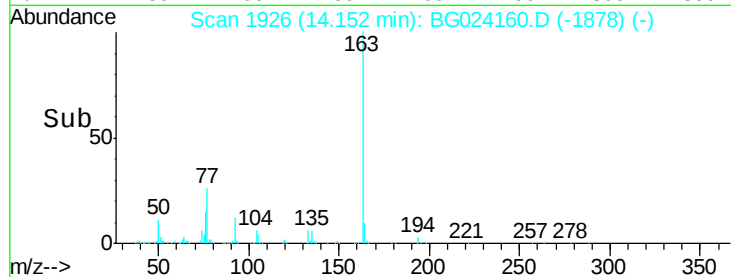
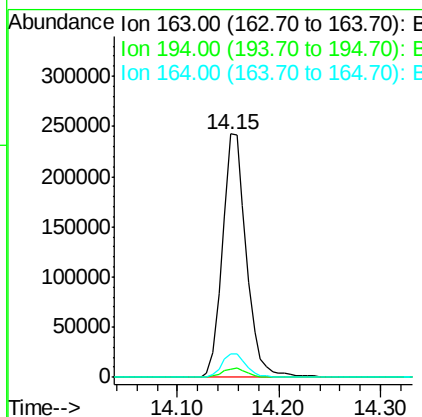
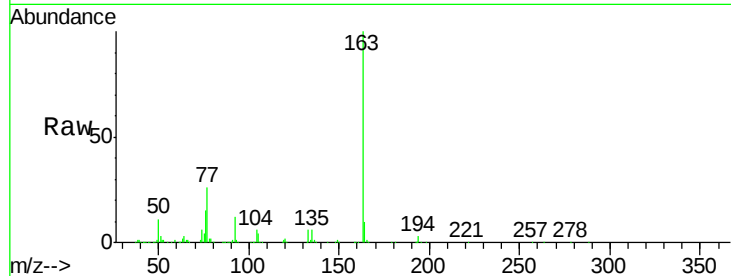




#49
Dimethylphthalate
Concen: 32.94 ng
RT: 14.15 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG024160.D
Acq: 30 Sep 2016 15:32

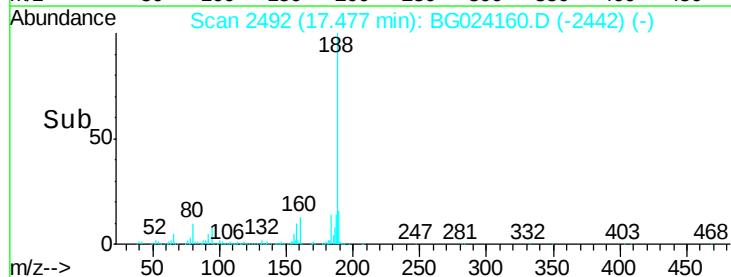
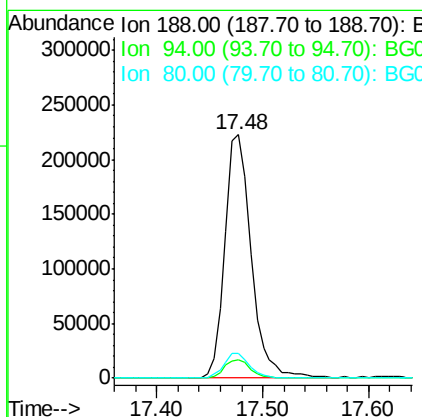
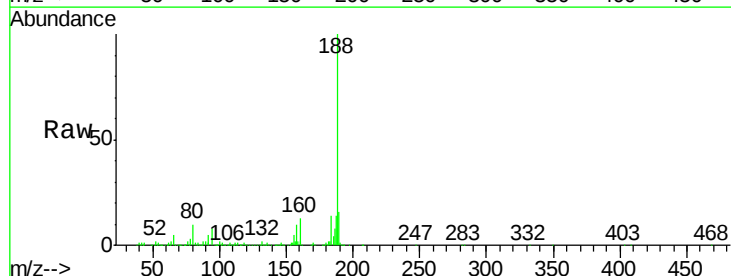
Instrument :
BNA_G
ClientSampleId :
SUP-B045-9-10

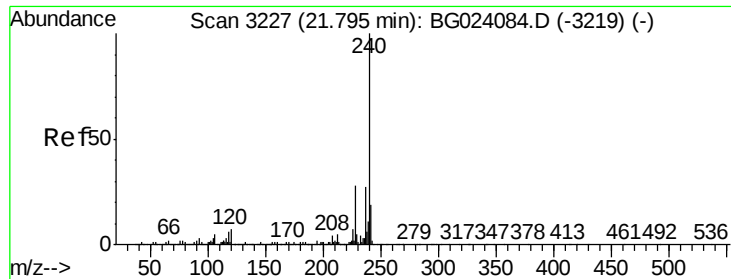
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.6	5.4#
164	9.7	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG024160.D
Acq: 30 Sep 2016 15:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.2	7.8
80	10.0	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG024160.D

Acq: 30 Sep 2016 15:32

Instrument :

BNA_G

ClientSampleId :

SUP-B045-9-10

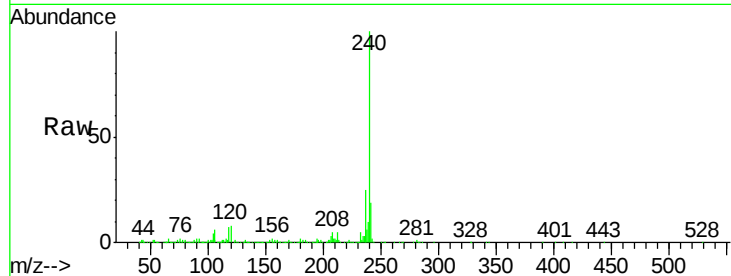
Tot Ion:240 Resp: 461101

Ion Ratio Lower Upper

240 100

120 7.9 4.1 6.1#

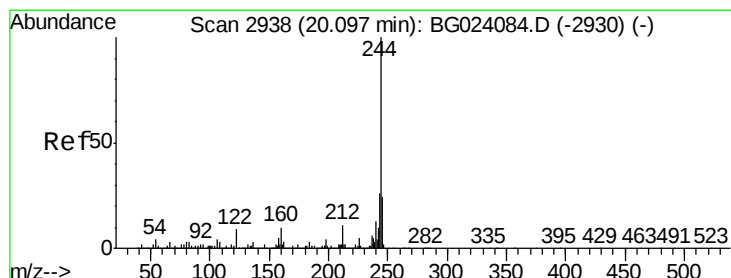
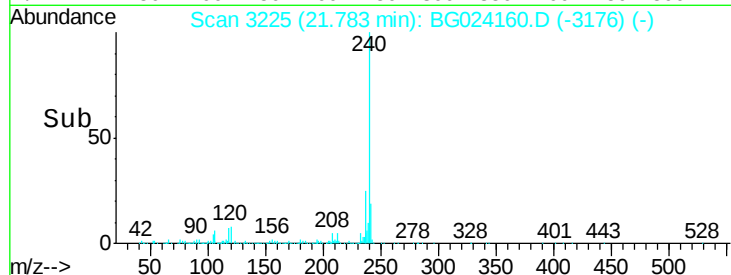
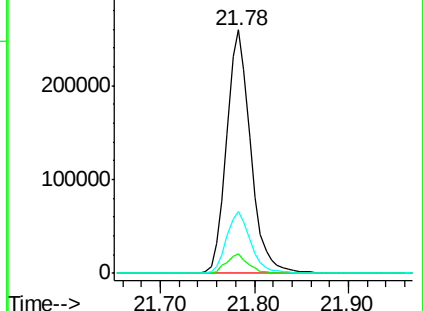
236 25.3 21.1 31.7



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: 49.84 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024160.D

Acq: 30 Sep 2016 15:32

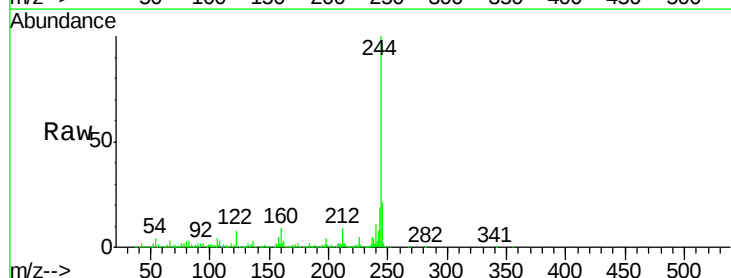
Tgt Ion:244 Resp: 1122376

Ion Ratio Lower Upper

244 100

212 9.1 10.8 16.2#

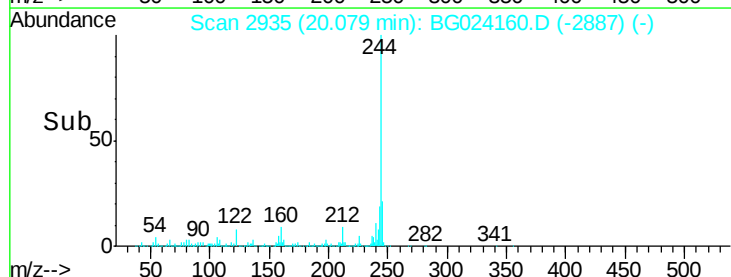
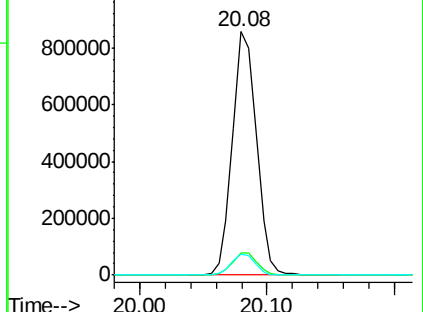
122 8.4 8.0 12.0

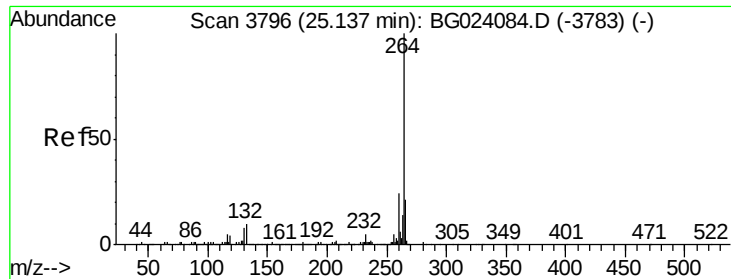


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

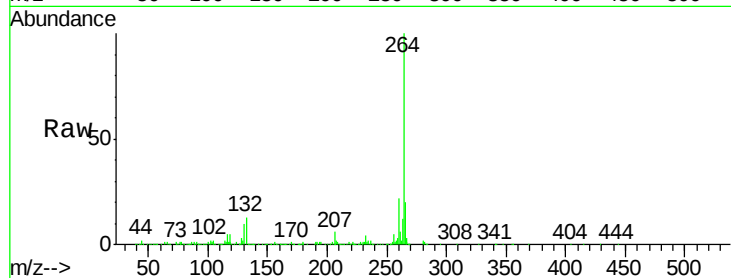




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.03 min
Lab File: BG024160.D
Acq: 30 Sep 2016 15:32

Instrument :
BNA_G
ClientSampleId :
SUP-B045-9-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	19.5	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

