

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024526.D
 Acq On : 27 Oct 2016 18:18
 Operator : UM/SJ
 Sample : PB94345BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94345BL

Quant Time: Oct 28 02:11:29 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	110766	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	432313	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	321904	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	730299	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1060149	20.00	ng	0.00
86) Perylene-d12	25.35	264	1075862	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	456190	67.50	ng	0.00
7) Phenol-d6	7.40	99	655404	70.70	ng	0.00
23) Nitrobenzene-d5	9.45	82	840071	88.47	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	332149	69.07	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1666412	86.04	ng	0.00
78) Terphenyl-d14	20.21	244	2930433	82.60	ng	0.00

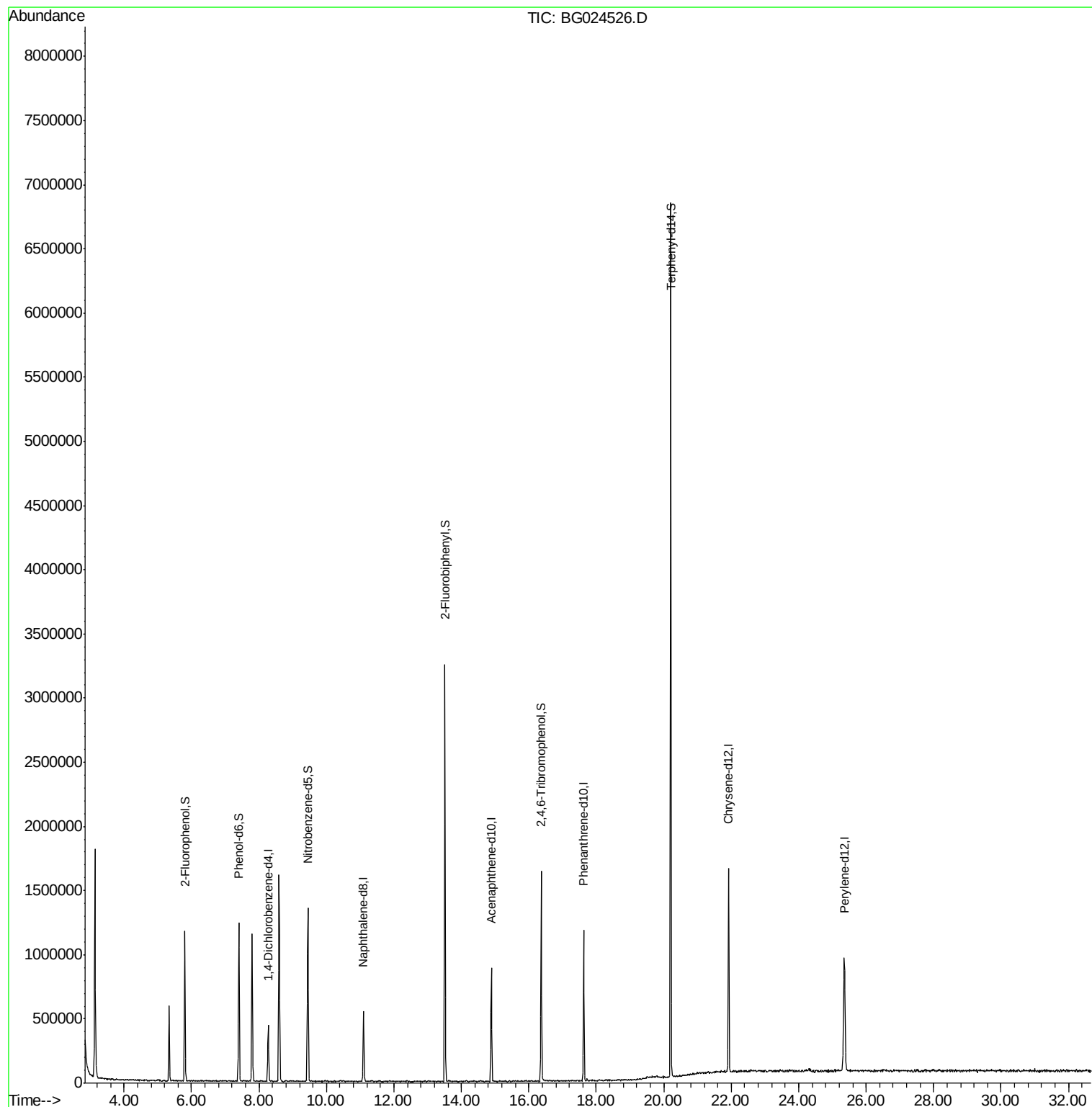
Target Compounds	Qvalue
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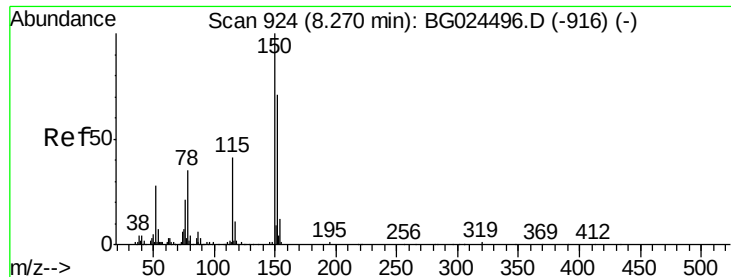
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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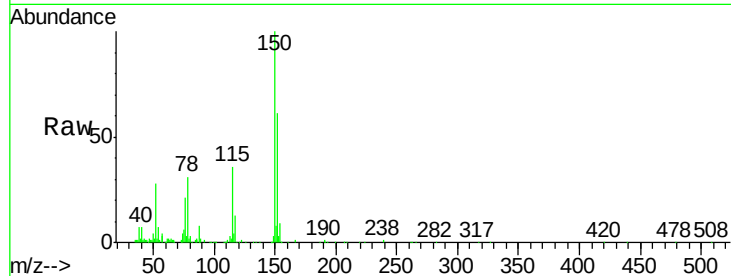


#1

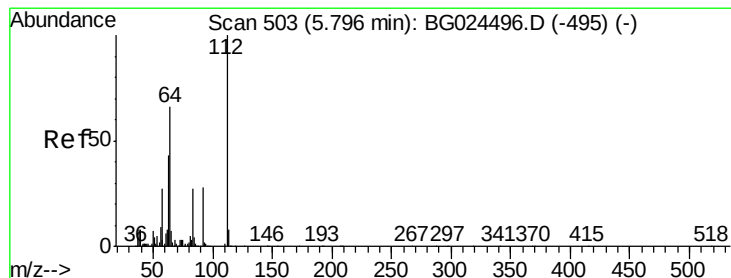
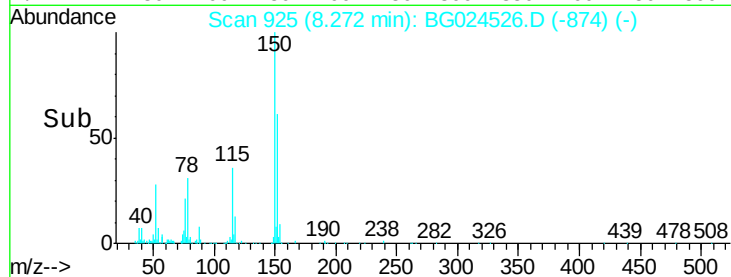
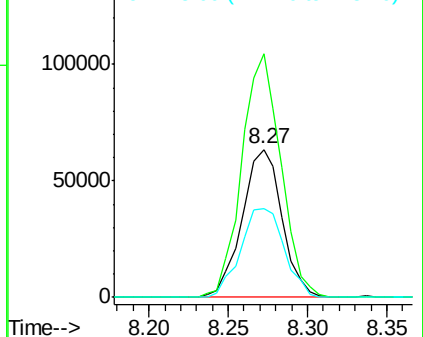
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BG024526.D
 Acq: 27 Oct 2016 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB94345BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.4	114.0	171.0
115	59.9	48.1	72.1



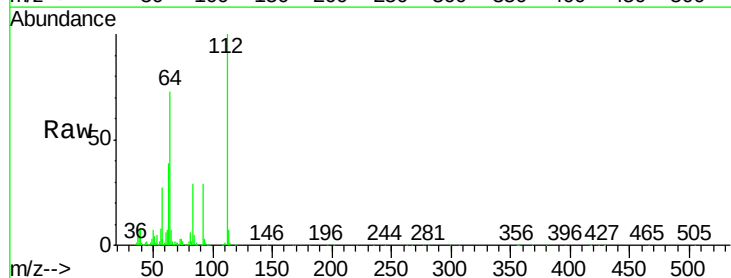
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



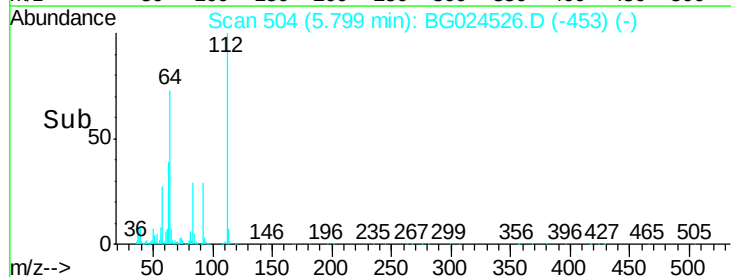
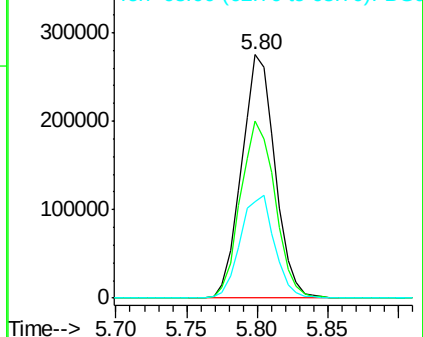
#5

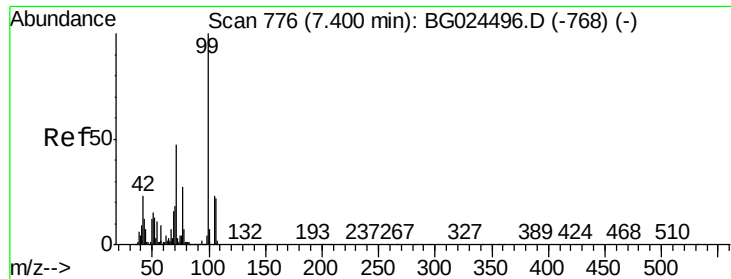
2-Fluorophenol
 Concen: 67.50 ng
 RT: 5.80 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BG024526.D
 Acq: 27 Oct 2016 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	61.8	92.6
63	39.4	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: 70.70 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024526.D

Acq: 27 Oct 2016 18:18

Instrument :

BNA_G

ClientSampleId :

PB94345BL

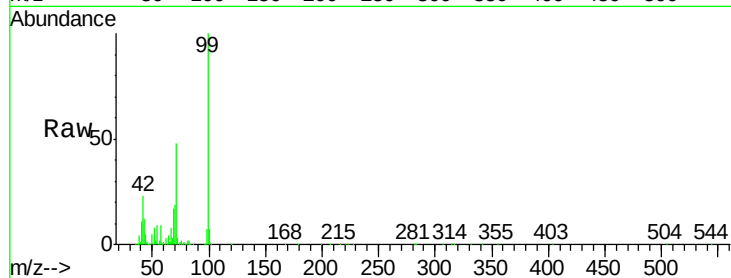
Tgt Ion: 99 Resp: 655404

Ion Ratio Lower Upper

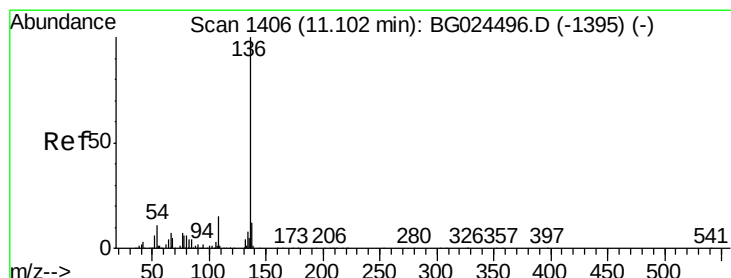
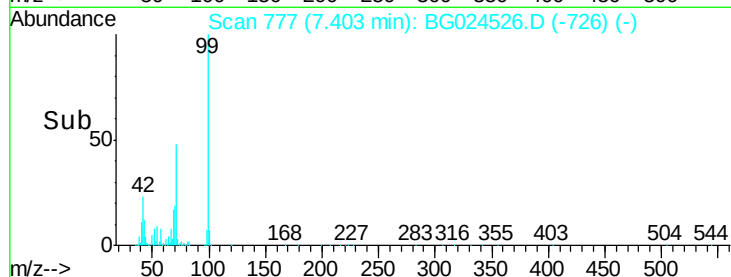
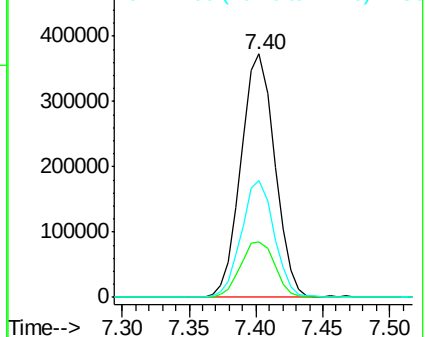
99 100

42 22.7 20.5 30.7

71 48.0 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: BG024526.D

Acq: 27 Oct 2016 18:18

Tgt Ion: 136 Resp: 432313

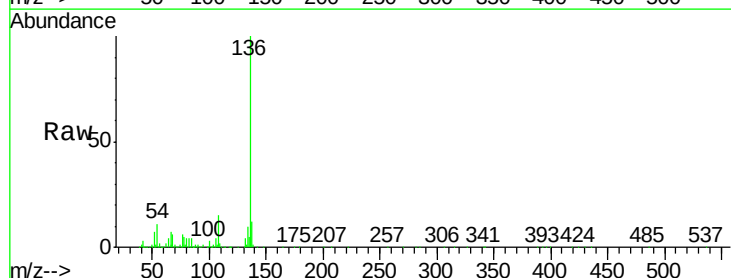
Ion Ratio Lower Upper

136 100

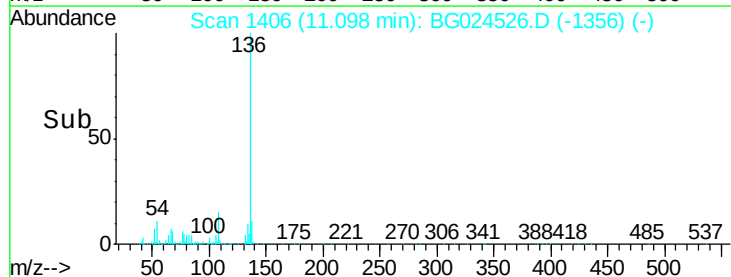
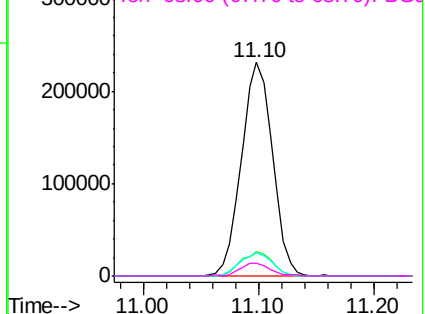
137 11.5 8.9 13.3

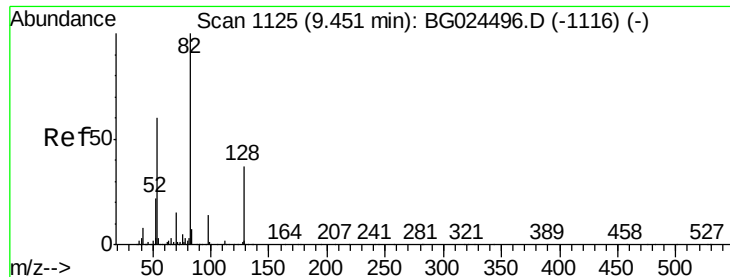
54 10.7 9.3 13.9

68 6.1 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

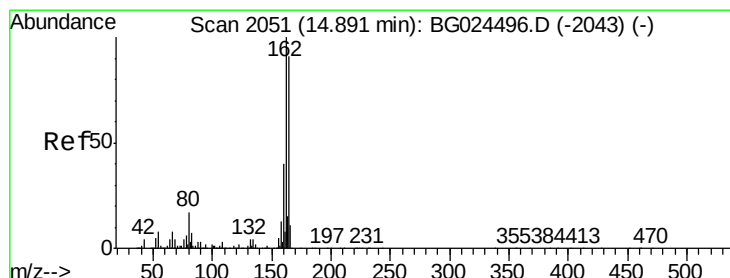
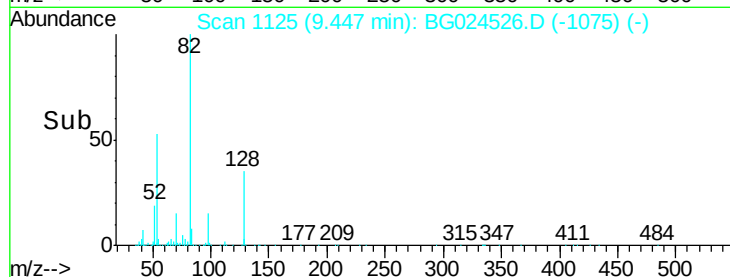
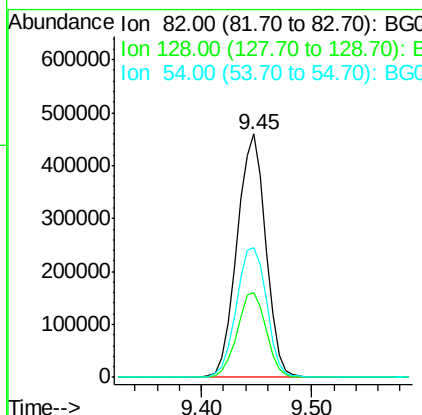
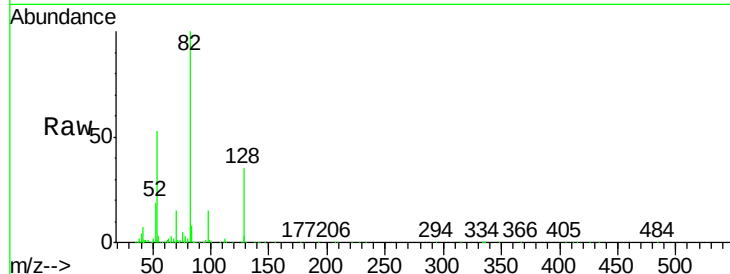




#23
 Nitrobenzene-d5
 Concen: 88.47 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024526.D
 Acq: 27 Oct 2016 18:18

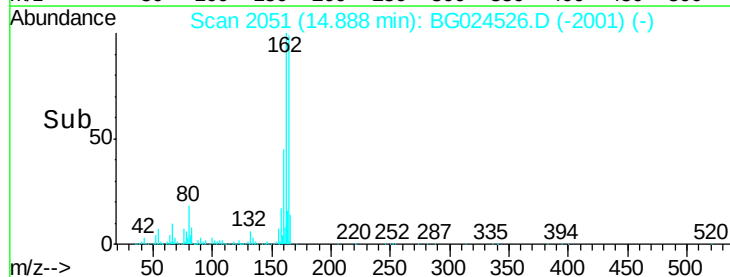
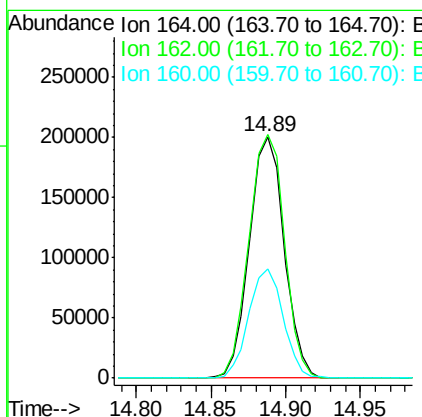
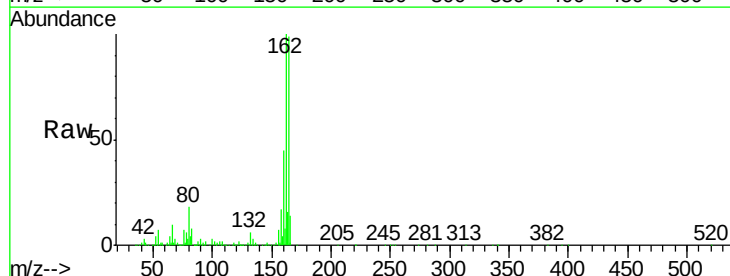
Instrument :
 BNA_G
 ClientSampleId :
 PB94345BL

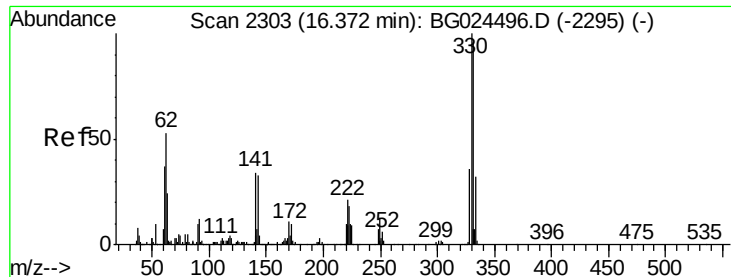
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	53.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024526.D
 Acq: 27 Oct 2016 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.1	127.7
160	45.3	34.7	52.1

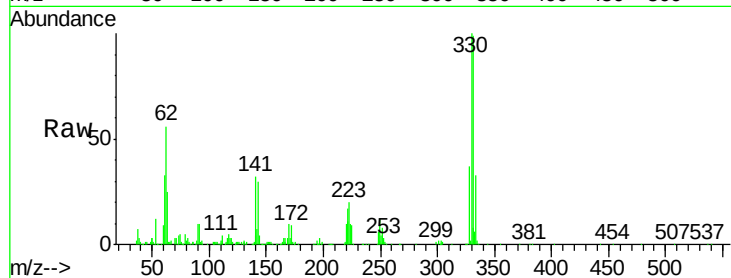




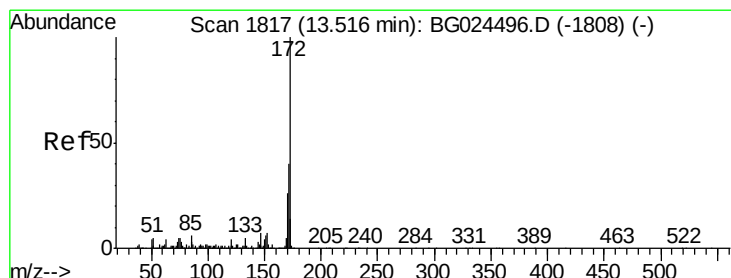
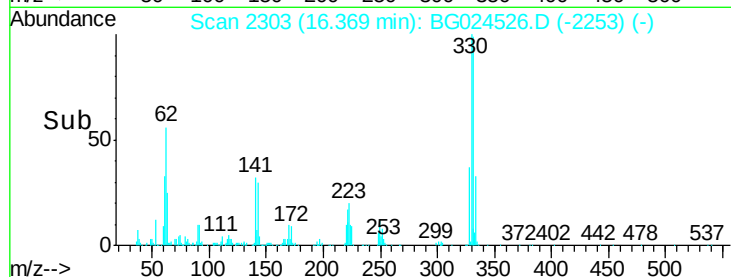
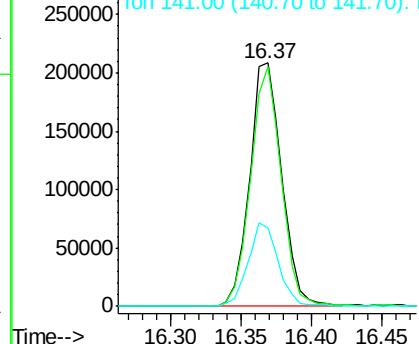
#41
2,4,6-Tribromophenol
Concen: 69.07 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024526.D
Acq: 27 Oct 2016 18:18

Instrument :
BNA_G
ClientSampled :
PB94345BL

Tgt Ion:330 Resp: 332149
Ion Ratio Lower Upper
330 100
332 94.2 77.3 115.9
141 32.5 32.1 48.1

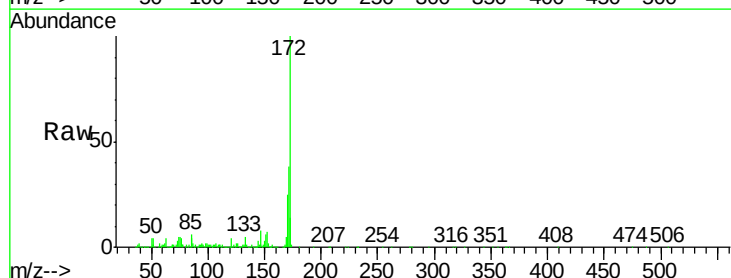


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

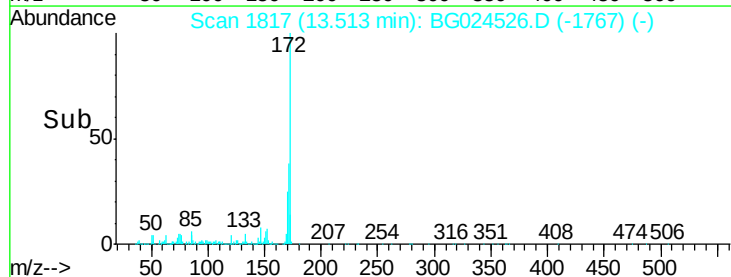
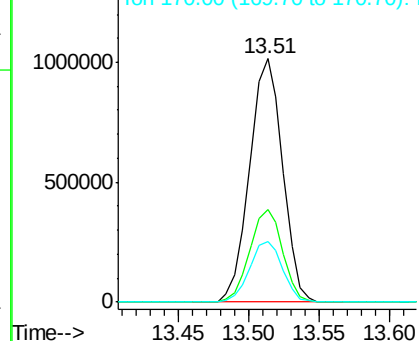


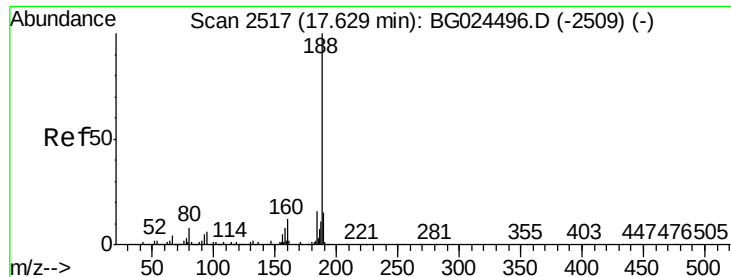
#44
2-Fluorobiphenyl
Concen: 86.04 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024526.D
Acq: 27 Oct 2016 18:18

Tgt Ion:172 Resp: 1666412
Ion Ratio Lower Upper
172 100
171 38.2 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

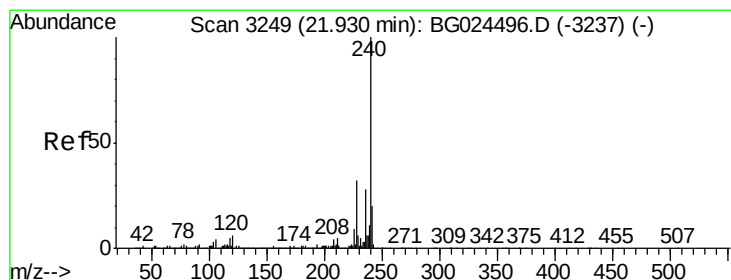
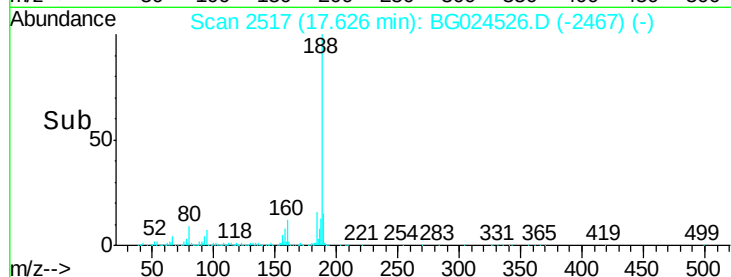
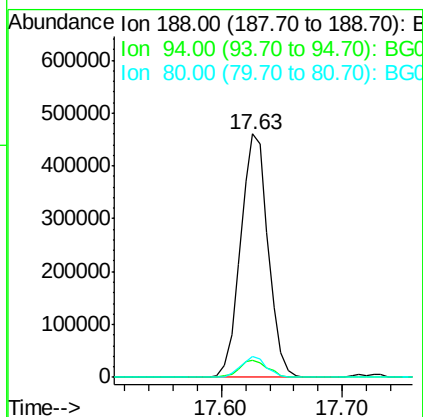
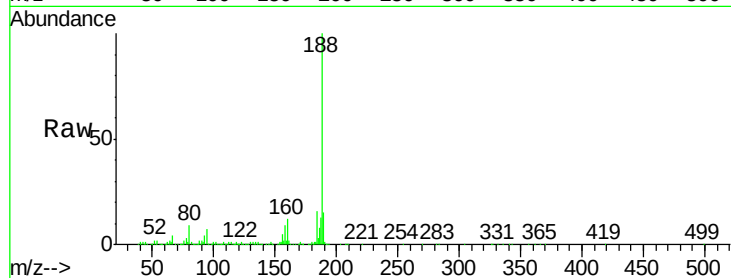




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024526.D
Acq: 27 Oct 2016 18:18

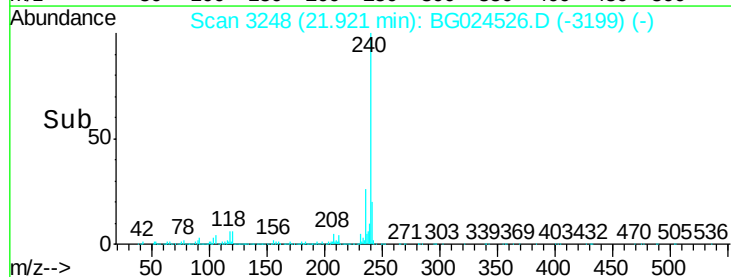
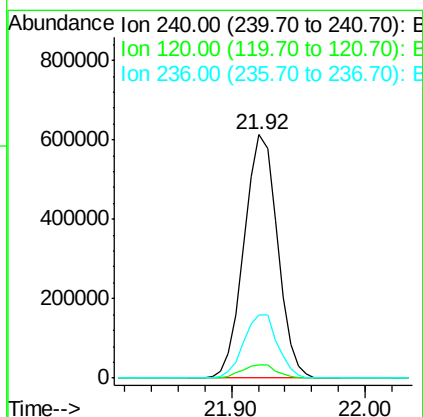
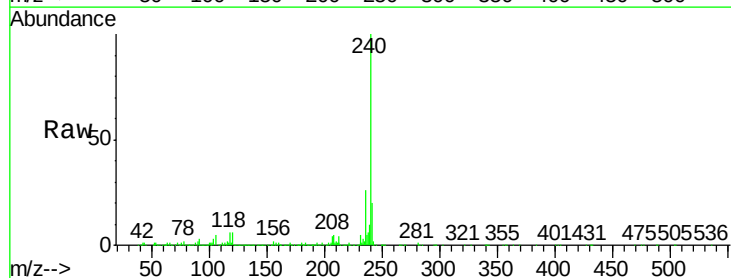
Instrument :
BNA_G
ClientSampleId :
PB94345BL

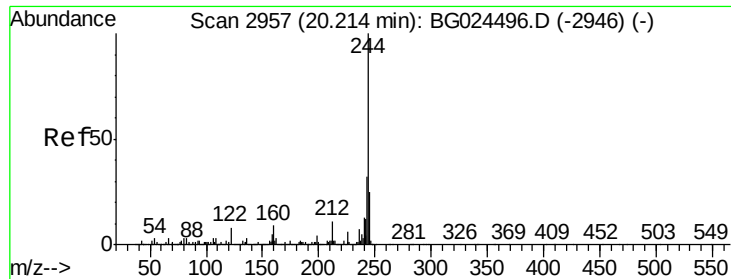
Tgt Ion:188 Resp: 730299
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 8.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024526.D
Acq: 27 Oct 2016 18:18

Tgt Ion:240 Resp: 1060149
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 82.60 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024526.D

Acq: 27 Oct 2016 18:18

Instrument :

BNA_G

ClientSampleId :

PB94345BL

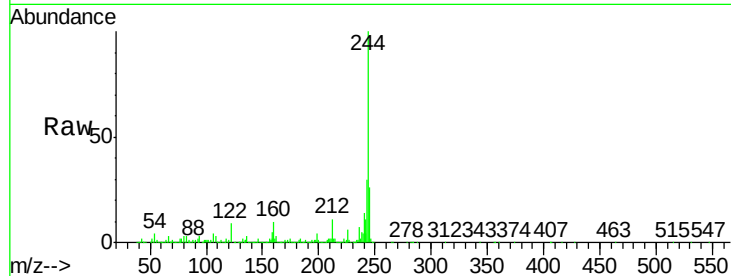
Tgt Ion:244 Resp: 2930433

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

122 9.1 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

2500000

2000000

1500000

1000000

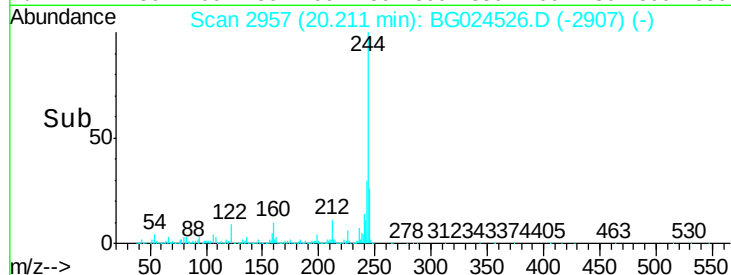
500000

0

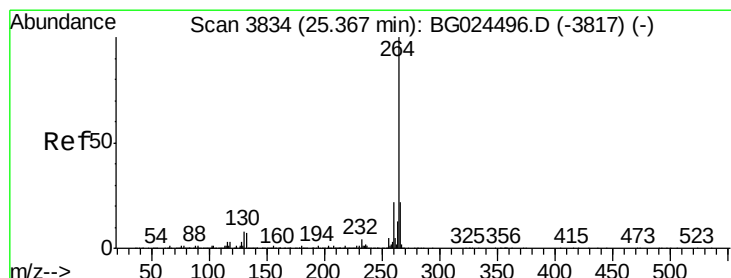
20.10

20.20

20.30



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BG024526.D

Acq: 27 Oct 2016 18:18

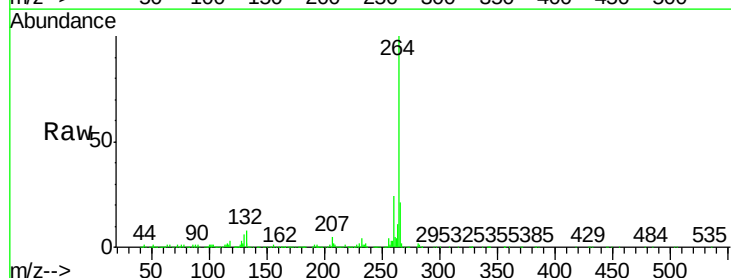
Tgt Ion:264 Resp: 1075862

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.1 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

500000

400000

300000

200000

100000

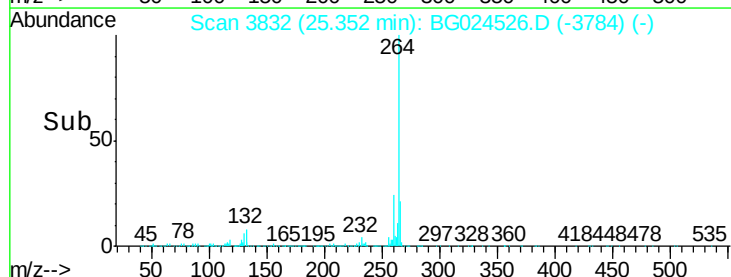
0

25.20

25.30

25.40

25.50



Time-->