

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024704.D
 Acq On : 5 Nov 2016 9:30
 Operator : UM/SJ
 Sample : H5511-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-A9-A10-A9A-A10A

Quant Time: Nov 06 23:45:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

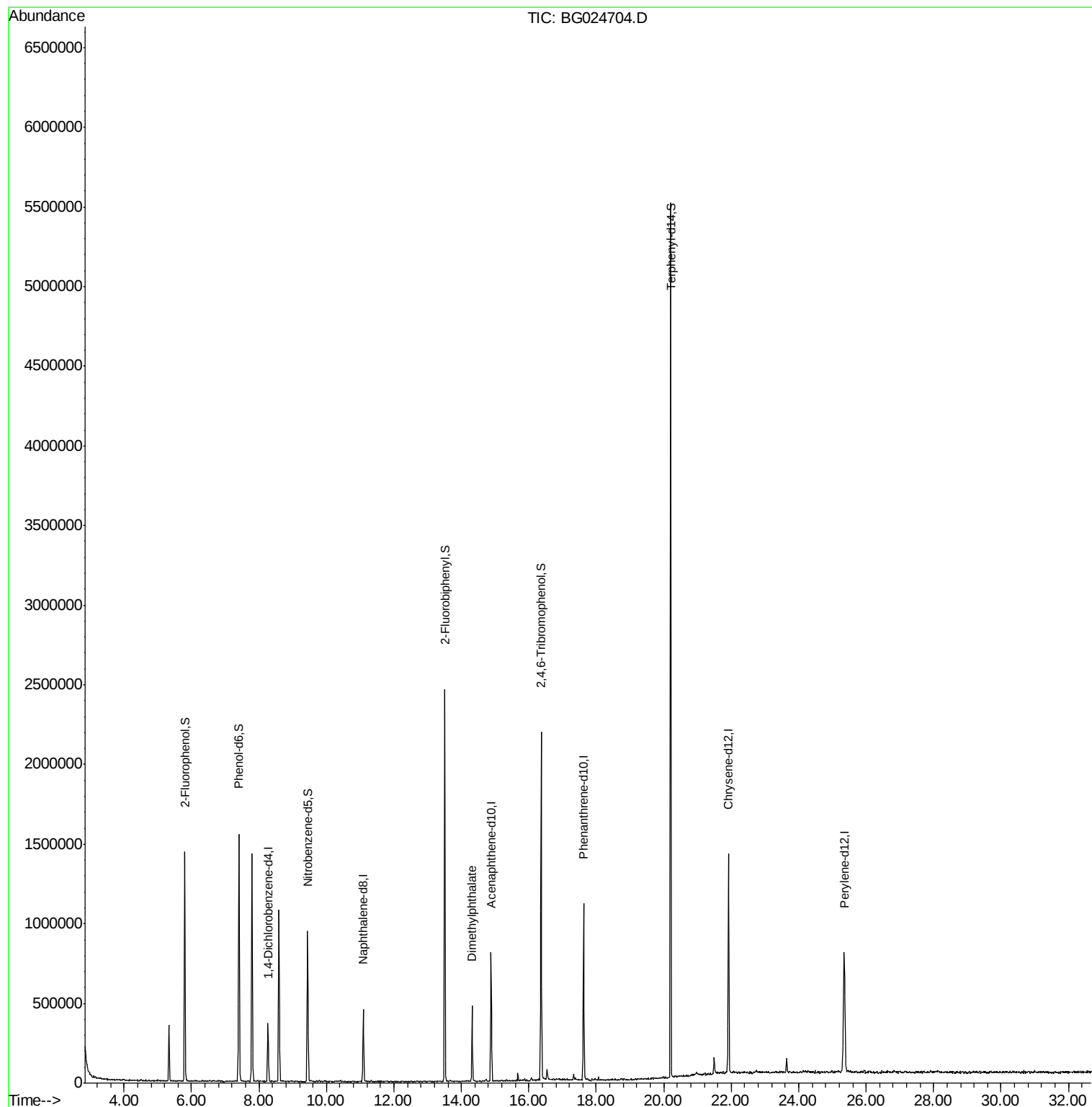
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	98328	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	389151	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	302304	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	711456	20.00	ng	0.00
75) Chrysene-d12	21.91	240	984447	20.00	ng	-0.02
86) Perylene-d12	25.35	264	984195	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	571176	95.21	ng	0.00
7) Phenol-d6	7.40	99	848904	103.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	589954	69.02	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	443062	98.10	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1262383	69.41	ng	0.00
78) Terphenyl-d14	20.20	244	2311963	70.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	297774	13.87	ng	# 95

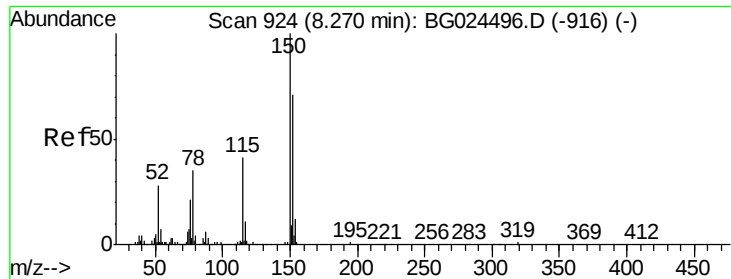
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024704.D

Acq: 5 Nov 2016 9:30

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-A9-A10-A9A-A10A

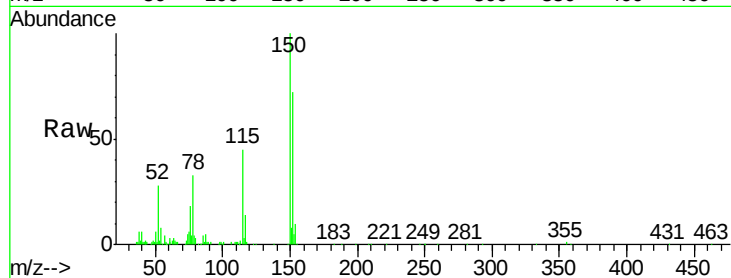
Tot Ion:152 Resp: 98328

Ion Ratio Lower Upper

152 100

150 139.6 114.0 171.0

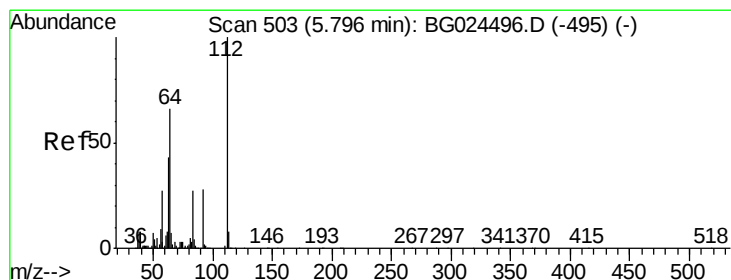
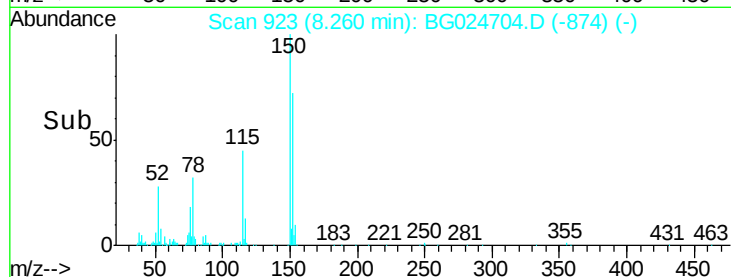
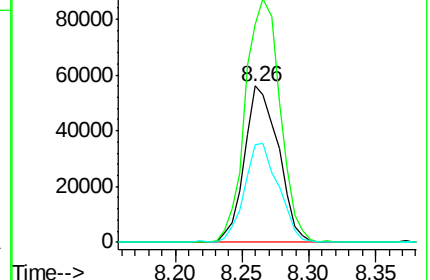
115 62.6 48.1 72.1



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: 95.21 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024704.D

Acq: 5 Nov 2016 9:30

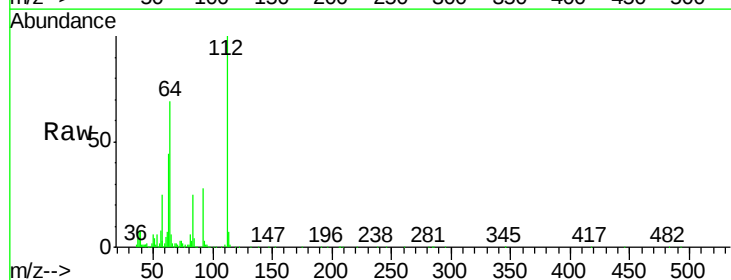
Tgt Ion:112 Resp: 571176

Ion Ratio Lower Upper

112 100

64 68.7 61.8 92.6

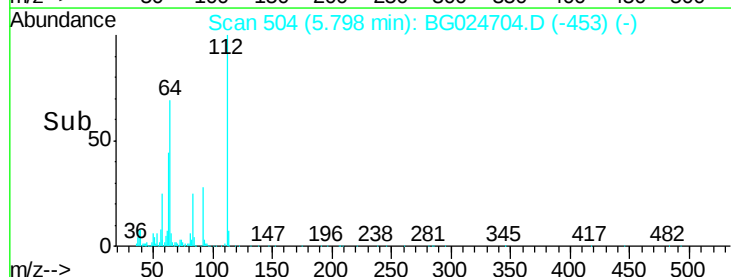
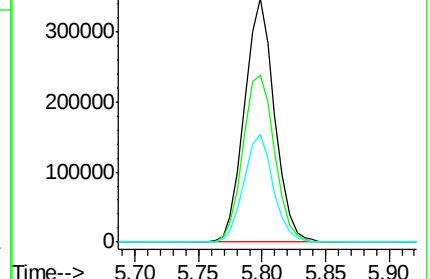
63 44.1 37.2 55.8



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: 103.16 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024704.D

Acq: 5 Nov 2016 9:30

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-A9-A10-A9A-A10A

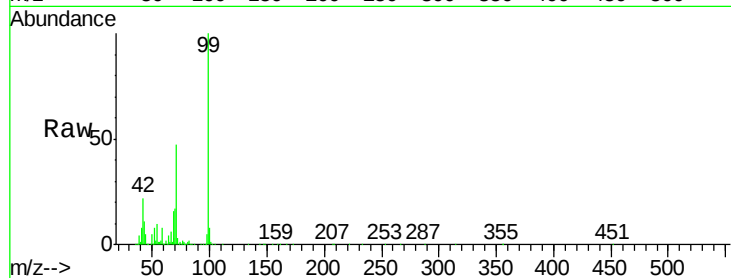
Tot Ion: 99 Resp: 848904

Ion Ratio Lower Upper

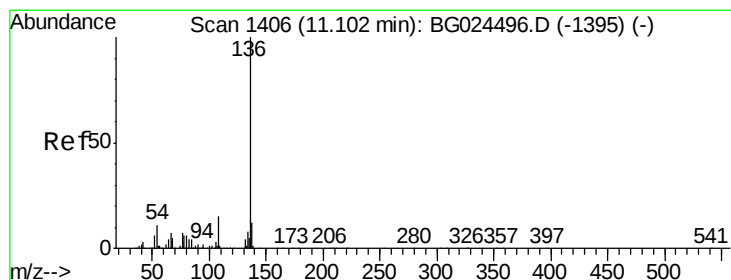
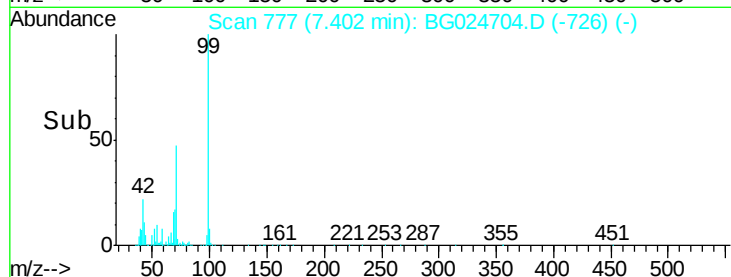
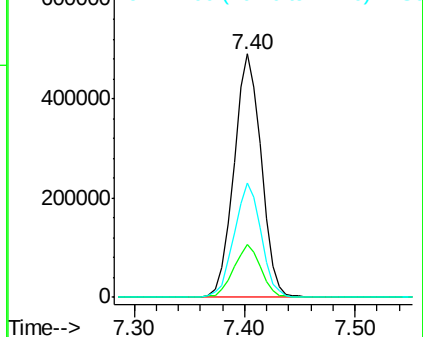
99 100

42 21.7 20.5 30.7

71 46.8 37.6 56.4



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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024704.D

Acq: 5 Nov 2016 9:30

Tgt Ion: 136 Resp: 389151

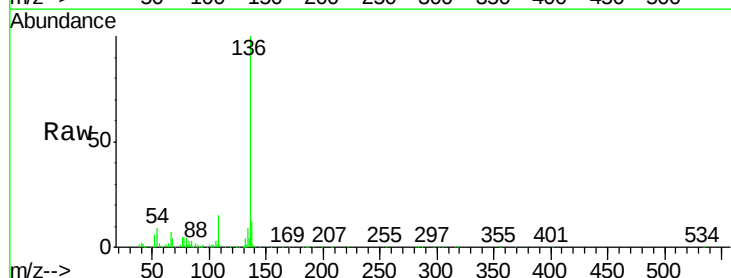
Ion Ratio Lower Upper

136 100

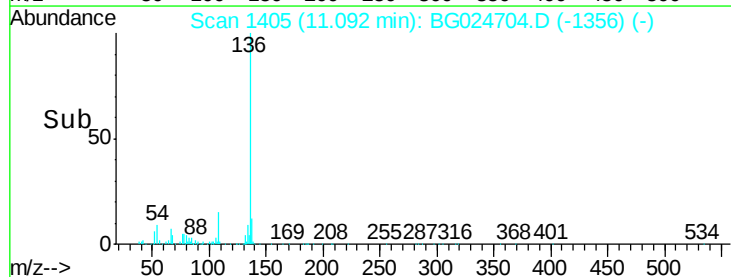
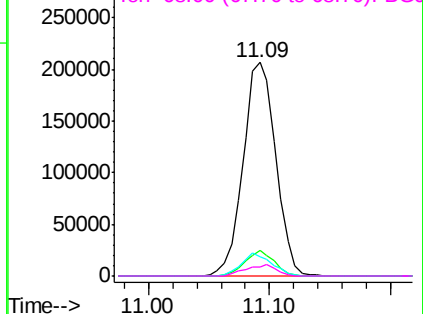
137 12.0 8.9 13.3

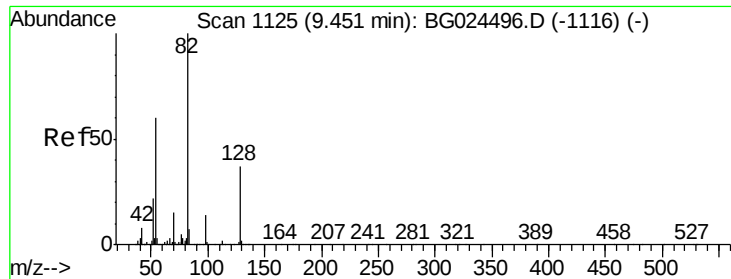
54 9.0 9.3 13.9#

68 4.4 5.1 7.7#



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

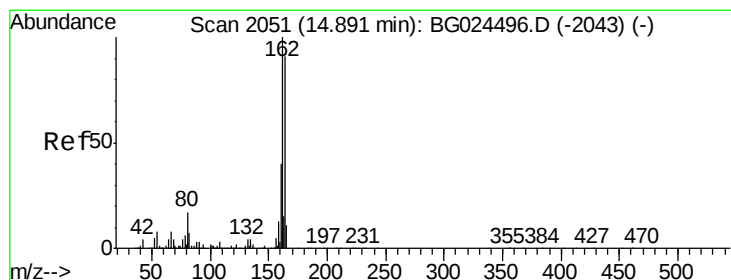
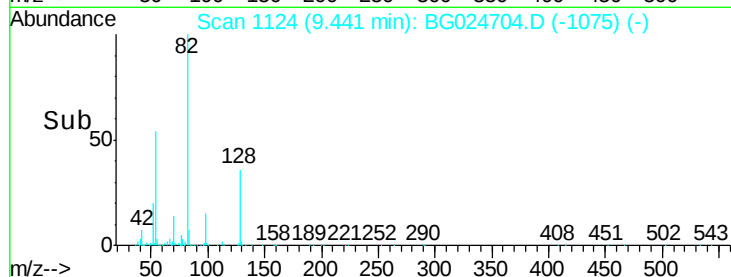
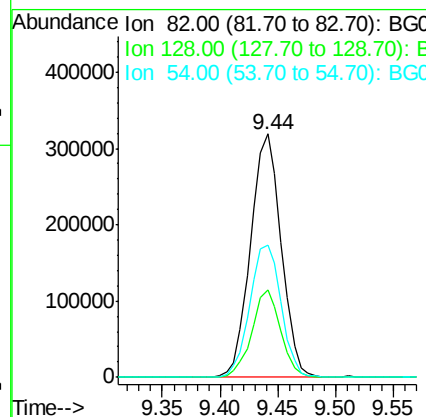
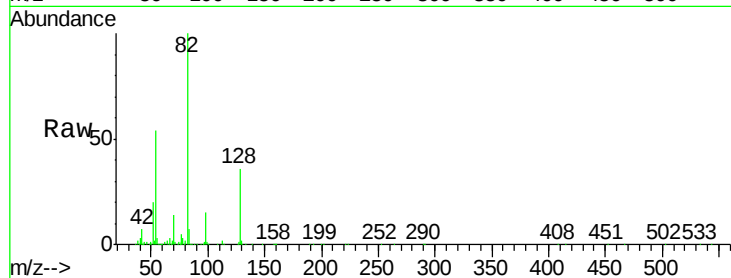




#23
 Nitrobenzene-d5
 Concen: 69.02 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024704.D
 Acq: 5 Nov 2016 9:30

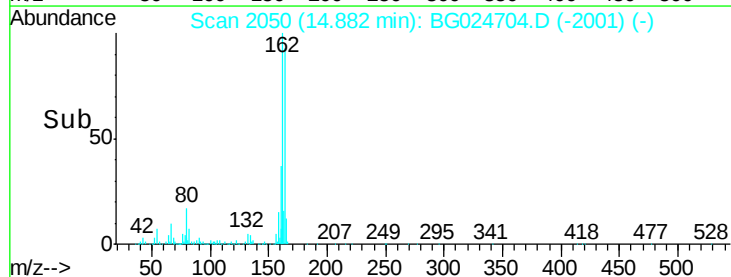
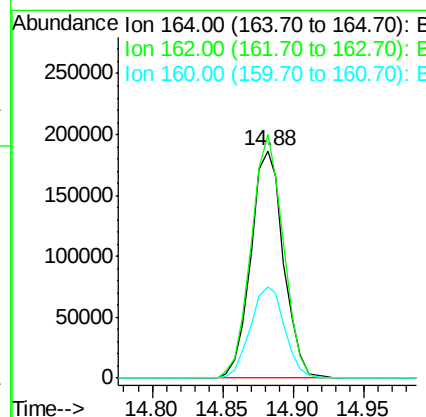
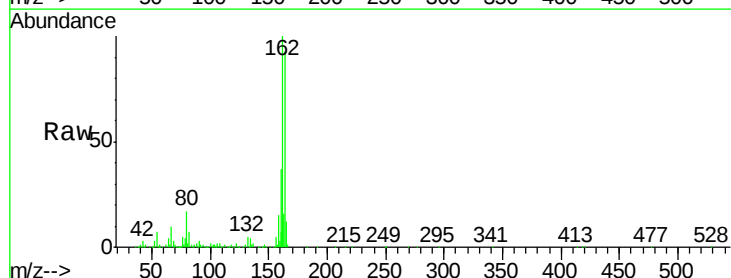
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-A9-A10-A9A-A10A

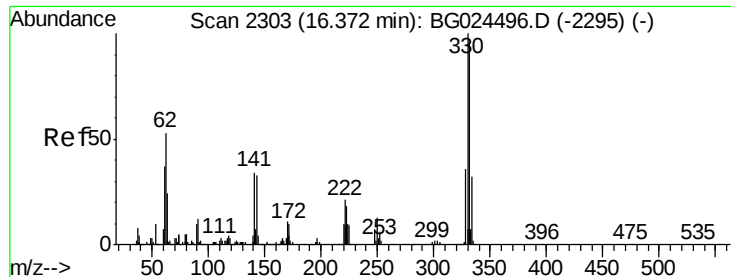
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	54.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024704.D
 Acq: 5 Nov 2016 9:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.1	127.7
160	40.0	34.7	52.1

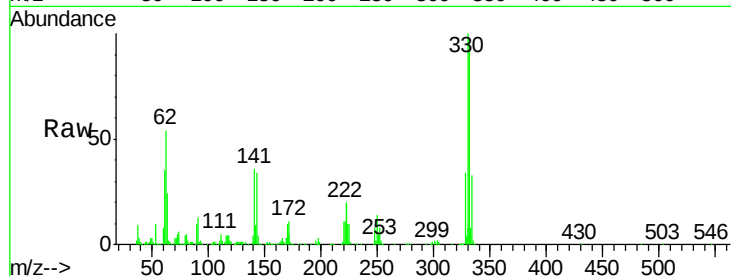




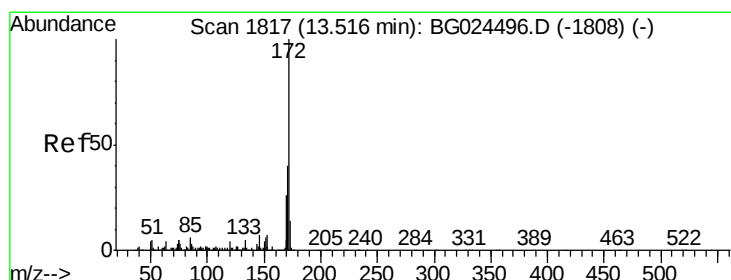
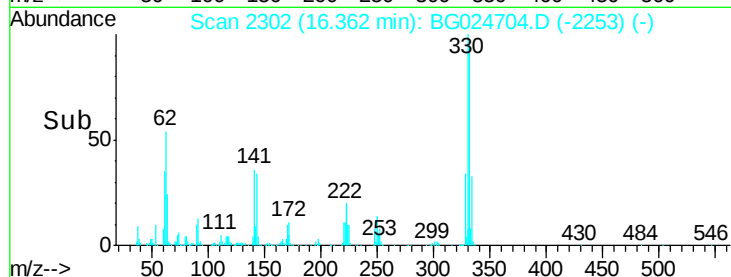
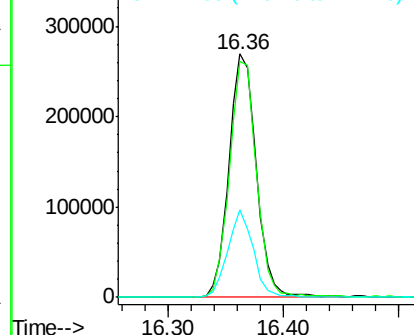
#41
 2,4,6-Tribromophenol
 Concen: 98.10 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024704.D
 Acq: 5 Nov 2016 9:30

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-A9-A10-A9A-A10A

Tot Ion:330 Resp: 443062
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 33.4 32.1 48.1

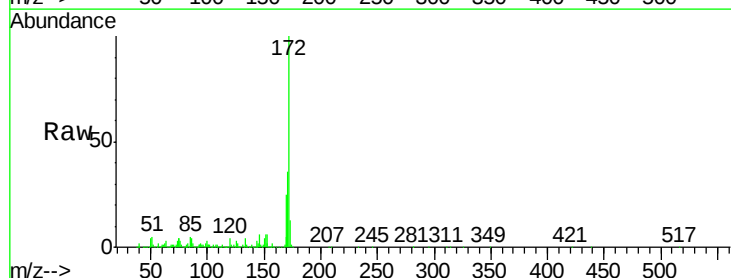


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

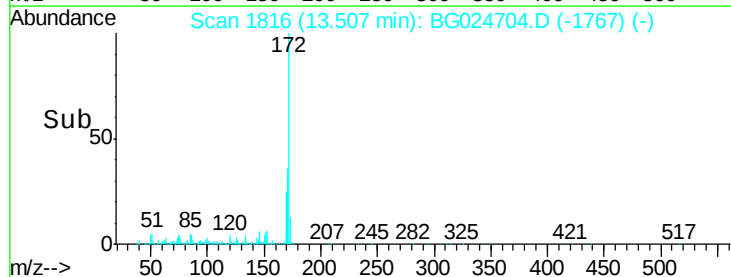
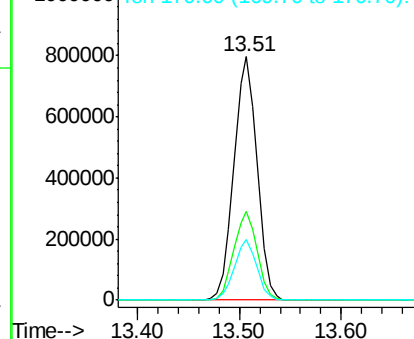


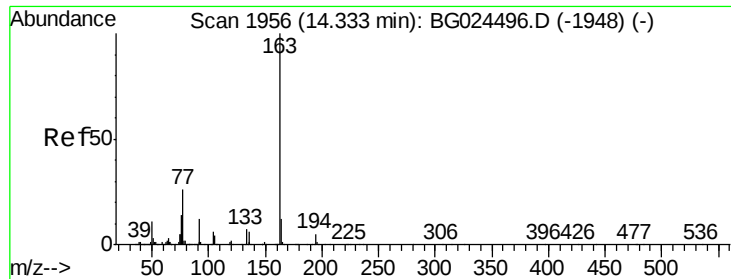
#44
 2-Fluorobiphenyl
 Concen: 69.41 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024704.D
 Acq: 5 Nov 2016 9:30

Tgt Ion:172 Resp: 1262383
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 24.9 21.8 32.6



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: 13.87 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024704.D

Acq: 5 Nov 2016 9:30

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-A9-A10-A9A-A10A

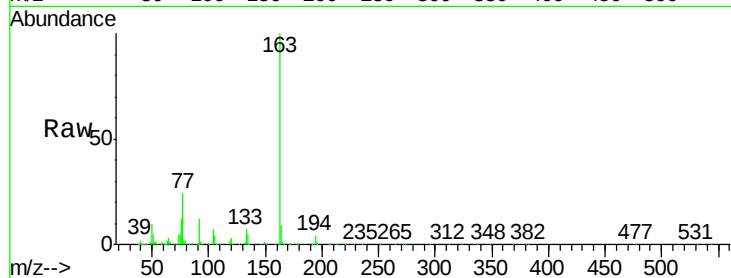
Tot Ion:163 Resp: 297774

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

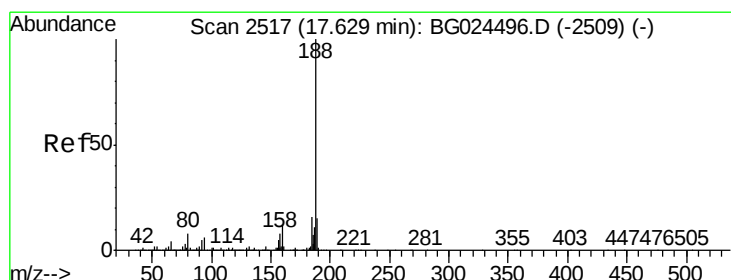
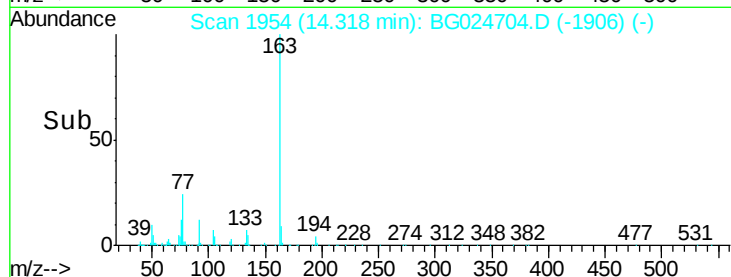
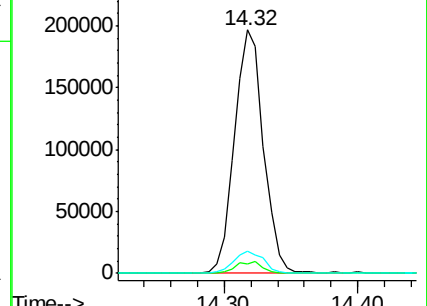
164 9.2 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024704.D

Acq: 5 Nov 2016 9:30

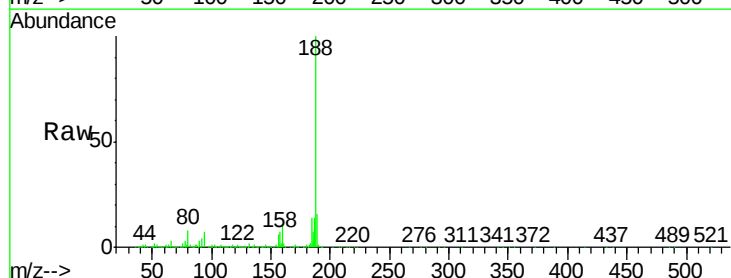
Tgt Ion:188 Resp: 711456

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

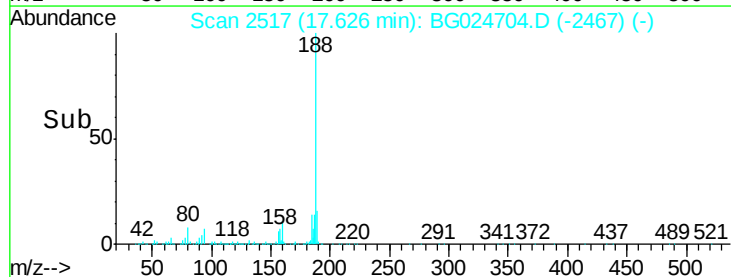
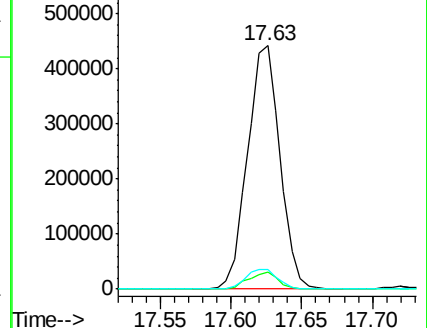
80 8.1 7.5 11.3

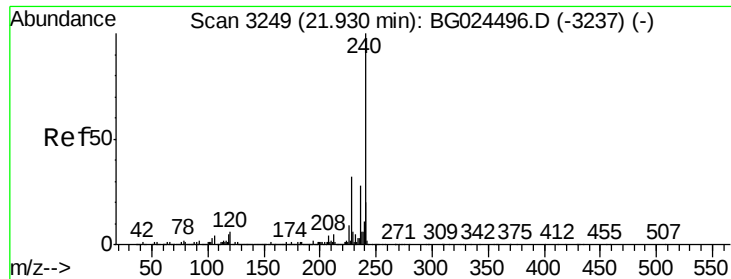


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

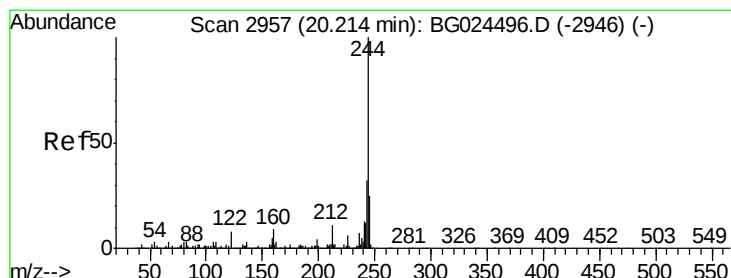
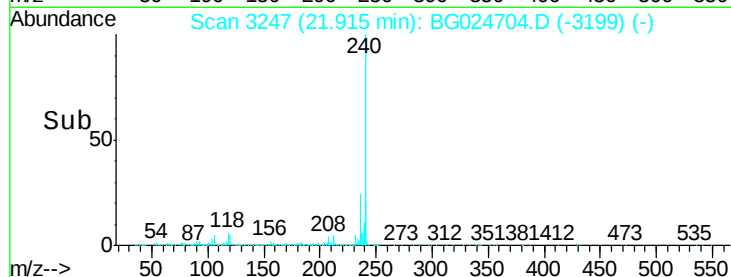
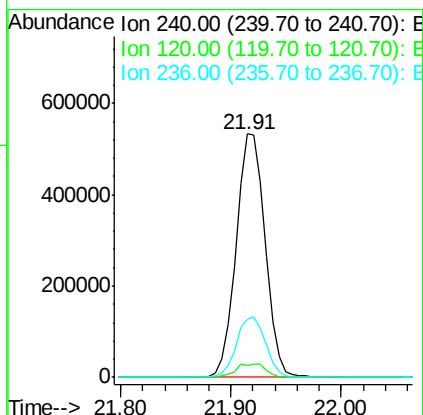
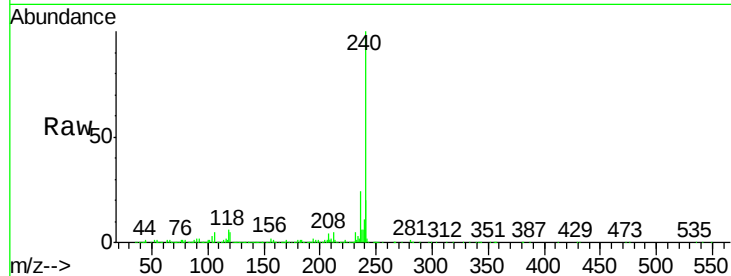




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3247
Delta R.T. -0.02 min
Lab File: BG024704.D
Acq: 5 Nov 2016 9:30

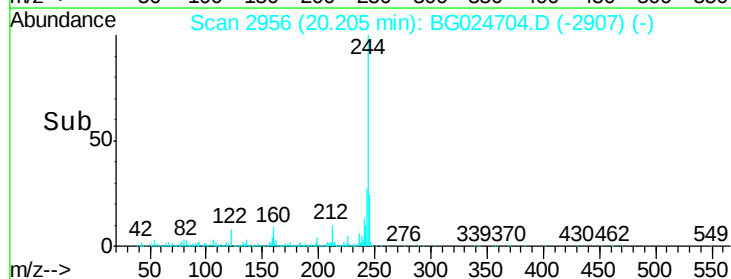
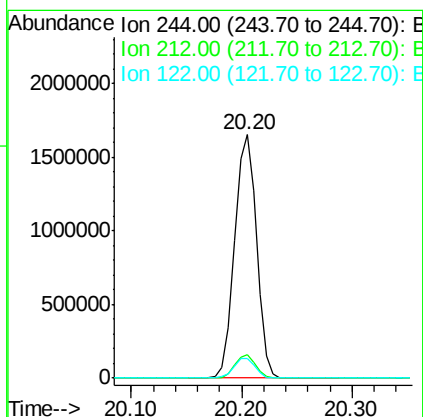
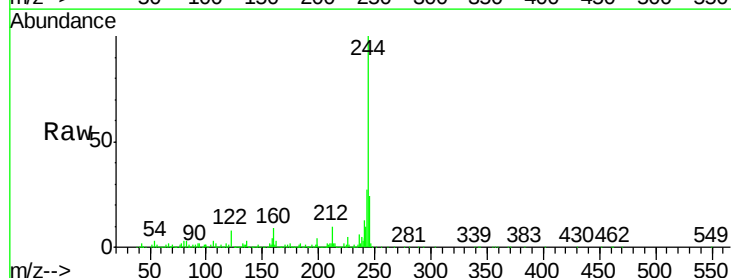
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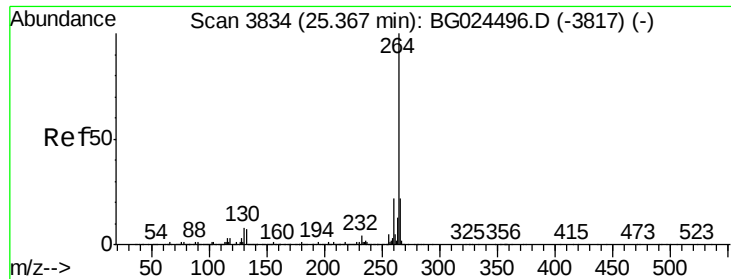
Tot Ion:240 Resp: 984447
Ion Ratio Lower Upper
240 100
120 4.9 5.7 8.5#
236 24.0 22.2 33.4



#78
Terphenyl-d14
Concen: 70.18 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024704.D
Acq: 5 Nov 2016 9:30

Tgt Ion:244 Resp: 2311963
Ion Ratio Lower Upper
244 100
212 9.8 10.0 15.0#
122 8.0 8.6 12.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3832
 Delta R.T. -0.02 min
 Lab File: BG024704.D
 Acq: 5 Nov 2016 9:30

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-A9-A10-A9A-A10A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	22.9	18.2	27.4

