

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024708.D
 Acq On : 5 Nov 2016 12:04
 Operator : UM/SJ
 Sample : H5526-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-99-14.5-15.0

Quant Time: Nov 06 23:46:47 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

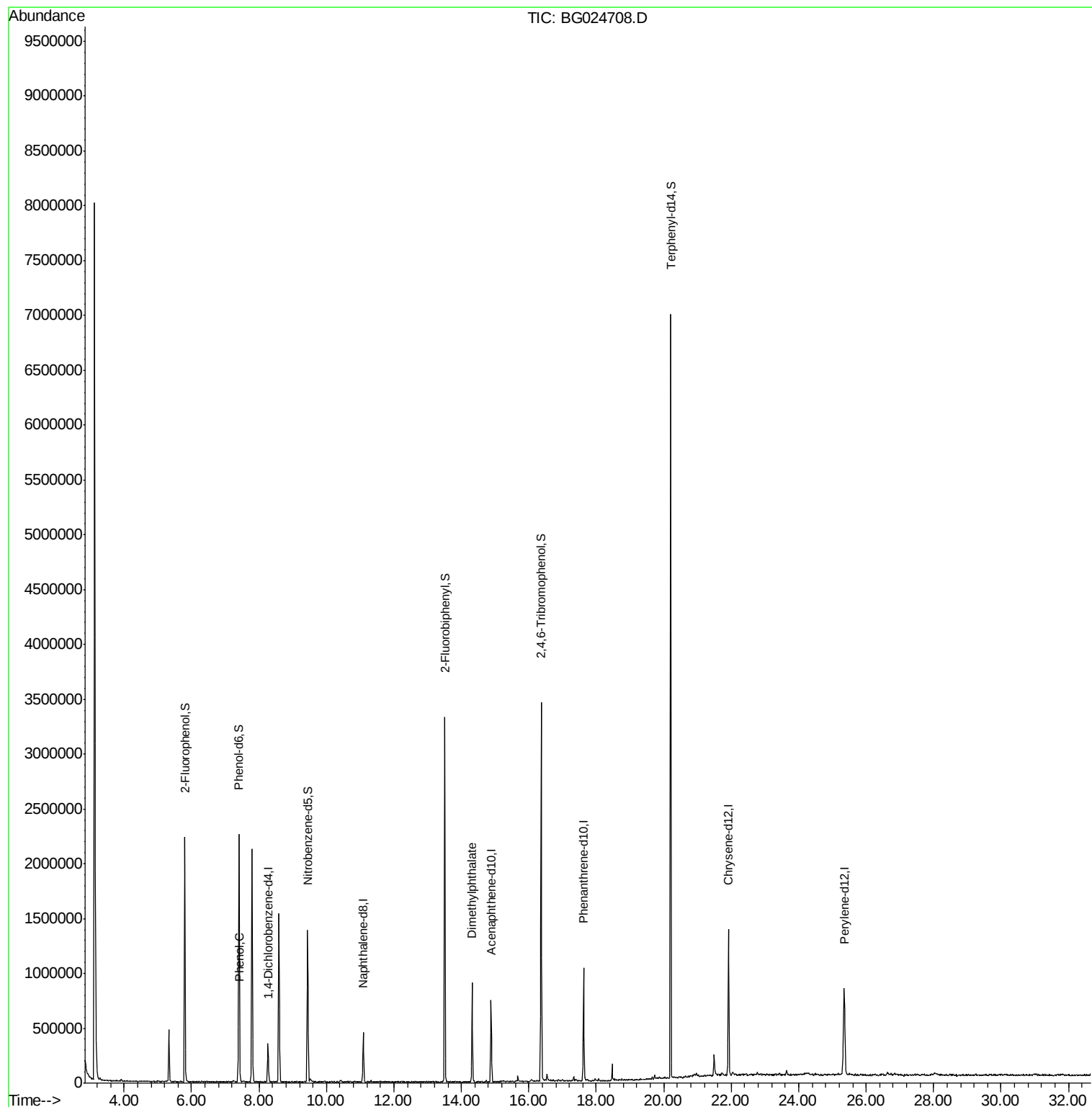
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	94436	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	364599	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	269246	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	654256	20.00	ng	0.00
75) Chrysene-d12	21.92	240	924615	20.00	ng	0.00
86) Perylene-d12	25.35	264	976240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	878208	152.42	ng	0.00
7) Phenol-d6	7.41	99	1244322	157.44	ng	0.00
23) Nitrobenzene-d5	9.44	82	860620	107.47	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	704360	175.11	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1637858	101.11	ng	0.00
78) Terphenyl-d14	20.20	244	2861827	92.49	ng	0.00
Target Compounds						
10) Phenol	7.43	94	16723	2.05	ng	Qvalue # 71
49) Dimethylphthalate	14.32	163	571190	29.88	ng	97

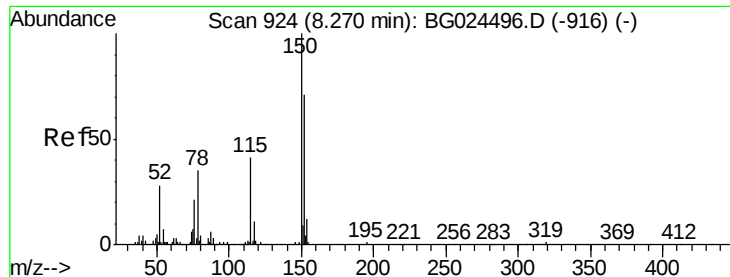
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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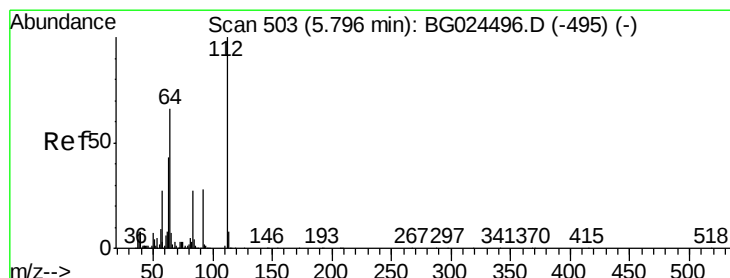
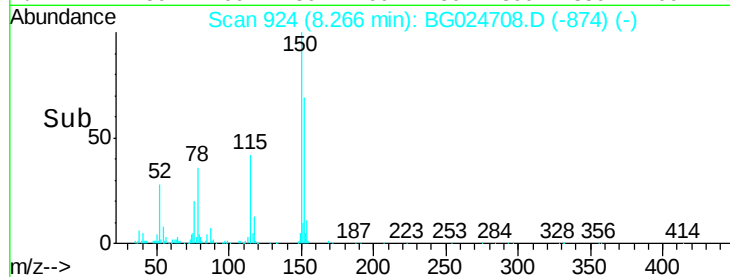
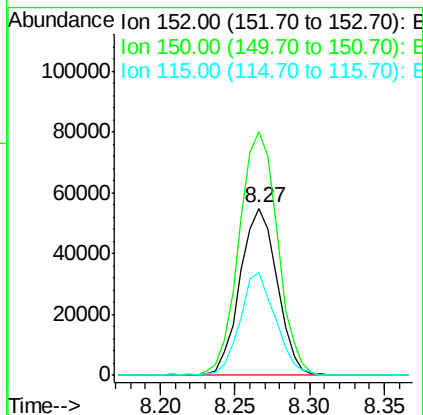
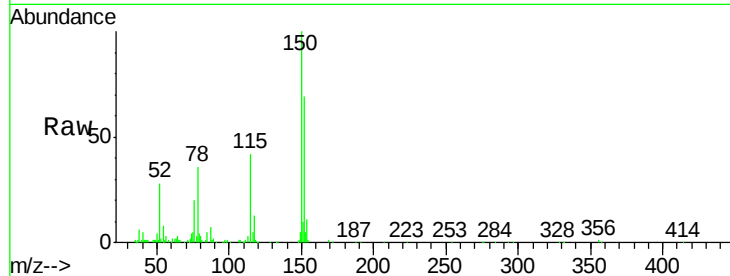


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024708.D
Acq: 5 Nov 2016 12:04

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0

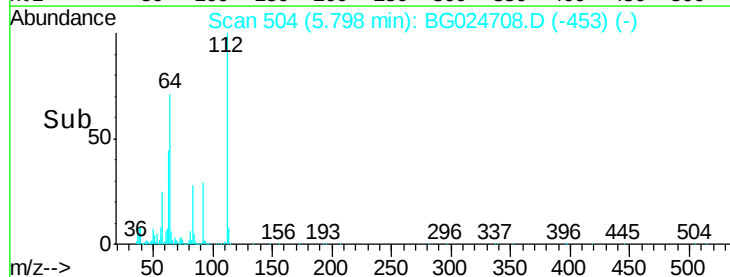
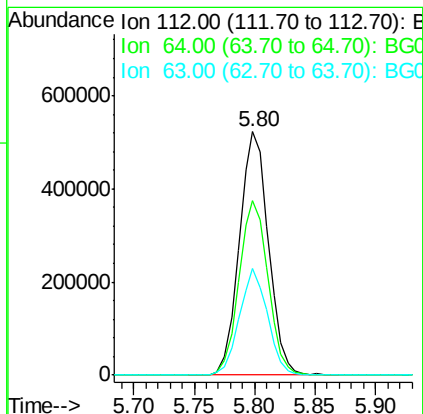
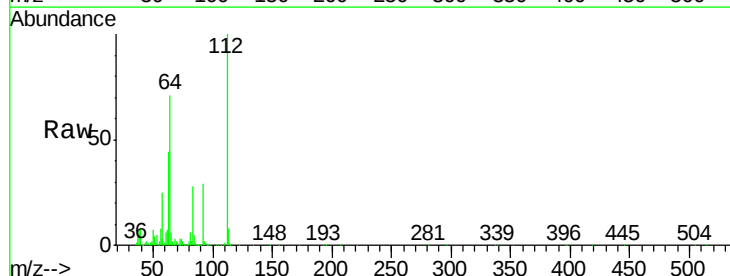
Tot Ion:152 Resp: 94436
Ion Ratio Lower Upper
152 100
150 145.7 114.0 171.0
115 61.7 48.1 72.1

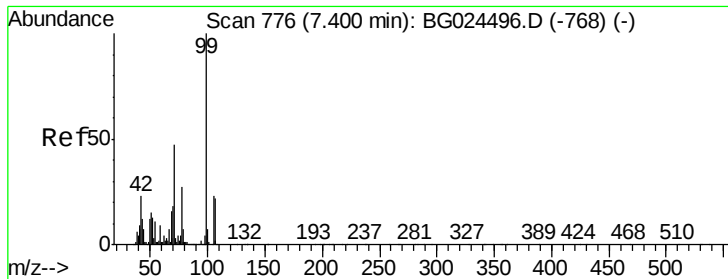


#5

2-Fluorophenol
Concen: 152.42 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024708.D
Acq: 5 Nov 2016 12:04

Tgt Ion:112 Resp: 878208
Ion Ratio Lower Upper
112 100
64 71.5 61.8 92.6
63 43.9 37.2 55.8





#7

Phenol-d6

Concen: 157.44 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024708.D

Acq: 5 Nov 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SB-99-14.5-15.0

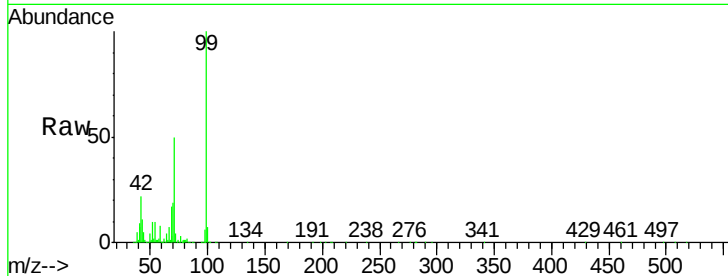
Tot Ion: 99 Resp: 1244322

Ion Ratio Lower Upper

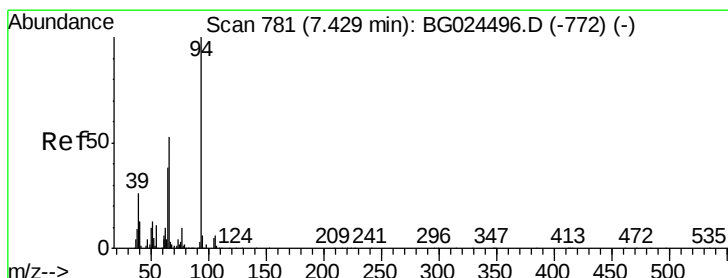
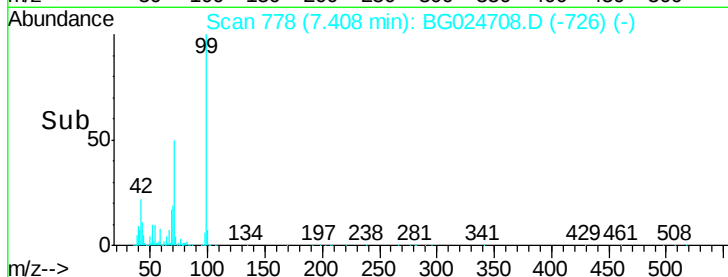
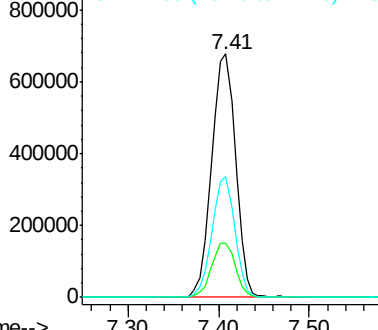
99 100

42 22.0 20.5 30.7

71 49.8 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



#10

Phenol

Concen: 2.05 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024708.D

Acq: 5 Nov 2016 12:04

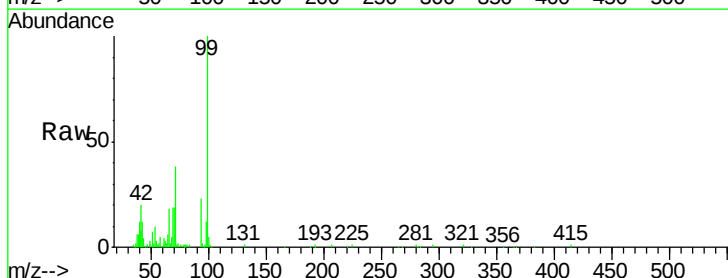
Tgt Ion: 94 Resp: 16723

Ion Ratio Lower Upper

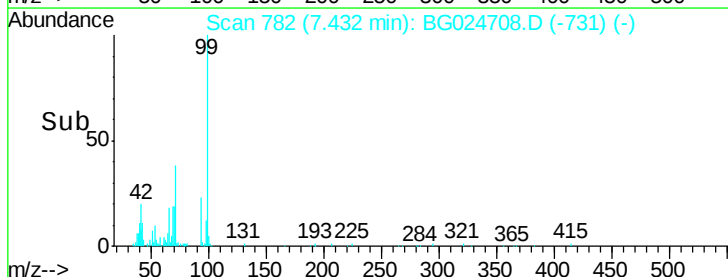
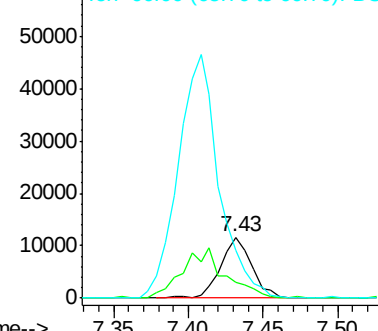
94 100

65 25.5 20.6 60.6

66 78.7 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

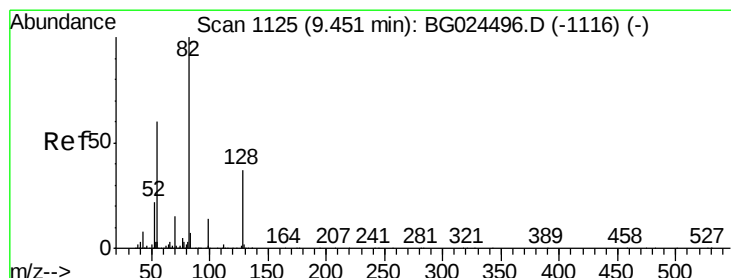
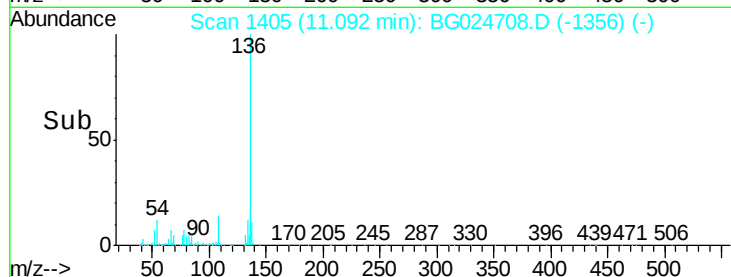
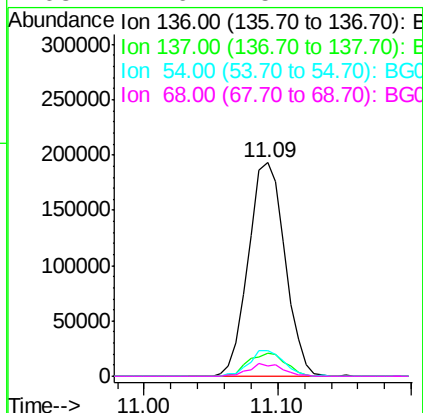
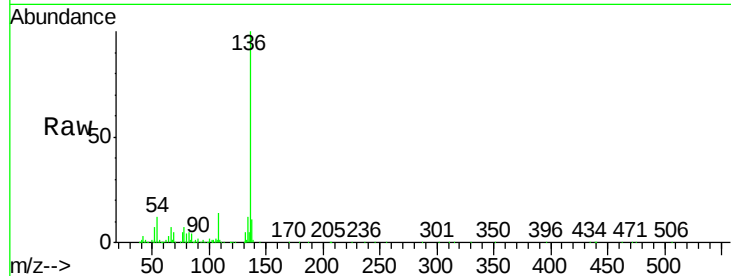




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024708.D
Acq: 5 Nov 2016 12:04

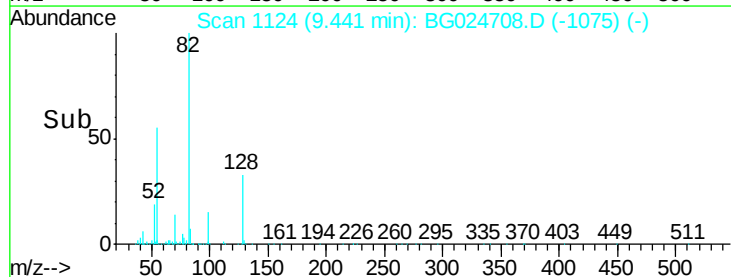
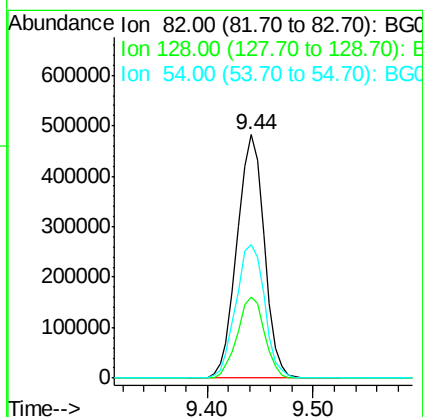
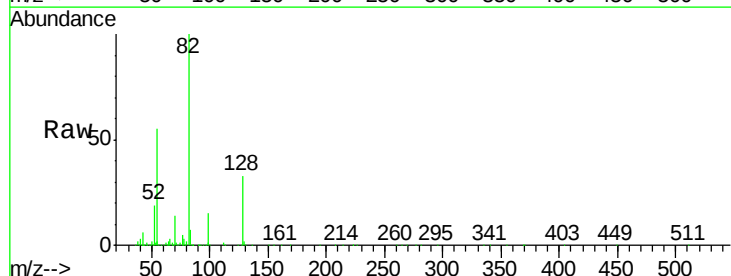
Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0

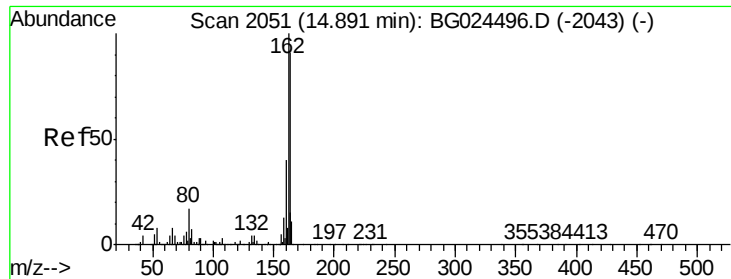
Tot	Ion:136	Resp:	364599
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	12.2	9.3	13.9
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 107.47 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024708.D
Acq: 5 Nov 2016 12:04

Tgt Ion: 82	Resp: 860620
Ion Ratio	Lower Upper
82 100	
128 33.4	26.4 39.6
54 54.9	49.4 74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024708.D

Acq: 5 Nov 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SB-99-14.5-15.0

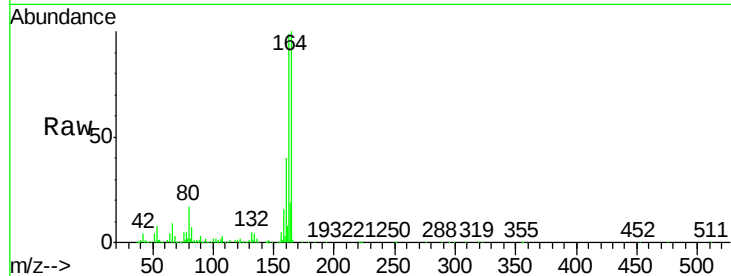
Tot Ion:164 Resp: 269246

Ion Ratio Lower Upper

164 100

162 98.8 85.1 127.7

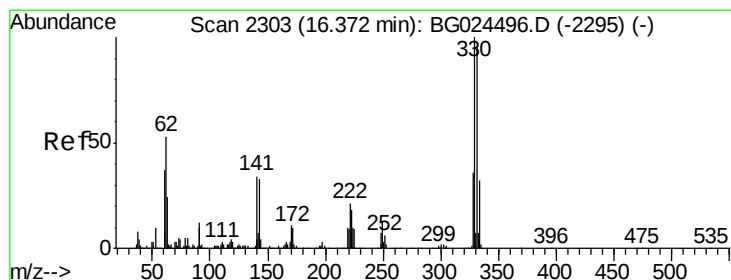
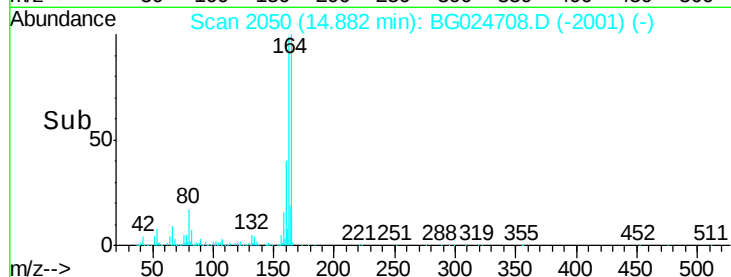
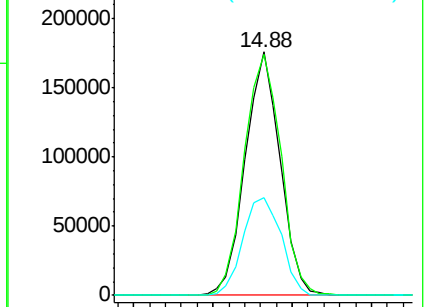
160 40.3 34.7 52.1



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: 175.11 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024708.D

Acq: 5 Nov 2016 12:04

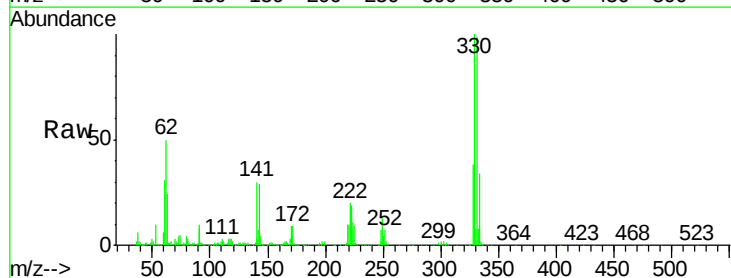
Tgt Ion:330 Resp: 704360

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

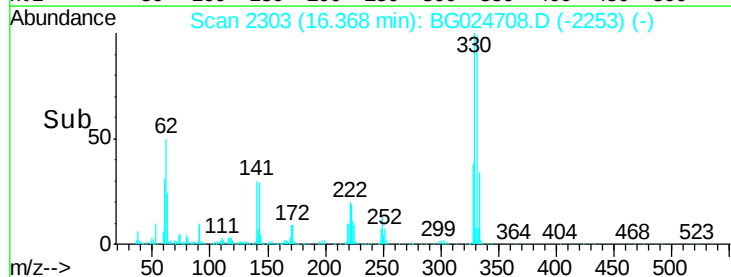
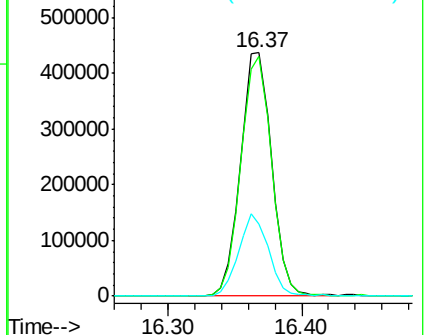
141 32.4 32.1 48.1

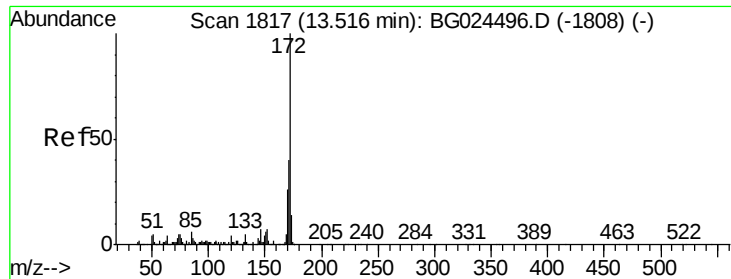


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.11 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024708.D

Acq: 5 Nov 2016 12:04

Instrument :

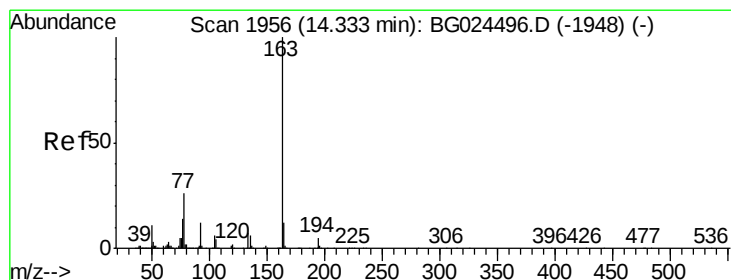
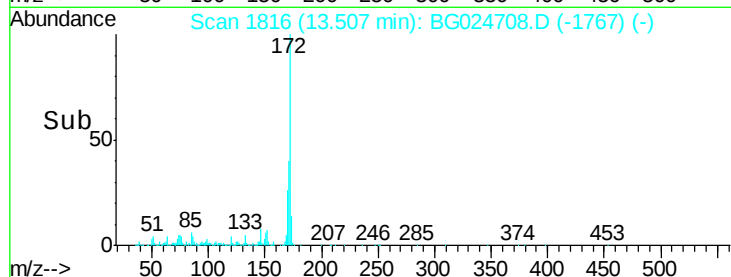
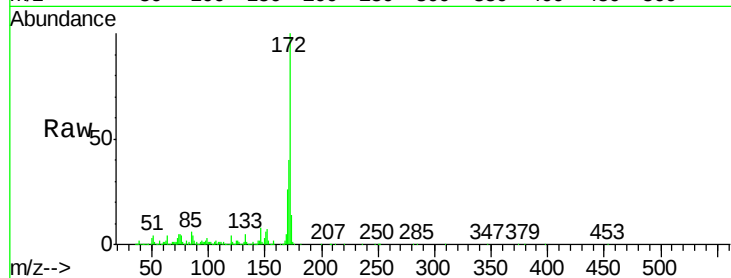
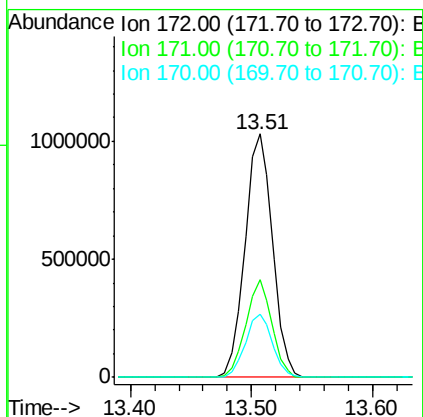
BNA_G

ClientSampled :

SB-99-14.5-15.0

Tot Ion:172 Resp: 1637858

Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.2	48.2
170	25.9	21.8	32.6



#49

Dimethylphthalate

Concen: 29.88 ng

RT: 14.32 min Scan# 1954

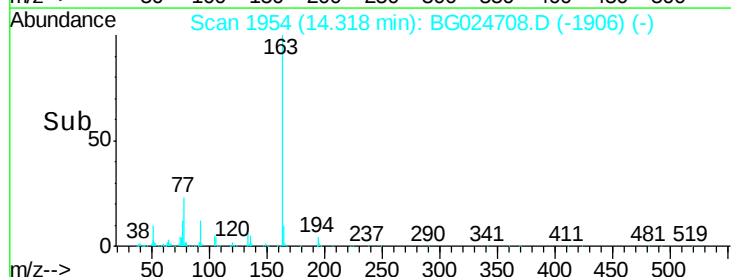
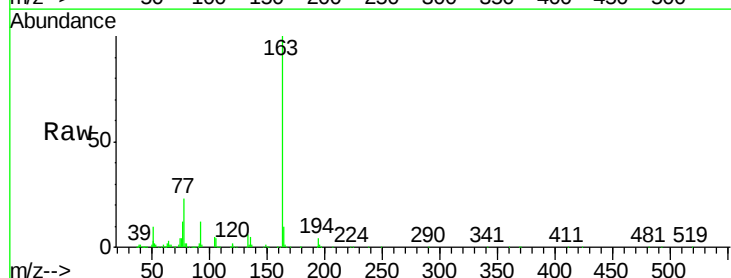
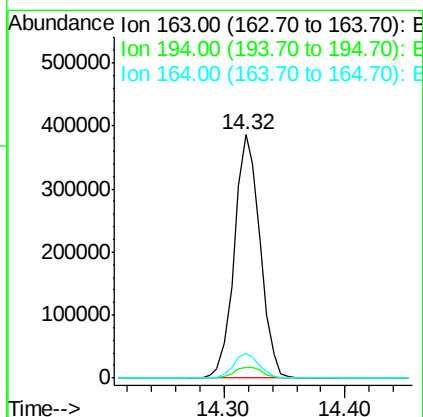
Delta R.T. -0.02 min

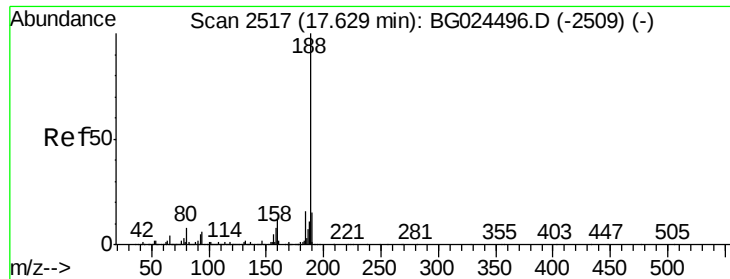
Lab File: BG024708.D

Acq: 5 Nov 2016 12:04

Tgt Ion:163 Resp: 571190

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	10.4	9.3	13.9

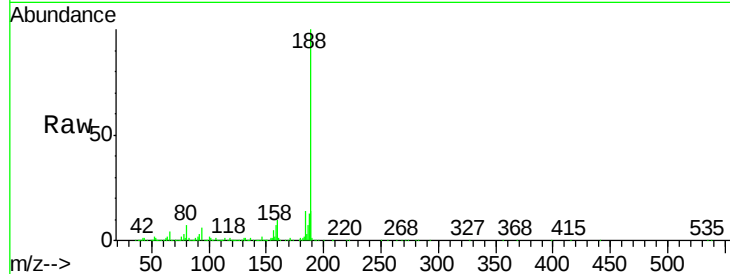




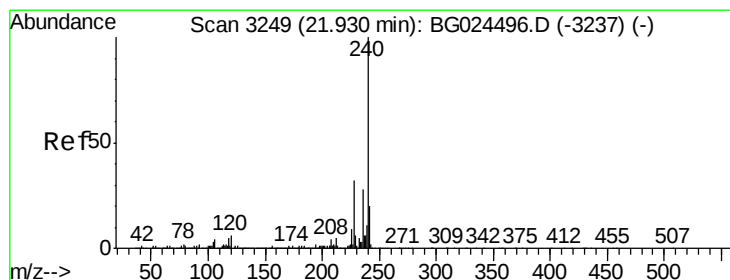
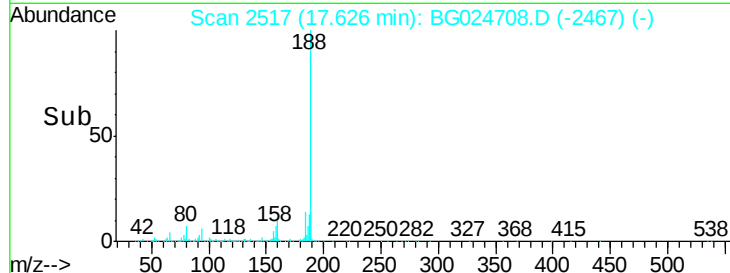
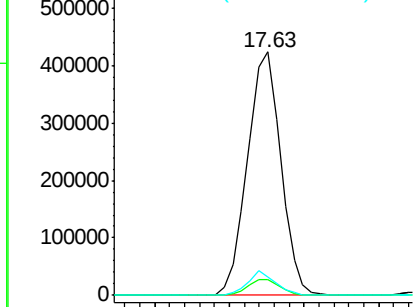
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024708.D
Acq: 5 Nov 2016 12:04

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0

Tot Ion:188 Resp: 654256
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.4 7.5 11.3#

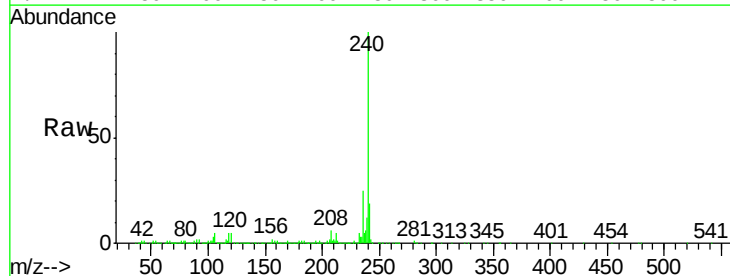


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

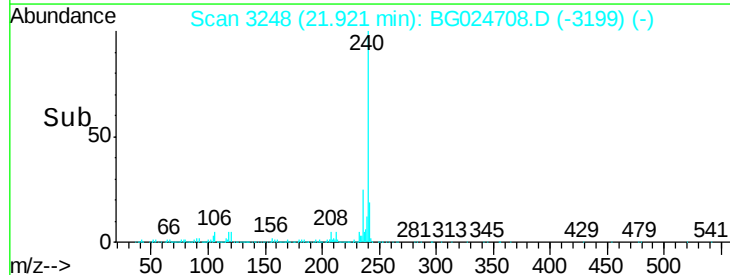
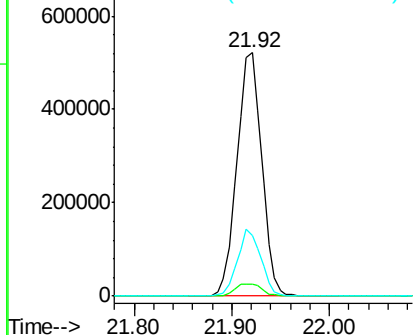


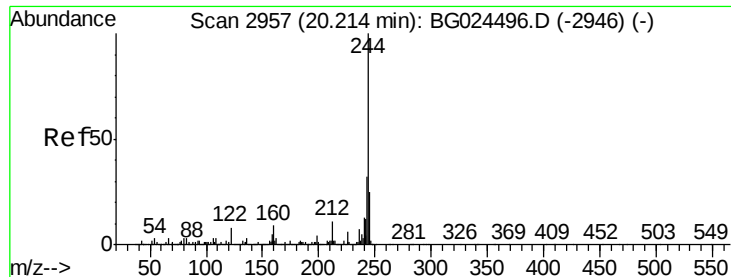
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024708.D
Acq: 5 Nov 2016 12:04

Tgt Ion:240 Resp: 924615
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 25.0 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: 92.49 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024708.D

Acq: 5 Nov 2016 12:04

Instrument :

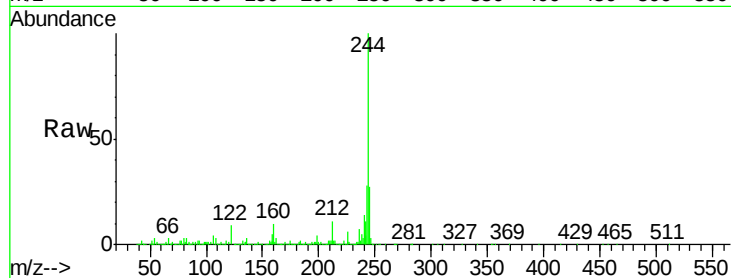
BNA_G

ClientSampleId :

SB-99-14.5-15.0

Tot Ion:244 Resp: 2861827

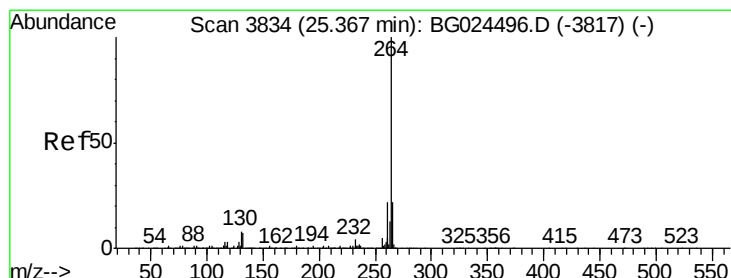
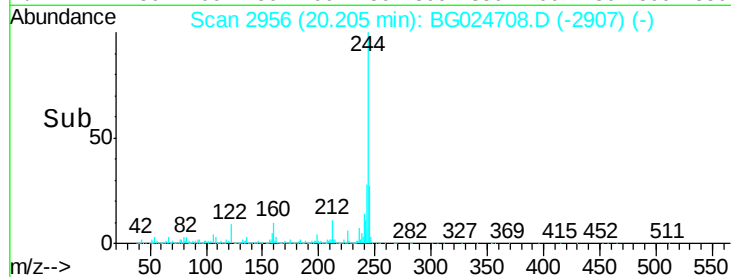
Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.0	15.0
122	9.2	8.6	12.8



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: BG024708.D

Acq: 5 Nov 2016 12:04

Tgt Ion:264 Resp: 976240

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.7	18.2	27.4

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

