

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033705.D
 Acq On : 10 Apr 2018 7:40
 Operator : SJ/JU
 Sample : PB108088BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BL

Manual Integrations
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Sohil
 4/10/2018 3:36:58 PM

Quant Time: Apr 10 11:09:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37762	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	159450	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	114553	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326327	20.00	ng	0.00
75) Chrysene-d12	22.55	240	343435	20.00	ng	-0.01
86) Perylene-d12	26.31	264	364691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	390990m	194.15	ng	0.00
7) Phenol-d6	7.97	99	585329	169.16	ng	0.00
23) Nitrobenzene-d5	10.06	82	358740	103.37	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	252563	147.42	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	849182	107.02	ng	0.00
78) Terphenyl-d14	20.73	244	1642900	102.31	ng	0.00

Target Compounds Qvalue

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

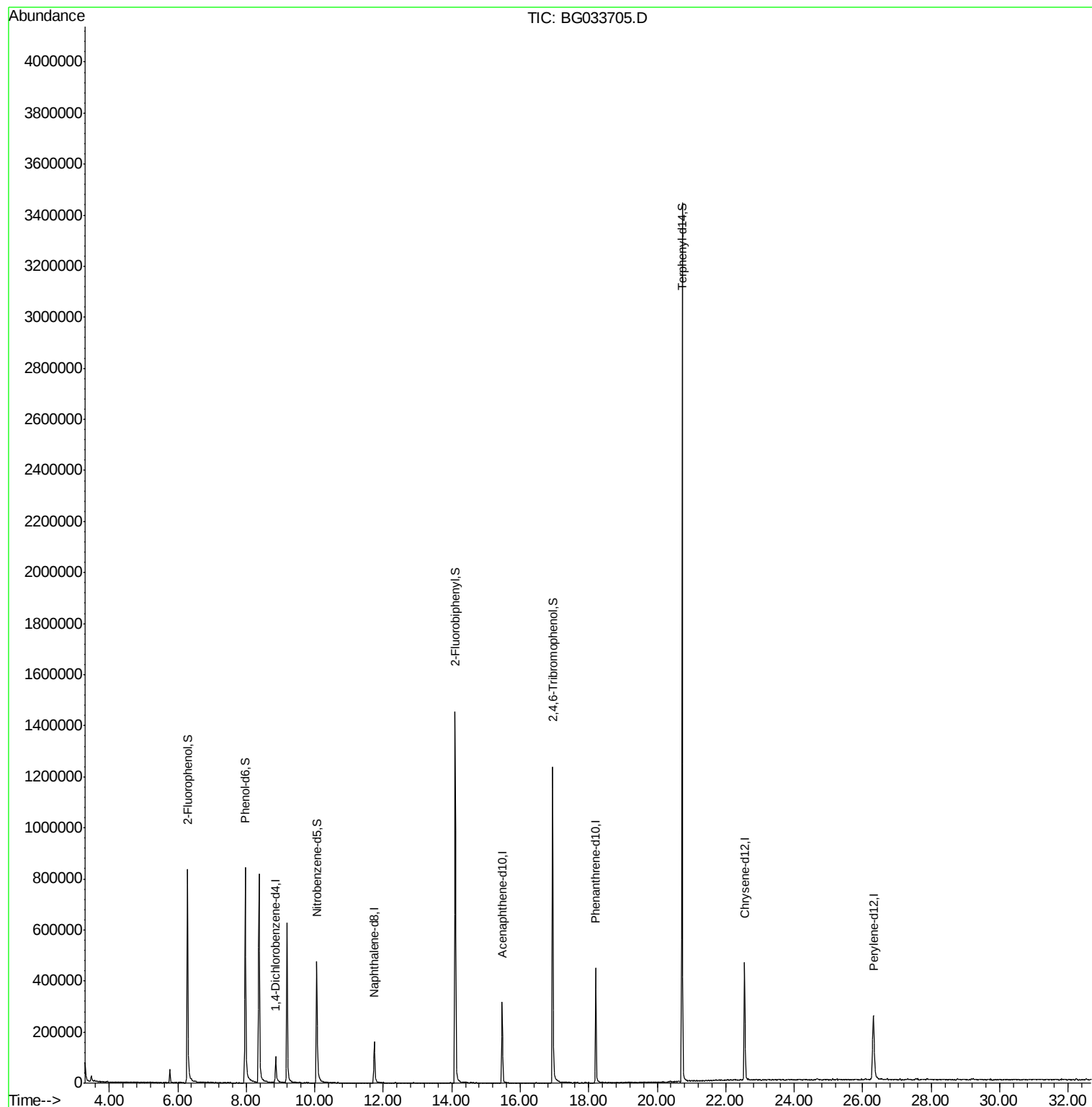
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
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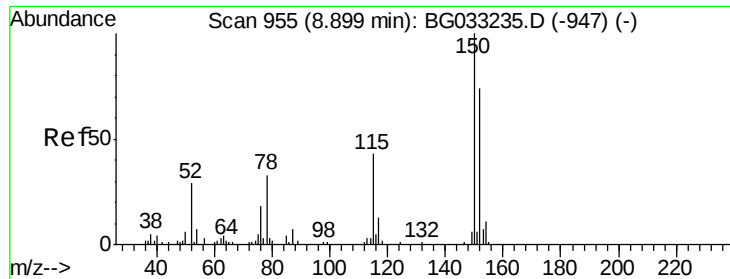
Instrument :
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#1

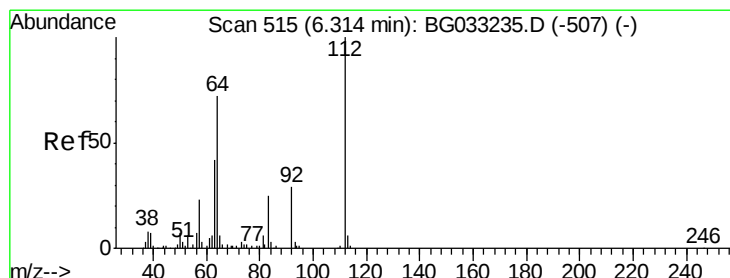
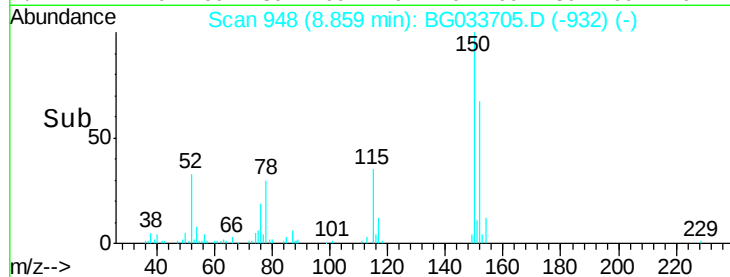
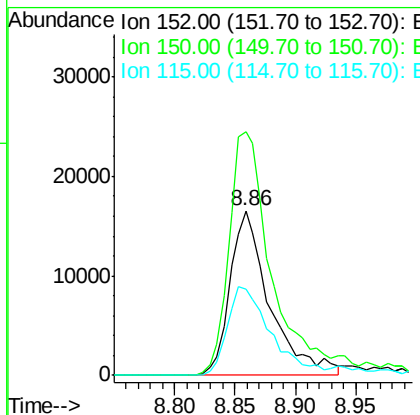
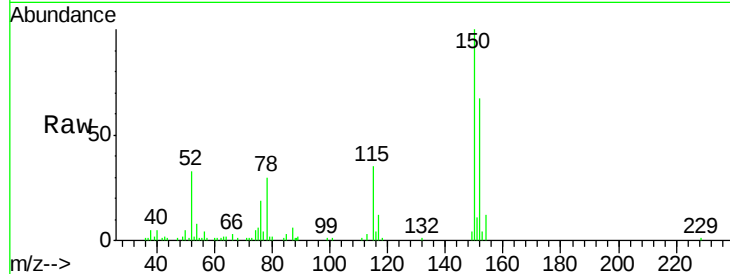
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033705.D
Acq: 10 Apr 2018 7:40

Instrument :
BNA_G
ClientSampleId :
PB108088BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	52.4	53.0	79.4

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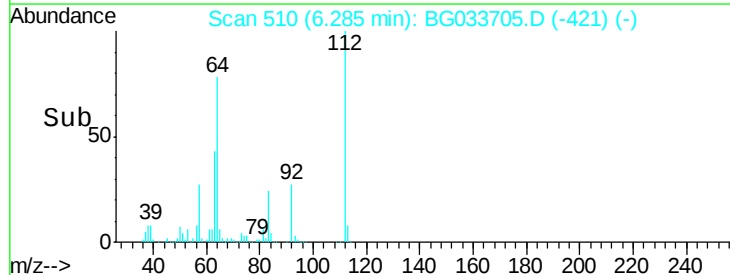
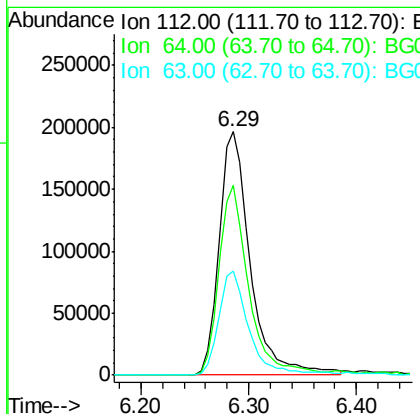
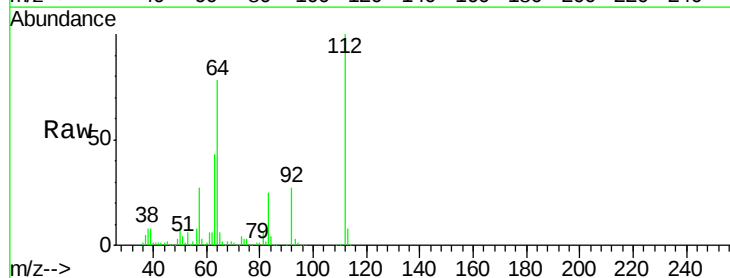
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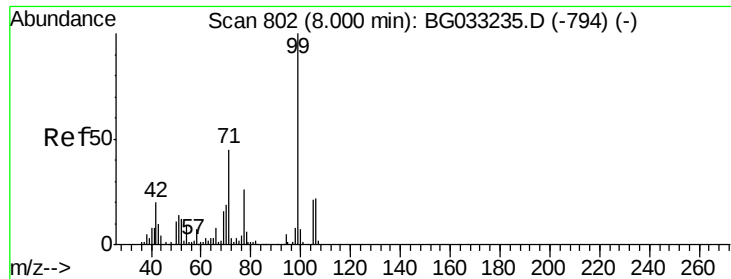


#5

2-Fluorophenol
Concen: 194.151 ng m
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033705.D
Acq: 10 Apr 2018 7:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.0	56.3	84.5
63	42.9	30.1	45.1





#7

Phenol-d6

Concen: 169.161 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033705.D

Acq: 10 Apr 2018 7:40

Instrument :

BNA_G

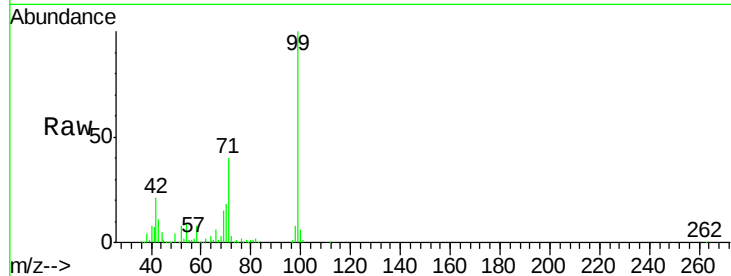
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PB108088BL

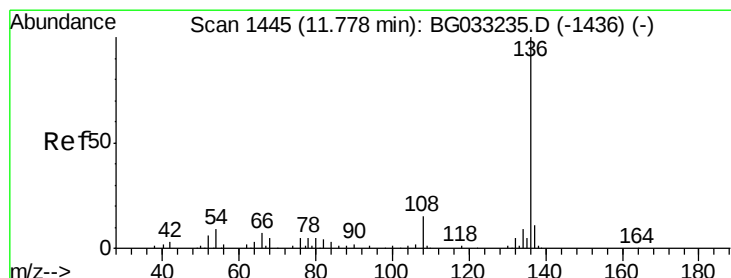
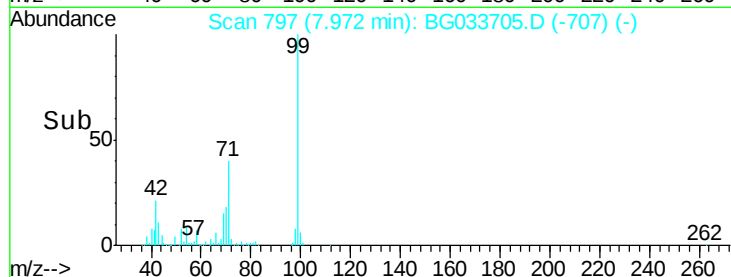
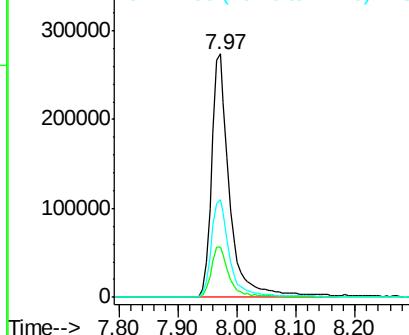
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		585329		
42	20.8	14.1	21.1		
71	40.2	26.1	39.1#		

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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: 11.74 min Scan# 1438

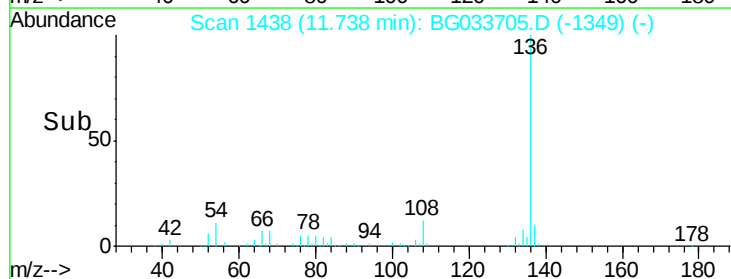
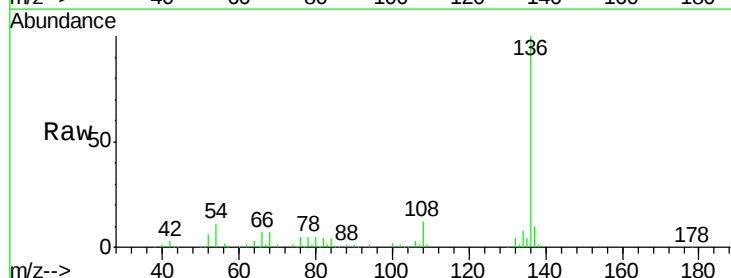
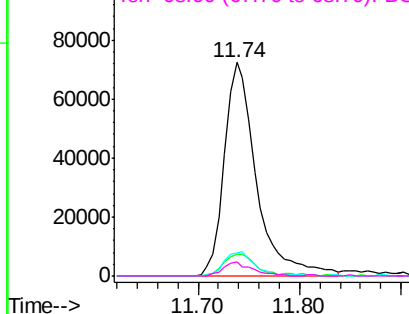
Delta R.T. -0.00 min

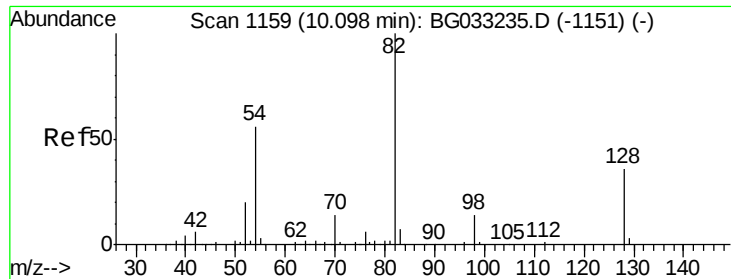
Lab File: BG033705.D

Acq: 10 Apr 2018 7:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		159450		
137	10.2	9.2	13.8		
54	10.9	10.3	15.5		
68	6.5	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





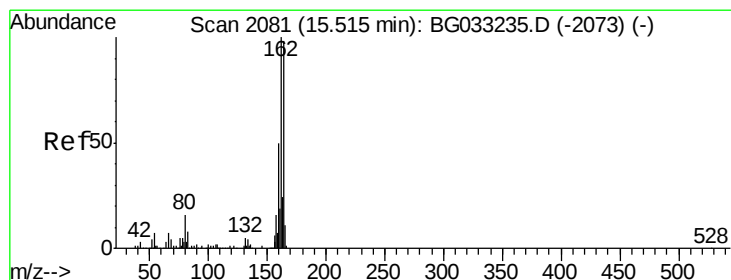
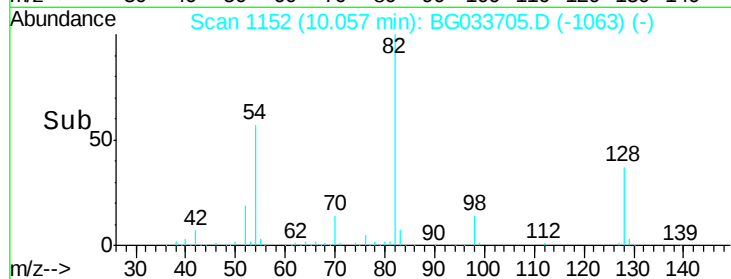
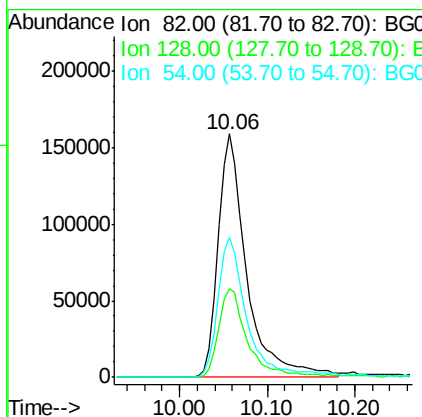
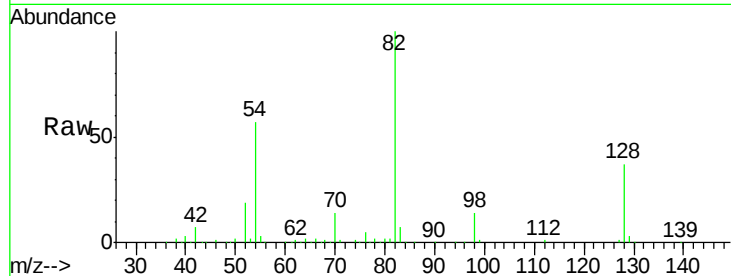
#23
Nitrobenzene-d5
Concen: 103.368 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033705.D
Acq: 10 Apr 2018 7:40

Instrument :
BNA_G
ClientSampleId :
PB108088BL

Tot Ion	82	Resp	358740
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.7	44.5
54	57.3	43.1	64.7

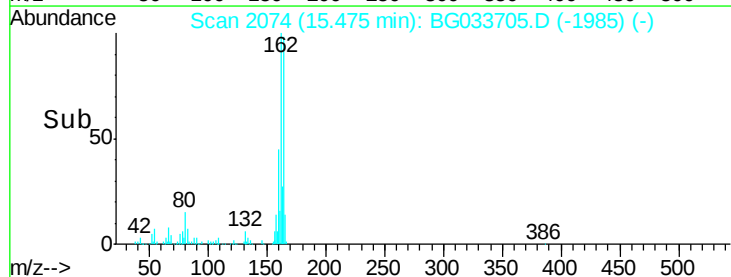
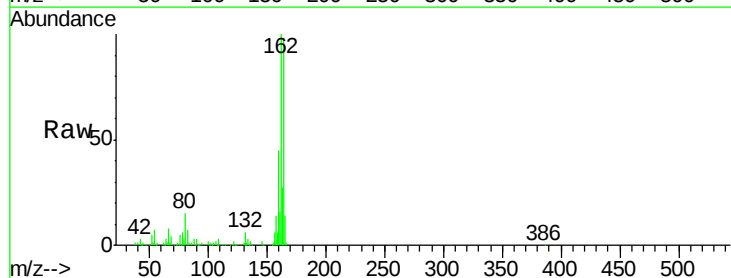
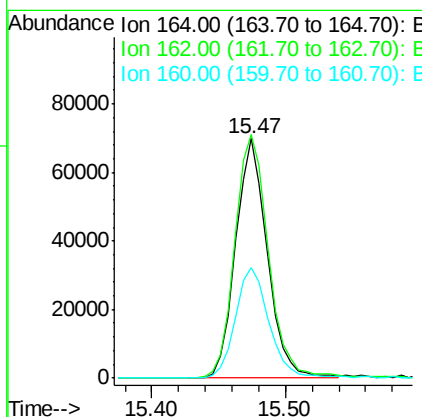
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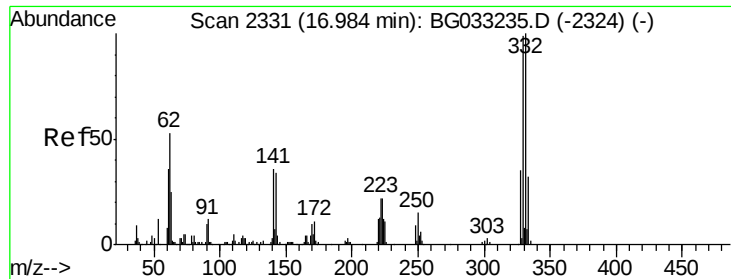
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033705.D
Acq: 10 Apr 2018 7:40

Tgt Ion	164	Resp	114553
Ion Ratio	Lower	Upper	
164	100		
162	101.6	78.8	118.2
160	45.9	35.4	53.0





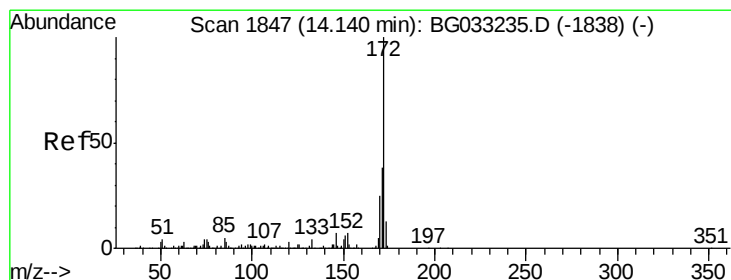
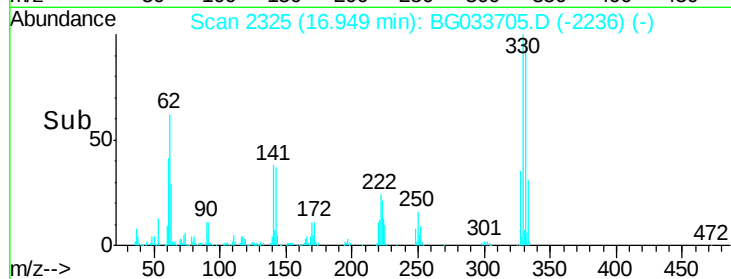
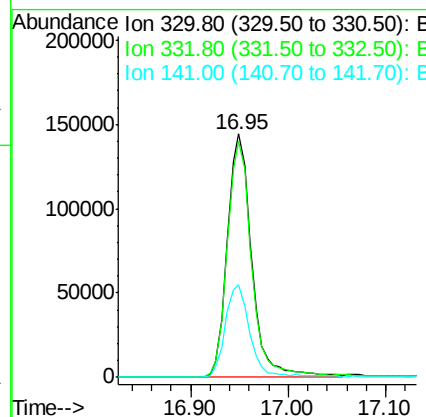
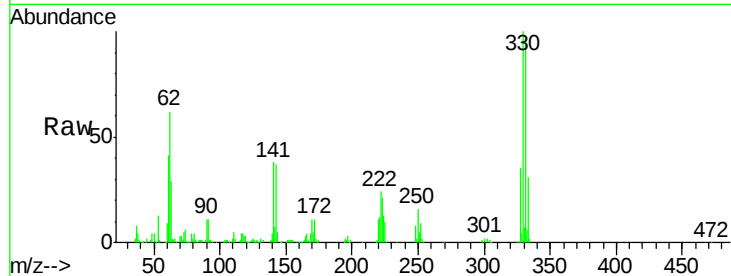
#41
 2,4,6-Tribromophenol
 Concen: 147.415 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033705.D
 Acq: 10 Apr 2018 7:40

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	37.8	25.2	37.8	

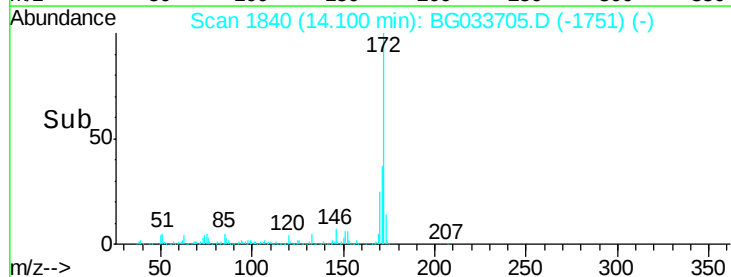
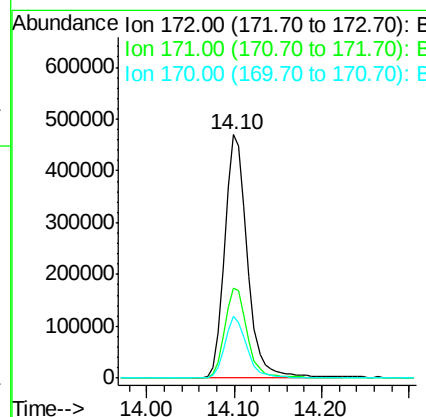
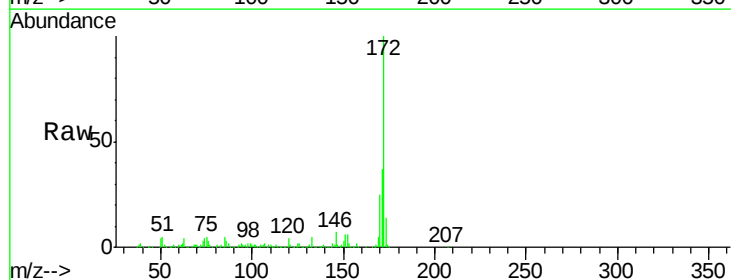
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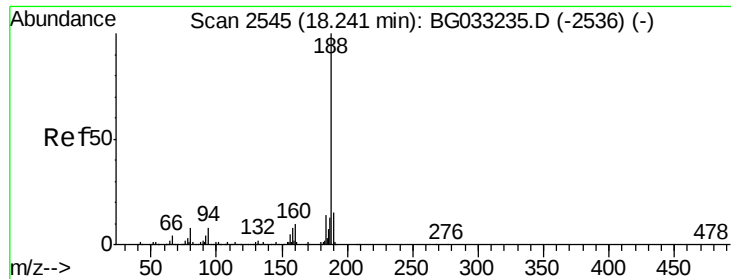
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#44
 2-Fluorobiphenyl
 Concen: 107.017 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033705.D
 Acq: 10 Apr 2018 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	30.0	45.0	
170	25.2	19.5	29.3	





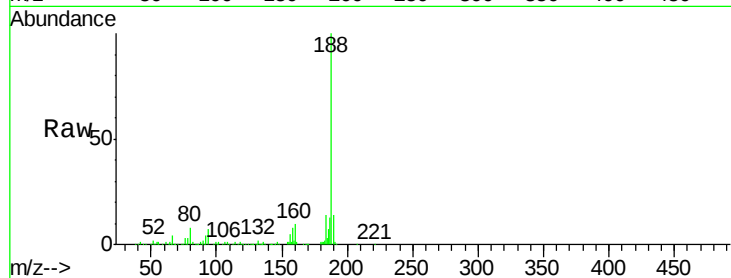
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033705.D
Acq: 10 Apr 2018 7:40

Instrument :
BNA_G
ClientSampleId :
PB108088BL

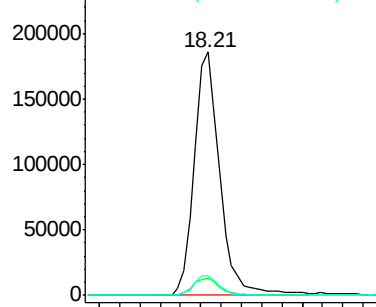
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.9	7.7	11.5

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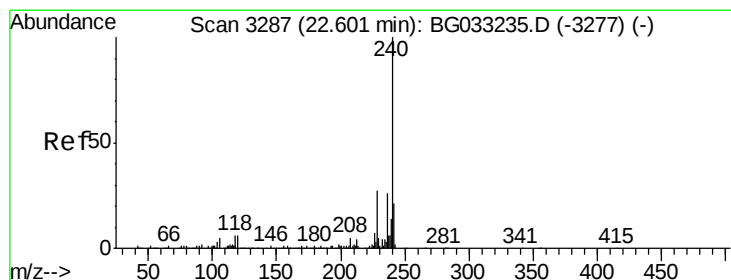
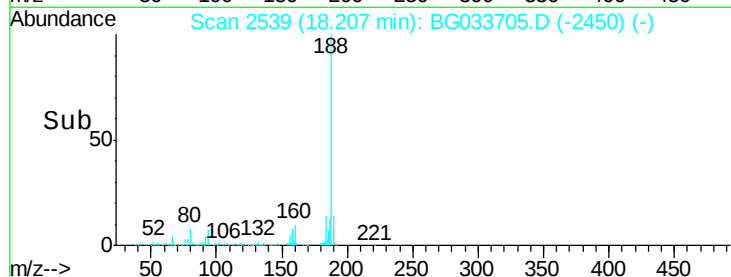
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



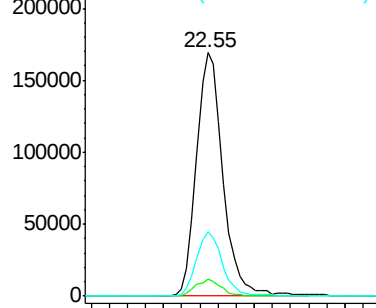
Time--> 18.10 18.20 18.30



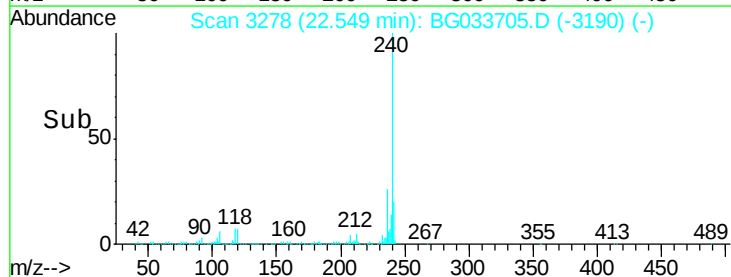
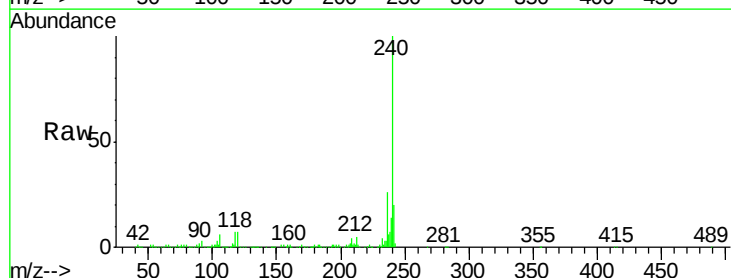
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033705.D
Acq: 10 Apr 2018 7:40

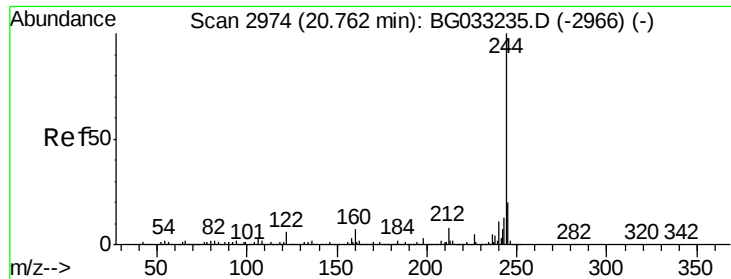
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.8	6.8	10.2
236	26.2	20.9	31.3

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



Time--> 22.50 22.60 22.70





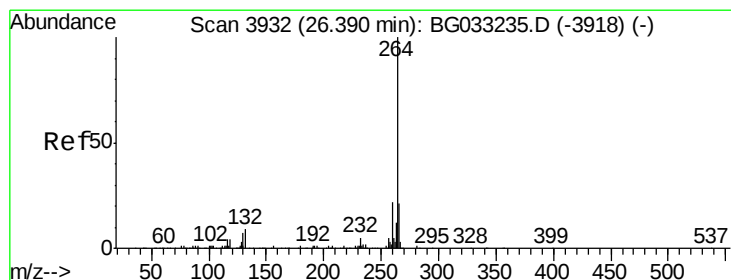
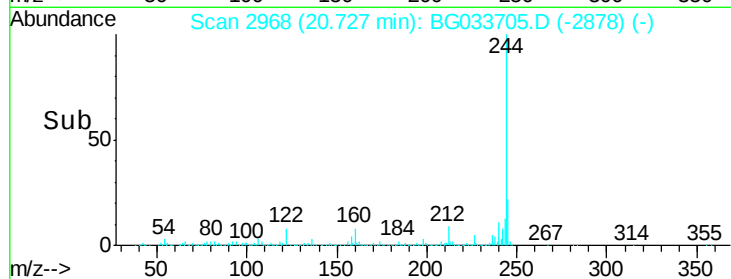
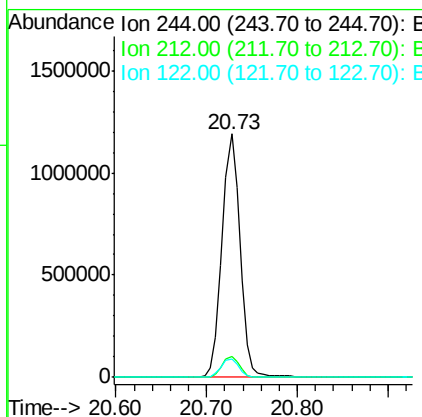
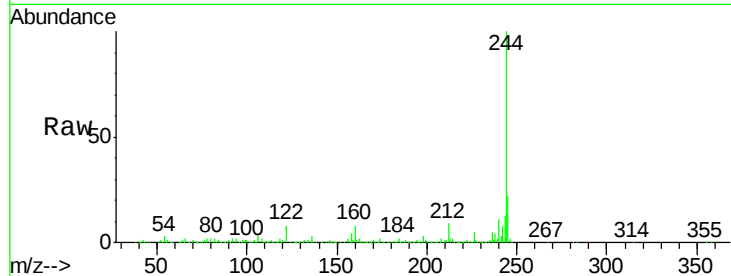
#78
 Terphenyl-d14
 Concen: 102.305 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033705.D
 Acq: 10 Apr 2018 7:40

Instrument :
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Tot Ion:244 Resp: 1642900
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 7.6 7.0 10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033705.D
 Acq: 10 Apr 2018 7:40

Tgt Ion:264 Resp: 364691
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.2 17.7 26.5

