

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024624.D
 Acq On : 2 Nov 2016 12:09
 Operator : UM/SJ
 Sample : H5489-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-77-0.5-1.0

Quant Time: Nov 02 13:24:08 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

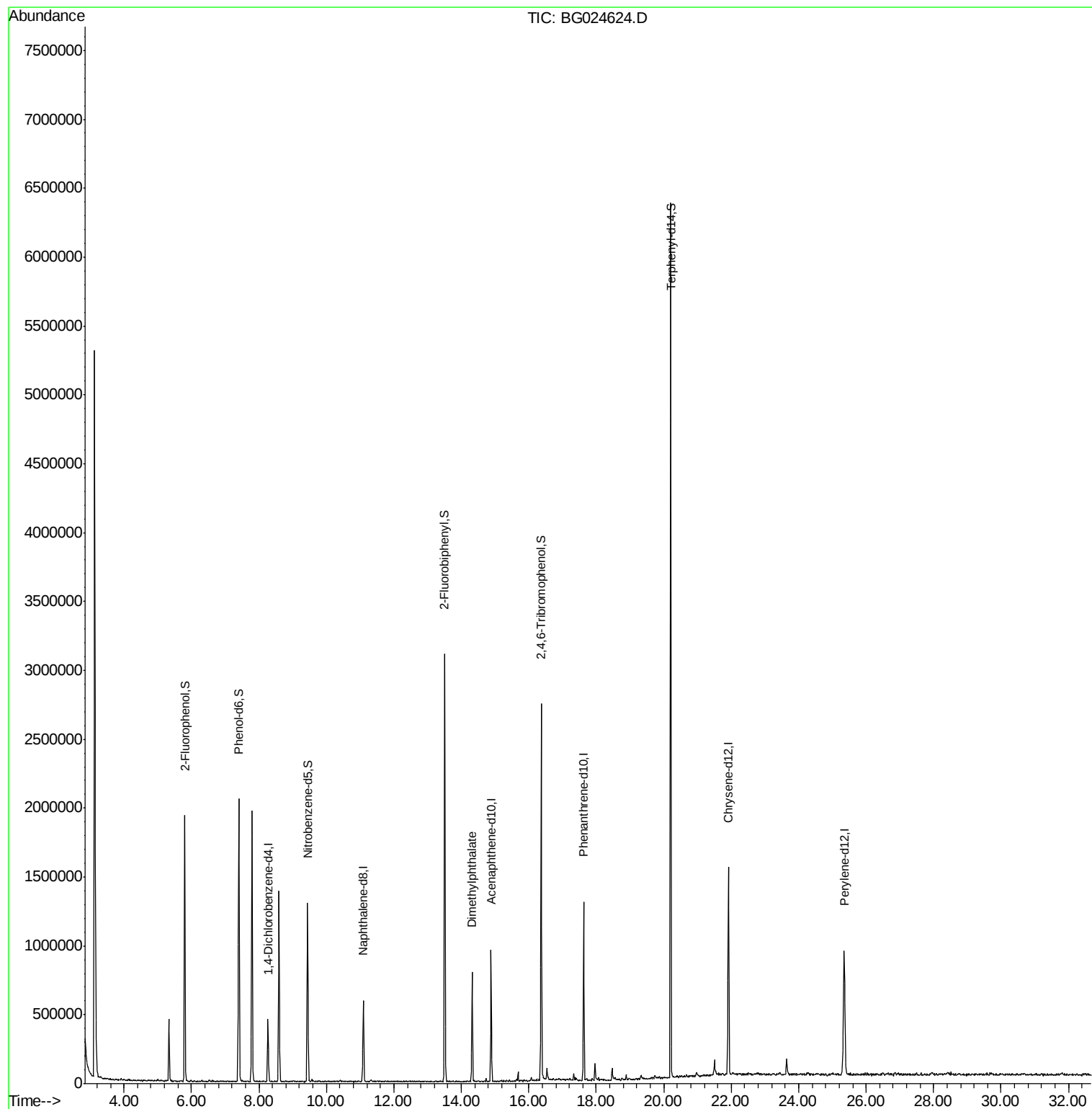
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	122081	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	479822	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	350115	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	777879	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1081787	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1121689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	792063	106.34	ng	0.00
7) Phenol-d6	7.41	99	1151428	112.69	ng	0.00
23) Nitrobenzene-d5	9.45	82	831596	78.91	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	556944	106.48	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1587236	75.35	ng	0.00
78) Terphenyl-d14	20.20	244	2667200	73.67	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	489370	19.69	ng	97

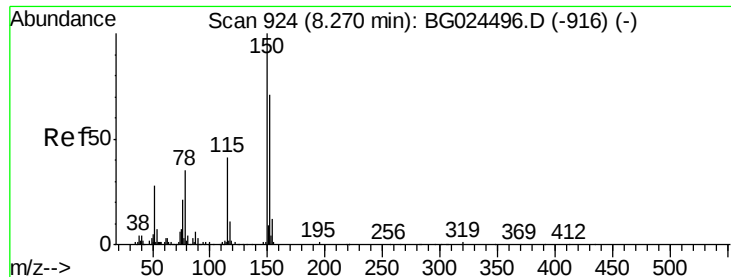
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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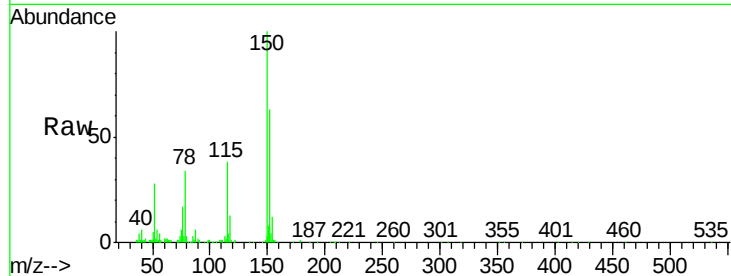


#1

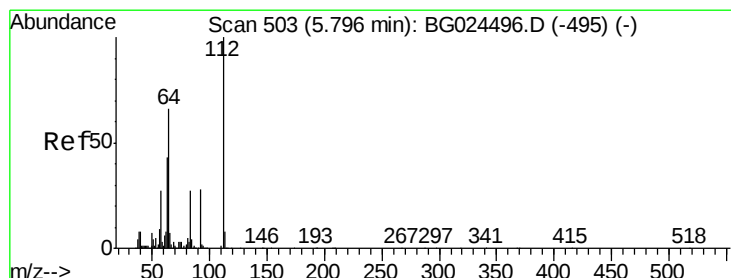
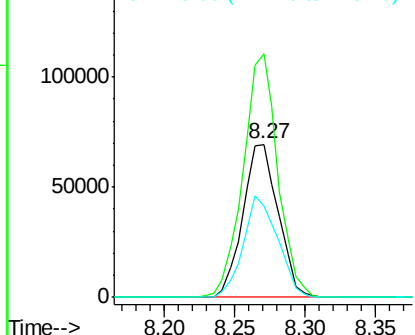
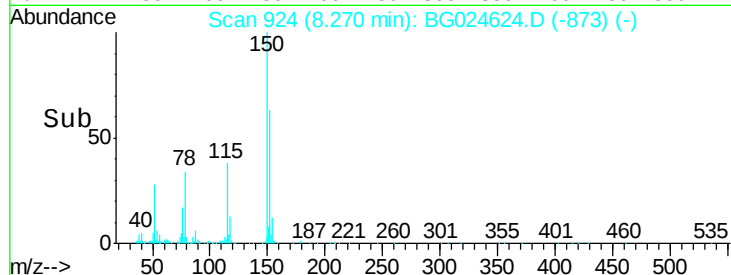
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Instrument :
BNA_G
ClientSampleId :
SB-77-0.5-1.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	114.0	171.0
115	60.0	48.1	72.1



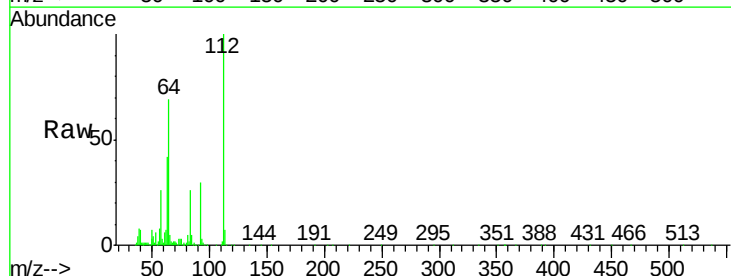
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



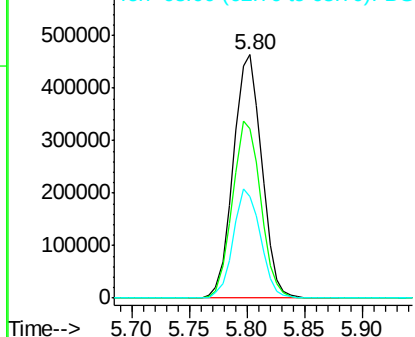
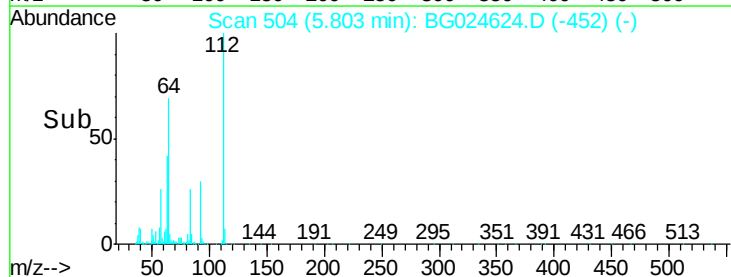
#5

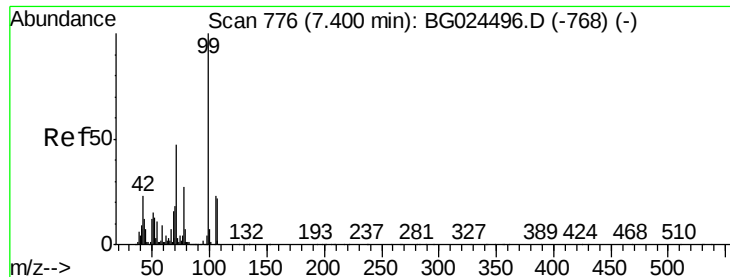
2-Fluorophenol
Concen: 106.34 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	61.8	92.6
63	41.6	37.2	55.8



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: 112.69 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

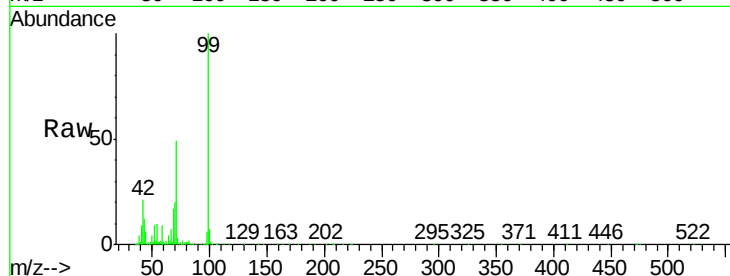
Tot Ion: 99 Resp: 1151428

Ion Ratio Lower Upper

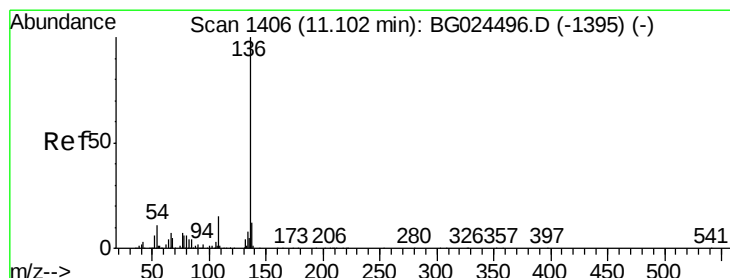
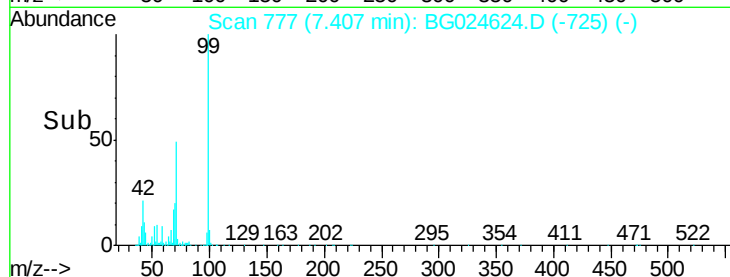
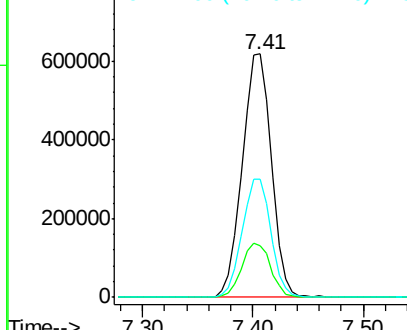
99 100

42 21.3 20.5 30.7

71 48.6 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: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

Tgt Ion: 136 Resp: 479822

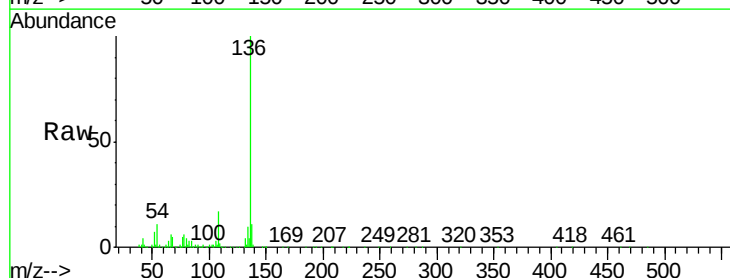
Ion Ratio Lower Upper

136 100

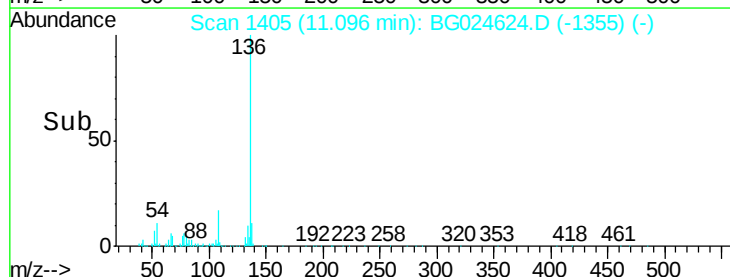
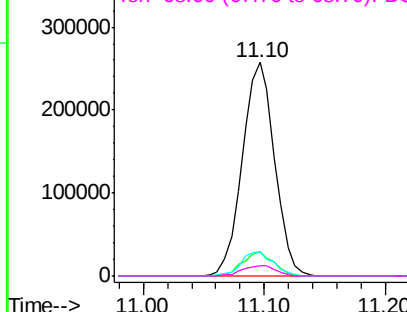
137 11.4 8.9 13.3

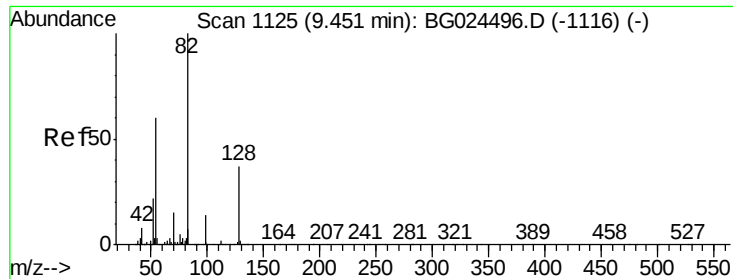
54 11.3 9.3 13.9

68 4.7 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

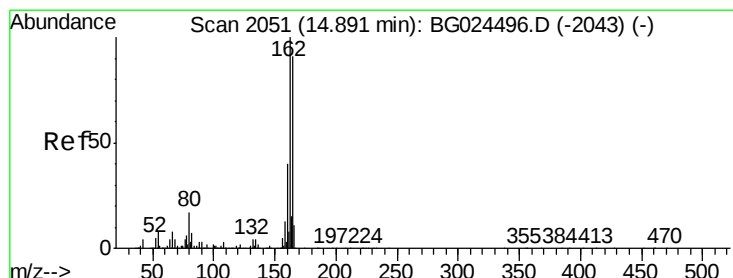
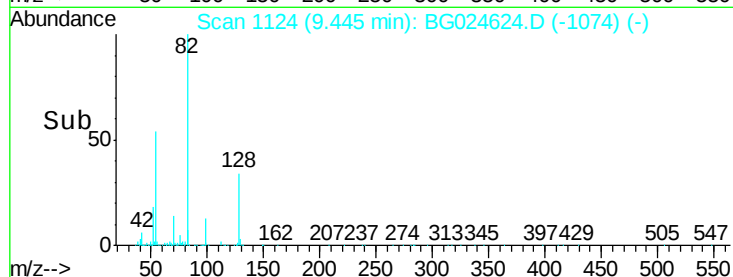
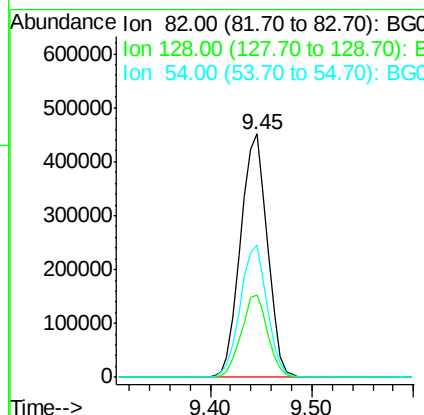
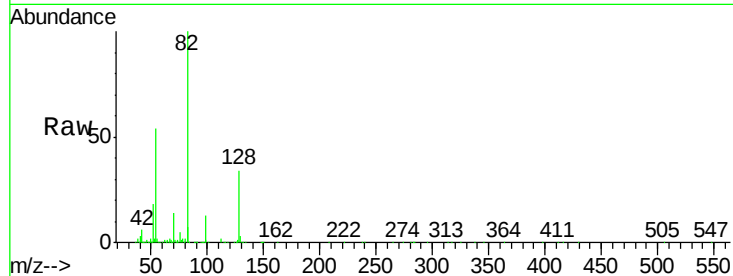




#23
 Nitrobenzene-d5
 Concen: 78.91 ng
 RT: 9.45 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024624.D
 Acq: 2 Nov 2016 12:09

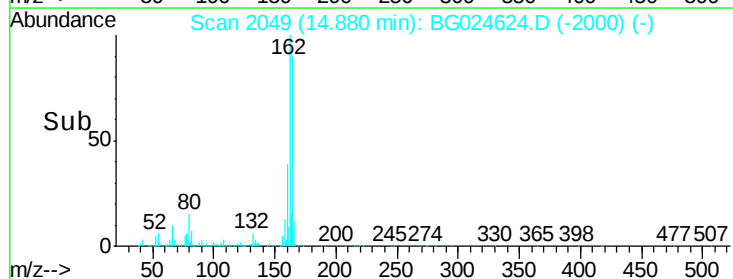
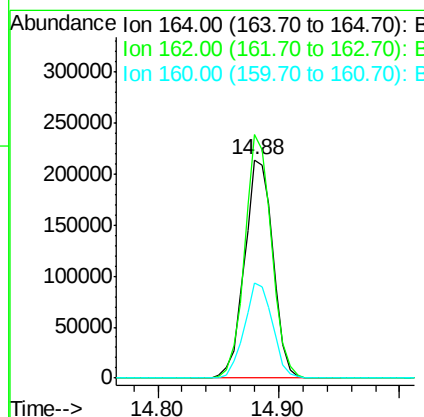
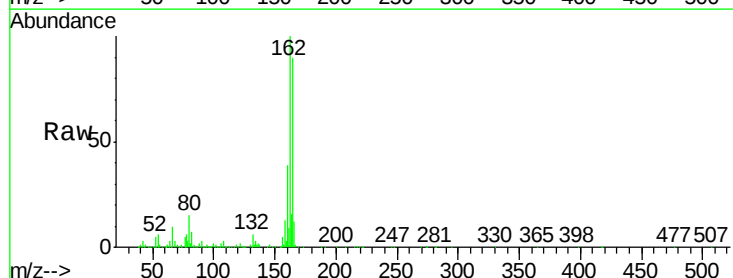
Instrument :
 BNA_G
 ClientSampleId :
 SB-77-0.5-1.0

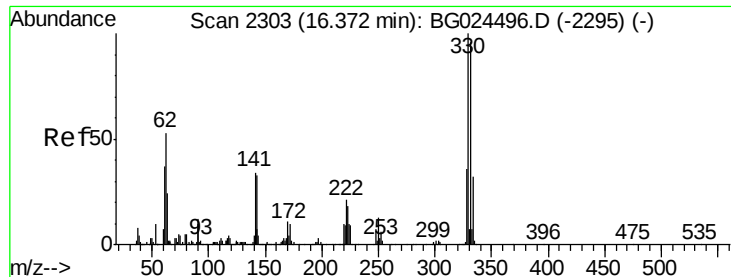
Tot Ion	82	Resp	831596
Ion Ratio	Lower	Upper	
82	100		
128	33.9	26.4	39.6
54	54.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG024624.D
 Acq: 2 Nov 2016 12:09

Tgt Ion	164	Resp	350115
Ion Ratio	Lower	Upper	
164	100		
162	111.4	85.1	127.7
160	43.5	34.7	52.1

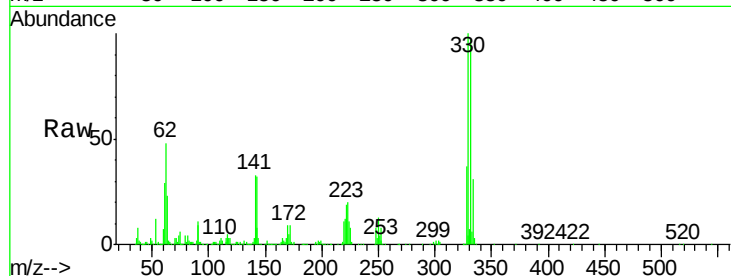




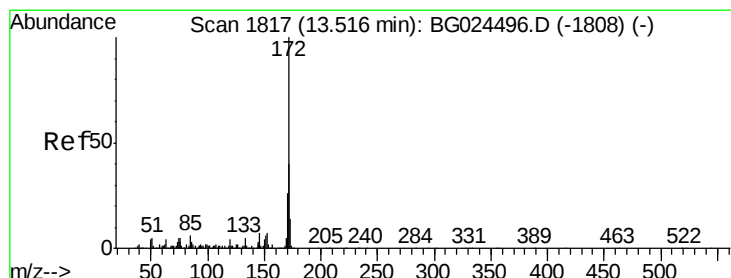
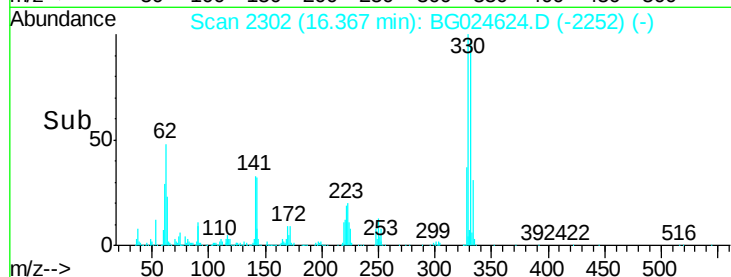
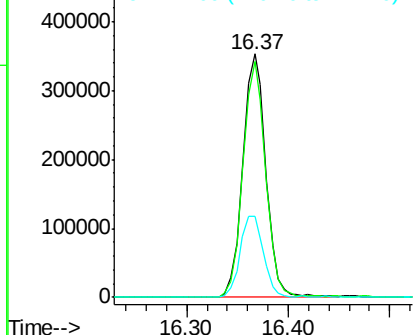
#41
 2,4,6-Tribromophenol
 Concen: 106.48 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024624.D
 Acq: 2 Nov 2016 12:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-77-0.5-1.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	33.9	32.1	48.1

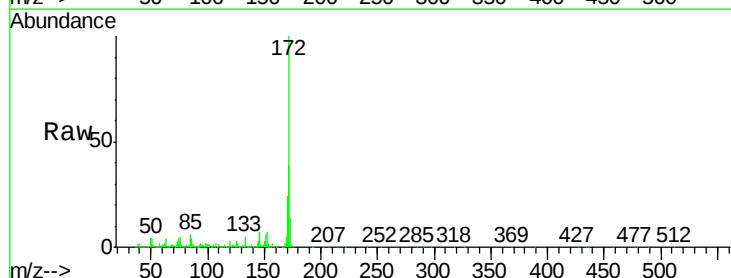


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

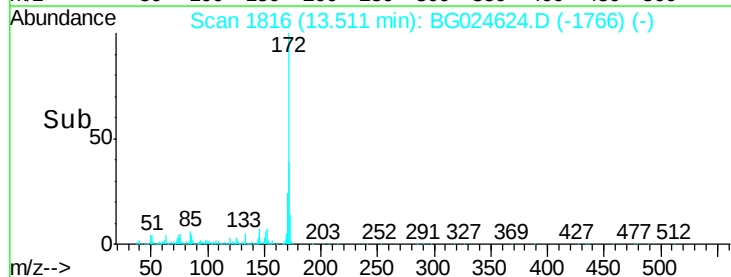
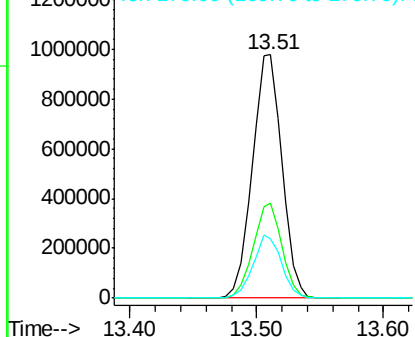


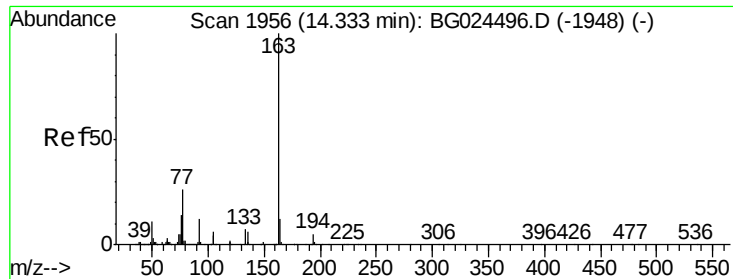
#44
 2-Fluorobiphenyl
 Concen: 75.35 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024624.D
 Acq: 2 Nov 2016 12:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	24.4	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

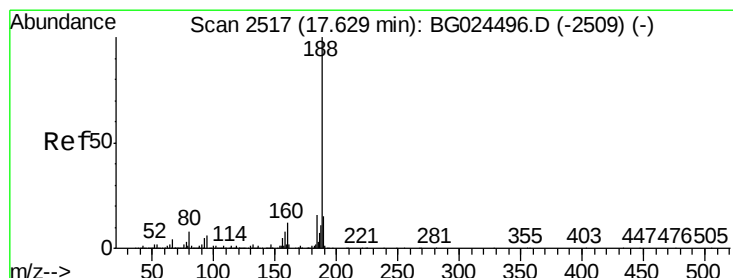
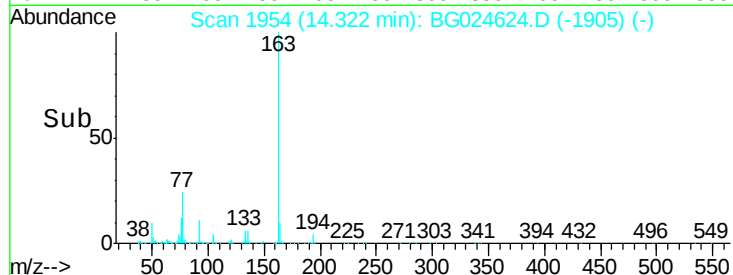
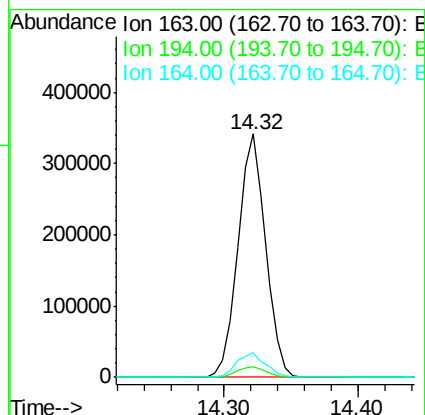
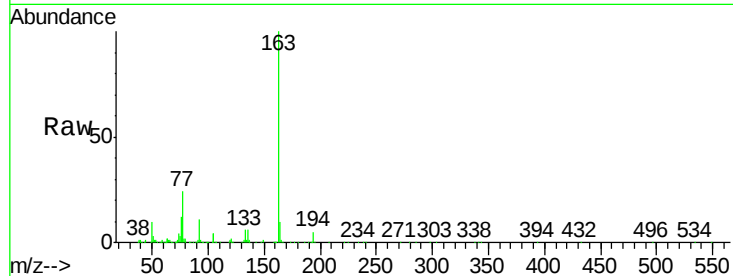




#49
Dimethylphthalate
Concen: 19.69 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

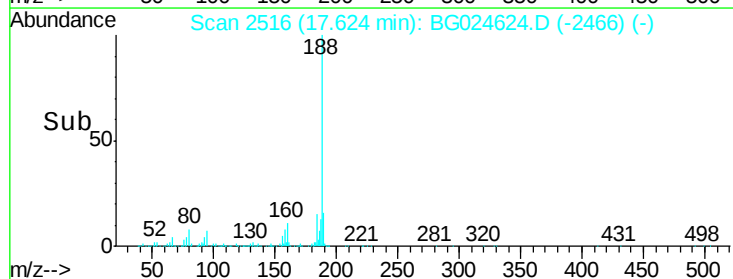
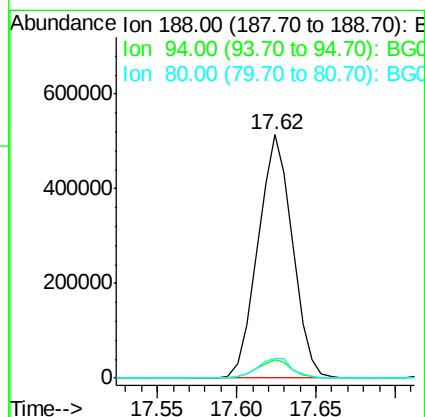
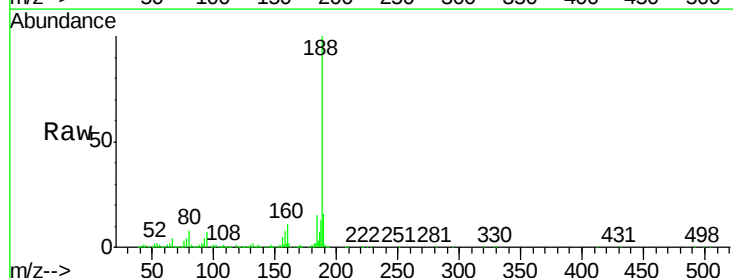
Instrument :
BNA_G
ClientSampleId :
SB-77-0.5-1.0

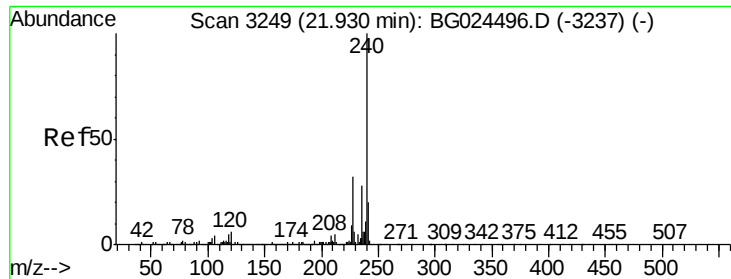
Tot Ion:163 Resp: 489370
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 9.9 9.3 13.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Tgt Ion:188 Resp: 777879
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 8.1 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

Instrument :

BNA_G

ClientSampleId :

SB-77-0.5-1.0

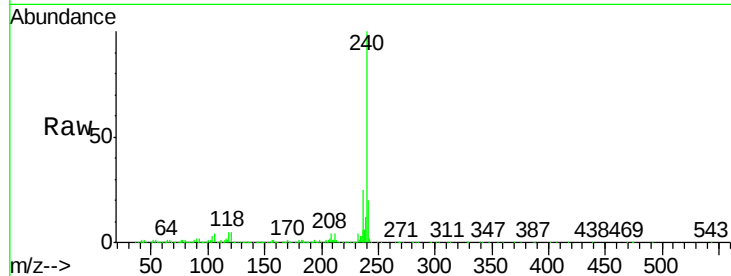
Tot Ion:240 Resp: 1081787

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

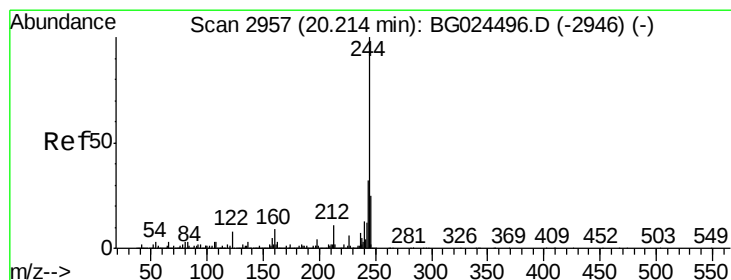
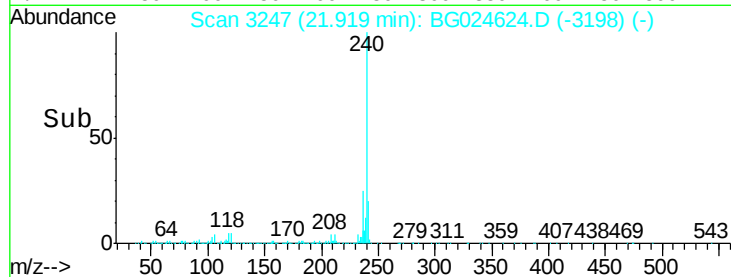
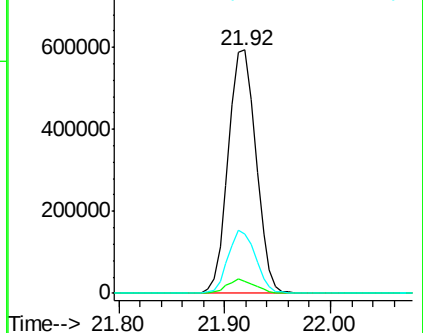
236 24.5 22.2 33.4



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: 73.67 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024624.D

Acq: 2 Nov 2016 12:09

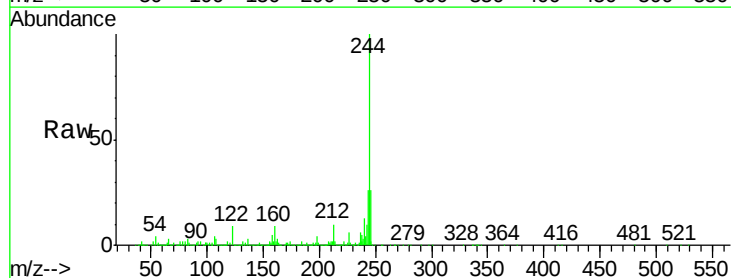
Tgt Ion:244 Resp: 2667200

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0

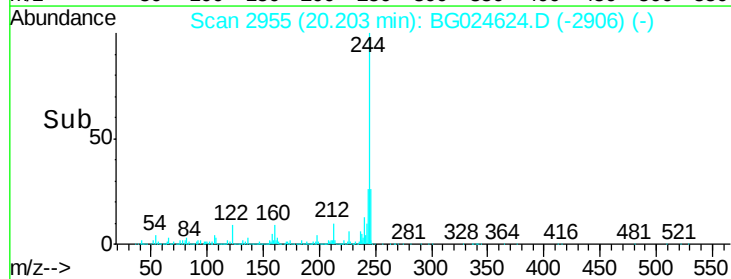
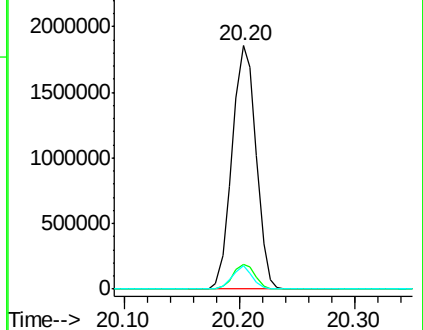
122 9.5 8.6 12.8

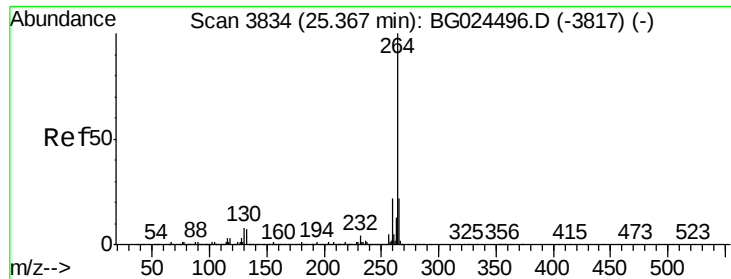


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024624.D
Acq: 2 Nov 2016 12:09

Instrument :
BNA_G
ClientSampleId :
SB-77-0.5-1.0

Tot Ion:264 Resp: 1121689

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	22.3	18.2	27.4

