

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024592.D
 Acq On : 1 Nov 2016 14:40
 Operator : UM/SJ
 Sample : H5478-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Quant Time: Nov 02 03:11:56 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

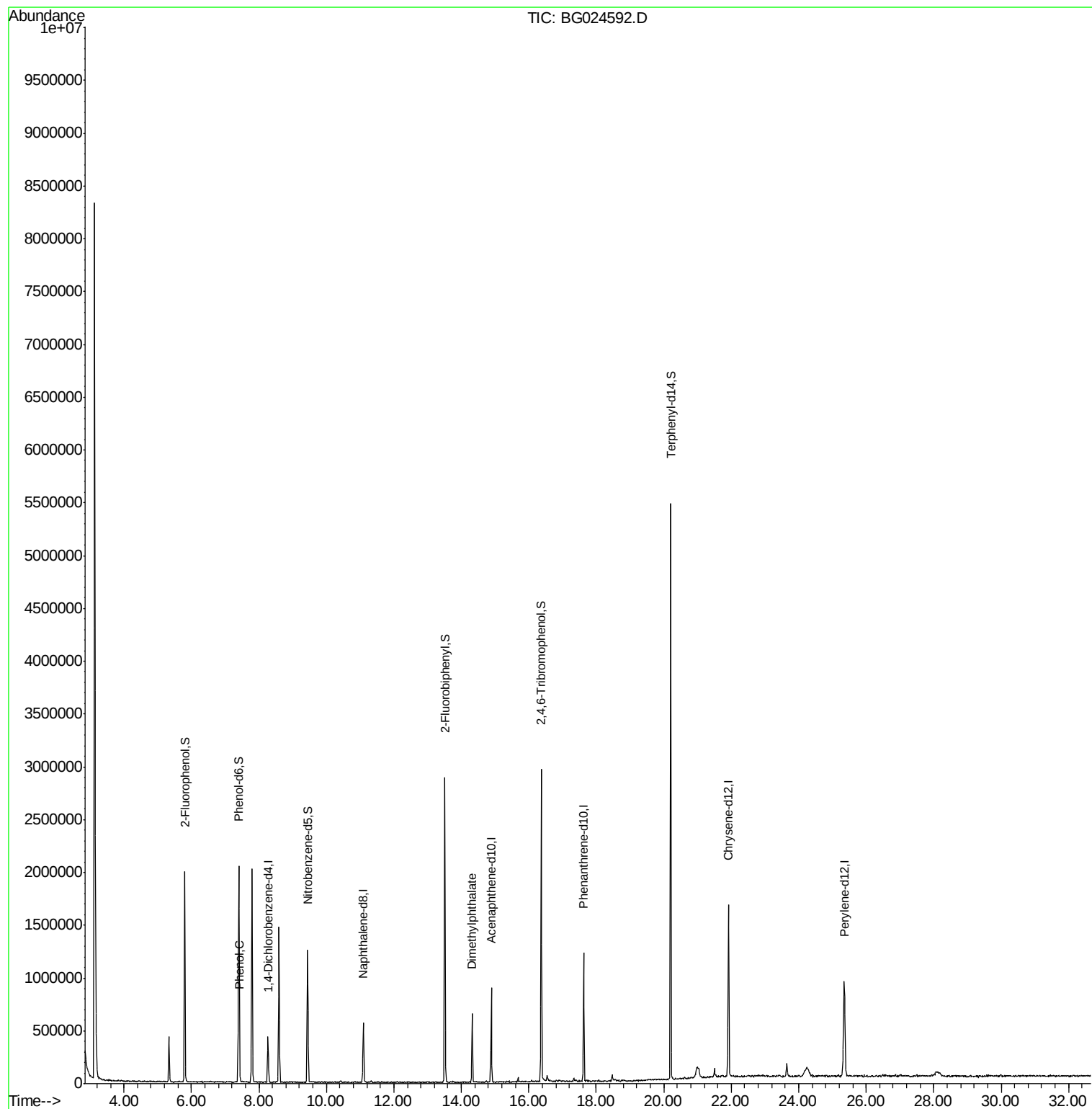
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	118939	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	443124	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	344102	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	745948	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1067235	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1122732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	827210	113.99	ng	0.00
7) Phenol-d6	7.41	99	1144734	115.00	ng	0.00
23) Nitrobenzene-d5	9.44	82	800774	82.28	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	573489	111.56	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1490749	72.01	ng	0.00
78) Terphenyl-d14	20.20	244	2409293	67.46	ng	-0.01
Target Compounds						
10) Phenol	7.43	94	30653	2.99	ng	92
49) Dimethylphthalate	14.32	163	396092	16.21	ng	97

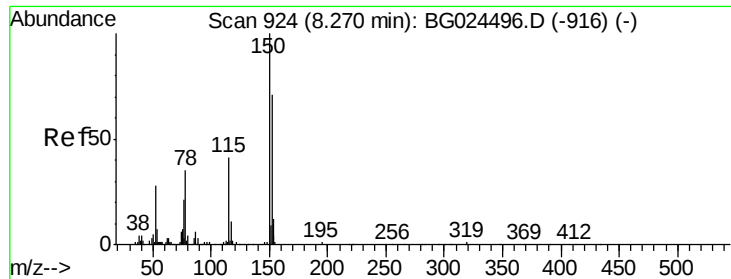
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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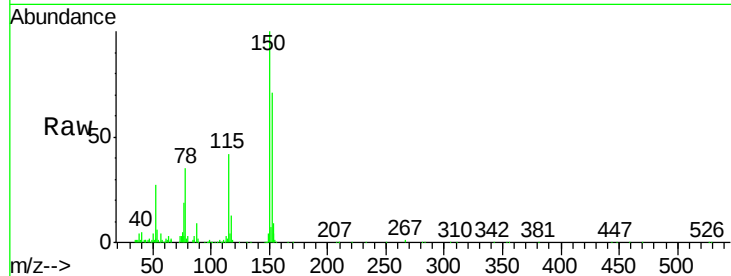


#1

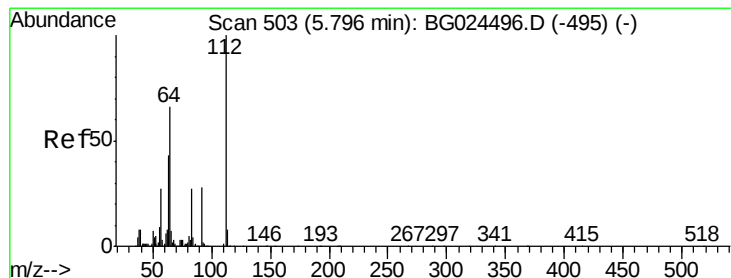
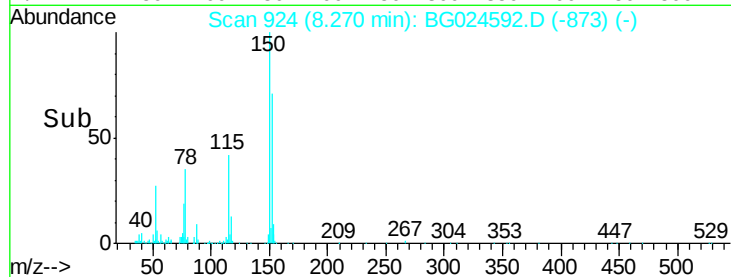
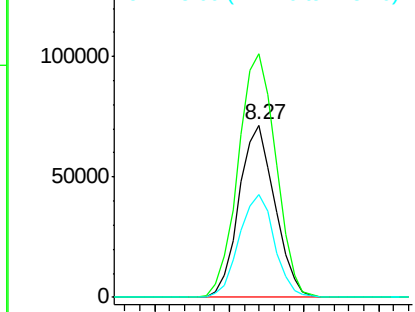
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Instrument :
BNA_G
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	114.0	171.0
115	59.3	48.1	72.1



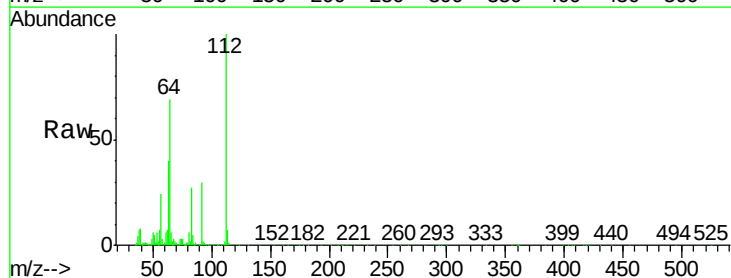
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



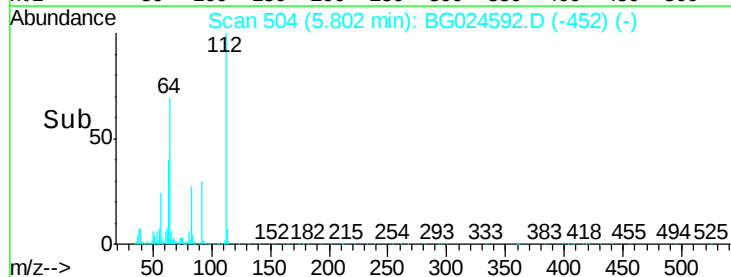
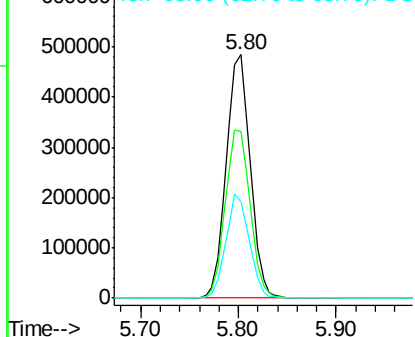
#5

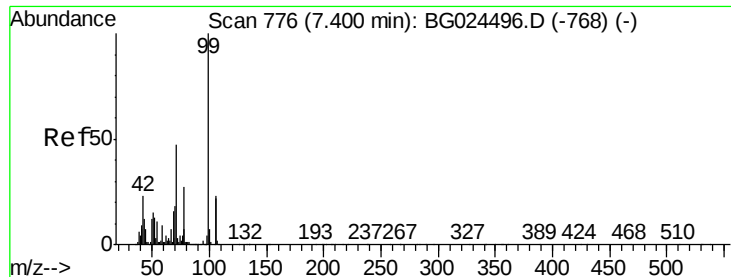
2-Fluorophenol
Concen: 113.99 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	61.8	92.6
63	39.6	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: 115.00 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

Instrument :

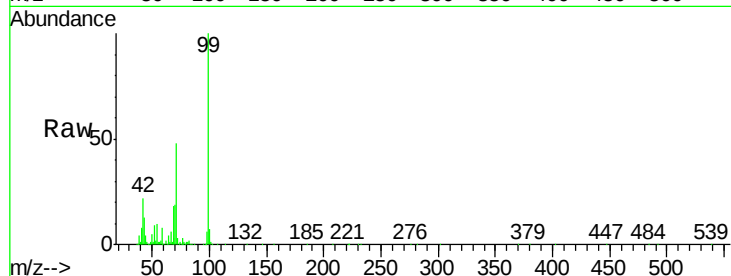
BNA_G

ClientSampleId :

DUP

Tot Ion: 99 Resp: 1144734

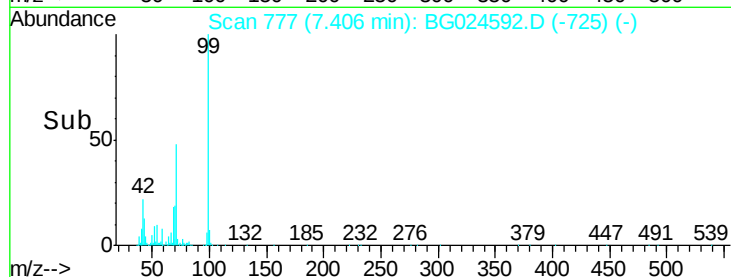
Ion	Ratio	Lower	Upper
99	100		
42	21.6	20.5	30.7
71	47.7	37.6	56.4



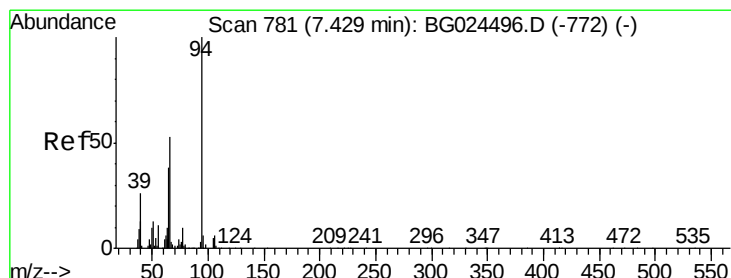
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



7.41



#10

Phenol

Concen: 2.99 ng

RT: 7.43 min Scan# 781

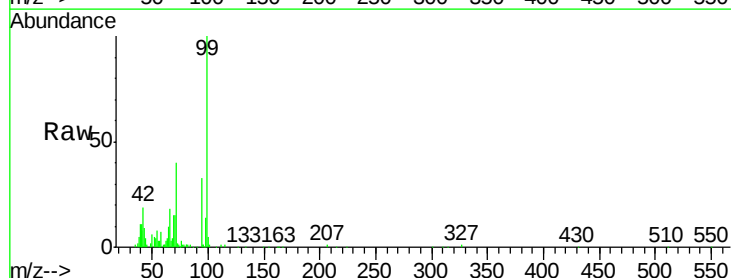
Delta R.T. 0.00 min

Lab File: BG024592.D

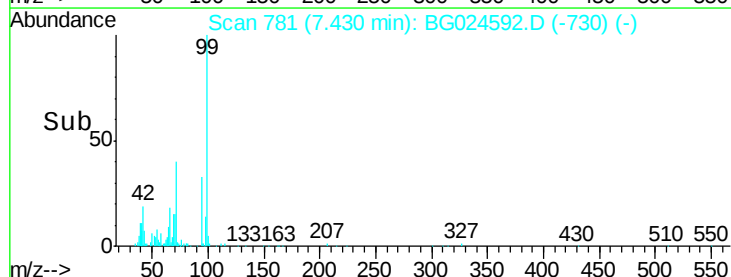
Acq: 1 Nov 2016 14:40

Tgt Ion: 94 Resp: 30653

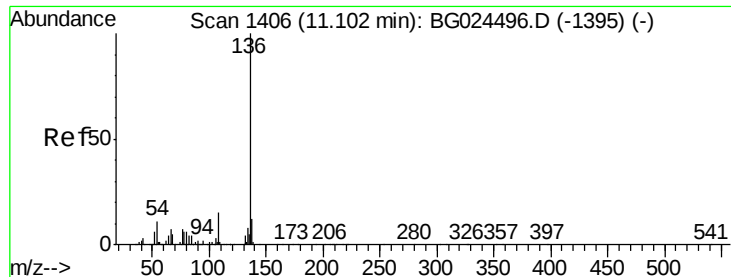
Ion	Ratio	Lower	Upper
94	100		
65	31.4	20.6	60.6
66	53.3	35.5	75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC



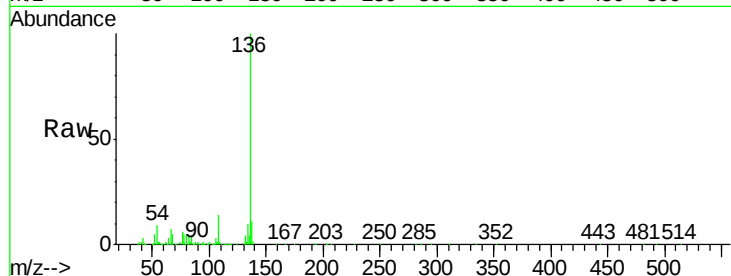
Ion 65.00 (64.70 to 65.70): BGC



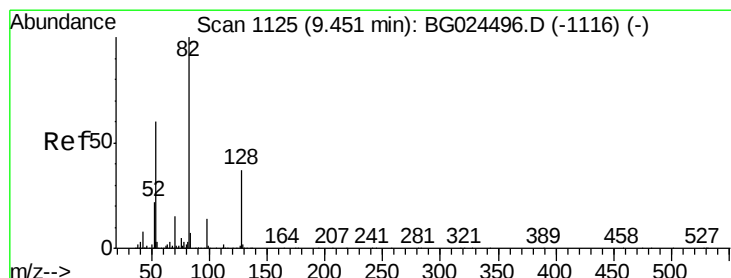
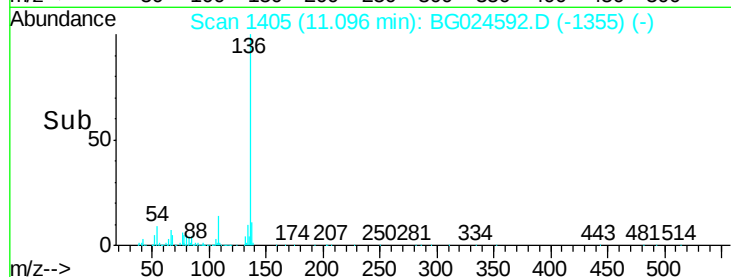
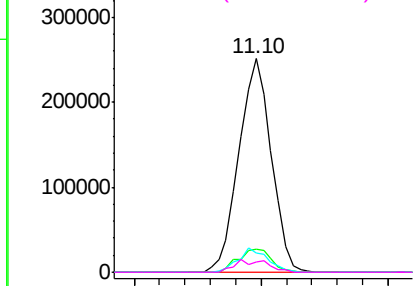
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Instrument :
BNA_G
ClientSampleId :
DUP

Tot Ion:136	Resp:	443124
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 9.2	9.3	13.9#
68 4.6	5.1	7.7#

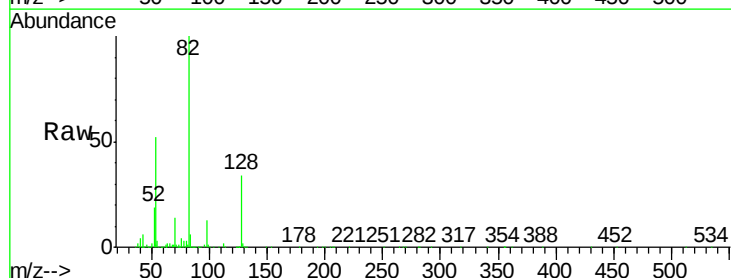


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

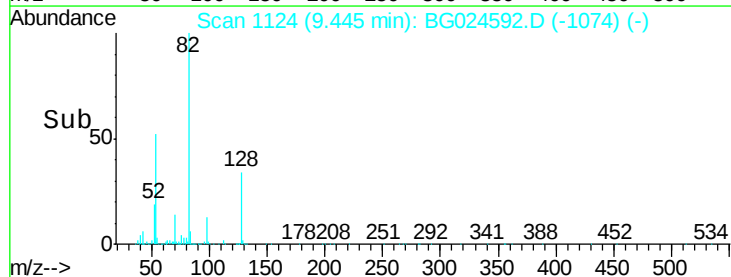
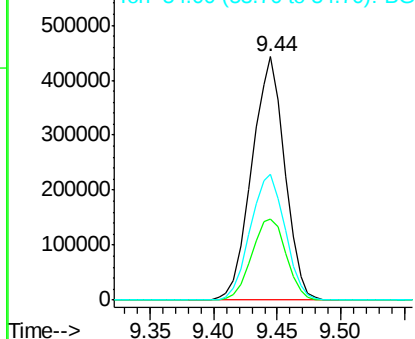


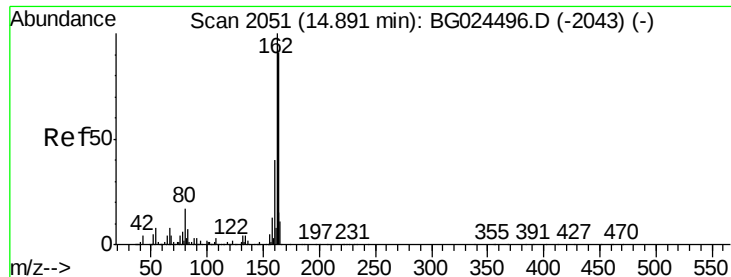
#23
Nitrobenzene-d5
Concen: 82.28 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt	Ion: 82	Resp:	800774
Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	51.7	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

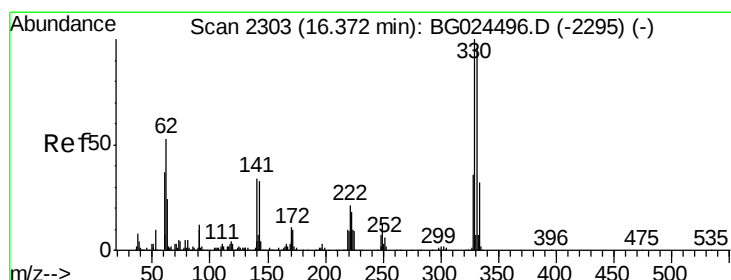
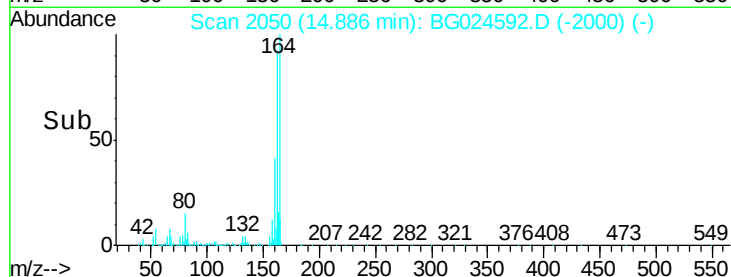
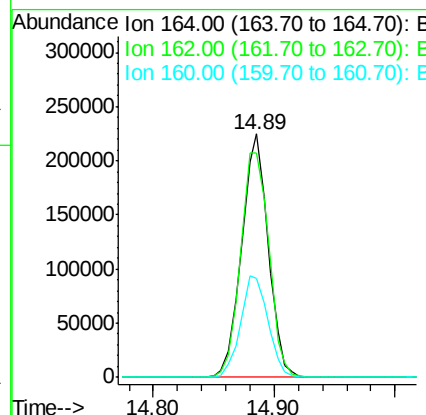
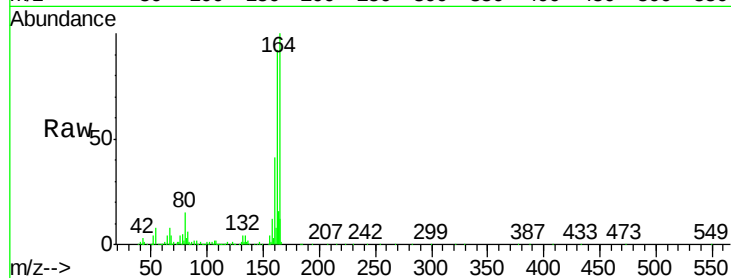




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

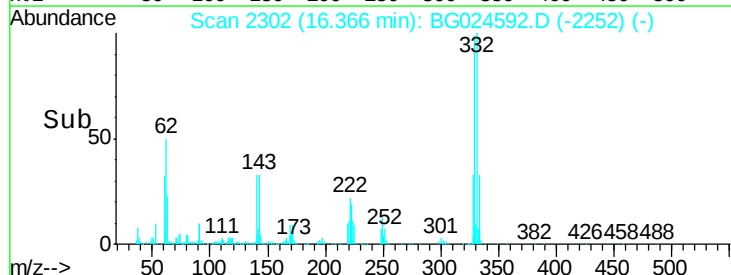
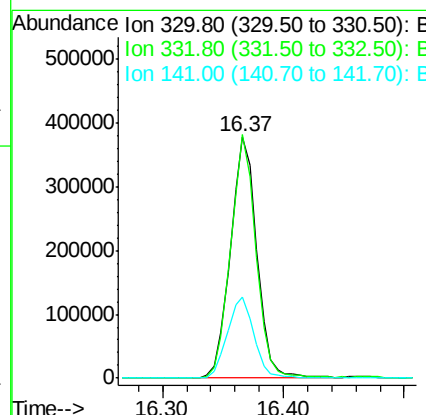
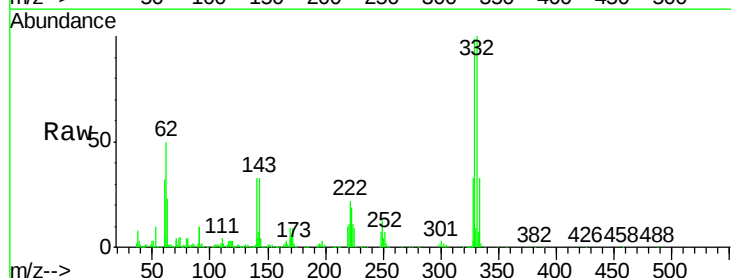
Instrument :
BNA_G
ClientSampleId :
DUP

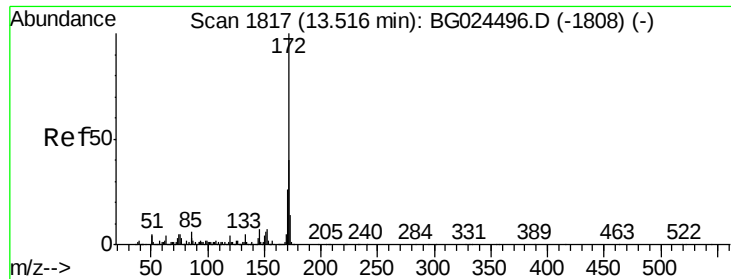
Tot Ion	Ratio	Lower	Upper
164	100		
162	92.0	85.1	127.7
160	40.8	34.7	52.1



#41
2,4,6-Tribromophenol
Concen: 111.56 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.7	32.1	48.1

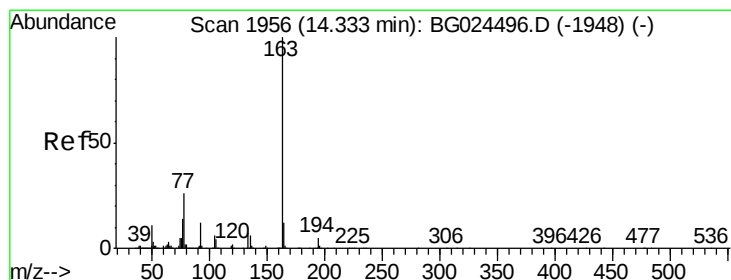
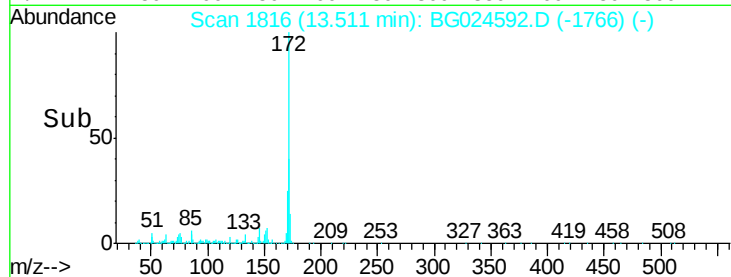
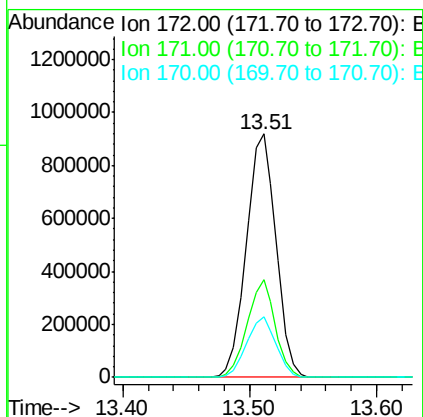
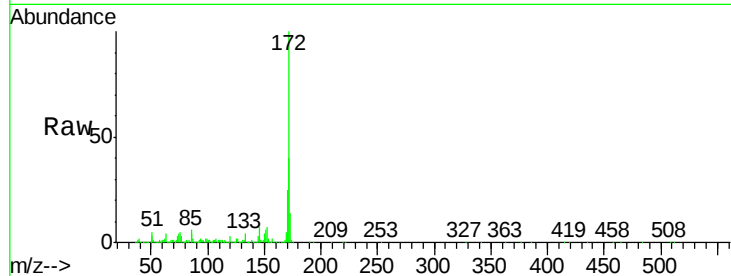




#44
2-Fluorobiphenyl
Concen: 72.01 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

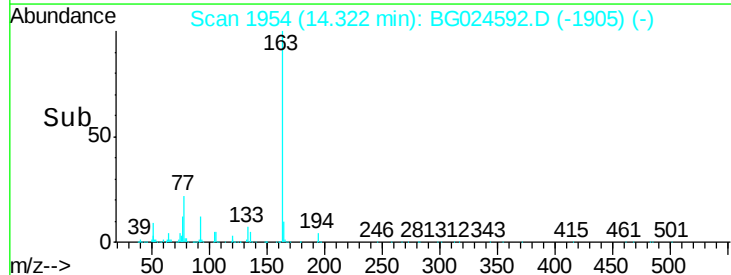
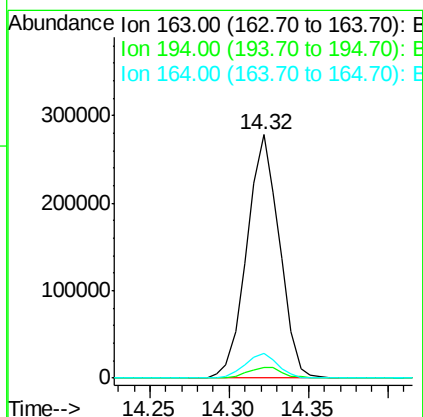
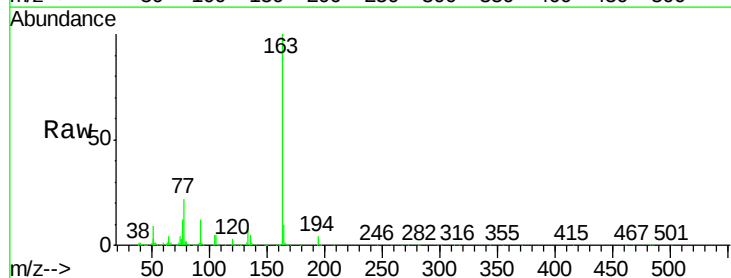
Instrument :
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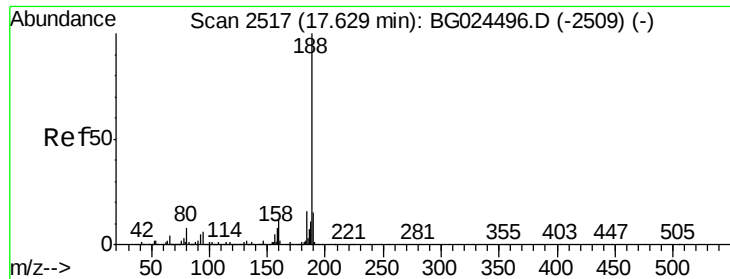
Tot Ion:172 Resp: 1490749
Ion Ratio Lower Upper
172 100
171 40.0 32.2 48.2
170 25.1 21.8 32.6



#49
Dimethylphthalate
Concen: 16.21 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion:163 Resp: 396092
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.1 9.3 13.9

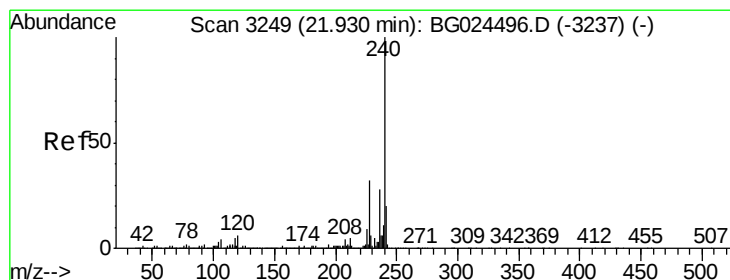
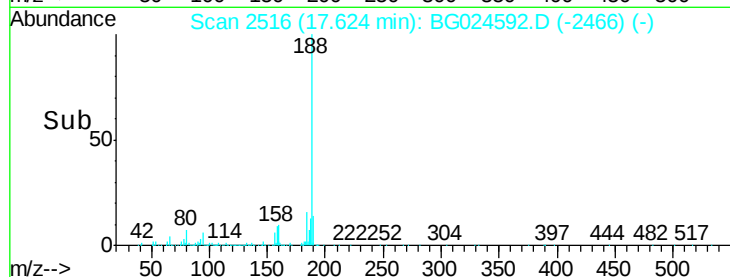
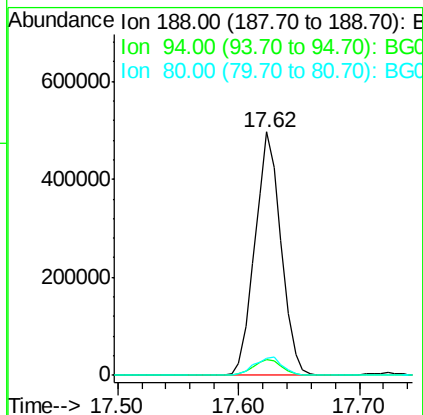
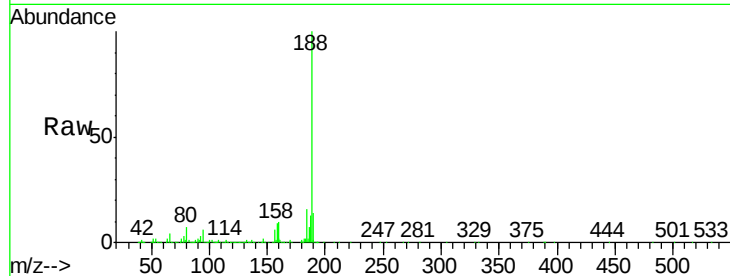




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

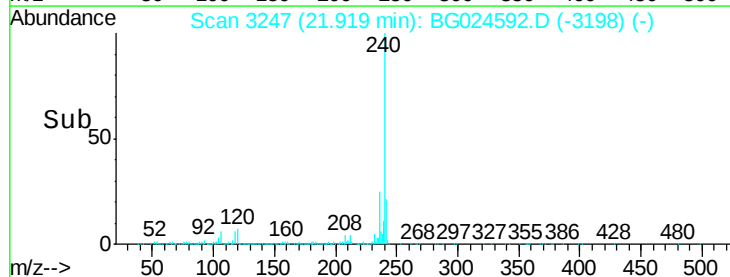
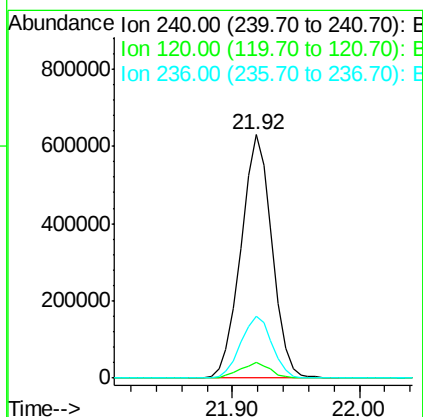
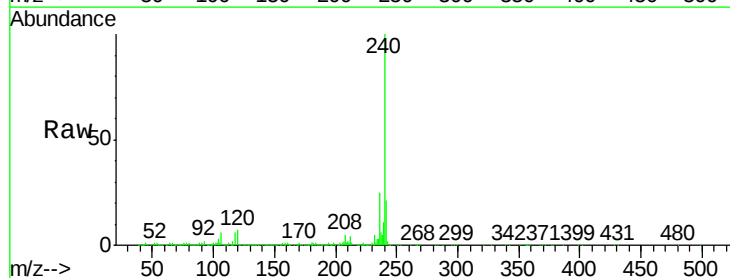
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BNA_G
ClientSampleId :
DUP

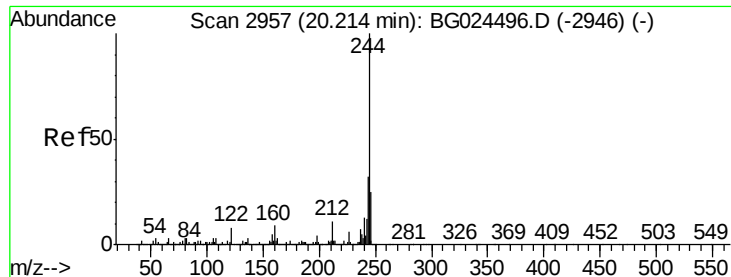
Tot Ion:188 Resp: 745948
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 7.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024592.D
Acq: 1 Nov 2016 14:40

Tgt Ion:240 Resp: 1067235
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 67.46 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024592.D

Acq: 1 Nov 2016 14:40

Instrument :

BNA_G

ClientSampleId :

DUP

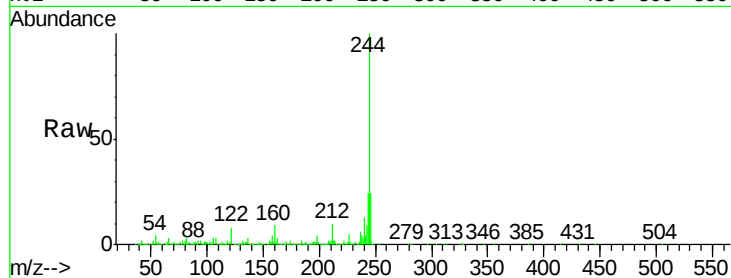
Tot Ion:244 Resp: 2409293

Ion	Ratio	Lower	Upper
244	100		
212	9.6	10.0	15.0#
122	8.3	8.6	12.8#

244 100

212 9.6 10.0 15.0#

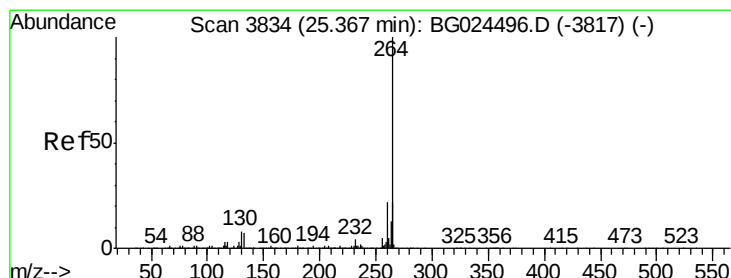
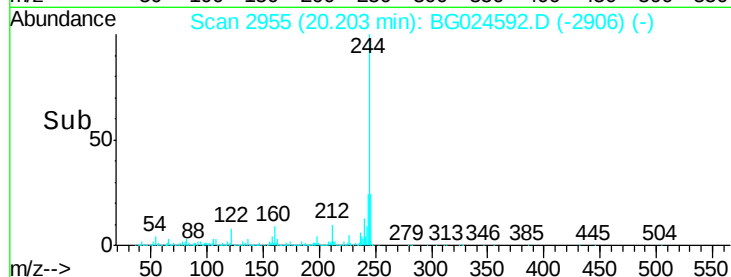
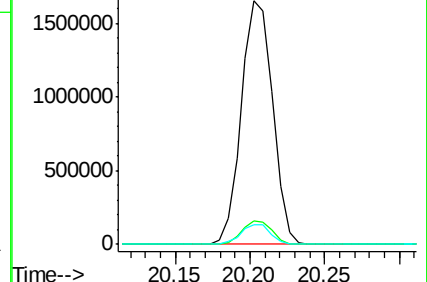
122 8.3 8.6 12.8#



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: BG024592.D

Acq: 1 Nov 2016 14:40

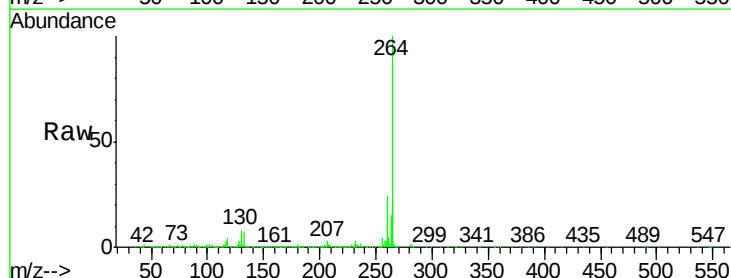
Tgt Ion:264 Resp: 1122732

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.5	18.2	27.4

264 100

260 24.0 21.8 32.8

265 21.5 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

