

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024563.D
 Acq On : 31 Oct 2016 19:27
 Operator : UM/SJ
 Sample : H5477-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-4

Quant Time: Nov 01 11:56:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

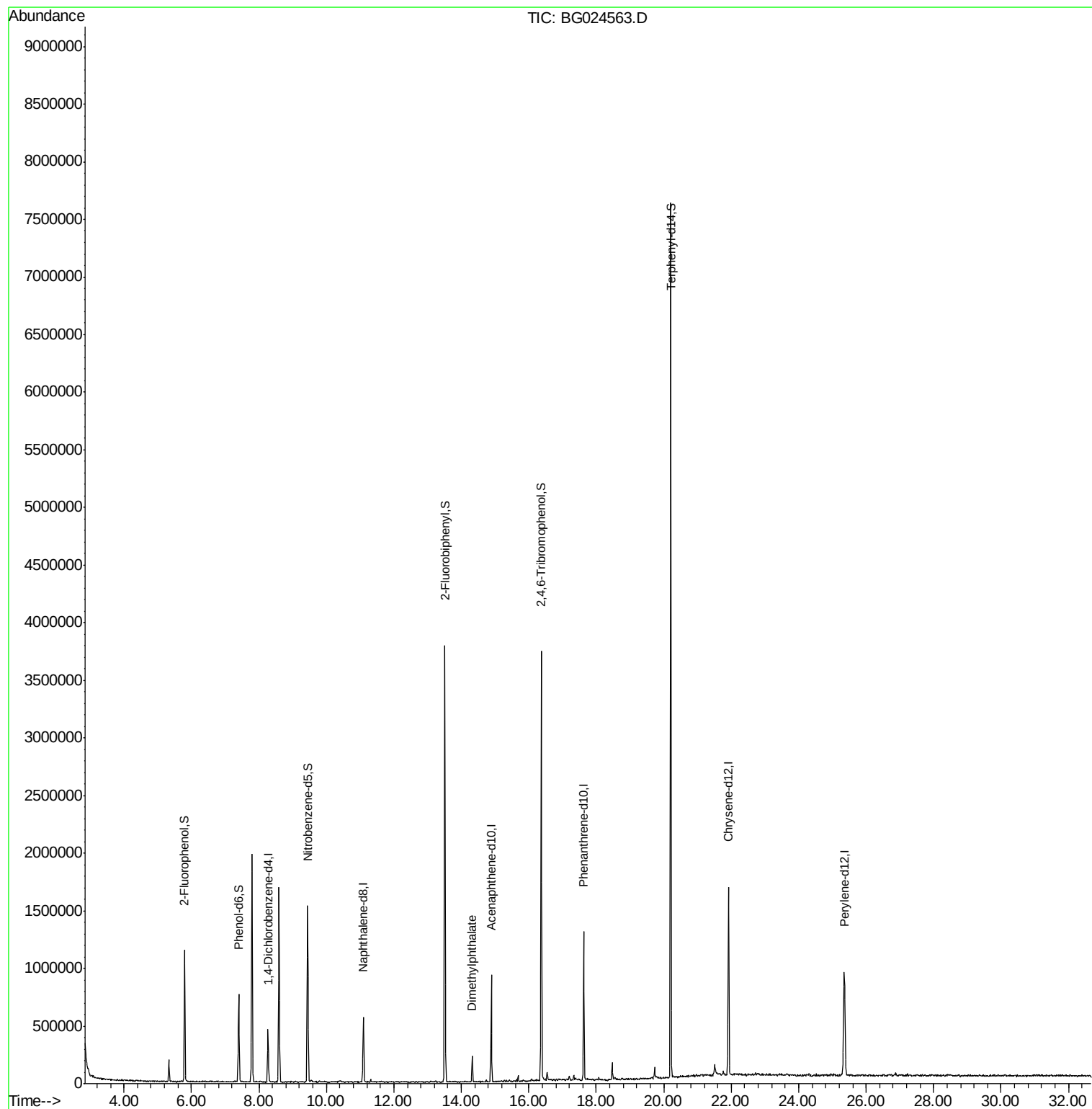
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	116651	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	457883	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	342992	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	781268	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1087701	20.00	ng	0.00
86) Perylene-d12	25.35	264	1135304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	446504	62.74	ng	0.00
7) Phenol-d6	7.40	99	403766	41.36	ng	0.00
23) Nitrobenzene-d5	9.45	82	976873	97.14	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	730837	142.63	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1962768	95.11	ng	0.00
78) Terphenyl-d14	20.21	244	3169890	87.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	141087	5.79	ng	Qvalue 96

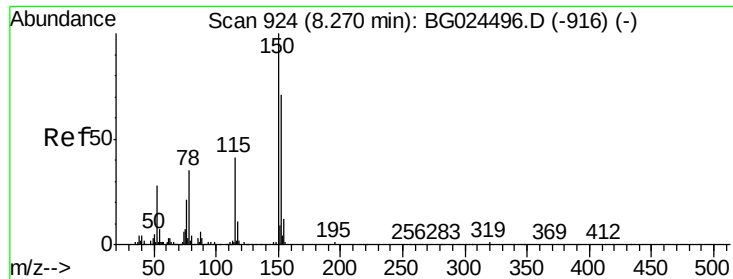
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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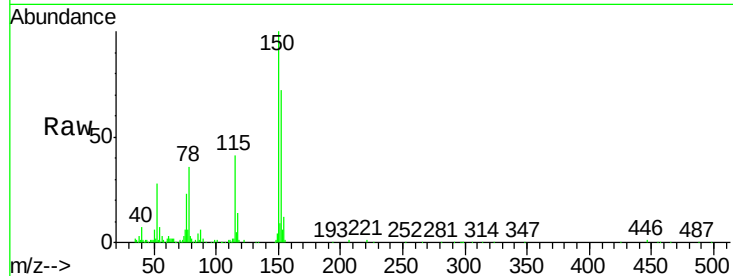


#1

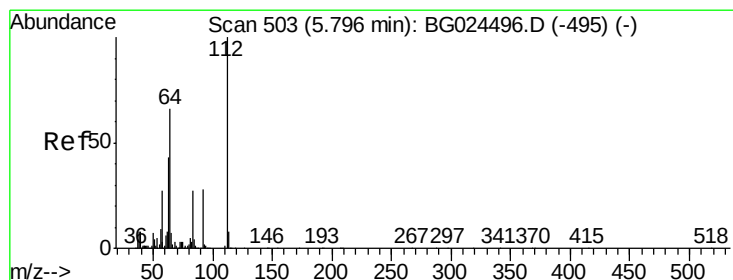
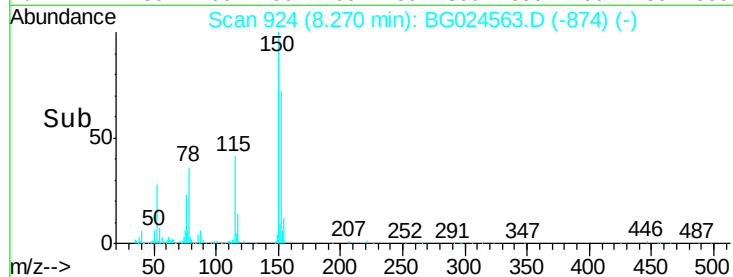
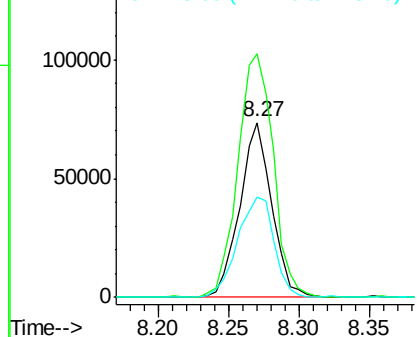
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024563.D
Acq: 31 Oct 2016 19:27

Instrument :
BNA_G
ClientSampleId :
SW-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	139.5	114.0	171.0
115	57.1	48.1	72.1



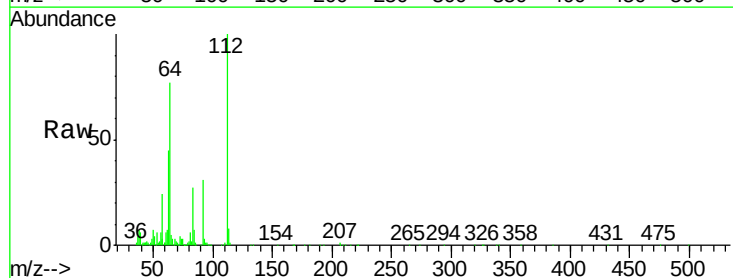
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



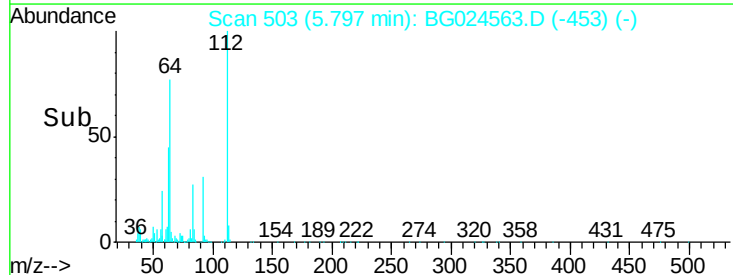
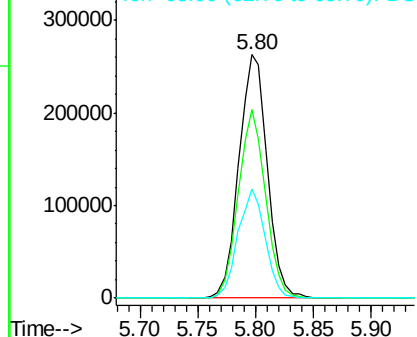
#5

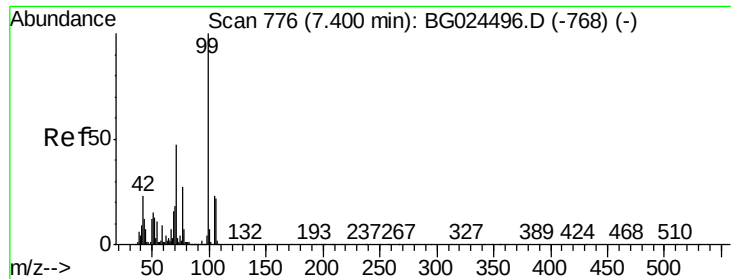
2-Fluorophenol
Concen: 62.74 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG024563.D
Acq: 31 Oct 2016 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.3	61.8	92.6
63	44.6	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: 41.36 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024563.D

Acq: 31 Oct 2016 19:27

Instrument :

BNA_G

ClientSampleId :

SW-4

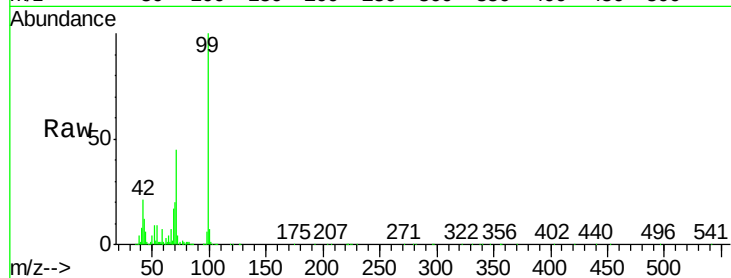
Tgt Ion: 99 Resp: 403766

Ion Ratio Lower Upper

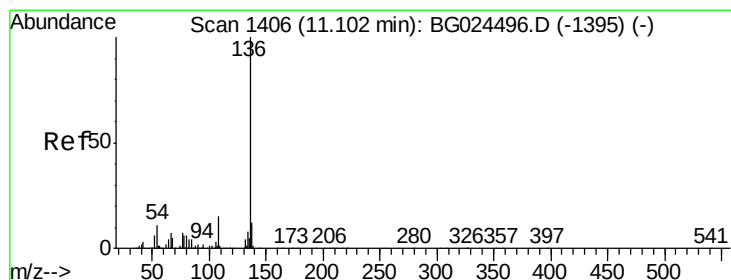
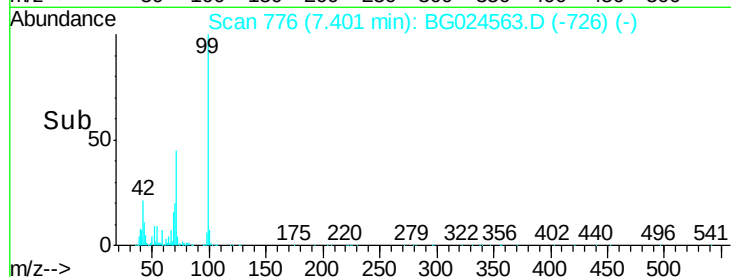
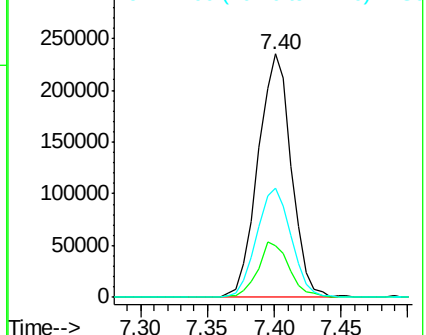
99 100

42 21.4 20.5 30.7

71 44.7 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: BG024563.D

Acq: 31 Oct 2016 19:27

Tgt Ion: 136 Resp: 457883

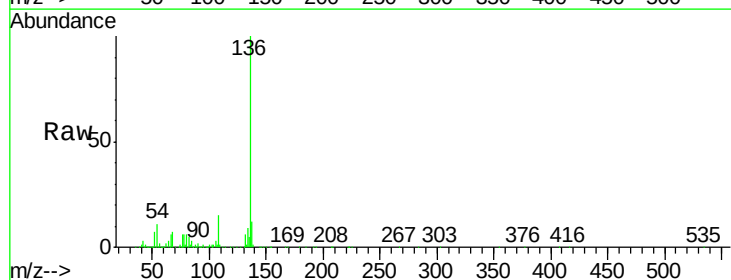
Ion Ratio Lower Upper

136 100

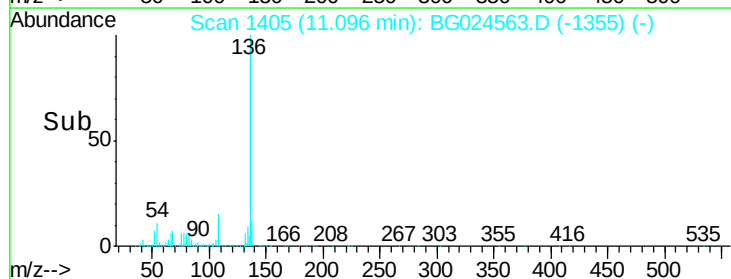
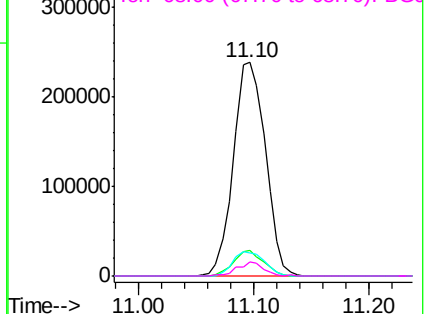
137 12.1 8.9 13.3

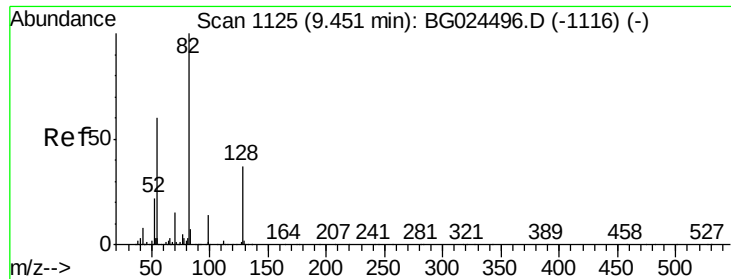
54 11.0 9.3 13.9

68 6.5 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

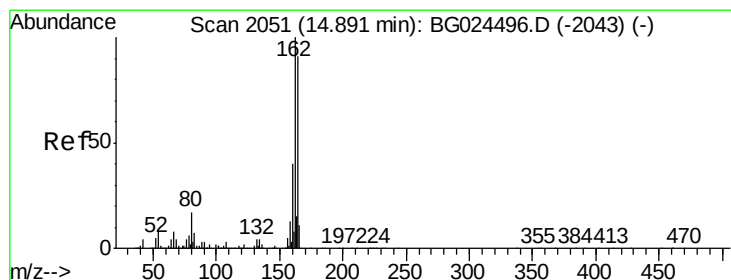
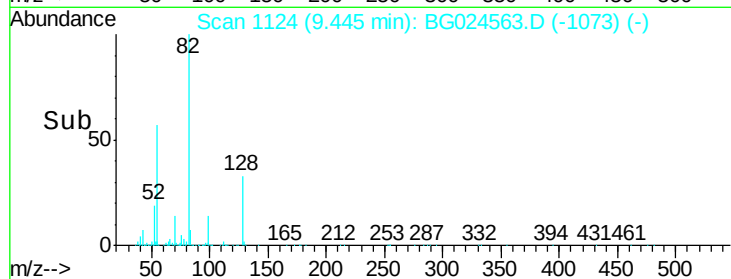
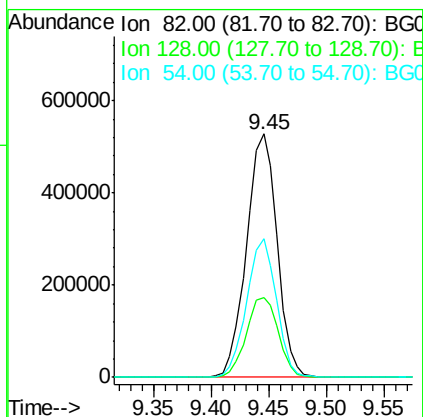
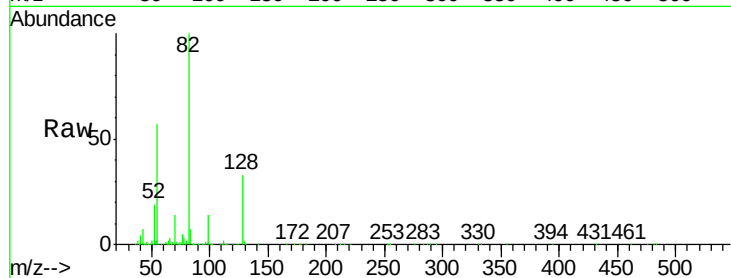




#23
 Nitrobenzene-d5
 Concen: 97.14 ng
 RT: 9.45 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BG024563.D
 Acq: 31 Oct 2016 19:27

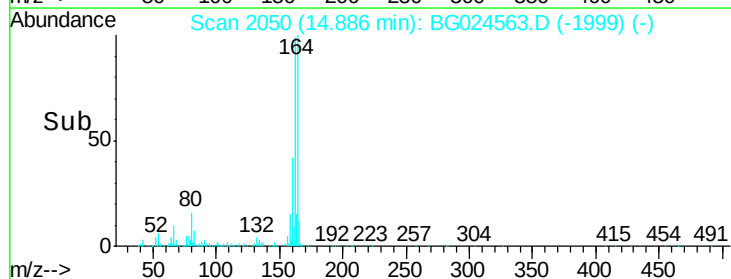
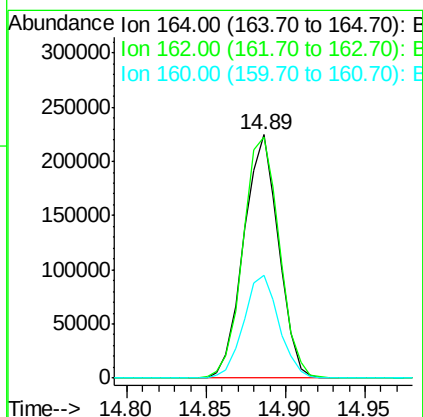
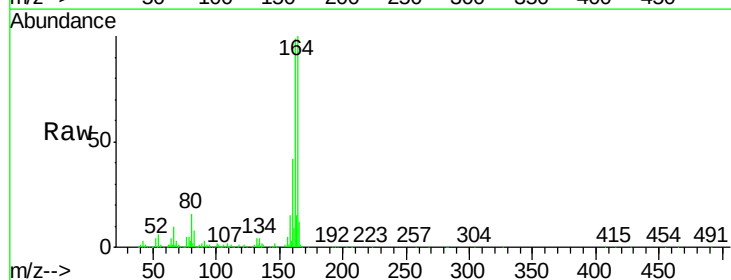
Instrument :
 BNA_G
 ClientSampleId :
 SW-4

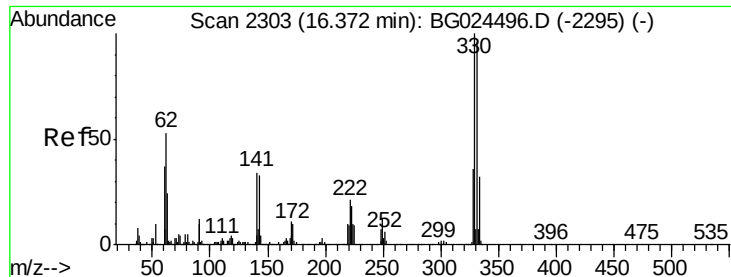
Tgt Ion: 82 Resp: 976873
 Ion Ratio Lower Upper
 82 100
 128 32.8 26.4 39.6
 54 56.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BG024563.D
 Acq: 31 Oct 2016 19:27

Tgt Ion: 164 Resp: 342992
 Ion Ratio Lower Upper
 164 100
 162 99.0 85.1 127.7
 160 42.4 34.7 52.1

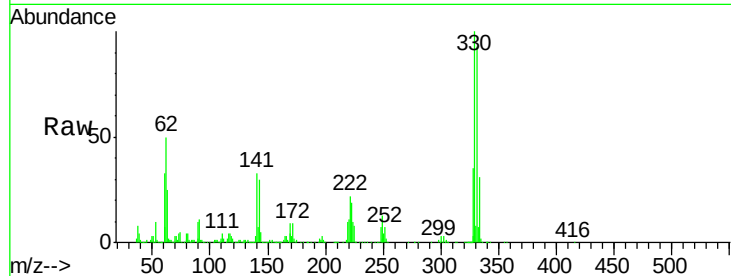




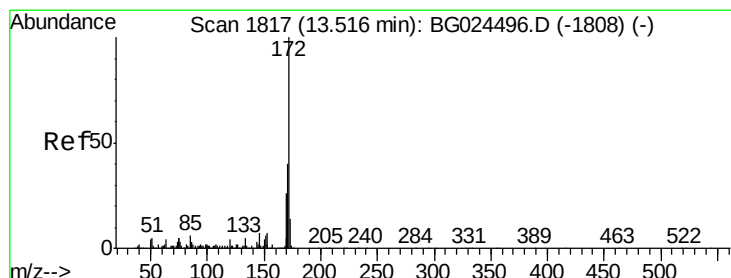
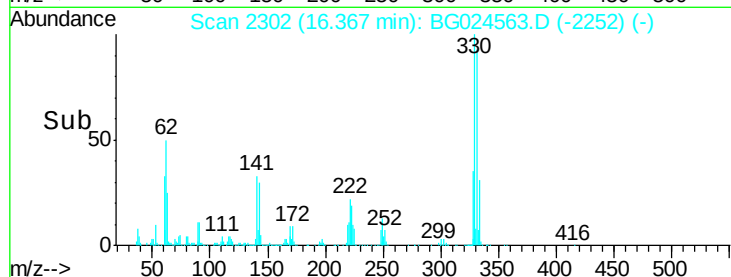
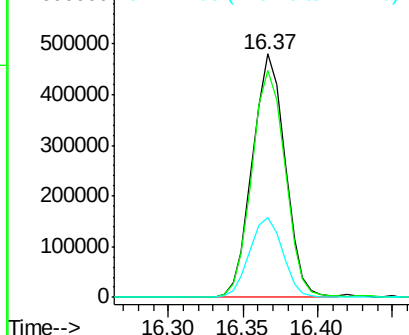
#41
 2,4,6-Tribromophenol
 Concen: 142.63 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024563.D
 Acq: 31 Oct 2016 19:27

Instrument :
 BNA_G
 ClientSampleId :
 SW-4

Tgt Ion:330 Resp: 730837
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 33.1 32.1 48.1

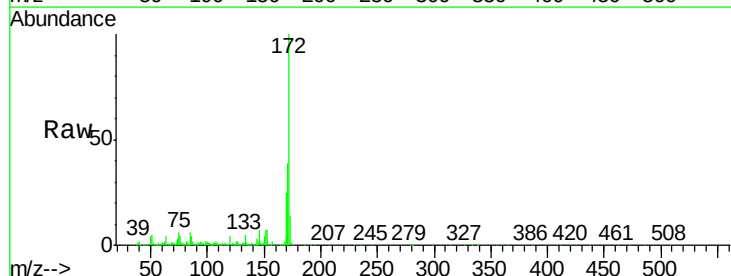


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

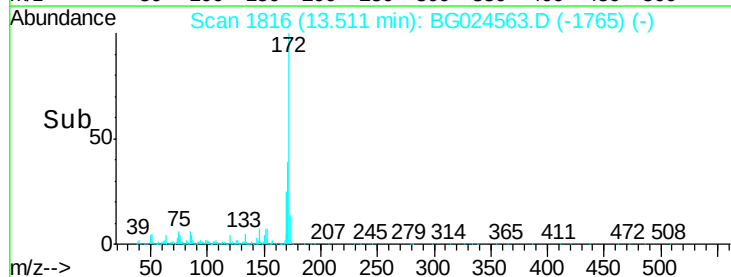
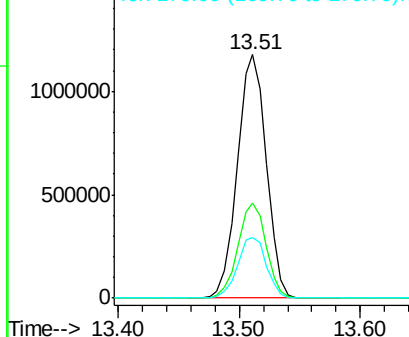


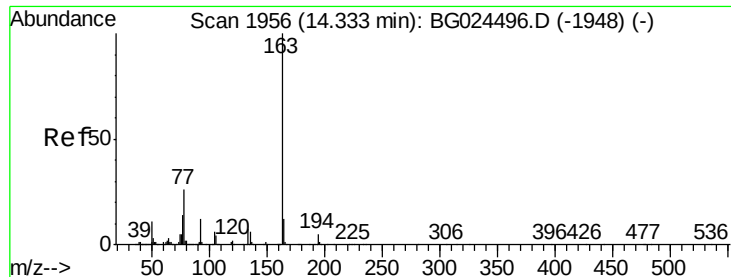
#44
 2-Fluorobiphenyl
 Concen: 95.11 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG024563.D
 Acq: 31 Oct 2016 19:27

Tgt Ion:172 Resp: 1962768
 Ion Ratio Lower Upper
 172 100
 171 39.2 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: 5.79 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024563.D

Acq: 31 Oct 2016 19:27

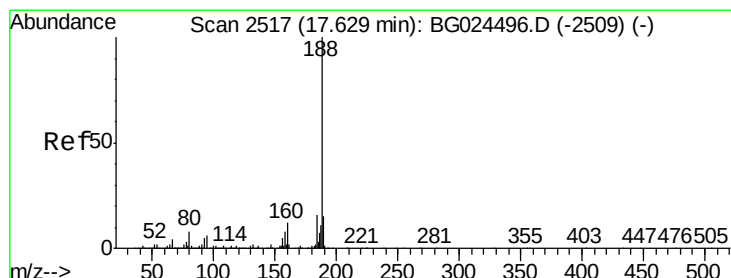
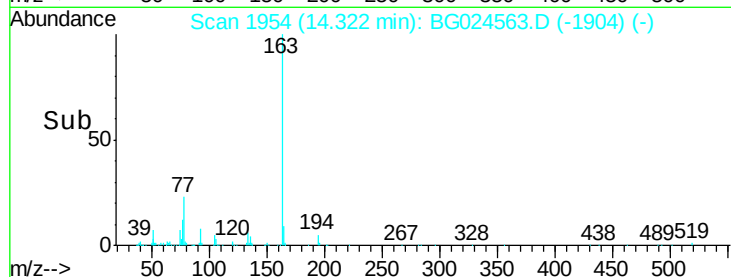
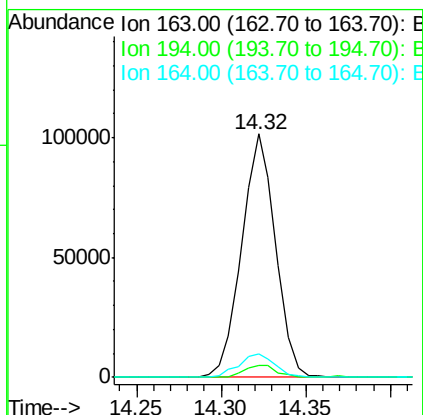
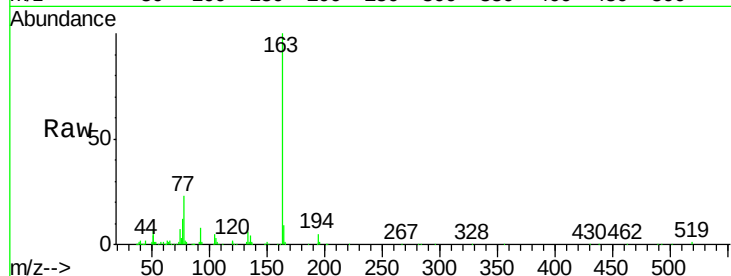
Instrument :

BNA_G

ClientSampleId :

SW-4

Tgt Ion:	163	Resp:	141087
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	9.5	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

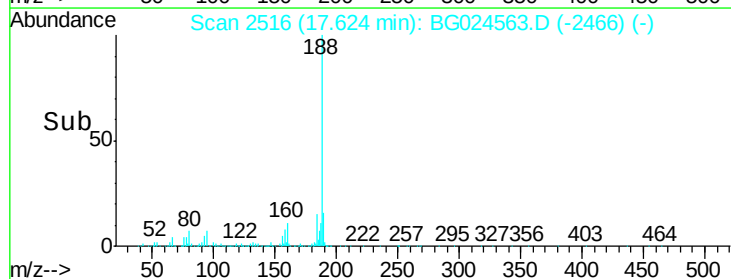
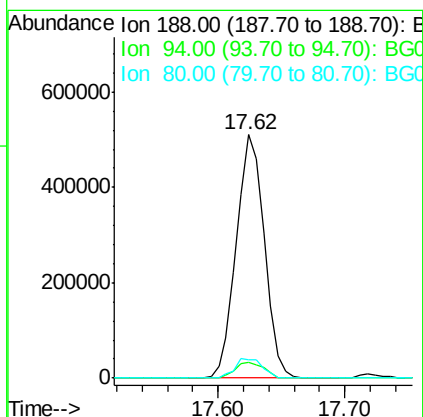
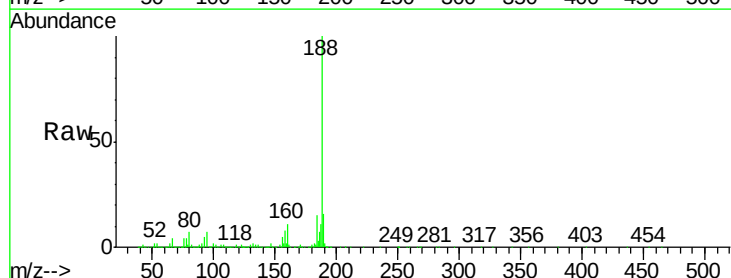
RT: 17.62 min Scan# 2516

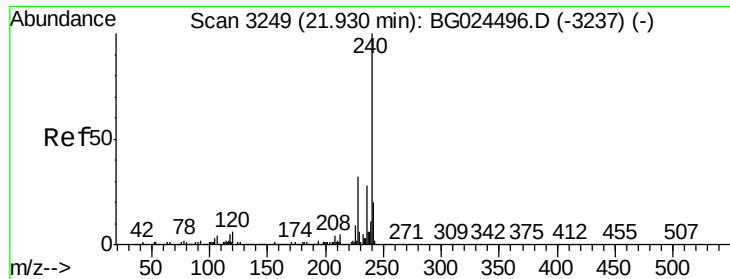
Delta R.T. -0.01 min

Lab File: BG024563.D

Acq: 31 Oct 2016 19:27

Tgt Ion:	188	Resp:	781268
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	7.4	7.5	11.3#

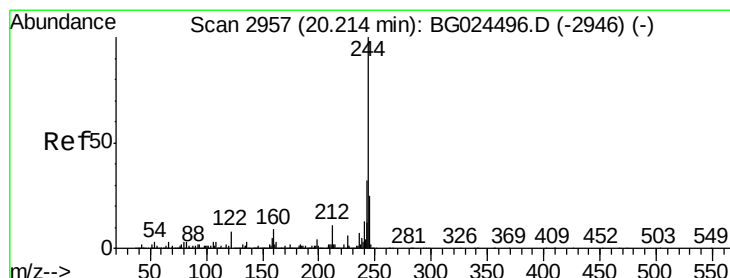
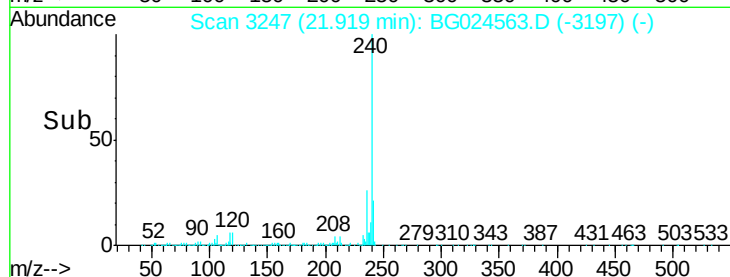
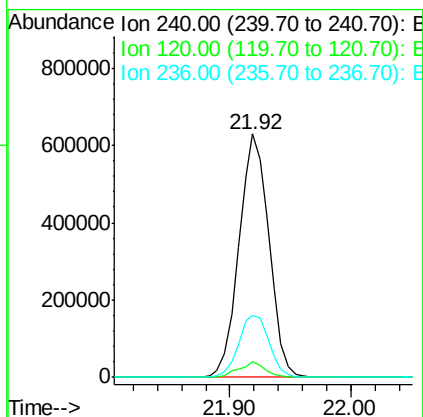
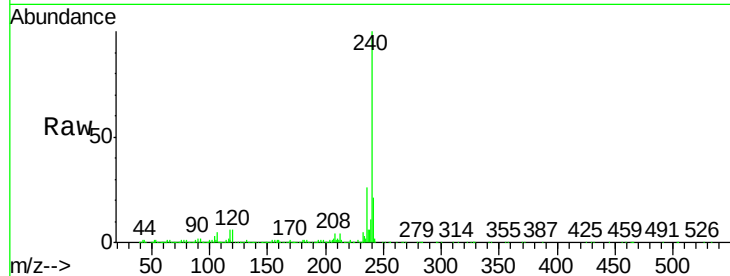




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024563.D
 Acq: 31 Oct 2016 19:27

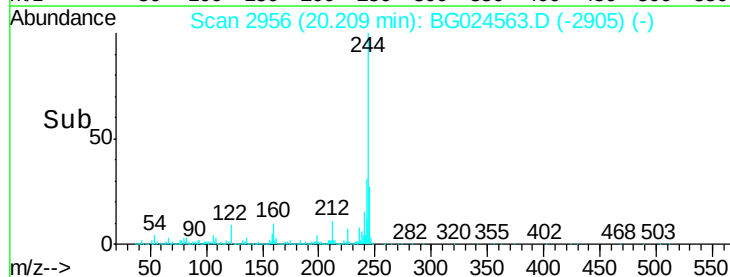
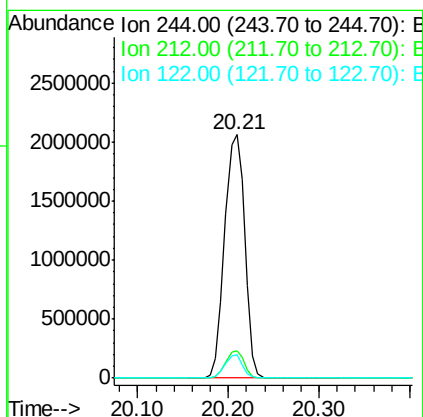
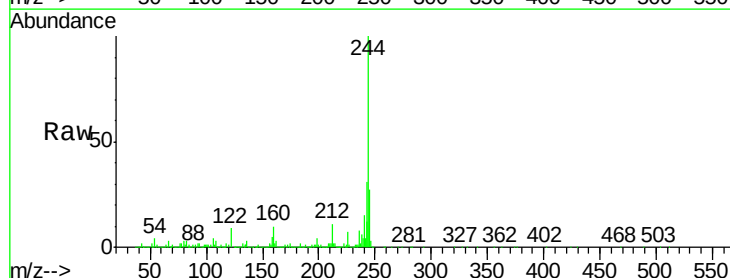
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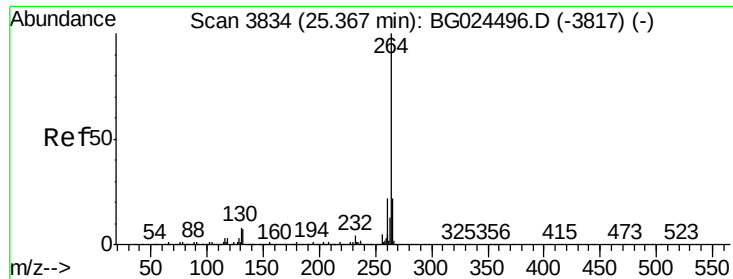
Tgt Ion:240 Resp: 1087701
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.7 8.5
 236 25.5 22.2 33.4



#78
 Terphenyl-d14
 Concen: 87.08 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: BG024563.D
 Acq: 31 Oct 2016 19:27

Tgt Ion:244 Resp: 3169890
 Ion Ratio Lower Upper
 244 100
 212 11.0 10.0 15.0
 122 9.4 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BG024563.D
Acq: 31 Oct 2016 19:27

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 264 Resp: 1135304

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	20.9	18.2	27.4

