

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033586.D
 Acq On : 5 Apr 2018 8:49
 Operator : SJ/JU
 Sample : J2207-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

Sohil
 4/5/2018 5:04:05 PM

Quant Time: Apr 05 11:22:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29038	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	132170	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112186	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	304868	20.00	ng	0.00
75) Chrysene-d12	22.55	240	319012	20.00	ng	-0.01
86) Perylene-d12	26.33	264	290775m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	234263	151.27	ng	0.00
7) Phenol-d6	7.97	99	337507	126.84	ng	0.00
23) Nitrobenzene-d5	10.06	82	281430	97.83	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	215813	128.62	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	696604	89.64	ng	0.00
78) Terphenyl-d14	20.73	244	1428104	95.74	ng	0.00

Target Compounds Qvalue

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

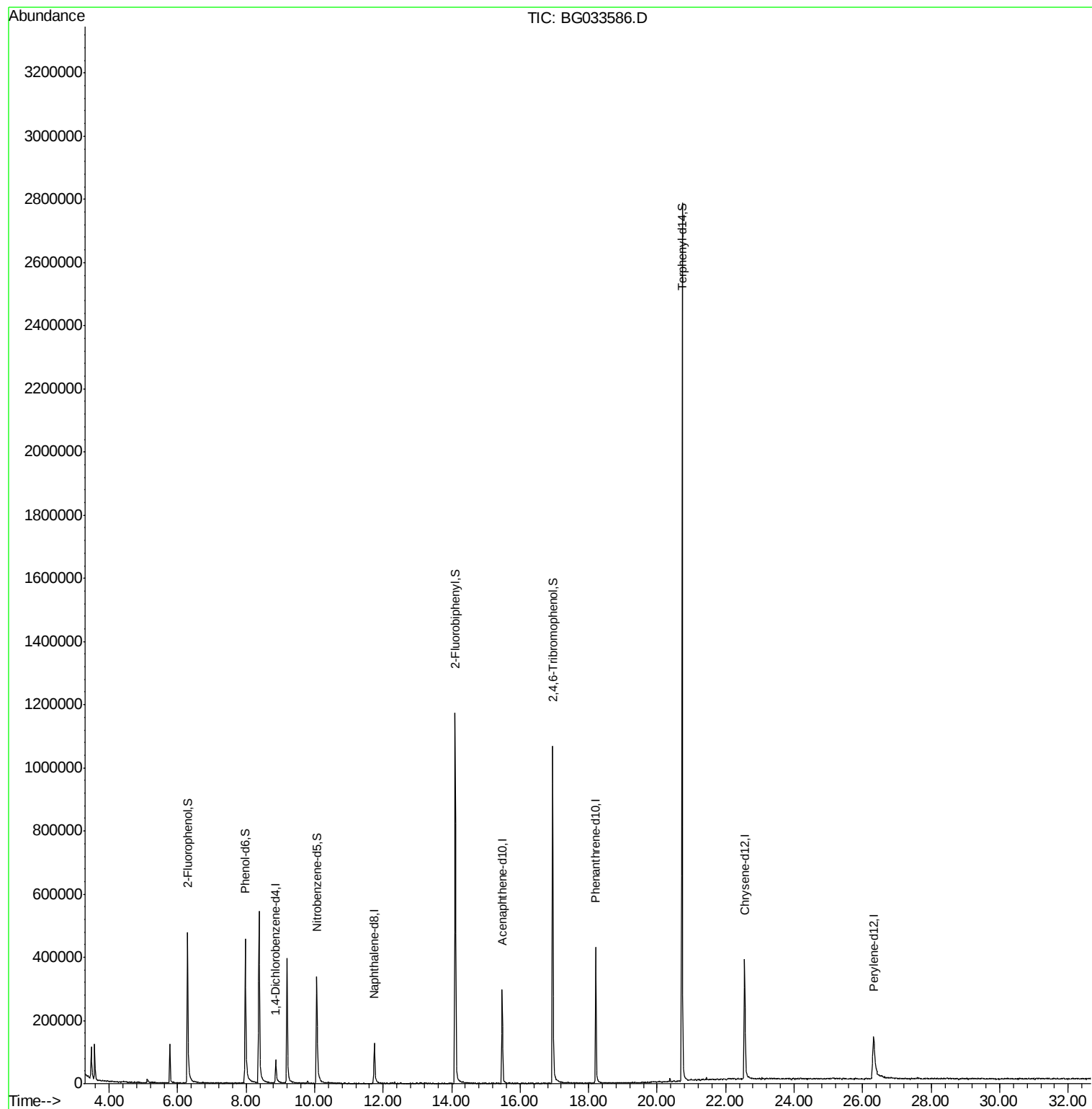
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033586.D
Acq On : 5 Apr 2018 8:49
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Sample : J2207-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

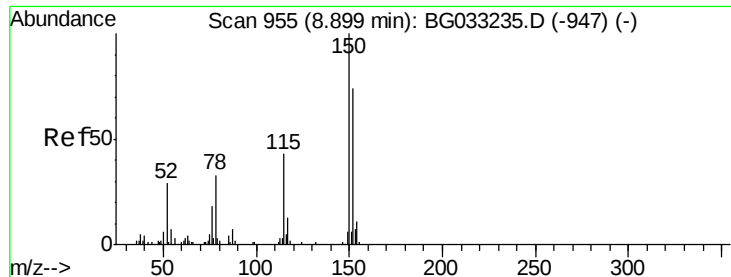
Instrument :
BNA_G
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#1

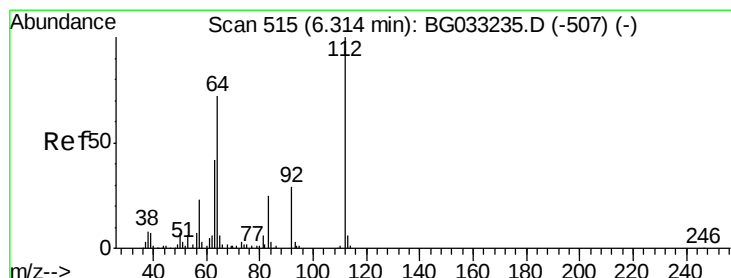
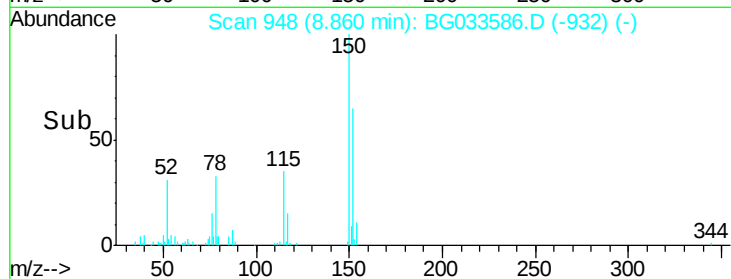
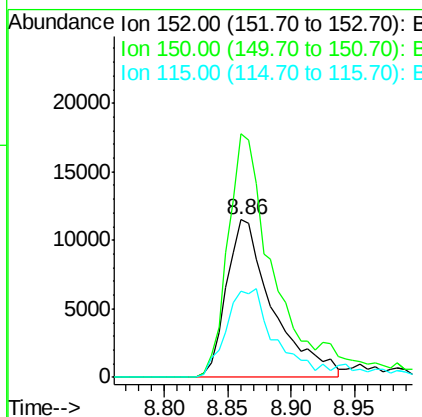
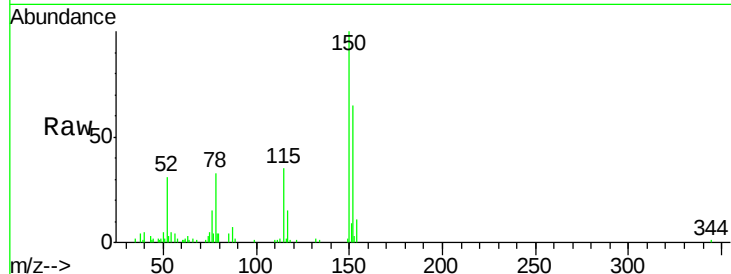
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	54.6	53.0	79.4

Manual Integrations
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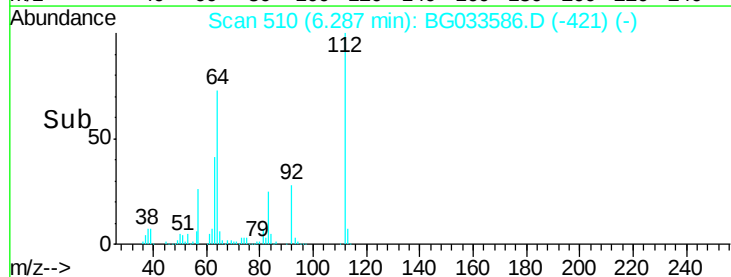
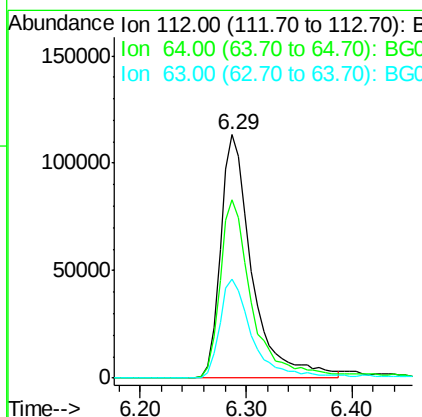
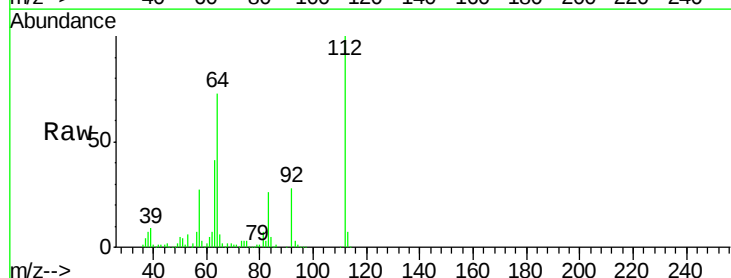
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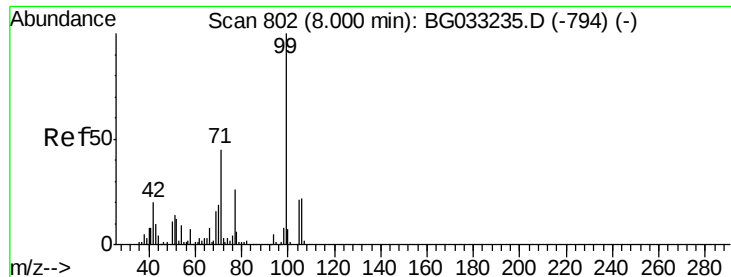


#5

2-Fluorophenol
Concen: 151.275 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.3	84.5
63	40.8	30.1	45.1





#7

Phenol-d6

Concen: 126.844 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

Instrument :

BNA_G

ClientSampleId :

SP-1

Tot Ion: 99 Resp: 337507

Ion Ratio Lower Upper

99 100

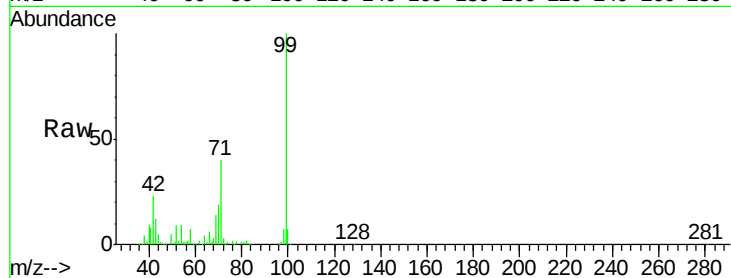
42 22.6 14.1 21.1#

71 40.0 26.1 39.1#

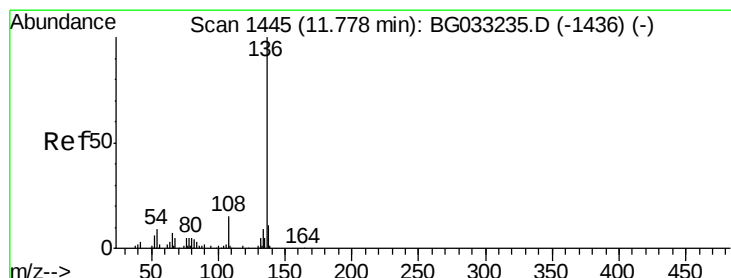
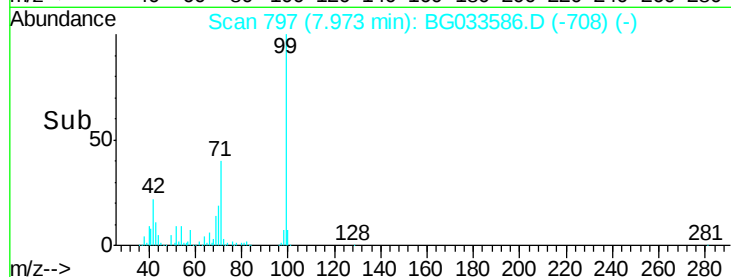
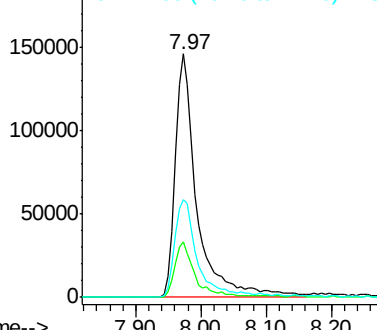
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

Tgt Ion: 136 Resp: 132170

Ion Ratio Lower Upper

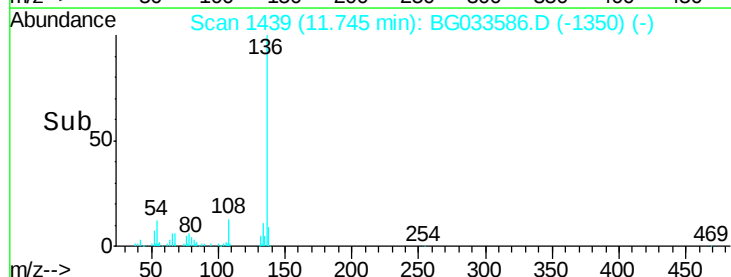
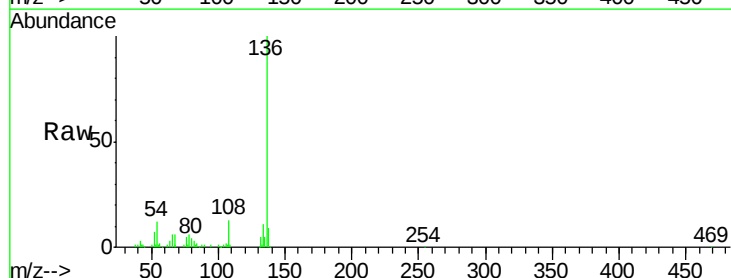
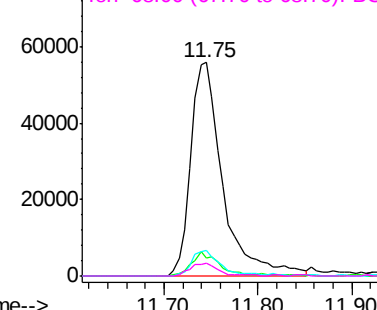
136 100

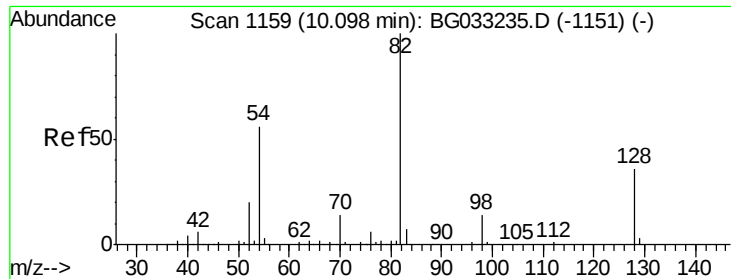
137 8.7 9.2 13.8#

54 11.9 10.3 15.5

68 5.8 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





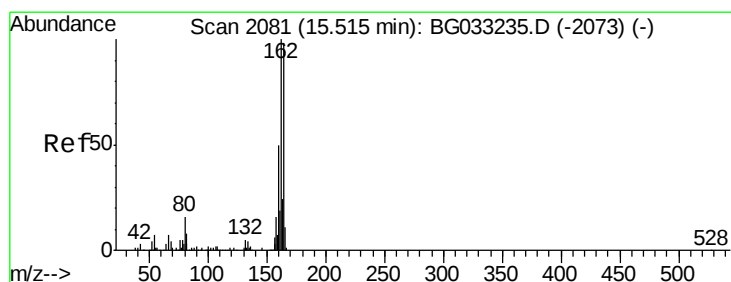
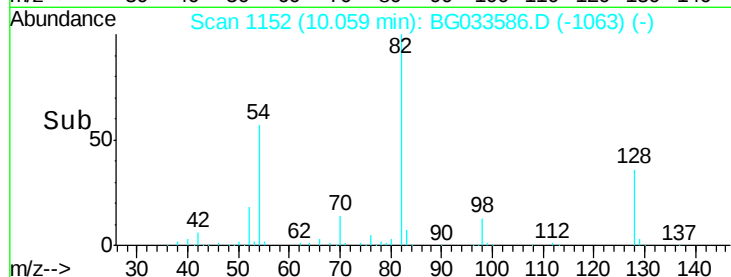
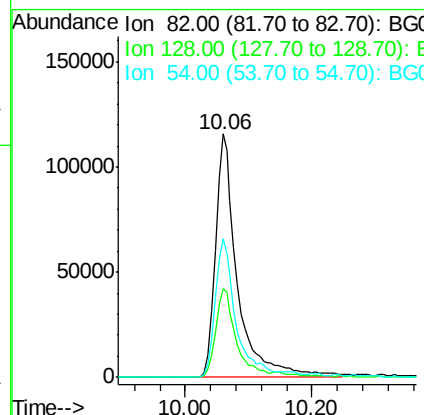
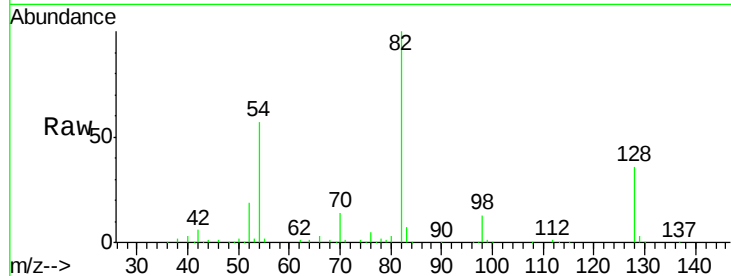
#23
Nitrobenzene-d5
Concen: 97.829 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	56.9	43.1	64.7

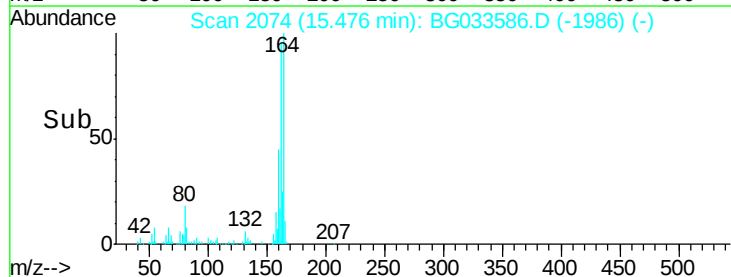
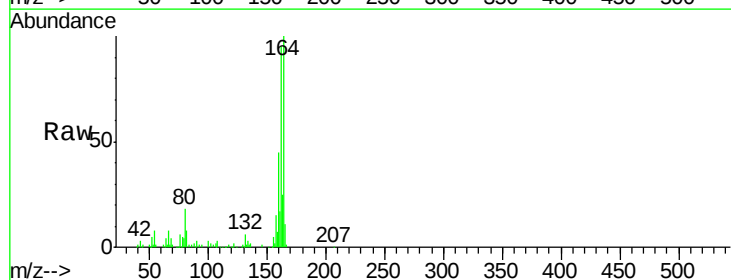
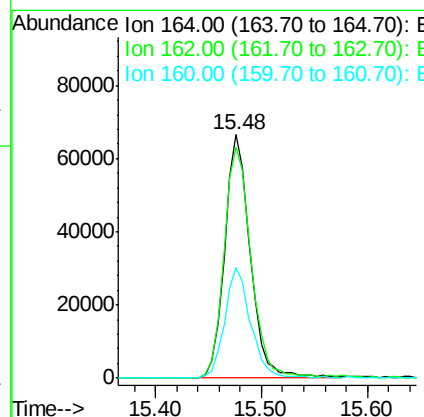
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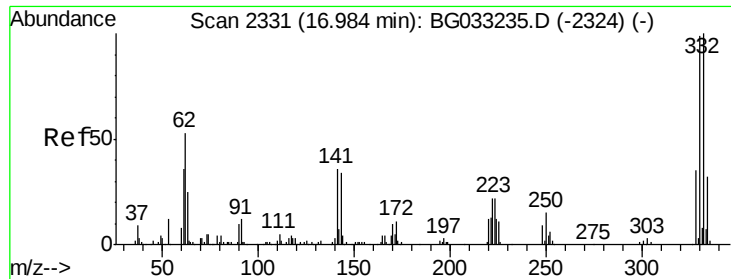
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.6	78.8	118.2
160	45.2	35.4	53.0





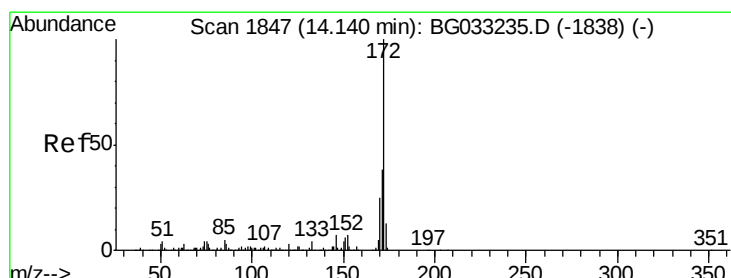
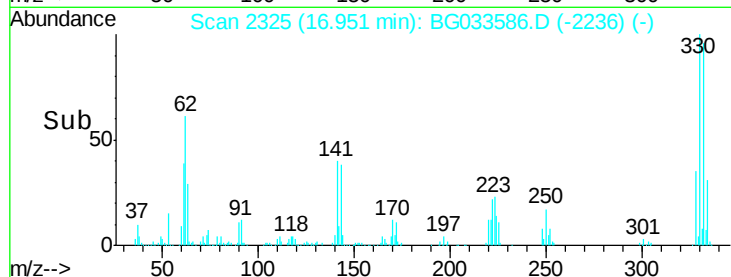
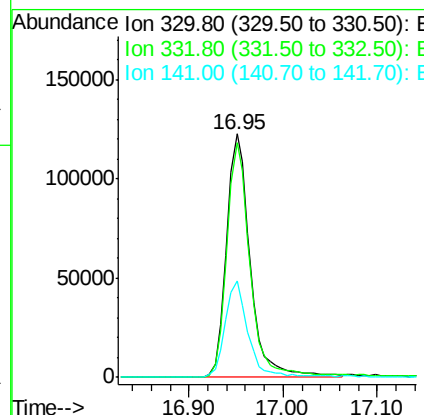
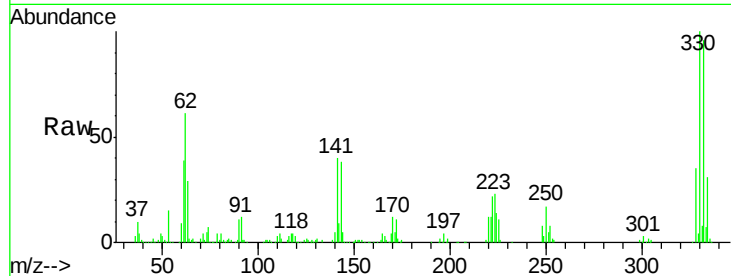
#41
 2,4,6-Tribromophenol
 Concen: 128.623 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Instrument :
 BNA_G
 ClientSampled :
 SP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.9	77.0	115.6	
141	38.1	25.2	37.8	

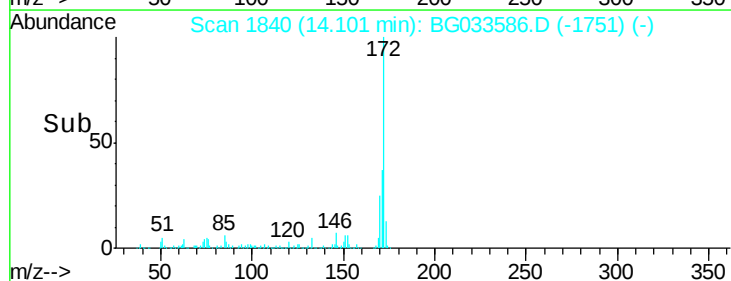
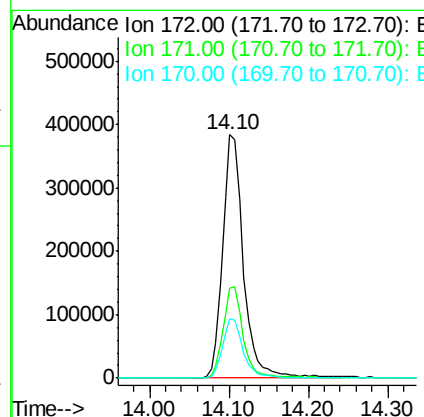
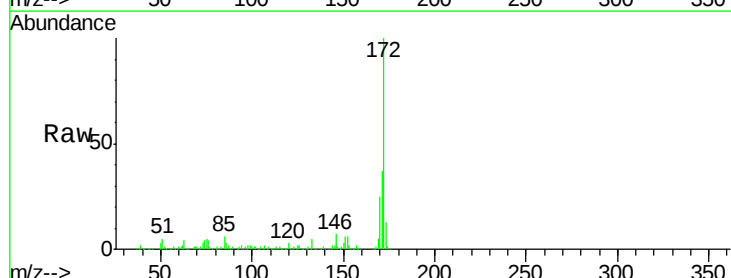
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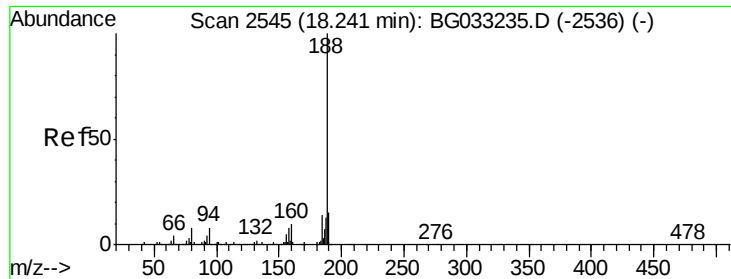
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#44
 2-Fluorobiphenyl
 Concen: 89.641 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	30.0	45.0	
170	24.6	19.5	29.3	





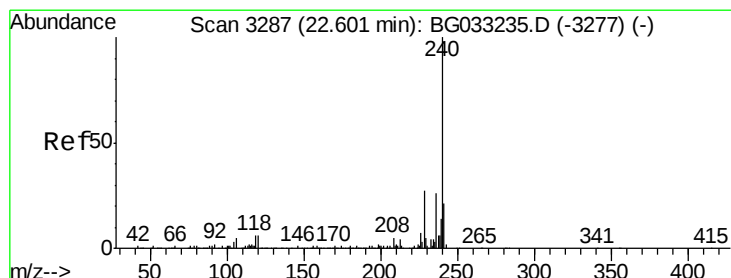
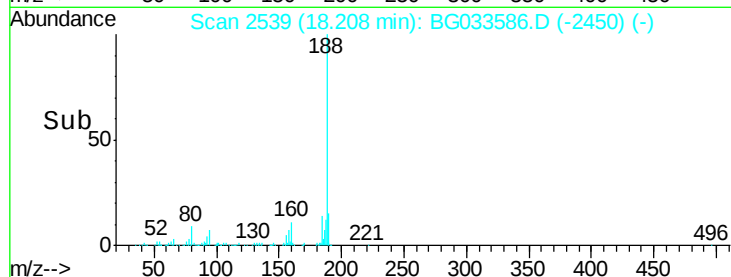
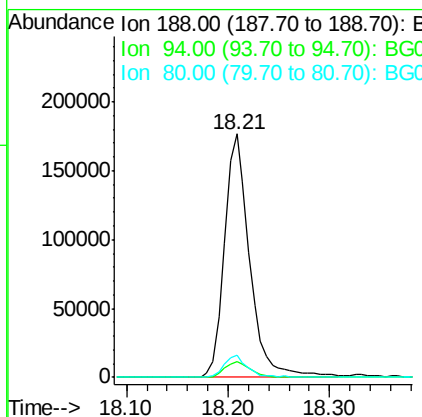
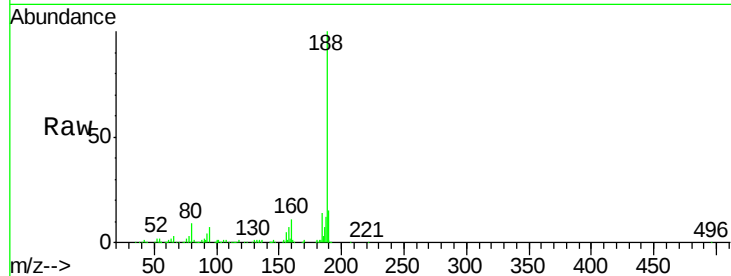
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	304868		
94	6.7		6.9	10.3#
80	9.0		7.7	11.5

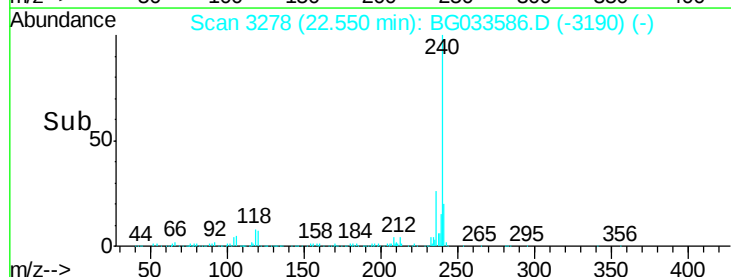
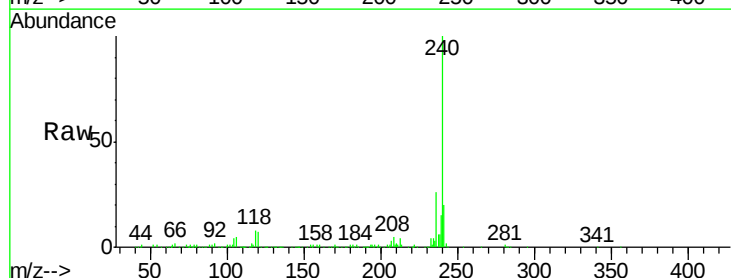
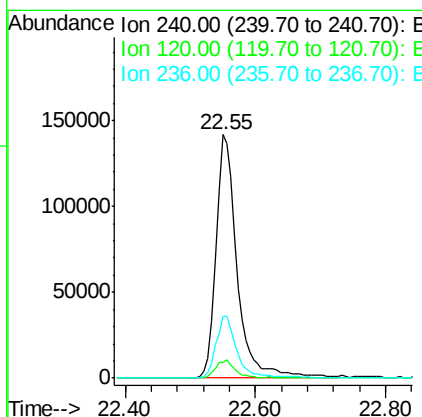
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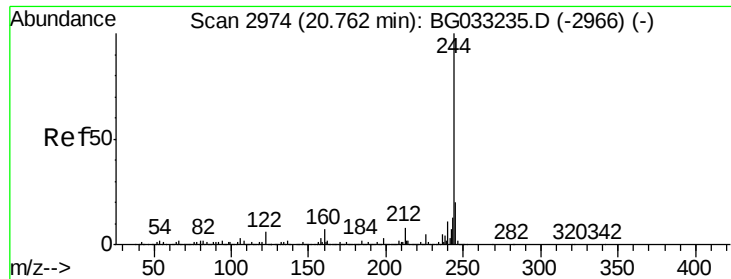
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	319012		
120	6.7		6.8	10.2#
236	25.6		20.9	31.3





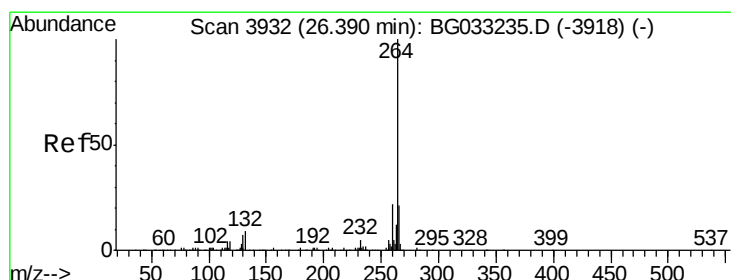
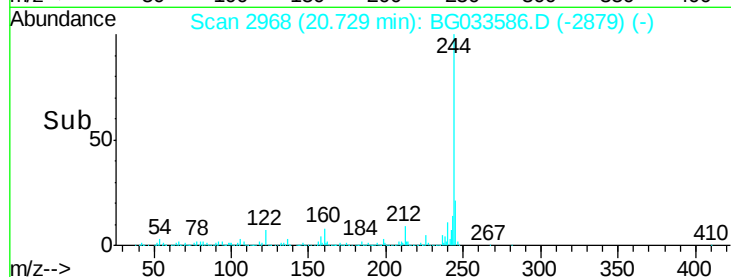
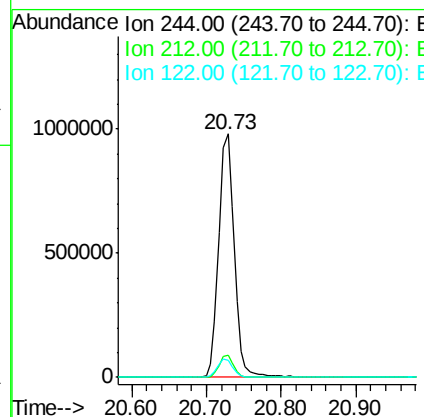
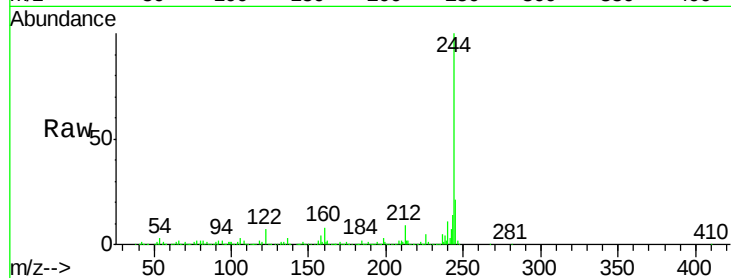
#78
 Terphenyl-d14
 Concen: 95.738 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Instrument :
 BNA_G
 ClientSampled :
 SP-1

Tot Ion:244 Resp: 1428104
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.1 7.0 10.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tgt Ion:264 Resp: 290775
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 22.6 17.7 26.5

