

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024552.D
 Acq On : 28 Oct 2016 23:28
 Operator : UM/SJ
 Sample : H5439-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6COMP(0-16FEET)

Quant Time: Oct 29 00:25:11 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

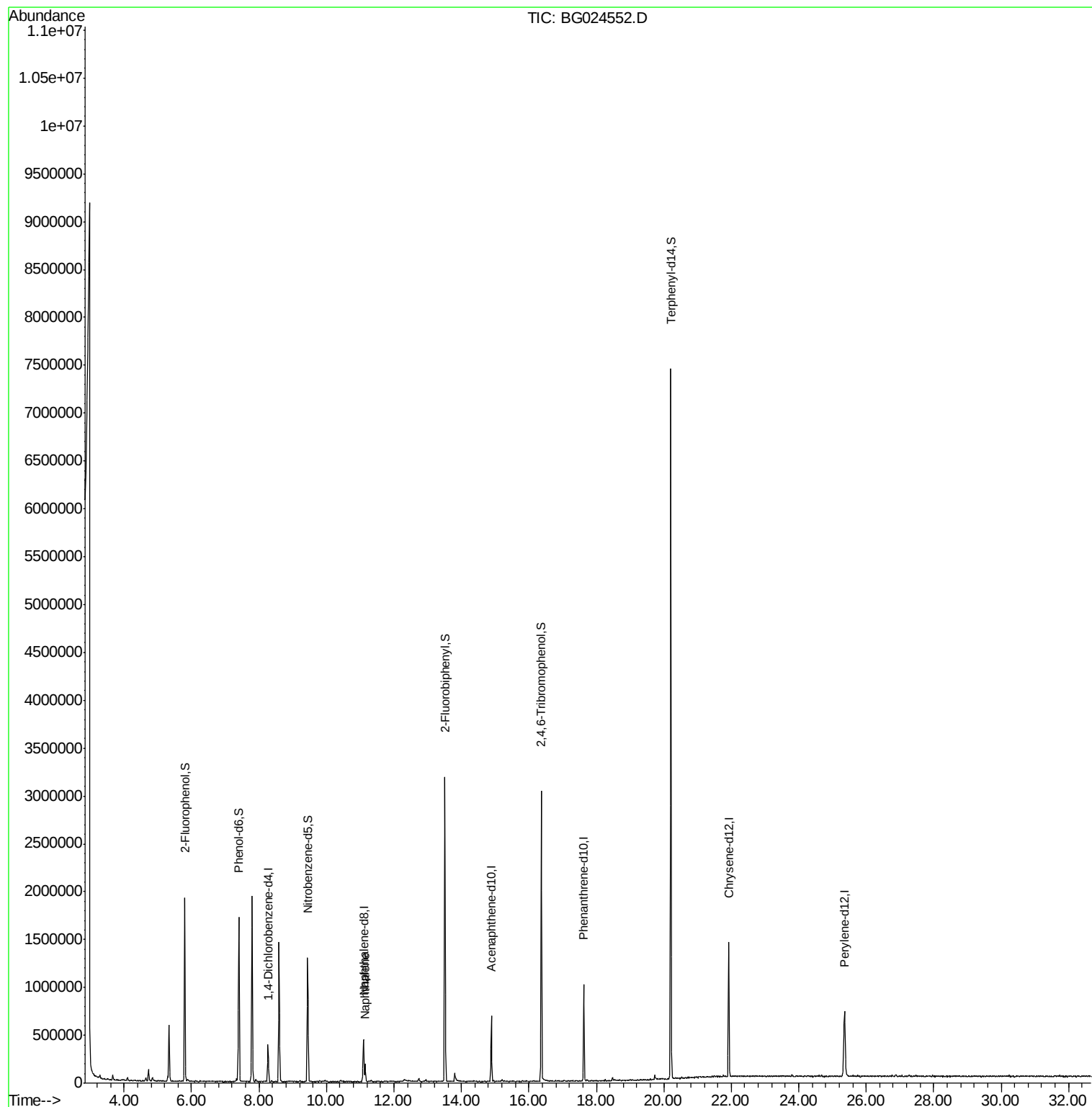
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	97277	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	357540	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	264138	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	616157	20.00	ng	0.00
75) Chrysene-d12	21.92	240	946308	20.00	ng	0.00
86) Perylene-d12	25.35	264	789122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	738146	124.37	ng	0.00
7) Phenol-d6	7.40	99	948343	116.48	ng	0.00
23) Nitrobenzene-d5	9.44	82	797516	101.56	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	591469	149.89	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1588265	99.94	ng	0.00
78) Terphenyl-d14	20.21	244	3028827	95.64	ng	0.00
Target Compounds						
31) Naphthalene	11.15	128	143176	8.03	ng	Qvalue # 96

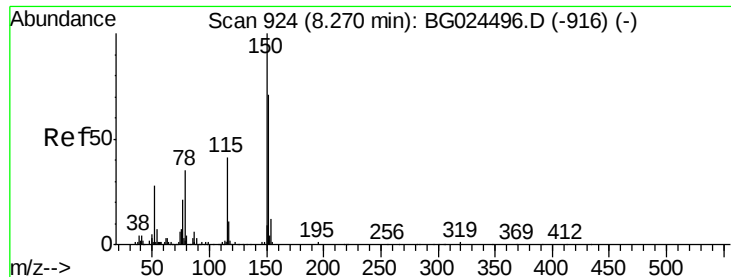
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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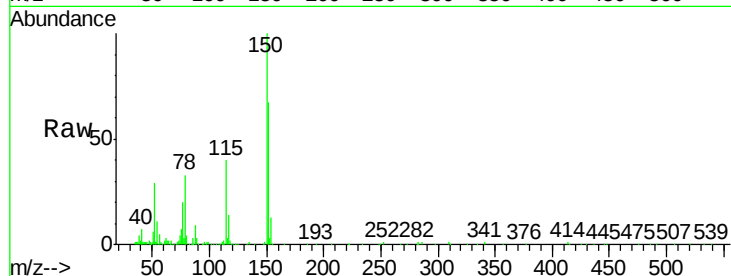


#1

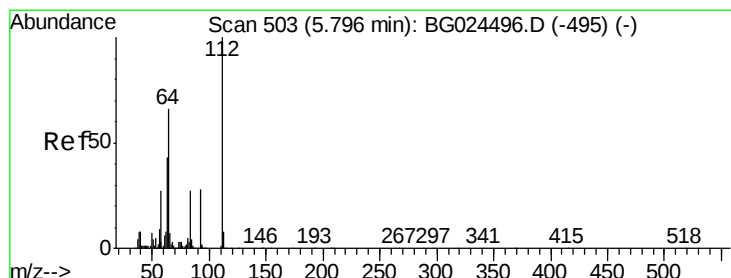
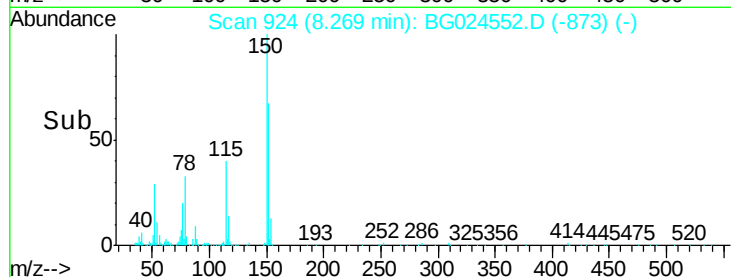
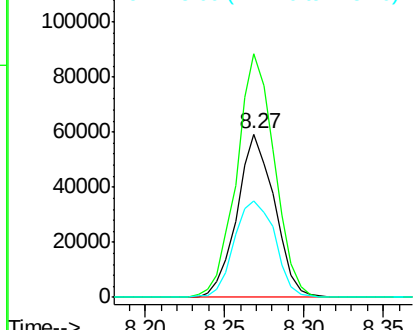
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion:152 Resp: 97277
Ion Ratio Lower Upper
152 100
150 149.0 114.0 171.0
115 58.9 48.1 72.1



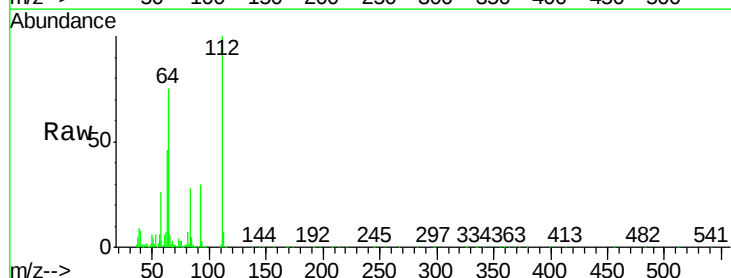
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



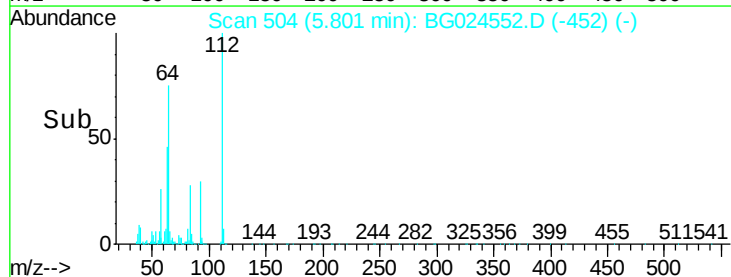
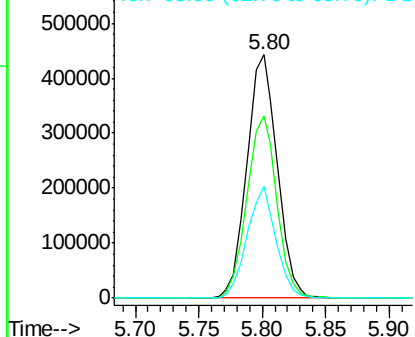
#5

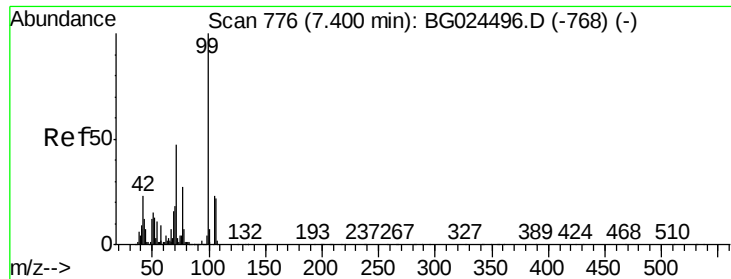
2-Fluorophenol
Concen: 124.37 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:112 Resp: 738146
Ion Ratio Lower Upper
112 100
64 75.0 61.8 92.6
63 45.7 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: 116.48 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024552.D

Acq: 28 Oct 2016 23:28

Instrument :

BNA_G

ClientSampleId :

SB-6COMP(0-16FEET)

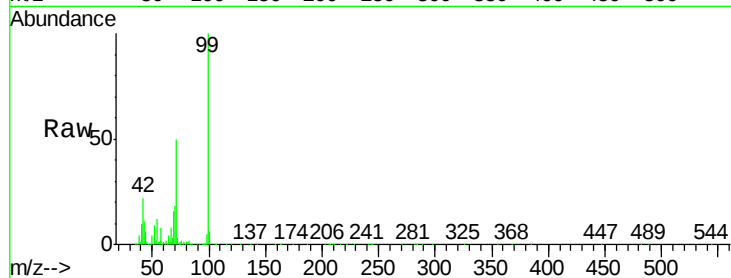
Tgt Ion: 99 Resp: 948343

Ion Ratio Lower Upper

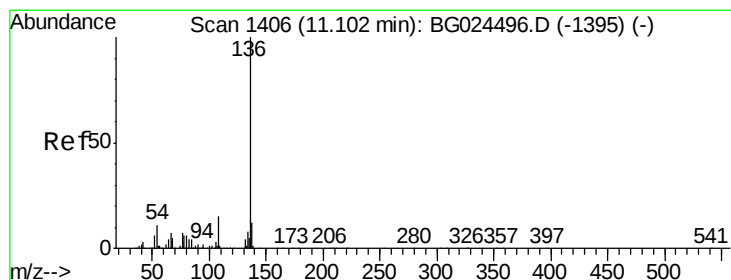
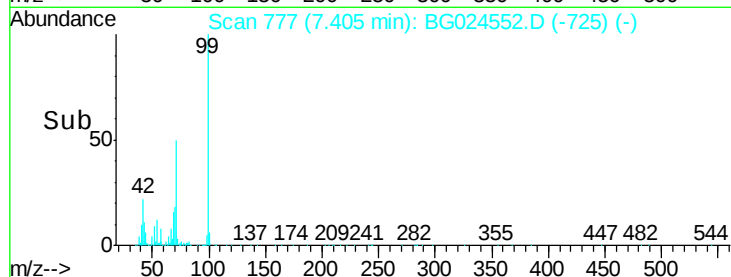
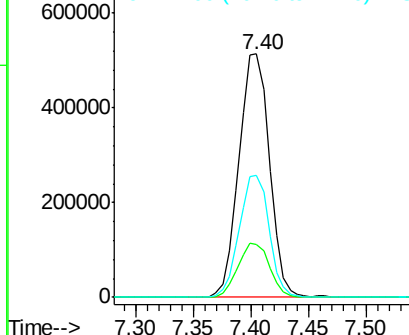
99 100

42 21.9 20.5 30.7

71 50.1 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# 1406

Delta R.T. -0.00 min

Lab File: BG024552.D

Acq: 28 Oct 2016 23:28

Tgt Ion: 136 Resp: 357540

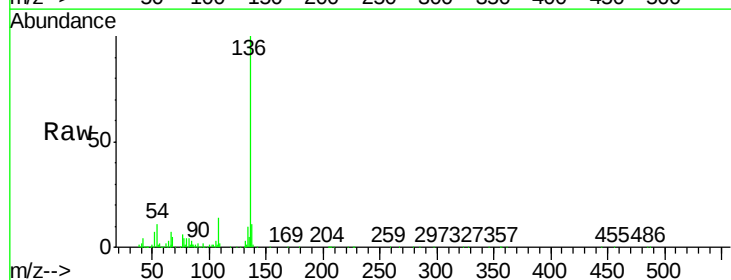
Ion Ratio Lower Upper

136 100

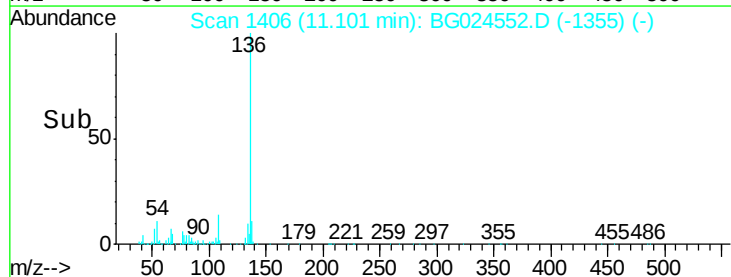
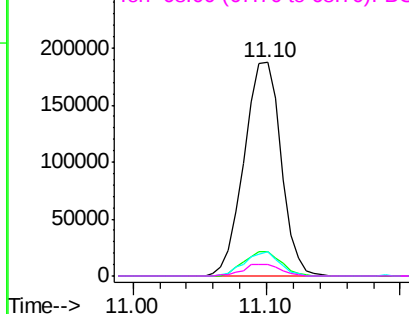
137 11.3 8.9 13.3

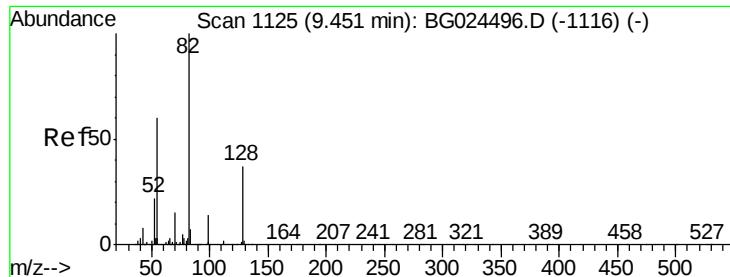
54 11.4 9.3 13.9

68 5.2 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

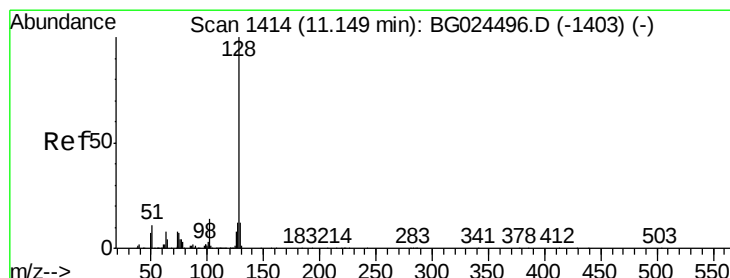
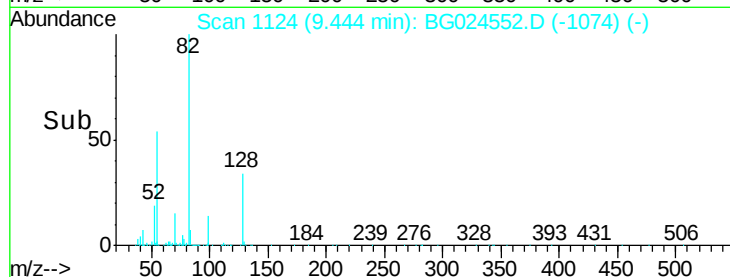
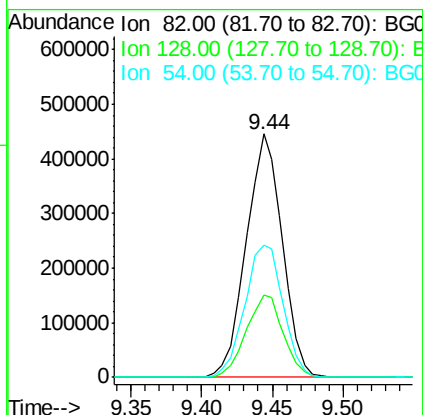
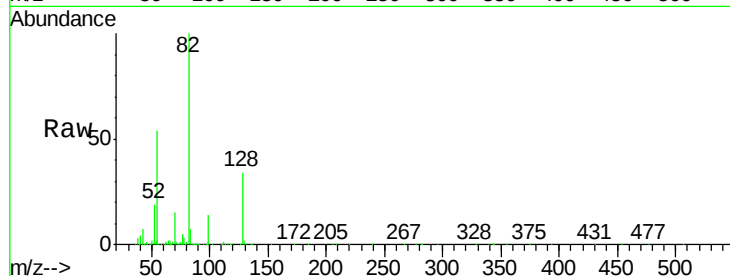




#23
Nitrobenzene-d5
Concen: 101.56 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

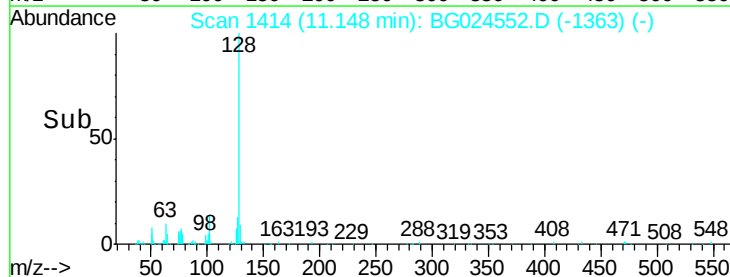
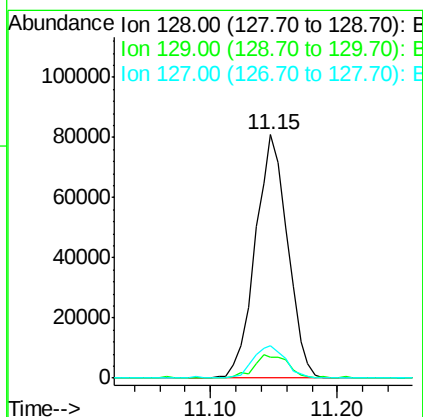
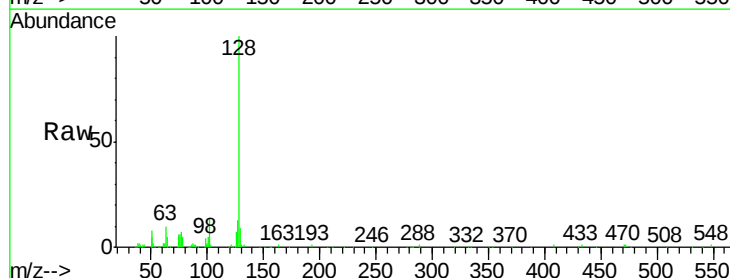
Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

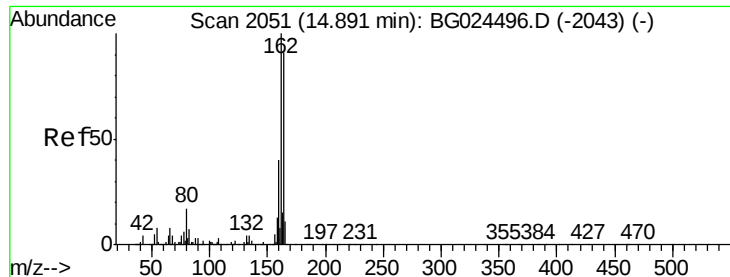
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	26.4	39.6
54	54.1	49.4	74.2



#31
Naphthalene
Concen: 8.03 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.8	9.3	13.9#
127	13.3	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024552.D

Acq: 28 Oct 2016 23:28

Instrument :

BNA_G

ClientSampleId :

SB-6COMP(0-16FEET)

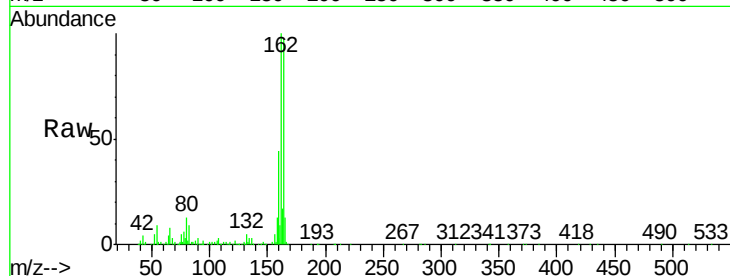
Tgt Ion:164 Resp: 264138

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

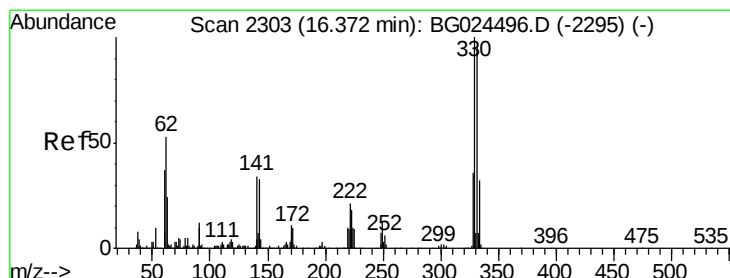
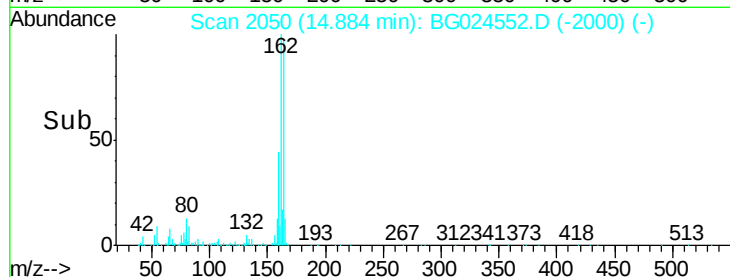
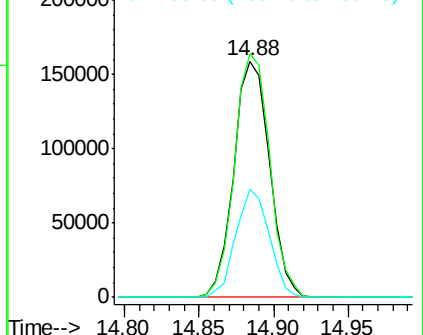
160 45.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 149.89 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024552.D

Acq: 28 Oct 2016 23:28

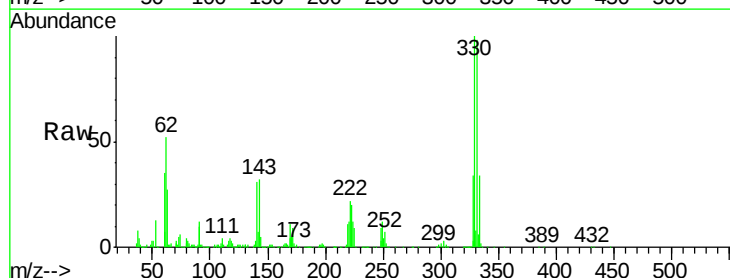
Tgt Ion:330 Resp: 591469

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

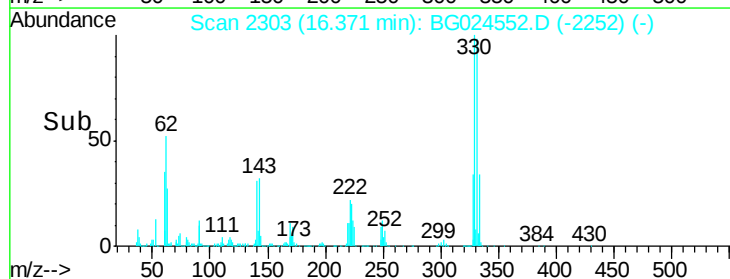
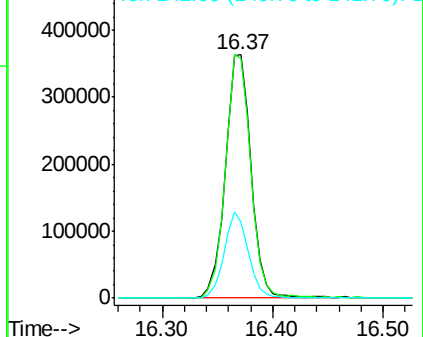
141 33.5 32.1 48.1

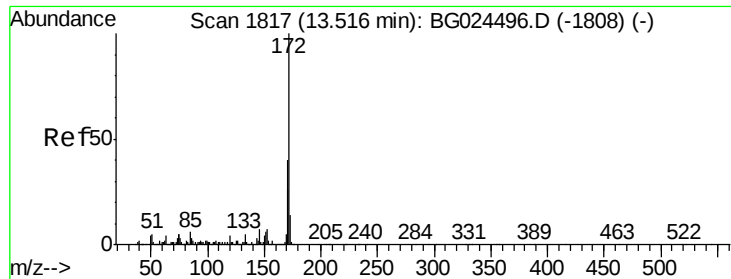


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

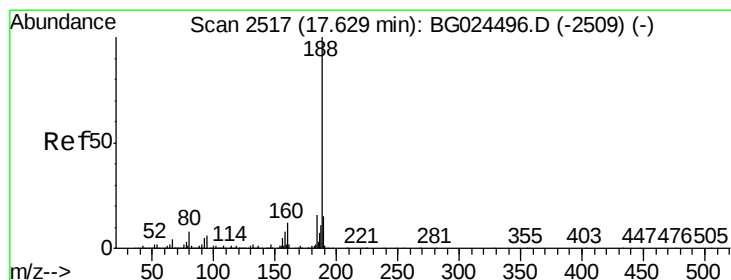
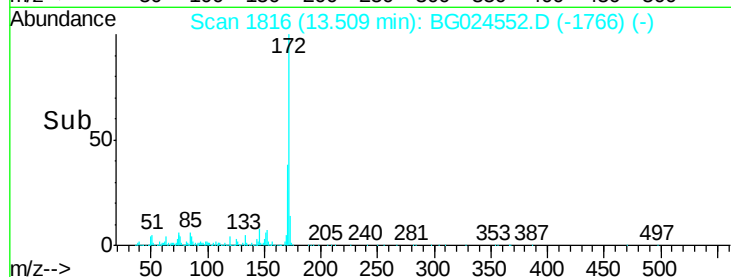
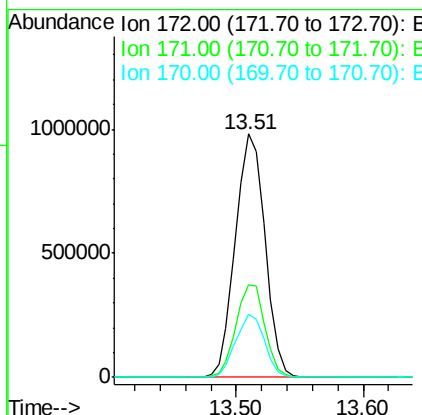
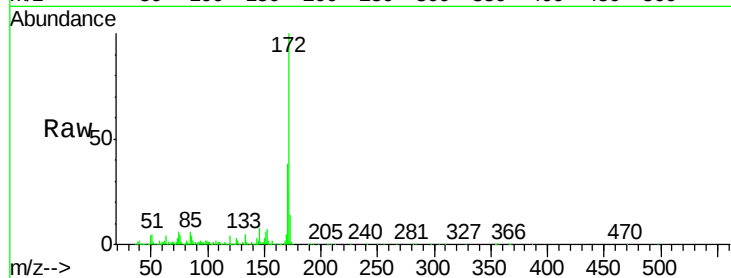




#44
2-Fluorobiphenyl
Concen: 99.94 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

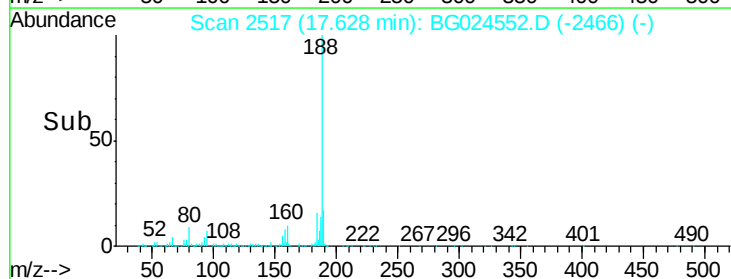
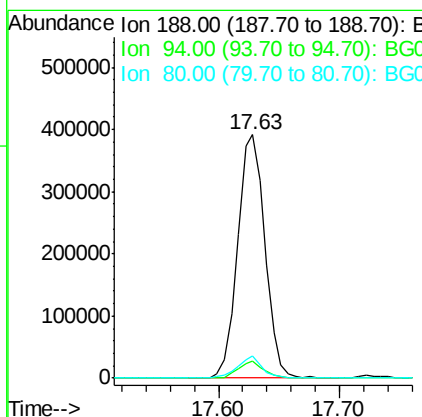
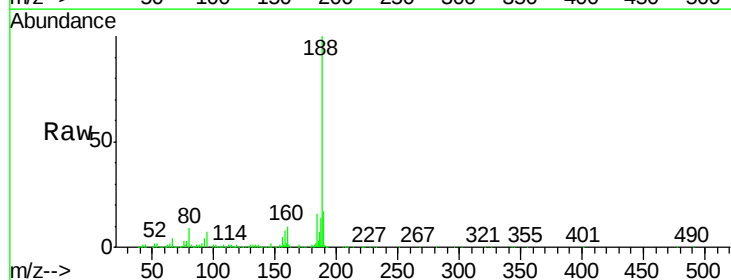
Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

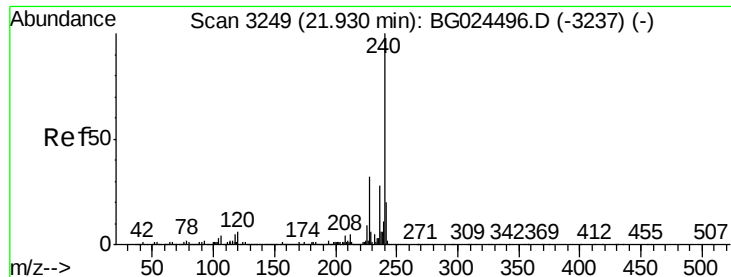
Tgt Ion:172 Resp: 1588265
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 25.7 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:188 Resp: 616157
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 9.0 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: BG024552.D

Acq: 28 Oct 2016 23:28

Instrument :

BNA_G

ClientSampleId :

SB-6COMP(0-16FEET)

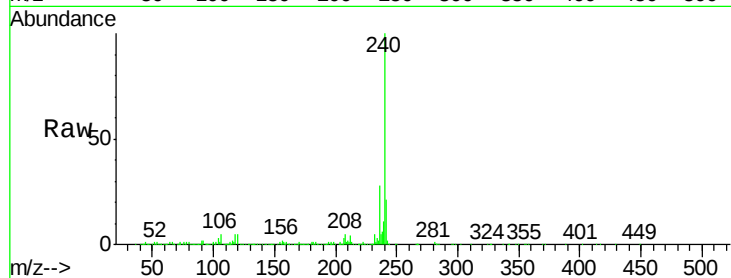
Tgt Ion:240 Resp: 946308

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

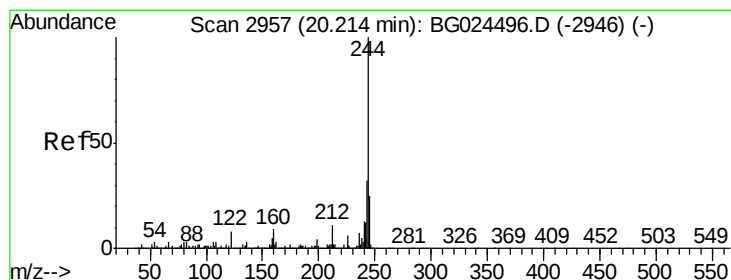
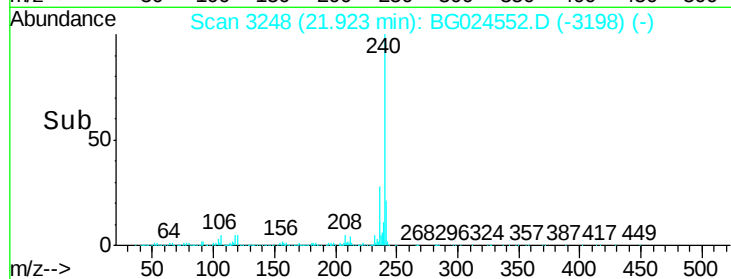
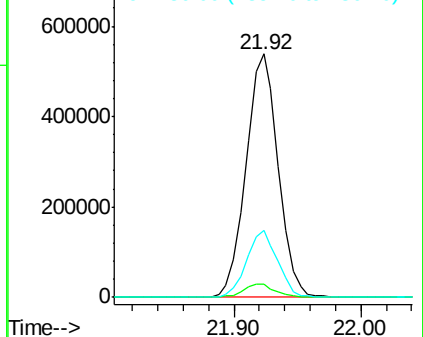
236 27.6 22.2 33.4



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: 95.64 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024552.D

Acq: 28 Oct 2016 23:28

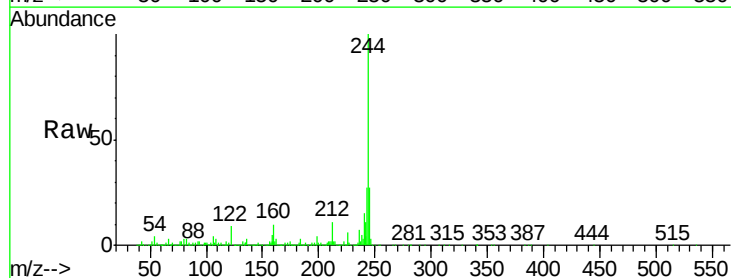
Tgt Ion:244 Resp: 3028827

Ion Ratio Lower Upper

244 100

212 11.1 10.0 15.0

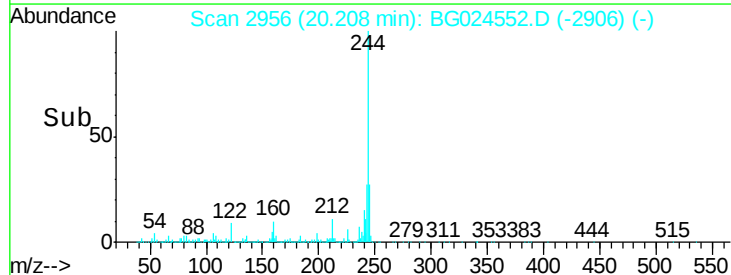
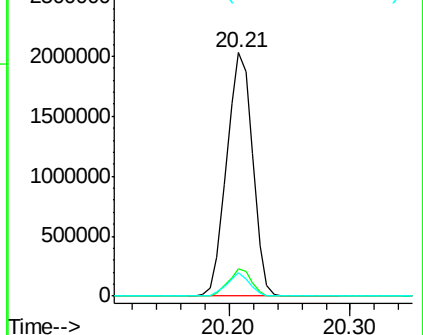
122 9.5 8.6 12.8

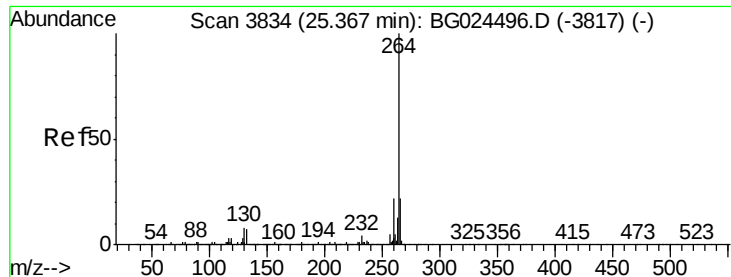


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion:	264	Resp:	789122
Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.7	18.2	27.4

