

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030945.D
 Acq On : 11 Nov 2017 15:53
 Operator : SJ/JU
 Sample : I6389-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3N-16

Quant Time: Nov 13 04:12:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

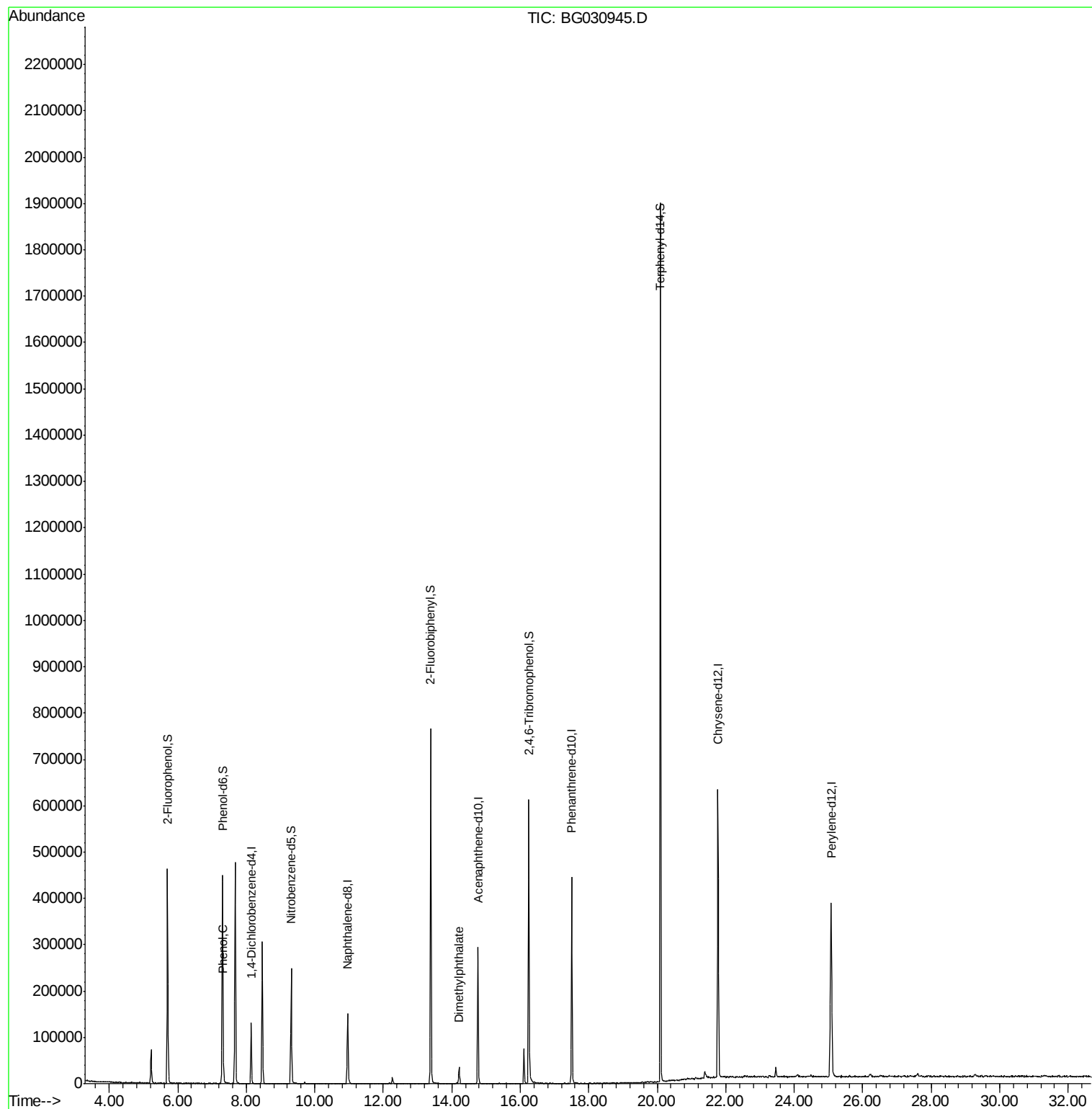
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37043	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	160995	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	111202	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	301274	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	413051	20.00	ng	-0.01
86) Perylene-d12	25.07	264	443364	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	224595	103.97	ng	0.00
7) Phenol-d6	7.31	99	283686	97.48	ng	0.00
23) Nitrobenzene-d5	9.31	82	162467	59.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	155355	86.36	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	455085	58.80	ng	-0.01
78) Terphenyl-d14	20.09	244	933631	49.91	ng	0.00
Target Compounds						
10) Phenol	7.33	94	12171	4.027	ng	91
49) Dimethylphthalate	14.21	163	40189	4.180	ng	98

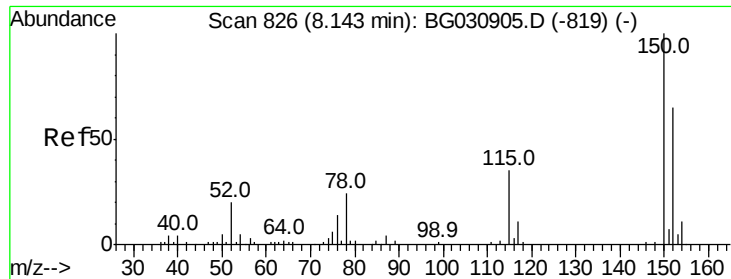
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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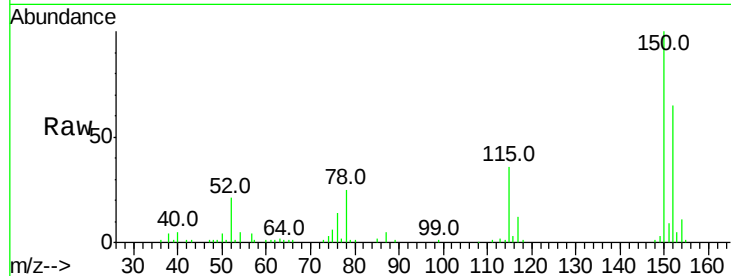


#1

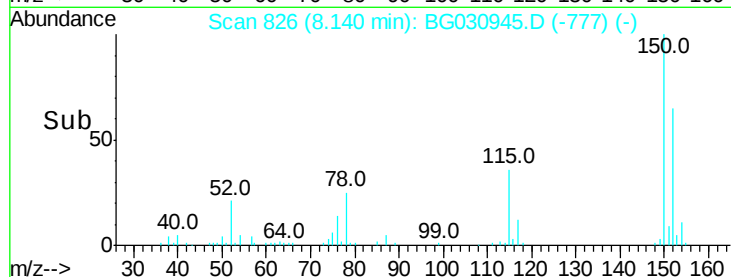
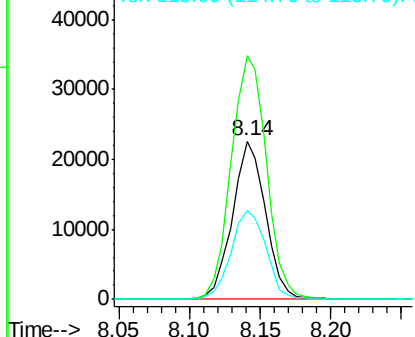
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030945.D
 Acq: 11 Nov 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :
 3N-16

Tot Ion:152 Resp: 37043
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.6 189.8
 115 55.8 53.0 79.4



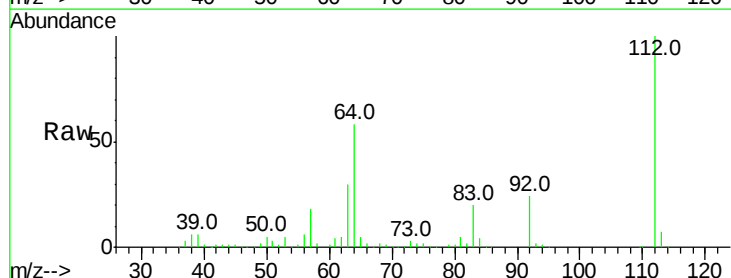
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



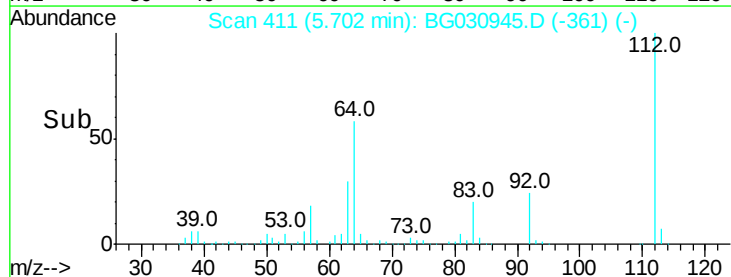
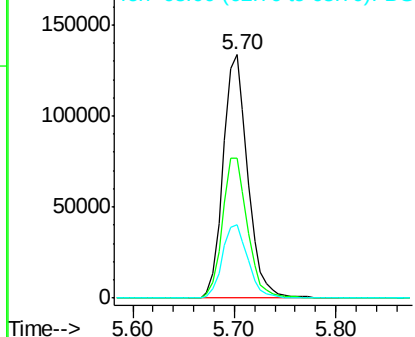
#5

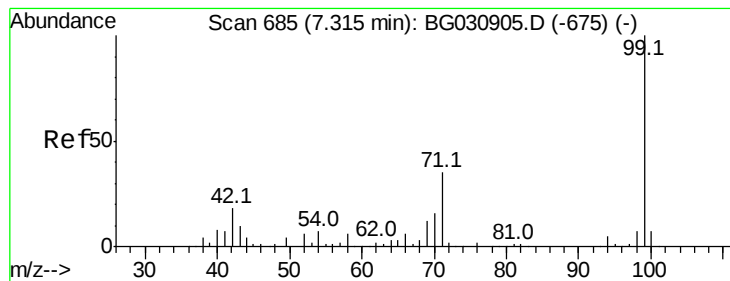
2-Fluorophenol
 Concen: 103.967 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG030945.D
 Acq: 11 Nov 2017 15:53

Tgt Ion:112 Resp: 224595
 Ion Ratio Lower Upper
 112 100
 64 57.7 56.3 84.5
 63 30.1 30.1 45.1



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: 97.476 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

3N-16

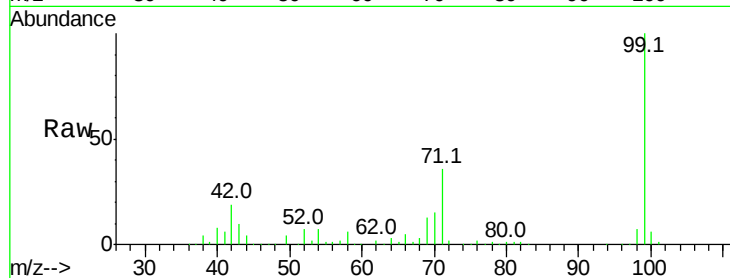
Tot Ion: 99 Resp: 283686

Ion Ratio Lower Upper

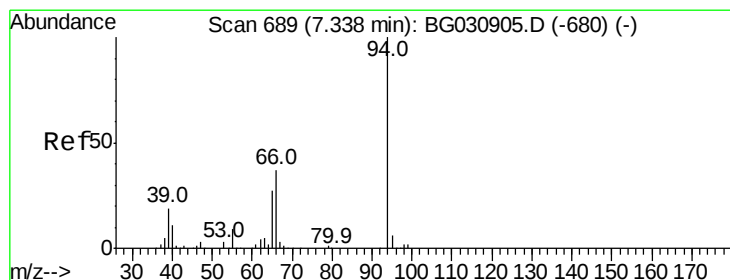
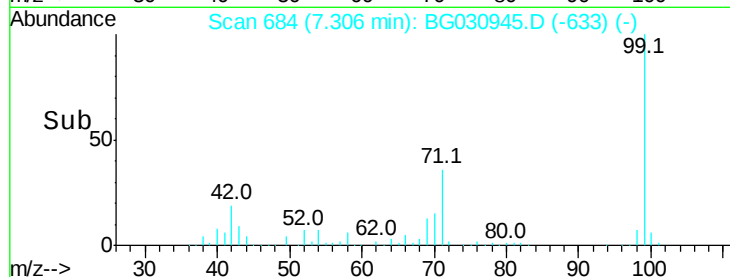
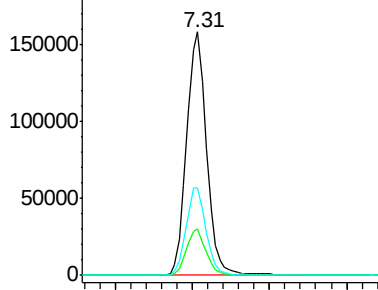
99 100

42 18.9 14.1 21.1

71 35.8 26.1 39.1



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



#10

Phenol

Concen: 4.027 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

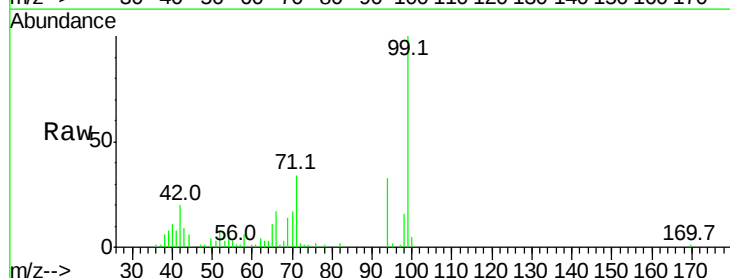
Tgt Ion: 94 Resp: 12171

Ion Ratio Lower Upper

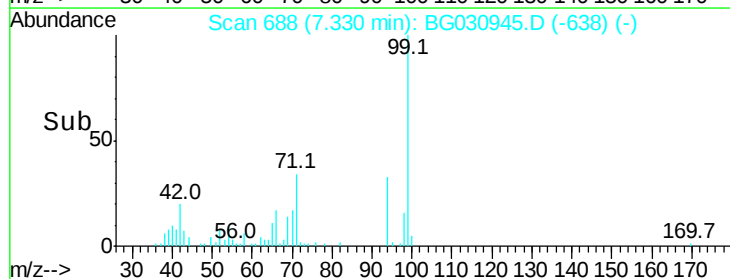
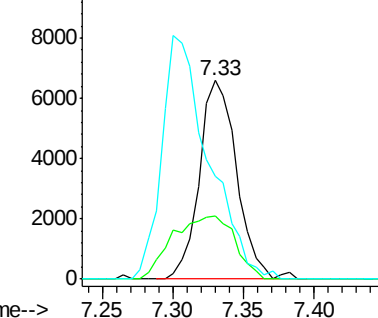
94 100

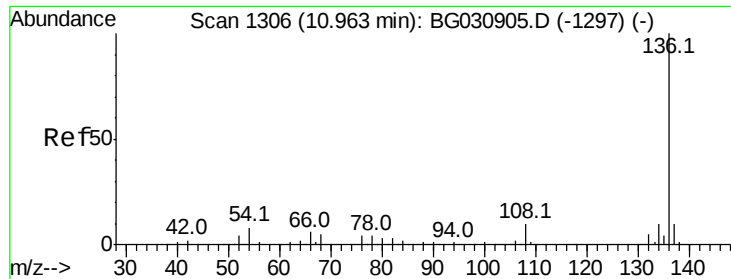
65 31.6 11.9 51.9

66 52.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

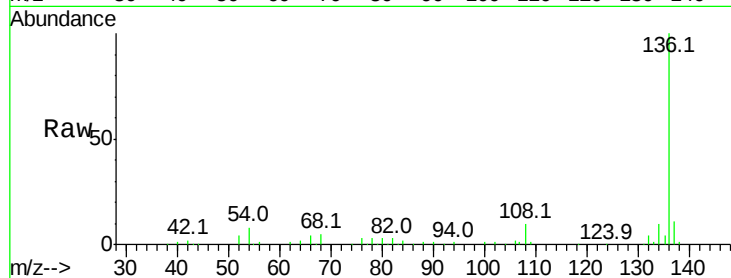




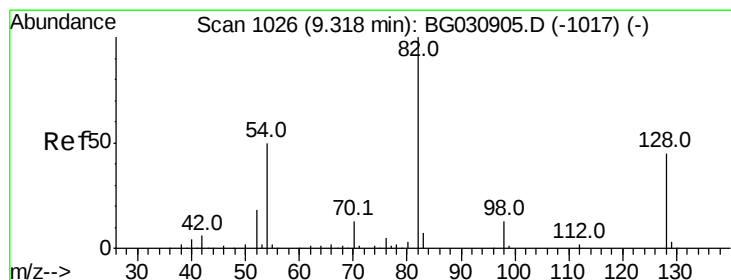
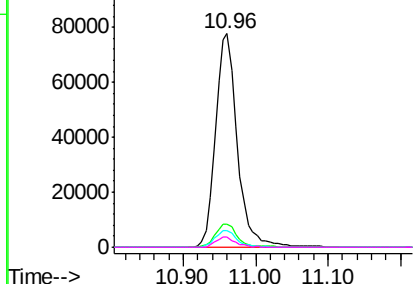
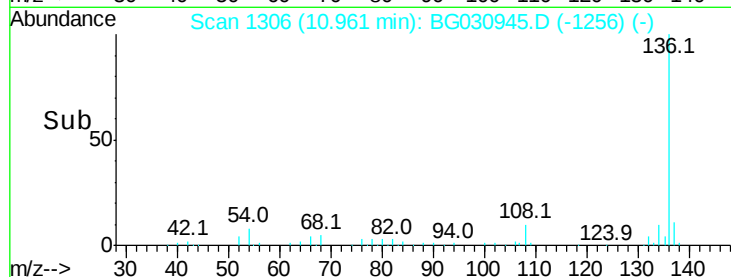
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Instrument :
BNA_G
ClientSampleId :
3N-16

Tot Ion:	136	Resp:	160995
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	10.3	15.5
68	4.8	4.5	6.7

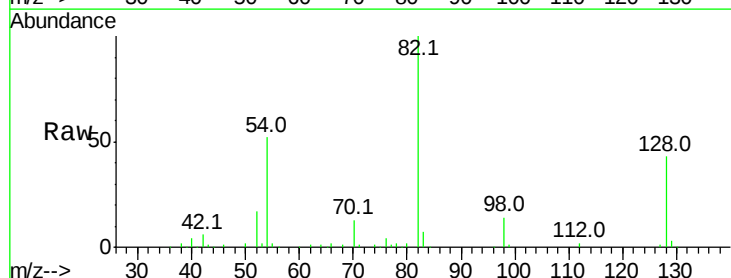


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

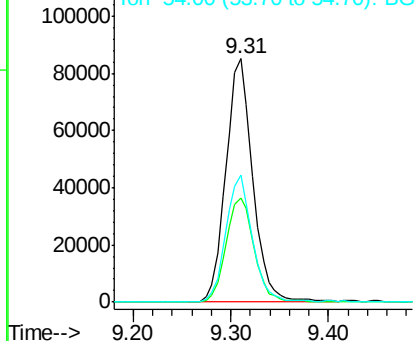
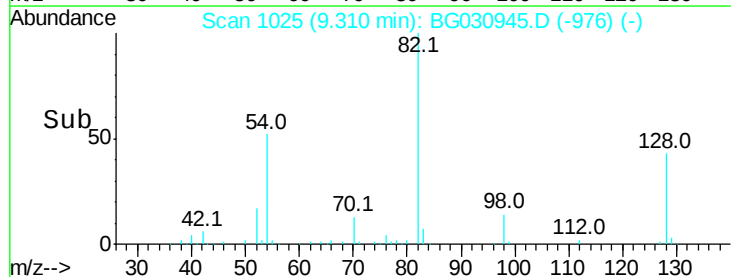


#23
Nitrobenzene-d5
Concen: 59.798 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Tgt Ion:	82	Resp:	162467
Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	52.3	43.1	64.7



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: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

3N-16

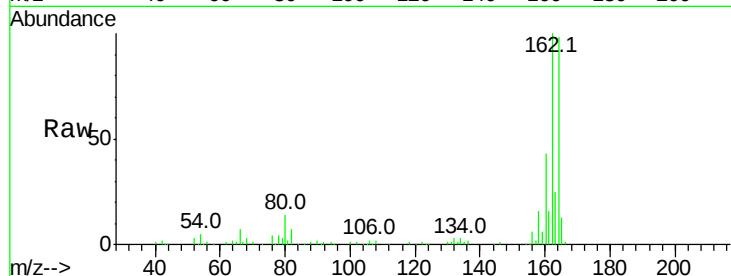
Tot Ion:164 Resp: 111202

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

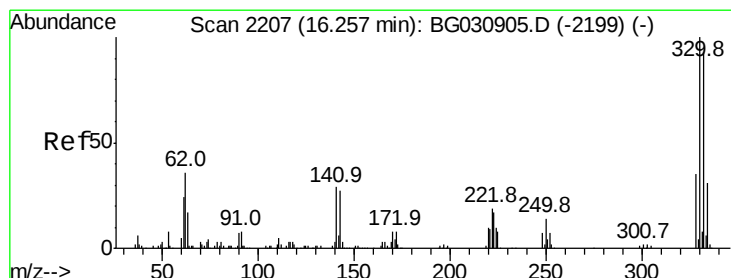
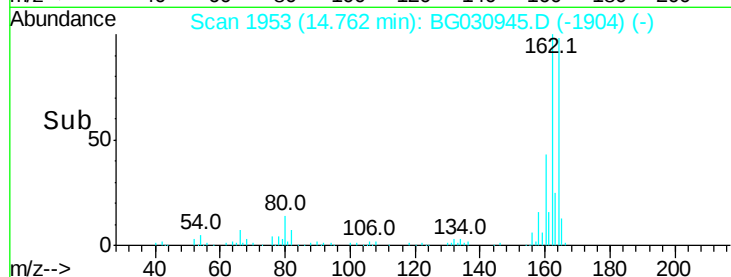
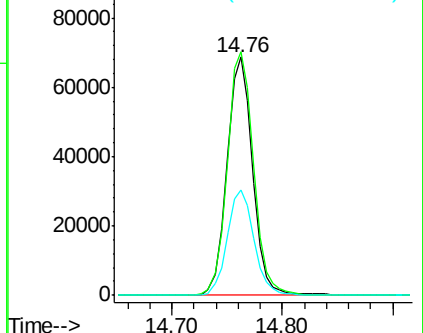
160 44.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 86.362 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

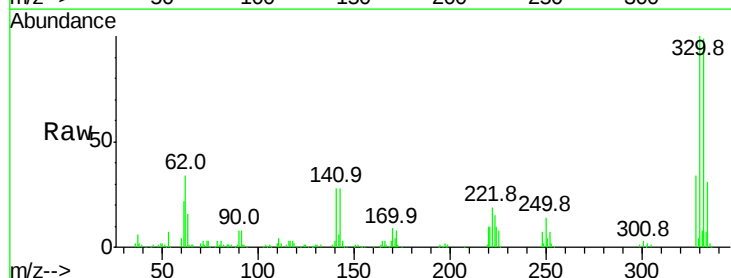
Tgt Ion:330 Resp: 155355

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

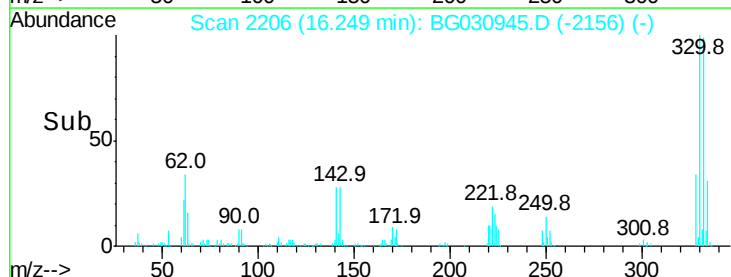
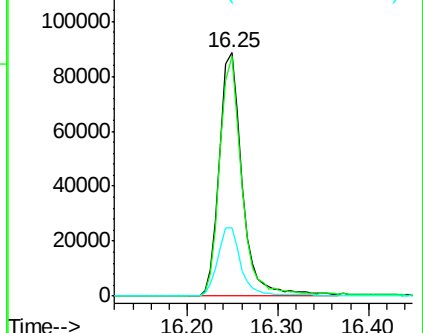
141 29.0 25.2 37.8

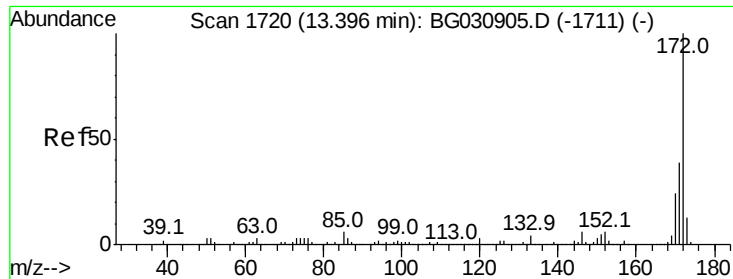


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

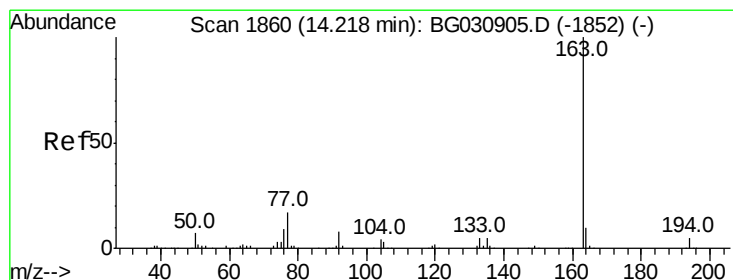
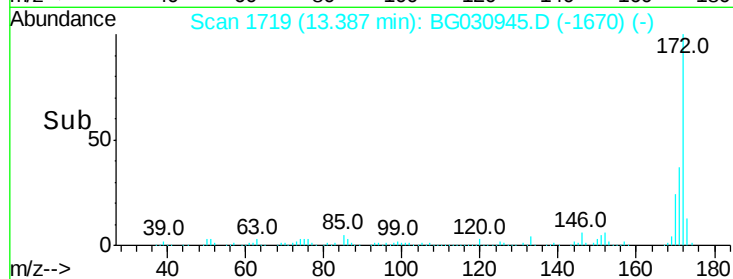
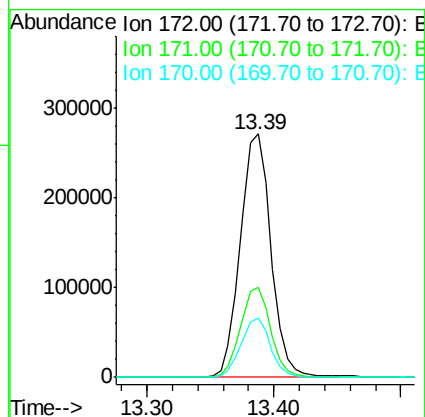
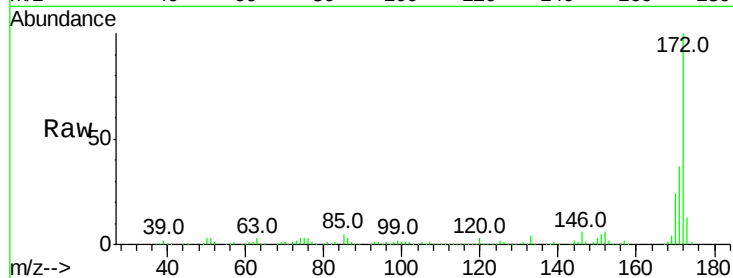




#44
2-Fluorobiphenyl
Concen: 58.804 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

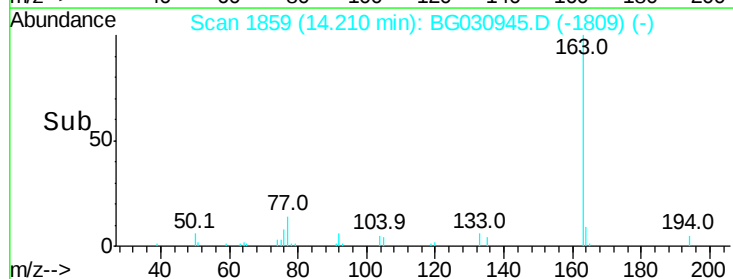
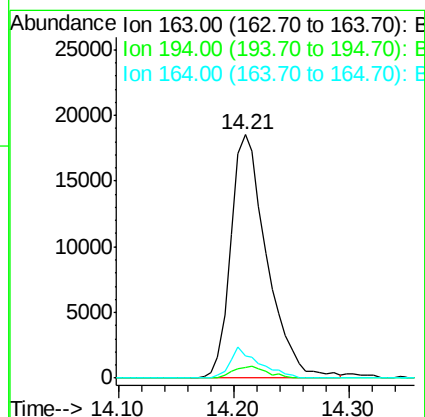
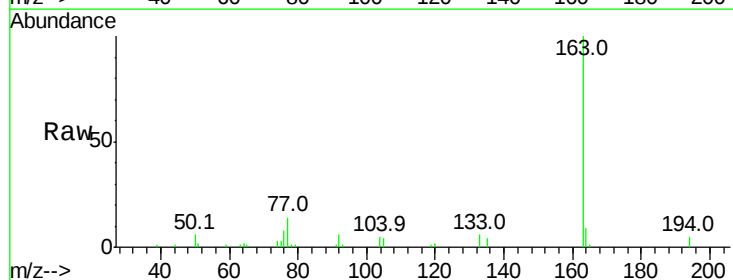
Instrument :
BNA_G
ClientSampleId :
3N-16

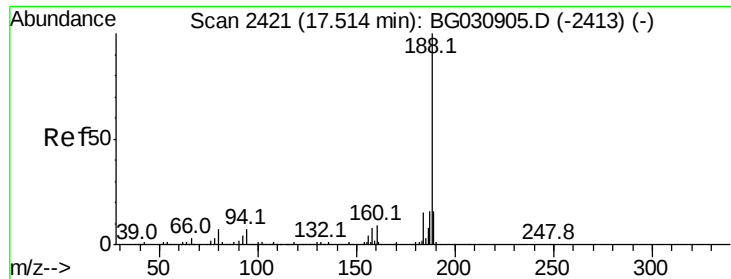
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.2	19.5	29.3



#49
Dimethylphthalate
Concen: 4.180 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.3	8.2	12.4

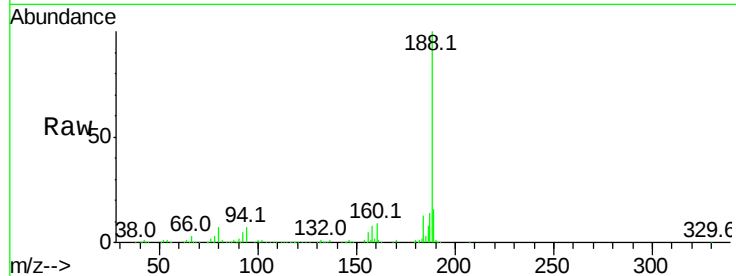




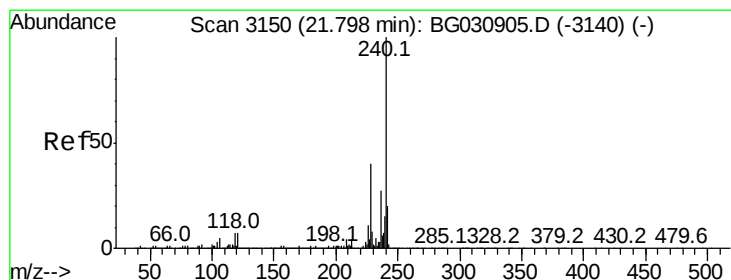
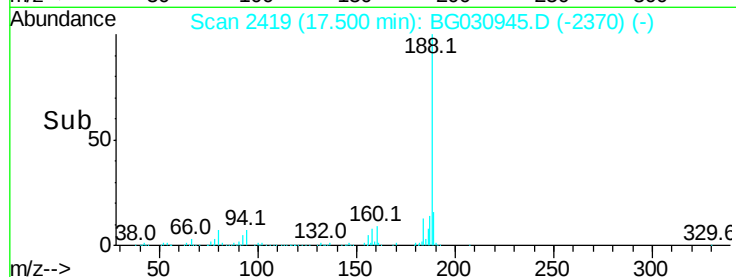
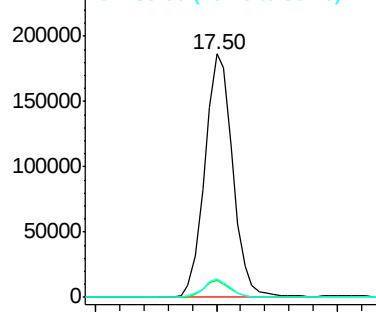
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Instrument :
BNA_G
ClientSampleId :
3N-16

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.3	7.7	11.5#

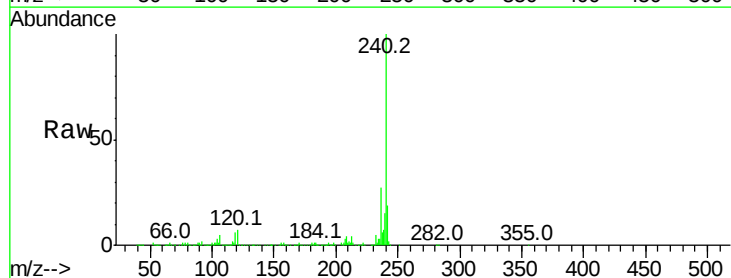


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

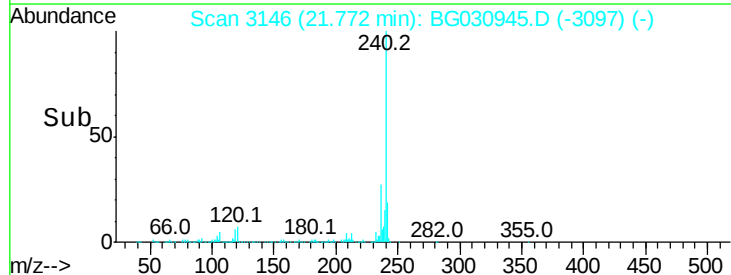
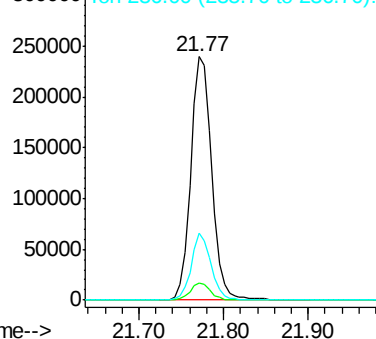


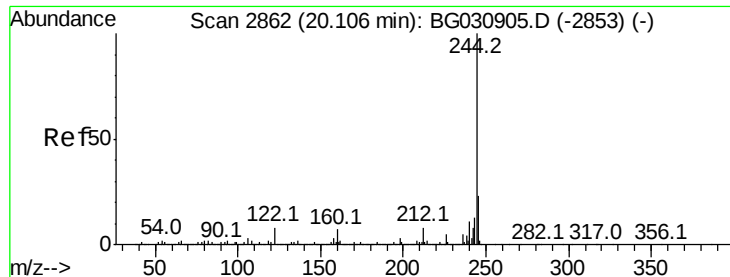
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030945.D
Acq: 11 Nov 2017 15:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	27.4	20.9	31.3



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: 49.910 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

Instrument :

BNA_G

ClientSampleId :

3N-16

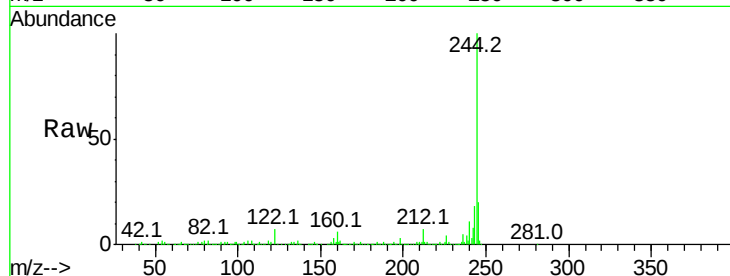
Tot Ion:244 Resp: 933631

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

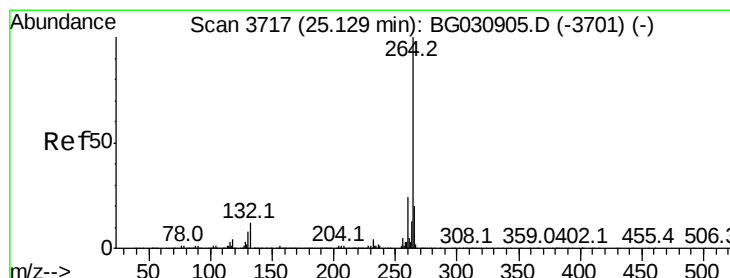
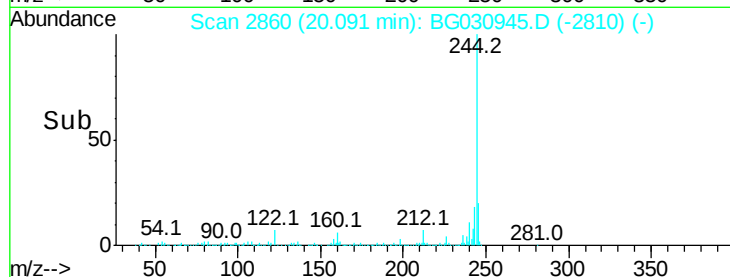
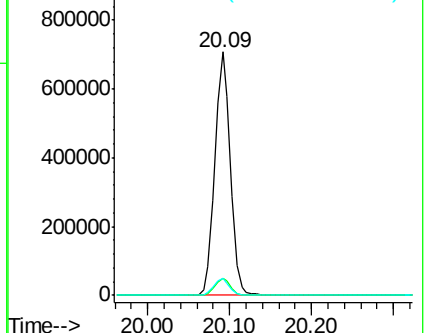
122 7.1 7.0 10.4



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: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG030945.D

Acq: 11 Nov 2017 15:53

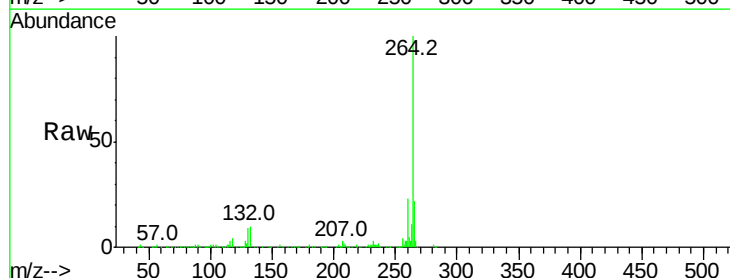
Tgt Ion:264 Resp: 443364

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.7 17.7 26.5



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

