

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024728.D
 Acq On : 7 Nov 2016 14:37
 Operator : UM/SJ
 Sample : H5531-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0014DL

Quant Time: Nov 07 16:39:59 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

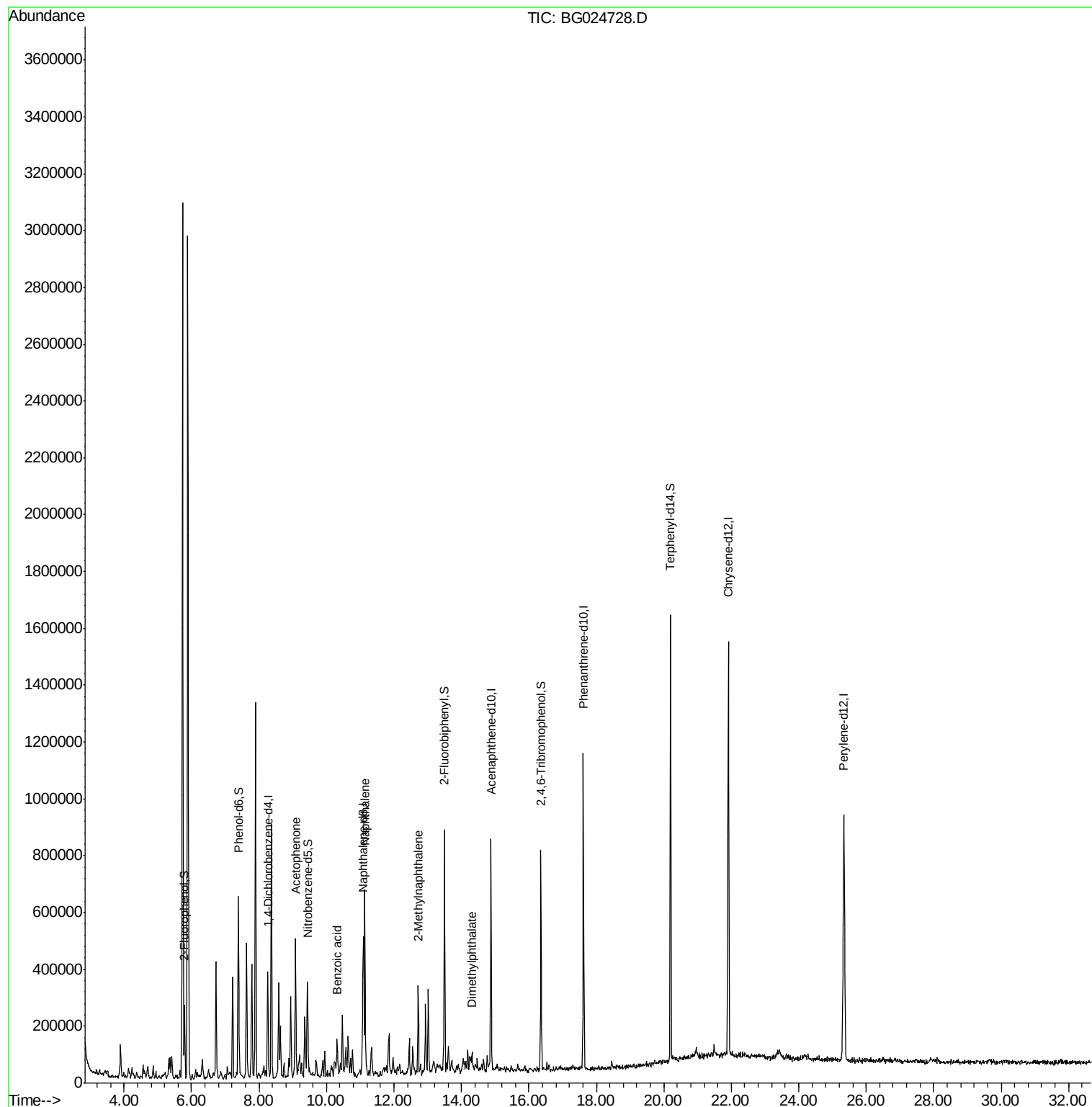
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	102002	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	385896	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	298520	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	687461	20.00	ng	-0.01
75) Chrysene-d12	21.91	240	1006225	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1048924	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	105222	16.91	ng	0.00
7) Phenol-d6	7.40	99	100627	11.79	ng	0.00
23) Nitrobenzene-d5	9.43	82	179399	21.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	158741	35.59	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	420197	23.40	ng	-0.01
78) Terphenyl-d14	20.20	244	723757	21.49	ng	-0.02
Target Compounds						
22) Acetophenone	9.09	105	294481	29.71	ng	# 90
31) Naphthalene	11.14	128	517559	26.89	ng	98
32) Benzoic acid	10.32	122	33666	6.60	ng	95
37) 2-Methylnaphthalene	12.72	142	134960	9.61	ng	93
49) Dimethylphthalate	14.31	163	43597	2.06	ng	# 96

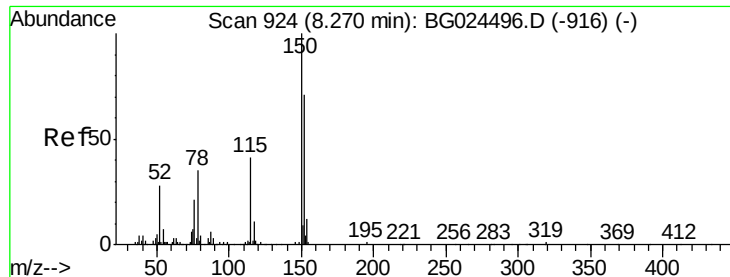
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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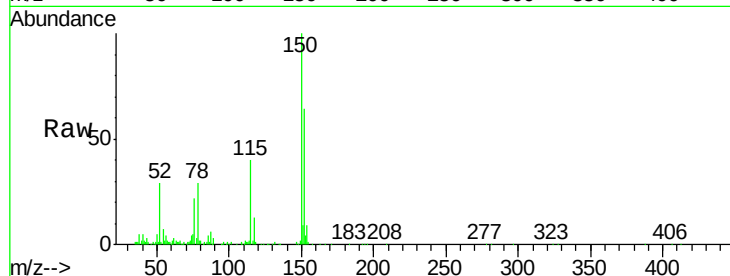


#1

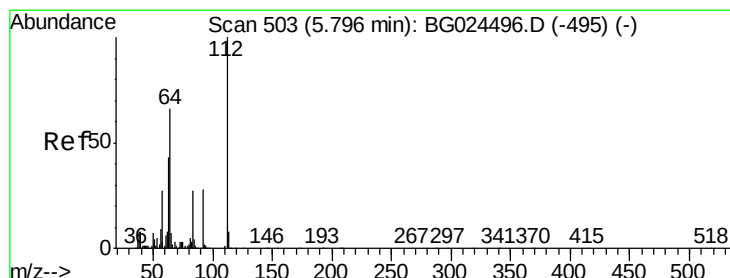
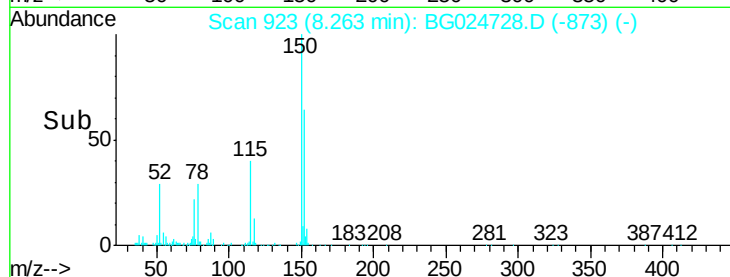
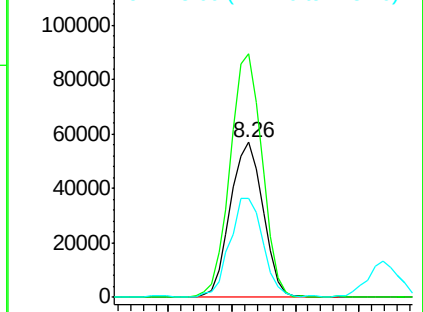
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

Instrument :
BNA_G
ClientSampleId :
S22-0014DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	114.0	171.0
115	63.6	48.1	72.1



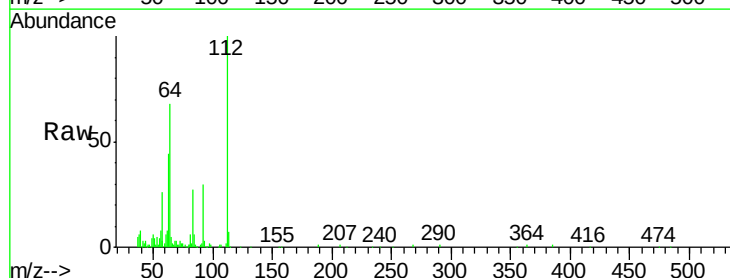
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



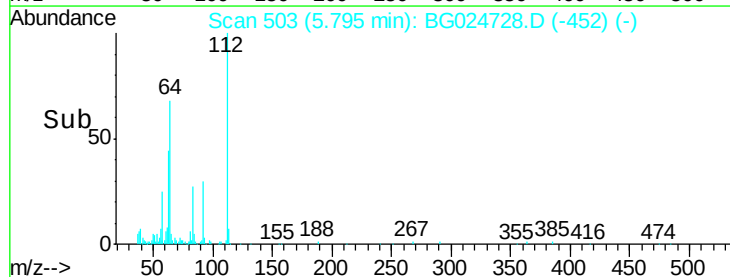
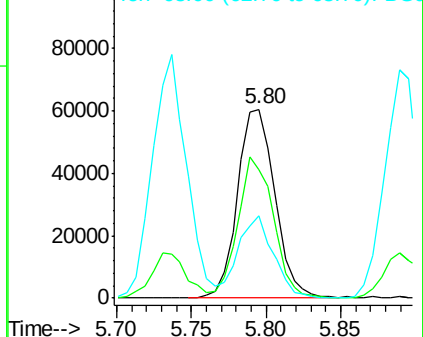
#5

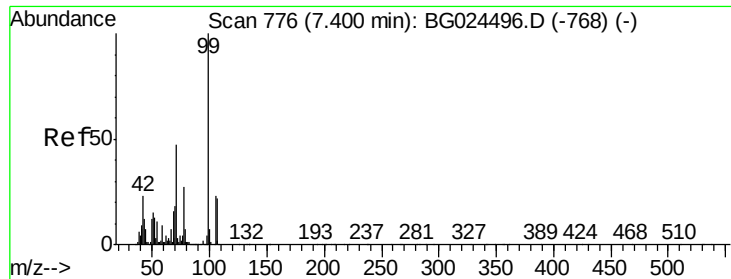
2-Fluorophenol
Concen: 16.91 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	61.8	92.6
63	43.9	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: 11.79 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

Instrument :

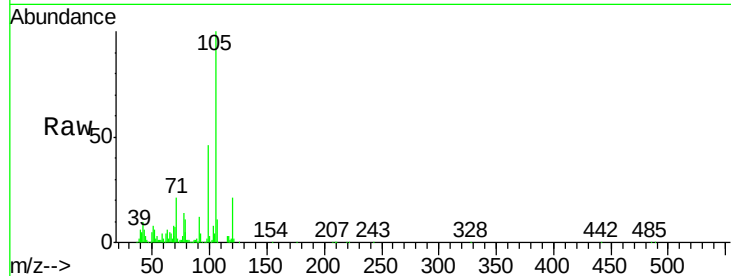
BNA_G

ClientSampleId :

S22-0014DL

Tot Ion: 99 Resp: 100627

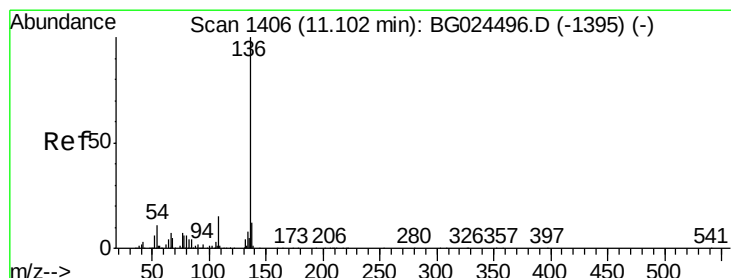
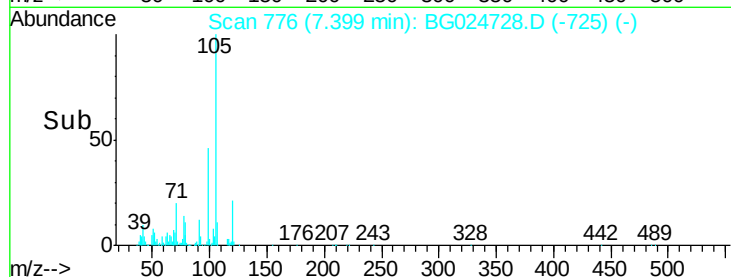
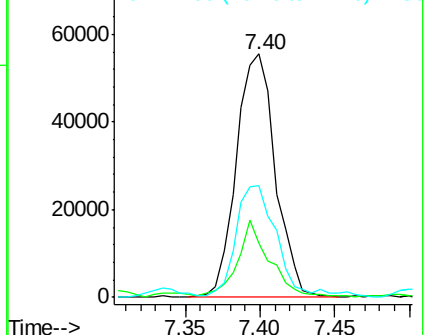
Ion	Ratio	Lower	Upper
99	100		
42	22.5	20.5	30.7
71	45.8	37.6	56.4



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# 1404

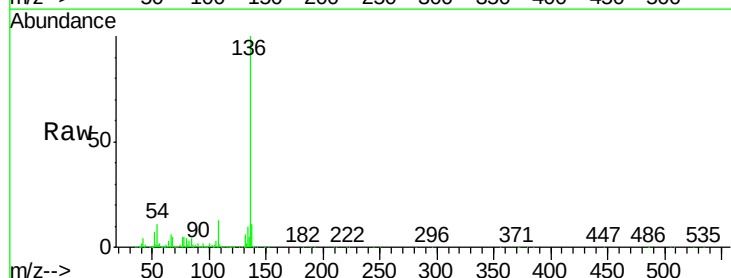
Delta R.T. -0.01 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

Tgt Ion: 136 Resp: 385896

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.2	9.3	13.9
68	5.0	5.1	7.7#

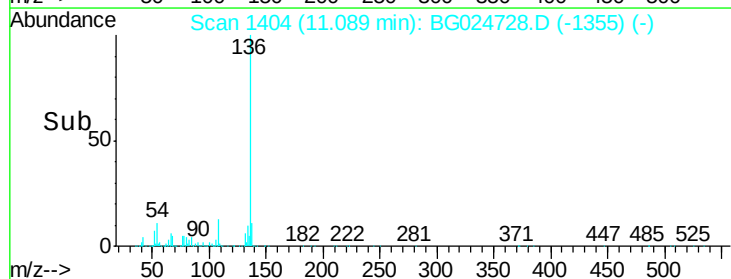
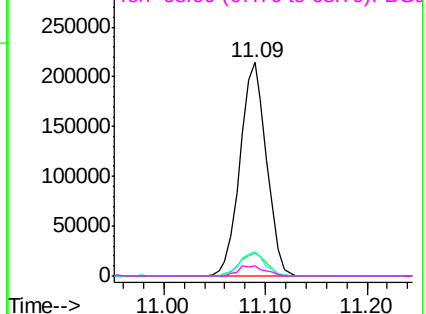


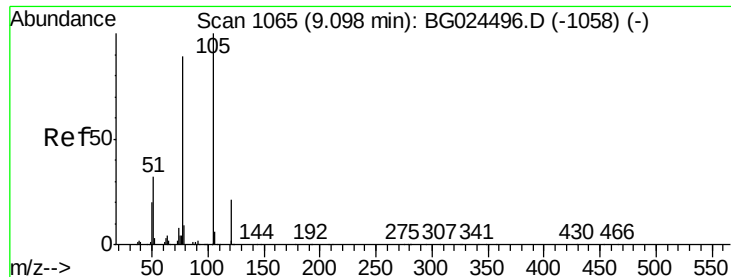
Abundance Ion 136.00 (135.70 to 136.70): BGC

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





#22

Acetophenone

Concen: 29.71 ng

RT: 9.09 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

Instrument :

BNA_G

ClientSampleId :

S22-0014DL

Tot Ion:105 Resp: 294481

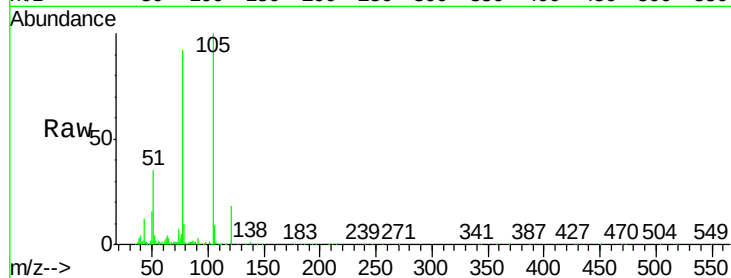
Ion Ratio Lower Upper

105 100

71 0.5 0.9 1.3#

51 35.2 34.0 51.0

120 17.8 17.3 25.9

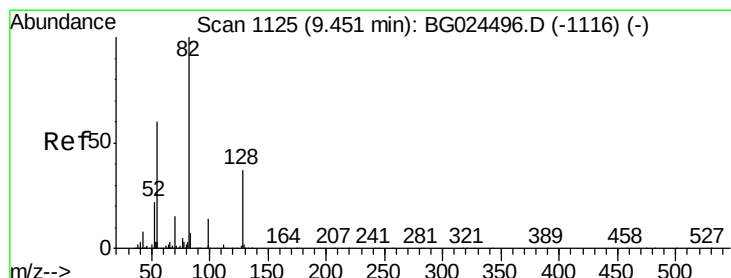
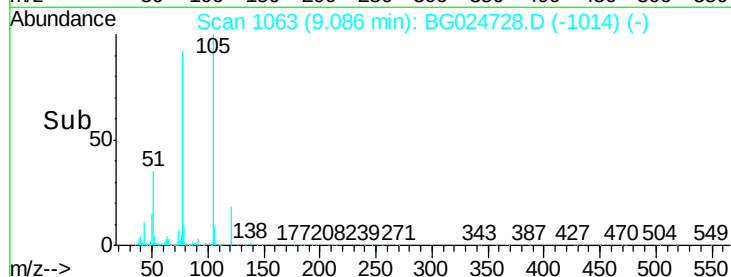
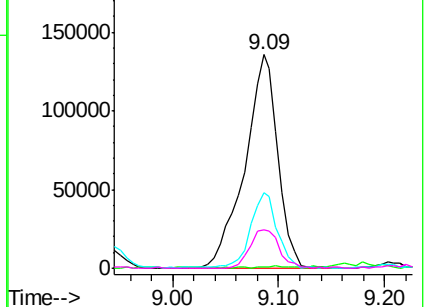


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 21.17 ng

RT: 9.43 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

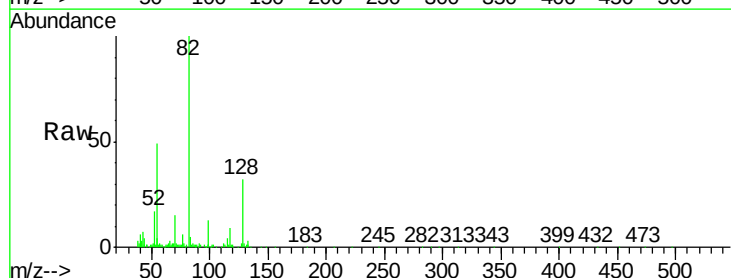
Tgt Ion: 82 Resp: 179399

Ion Ratio Lower Upper

82 100

128 32.3 26.4 39.6

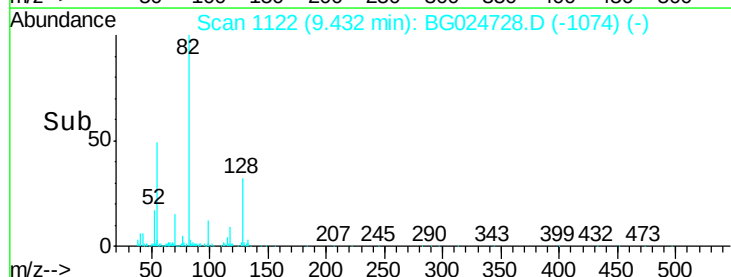
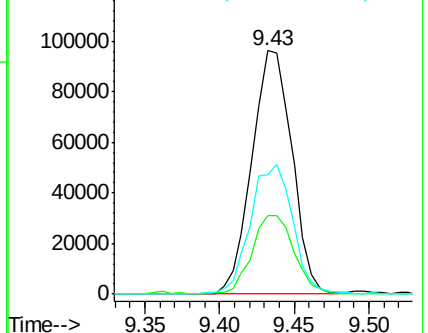
54 49.2 49.4 74.2#

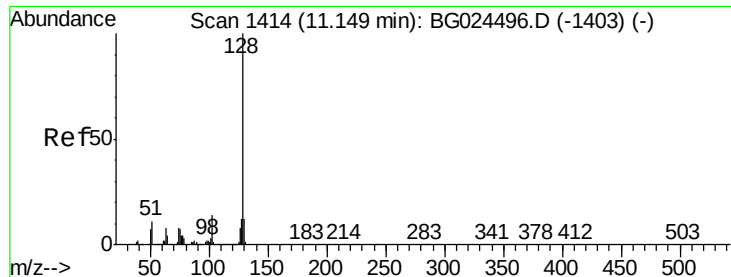


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

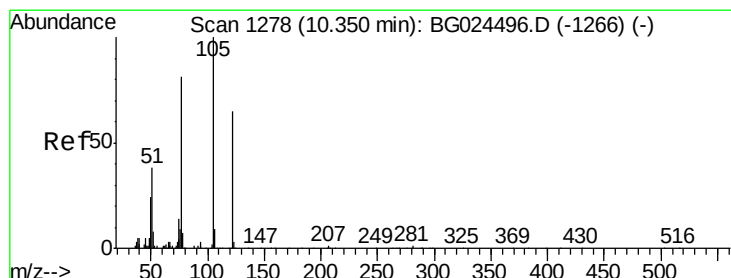
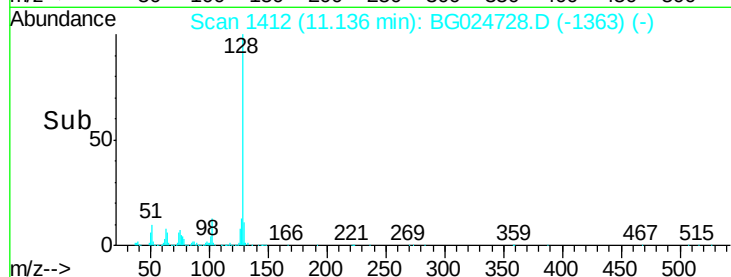
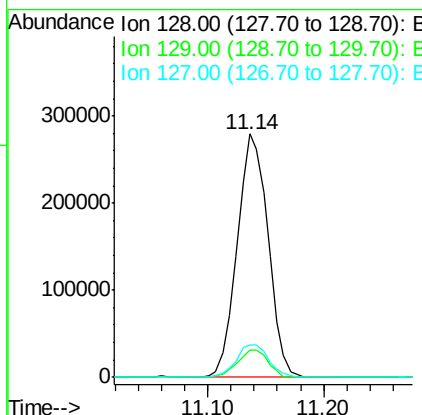
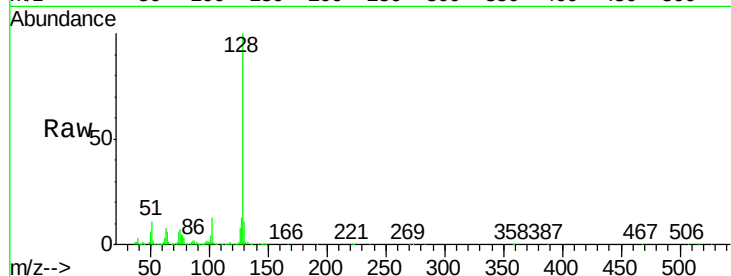




#31
Naphthalene
Concen: 26.89 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

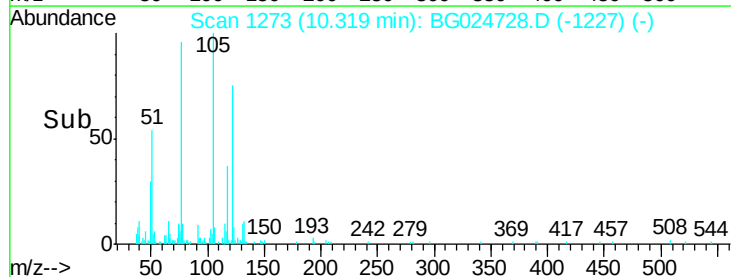
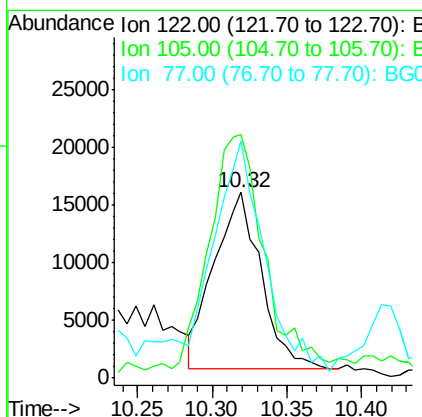
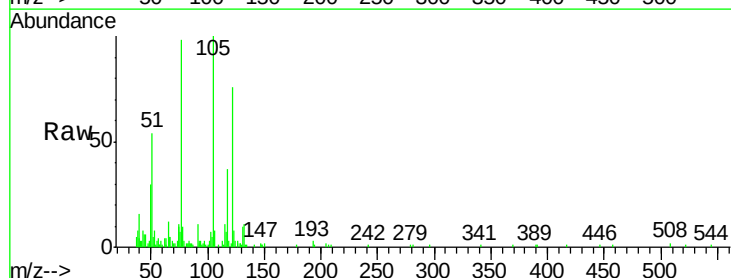
Instrument :
BNA_G
ClientSampleId :
S22-0014DL

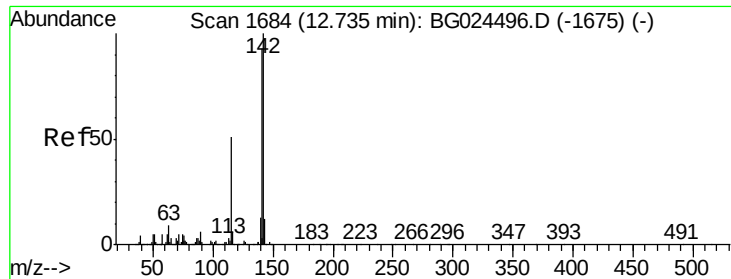
Tot Ion:128 Resp: 517559
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.1 11.4 17.0



#32
Benzoic acid
Concen: 6.60 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

Tgt Ion:122 Resp: 33666
Ion Ratio Lower Upper
122 100
105 131.1 120.1 160.1
77 128.0 104.6 144.6

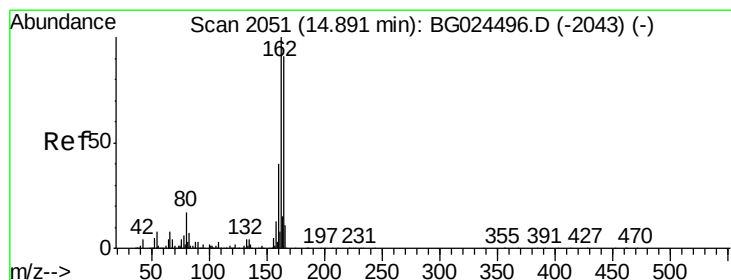
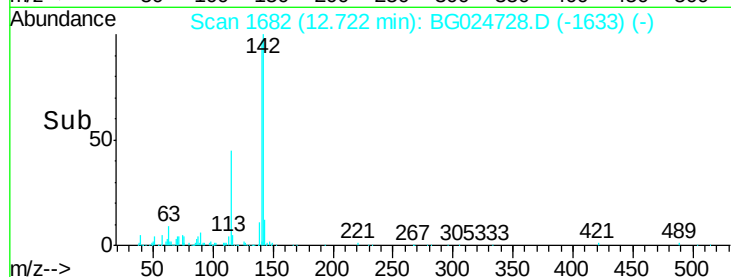
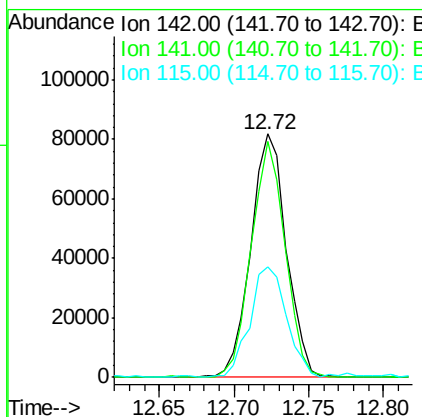
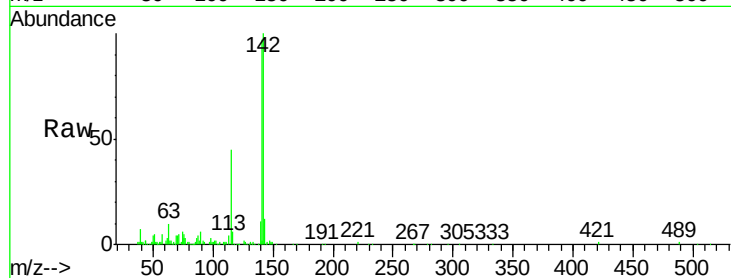




#37
2-Methylnaphthalene
Concen: 9.61 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

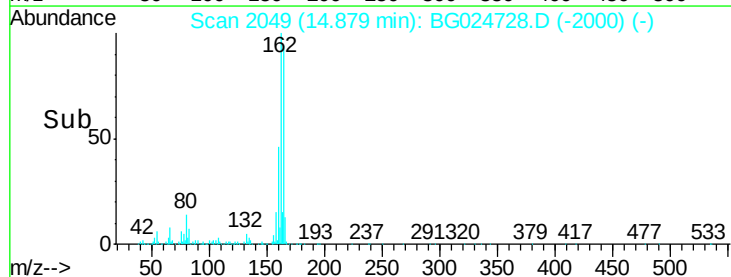
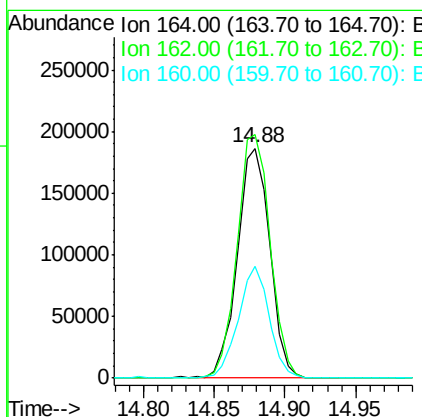
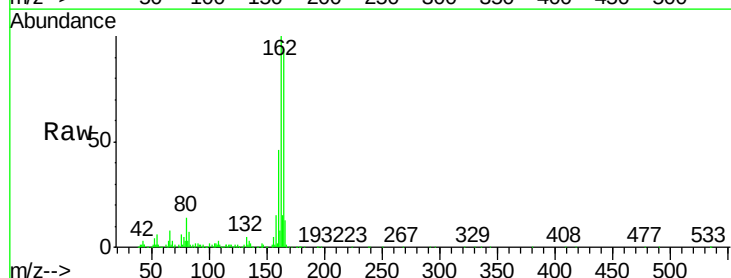
Instrument :
BNA_G
ClientSampleID :
S22-0014DL

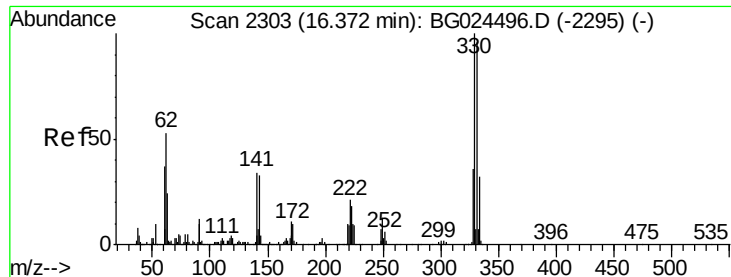
Tot Ion	Ratio	Lower	Upper
142	100		
141	97.0	70.4	105.6
115	45.4	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	48.5	34.7	52.1

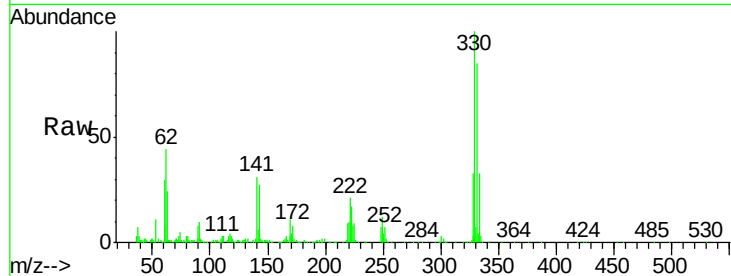




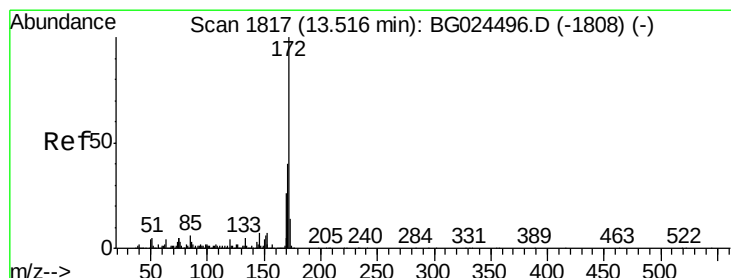
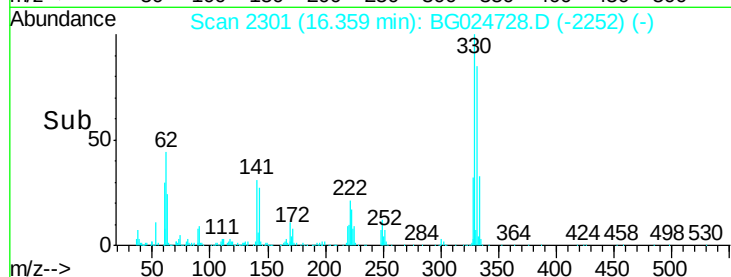
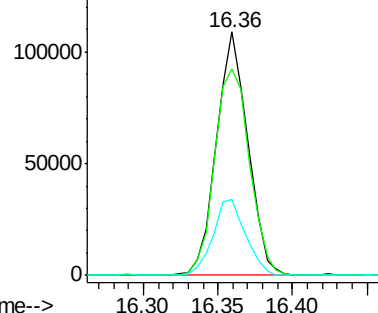
#41
2,4,6-Tribromophenol
Concen: 35.59 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

Instrument :
BNA_G
ClientSampled :
S22-0014DL

Tot Ion:330 Resp: 158741
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 32.7 32.1 48.1

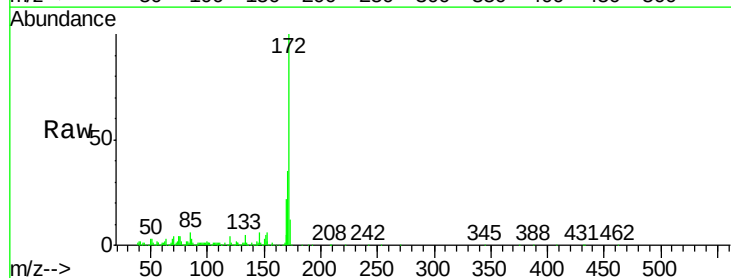


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

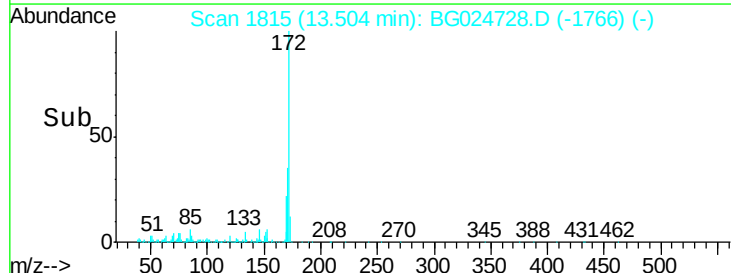
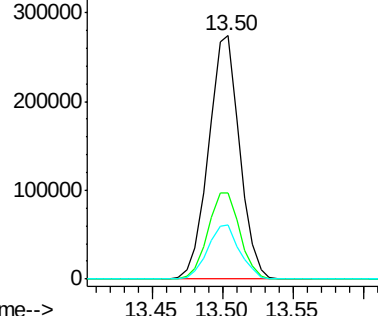


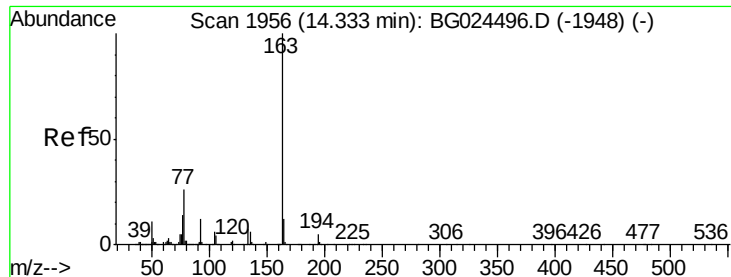
#44
2-Fluorobiphenyl
Concen: 23.40 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024728.D
Acq: 7 Nov 2016 14:37

Tgt Ion:172 Resp: 420197
Ion Ratio Lower Upper
172 100
171 35.3 32.2 48.2
170 22.1 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: 2.06 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

Instrument :

BNA_G

ClientSampleId :

S22-0014DL

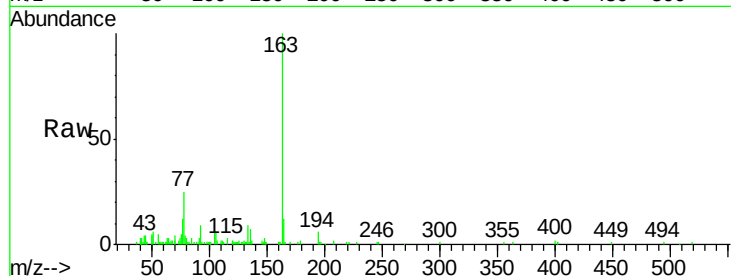
Tot Ion:163 Resp: 43597

Ion Ratio Lower Upper

163 100

194 6.0 3.8 5.6#

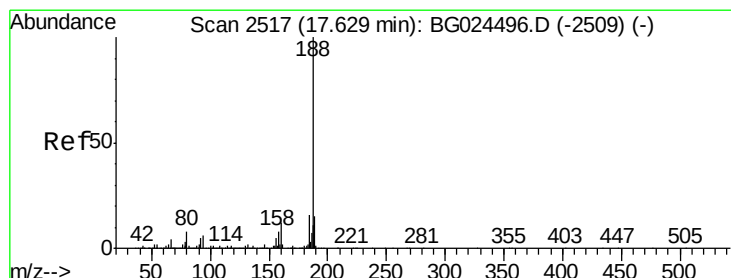
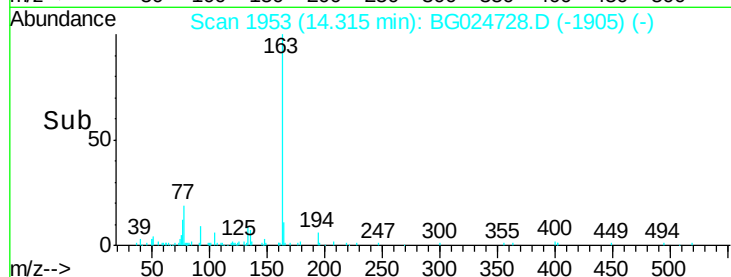
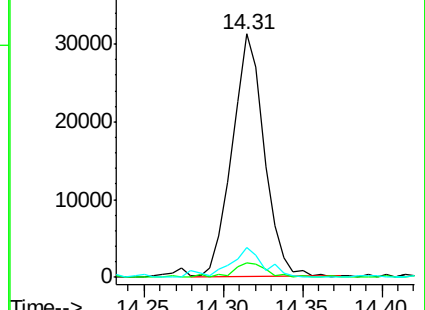
164 13.3 9.3 13.9



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: 17.62 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

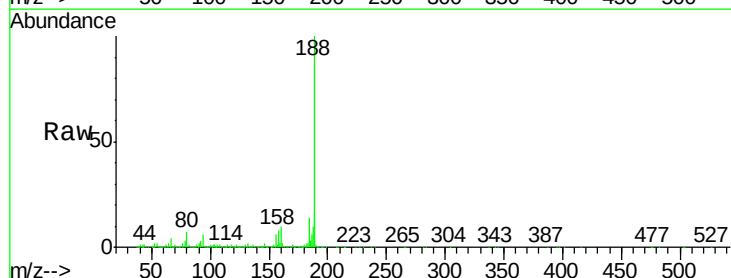
Tgt Ion:188 Resp: 687461

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

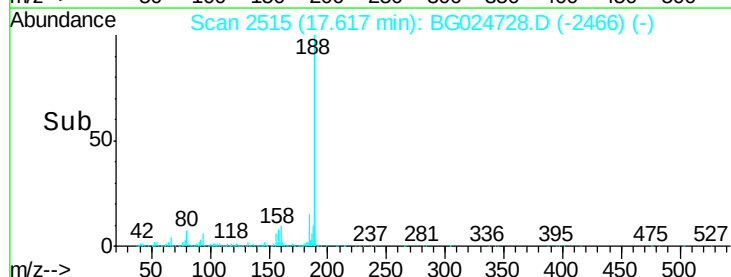
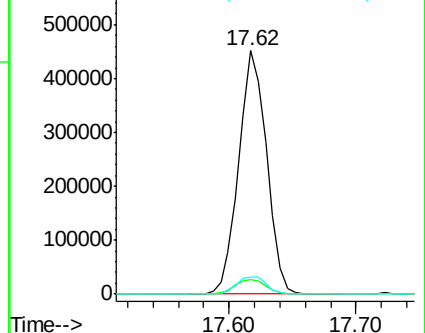
80 6.8 7.5 11.3#

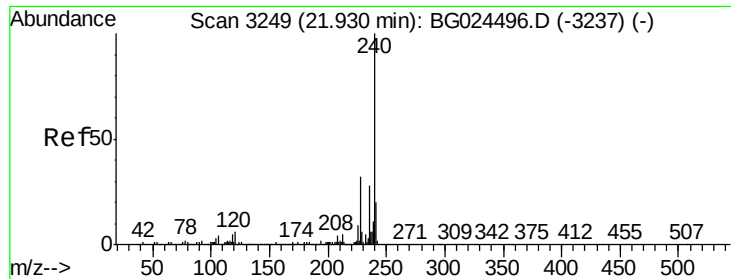


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3246

Delta R.T. -0.02 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

Instrument :

BNA_G

ClientSampleId :

S22-0014DL

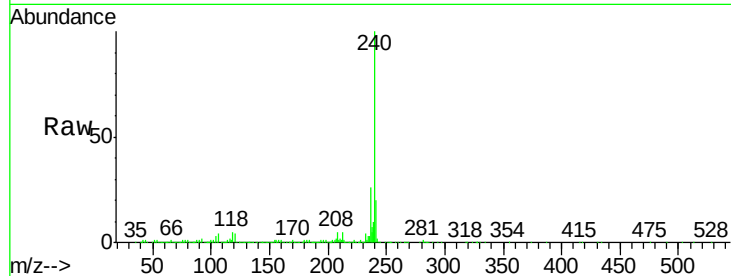
Tot Ion:240 Resp: 1006225

Ion Ratio Lower Upper

240 100

120 4.3 5.7 8.5#

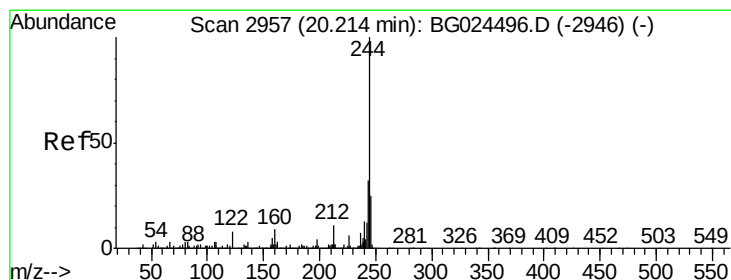
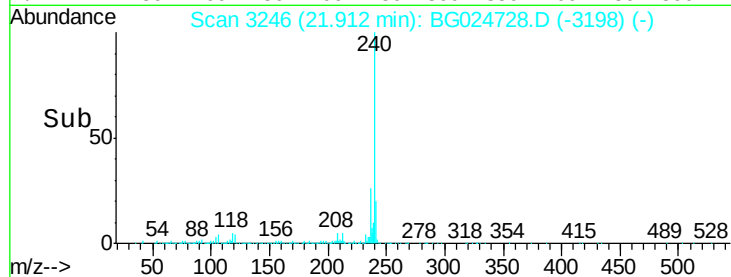
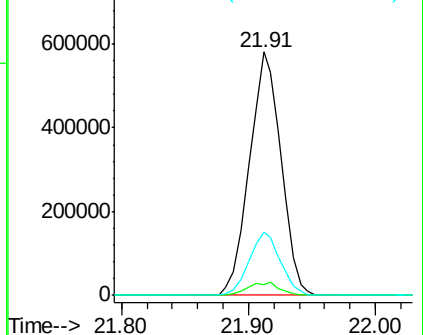
236 25.8 22.2 33.4



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: 21.49 ng

RT: 20.20 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BG024728.D

Acq: 7 Nov 2016 14:37

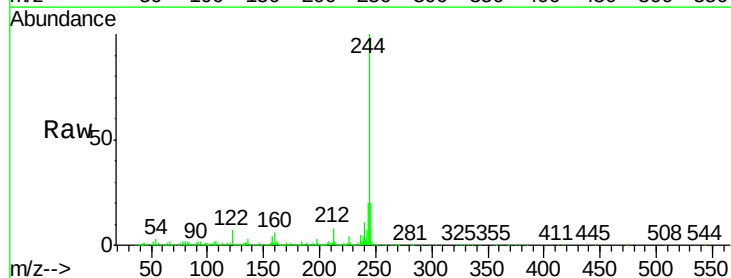
Tgt Ion:244 Resp: 723757

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

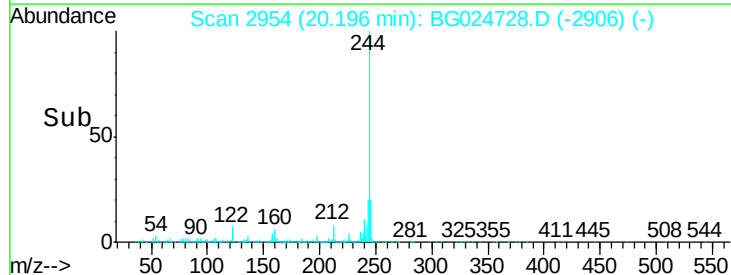
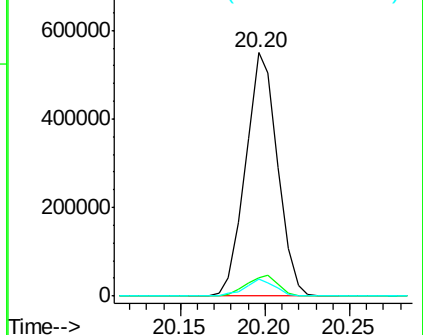
122 7.0 8.6 12.8#

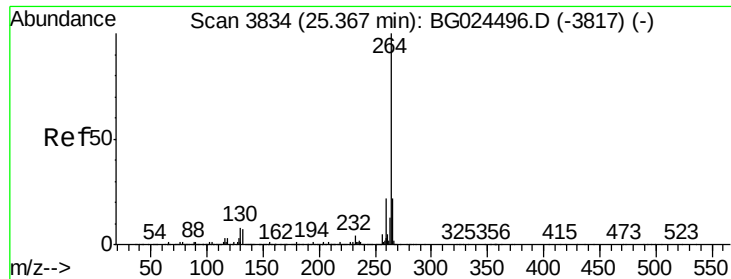


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3829
 Delta R.T. -0.03 min
 Lab File: BG024728.D
 Acq: 7 Nov 2016 14:37

Instrument :
 BNA_G
 ClientSampleId :
 S22-0014DL

Tot Ion:264 Resp: 1048924

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.8	32.8
265	23.4	18.2	27.4

