

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110116\
 Data File : BG024622.D
 Acq On : 2 Nov 2016 10:52
 Operator : UM/SJ
 Sample : H5483-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-P42EB-AFM-20161027

Quant Time: Nov 02 13:20:26 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

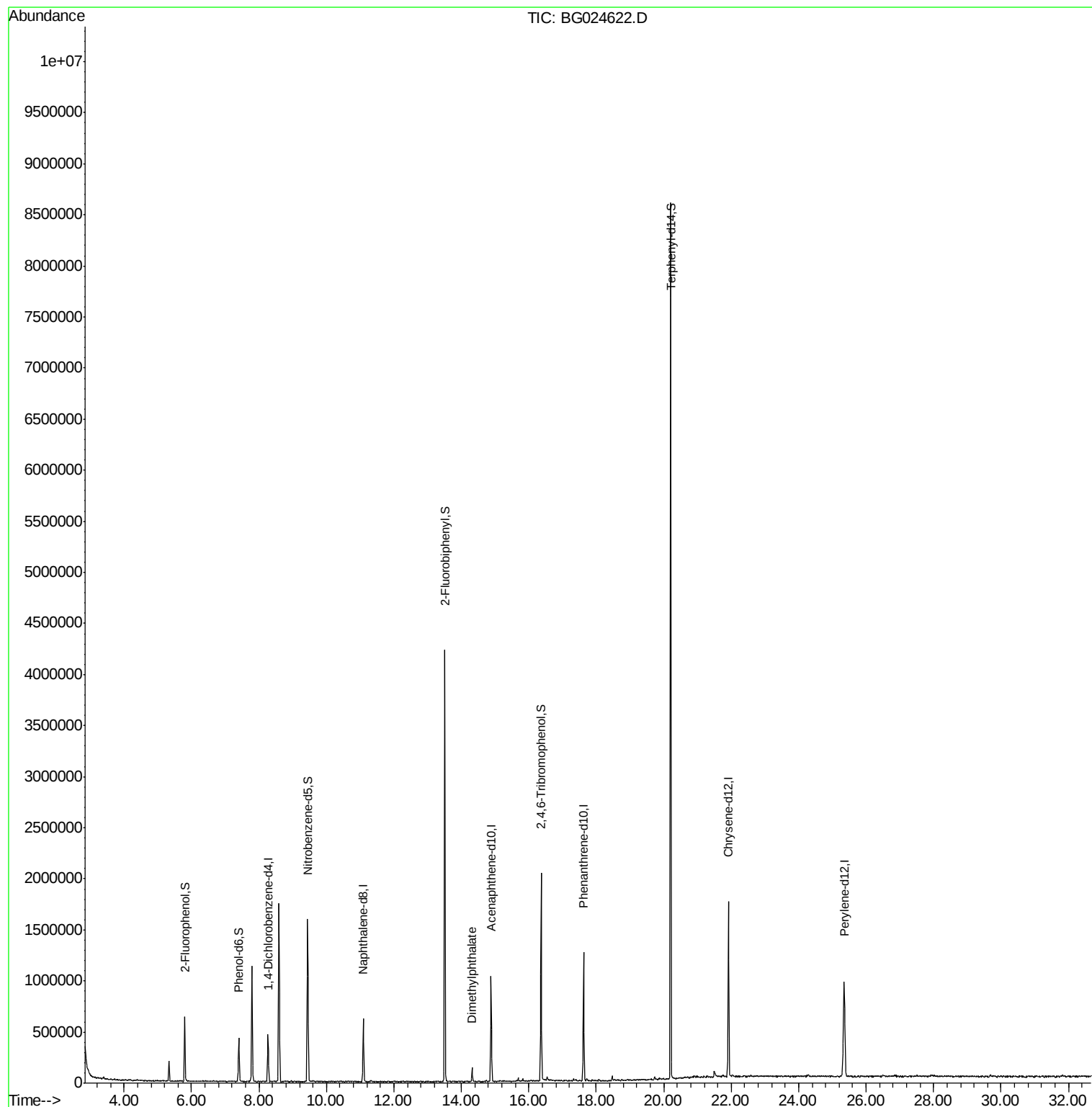
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	121203	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	501111	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	369027	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	816398	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1139889	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1173114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	264477	35.76	ng	0.00
7) Phenol-d6	7.40	99	235980	23.26	ng	0.00
23) Nitrobenzene-d5	9.44	82	1005331	91.34	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	411333	74.61	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2078710	93.62	ng	0.00
78) Terphenyl-d14	20.21	244	3481017	91.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	83138	3.17	ng	Qvalue # 92

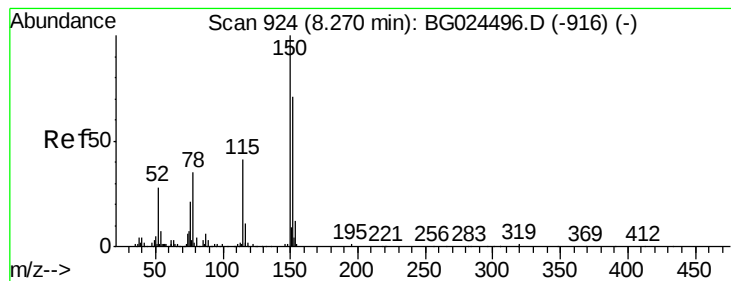
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 11:14:13 2016
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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: BG024622.D

Acq: 2 Nov 2016 10:52

Instrument :

BNA_G

ClientSampleId :

DS-P42EB-AFM-20161027

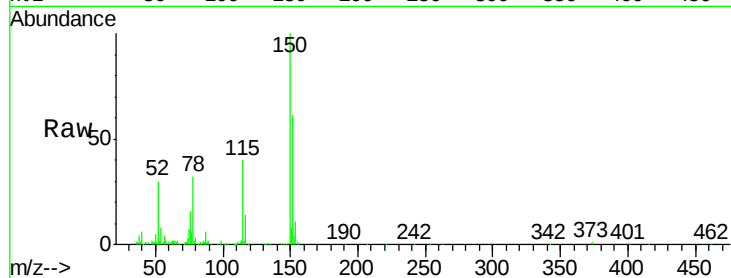
Tgt Ion:152 Resp: 121203

Ion Ratio Lower Upper

152 100

150 162.7 114.0 171.0

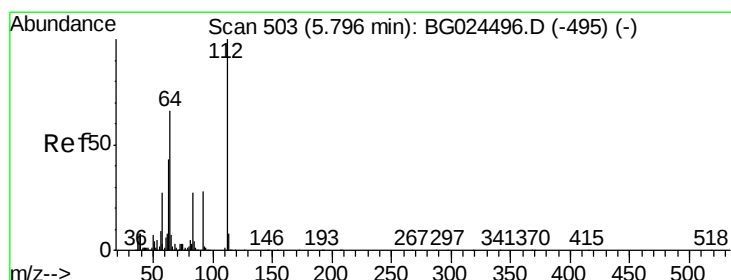
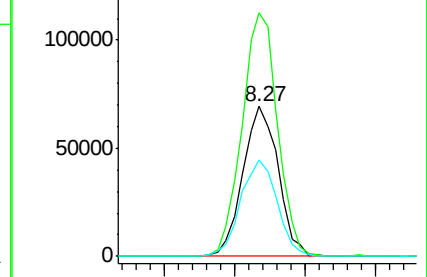
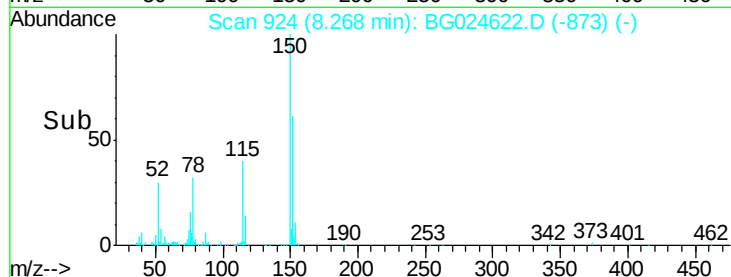
115 64.4 48.1 72.1



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: 35.76 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024622.D

Acq: 2 Nov 2016 10:52

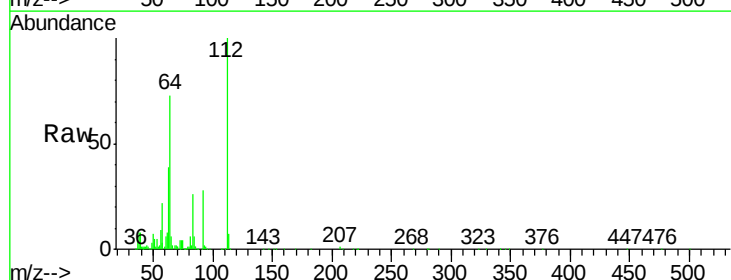
Tgt Ion:112 Resp: 264477

Ion Ratio Lower Upper

112 100

64 73.2 61.8 92.6

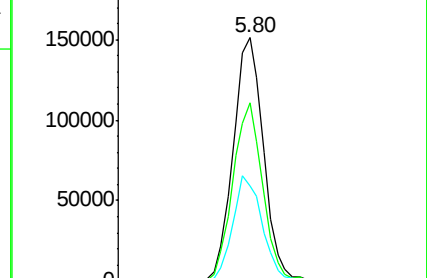
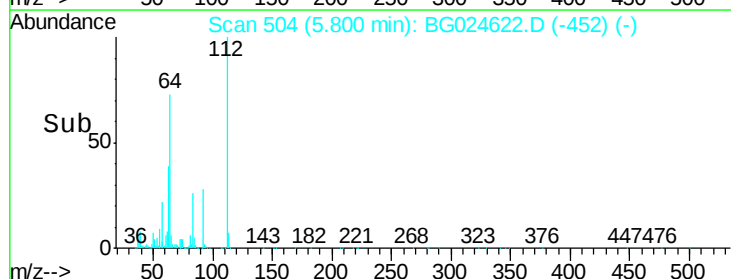
63 39.3 37.2 55.8

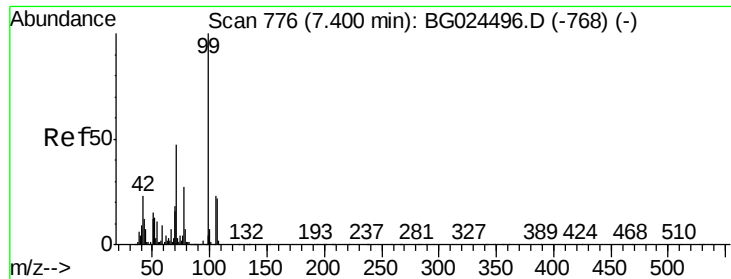


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.26 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024622.D

Acq: 2 Nov 2016 10:52

Instrument :

BNA_G

ClientSampleId :

DS-P42EB-AFM-20161027

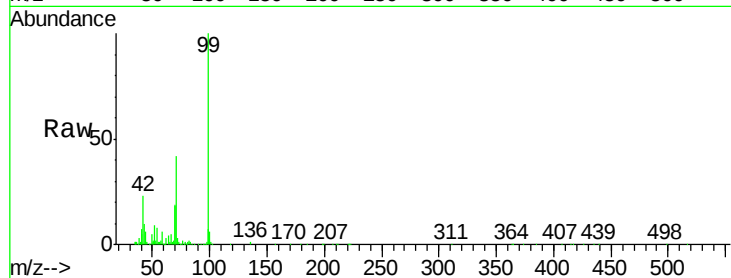
Tgt Ion: 99 Resp: 235980

Ion Ratio Lower Upper

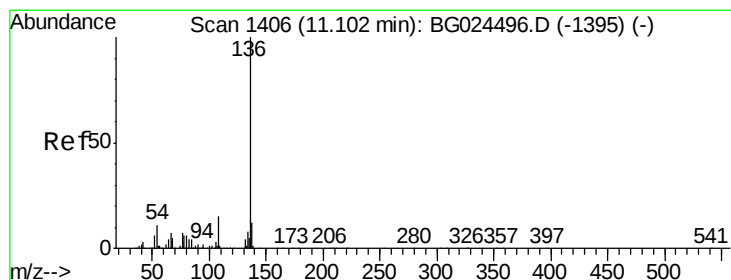
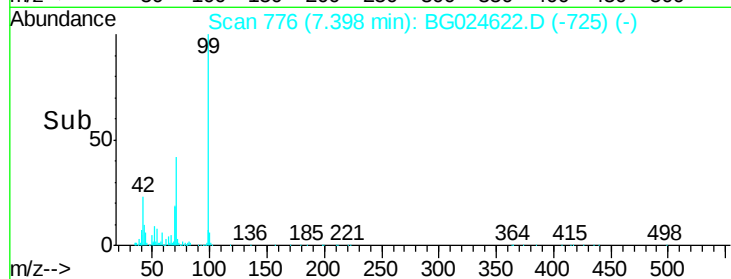
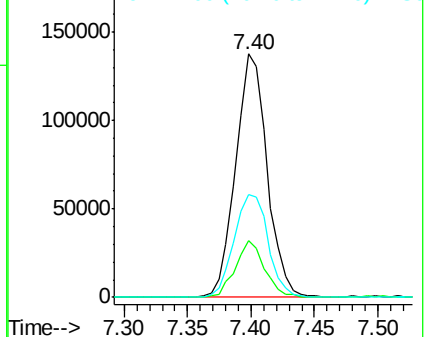
99 100

42 23.1 20.5 30.7

71 42.1 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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024622.D

Acq: 2 Nov 2016 10:52

Tgt Ion: 136 Resp: 501111

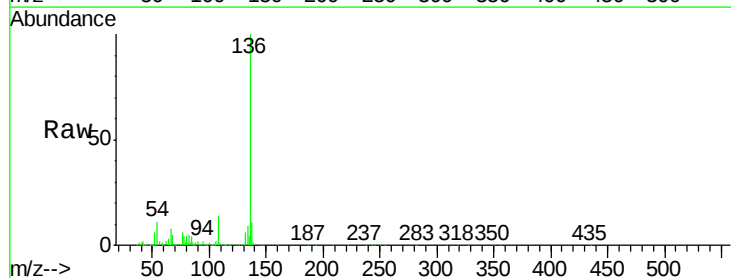
Ion Ratio Lower Upper

136 100

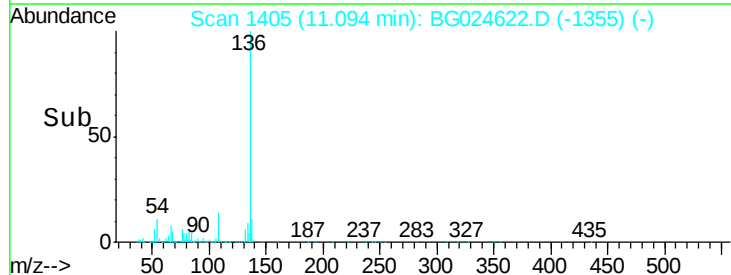
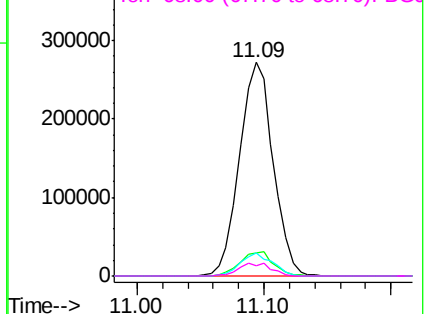
137 11.0 8.9 13.3

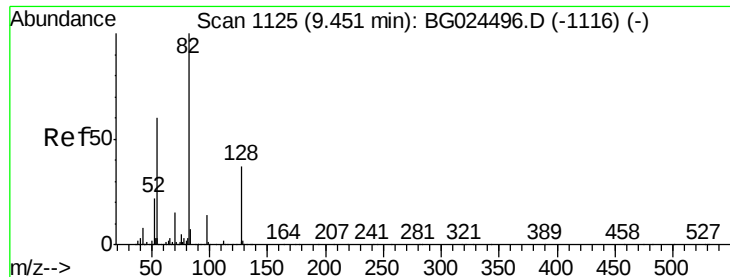
54 10.7 9.3 13.9

68 5.1 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

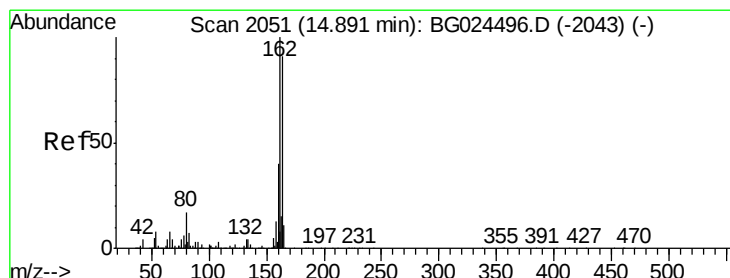
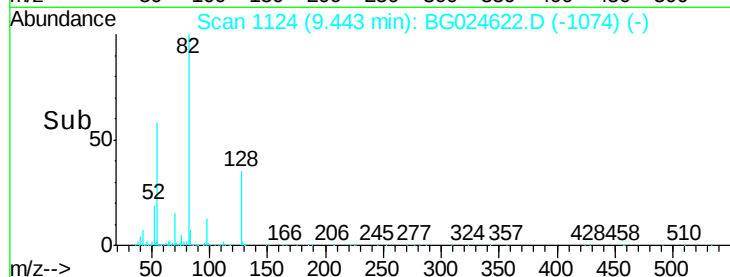
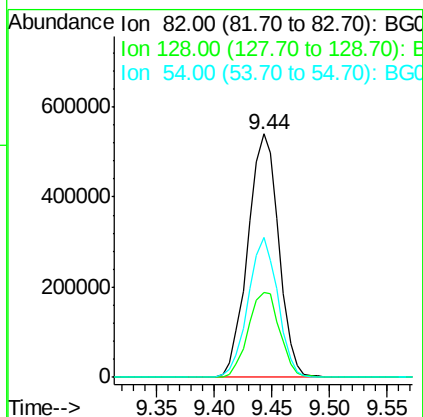
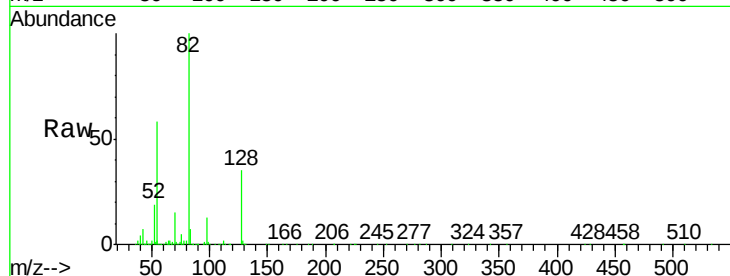




#23
Nitrobenzene-d5
Concen: 91.34 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024622.D
Acq: 2 Nov 2016 10:52

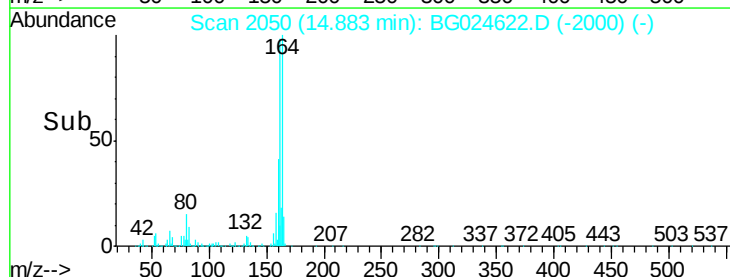
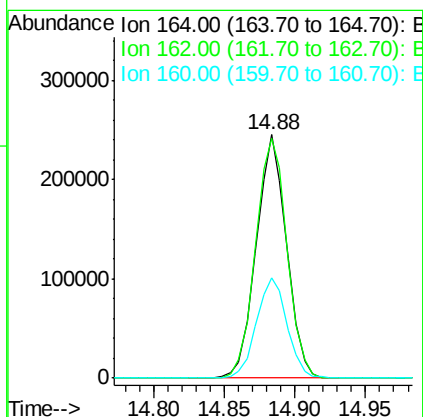
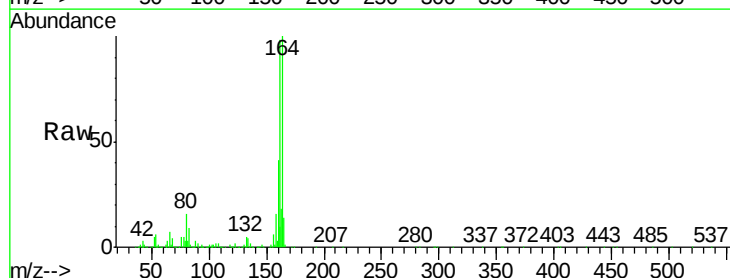
Instrument :
BNA_G
ClientSampleId :
DS-P42EB-AFM-20161027

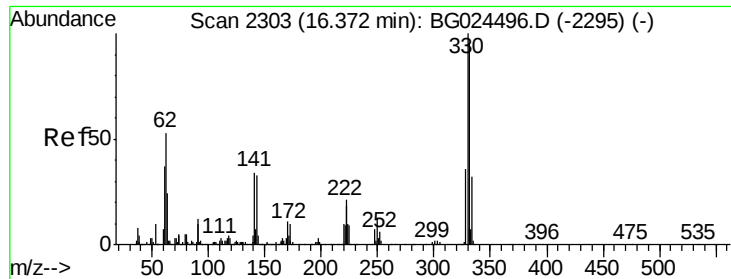
Tgt Ion: 82 Resp: 1005331
Ion Ratio Lower Upper
82 100
128 34.7 26.4 39.6
54 57.5 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024622.D
Acq: 2 Nov 2016 10:52

Tgt Ion: 164 Resp: 369027
Ion Ratio Lower Upper
164 100
162 98.4 85.1 127.7
160 41.2 34.7 52.1

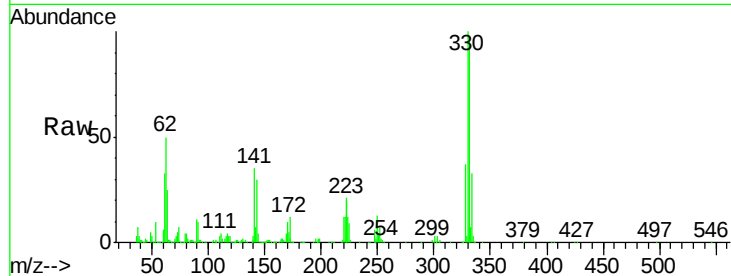




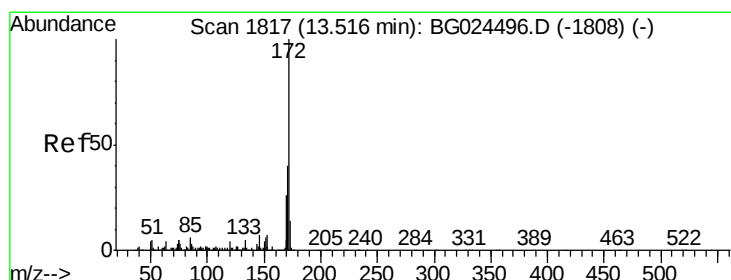
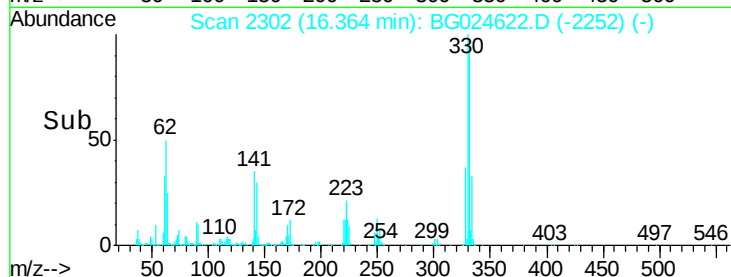
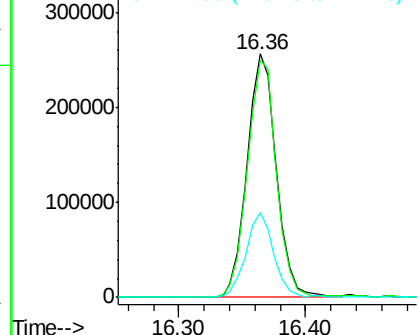
#41
 2,4,6-Tribromophenol
 Concen: 74.61 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024622.D
 Acq: 2 Nov 2016 10:52

Instrument :
 BNA_G
 ClientSampleId :
 DS-P42EB-AFM-20161027

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.9	32.1	48.1

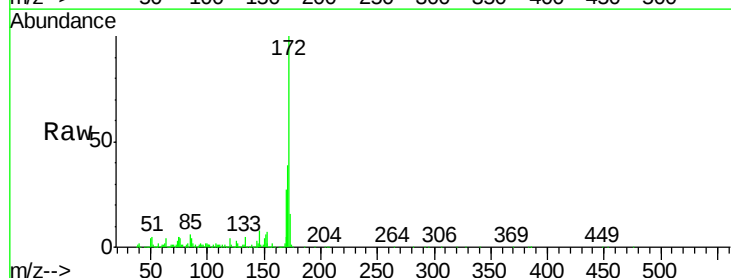


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

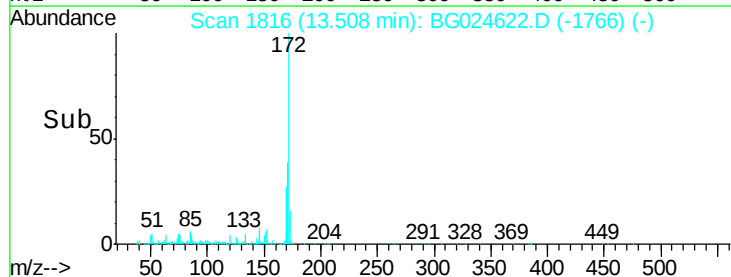
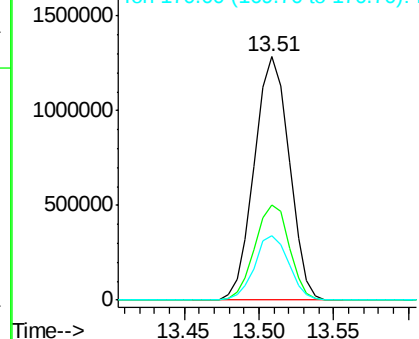


#44
 2-Fluorobiphenyl
 Concen: 93.62 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024622.D
 Acq: 2 Nov 2016 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	26.5	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: 3.17 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024622.D

Acq: 2 Nov 2016 10:52

Instrument :

BNA_G

ClientSampleId :

DS-P42EB-AFM-20161027

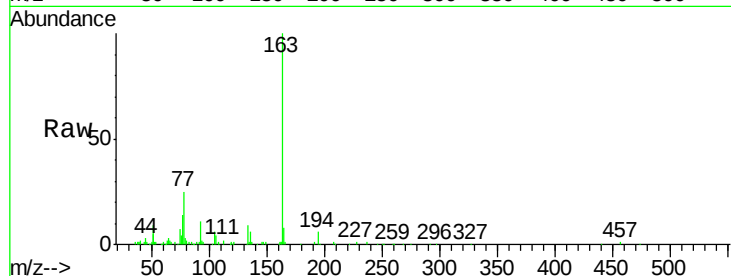
Tgt Ion:163 Resp: 83138

Ion Ratio Lower Upper

163 100

194 5.7 3.8 5.6#

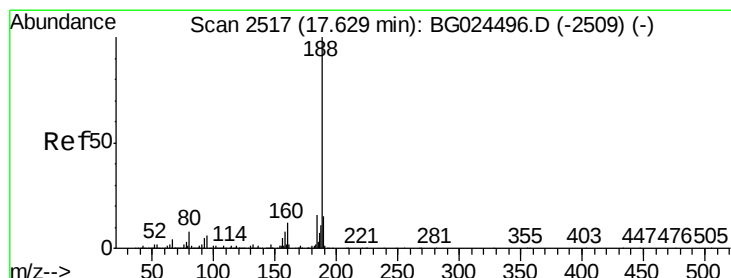
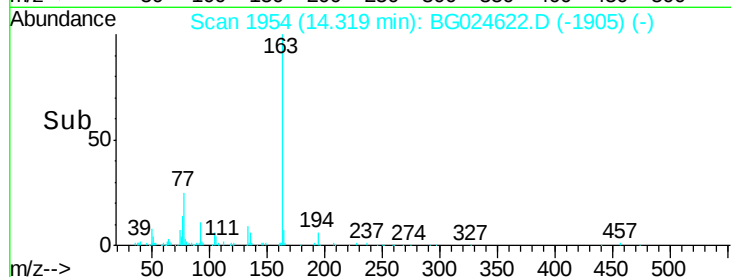
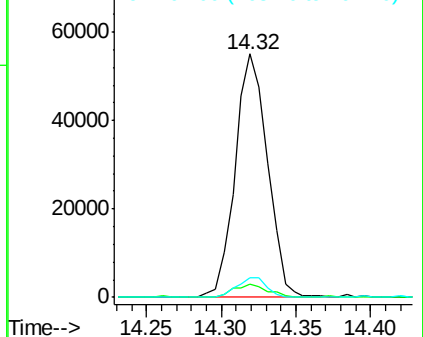
164 7.9 9.3 13.9#



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024622.D

Acq: 2 Nov 2016 10:52

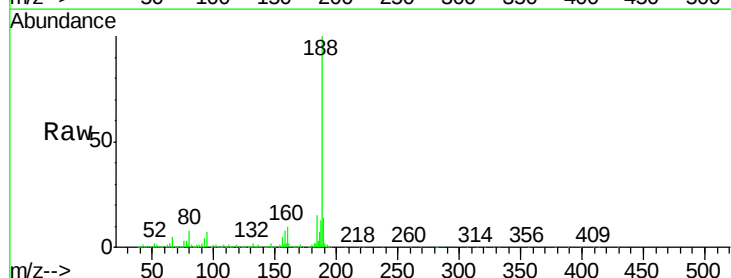
Tgt Ion:188 Resp: 816398

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

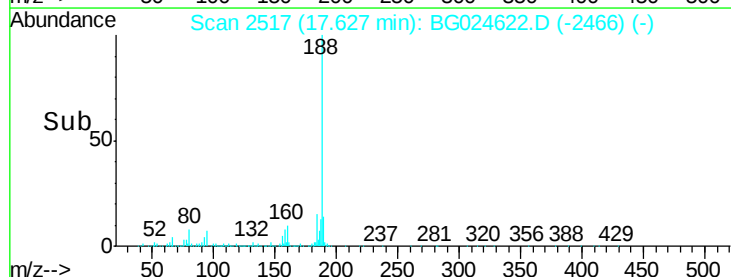
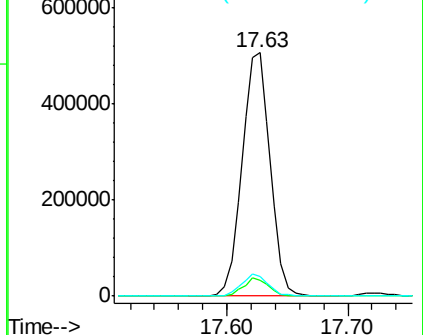
80 8.3 7.5 11.3

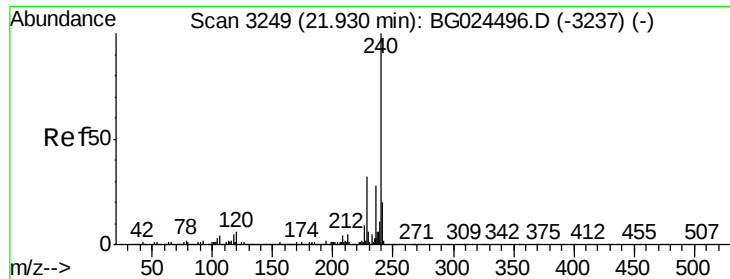


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

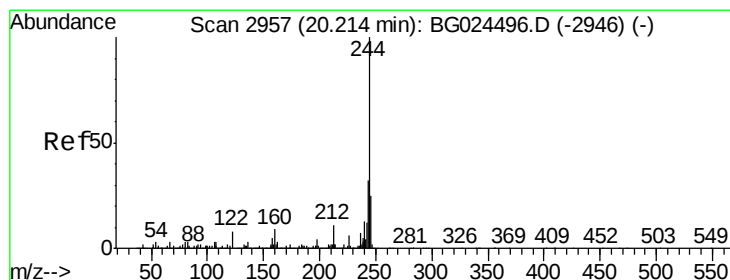
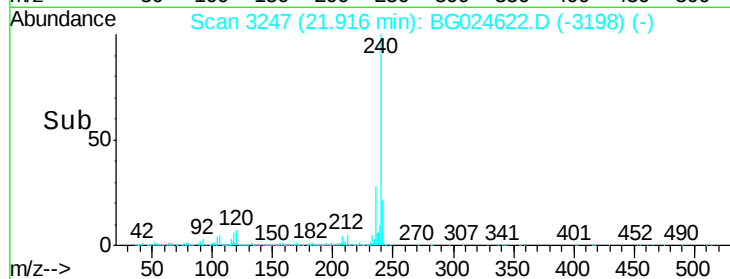
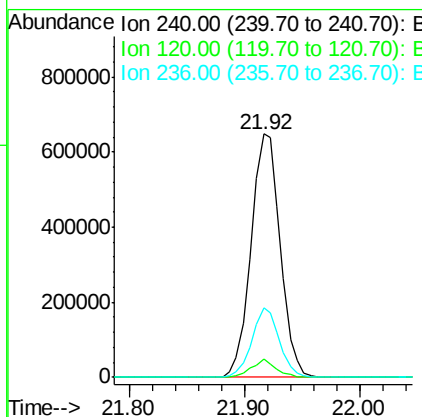
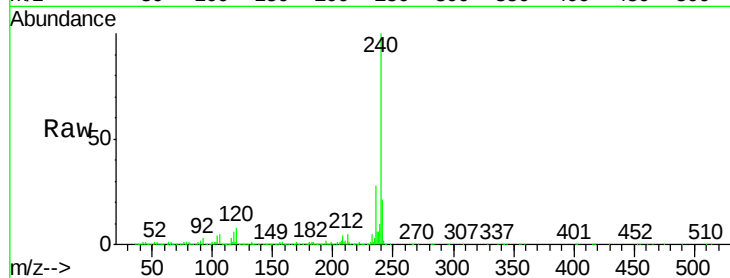




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024622.D
Acq: 2 Nov 2016 10:52

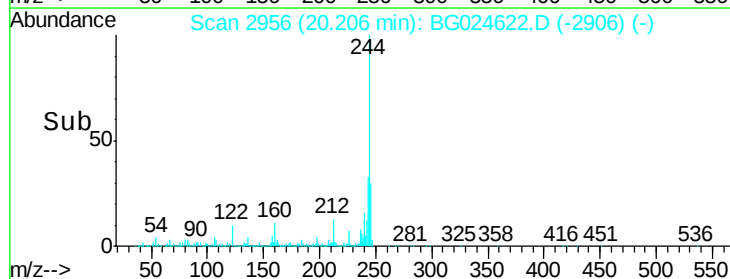
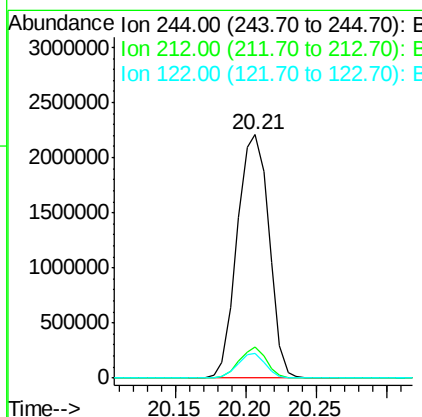
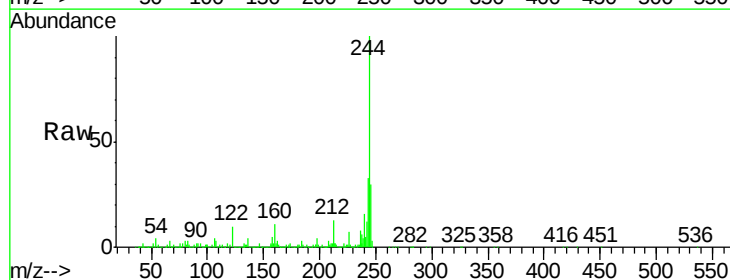
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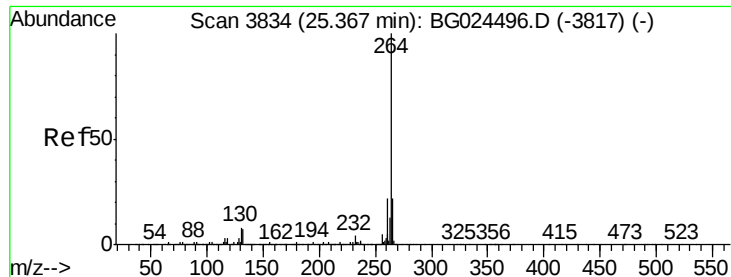
Tgt Ion:240 Resp: 1139889
Ion Ratio Lower Upper
240 100
120 7.5 5.7 8.5
236 28.5 22.2 33.4



#78
Terphenyl-d14
Concen: 91.25 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024622.D
Acq: 2 Nov 2016 10:52

Tgt Ion:244 Resp: 3481017
Ion Ratio Lower Upper
244 100
212 12.6 10.0 15.0
122 10.3 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024622.D
Acq: 2 Nov 2016 10:52

Instrument :
BNA_G
ClientSampleId :
DS-P42EB-AFM-20161027

Tgt Ion:264 Resp: 1173114

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	19.9	18.2	27.4

