

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031703.D
 Acq On : 22 Dec 2017 9:54
 Operator : SJ/JU
 Sample : I6995-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Manual Integrations
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Sohil
 12/22/2017 12:50:49 PM

Quant Time: Dec 22 12:49:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:38:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	57461m	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	231714	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	154456	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	392270	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	475744	20.00	ng	-0.02
86) Perylene-d12	26.33	264	493638	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	374088	118.58	ng	0.00
7) Phenol-d6	7.93	99	441690	107.84	ng	0.00
23) Nitrobenzene-d5	10.02	82	273726	89.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	339291	143.96	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1006922	81.82	ng	0.00
78) Terphenyl-d14	20.73	244	1906384	91.55	ng	0.00
Target Compounds						
9) Benzaldehyde	8.34	77	9929	4.026	ng	Qvalue # 83

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

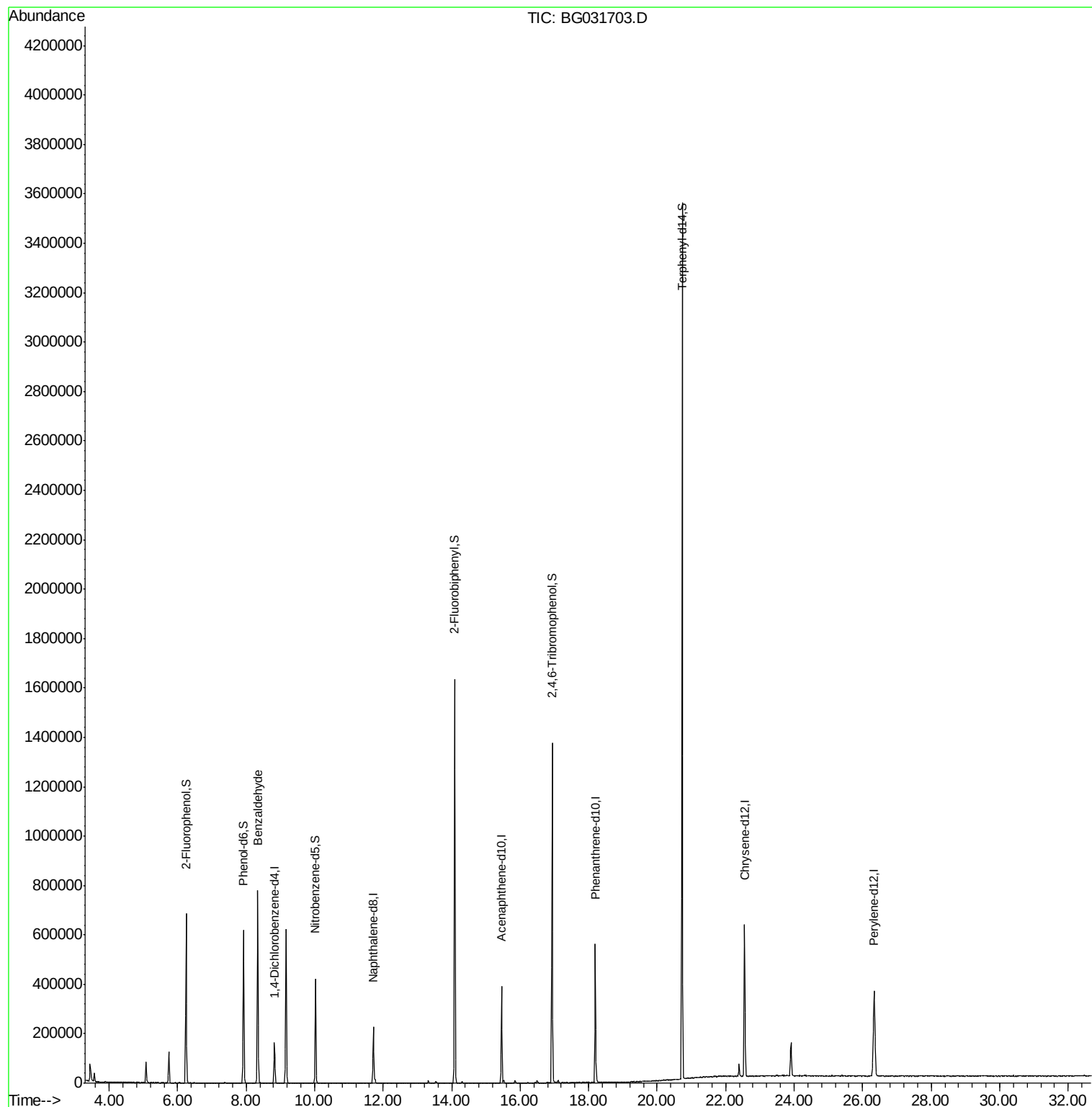
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031703.D
Acq On : 22 Dec 2017 9:54
Operator : SJ/JU
Sample : I6995-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

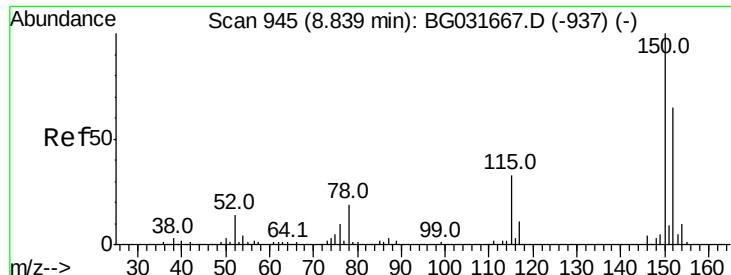
Instrument :
BNA_G
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TP-2

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#1

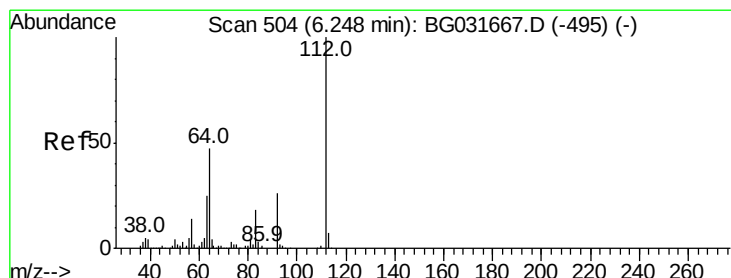
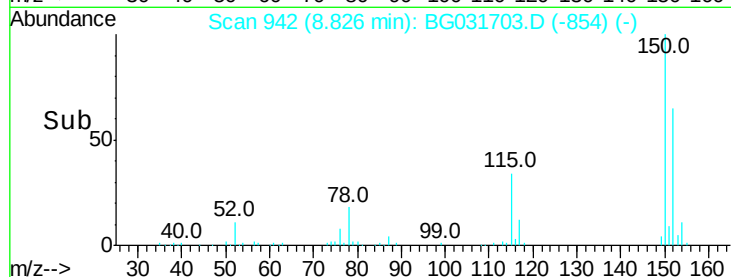
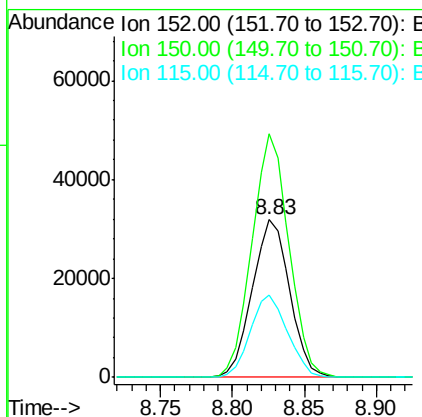
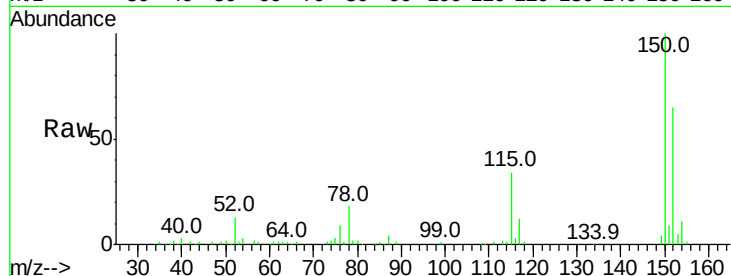
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031703.D
Acq: 22 Dec 2017 9:54

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	52.3	53.0	79.4

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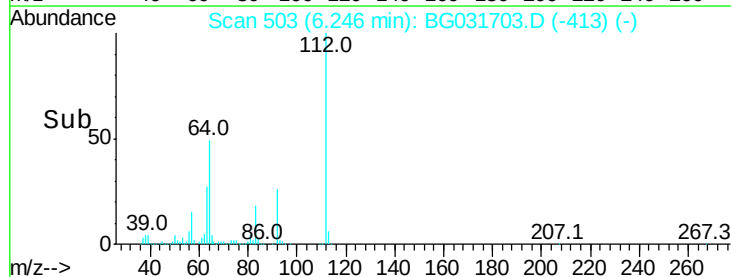
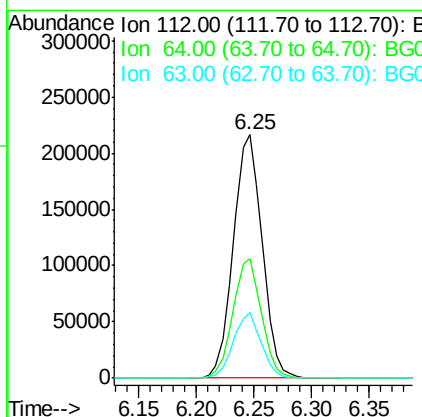
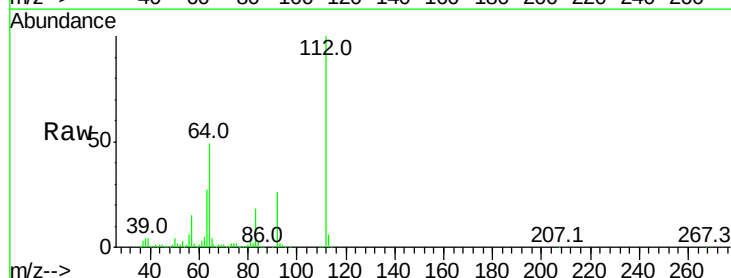
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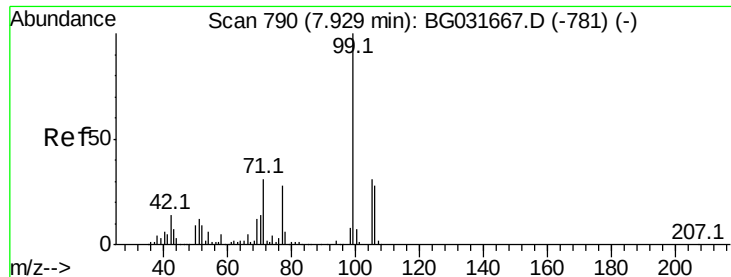


#5

2-Fluorophenol
Concen: 118.577 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031703.D
Acq: 22 Dec 2017 9:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5
63	26.9	30.1	45.1





#7

Phenol-d6

Concen: 107.835 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031703.D

Acq: 22 Dec 2017 9:54

Instrument :

BNA_G

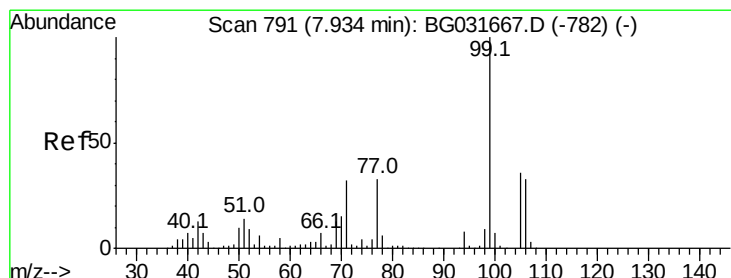
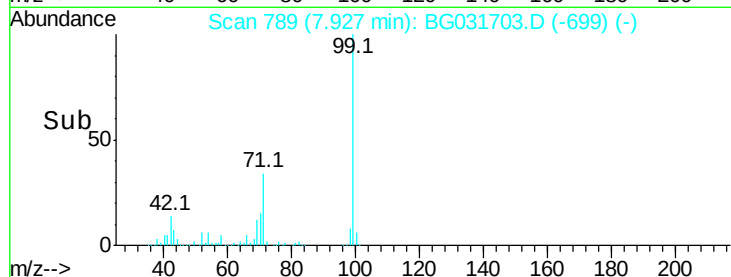
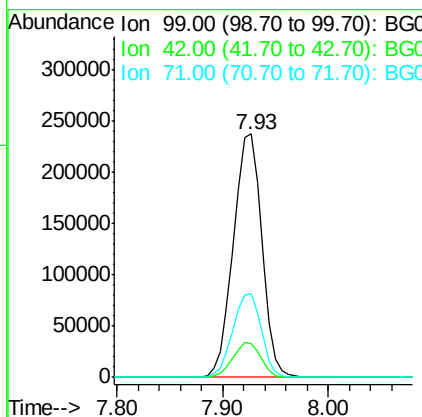
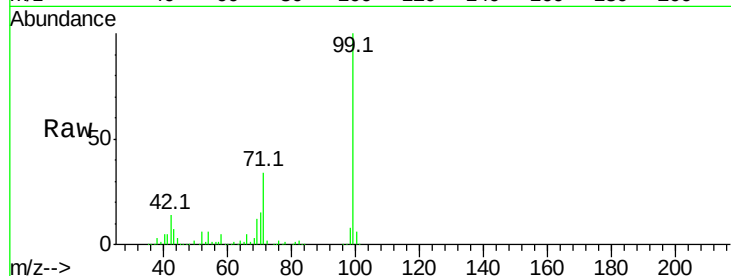
ClientSampled :

TP-2

Tot Ion:	99	Resp:	441690
Ion Ratio	Lower	Upper	
99	100		
42	13.9	14.1	21.1#
71	34.5	26.1	39.1

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#9

Benzaldehyde

Concen: 4.026 ng

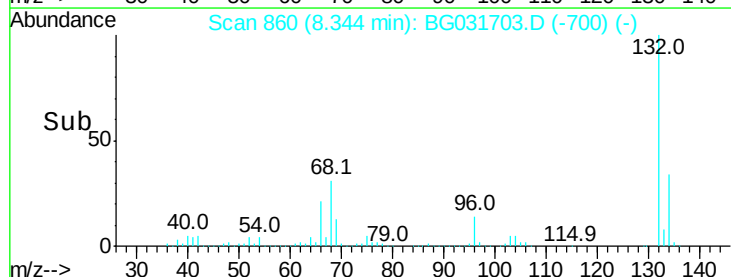
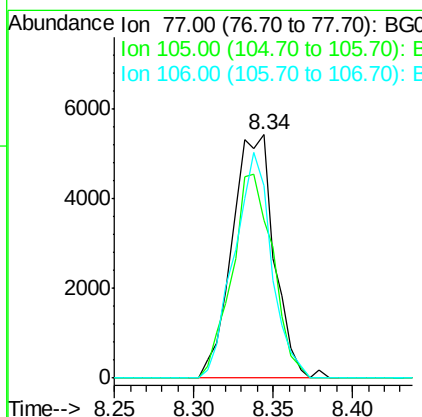
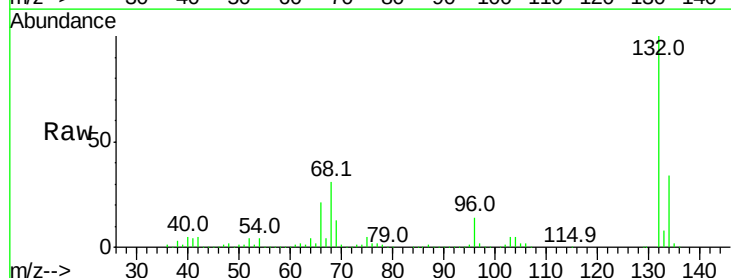
RT: 8.34 min Scan# 860

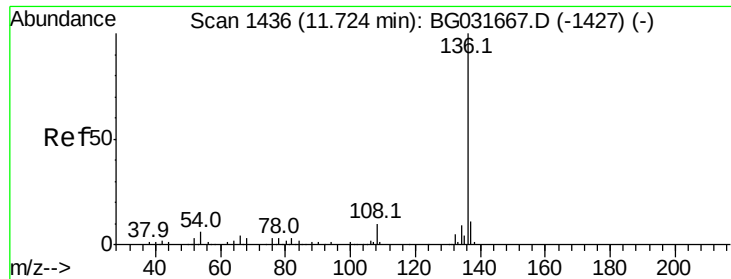
Delta R.T. 0.41 min

Lab File: BG031703.D

Acq: 22 Dec 2017 9:54

Tgt Ion:	77	Resp:	9929
Ion Ratio	Lower	Upper	
77	100		
105	64.7	71.3	111.3#
106	79.1	64.2	104.2





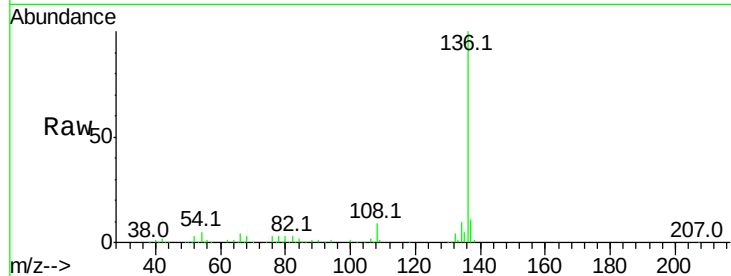
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031703.D
Acq: 22 Dec 2017 9:54

Instrument :
BNA_G
ClientSampled :
TP-2

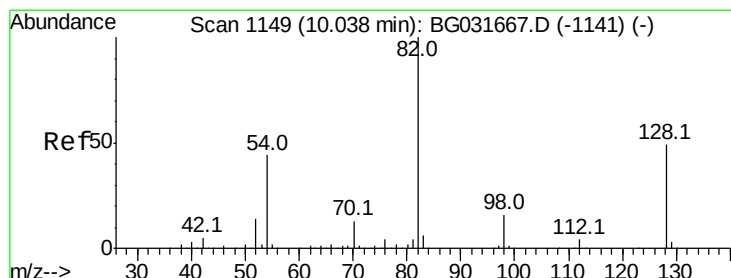
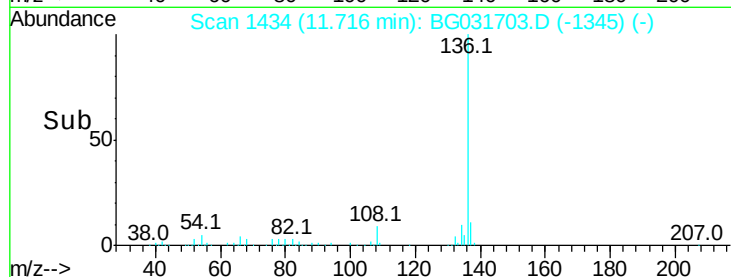
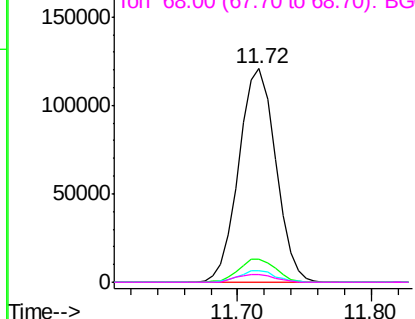
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.2	13.8	
54	5.1	10.3	15.5#	
68	3.4	4.5	6.7#	

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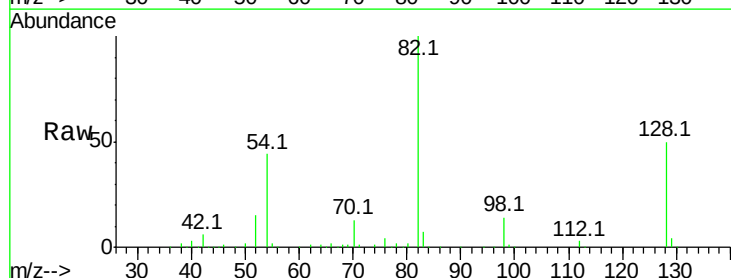


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

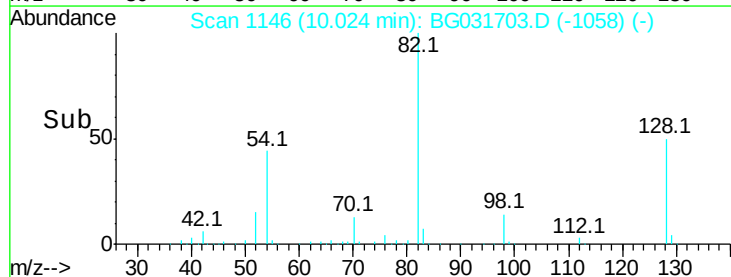
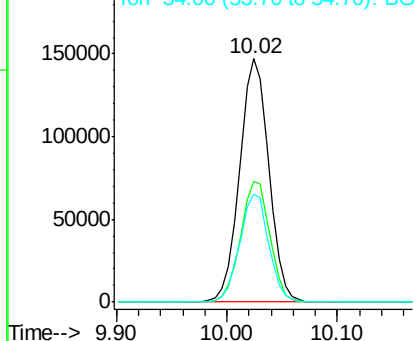


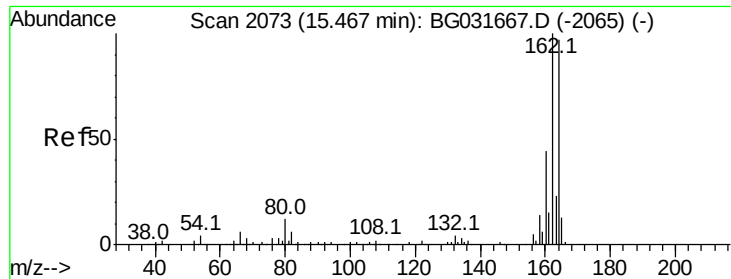
#23
Nitrobenzene-d5
Concen: 89.203 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031703.D
Acq: 22 Dec 2017 9:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.6	29.7	44.5#	
54	44.2	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





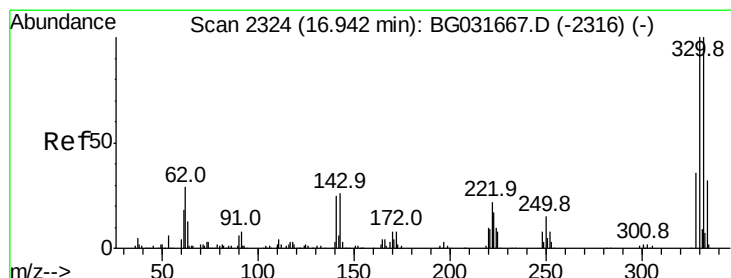
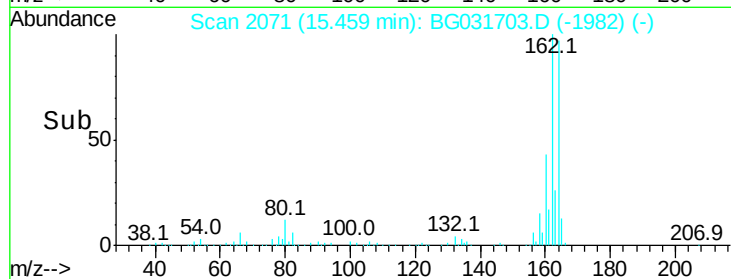
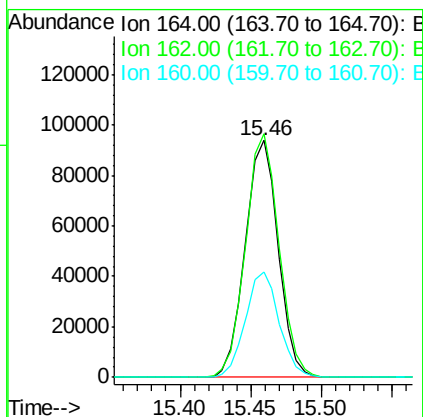
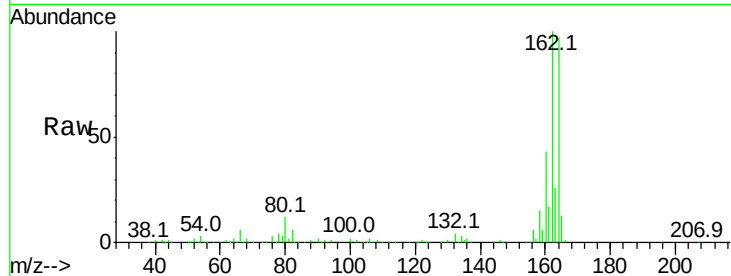
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031703.D
 Acq: 22 Dec 2017 9:54

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.6	35.4	53.0

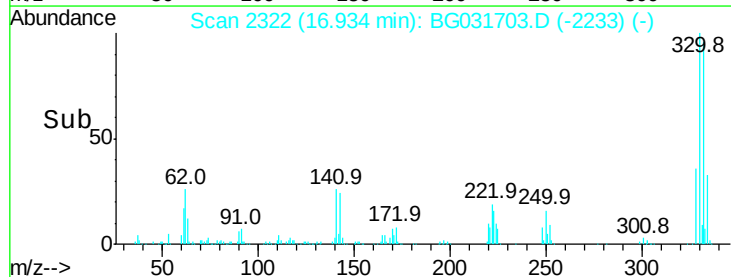
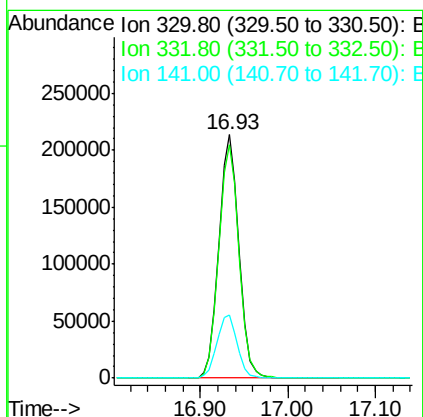
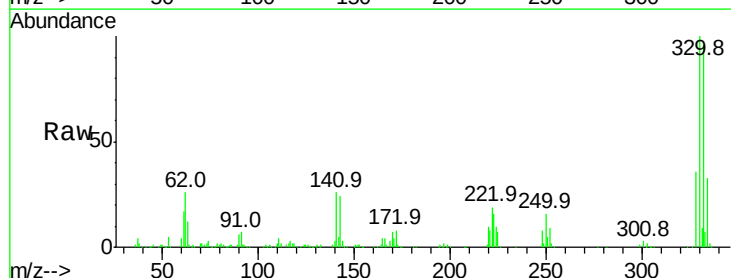
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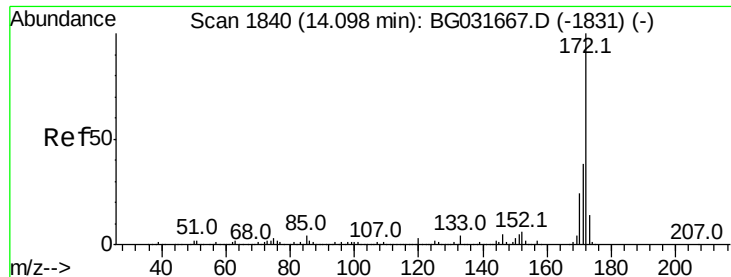
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#41
 2,4,6-Tribromophenol
 Concen: 143.964 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031703.D
 Acq: 22 Dec 2017 9:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	26.4	25.2	37.8





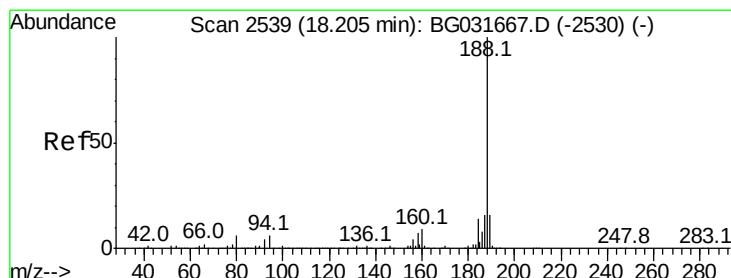
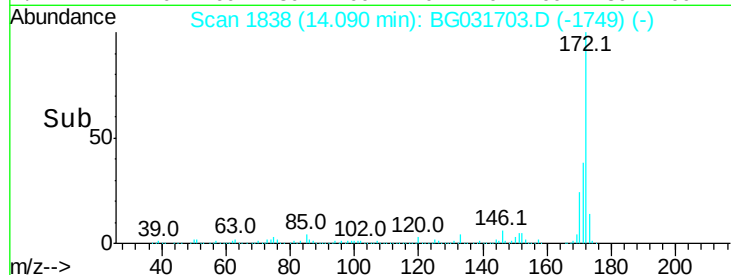
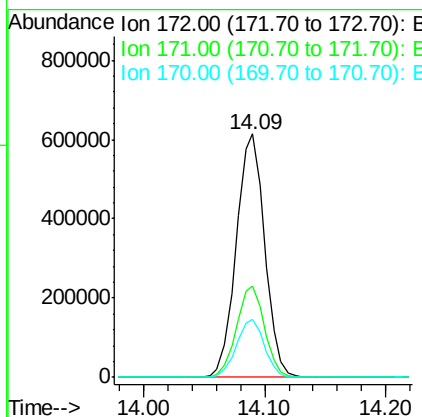
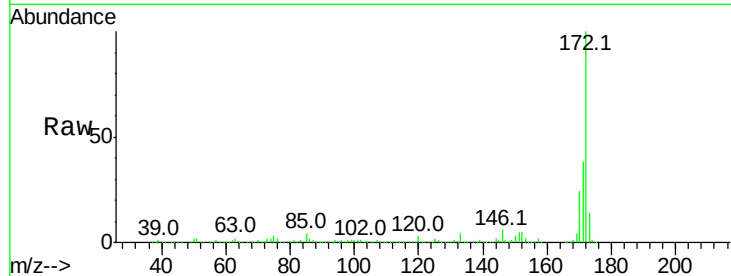
#44
2-Fluorobiphenyl
Concen: 81.824 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031703.D
Acq: 22 Dec 2017 9:54

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.7	19.5	29.3

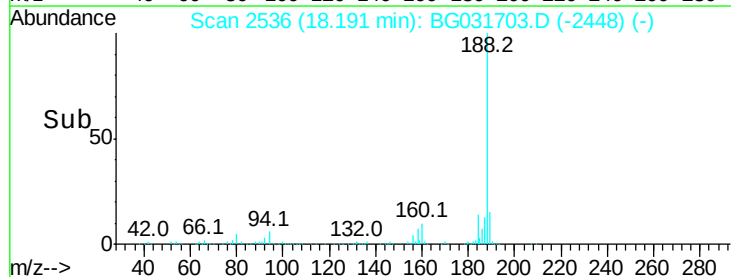
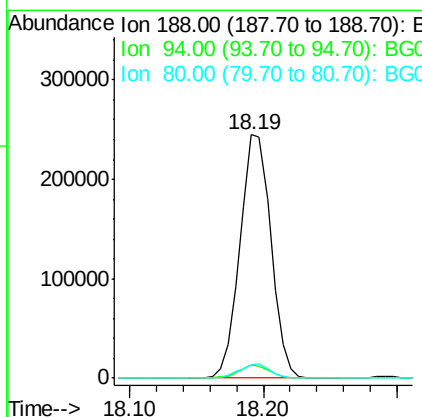
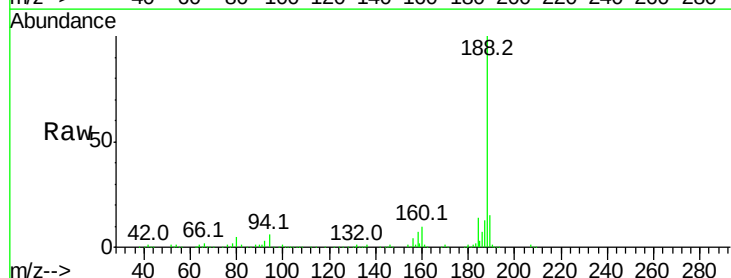
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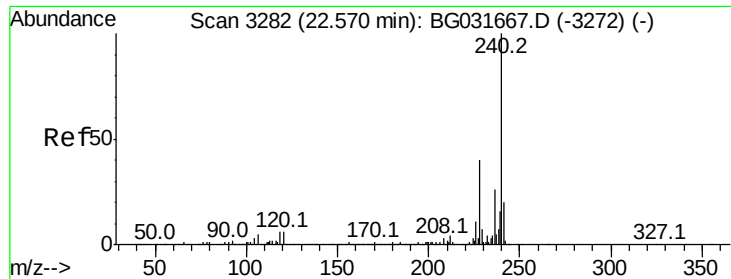
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031703.D
Acq: 22 Dec 2017 9:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.4	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BG031703.D

Acq: 22 Dec 2017 9:54

Instrument :

BNA_G

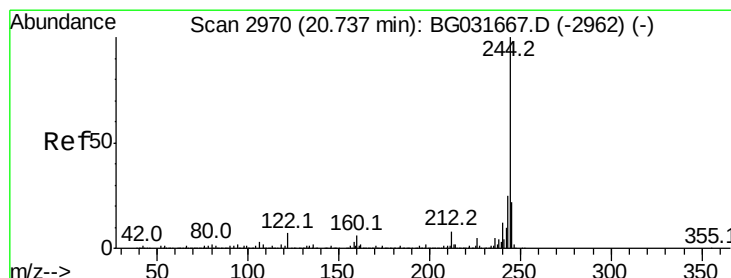
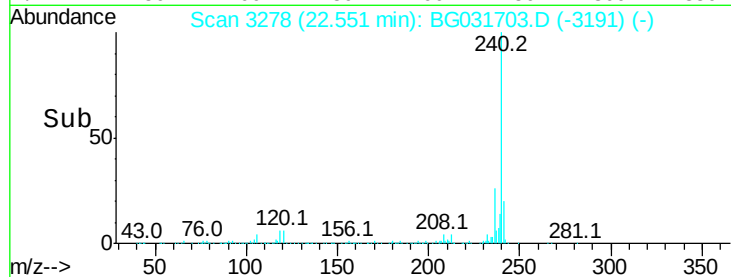
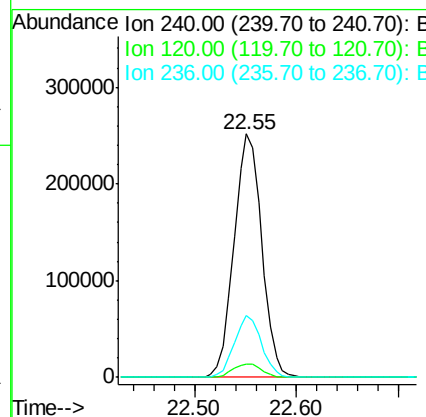
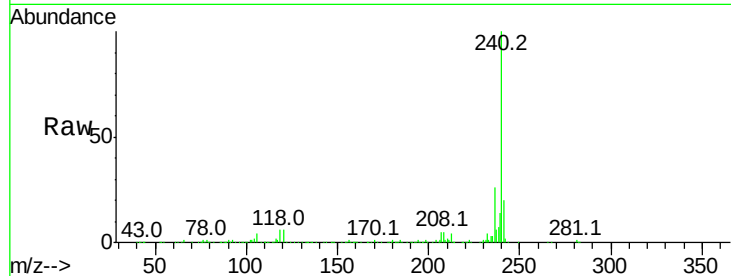
ClientSampled :

TP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.5	20.9	31.3

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#78

Terphenyl-d14

Concen: 91.550 ng

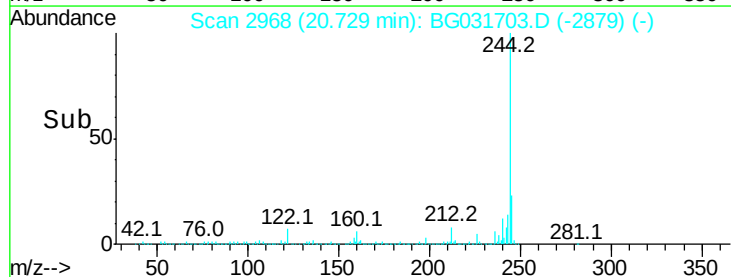
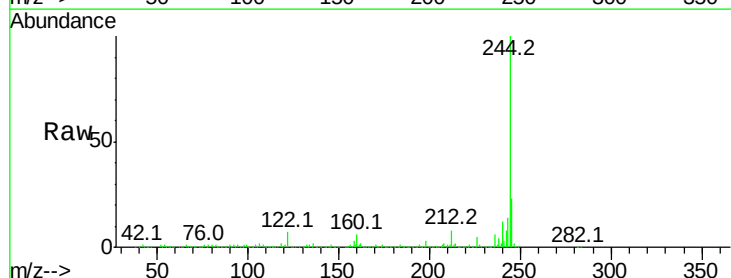
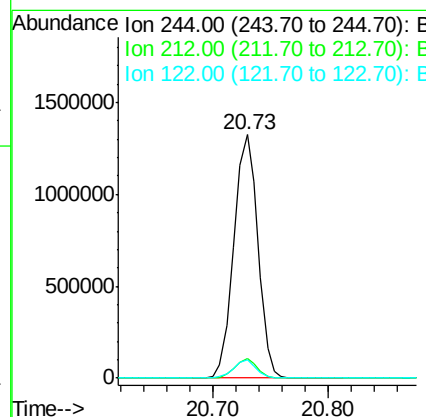
RT: 20.73 min Scan# 2968

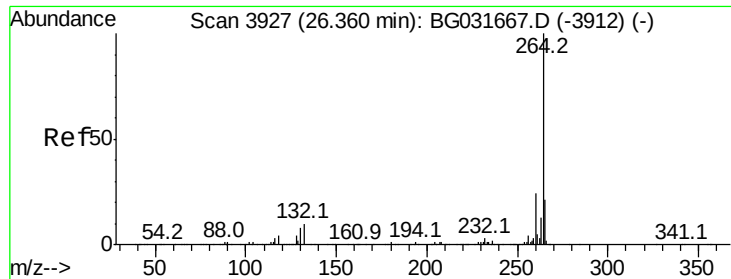
Delta R.T. -0.01 min

Lab File: BG031703.D

Acq: 22 Dec 2017 9:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.3	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG031703.D
Acq: 22 Dec 2017 9:54

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	20.7	17.7	26.5

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