

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033813.D
 Acq On : 16 Apr 2018 13:04
 Operator : SJ/JU
 Sample : J2357-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR2520258

Manual Integrations
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Sohil
 4/17/2018 5:20:21 PM

Quant Time: Apr 16 14:11:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	24676	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	116488m	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89125	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	275560	20.00	ng	0.00
75) Chrysene-d12	22.56	240	304896	20.00	ng	0.00
86) Perylene-d12	26.32	264	317983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	221719m	168.48	ng	-0.01
7) Phenol-d6	7.99	99	293605m	129.85	ng	0.00
23) Nitrobenzene-d5	10.06	82	232471	91.69	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	214860	161.19	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	593312	96.10	ng	0.00
78) Terphenyl-d14	20.73	244	1480457	103.84	ng	0.00
Target Compounds						
76) Benzidine	20.38	184	29431	3.559	ng	Qvalue # 95

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

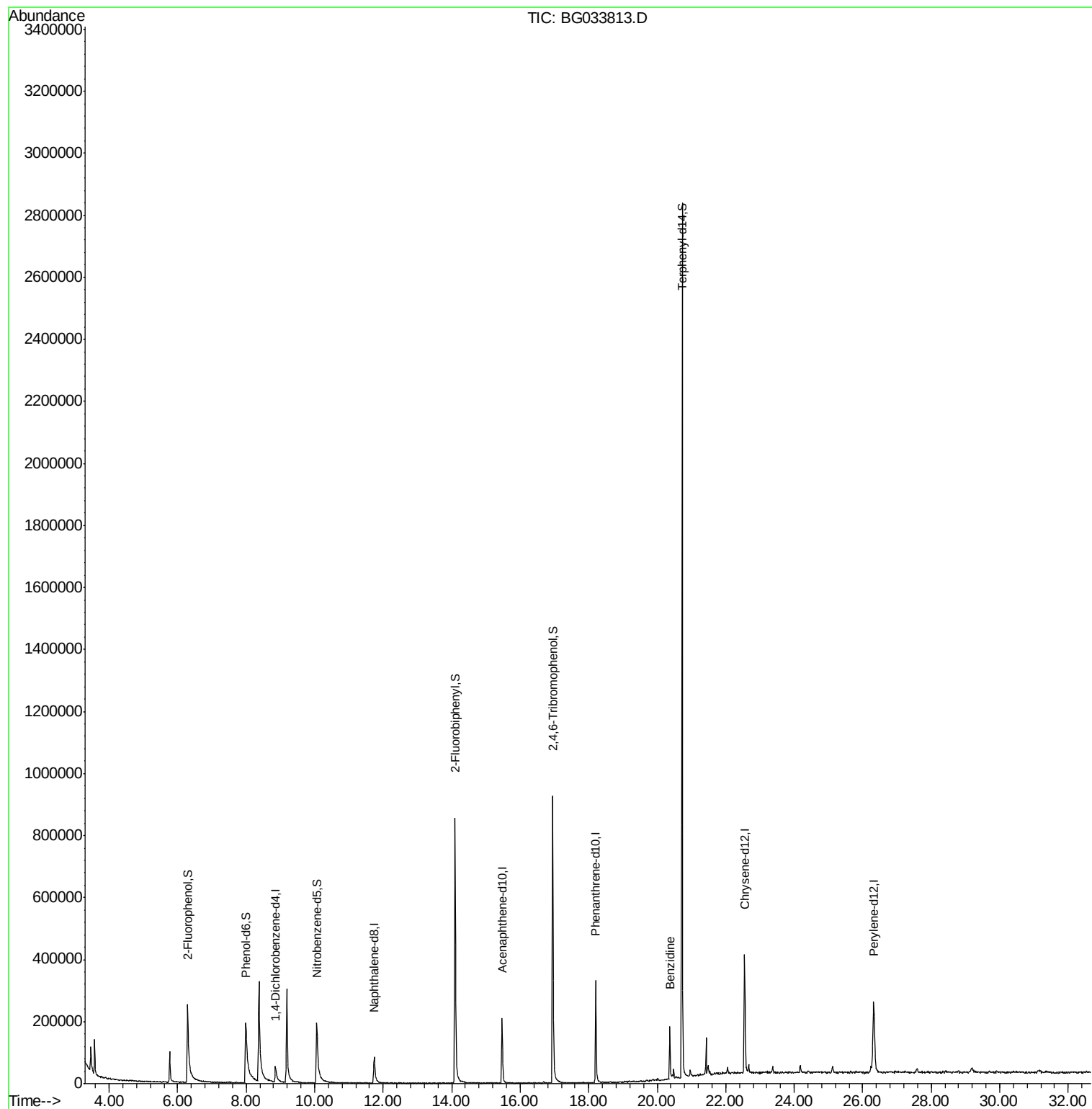
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033813.D
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Operator : SJ/JU
Sample : J2357-02
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ALS Vial : 6 Sample Multiplier: 1

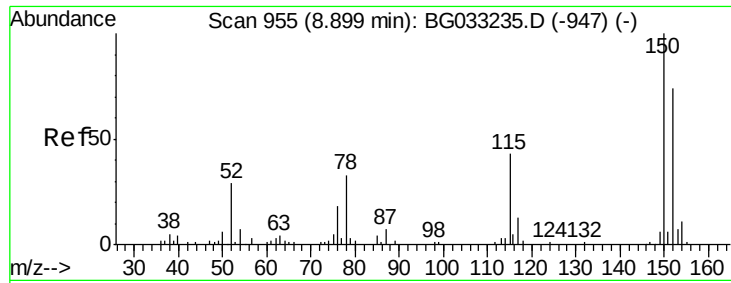
Instrument :
BNA_G
ClientSampleId :
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Response via : Initial Calibration





#1

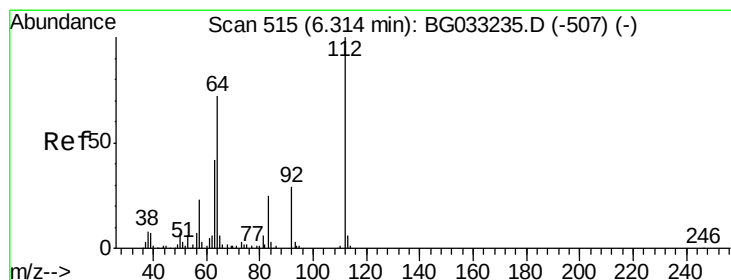
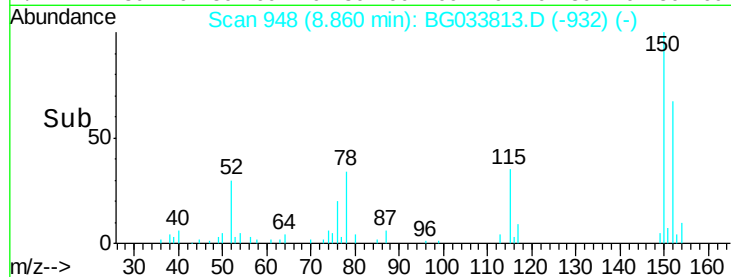
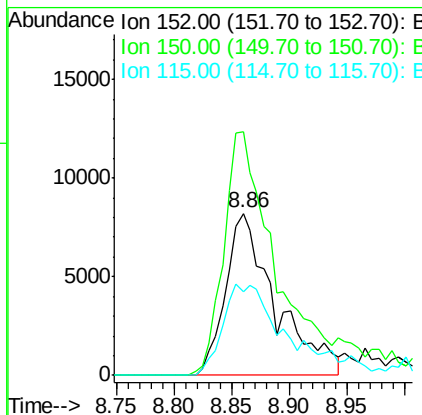
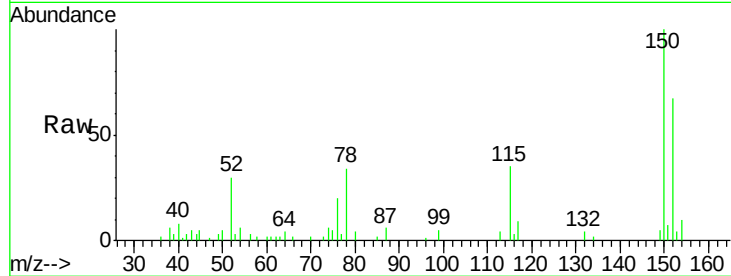
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Instrument :
BNA_G
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.6	189.8
115	51.9	53.0	79.4

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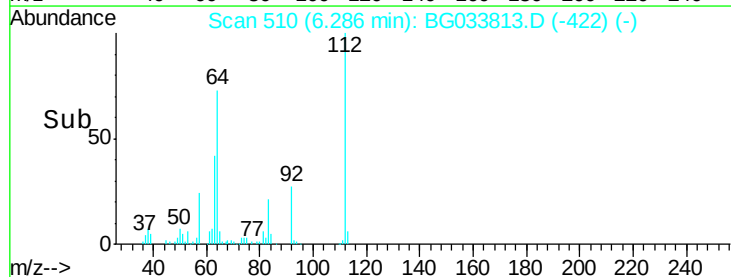
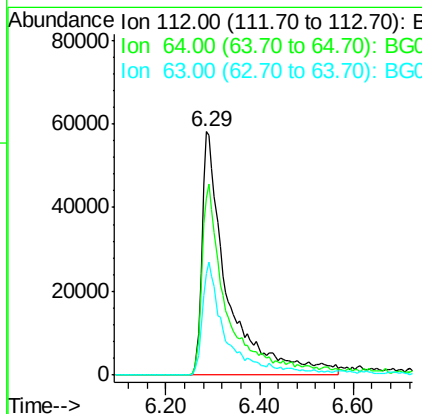
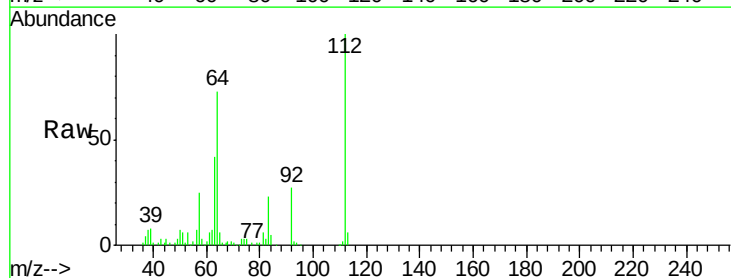
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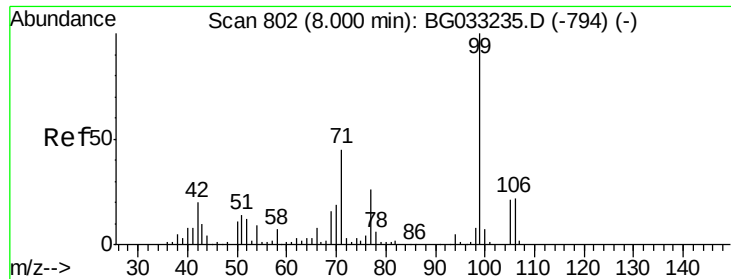


#5

2-Fluorophenol
Concen: 168.483 ng m
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.3	84.5
63	41.8	30.1	45.1





#7

Phenol-d6

Concen: 129.850 ng m

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

Instrument :

BNA_G

ClientSampleId :

RBR2520258

Tot Ion: 99 Resp: 293605

Ion Ratio Lower Upper

99 100

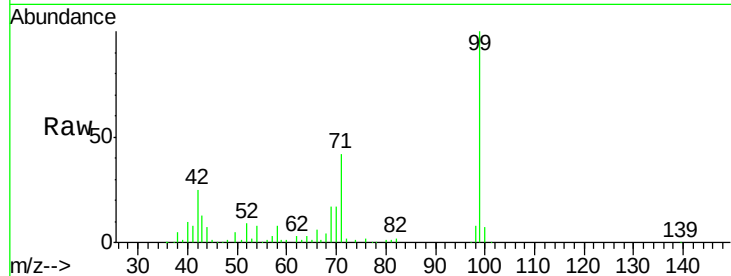
42 24.6 14.1 21.1#

71 41.6 26.1 39.1#

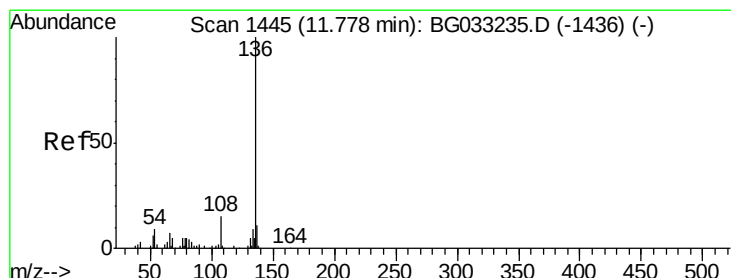
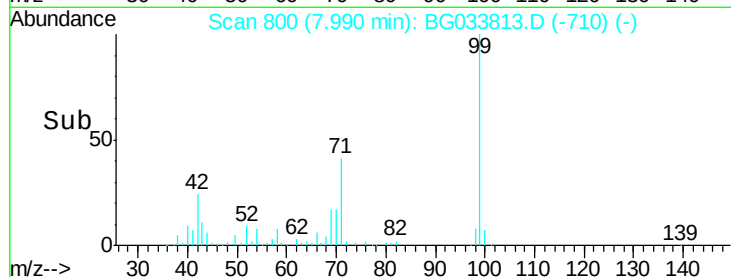
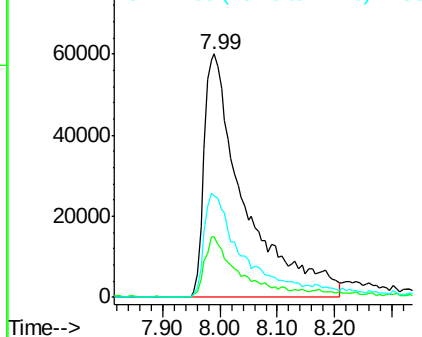
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng m

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033813.D

Acq: 16 Apr 2018 13:04

Tgt Ion: 136 Resp: 116488

Ion Ratio Lower Upper

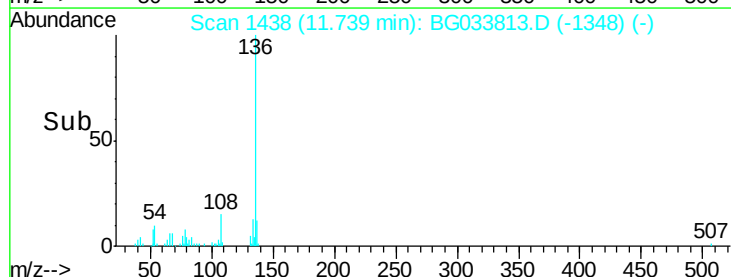
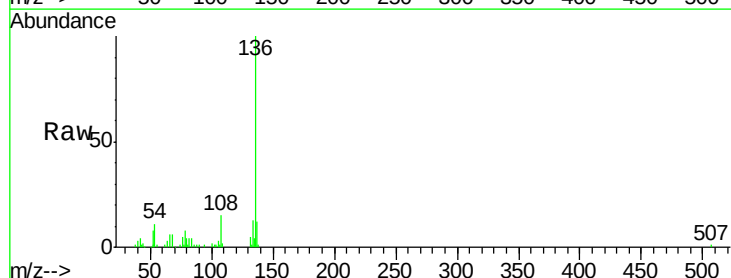
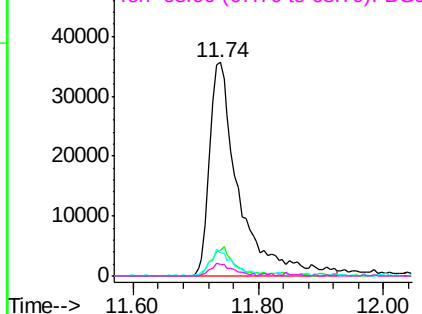
136 100

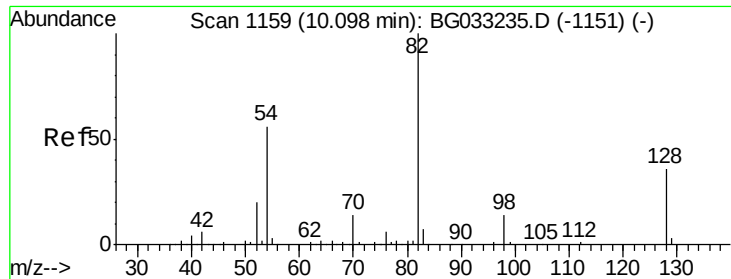
137 12.1 9.2 13.8

54 10.9 10.3 15.5

68 5.6 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





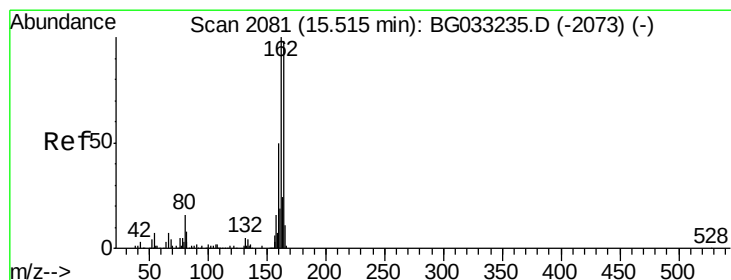
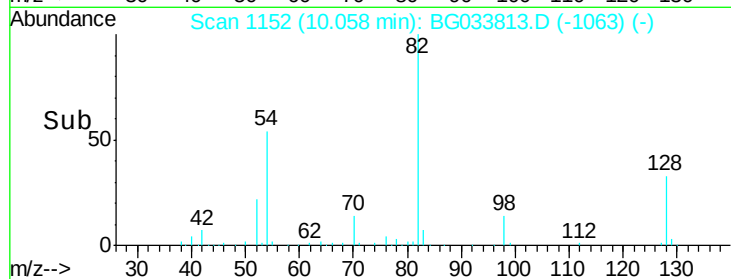
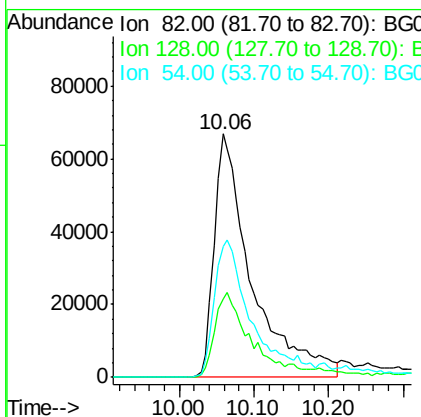
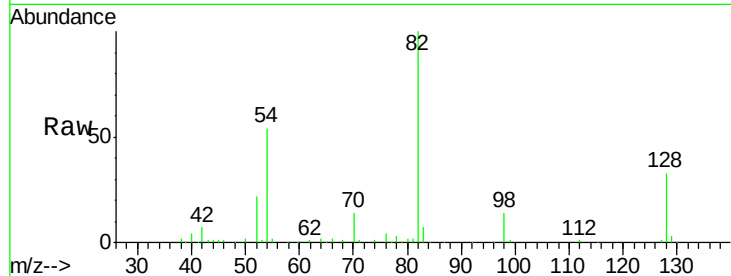
#23
Nitrobenzene-d5
Concen: 91.689 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Instrument :
BNA_G
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	29.7	44.5
54	53.7	43.1	64.7

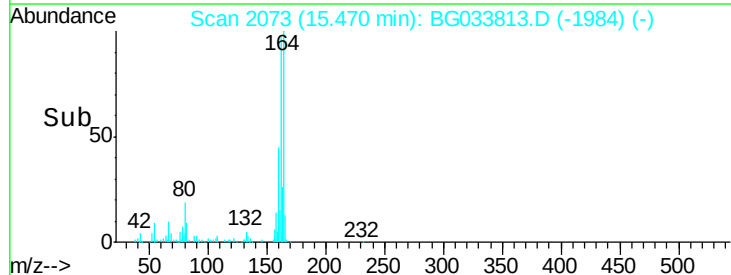
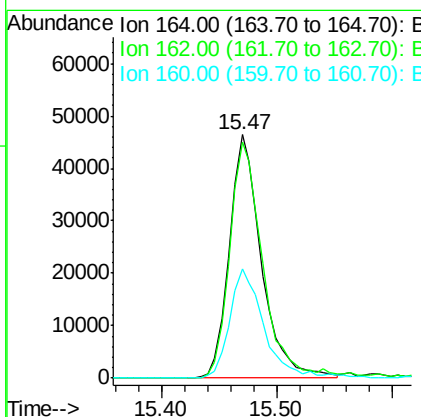
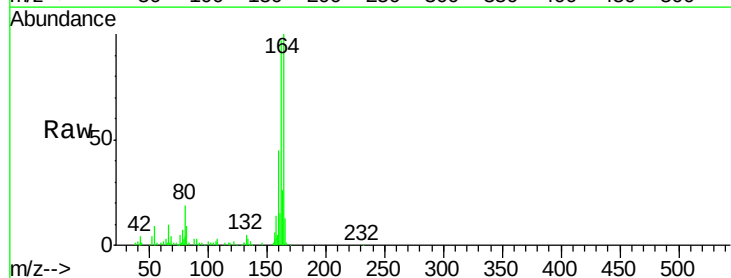
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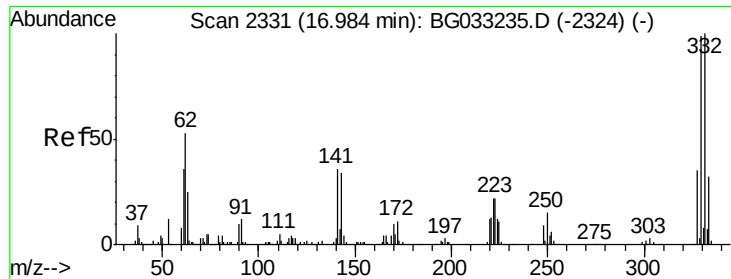
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	78.8	118.2
160	45.0	35.4	53.0





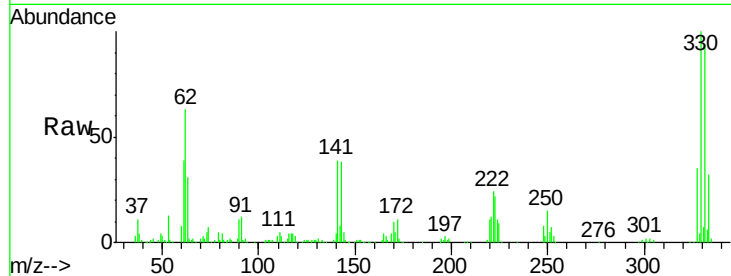
#41
 2,4,6-Tribromophenol
 Concen: 161.189 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

Instrument :
 BNA_G
 ClientSampled :
 RBR2520258

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214860		
332	94.3	77.0	115.6	
141	38.3	25.2	37.8	

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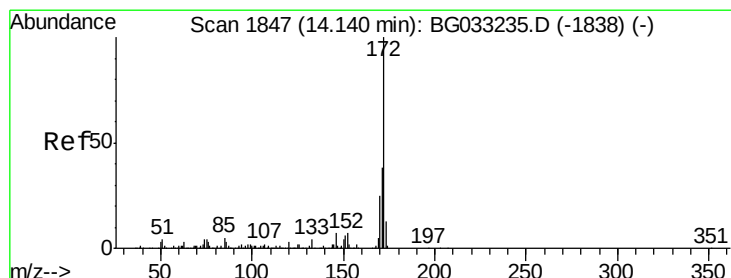
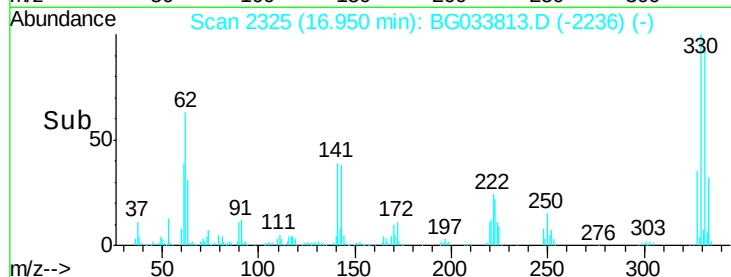
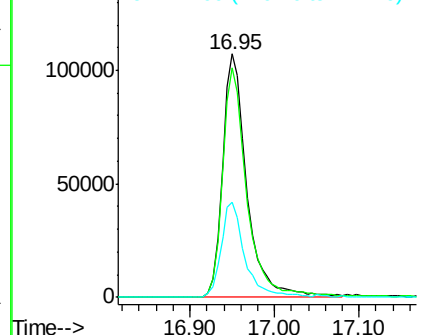


Abundance

Ion 329.80 (329.50 to 330.50): E

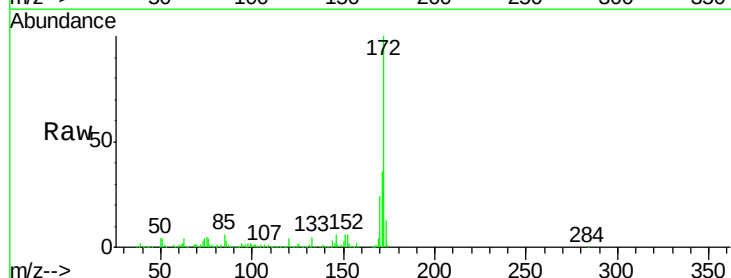
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.104 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	593312		
171	35.5	30.0	45.0	
170	23.8	19.5	29.3	

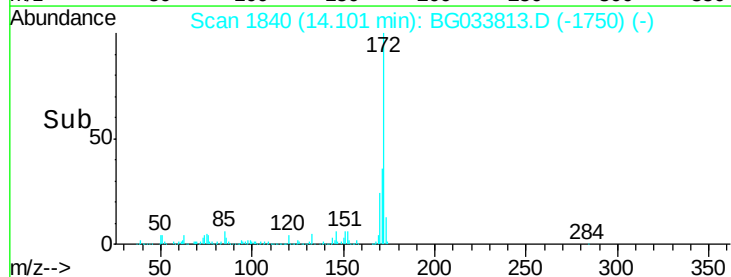
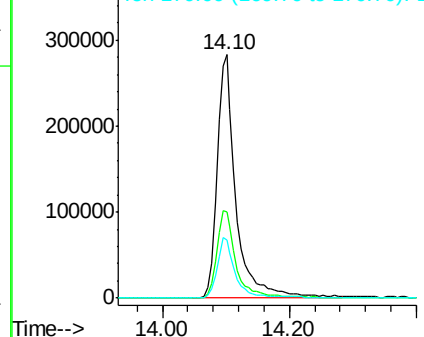


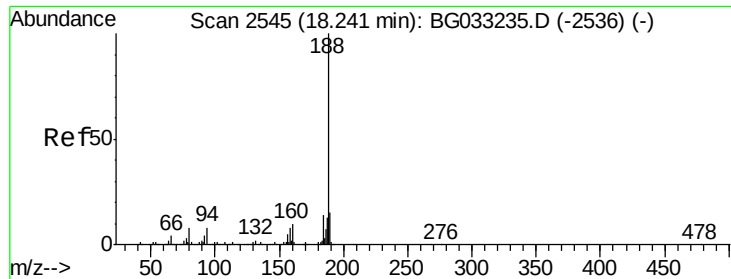
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





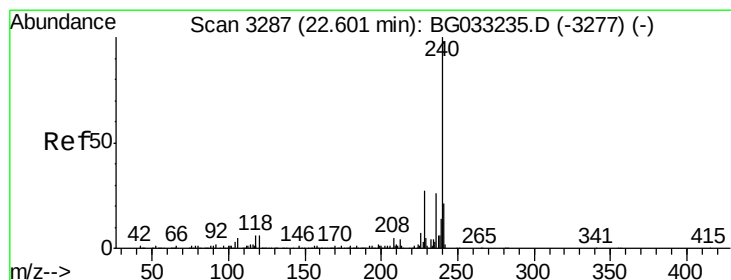
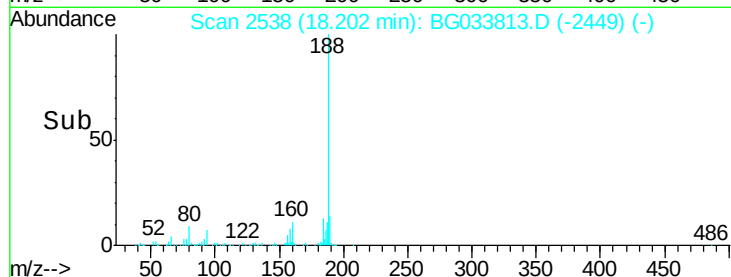
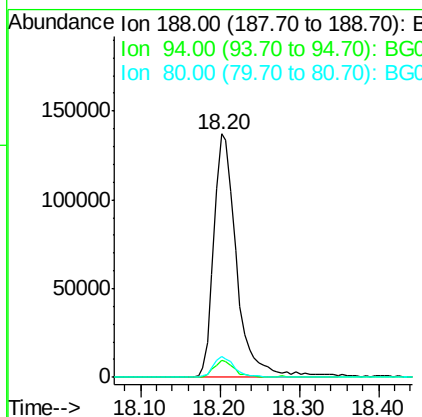
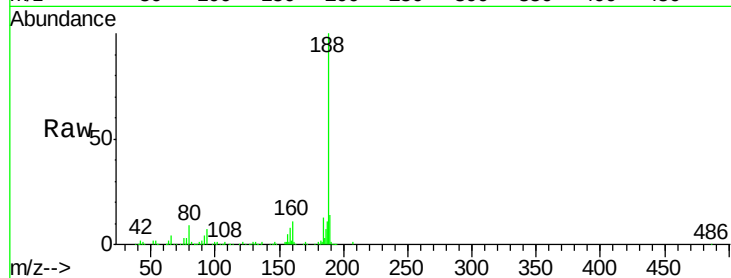
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Instrument :
BNA_G
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Resp	Lower	Upper
188	100	275560		
94	7.0		6.9	10.3
80	8.6		7.7	11.5

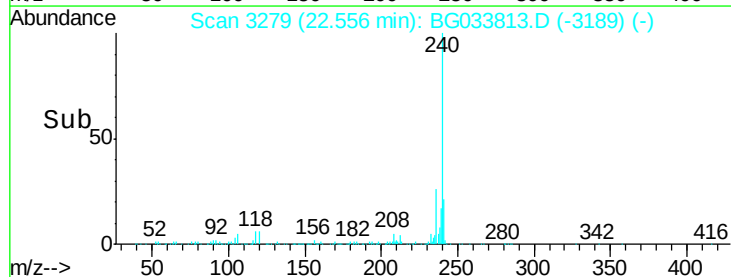
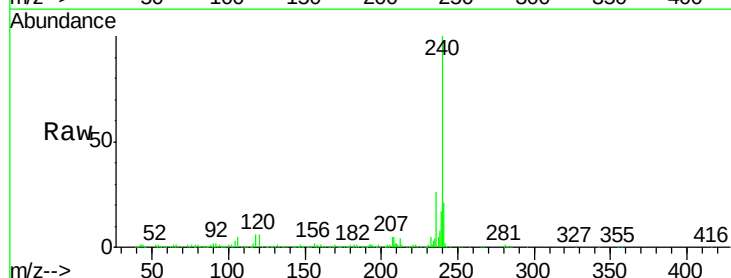
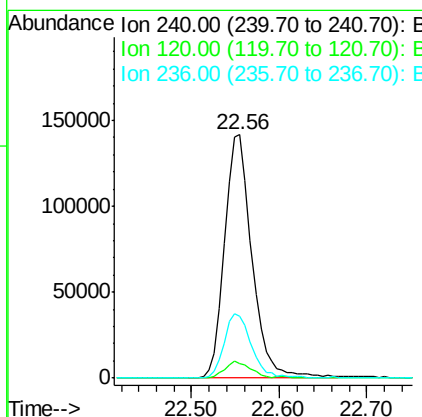
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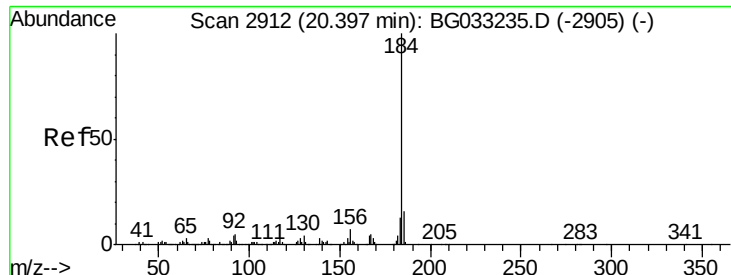
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	304896		
120	6.0		6.8	10.2#
236	25.5		20.9	31.3





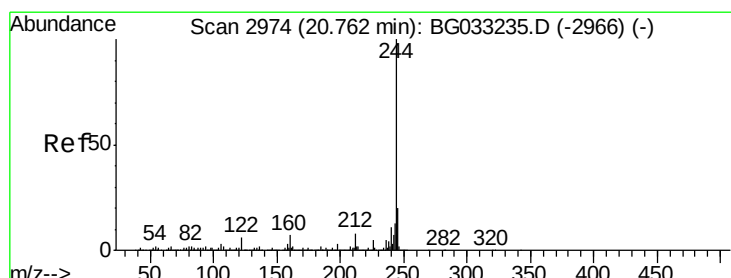
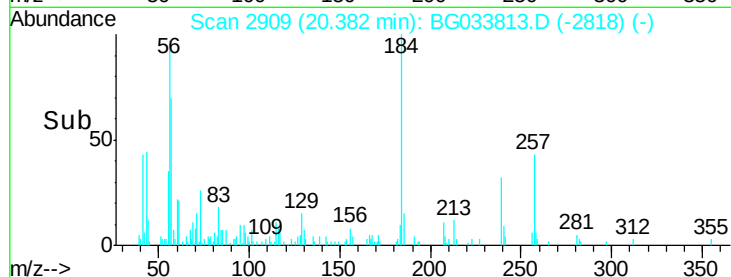
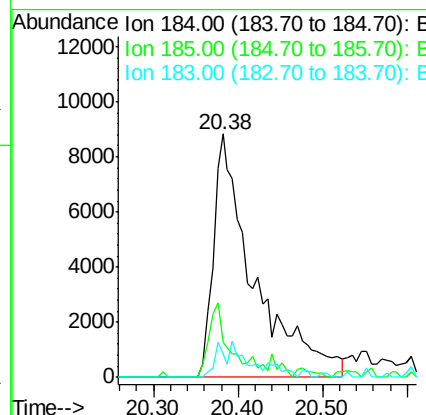
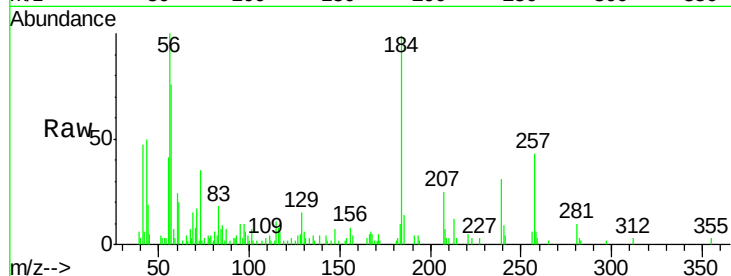
#76
Benzidine
Concen: 3.559 ng
RT: 20.38 min Scan# 2909
Delta R.T. 0.01 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Instrument :
BNA_G
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	9.7	10.6	16.0

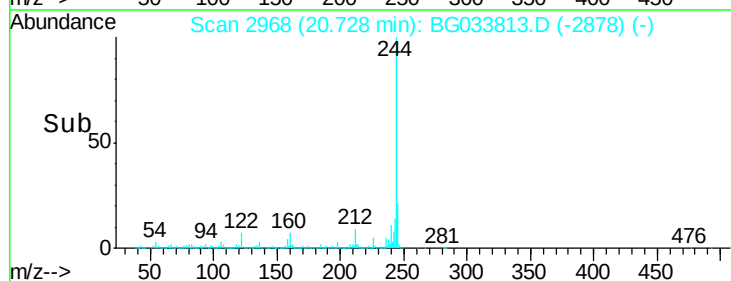
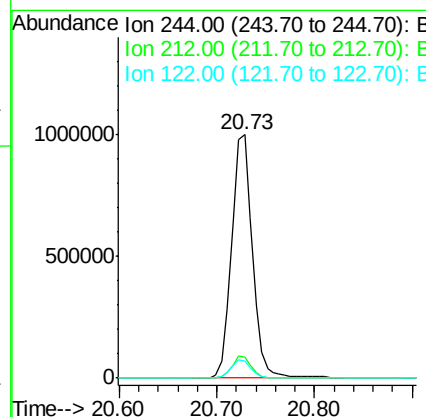
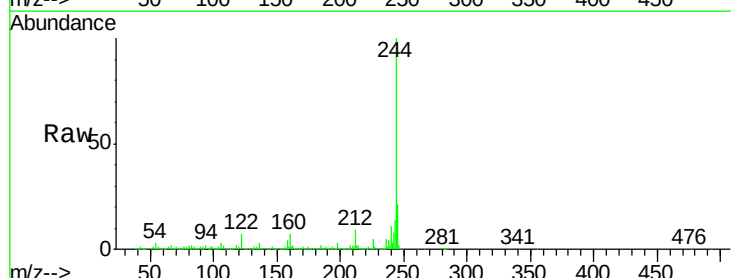
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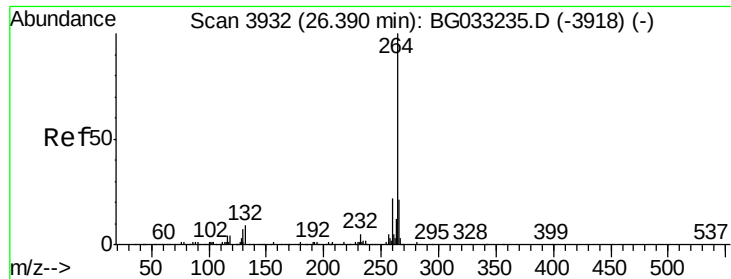
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#78
Terphenyl-d14
Concen: 103.842 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033813.D
Acq: 16 Apr 2018 13:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.1	7.0	10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033813.D
 Acq: 16 Apr 2018 13:04

Instrument :
 BNA_G
 ClientSampleId :
 RBR2520258

Tot Ion:	264	Resp:	317983
Ion Ratio	Lower	Upper	
264	100		
260	22.6	17.4	26.0
265	23.2	17.7	26.5

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