

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031218.D
 Acq On : 23 Nov 2017 10:05
 Operator : SJ/JU
 Sample : I6536-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Manual Integrations
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Quant Time: Nov 24 00:26:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	60367	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	253278	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	171053	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	448481	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	590774	20.00	ng	-0.02
86) Perylene-d12	25.06	264	582874	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	245181	69.65	ng	-0.01
7) Phenol-d6	7.30	99	187023	39.43	ng	0.00
23) Nitrobenzene-d5	9.31	82	401430	93.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	314115	113.52	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1173678	98.59	ng	-0.02
78) Terphenyl-d14	20.09	244	2234593	83.52	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	8.91	107	15340	3.145	ng	85
27) 2,4-Dimethylphenol	10.15	122	86364	25.561	ng	93
31) Naphthalene	11.00	128	723850	58.136	ng	97
37) 2-Methylnaphthalene	12.59	142	467160	48.603	ng	94

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

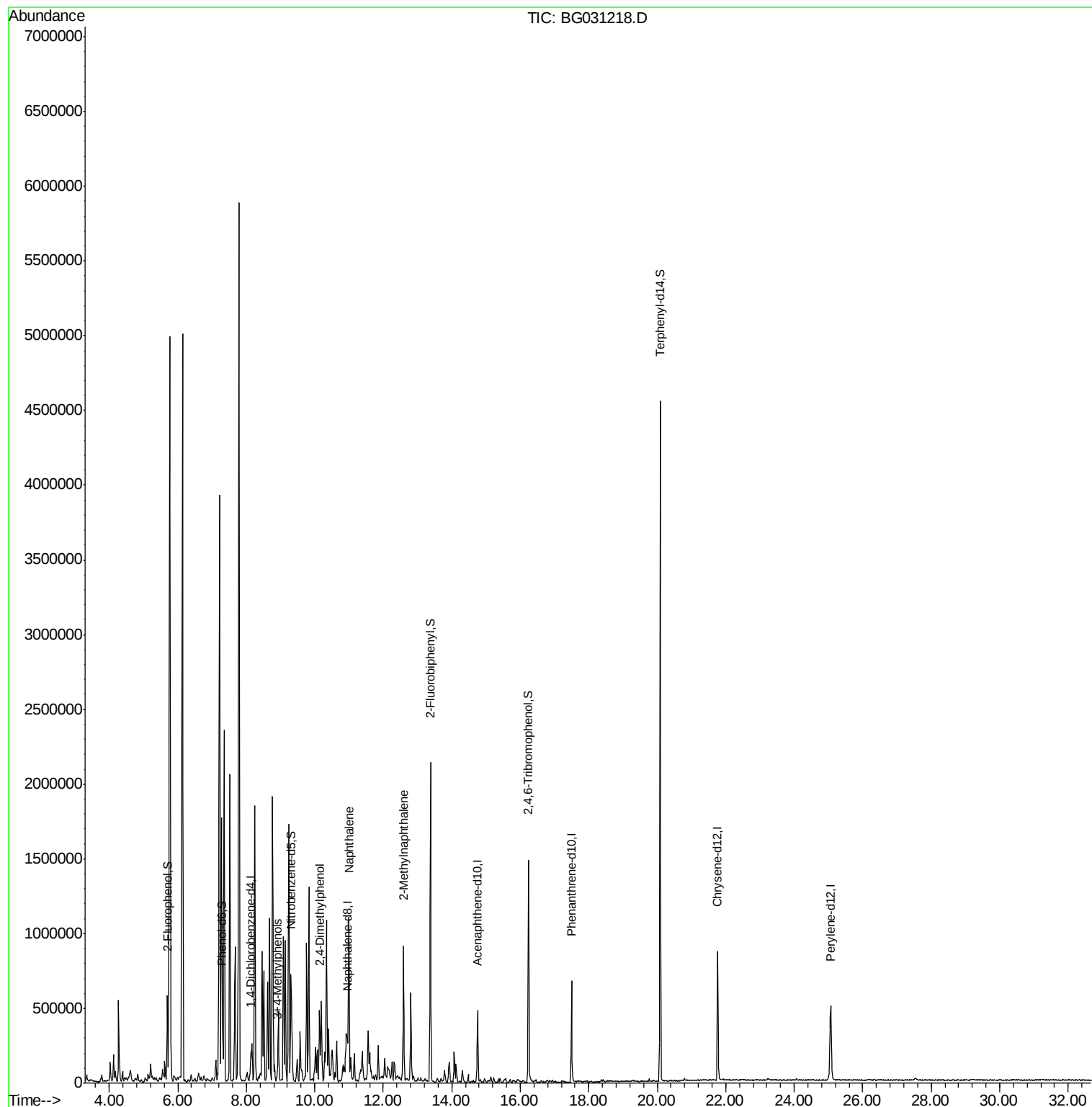
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
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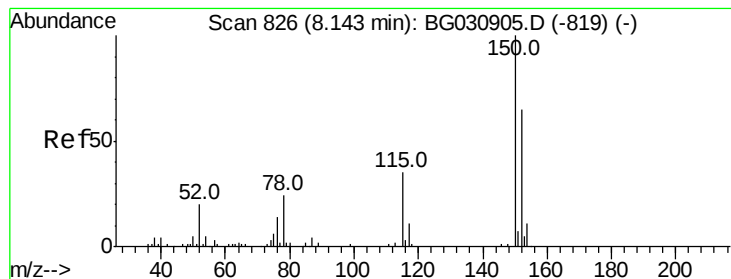
Instrument :
BNA_G
ClientSampleId :
MW-16

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Quant Time: Nov 24 00:26:10 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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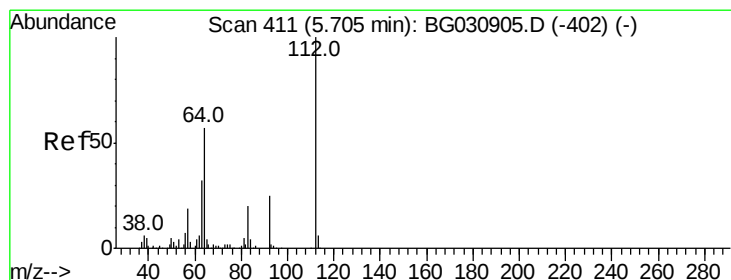
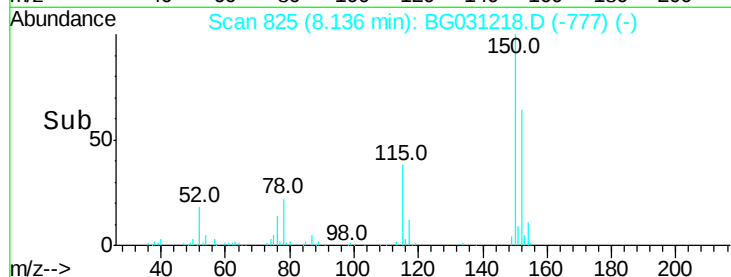
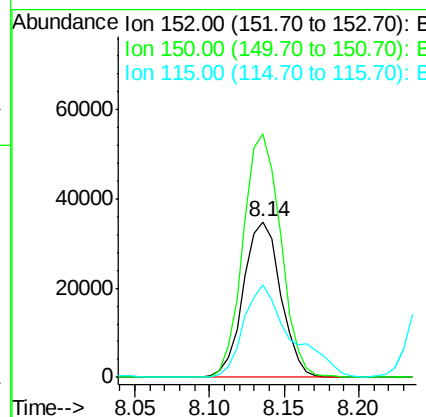
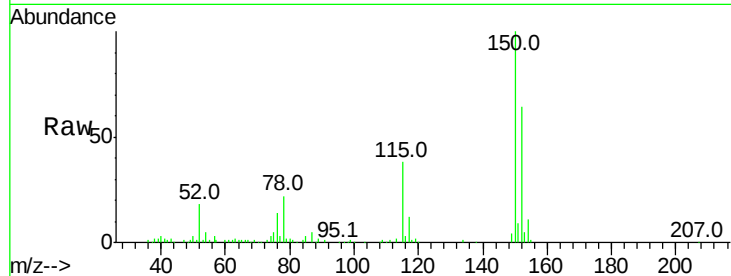
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031218.D
 Acq: 23 Nov 2017 10:05

Instrument :
 BNA_G
 ClientSampled :
 MW-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	59.6	53.0	79.4

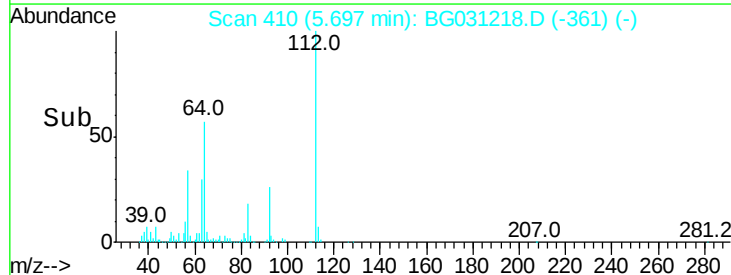
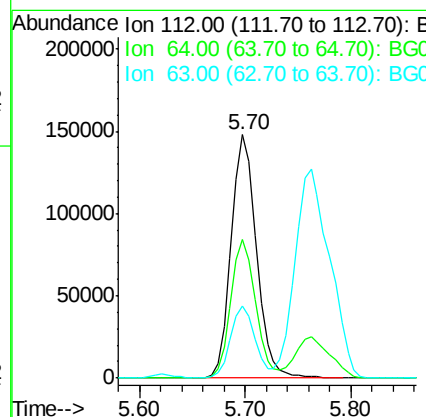
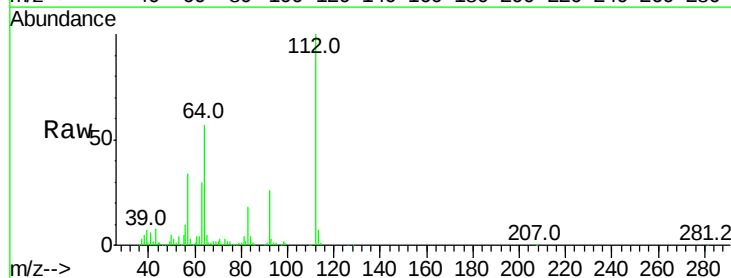
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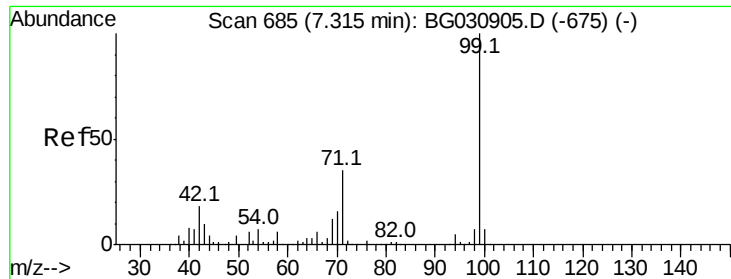
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#5
 2-Fluorophenol
 Concen: 69.645 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031218.D
 Acq: 23 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	56.3	84.5
63	29.8	30.1	45.1#





#7

Phenol-d6

Concen: 39.433 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031218.D

Acq: 23 Nov 2017 10:05

Instrument :

BNA_G

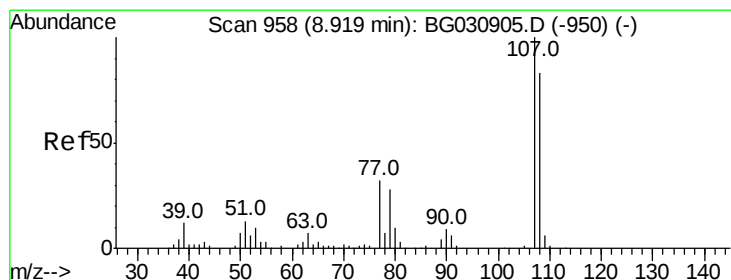
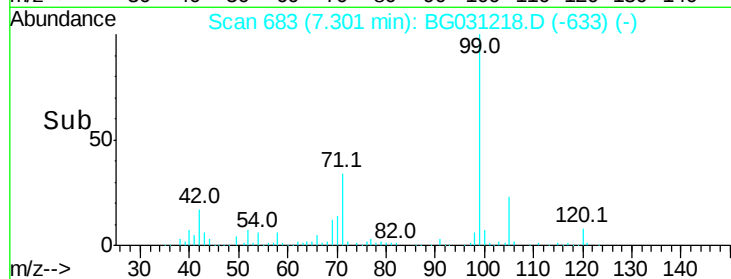
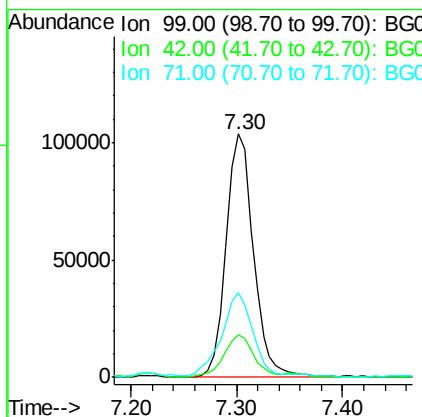
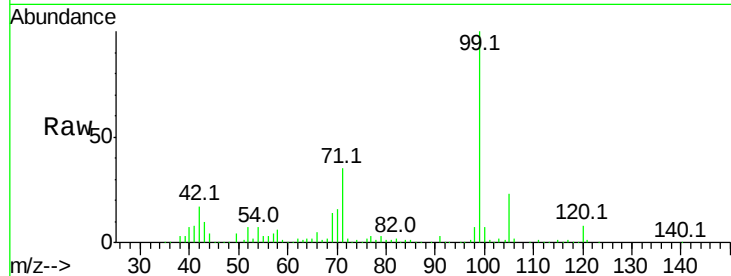
ClientSampled :

MW-16

Tot Ion:	99	Resp:	187023
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.1	21.1
71	35.0	26.1	39.1

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#20

3+4-Methylphenols

Concen: 3.145 ng

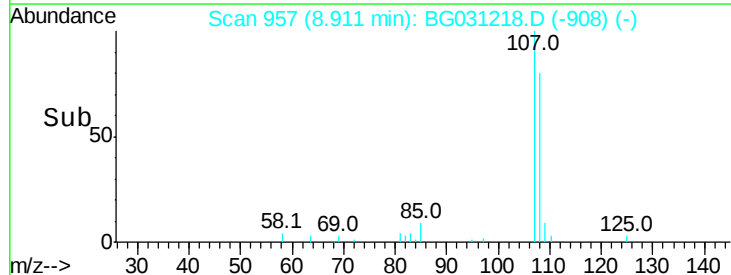
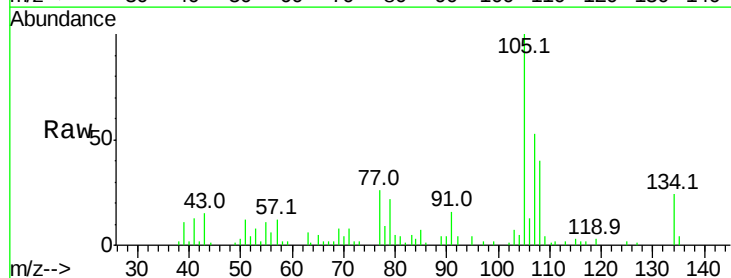
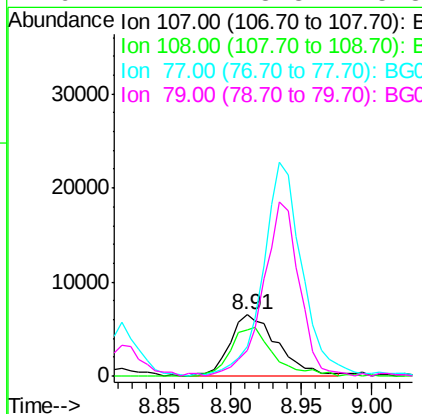
RT: 8.91 min Scan# 957

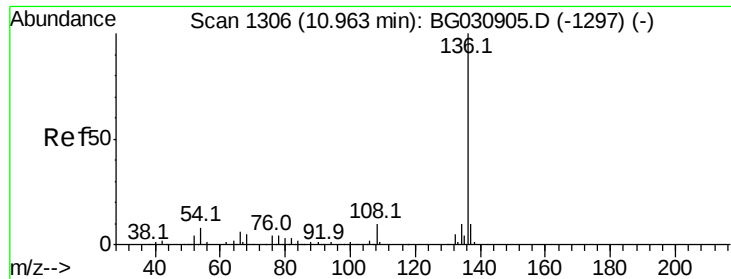
Delta R.T. -0.01 min

Lab File: BG031218.D

Acq: 23 Nov 2017 10:05

Tgt Ion:	107	Resp:	15340
Ion Ratio	Lower	Upper	
107	100		
108	75.5	61.6	101.6
77	48.7	13.9	53.9
79	42.7	8.8	48.8





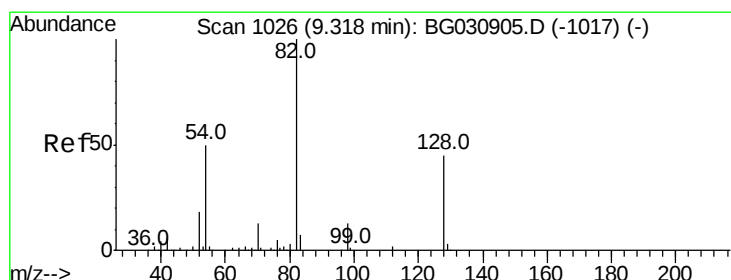
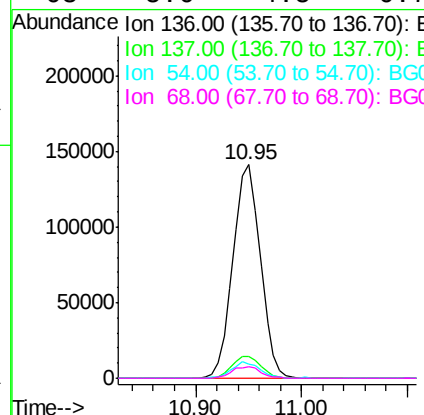
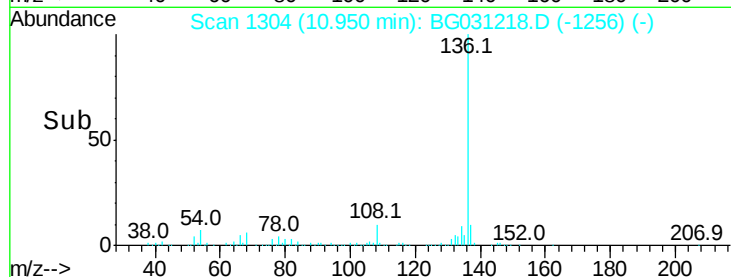
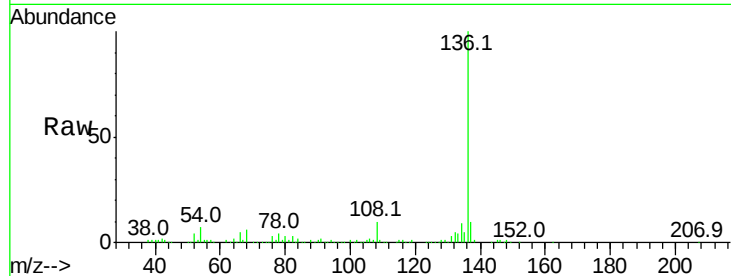
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031218.D
Acq: 23 Nov 2017 10:05

Instrument :
BNA_G
ClientSampleId :
MW-16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.5		9.2	13.8	
54	6.8		10.3	15.5	
68	5.6		4.5	6.7	

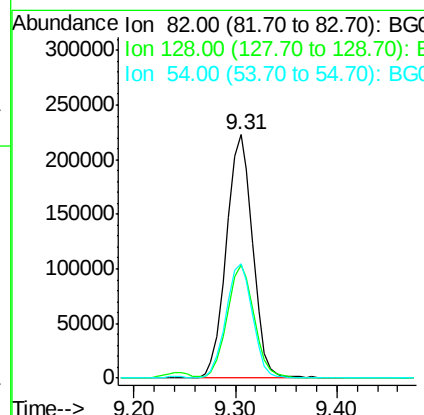
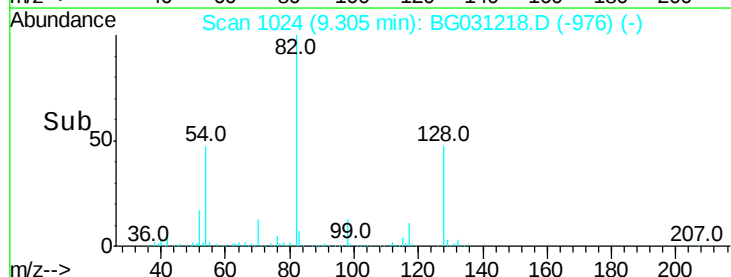
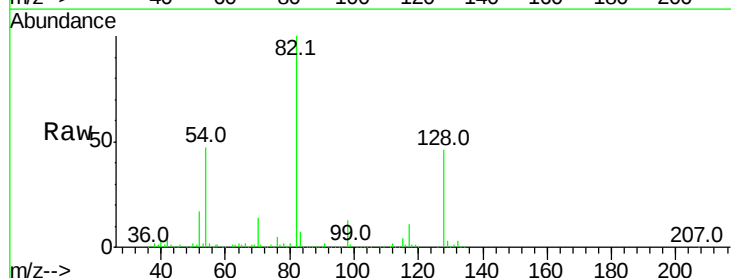
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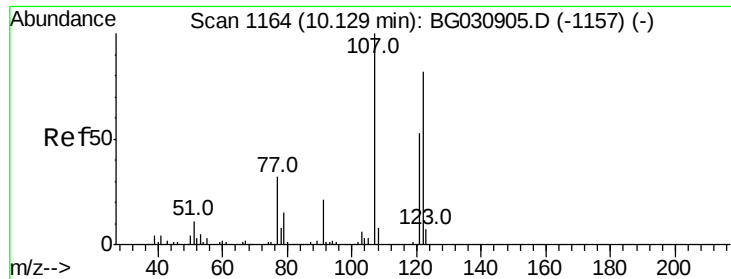
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#23
Nitrobenzene-d5
Concen: 93.917 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031218.D
Acq: 23 Nov 2017 10:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	46.5		29.7	44.5	
54	47.1		43.1	64.7	





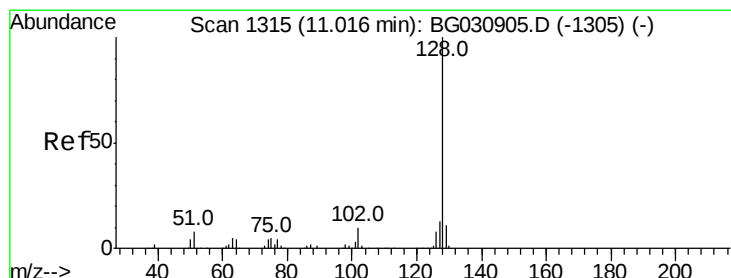
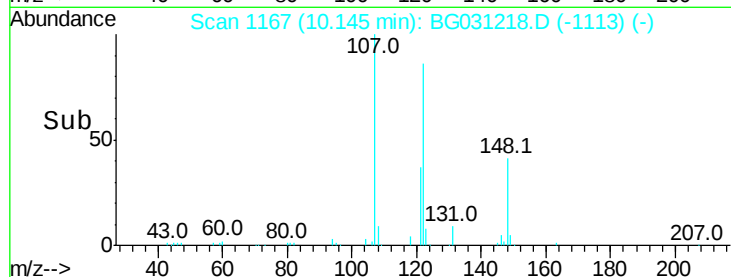
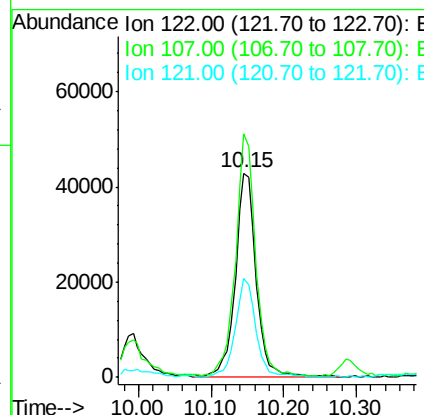
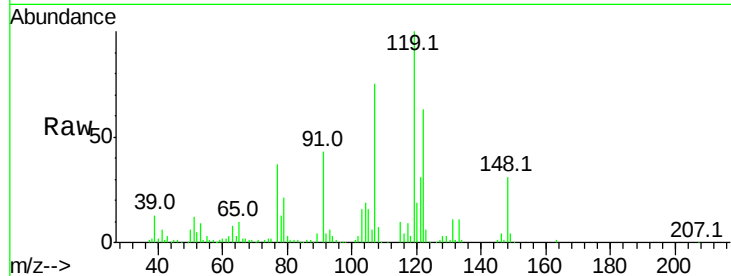
#27
2,4-Dimethylphenol
Concen: 25.561 ng
RT: 10.15 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BG031218.D
Acq: 23 Nov 2017 10:05

Instrument :
BNA_G
ClientSampleId :
MW-16

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	100.2	150.2
121	48.2	44.4	66.6

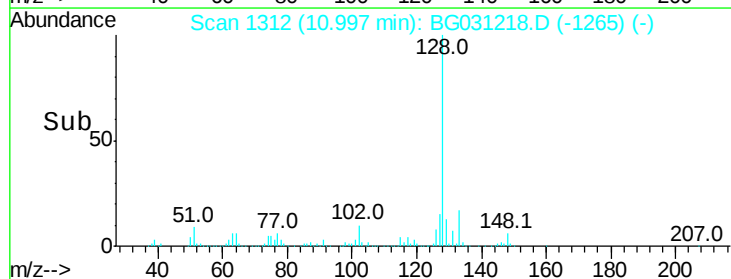
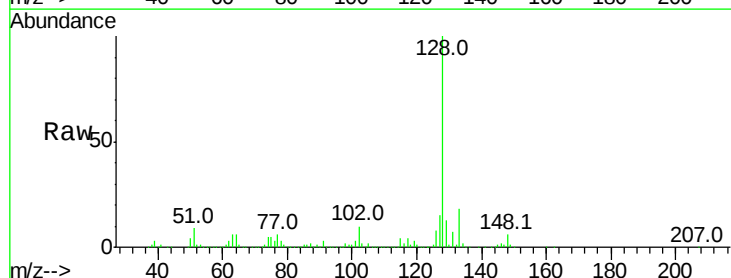
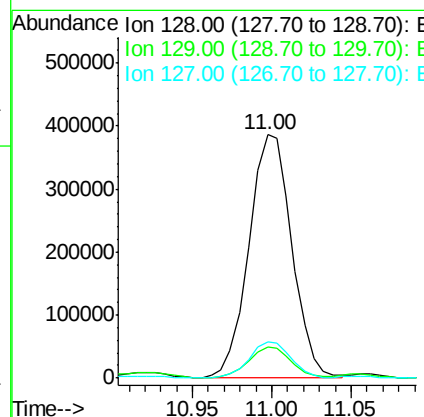
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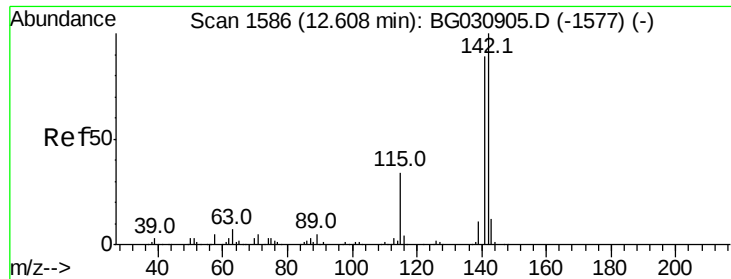
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#31
Naphthalene
Concen: 58.136 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031218.D
Acq: 23 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.6	12.8
127	15.0	11.6	17.4





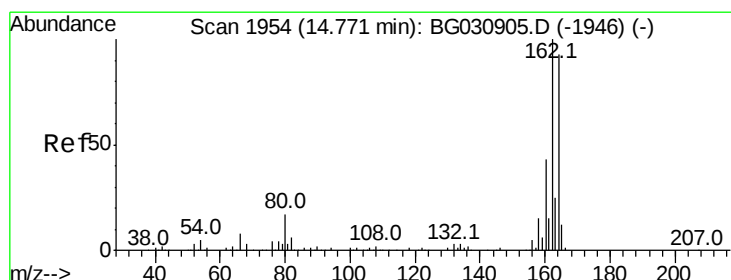
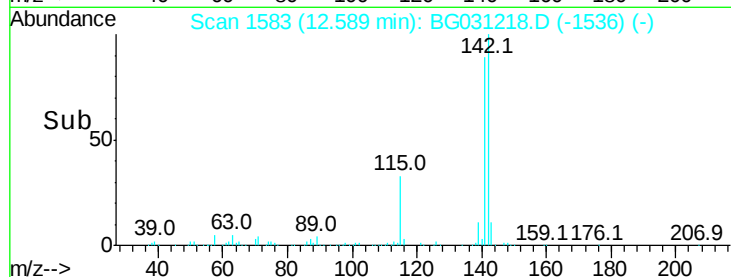
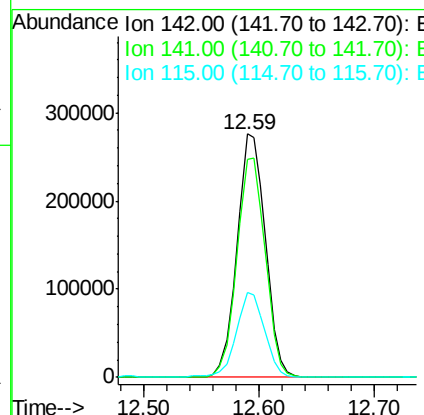
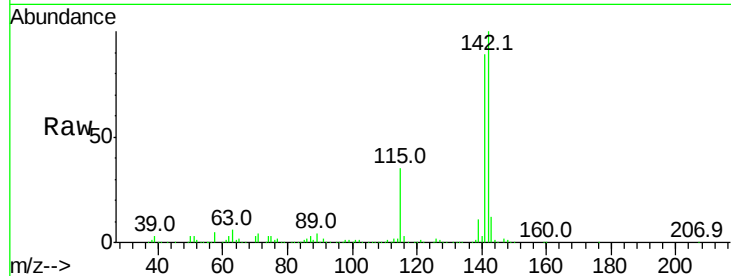
#37
2-Methylnaphthalene
Concen: 48.603 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031218.D
Acq: 23 Nov 2017 10:05

Instrument :
BNA_G
ClientSampled :
MW-16

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	67.1	100.7
115	34.8	30.7	46.1

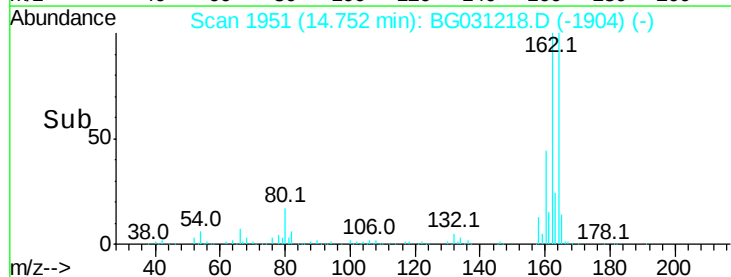
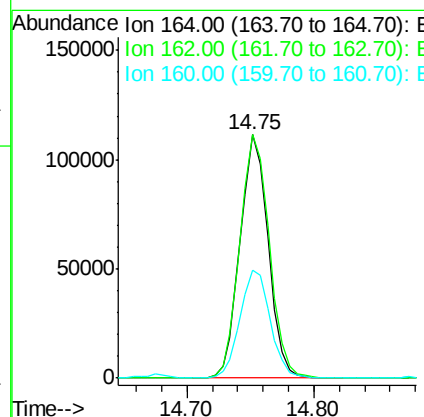
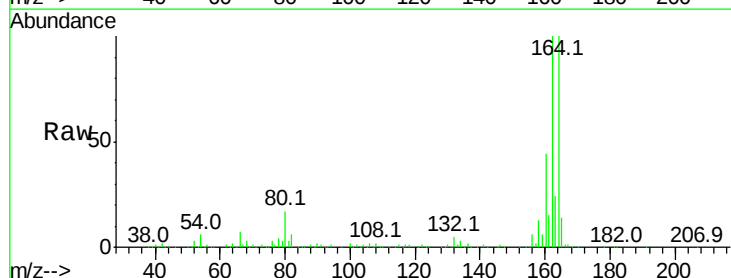
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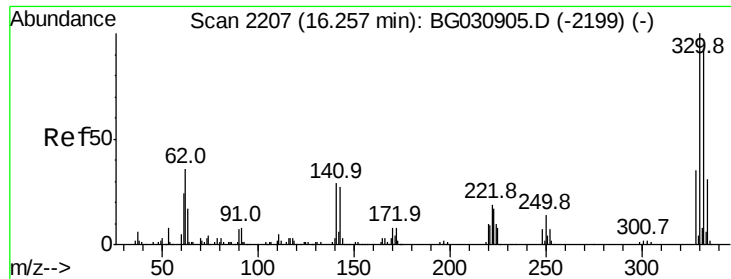
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031218.D
Acq: 23 Nov 2017 10:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	44.3	35.4	53.0





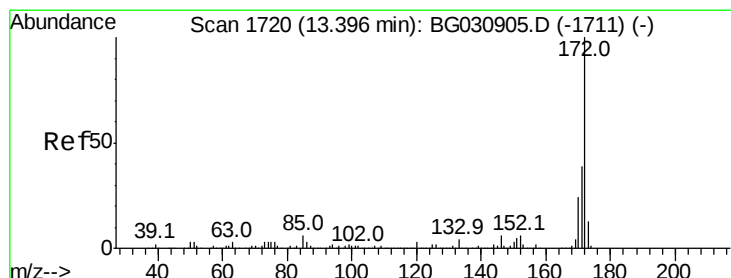
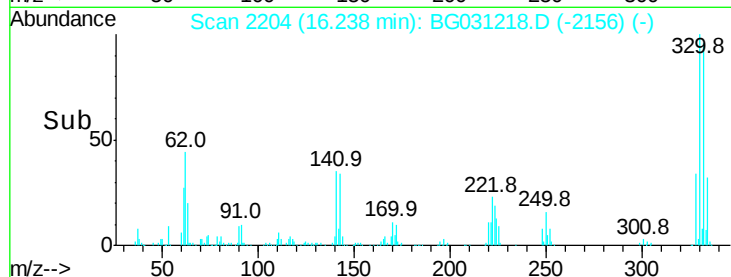
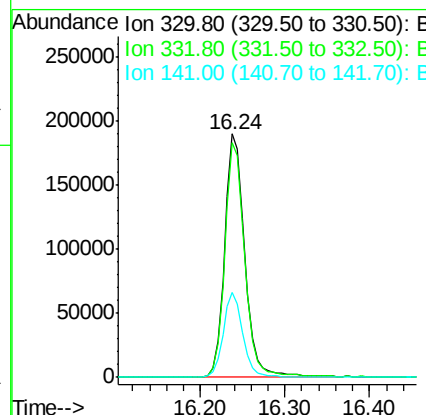
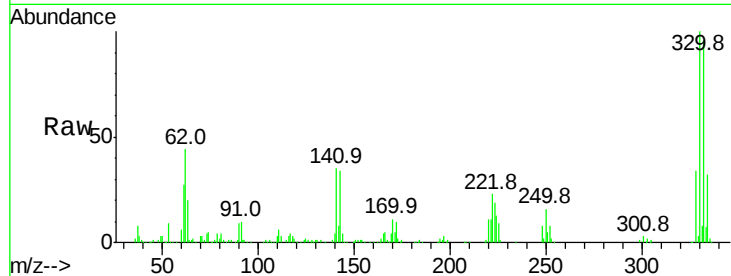
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 2,4,6-Tribromophenol
 Concen: 113.519 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031218.D
 Acq: 23 Nov 2017 10:05

Instrument :
 BNA_G
 ClientSampled :
 MW-16

Tot Ion	Ratio	Resp	Lower	Upper
330	100	314115		
332	96.6	77.0	115.6	
141	34.8	25.2	37.8	

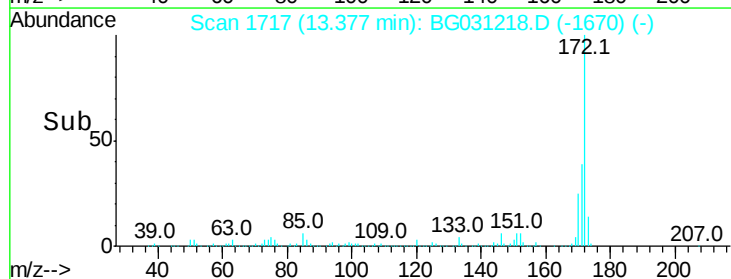
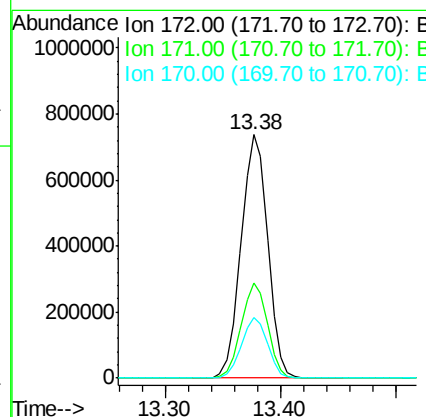
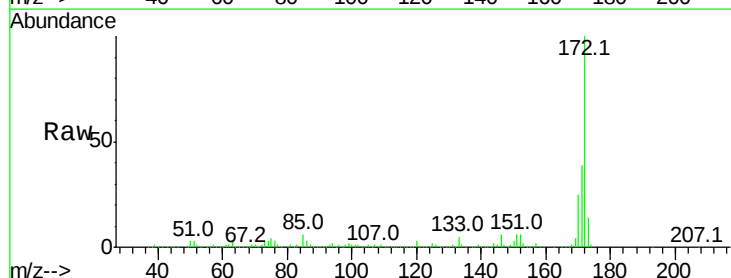
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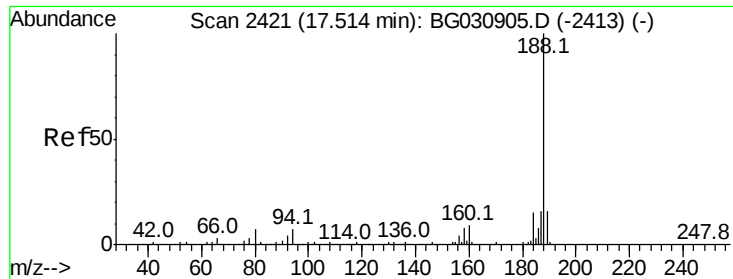
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#44
 2-Fluorobiphenyl
 Concen: 98.592 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031218.D
 Acq: 23 Nov 2017 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1173678		
171	39.0	30.0	45.0	
170	24.7	19.5	29.3	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031218.D

Acq: 23 Nov 2017 10:05

Instrument :

BNA_G

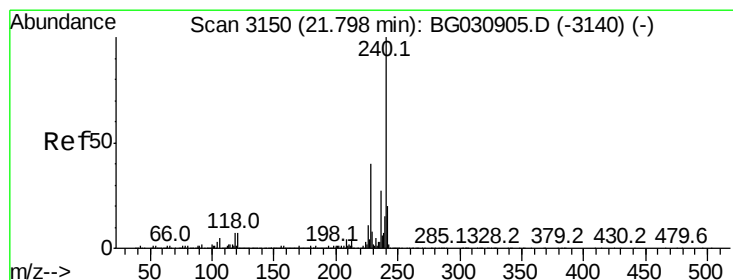
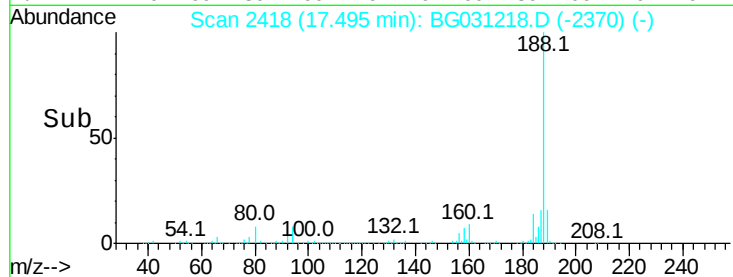
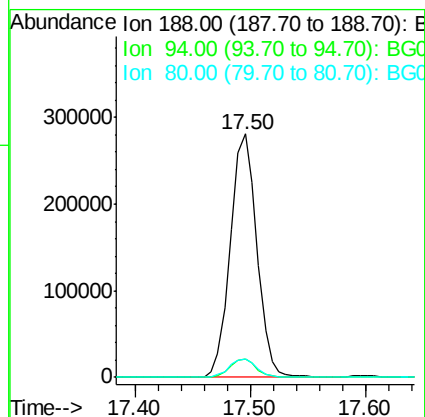
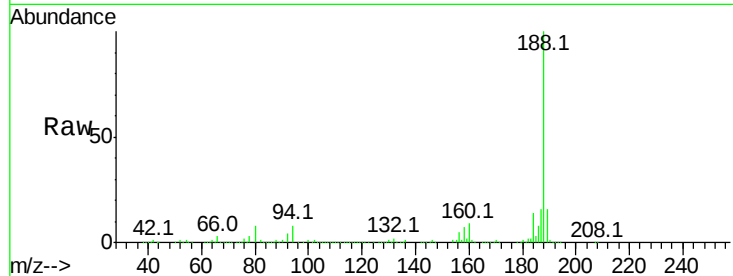
ClientSampled :

MW-16

Tot Ion:	188	Resp:	448481
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.9	10.3
80	7.8	7.7	11.5

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

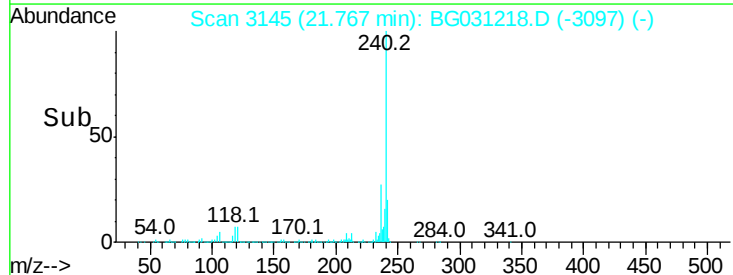
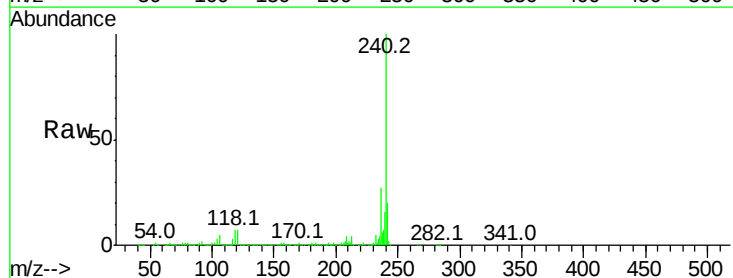
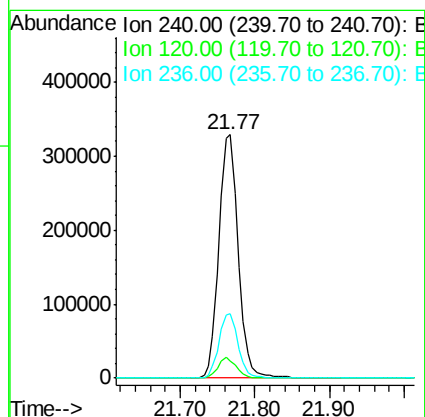
RT: 21.77 min Scan# 3145

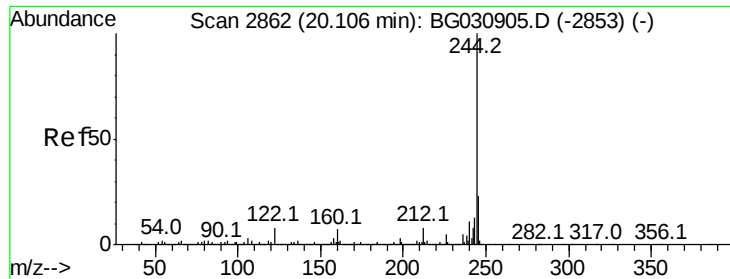
Delta R.T. -0.02 min

Lab File: BG031218.D

Acq: 23 Nov 2017 10:05

Tgt Ion:	240	Resp:	590774
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.8	10.2
236	26.6	20.9	31.3





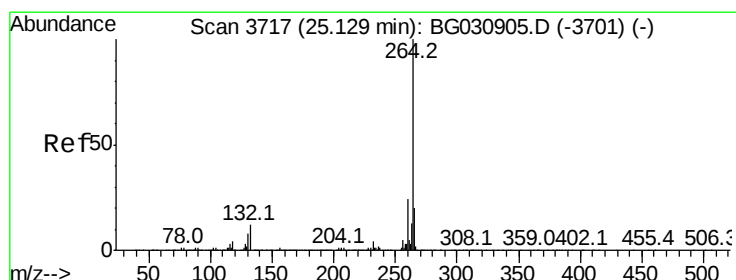
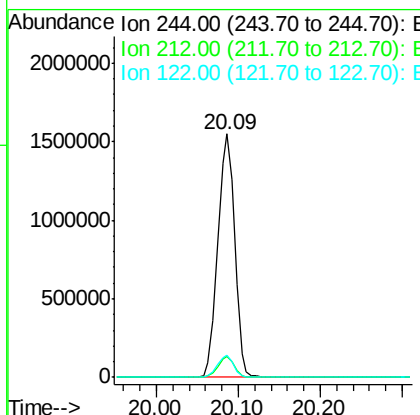
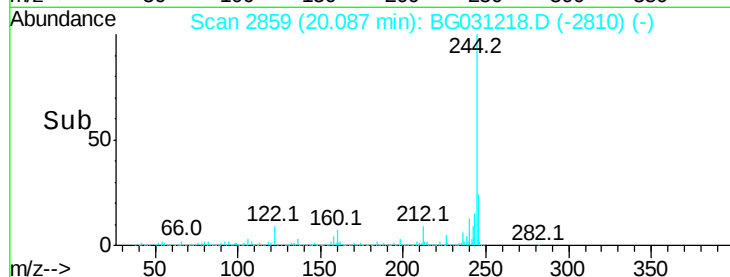
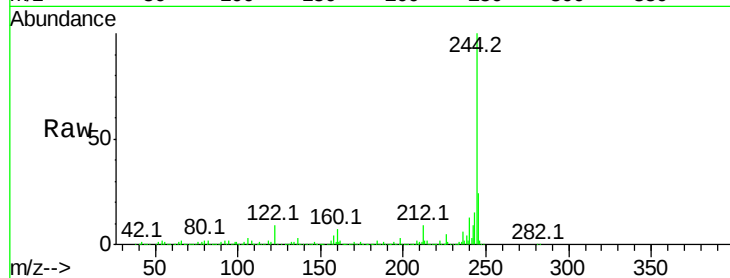
#78
 Terphenyl-d14
 Concen: 83.521 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG031218.D
 Acq: 23 Nov 2017 10:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Tot Ion:244 Resp: 2234593
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 9.2 7.0 10.4

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:22:12 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031218.D
 Acq: 23 Nov 2017 10:05

Tgt Ion:264 Resp: 582874
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 22.7 17.7 26.5

