

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024530.D
 Acq On : 27 Oct 2016 20:52
 Operator : UM/SJ
 Sample : H5424-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

Quant Time: Oct 28 02:14:54 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

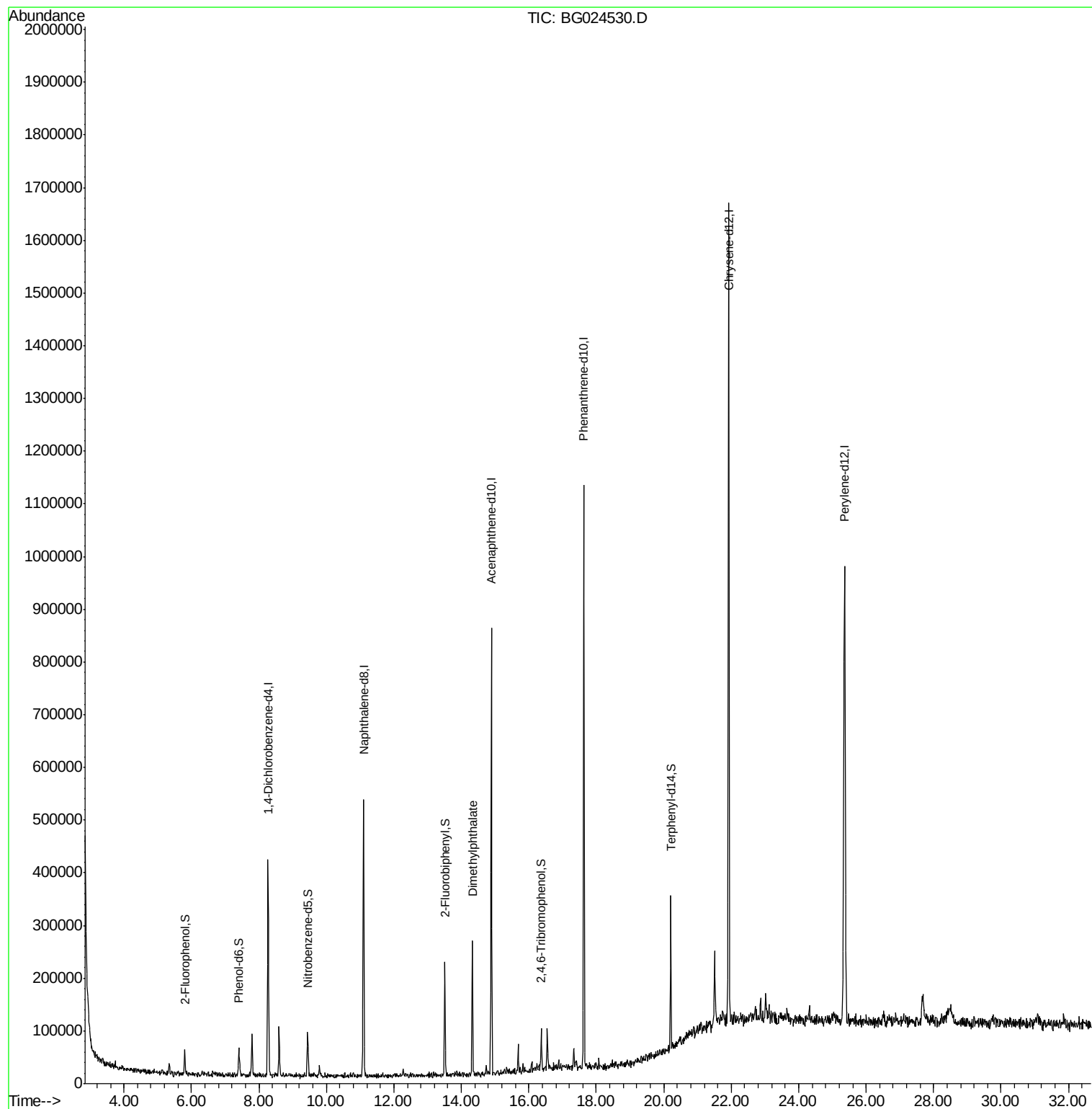
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	110878	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	431620	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	320593	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	693985	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1035455	20.00	ng	0.00
86) Perylene-d12	25.36	264	1108400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	20989	3.10	ng	0.00
7) Phenol-d6	7.41	99	26209	2.82	ng	0.01
23) Nitrobenzene-d5	9.45	82	56830	5.99	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	15432	3.22	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	100556	5.21	ng	0.00
78) Terphenyl-d14	20.20	244	131813	3.80	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.33	163	156639	6.88	ng	Qvalue 97

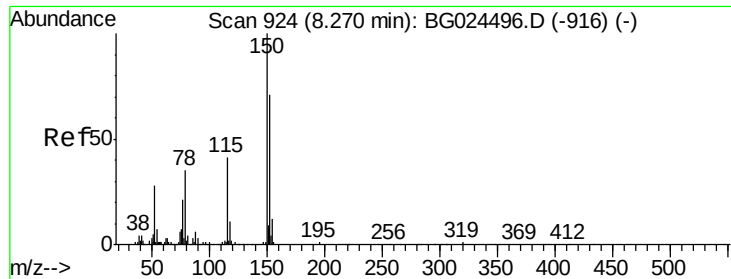
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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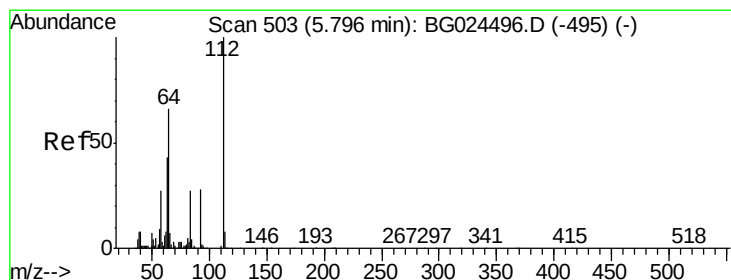
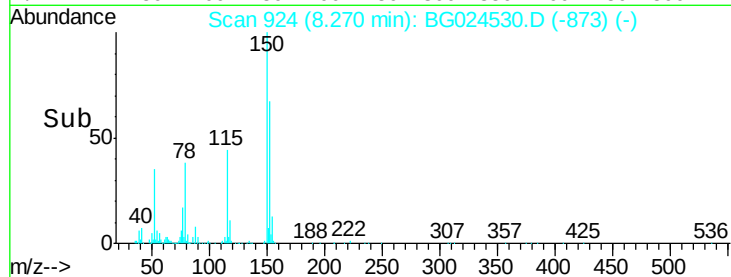
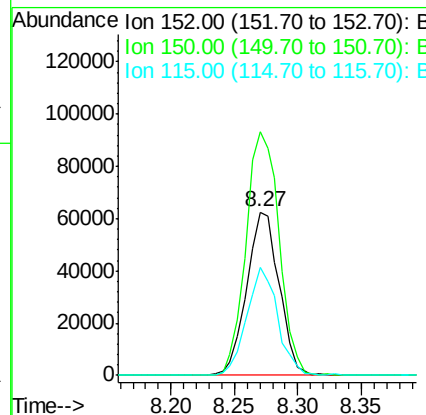
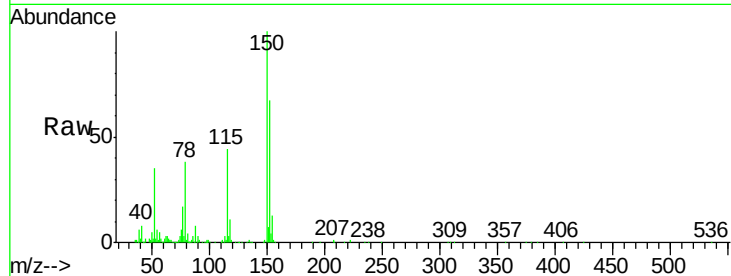


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BG024530.D
 Acq: 27 Oct 2016 20:52

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

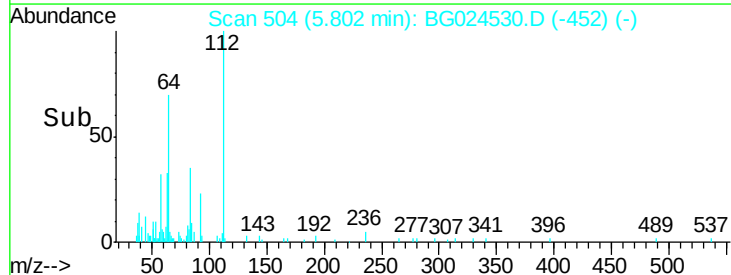
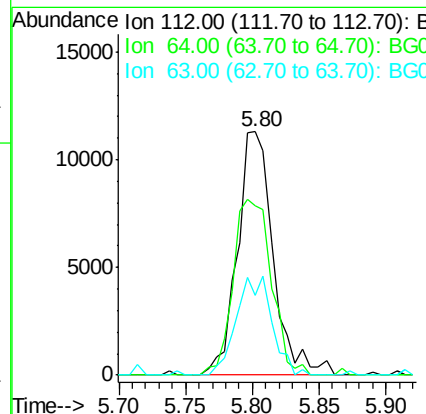
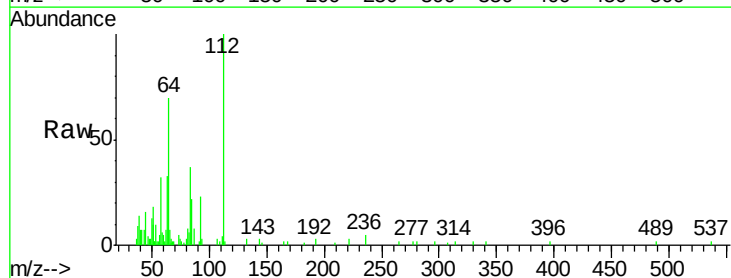
Tgt Ion:152 Resp: 110878
 Ion Ratio Lower Upper
 152 100
 150 148.8 114.0 171.0
 115 65.9 48.1 72.1

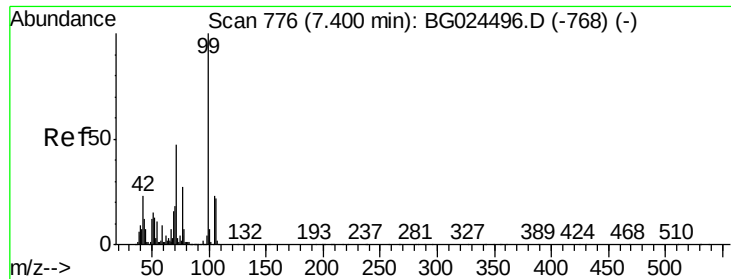


#5

2-Fluorophenol
 Concen: 3.10 ng
 RT: 5.80 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: BG024530.D
 Acq: 27 Oct 2016 20:52

Tgt Ion:112 Resp: 20989
 Ion Ratio Lower Upper
 112 100
 64 69.7 61.8 92.6
 63 32.8 37.2 55.8#





#7

Phenol-d6

Concen: 2.82 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024530.D

Acq: 27 Oct 2016 20:52

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

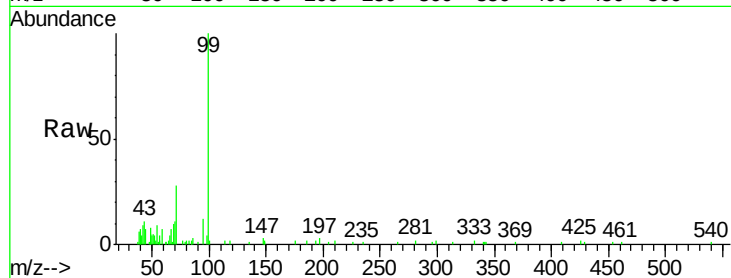
Tgt Ion: 99 Resp: 26209

Ion Ratio Lower Upper

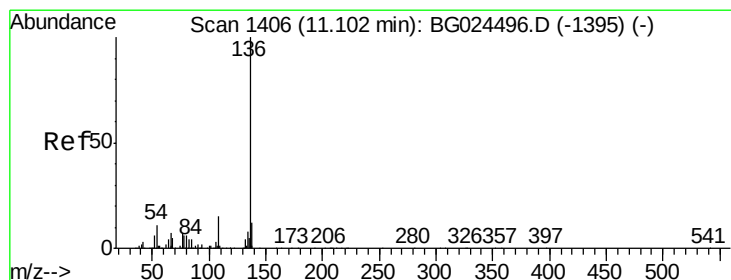
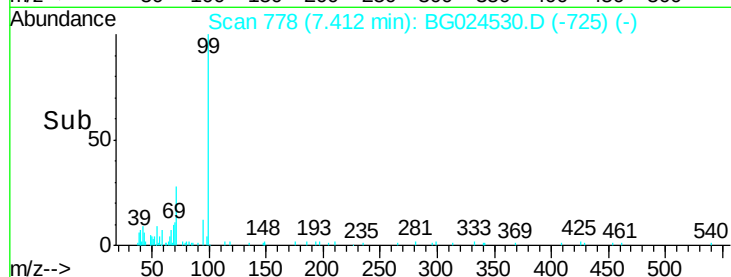
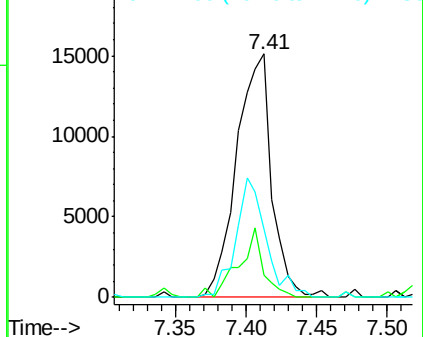
99 100

42 9.1 20.5 30.7#

71 27.9 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: BG024530.D

Acq: 27 Oct 2016 20:52

Tgt Ion: 136 Resp: 431620

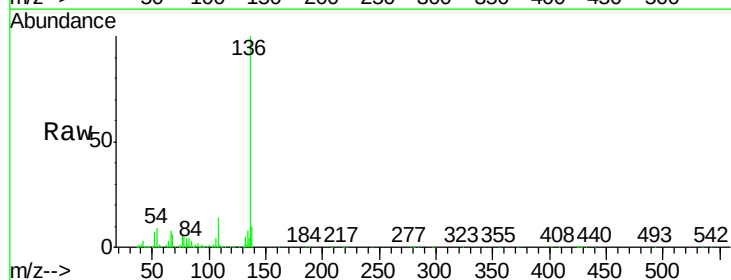
Ion Ratio Lower Upper

136 100

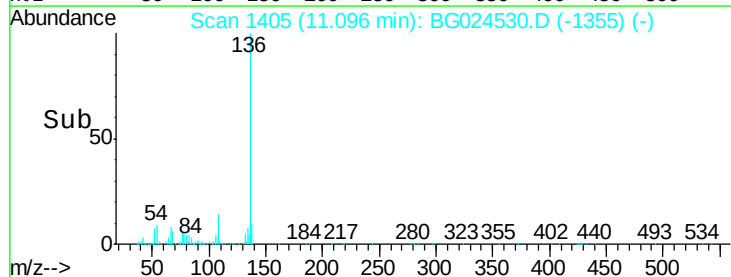
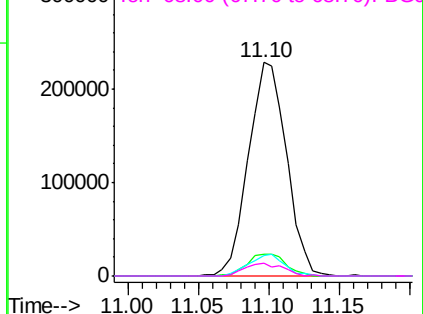
137 10.5 8.9 13.3

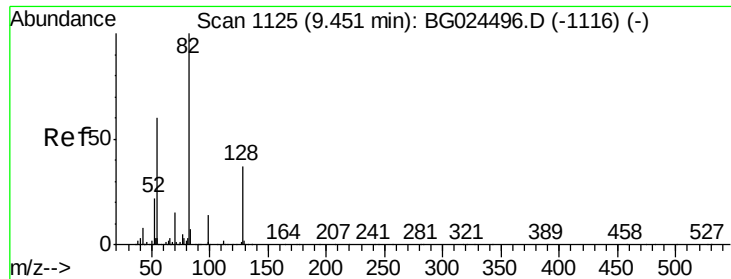
54 9.3 9.3 13.9

68 6.0 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

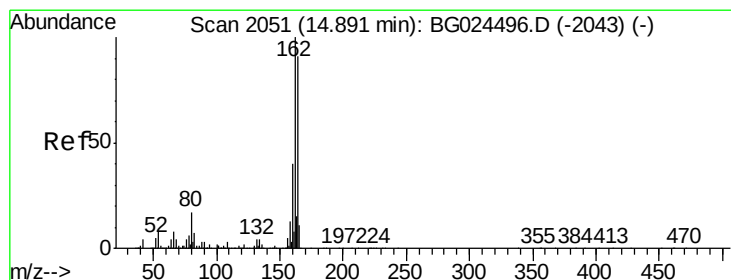
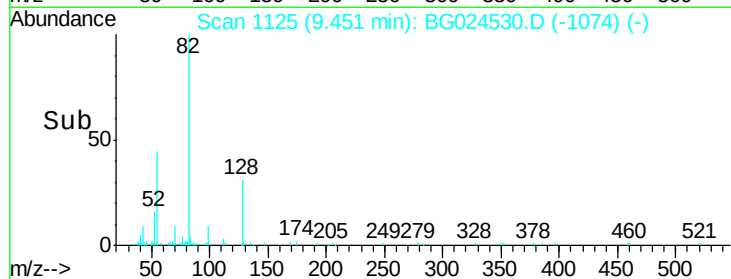
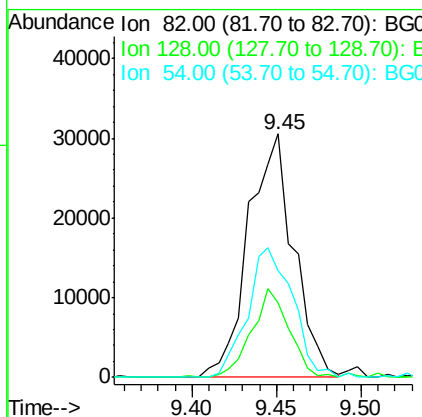
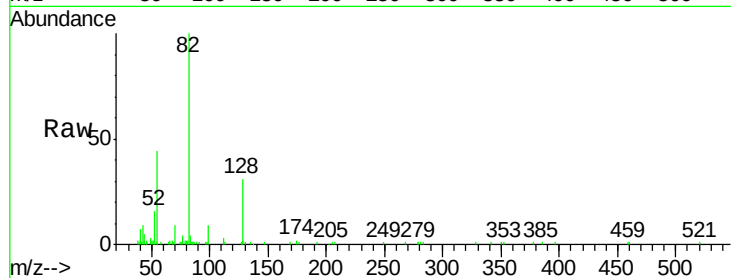




#23
 Nitrobenzene-d5
 Concen: 5.99 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BG024530.D
 Acq: 27 Oct 2016 20:52

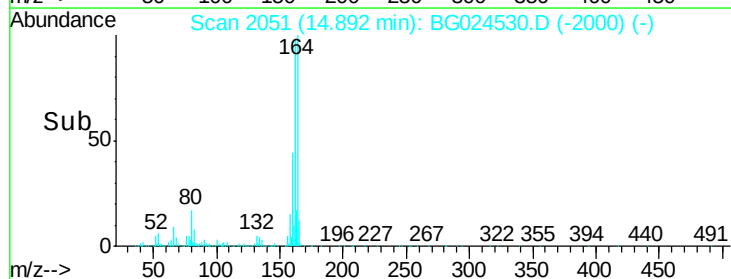
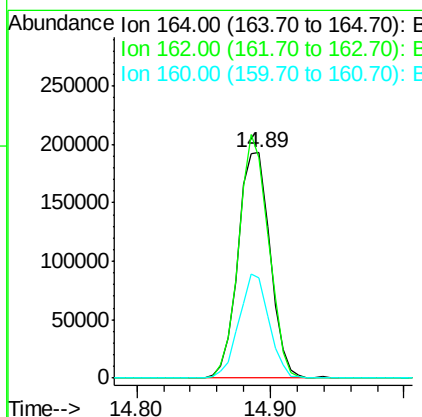
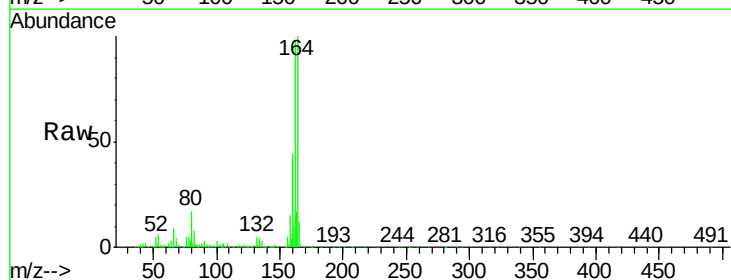
Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

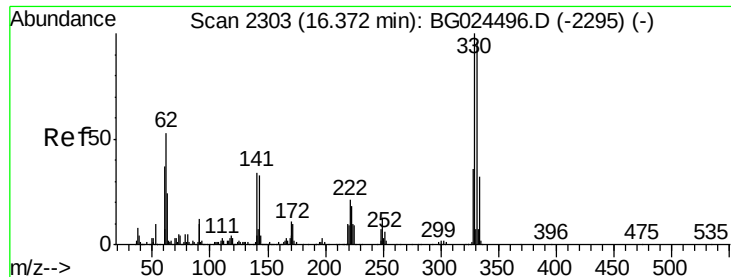
Tgt Ion: 82 Resp: 56830
 Ion Ratio Lower Upper
 82 100
 128 30.6 26.4 39.6
 54 43.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG024530.D
 Acq: 27 Oct 2016 20:52

Tgt Ion: 164 Resp: 320593
 Ion Ratio Lower Upper
 164 100
 162 97.9 85.1 127.7
 160 44.4 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 3.22 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024530.D

Acq: 27 Oct 2016 20:52

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

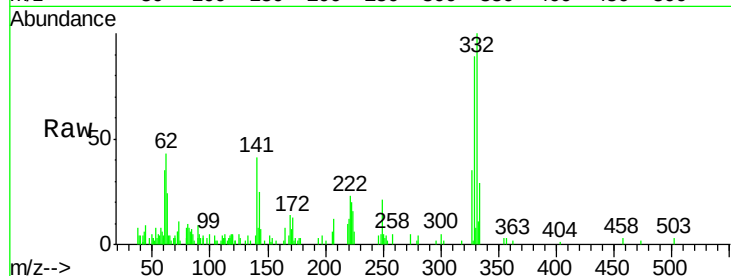
Tgt Ion:330 Resp: 15432

Ion Ratio Lower Upper

330 100

332 105.0 77.3 115.9

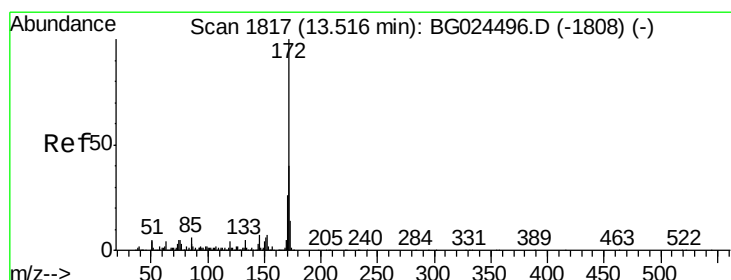
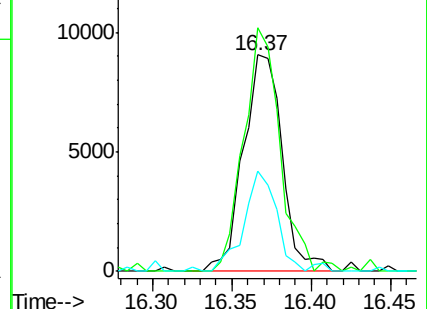
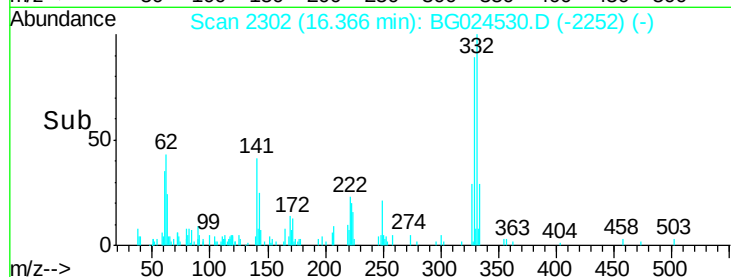
141 38.9 32.1 48.1



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: 5.21 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024530.D

Acq: 27 Oct 2016 20:52

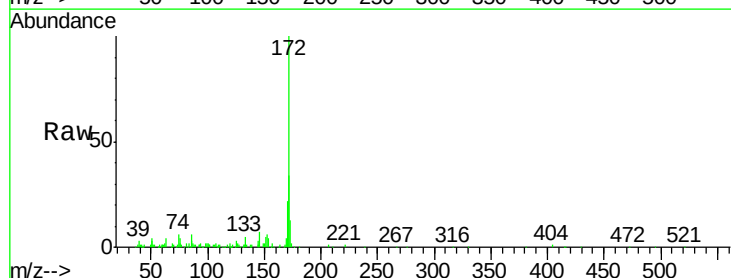
Tgt Ion:172 Resp: 100556

Ion Ratio Lower Upper

172 100

171 34.3 32.2 48.2

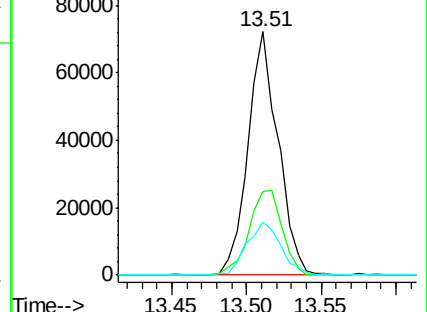
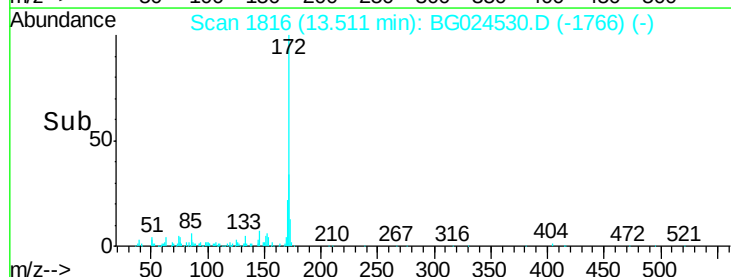
170 22.0 21.8 32.6

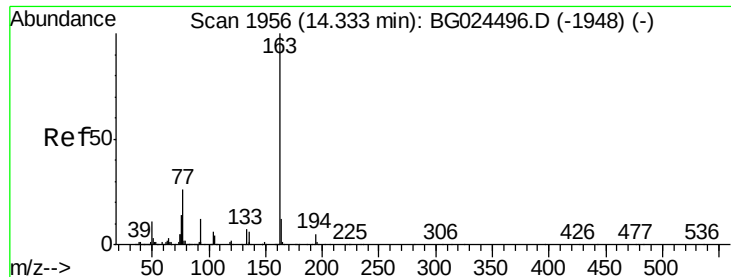


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.88 ng

RT: 14.33 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024530.D

Acq: 27 Oct 2016 20:52

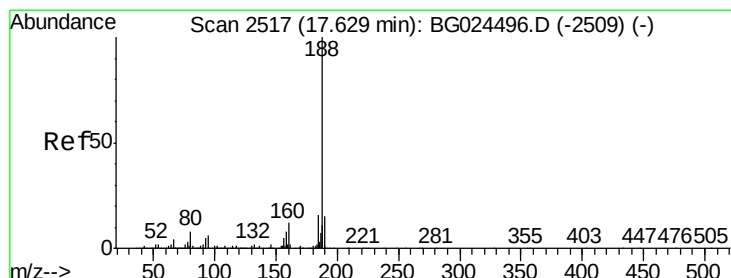
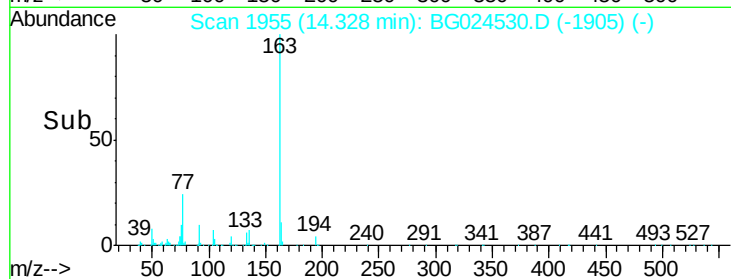
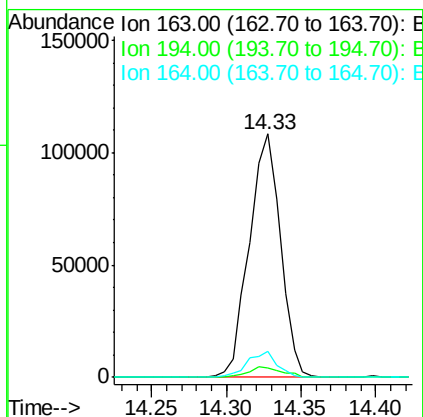
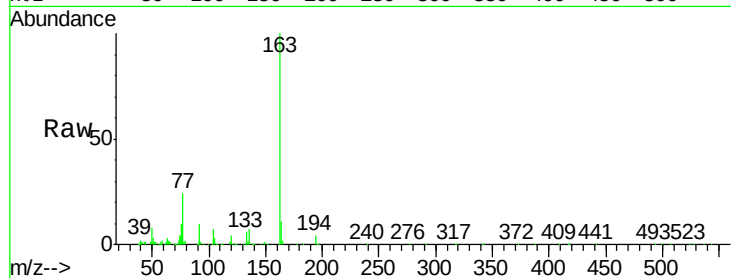
Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

Tgt Ion:163	Resp:	156639
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.8 5.6
164	10.7	9.3 13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

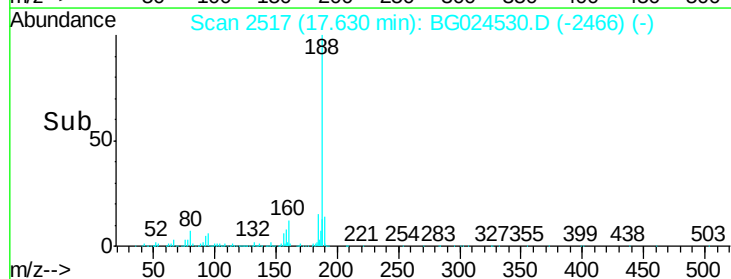
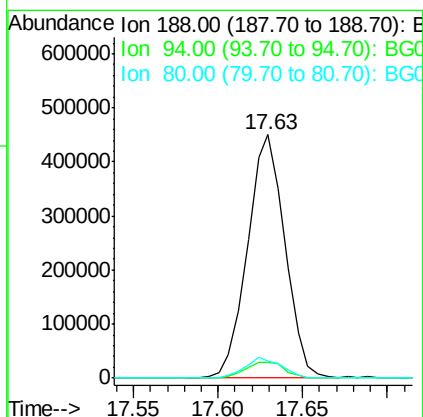
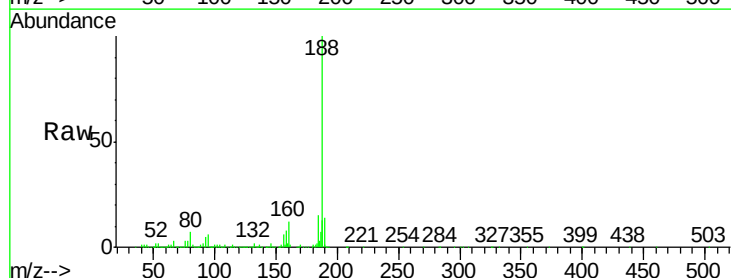
RT: 17.63 min Scan# 2517

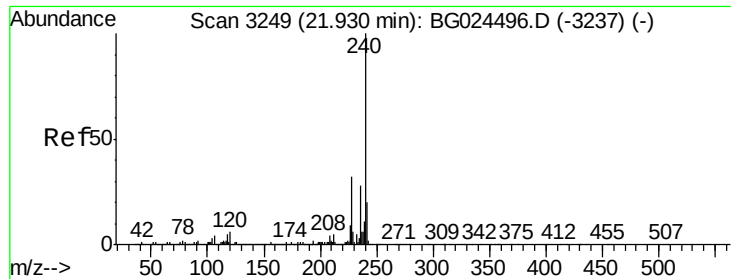
Delta R.T. 0.00 min

Lab File: BG024530.D

Acq: 27 Oct 2016 20:52

Tgt Ion:188	Resp:	693985
Ion Ratio	Lower	Upper
188	100	
94	6.3	5.8 8.8
80	7.0	7.5 11.3#

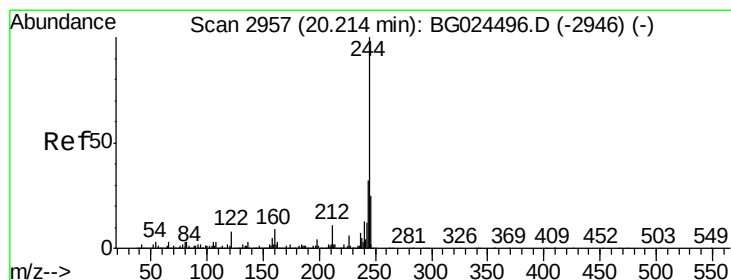
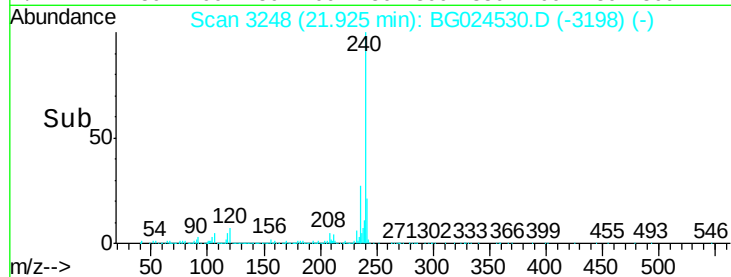
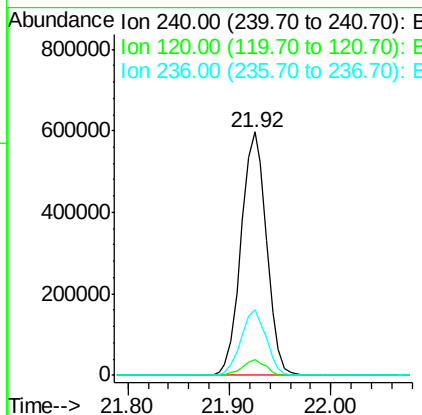
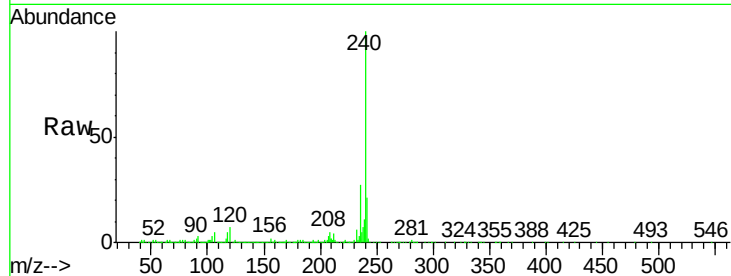




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024530.D
Acq: 27 Oct 2016 20:52

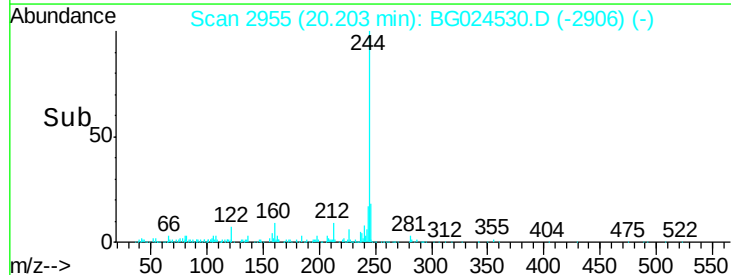
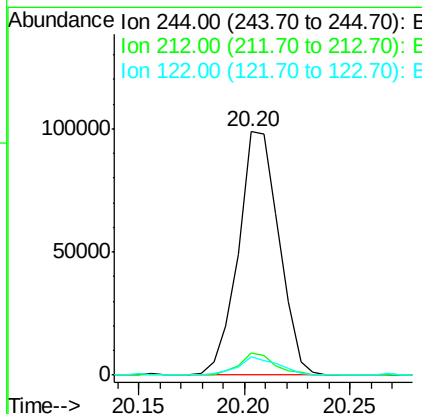
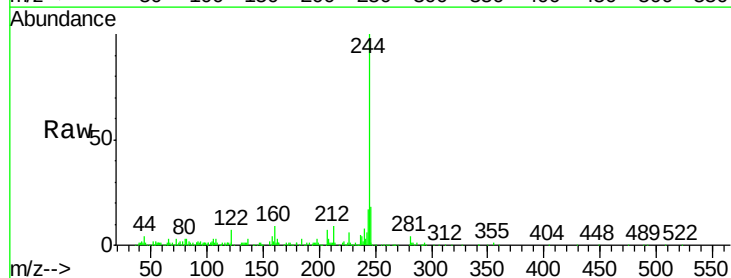
Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

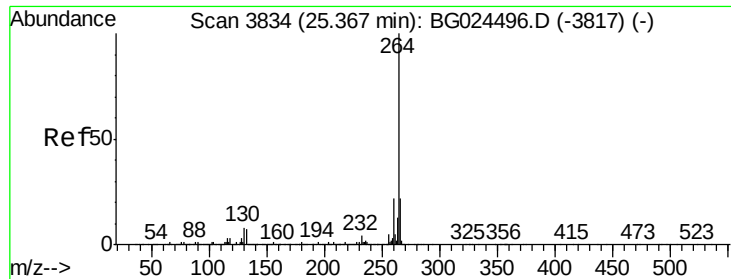
Tgt Ion:240 Resp: 1035455
Ion Ratio Lower Upper
240 100
120 6.6 5.7 8.5
236 26.8 22.2 33.4



#78
Terphenyl-d14
Concen: 3.80 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024530.D
Acq: 27 Oct 2016 20:52

Tgt Ion:244 Resp: 131813
Ion Ratio Lower Upper
244 100
212 8.9 10.0 15.0#
122 7.4 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024530.D
Acq: 27 Oct 2016 20:52

Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

Tgt Ion: 264 Resp: 1108400

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	23.9	18.2	27.4

