

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031263.D
 Acq On : 28 Nov 2017 22:21
 Operator : SJ/JU
 Sample : I6592-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-5-(44-46)

Quant Time: Nov 29 06:23:09 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

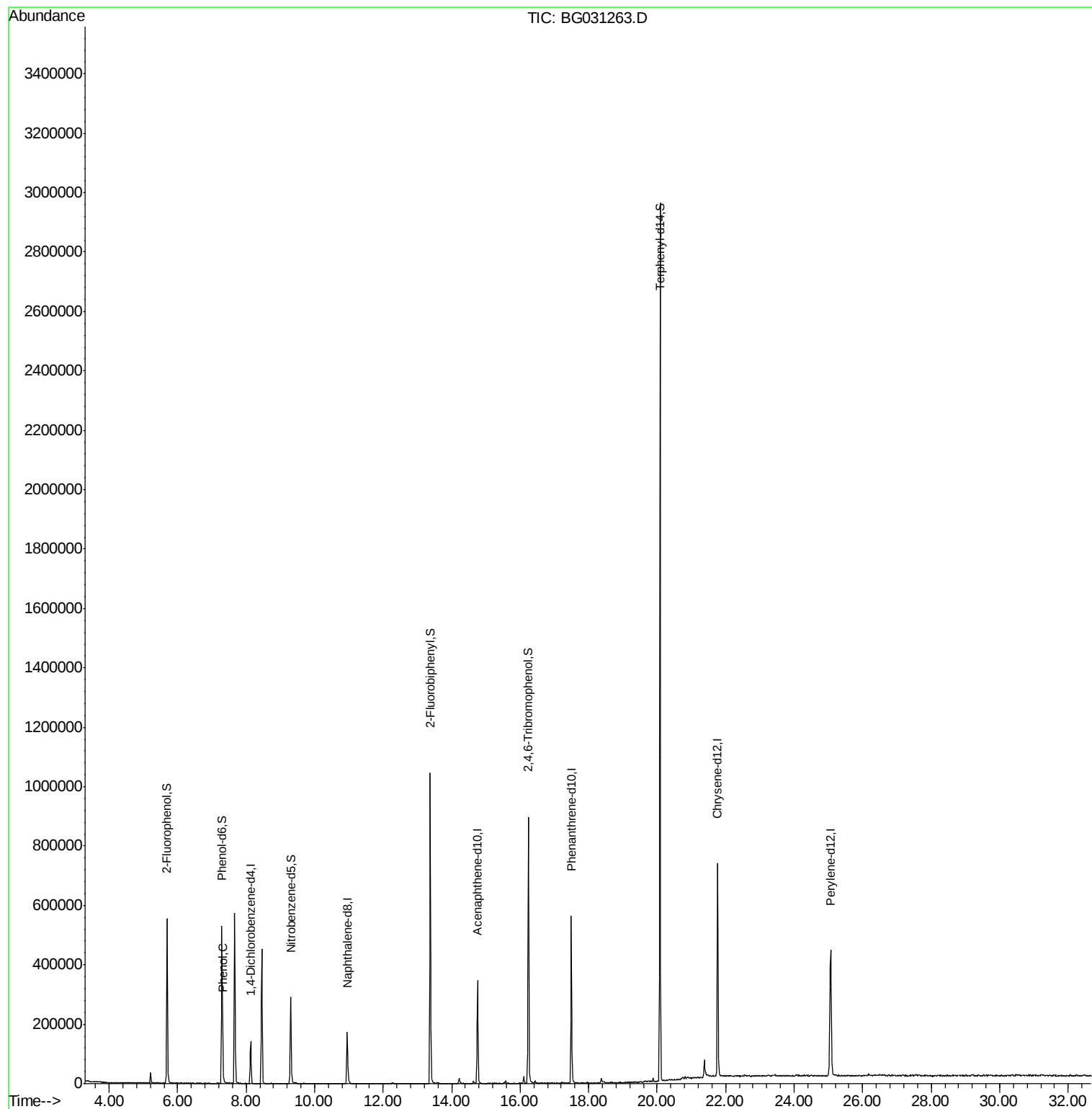
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44770	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	196816	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	137546	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	393096	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	491921	20.00	ng	-0.02
86) Perylene-d12	25.06	264	479212	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	280007	107.25	ng	-0.02
7) Phenol-d6	7.29	99	369387	105.02	ng	-0.02
23) Nitrobenzene-d5	9.30	82	207497	62.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	198281	89.11	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	637137	66.56	ng	-0.03
78) Terphenyl-d14	20.08	244	1427441	64.07	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	8842	2.421	ng	Qvalue # 64

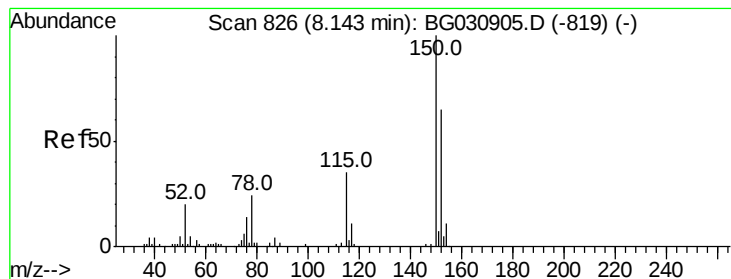
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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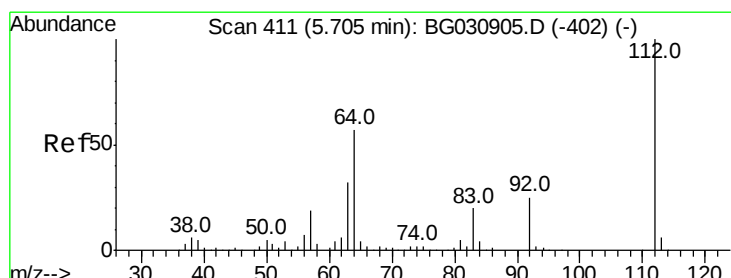
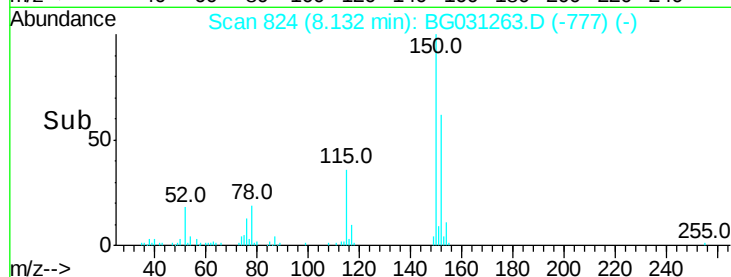
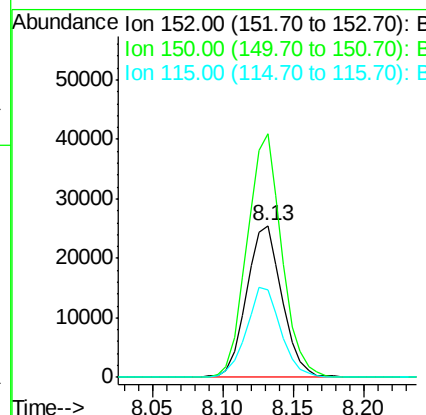
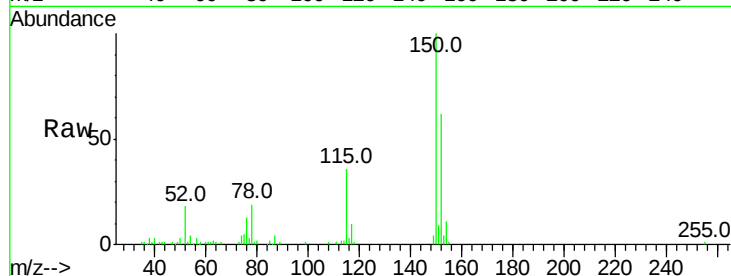


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)

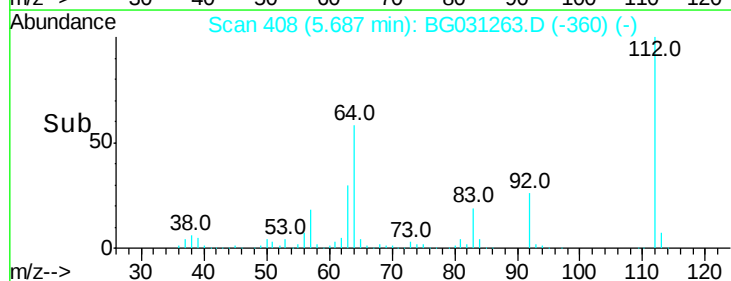
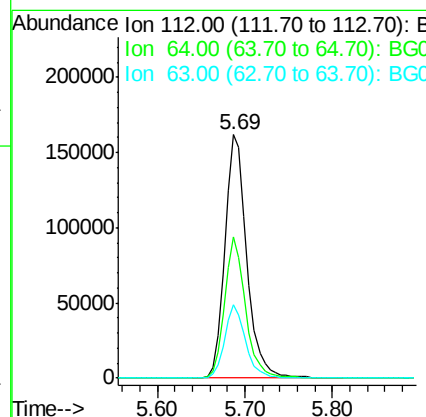
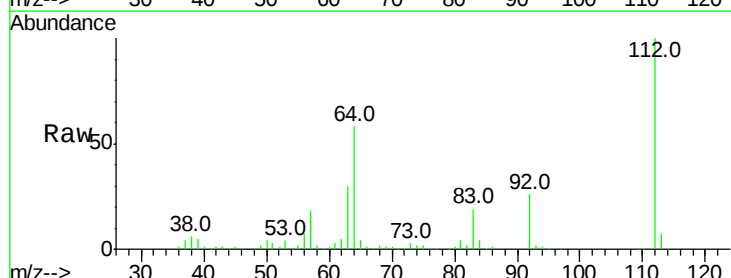
Tot Ion:152 Resp: 44770
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 57.3 53.0 79.4

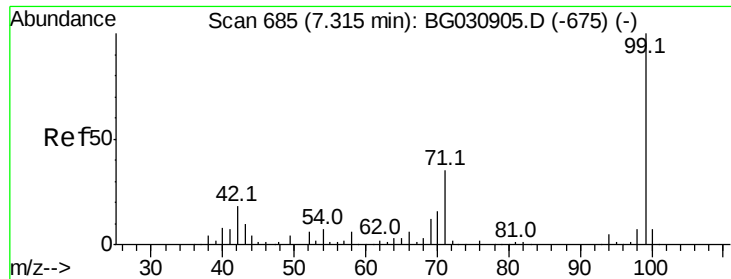


#5

2-Fluorophenol
Concen: 107.247 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Tgt Ion:112 Resp: 280007
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 105.017 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

Instrument :

BNA_G

ClientSampleId :

EPE-109-5-(44-46)

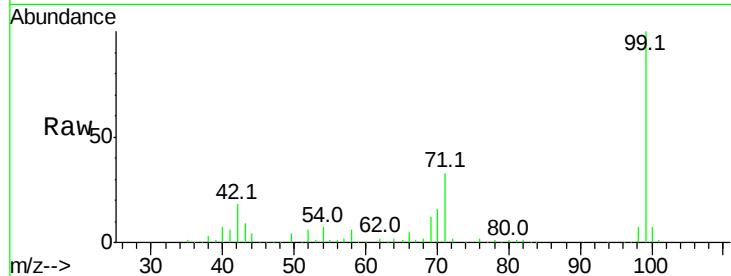
Tot Ion: 99 Resp: 369387

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	32.9	26.1	39.1

99 100

42 17.5 14.1 21.1

71 32.9 26.1 39.1

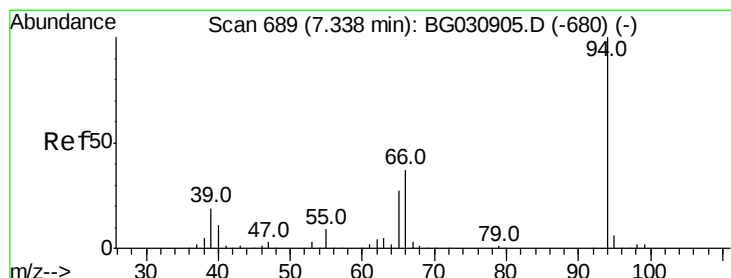
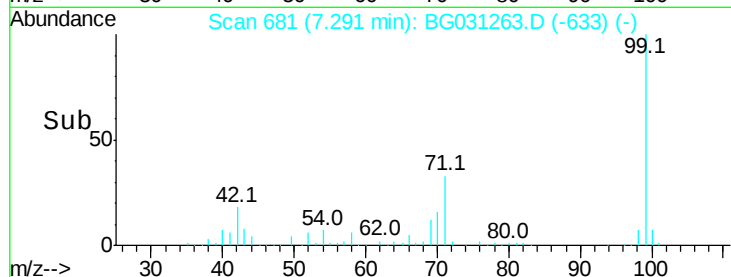
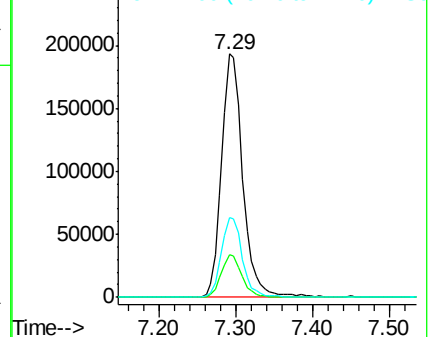


Abundance

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: 2.421 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

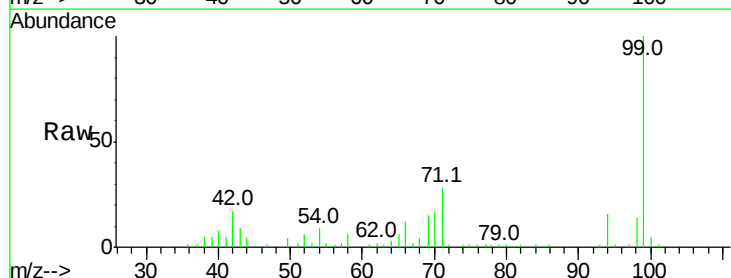
Tgt Ion: 94 Resp: 8842

Ion	Ratio	Lower	Upper
94	100		
65	35.1	11.9	51.9
66	79.0	22.2	62.2

94 100

65 35.1 11.9 51.9

66 79.0 22.2 62.2

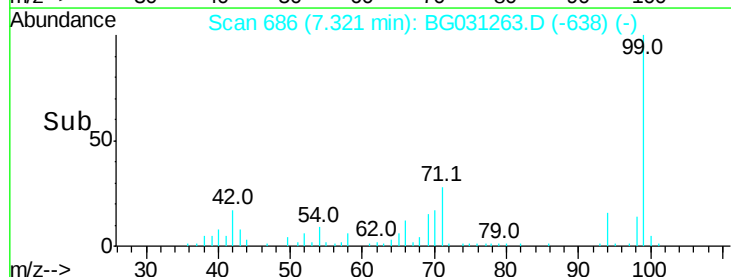
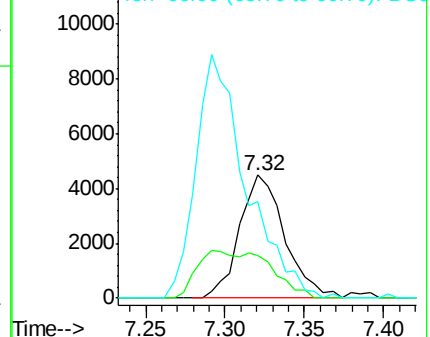


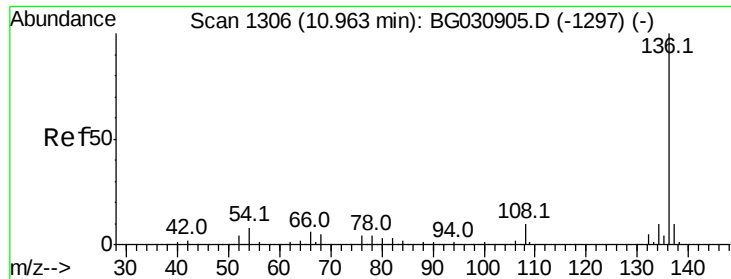
Abundance

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

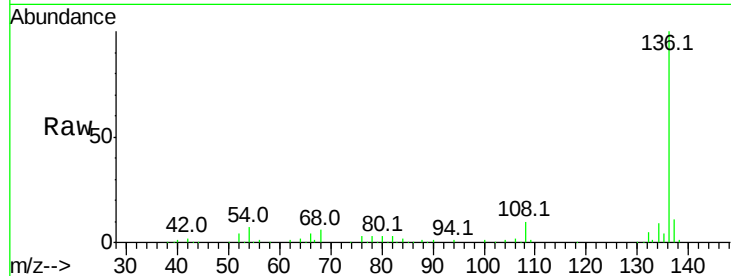




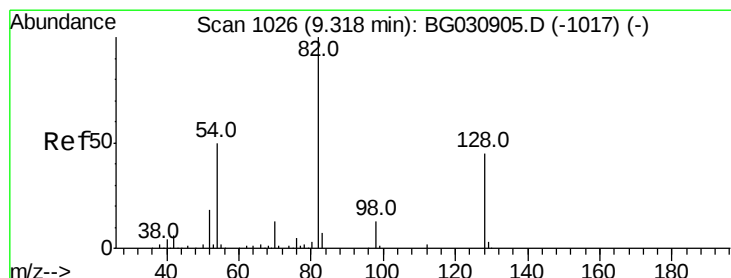
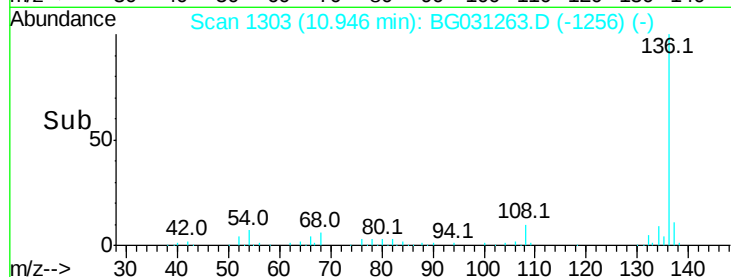
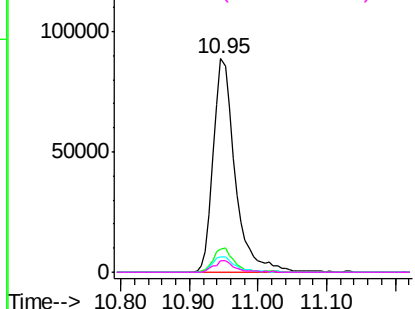
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)

Tot Ion:136	Resp:	196816
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	7.3	10.3 15.5#
68	5.7	4.5 6.7

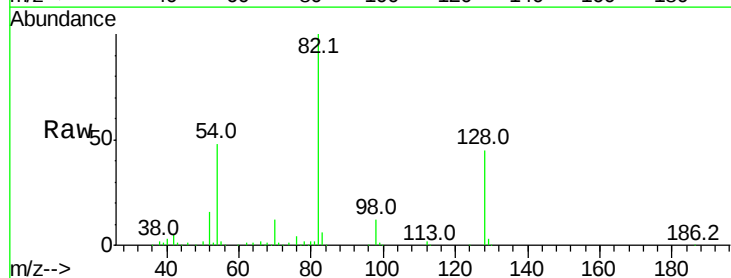


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

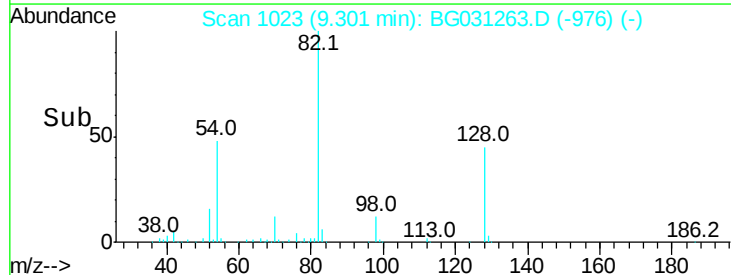
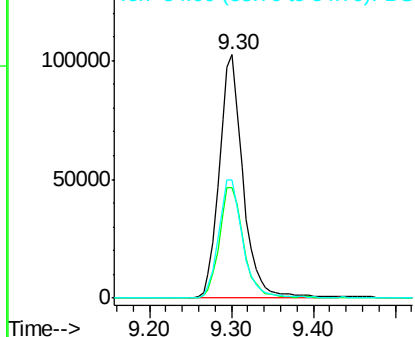


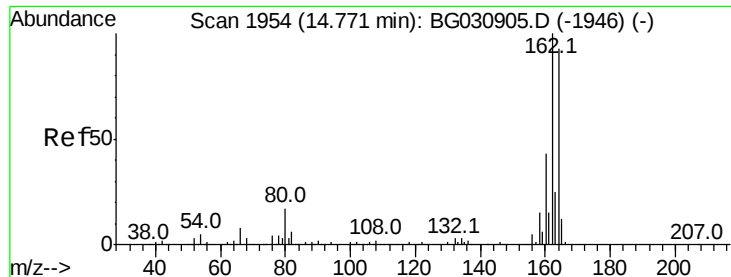
#23
Nitrobenzene-d5
Concen: 62.472 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Tgt Ion: 82	Resp:	207497
Ion	Ratio	Lower Upper
82	100	
128	45.5	29.7 44.5#
54	48.4	43.1 64.7



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

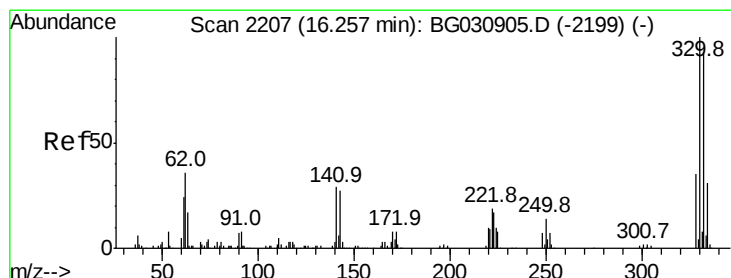
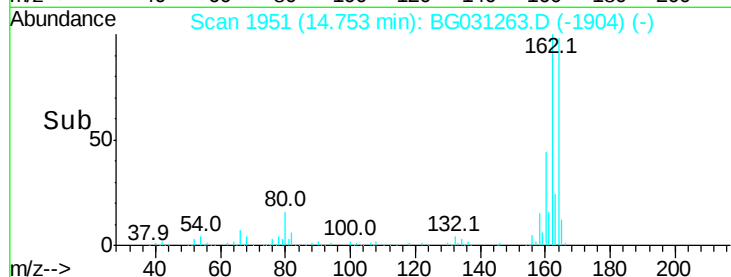
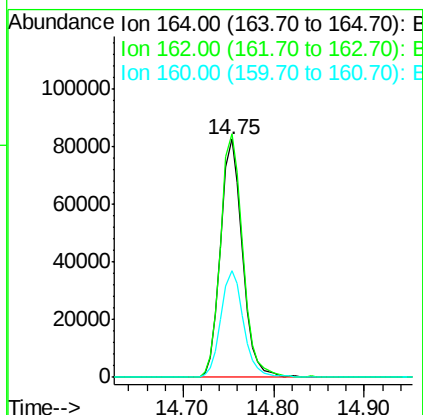
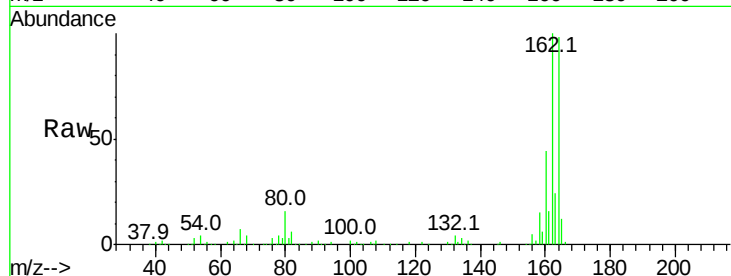




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031263.D
 Acq: 28 Nov 2017 22:21

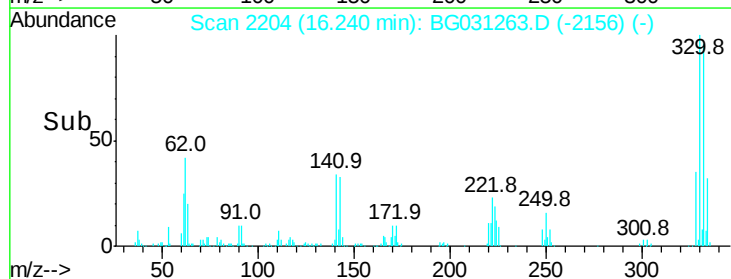
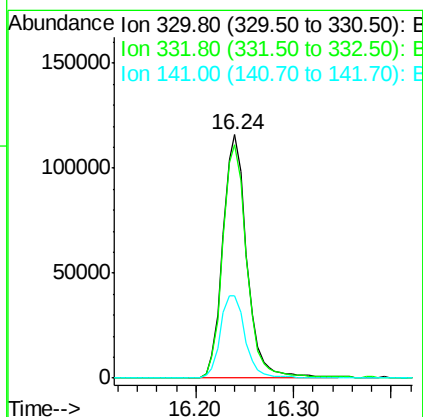
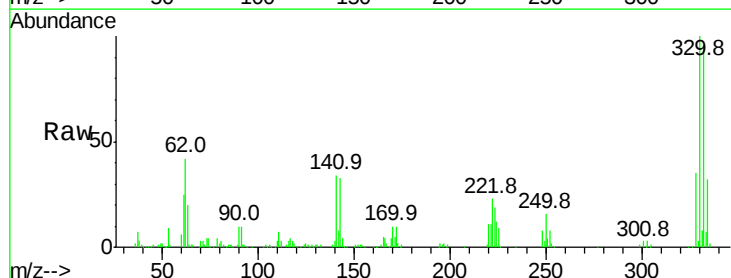
Instrument :
 BNA_G
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 EPE-109-5-(44-46)

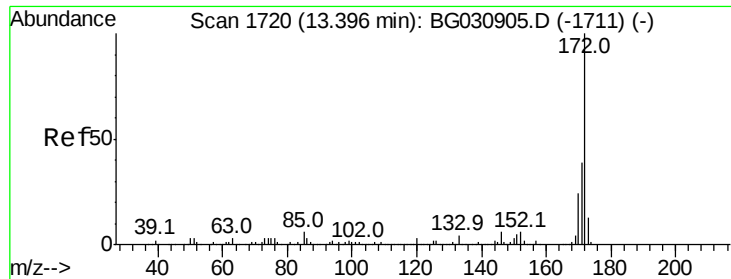
Tot Ion:164 Resp: 137546
 Ion Ratio Lower Upper
 164 100
 162 102.2 78.8 118.2
 160 45.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 89.113 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031263.D
 Acq: 28 Nov 2017 22:21

Tgt Ion:330 Resp: 198281
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 35.5 25.2 37.8

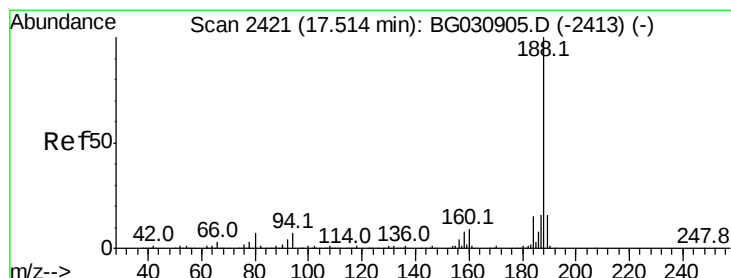
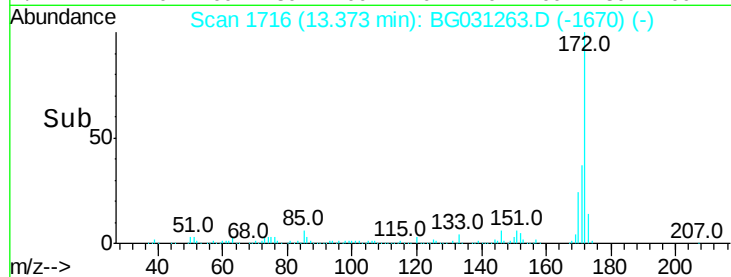
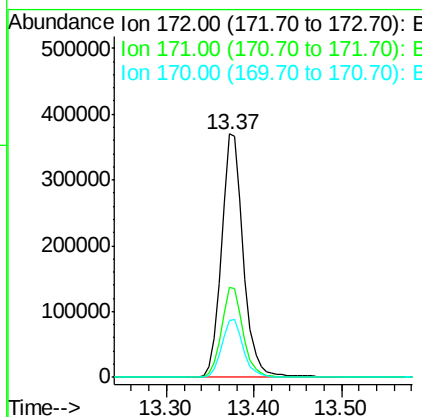
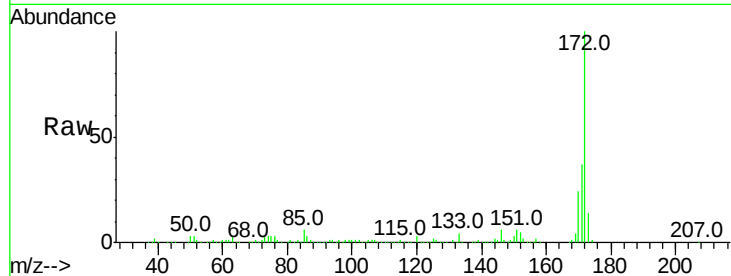




#44
2-Fluorobiphenyl
Concen: 66.559 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

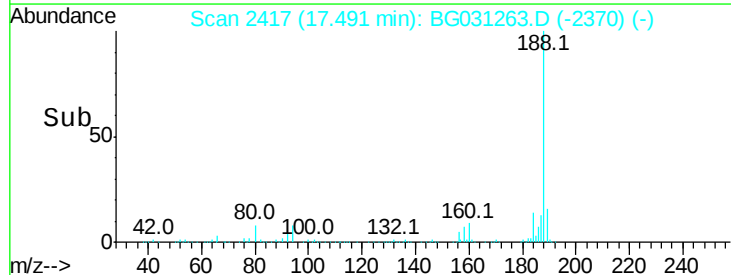
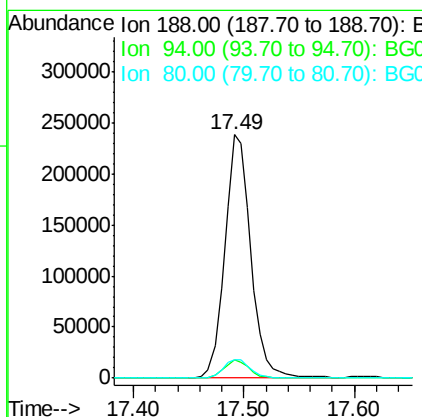
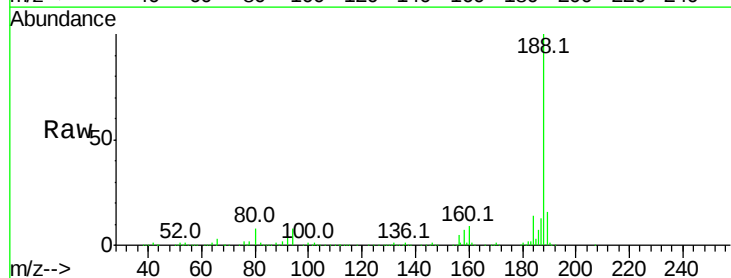
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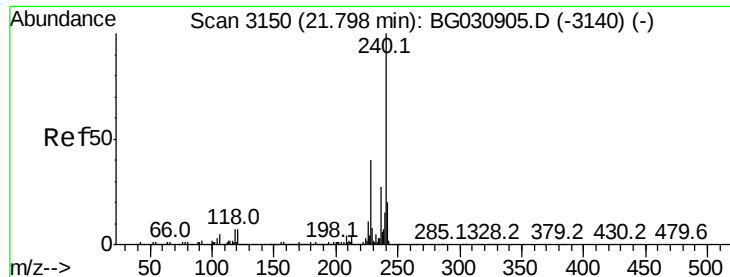
Tot Ion:172 Resp: 637137
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 23.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Tgt Ion:188 Resp: 393096
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 7.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

Instrument :

BNA_G

ClientSampleId :

EPE-109-5-(44-46)

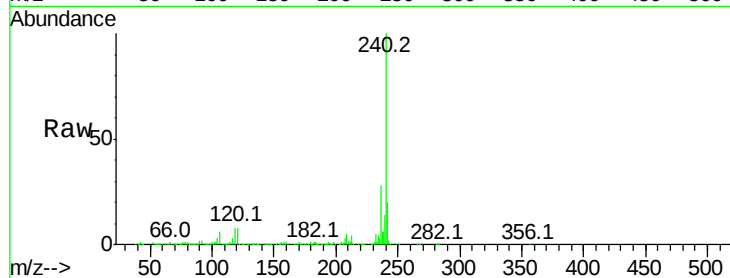
Tot Ion:240 Resp: 491921

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

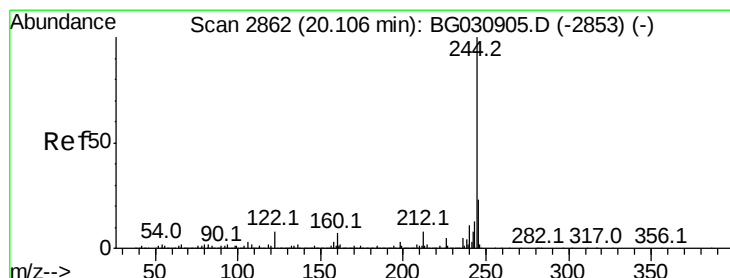
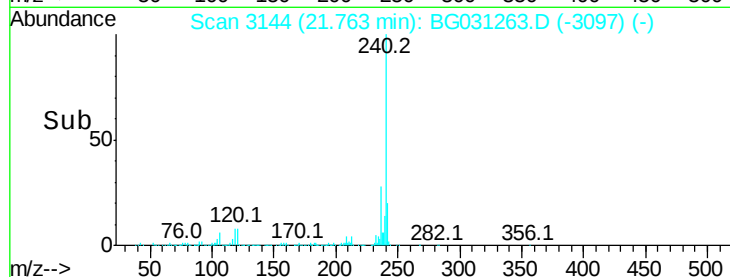
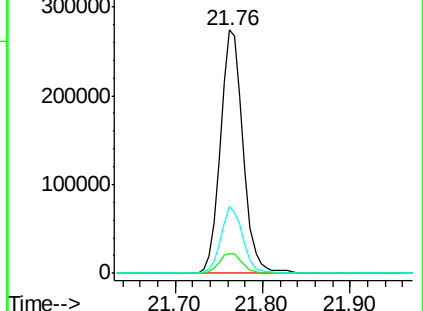
236 27.6 20.9 31.3



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: 64.074 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

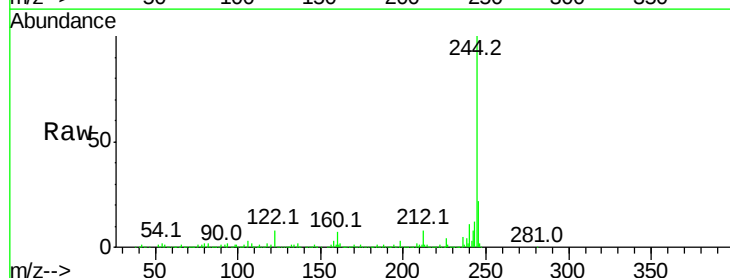
Tgt Ion:244 Resp: 1427441

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

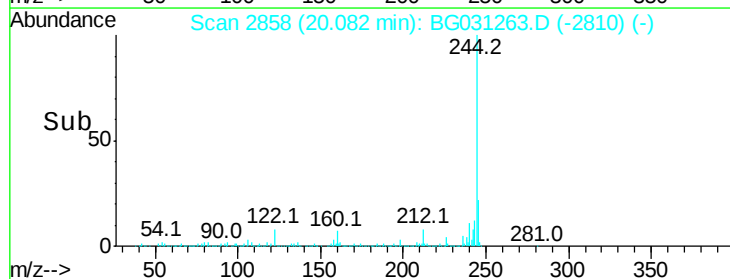
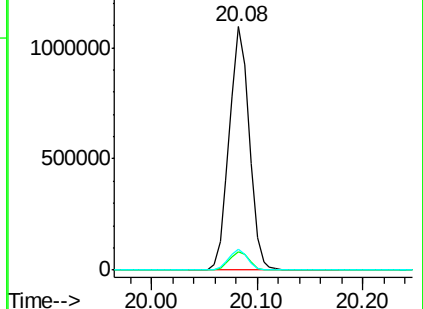
122 8.4 7.0 10.4



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031263.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5

