

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033815.D
 Acq On : 16 Apr 2018 14:19
 Operator : SJ/JU
 Sample : J2364-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-B

Manual Integrations
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Quant Time: Apr 16 15:09:48 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	23501	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	109002m	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	83029	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	243463	20.00	ng	0.00
75) Chrysene-d12	22.55	240	275968	20.00	ng	0.00
86) Perylene-d12	26.31	264	295874	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	224719	179.30	ng	0.00
7) Phenol-d6	7.99	99	328228m	152.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	254635	107.33	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	221283	178.20	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	637123	110.78	ng	0.00
78) Terphenyl-d14	20.73	244	1523508	118.06	ng	0.00

Target Compounds Qvalue

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

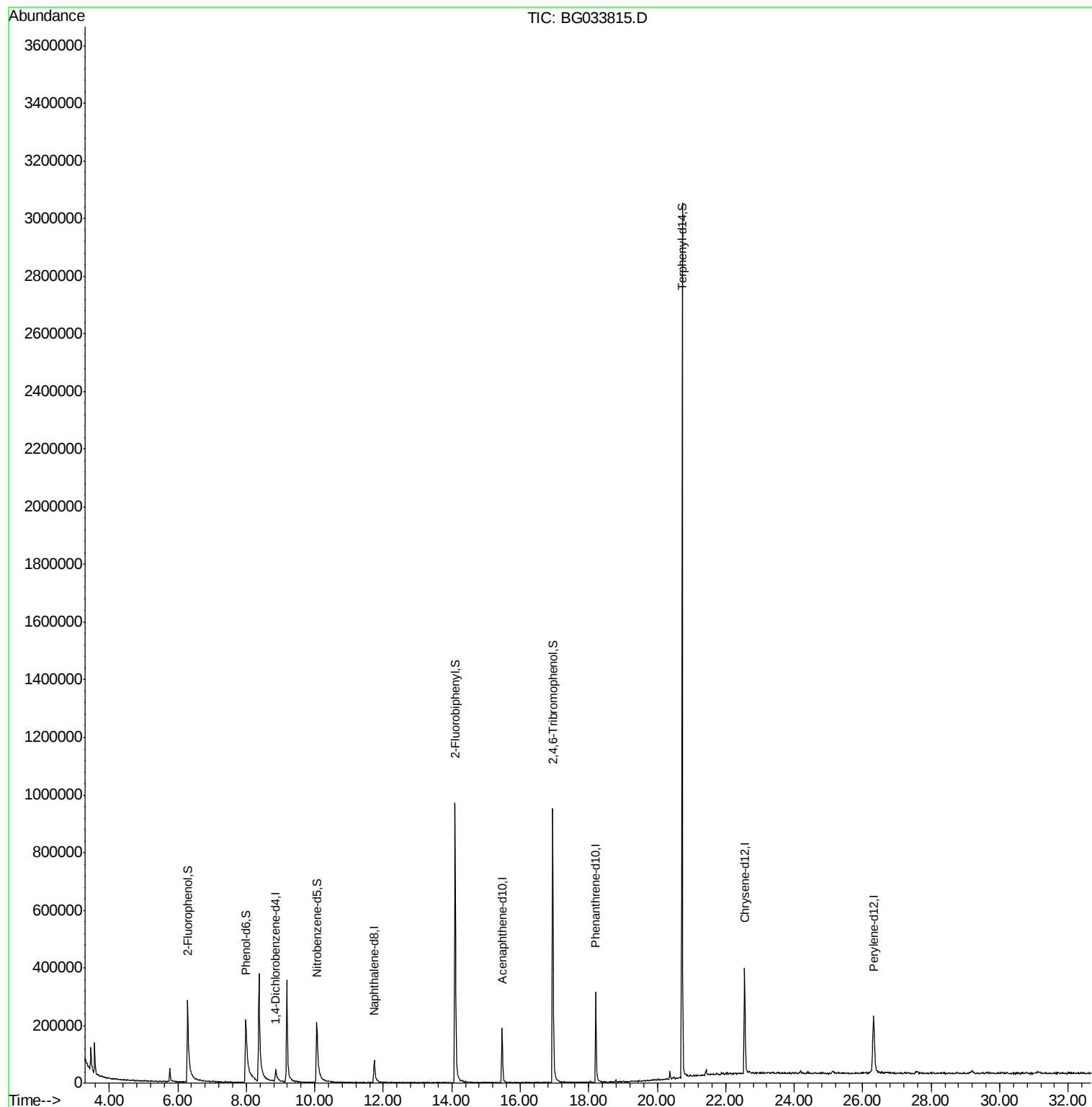
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
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ALS Vial : 8 Sample Multiplier: 1

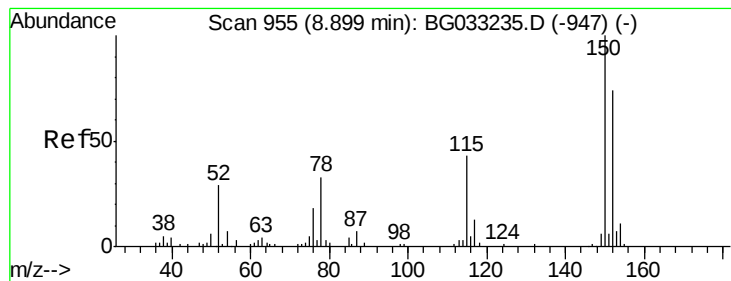
Instrument :
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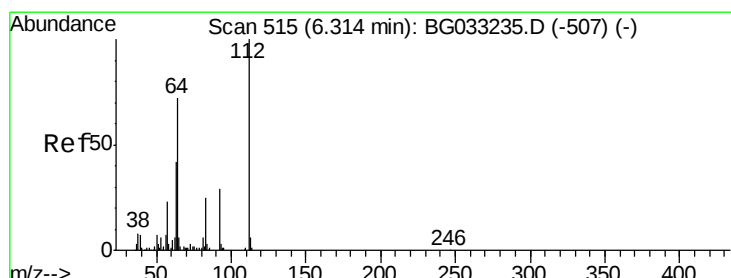
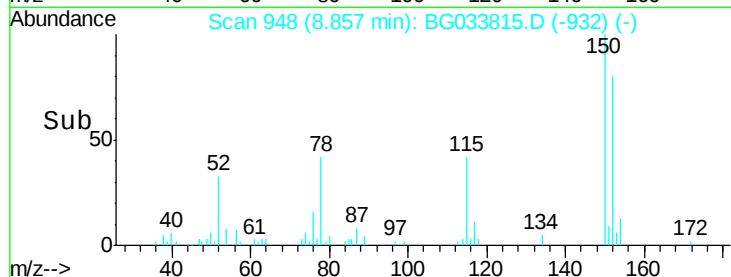
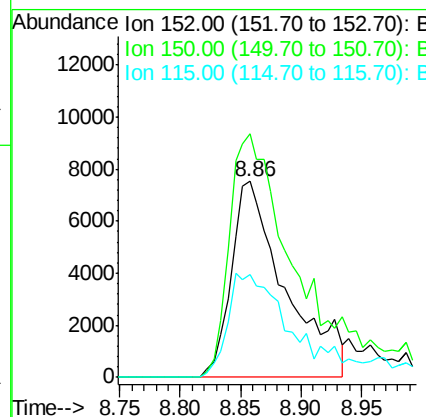
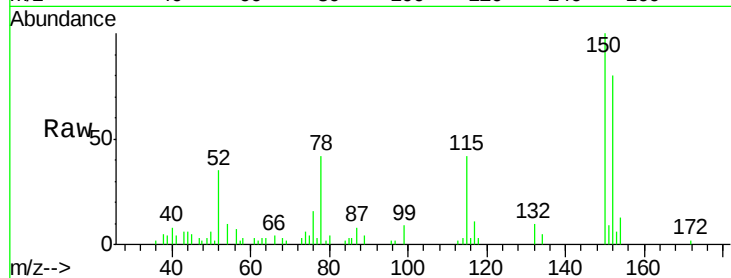
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Instrument :
 BNA_G
 ClientSampled :
 SP-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	124.3	126.6	189.8#
115	52.7	53.0	79.4#

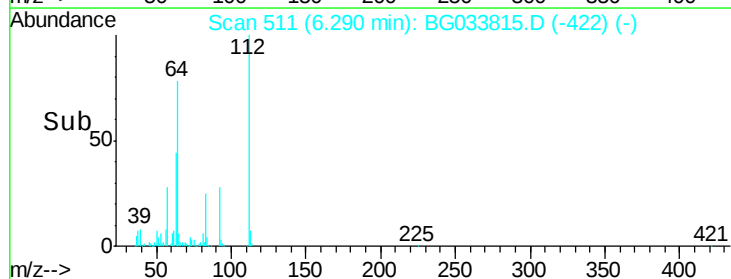
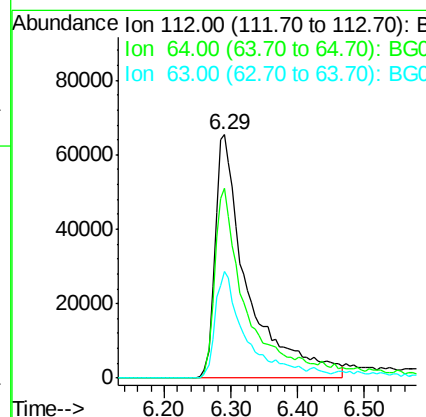
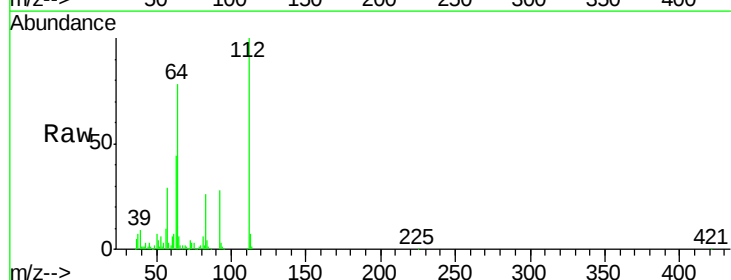
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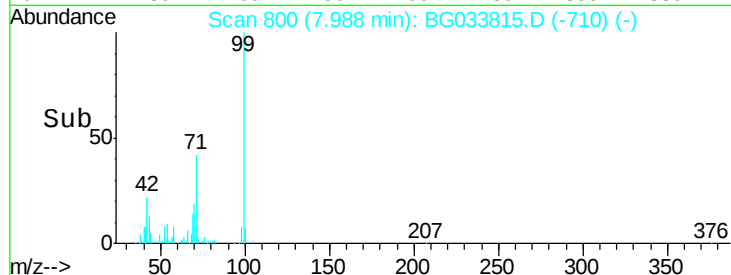
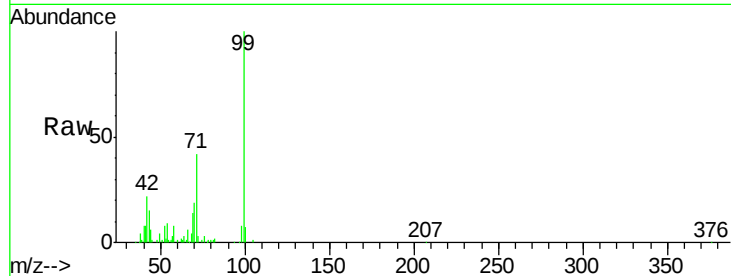
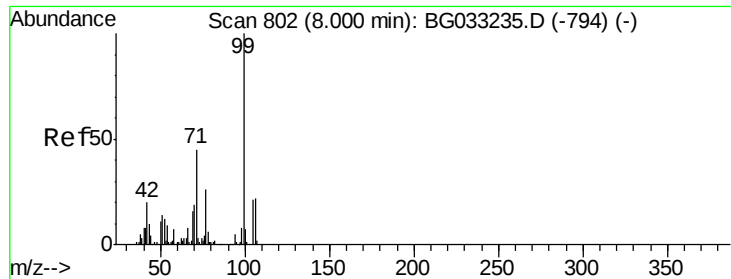
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#5
 2-Fluorophenol
 Concen: 179.301 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.9	56.3	84.5
63	43.9	30.1	45.1





#7

Phenol-d6

Concen: 152.420 ng m

RT: 7.99 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG033815.D

Acq: 16 Apr 2018 14:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		328228		
42	21.8	14.1	21.1#		
71	42.1	26.1	39.1#		

Instrument :

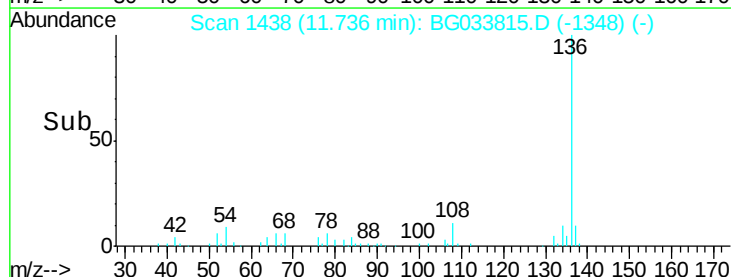
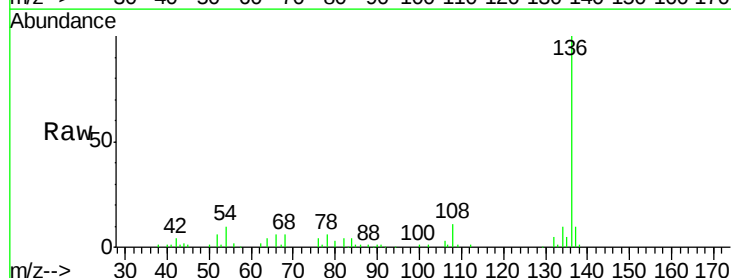
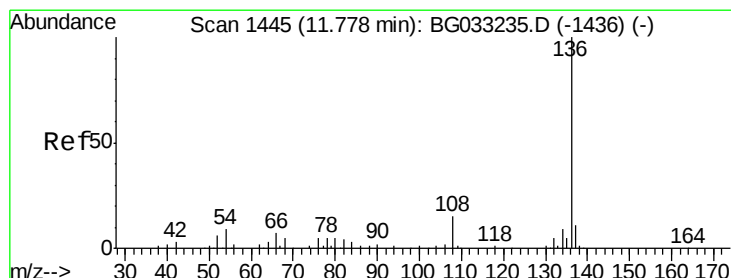
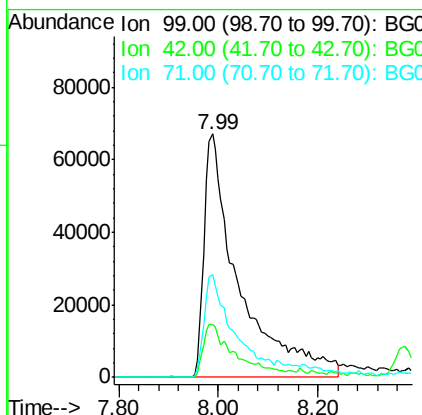
BNA_G

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng m

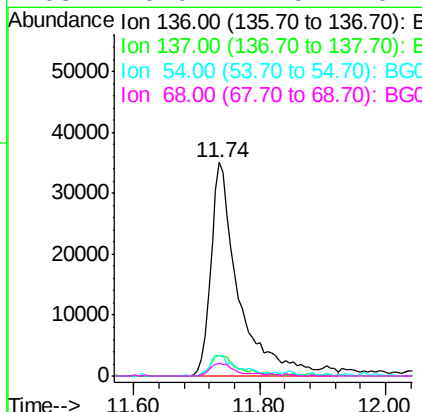
RT: 11.74 min Scan# 1438

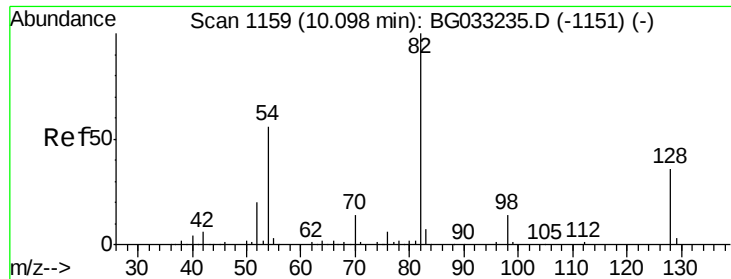
Delta R.T. -0.00 min

Lab File: BG033815.D

Acq: 16 Apr 2018 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		109002		
137	9.9	9.2	13.8		
54	9.6	10.3	15.5#		
68	6.0	4.5	6.7		





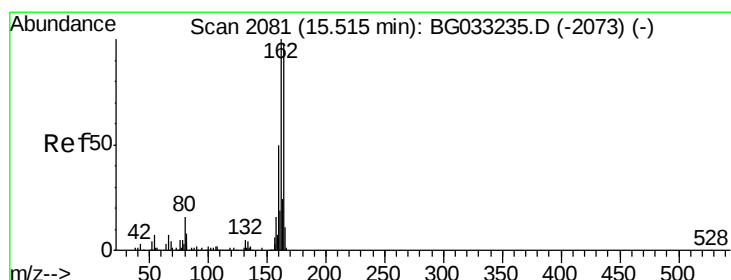
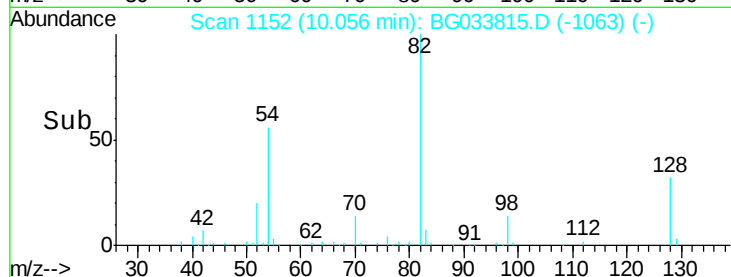
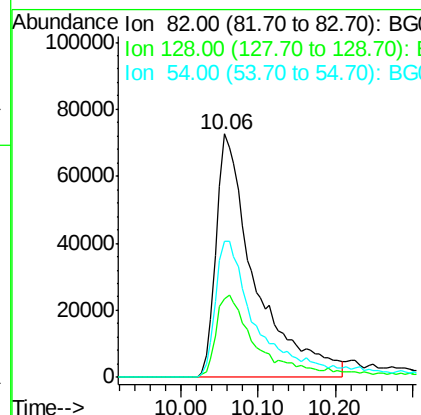
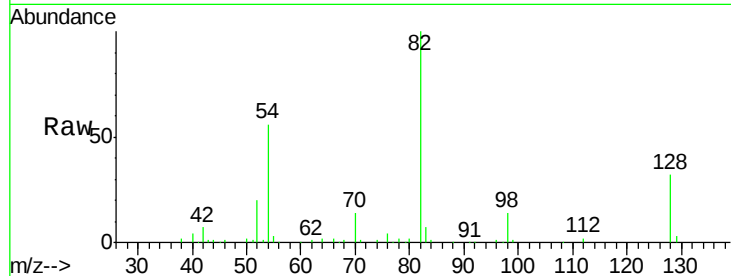
#23
 Nitrobenzene-d5
 Concen: 107.328 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Instrument :
 BNA_G
 ClientSampled :
 SP-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.1	29.7	44.5
54	56.1	43.1	64.7

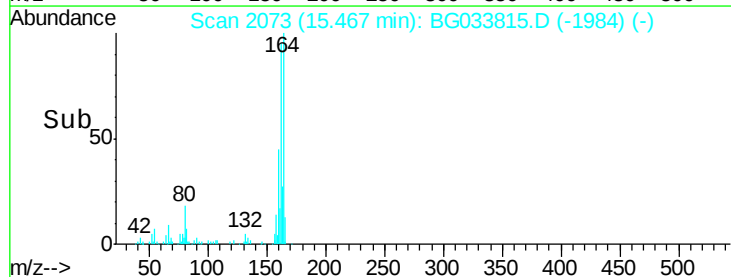
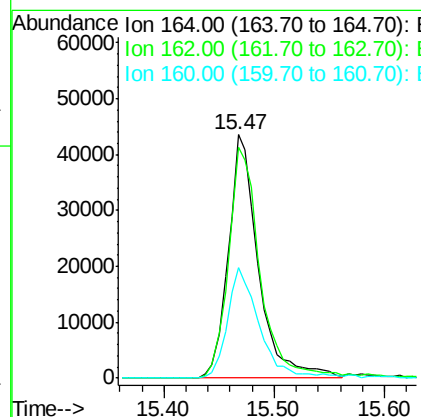
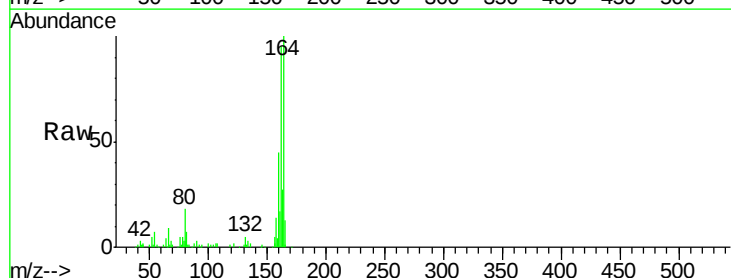
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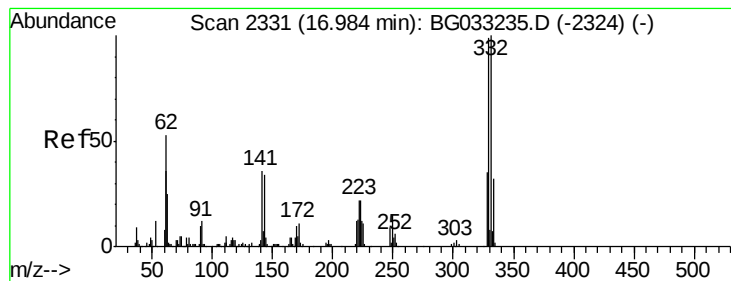
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	78.8	118.2
160	45.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 178.196 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033815.D

Acq: 16 Apr 2018 14:19

Instrument :

BNA_G

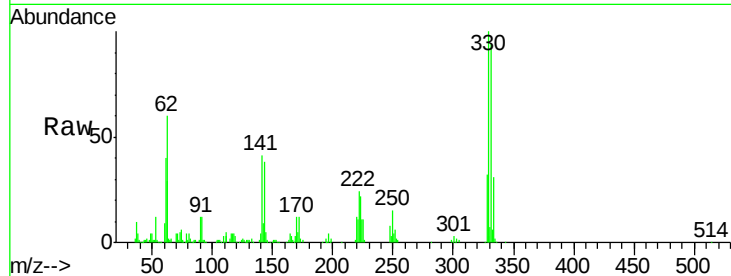
ClientSampled :

SP-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221283		
332	96.5	77.0	115.6	
141	39.0	25.2	37.8	

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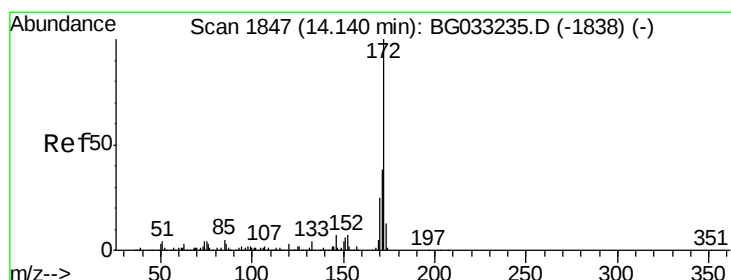
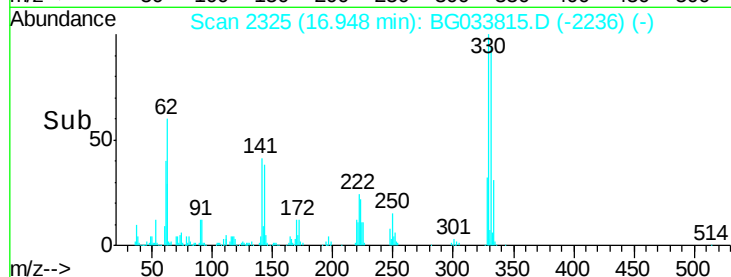
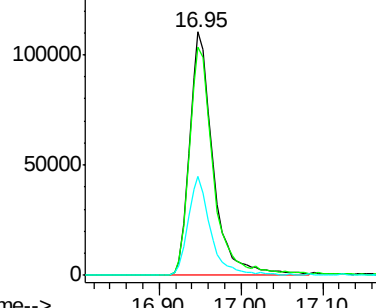


Abundance

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: 110.777 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG033815.D

Acq: 16 Apr 2018 14:19

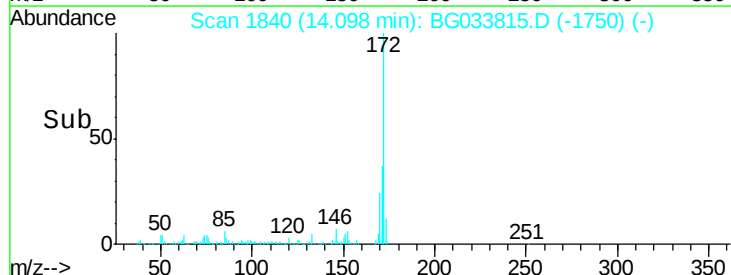
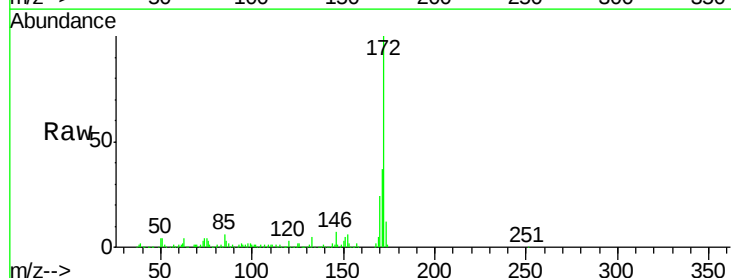
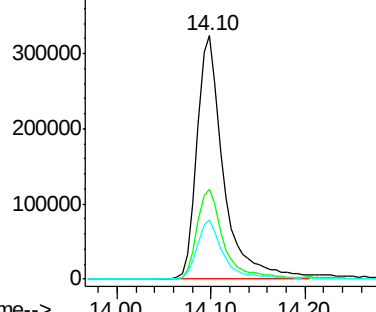
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	637123		
171	37.0	30.0	45.0	
170	24.1	19.5	29.3	

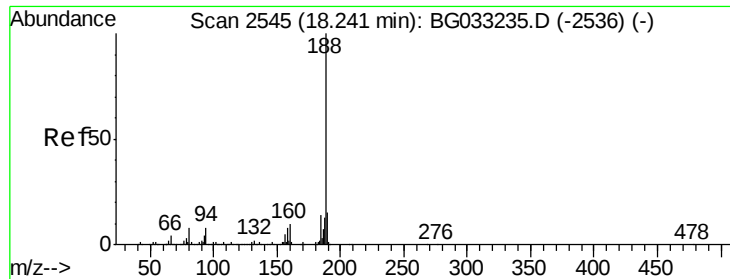
Abundance

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: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033815.D

Acq: 16 Apr 2018 14:19

Instrument :

BNA_G

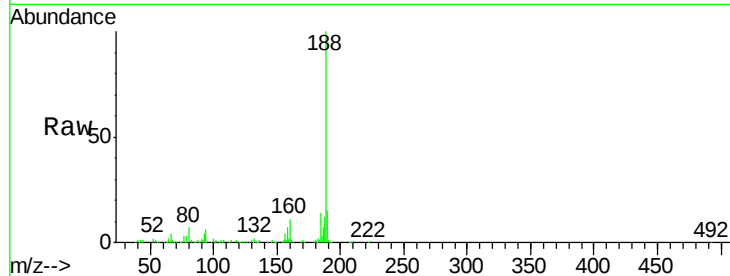
ClientSampleId :

SP-B

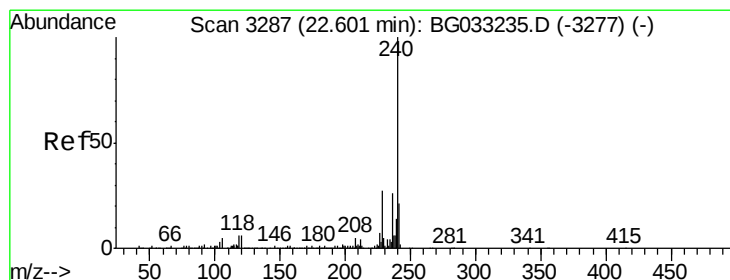
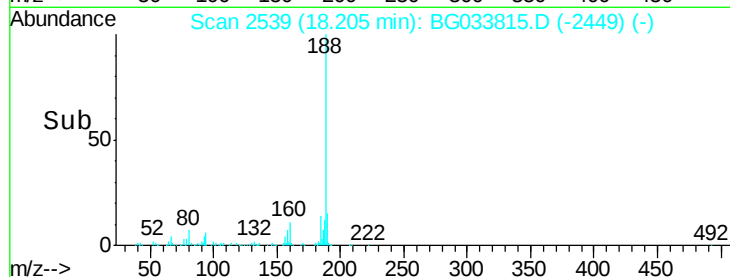
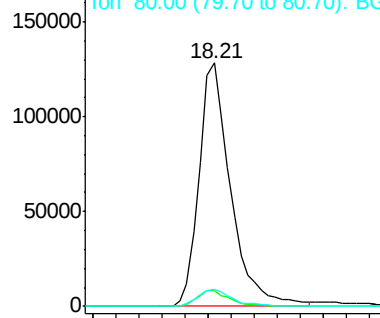
Tot Ion:	188	Resp:	243463
Ion Ratio	Lower	Upper	
188	100		
94	6.4	6.9	10.3#
80	6.9	7.7	11.5#

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Abundance Ion 188.00 (187.70 to 188.70): E



#75

Chrysene-d12

Concen: 20.000 ng

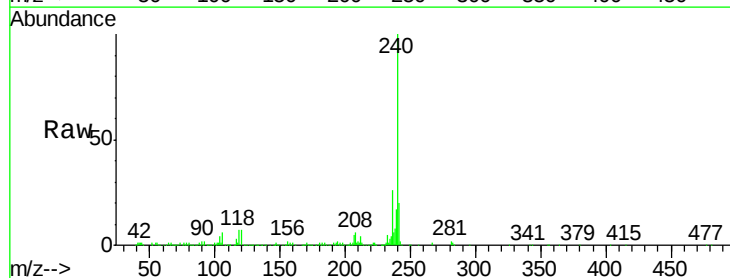
RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

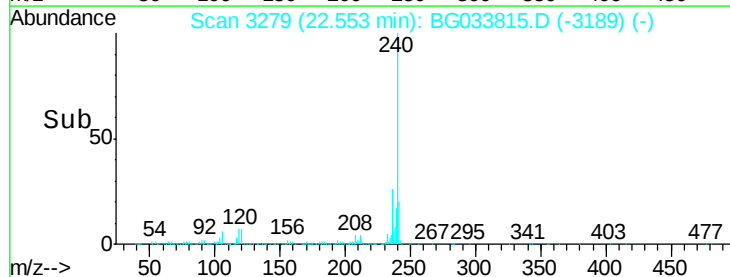
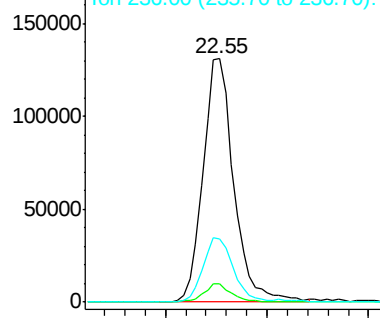
Lab File: BG033815.D

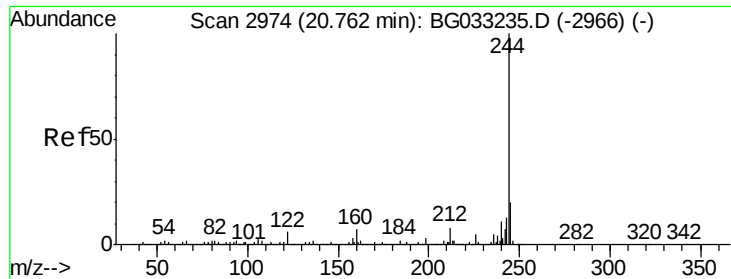
Acq: 16 Apr 2018 14:19

Tgt Ion:	240	Resp:	275968
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.8	10.2
236	26.0	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E





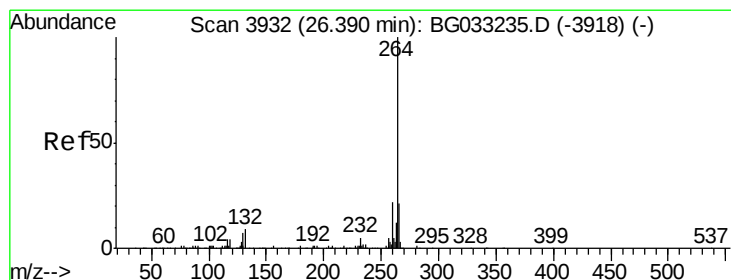
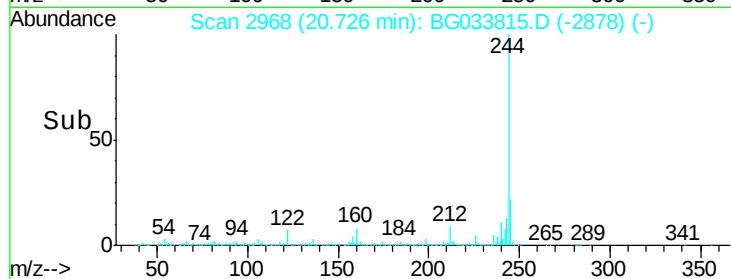
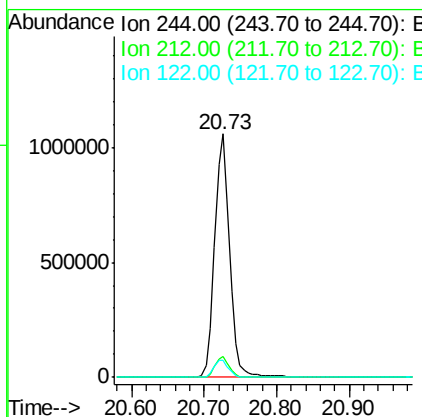
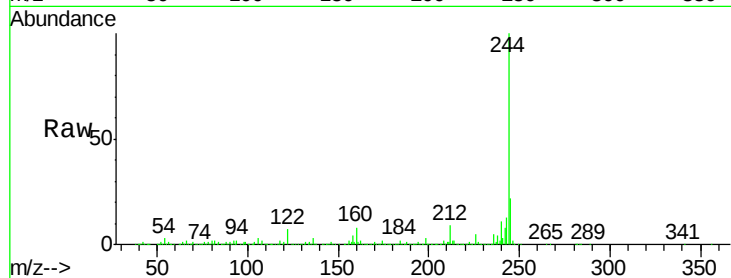
#78
 Terphenyl-d14
 Concen: 118.064 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :
 SP-B

Tot Ion:244 Resp: 1523508
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 7.2 7.0 10.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion:264 Resp: 295874
 Ion Ratio Lower Upper
 264 100
 260 19.6 17.4 26.0
 265 21.0 17.7 26.5

