

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022974.D
 Acq On : 9 Jul 2016 20:49
 Operator : UM/SJ
 Sample : H3934-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C2.3-03

Quant Time: Jul 11 02:29:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

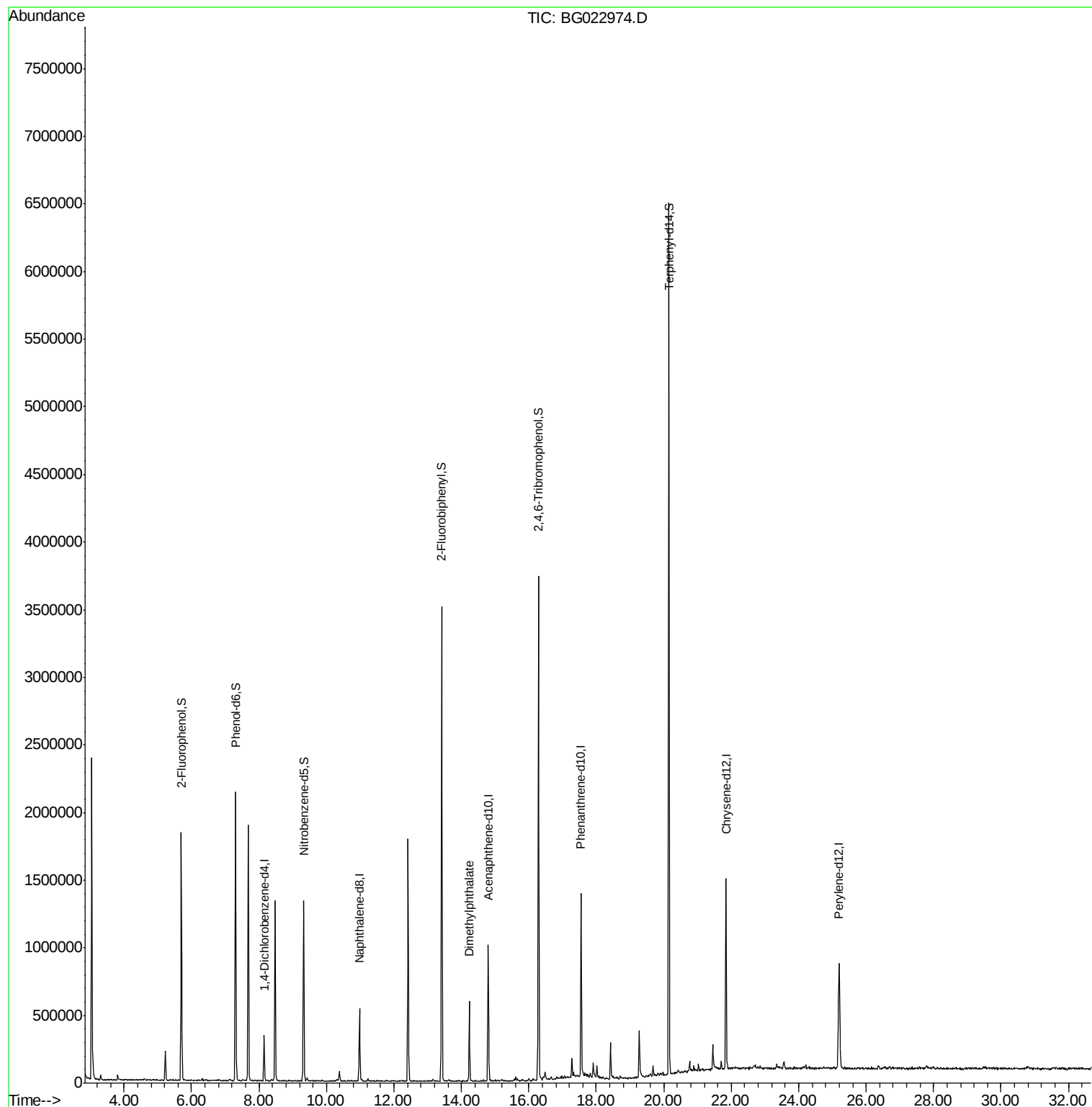
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	86887	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	417836	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	343433	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	805613	20.00	ng	0.00
75) Chrysene-d12	21.84	240	900673	20.00	ng	0.00
86) Perylene-d12	25.20	264	902112	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	733599	138.09	ng	0.00
7) Phenol-d6	7.31	99	1198792	144.07	ng	0.00
23) Nitrobenzene-d5	9.32	82	842199	86.31	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	697794	113.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1724367	79.09	ng	0.00
78) Terphenyl-d14	20.15	244	2390110	83.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	369688	13.18	ng	Qvalue # 98

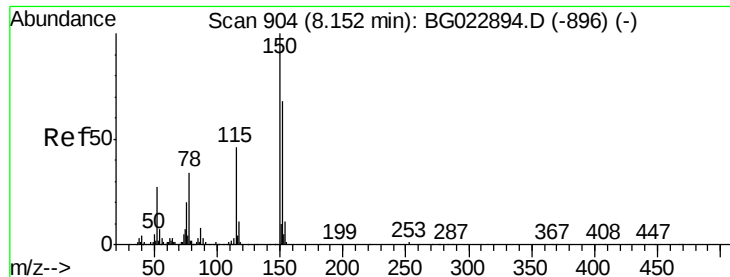
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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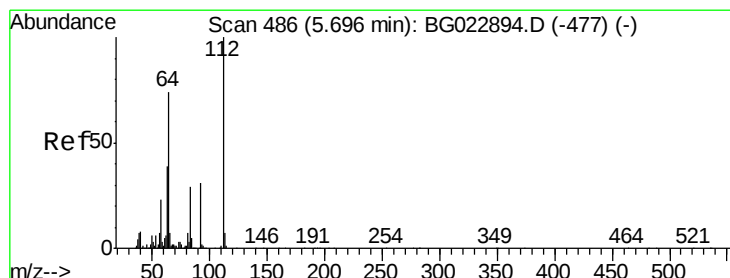
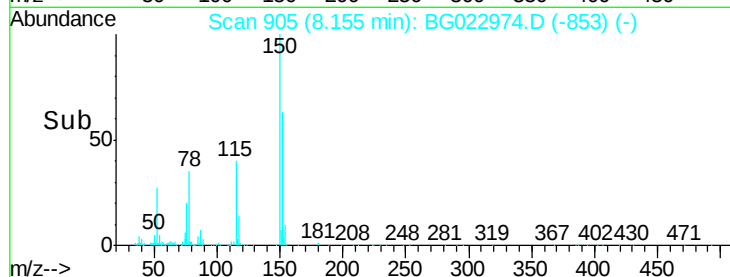
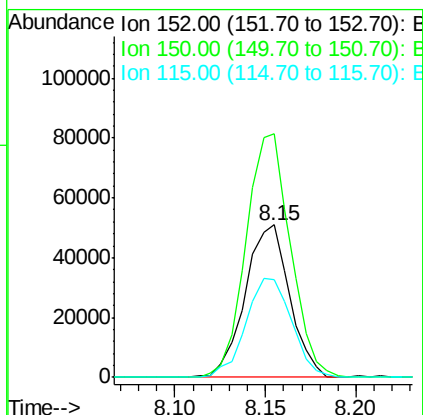
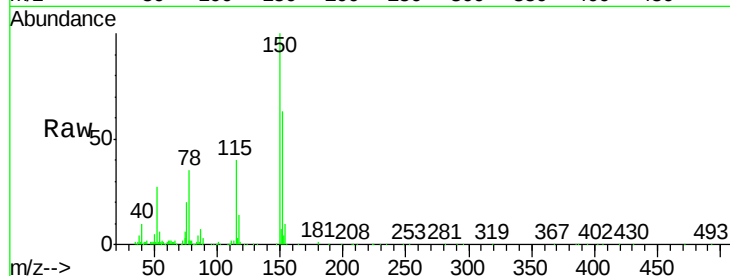


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

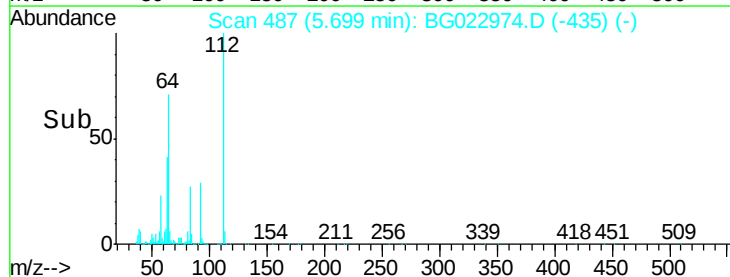
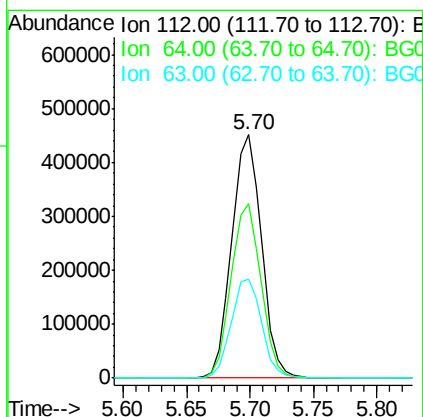
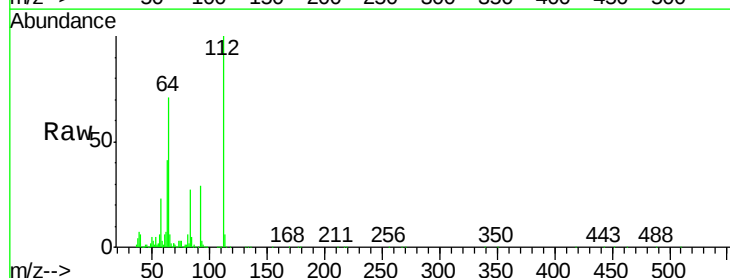
Tgt Ion:152 Resp: 86887
Ion Ratio Lower Upper
152 100
150 159.6 144.7 217.1
115 63.8 64.0 96.0#

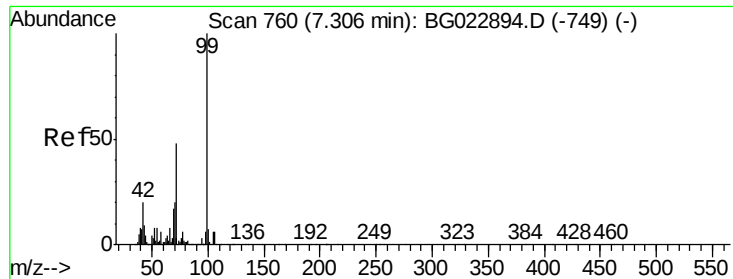


#5

2-Fluorophenol
Concen: 138.09 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion:112 Resp: 733599
Ion Ratio Lower Upper
112 100
64 71.5 59.0 88.4
63 40.8 37.8 56.8





#7

Phenol-d6

Concen: 144.07 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022974.D

Acq: 9 Jul 2016 20:49

Instrument :

BNA_G

ClientSampleId :

C2.3-03

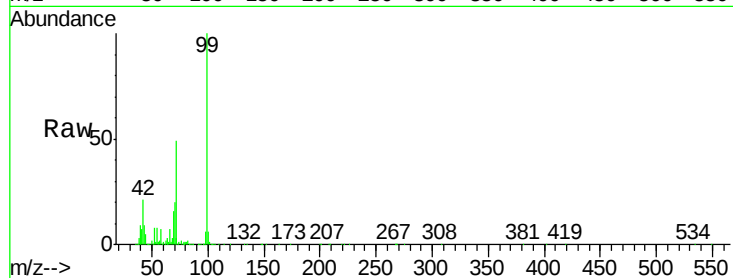
Tgt Ion: 99 Resp: 1198792

Ion Ratio Lower Upper

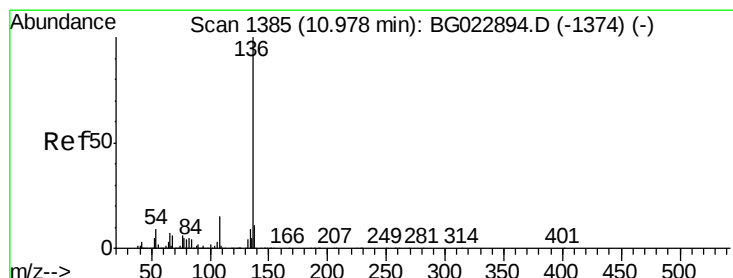
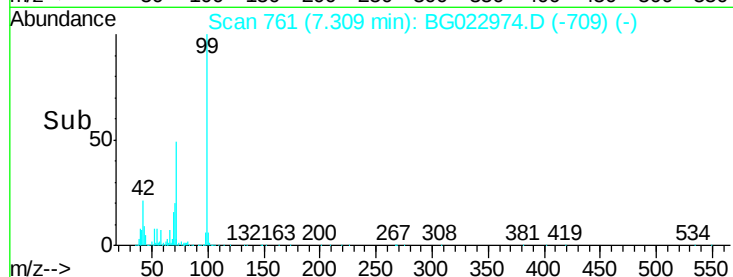
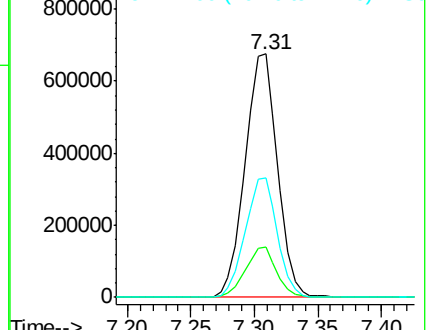
99 100

42 20.6 17.8 26.6

71 48.9 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022974.D

Acq: 9 Jul 2016 20:49

Tgt Ion: 136 Resp: 417836

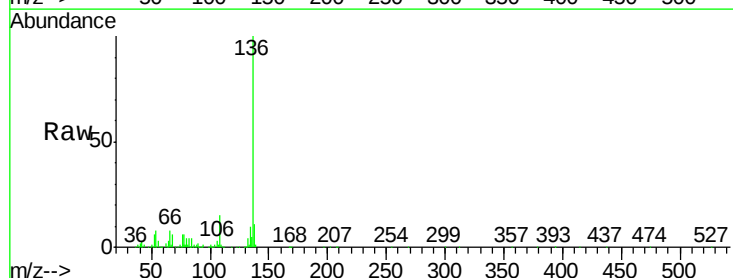
Ion Ratio Lower Upper

136 100

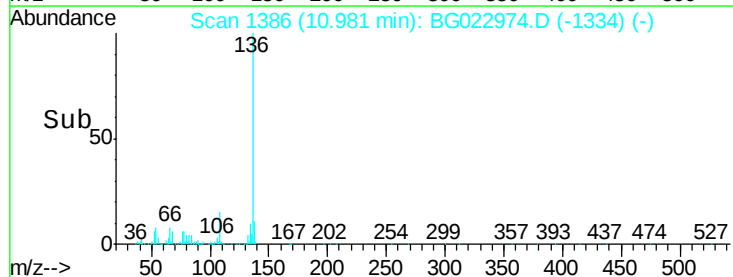
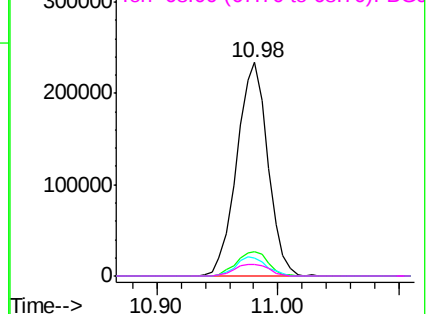
137 11.2 9.6 14.4

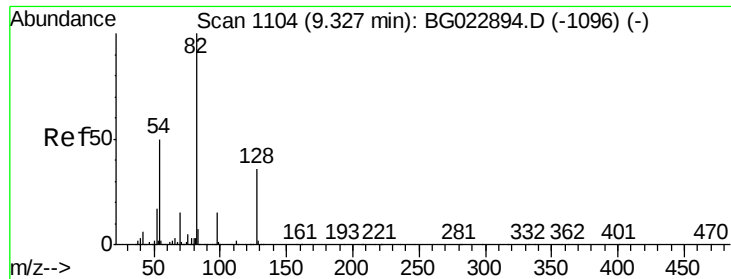
54 8.3 7.3 10.9

68 5.5 5.3 7.9



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

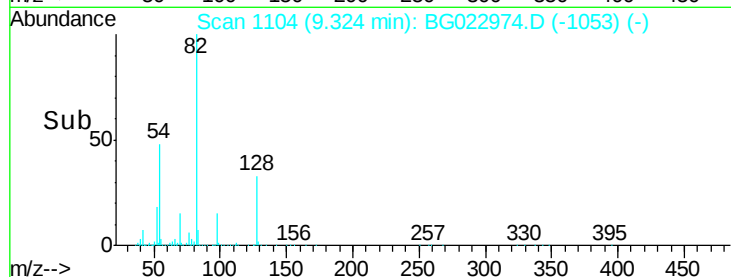
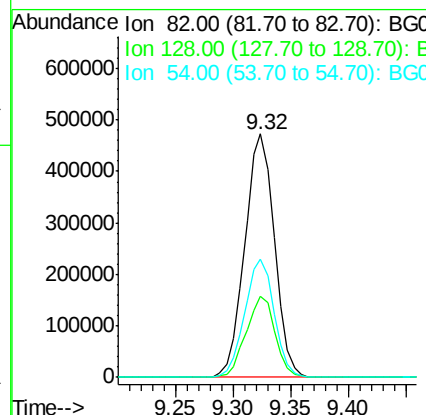
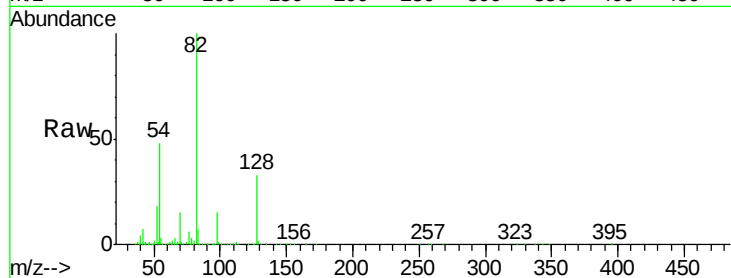




#23
 Nitrobenzene-d5
 Concen: 86.31 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022974.D
 Acq: 9 Jul 2016 20:49

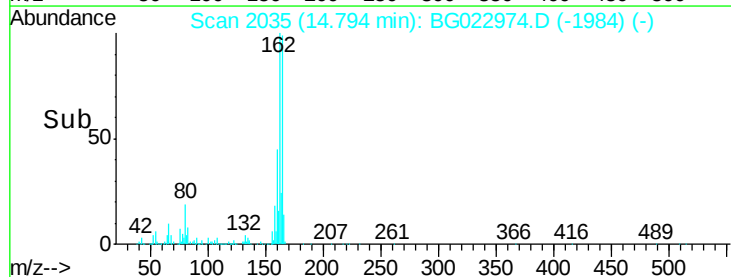
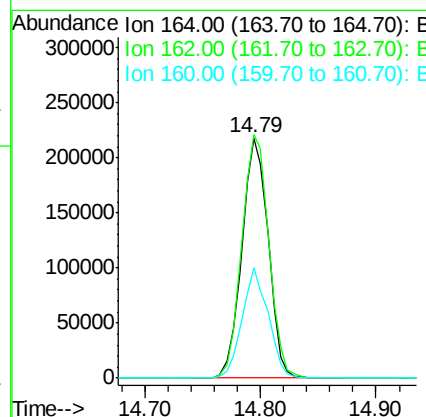
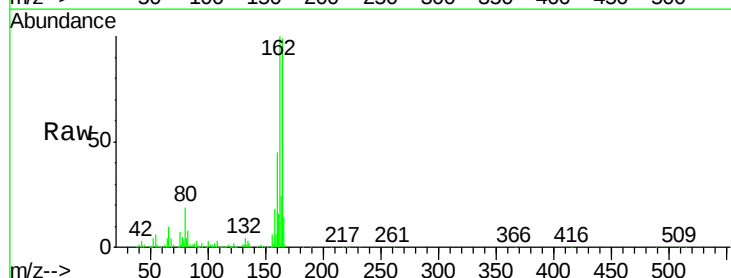
Instrument :
 BNA_G
 ClientSampleId :
 C2.3-03

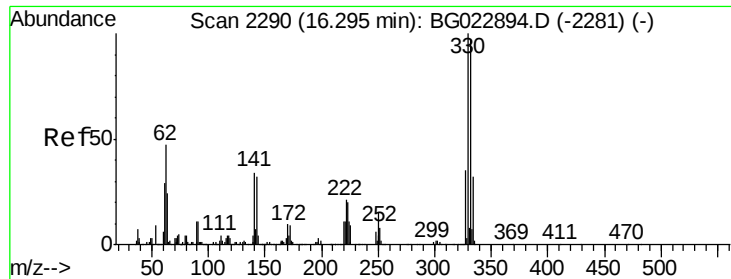
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.0	24.4	36.6
54	48.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022974.D
 Acq: 9 Jul 2016 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	87.7	131.5
160	45.9	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 113.05 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022974.D

Acq: 9 Jul 2016 20:49

Instrument :

BNA_G

ClientSampleId :

C2.3-03

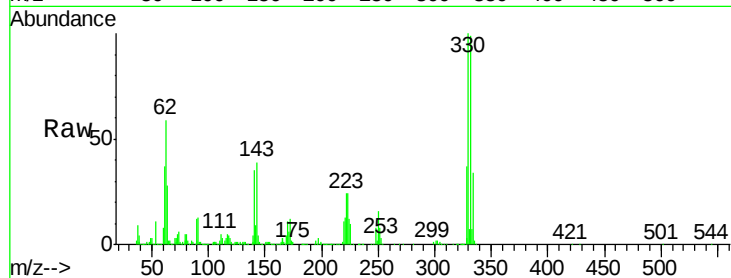
Tgt Ion:330 Resp: 697794

Ion Ratio Lower Upper

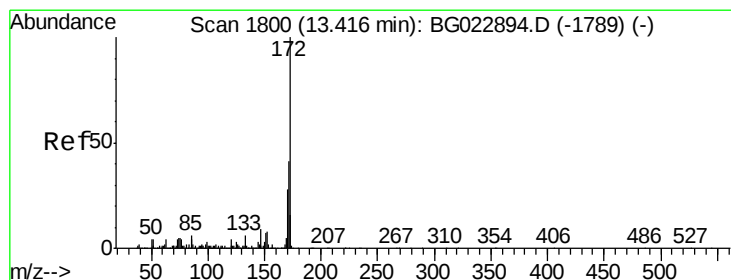
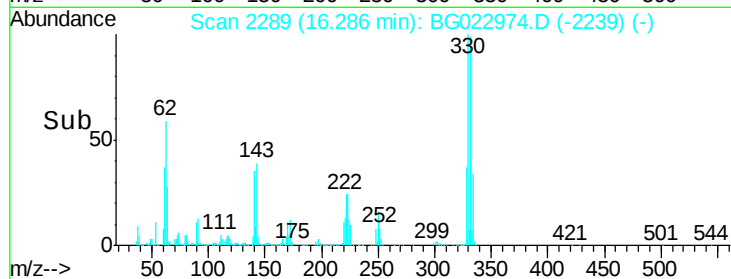
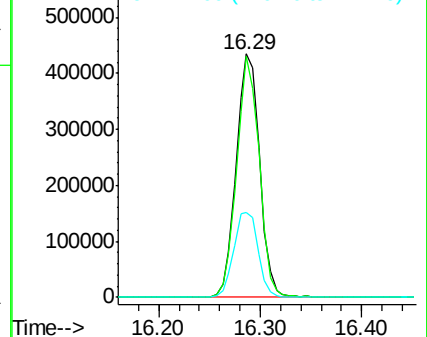
330 100

332 95.1 77.4 116.2

141 36.4 31.7 47.5



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: 79.09 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG022974.D

Acq: 9 Jul 2016 20:49

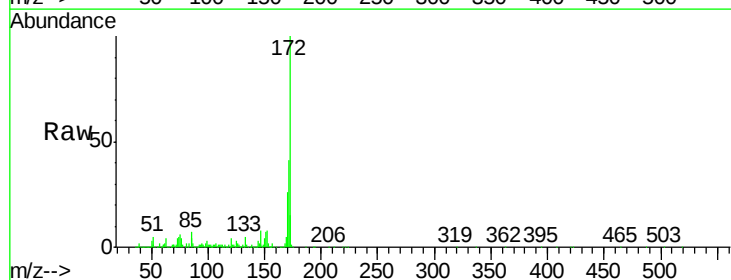
Tgt Ion:172 Resp: 1724367

Ion Ratio Lower Upper

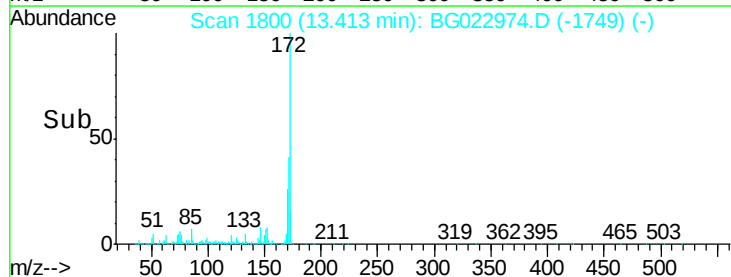
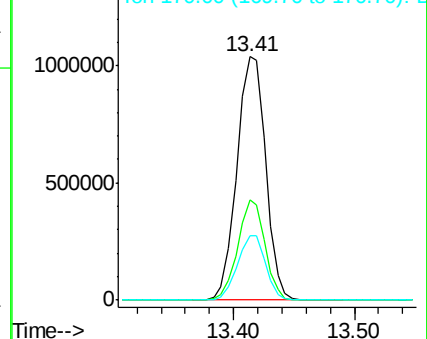
172 100

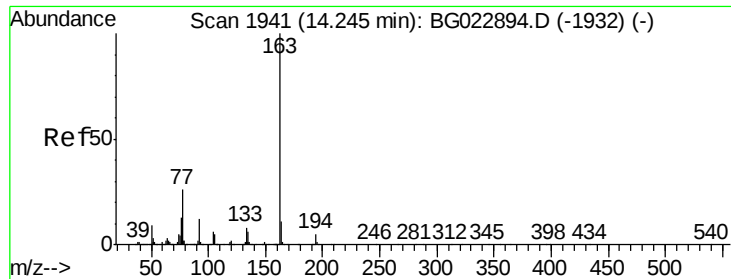
171 41.0 31.6 47.4

170 26.4 21.3 31.9



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

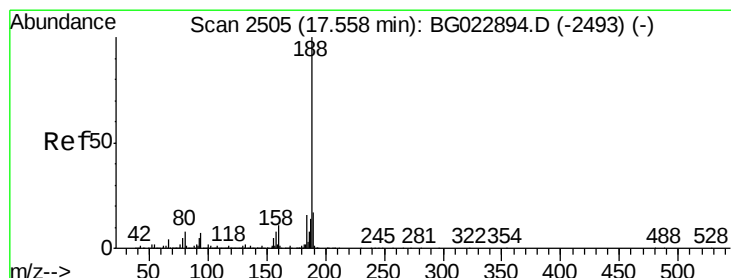
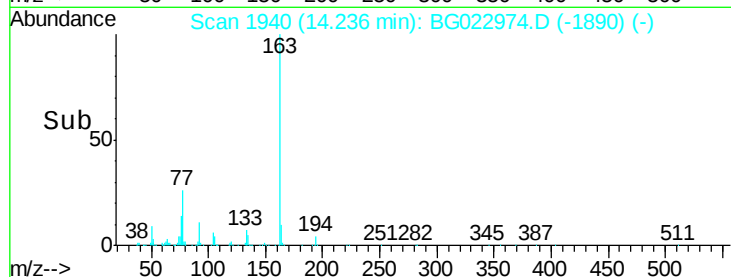
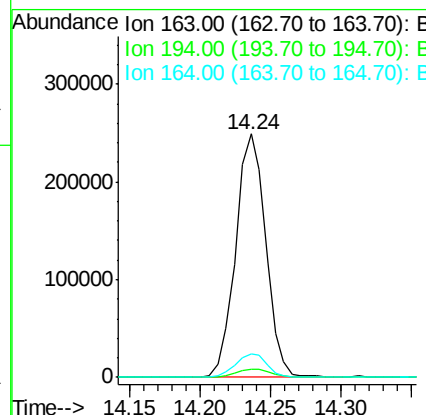
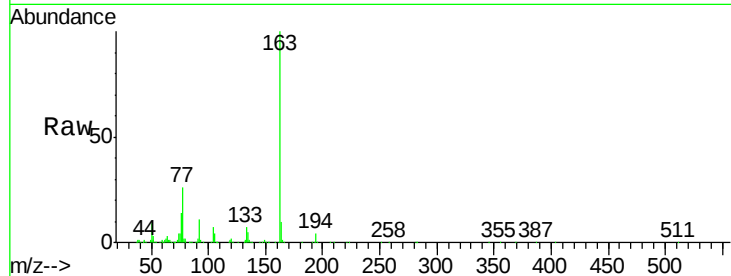




#49
Dimethylphthalate
Concen: 13.18 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

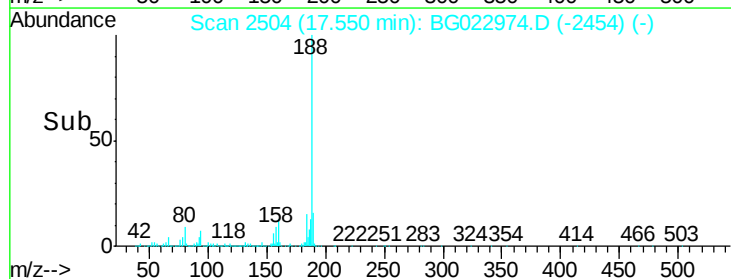
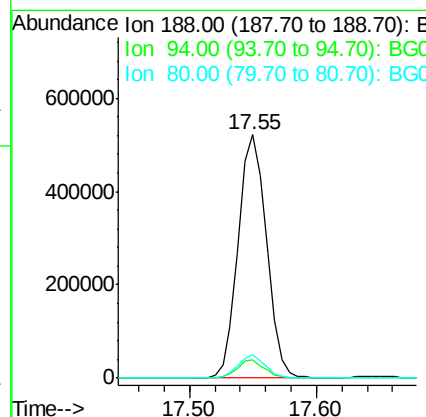
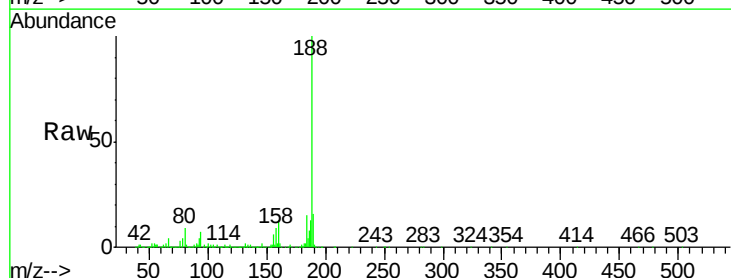
Instrument :
BNA_G
ClientSampleId :
C2.3-03

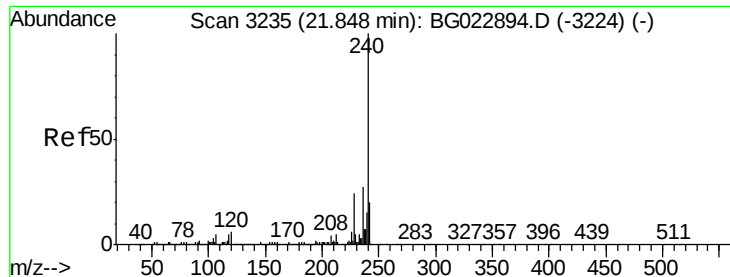
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4
164	9.7	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.2	7.8
80	9.5	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022974.D

Acq: 9 Jul 2016 20:49

Instrument :

BNA_G

ClientSampleId :

C2.3-03

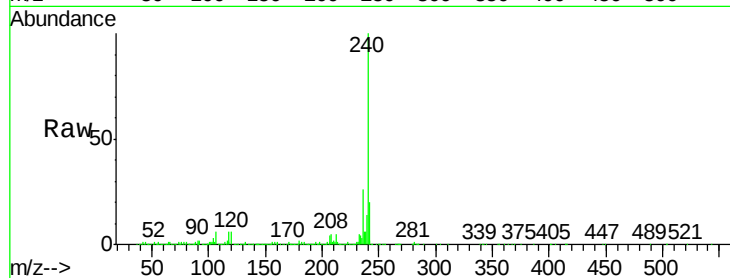
Tgt Ion:240 Resp: 900673

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

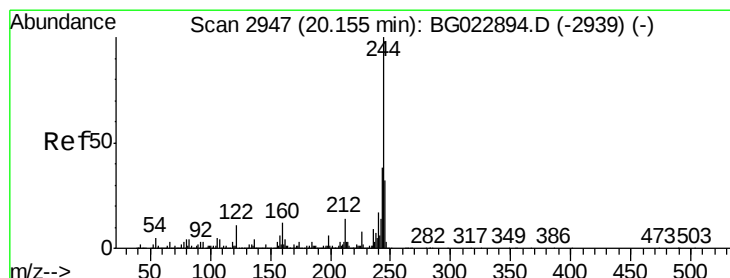
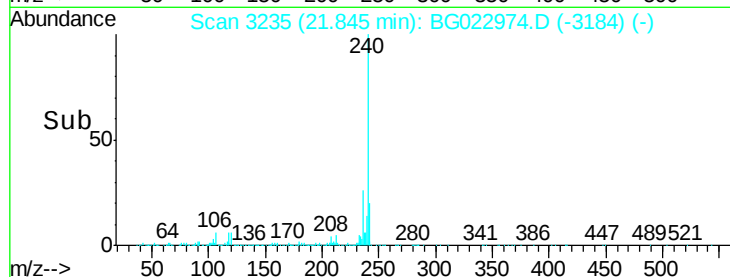
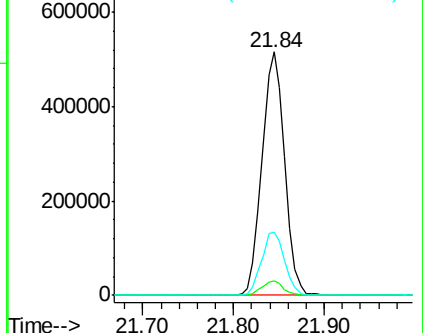
236 26.1 21.1 31.7



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: 83.67 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022974.D

Acq: 9 Jul 2016 20:49

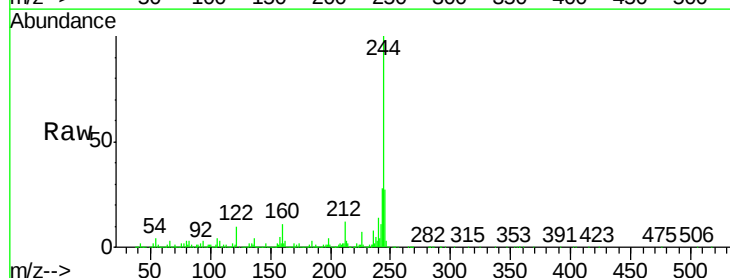
Tgt Ion:244 Resp: 2390110

Ion Ratio Lower Upper

244 100

212 12.1 10.8 16.2

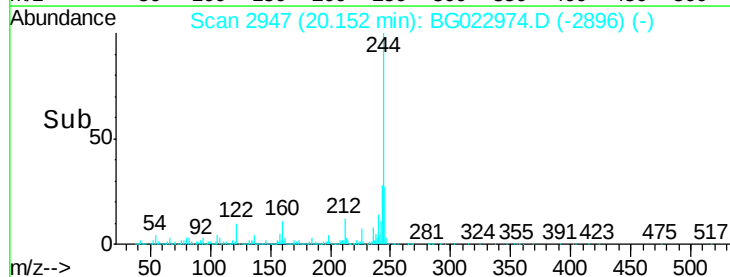
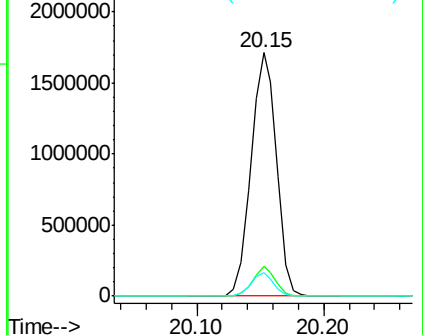
122 9.9 8.0 12.0

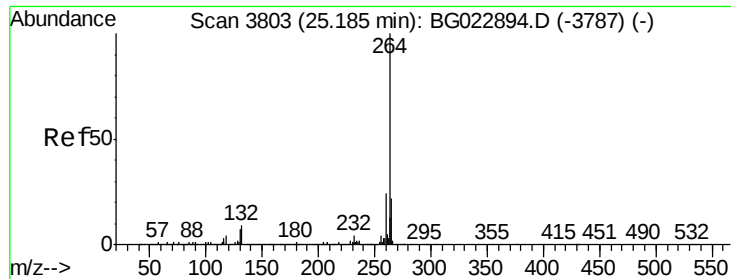


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3806
 Delta R.T. 0.01 min
 Lab File: BG022974.D
 Acq: 9 Jul 2016 20:49

Instrument :
 BNA_G
 ClientSampleId :
 C2.3-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	22.3	18.9	28.3

