

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024621.D
 Acq On : 2 Nov 2016 10:13
 Operator : UM/SJ
 Sample : H5483-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Nov 02 13:18:06 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

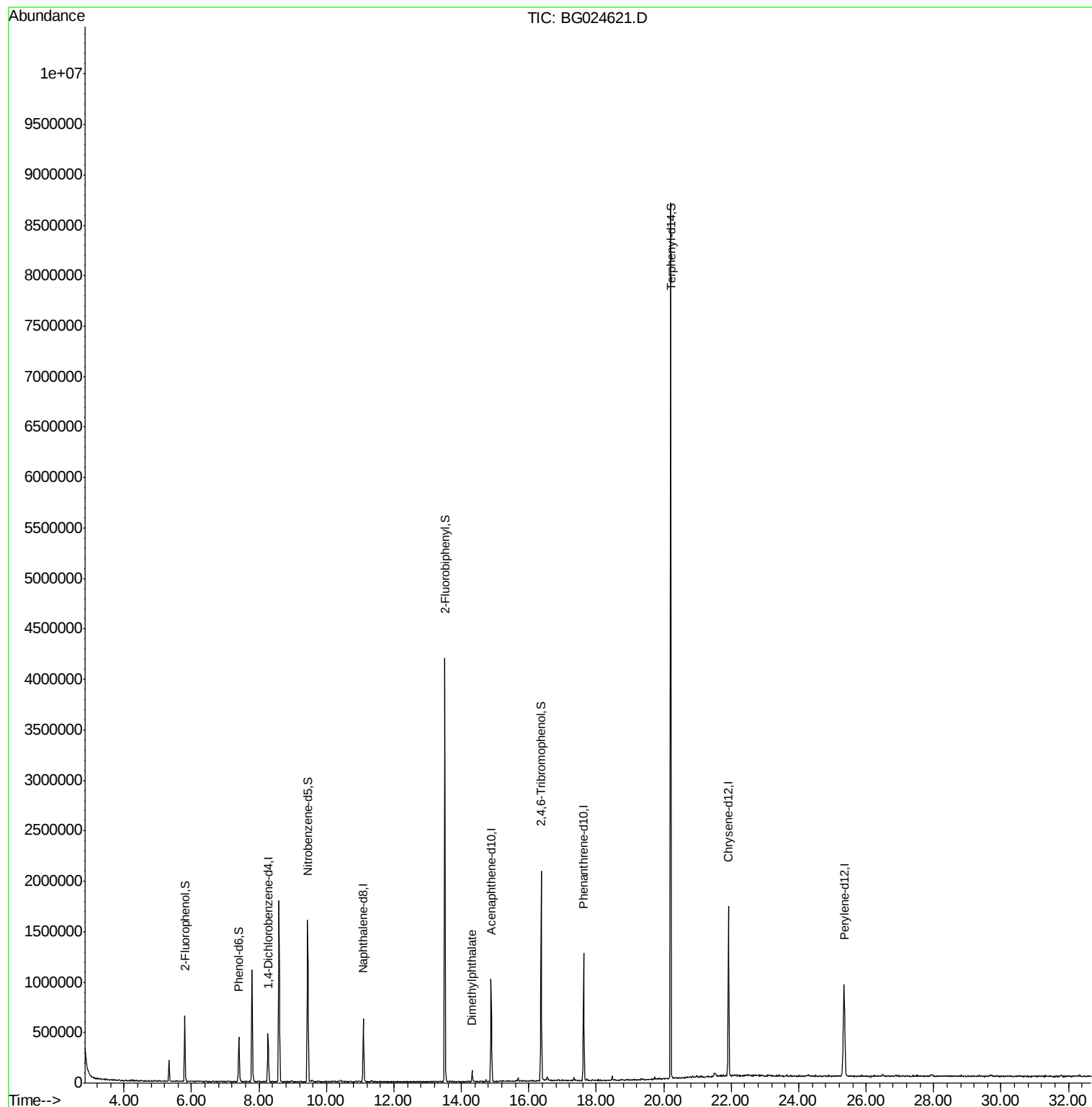
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	122901	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	510317	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	373075	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	810181	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1115509	20.00	ng	-0.02
86) Perylene-d12	25.35	264	1165775	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	255569	34.08	ng	0.00
7) Phenol-d6	7.40	99	248187	24.13	ng	0.00
23) Nitrobenzene-d5	9.44	82	998114	89.05	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	418637	75.11	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2077470	92.55	ng	0.00
78) Terphenyl-d14	20.21	244	3435671	92.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	70298	2.65	ng	Qvalue # 92

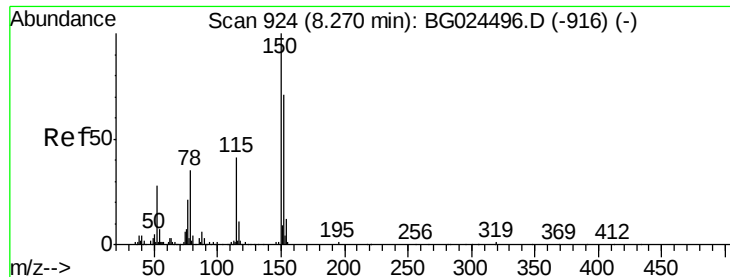
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024621.D

Acq: 2 Nov 2016 10:13

Instrument :

BNA_G

ClientSampleId :

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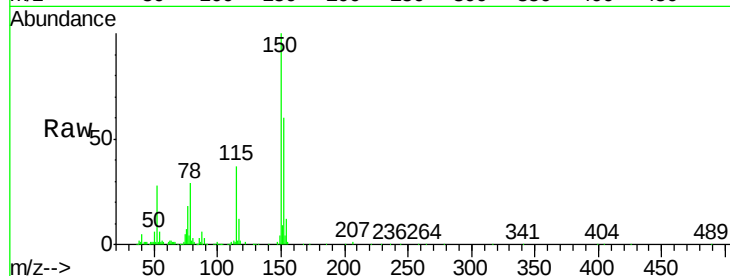
Tot Ion:152 Resp: 122901

Ion Ratio Lower Upper

152 100

150 167.2 114.0 171.0

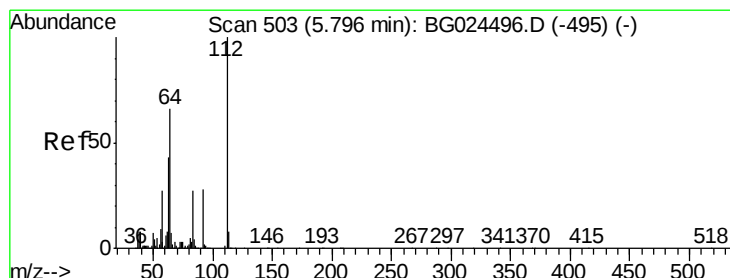
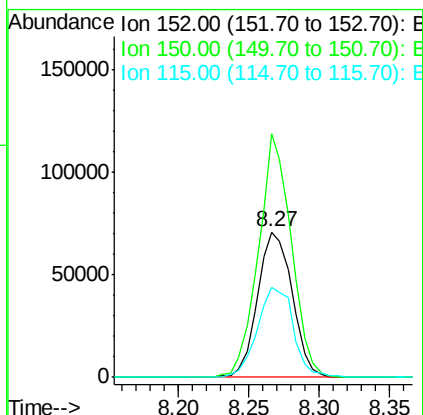
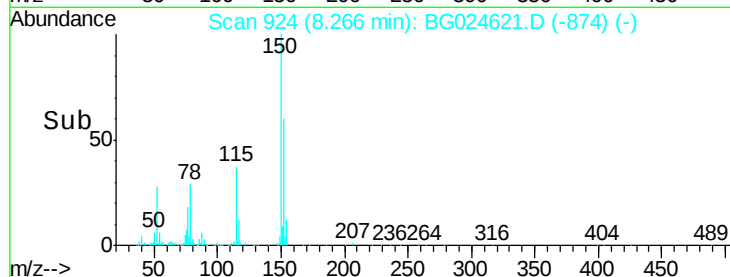
115 61.8 48.1 72.1



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: 34.08 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024621.D

Acq: 2 Nov 2016 10:13

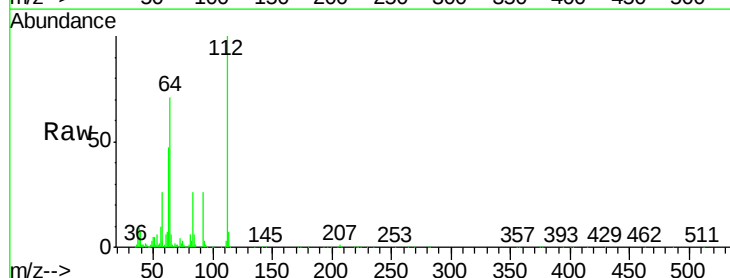
Tgt Ion:112 Resp: 255569

Ion Ratio Lower Upper

112 100

64 71.2 61.8 92.6

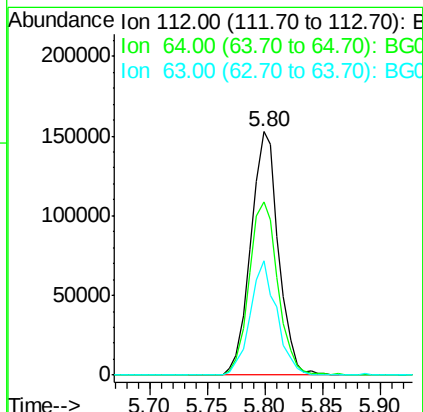
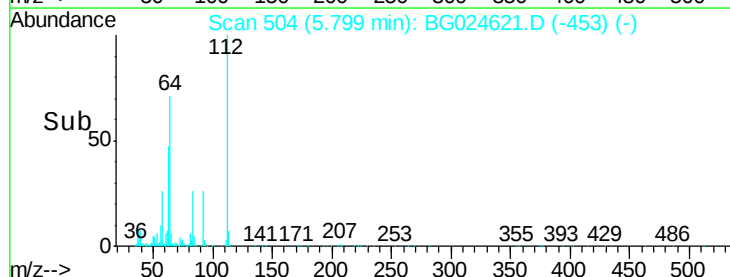
63 46.9 37.2 55.8

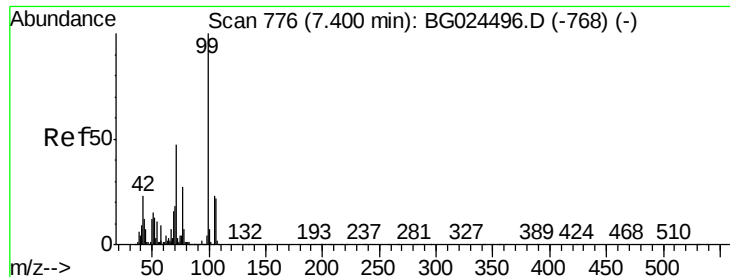


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.13 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024621.D

Acq: 2 Nov 2016 10:13

Instrument :

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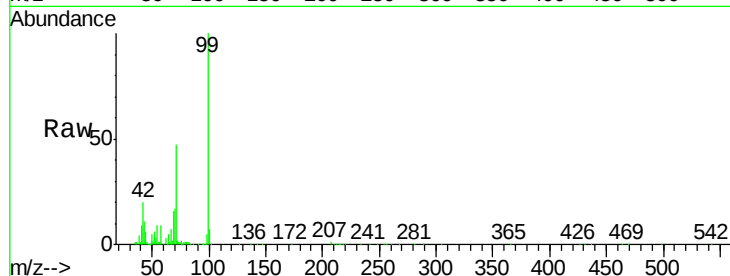
Tot Ion: 99 Resp: 248187

Ion Ratio Lower Upper

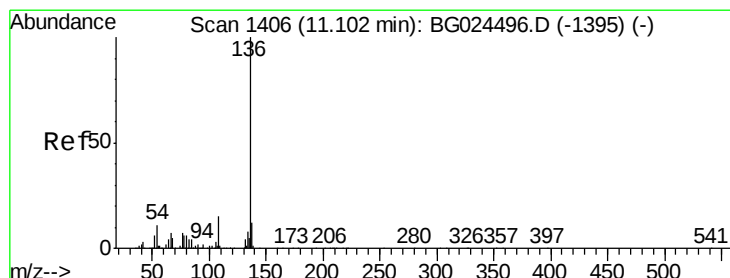
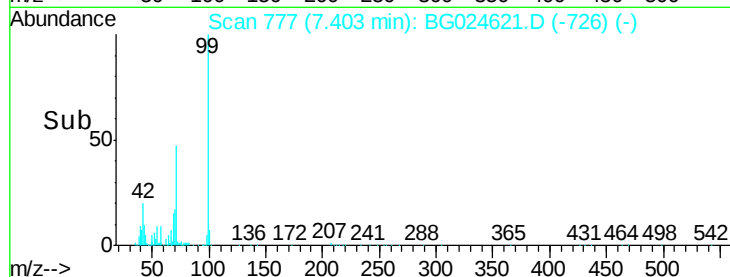
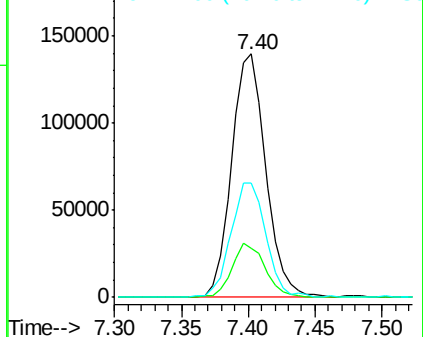
99 100

42 20.1 20.5 30.7#

71 47.1 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: BG024621.D

Acq: 2 Nov 2016 10:13

Tgt Ion: 136 Resp: 510317

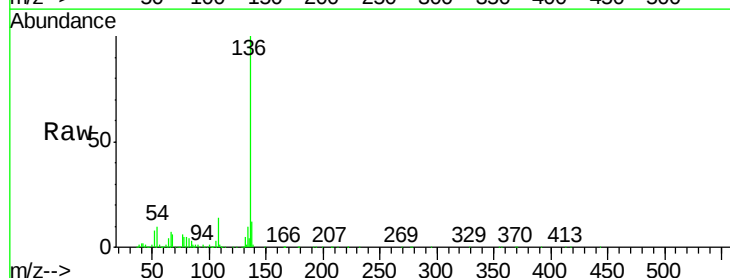
Ion Ratio Lower Upper

136 100

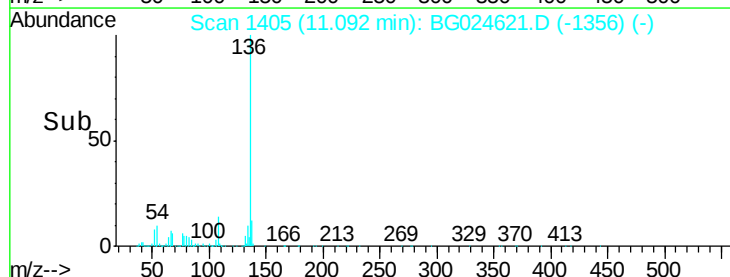
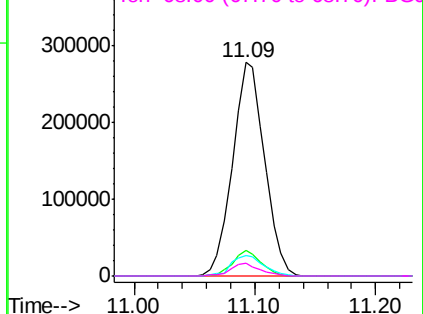
137 11.8 8.9 13.3

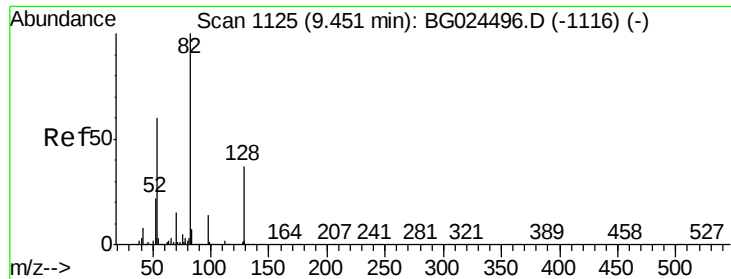
54 9.6 9.3 13.9

68 5.7 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

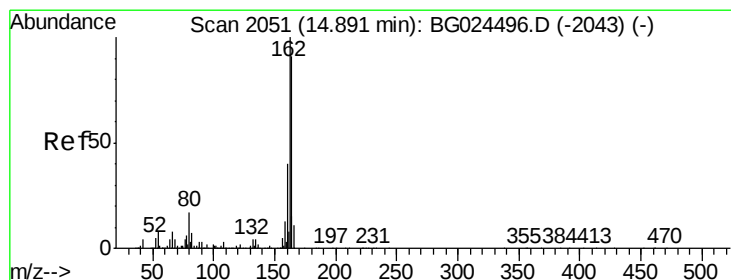
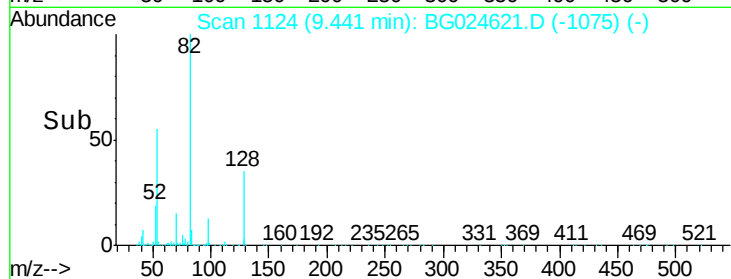
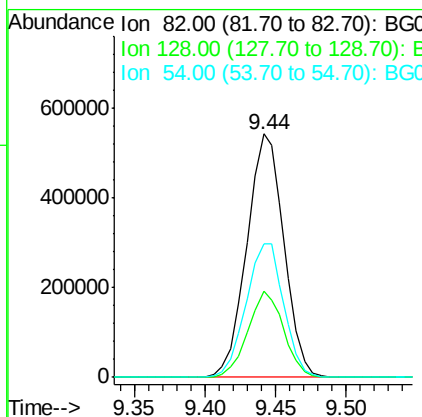
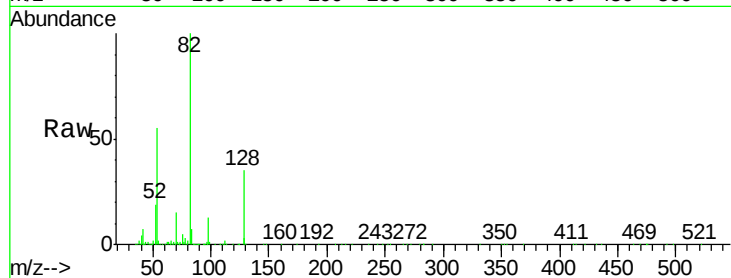




#23
Nitrobenzene-d5
Concen: 89.05 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024621.D
Acq: 2 Nov 2016 10:13

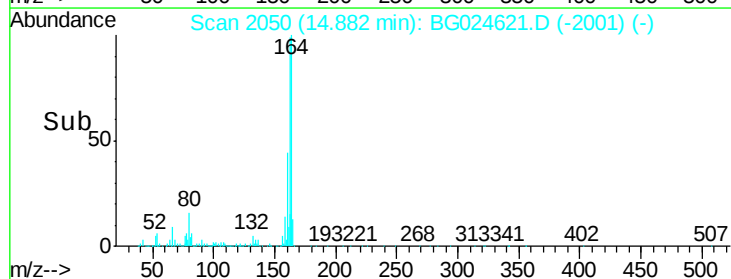
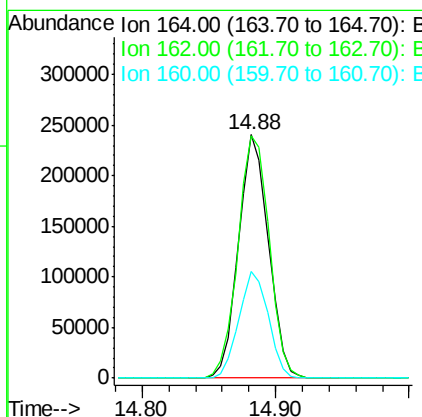
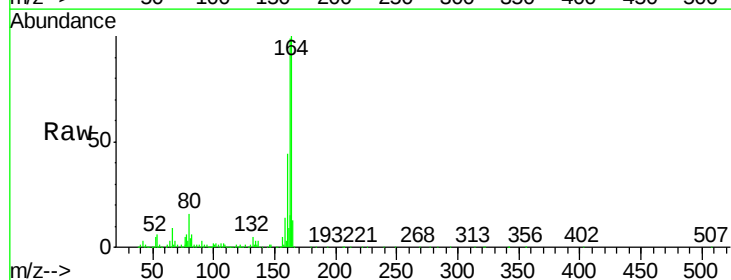
Instrument :
BNA_G
ClientSampleId :
DS-P42EB-PFM-20161027

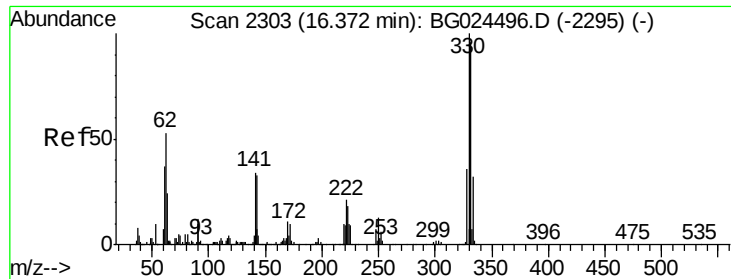
Tot Ion	82	Resp	998114
Ion Ratio	Lower	Upper	
82	100		
128	35.4	26.4	39.6
54	55.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024621.D
Acq: 2 Nov 2016 10:13

Tgt Ion	164	Resp	373075
Ion Ratio	Lower	Upper	
164	100		
162	99.4	85.1	127.7
160	43.8	34.7	52.1

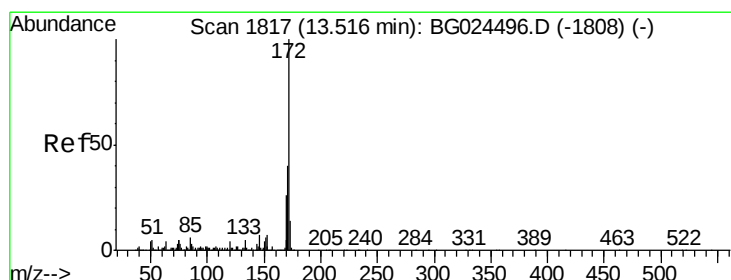
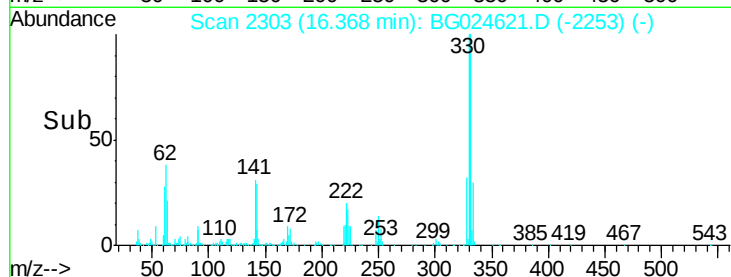
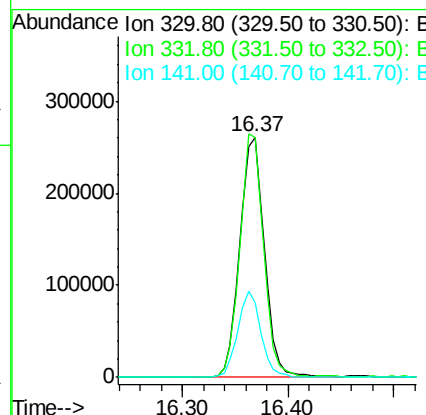
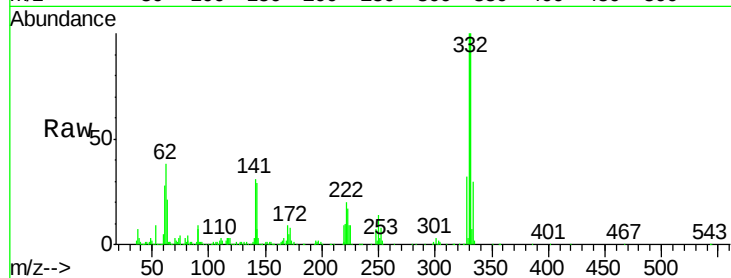




#41
 2,4,6-Tribromophenol
 Concen: 75.11 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024621.D
 Acq: 2 Nov 2016 10:13

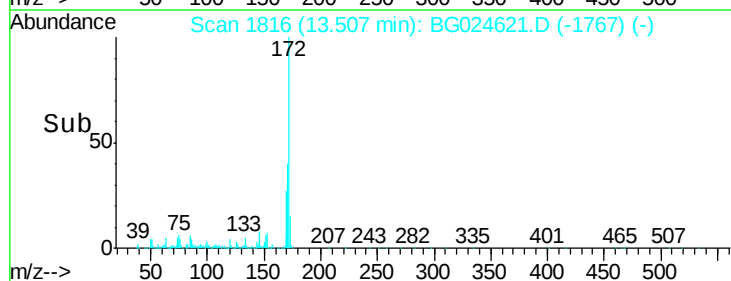
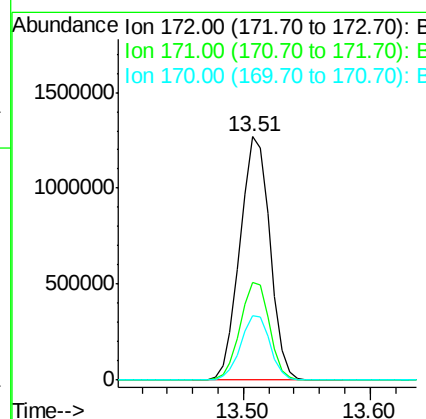
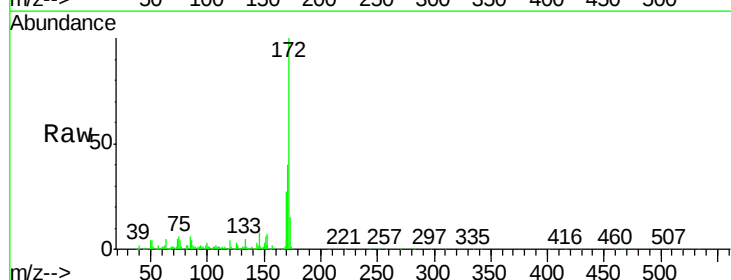
Instrument :
 BNA_G
 ClientSampleId :
 DS-P42EB-PFM-20161027

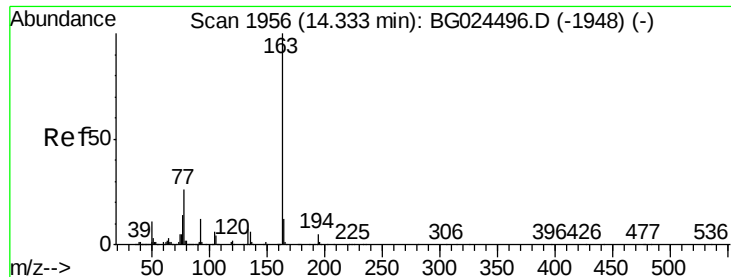
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.4	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.55 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024621.D
 Acq: 2 Nov 2016 10:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.2	48.2
170	26.7	21.8	32.6





#49

Dimethylphthalate

Concen: 2.65 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024621.D

Acq: 2 Nov 2016 10:13

Instrument :

BNA_G

ClientSampleId :

DS-P42EB-PFM-20161027

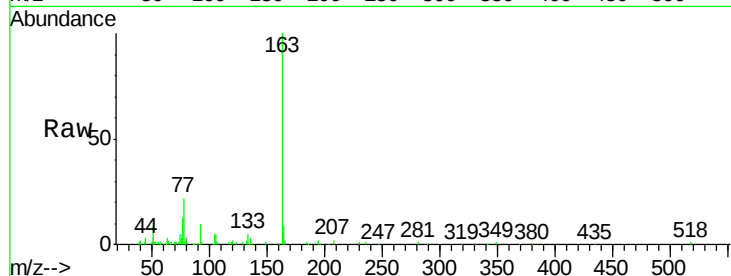
Tot Ion:163 Resp: 70298

Ion Ratio Lower Upper

163 100

194 1.6 3.8 5.6#

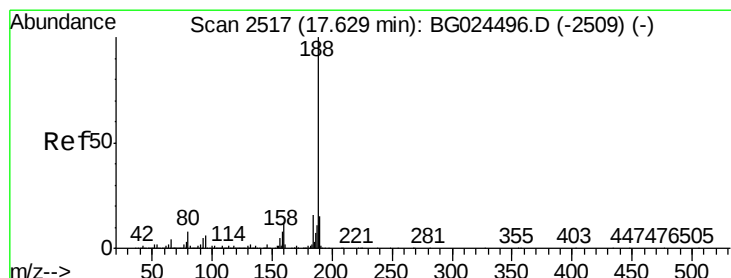
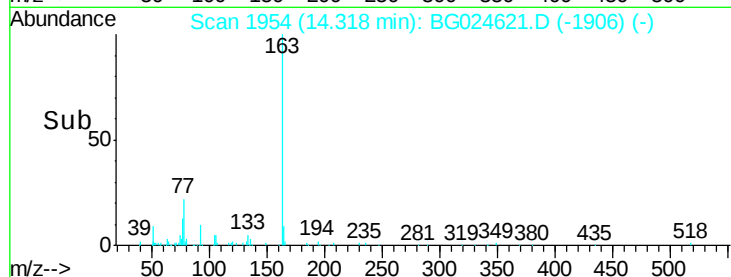
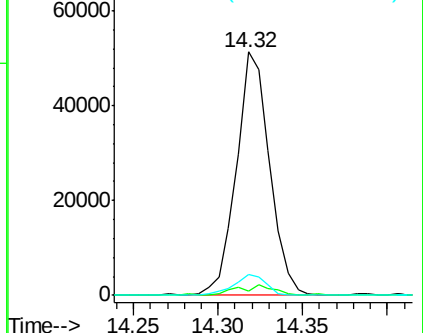
164 8.7 9.3 13.9#



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: BG024621.D

Acq: 2 Nov 2016 10:13

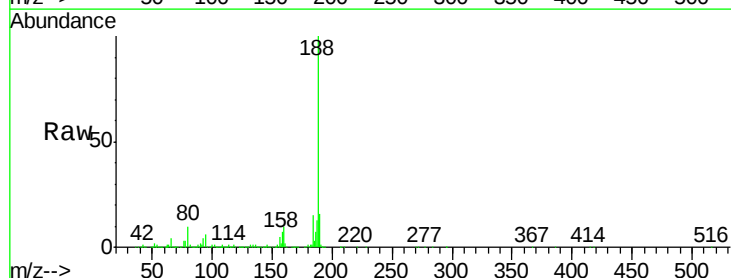
Tgt Ion:188 Resp: 810181

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

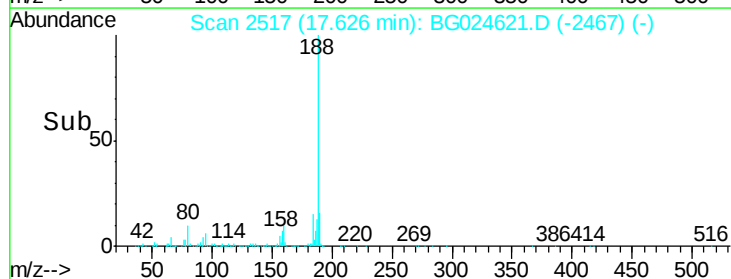
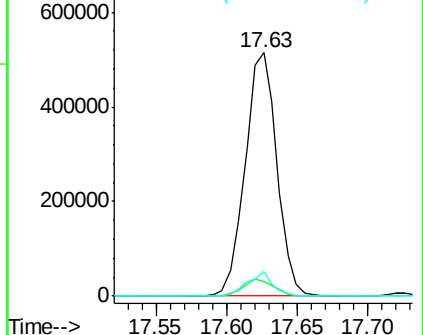
80 10.2 7.5 11.3

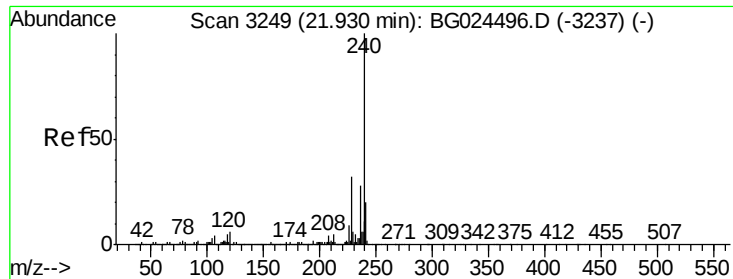


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

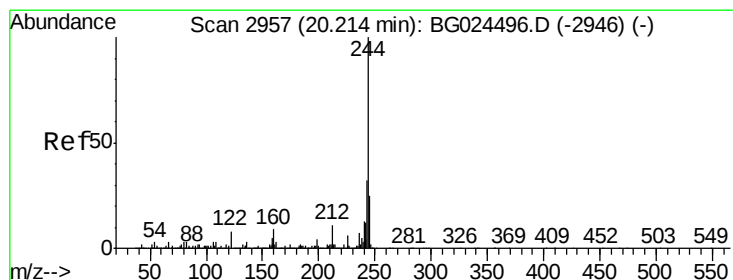
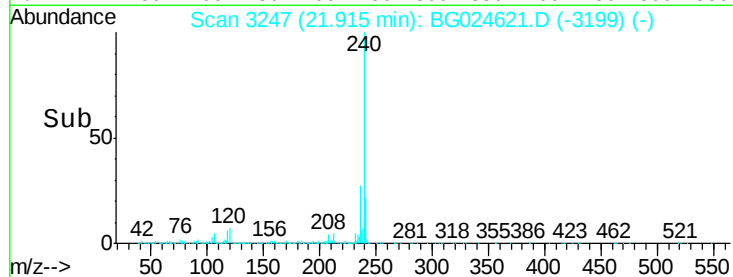
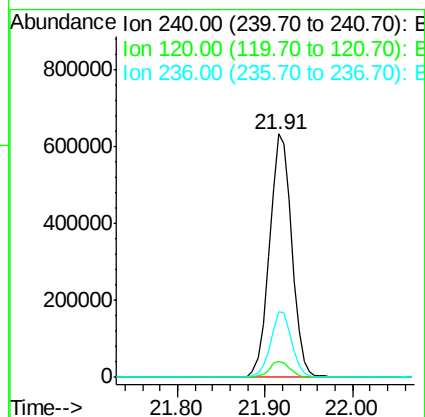
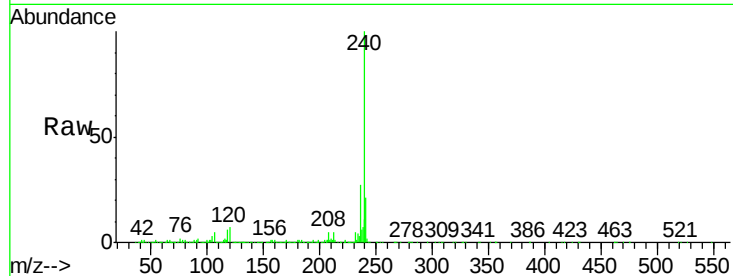




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. -0.02 min
 Lab File: BG024621.D
 Acq: 2 Nov 2016 10:13

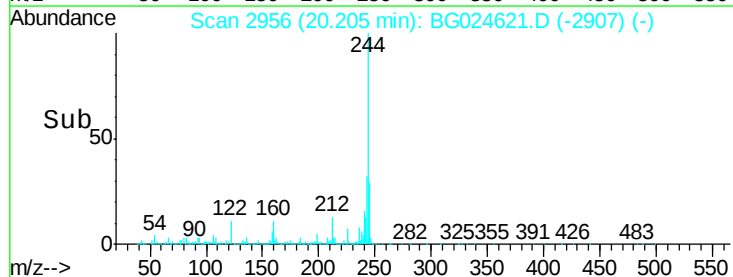
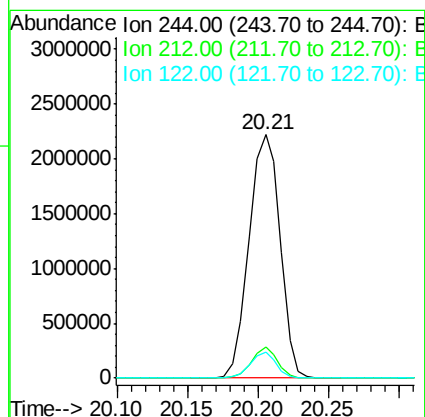
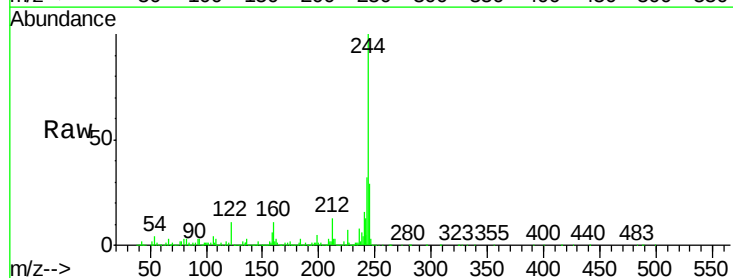
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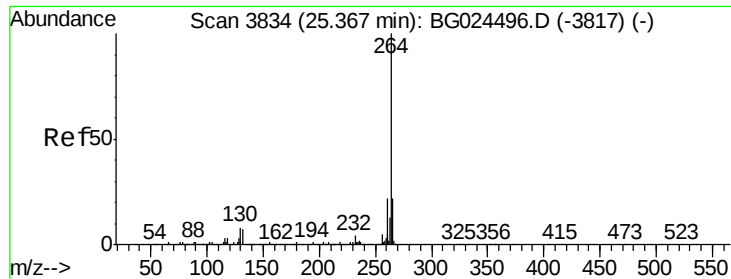
Tot Ion:240 Resp: 1115509
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.7 8.5
 236 27.2 22.2 33.4



#78
 Terphenyl-d14
 Concen: 92.03 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024621.D
 Acq: 2 Nov 2016 10:13

Tgt Ion:244 Resp: 3435671
 Ion Ratio Lower Upper
 244 100
 212 12.7 10.0 15.0
 122 10.7 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024621.D
Acq: 2 Nov 2016 10:13

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

Tot Ion:264 Resp: 1165775

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	23.5	18.2	27.4

