

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032232.D
 Acq On : 23 Jan 2018 15:22
 Operator : SJ/JU
 Sample : J1239-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7317-02

Manual Integrations
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Quant Time: Jan 24 10:04:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	47149	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	195587	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	137805	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	339915	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	439566	20.00	ng	-0.02
86) Perylene-d12	26.12	264	464539	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	332915	129.14	ng	0.00
7) Phenol-d6	7.84	99	392526	120.90	ng	0.00
23) Nitrobenzene-d5	9.93	82	281690	97.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	331610	145.42	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	949591	85.44	ng	-0.02
78) Terphenyl-d14	20.63	244	1866222	93.74	ng	-0.02
Target Compounds						
10) Phenol	7.87	94	88646	27.717	ng	97
17) 2-Methylphenol	9.17	107	32899	13.460	ng	93
20) 3+4-Methylphenols	9.50	107	105450	31.142	ng	90
27) 2,4-Dimethylphenol	10.73	122	25813m	9.520	ng	
31) Naphthalene	11.67	128	1403549	144.861	ng	99
37) 2-Methylnaphthalene	13.23	142	107154	13.930	ng	97
48) Acenaphthylene	15.09	152	123156	8.800	ng	99
54) Dibenzofuran	15.75	168	46709	3.384	ng	97
57) Fluorene	16.40	166	61046	5.392	ng	93
70) Phenanthrene	18.14	178	135556	7.163	ng	99
72) Carbazole	18.49	167	192192	11.737	ng	97

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

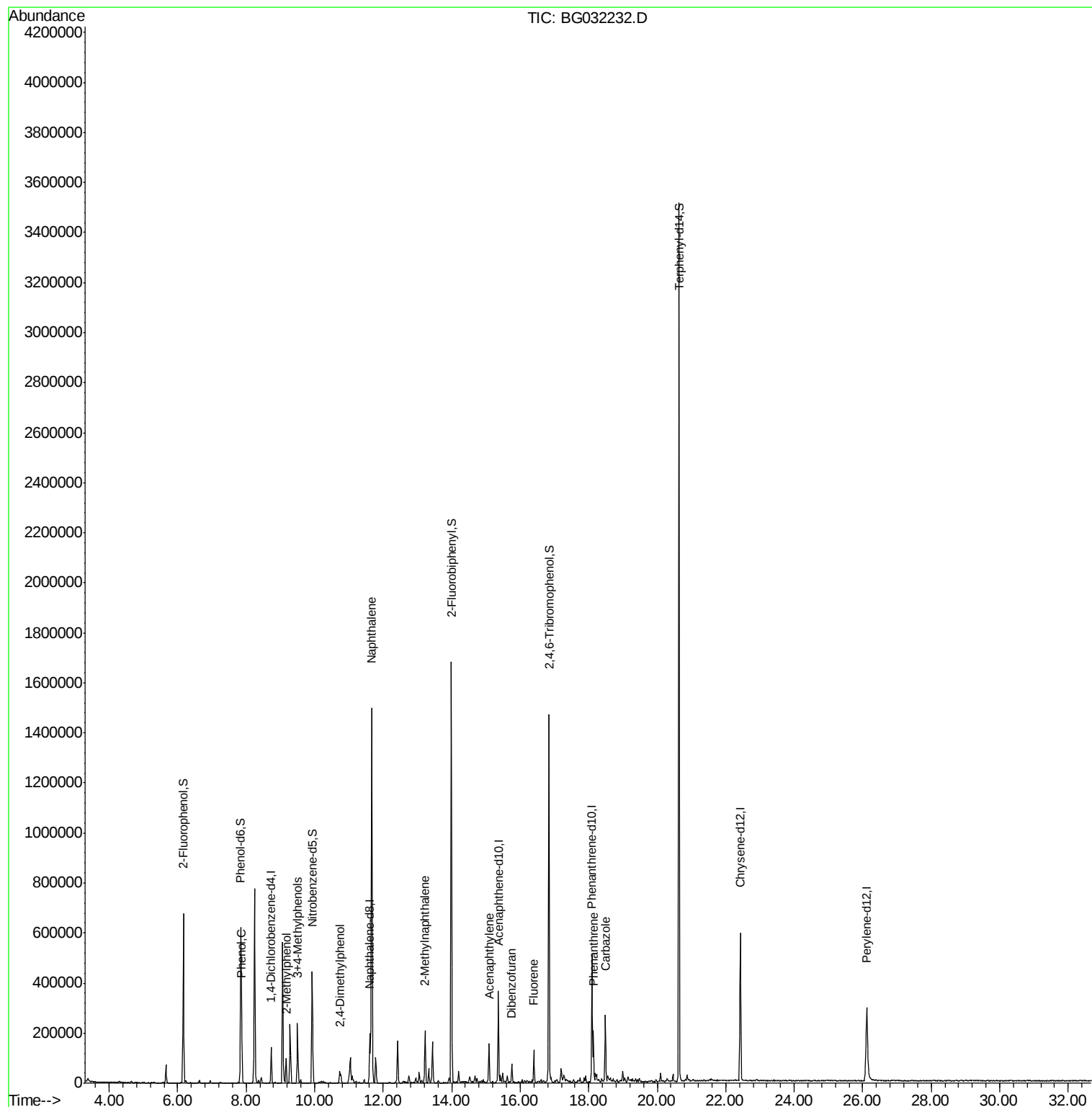
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032232.D
Acq On : 23 Jan 2018 15:22
Operator : SJ/JU
Sample : J1239-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

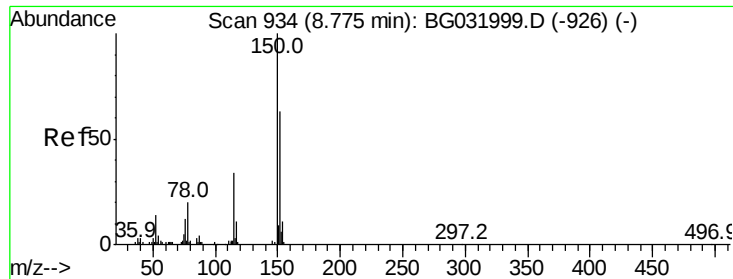
Instrument :
BNA_G
ClientSampleId :
WC-7317-02

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Quant Time: Jan 24 10:04:43 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Instrument :

BNA_G

ClientSampleId :

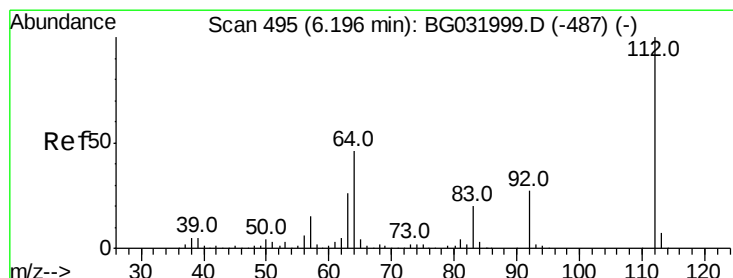
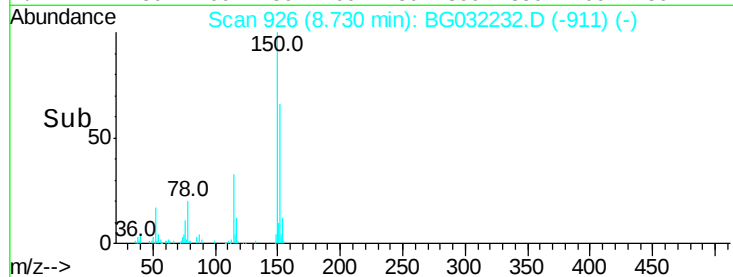
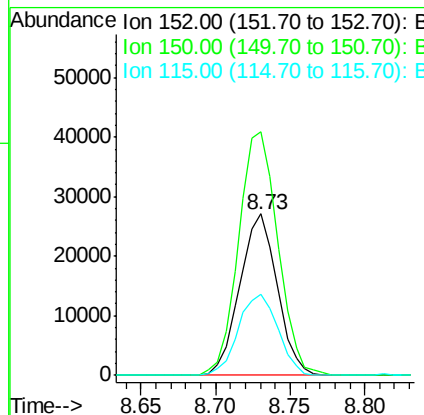
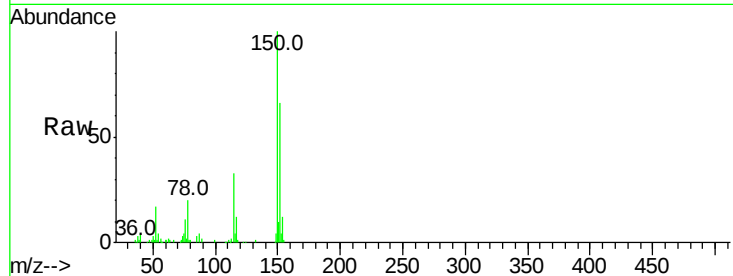
WC-7317-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.6	189.8
115	50.5	53.0	79.4

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#5

2-Fluorophenol

Concen: 129.139 ng

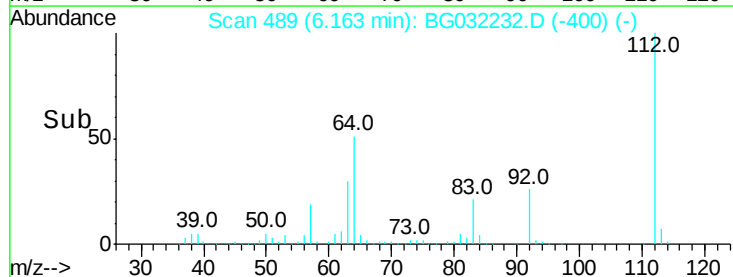
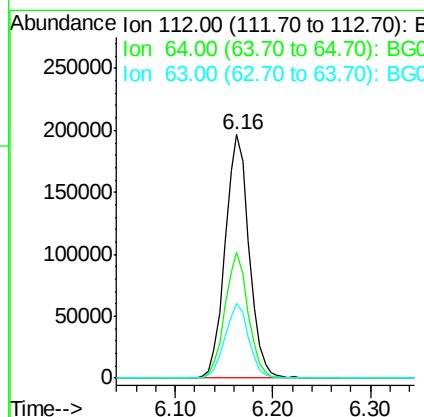
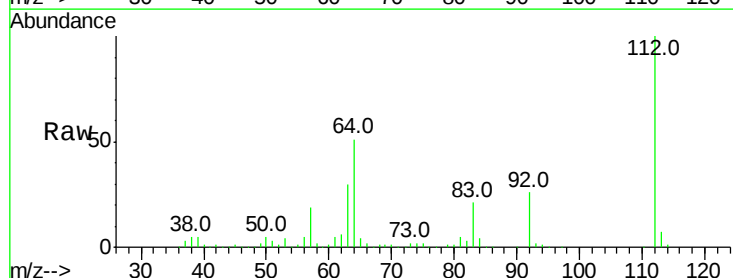
RT: 6.16 min Scan# 489

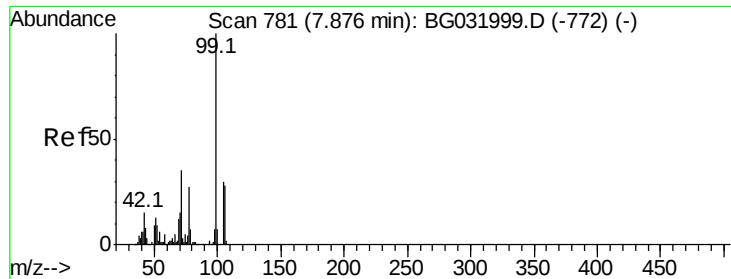
Delta R.T. -0.01 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	56.3	84.5
63	30.5	30.1	45.1





#7

Phenol-d6

Concen: 120.897 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Instrument :

BNA_G

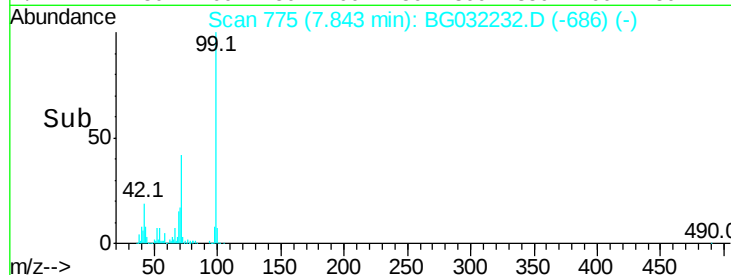
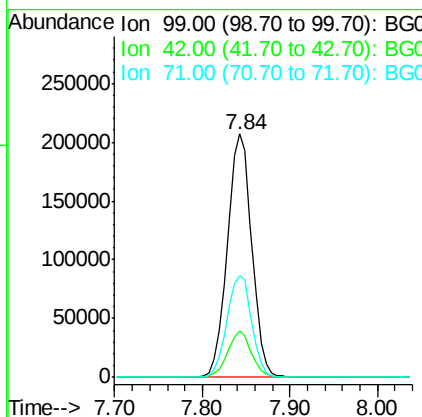
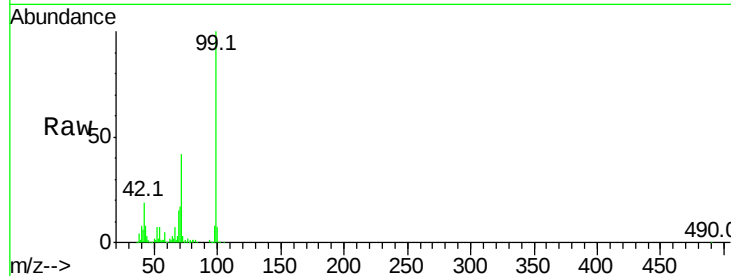
ClientSampled :

WC-7317-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	19.1	14.1	21.1		
71	42.0	26.1	39.1#		

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#10

Phenol

Concen: 27.717 ng

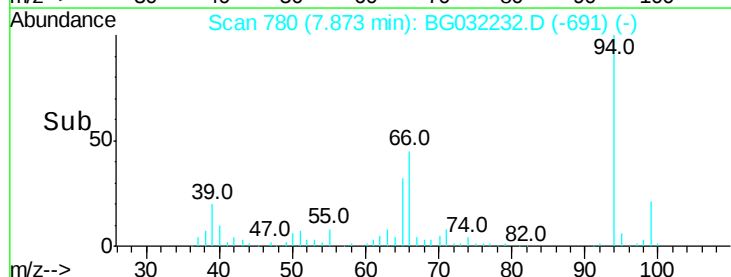
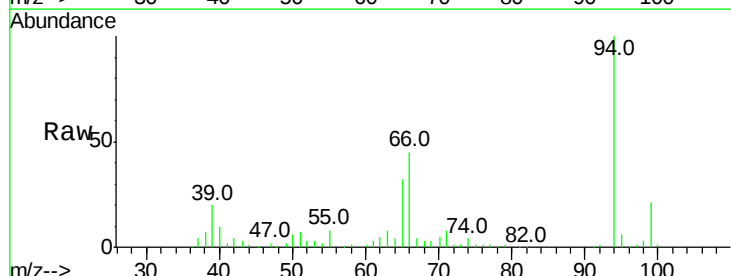
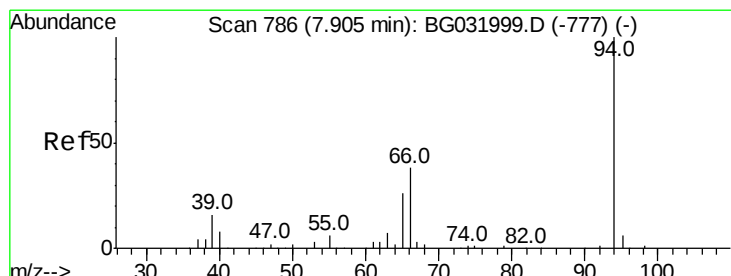
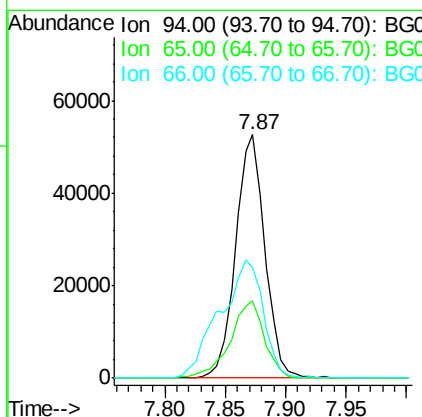
RT: 7.87 min Scan# 780

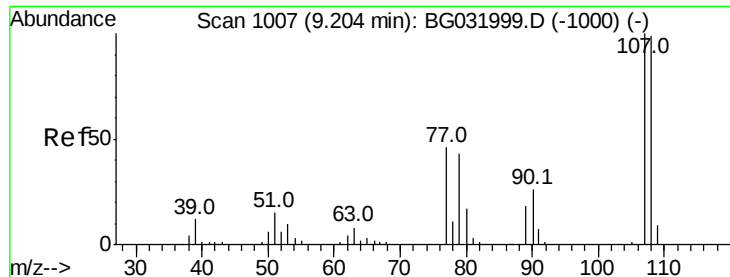
Delta R.T. -0.01 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.6	11.9	51.9		
66	45.1	22.2	62.2		





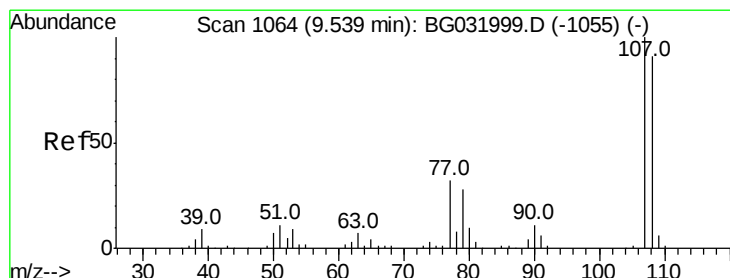
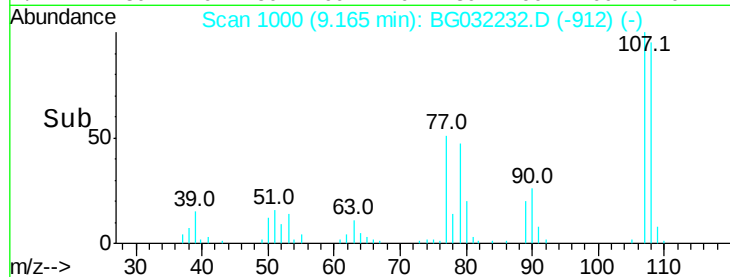
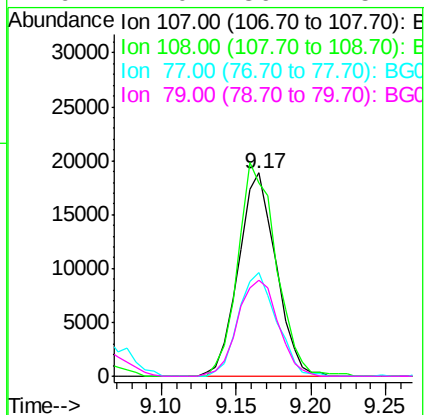
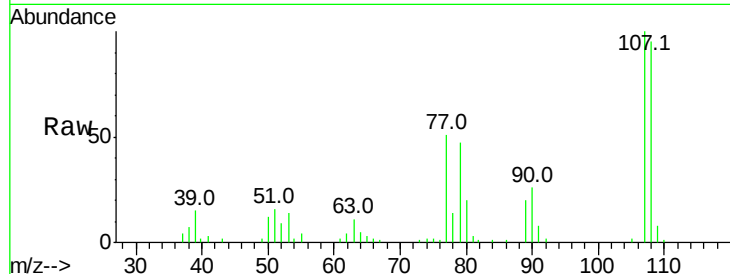
#17
 2-Methylphenol
 Concen: 13.460 ng
 RT: 9.17 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 WC-7317-02

Tot Ion:	107	Resp:	32899
Ion	Ratio	Lower	Upper
107	100		
108	95.4	83.9	125.9
77	51.0	37.2	55.8
79	47.0	36.2	54.2

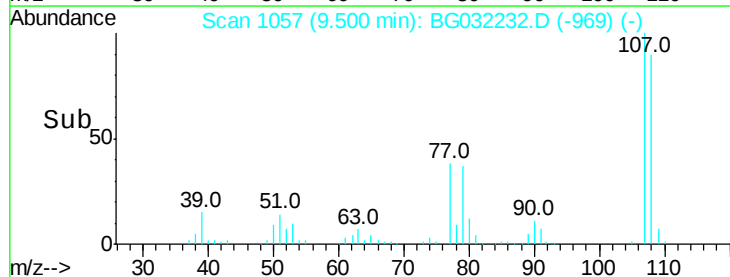
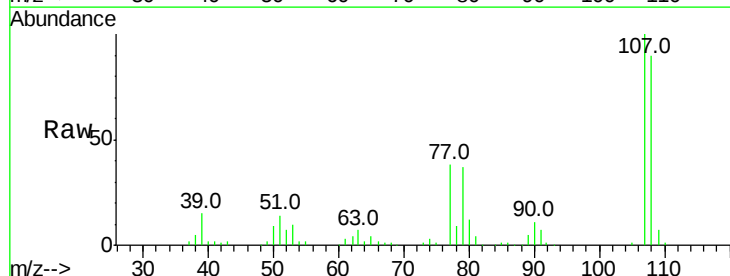
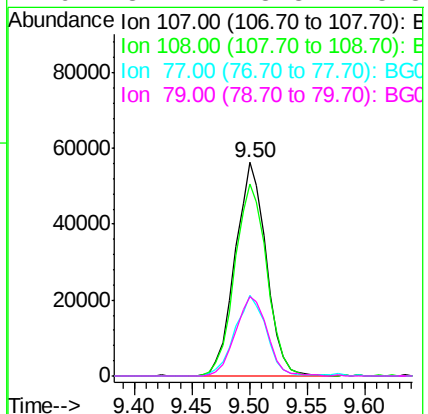
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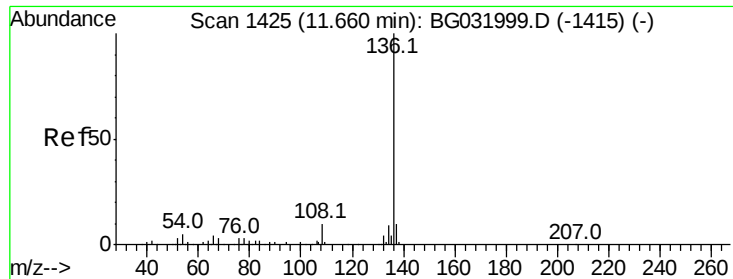
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#20
 3+4-Methylphenols
 Concen: 31.142 ng
 RT: 9.50 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Tgt Ion:	107	Resp:	105450
Ion	Ratio	Lower	Upper
107	100		
108	90.0	61.6	101.6
77	37.7	13.9	53.9
79	37.1	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Instrument :

BNA_G

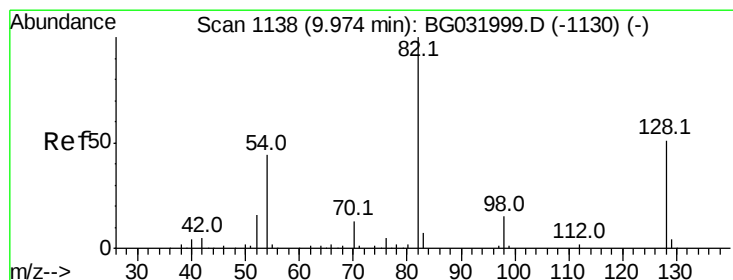
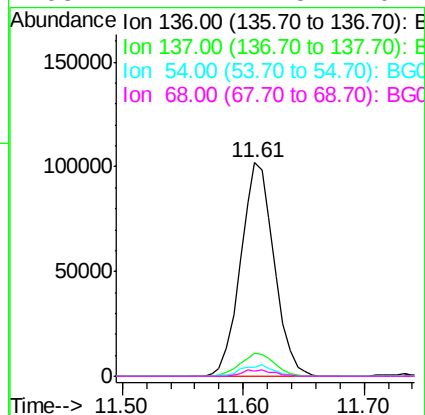
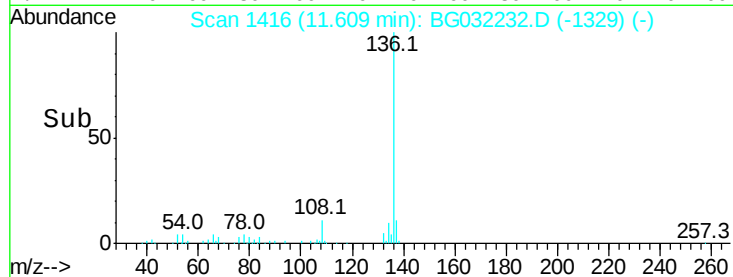
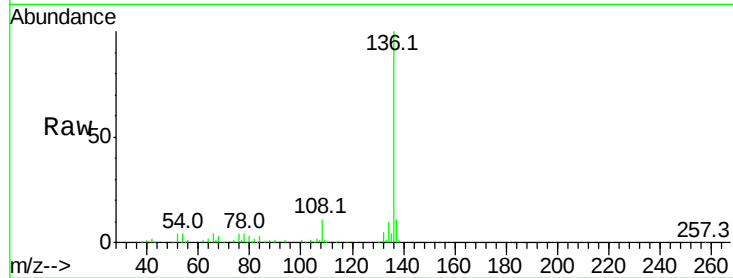
ClientSampleId :

WC-7317-02

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.2	13.8	
54	4.4	10.3	15.5#	
68	2.7	4.5	6.7#	

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#23

Nitrobenzene-d5

Concen: 97.438 ng

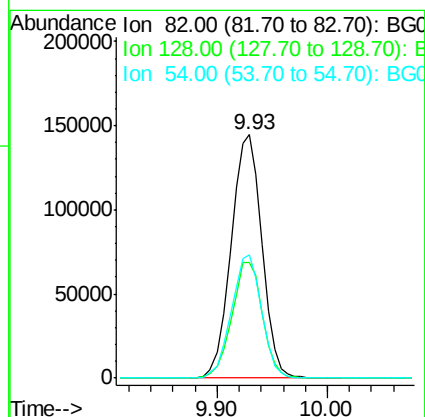
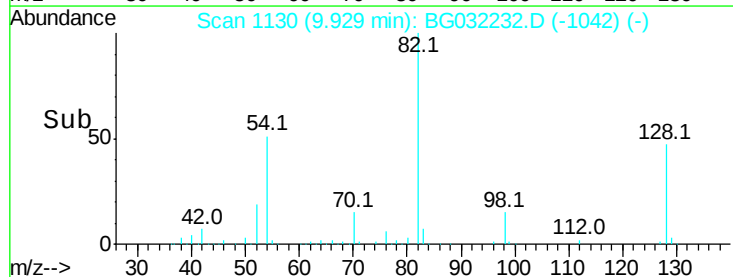
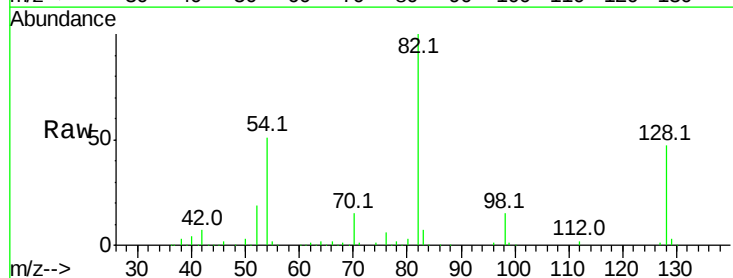
RT: 9.93 min Scan# 1130

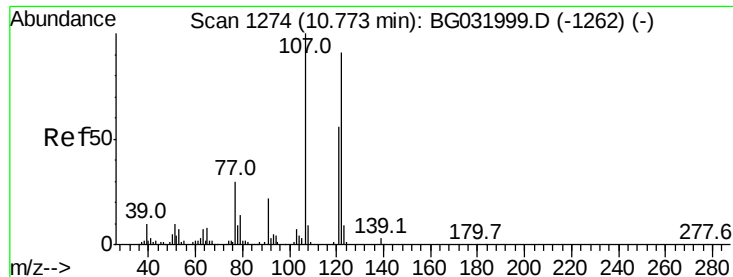
Delta R.T. -0.01 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	29.7	44.5#	
54	50.8	43.1	64.7	





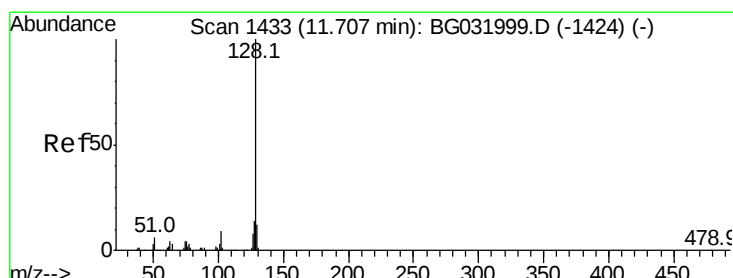
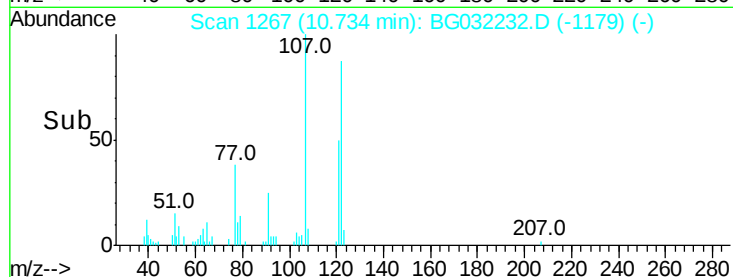
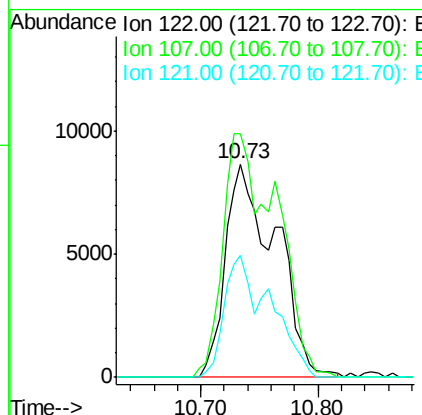
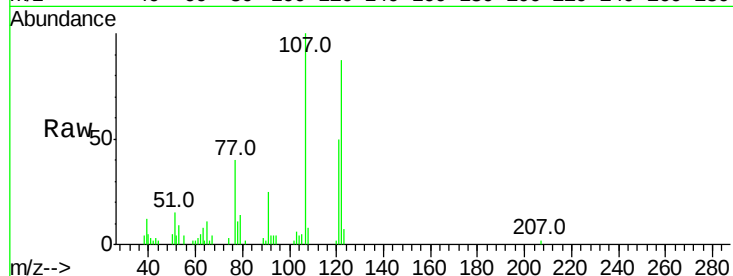
#27
 2,4-Dimethylphenol
 Concen: 9.520 ng/ml
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Instrument :
 BNA_G
 ClientSampleID :
 WC-7317-02

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	100.2	150.2
121	57.3	44.4	66.6

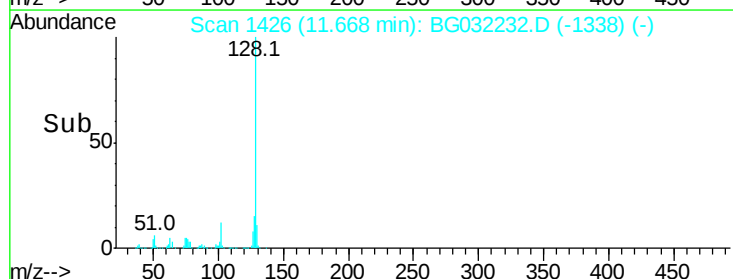
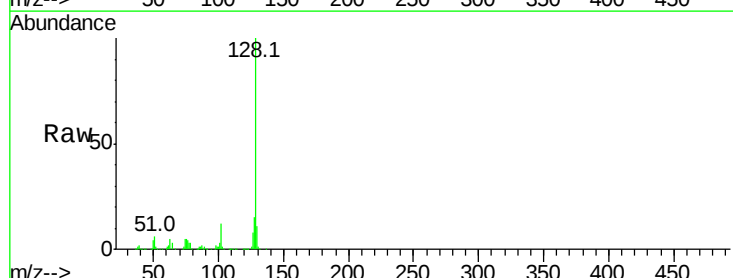
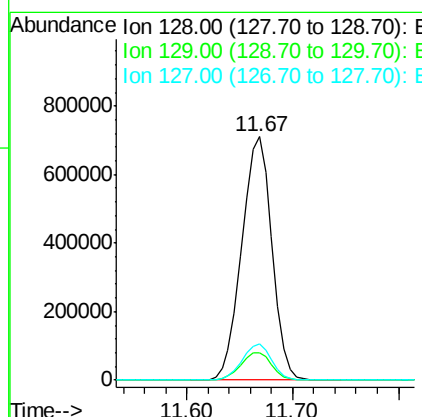
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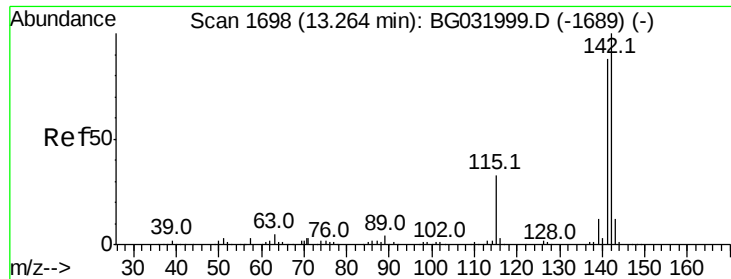
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#31
 Naphthalene
 Concen: 144.861 ng
 RT: 11.67 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.9	11.6	17.4





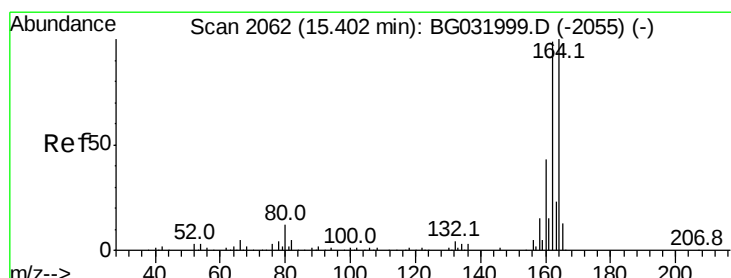
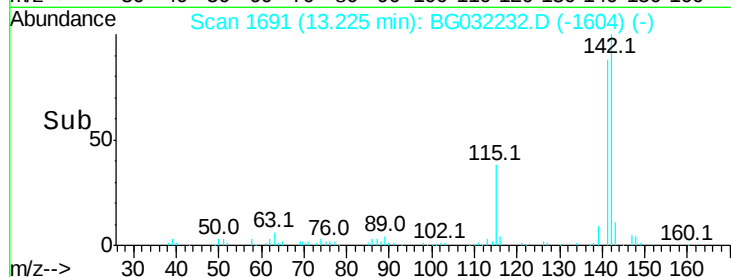
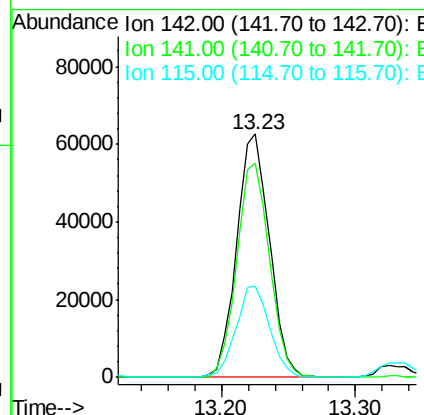
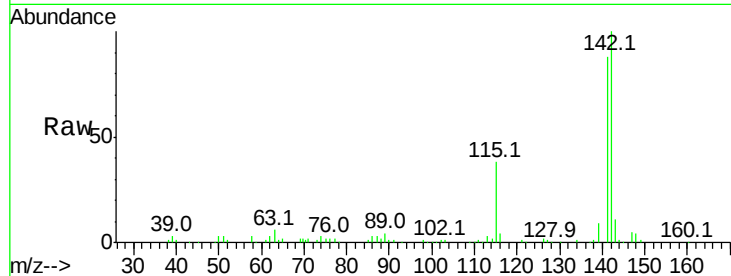
#37
2-Methylnaphthalene
Concen: 13.930 ng
RT: 13.23 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
WC-7317-02

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.1	100.7
115	37.7	30.7	46.1

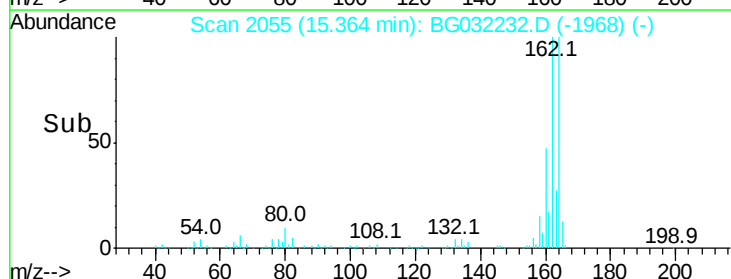
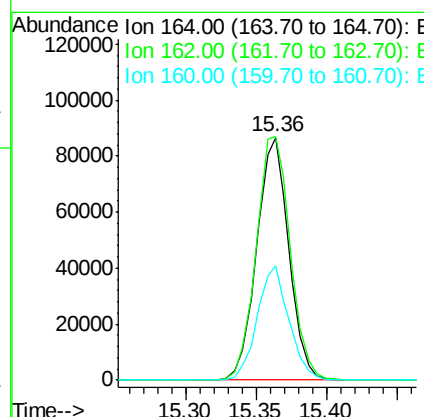
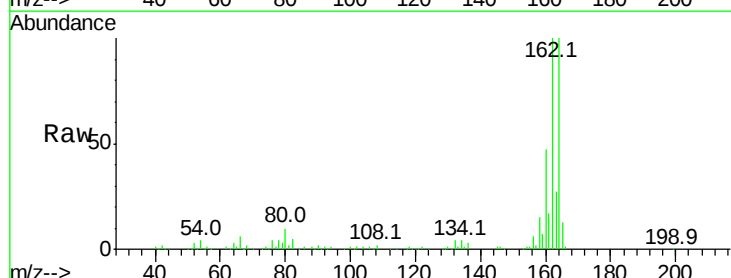
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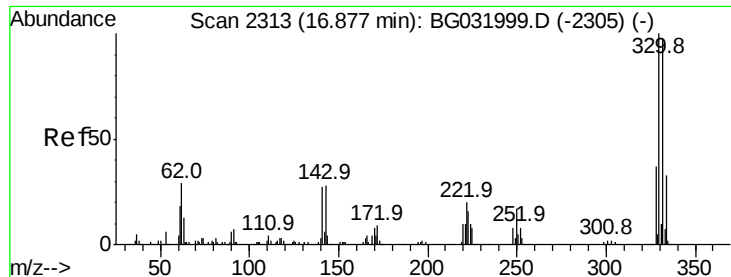
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	47.4	35.4	53.0





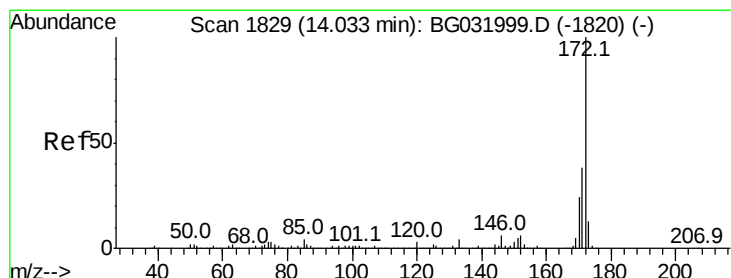
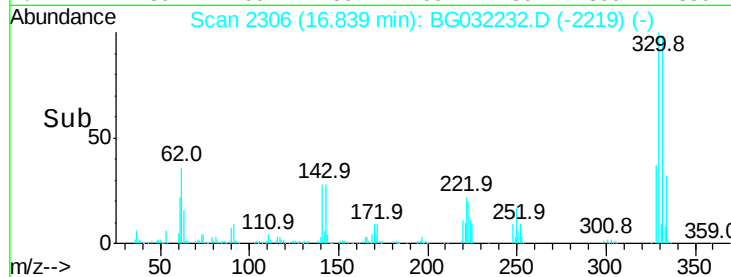
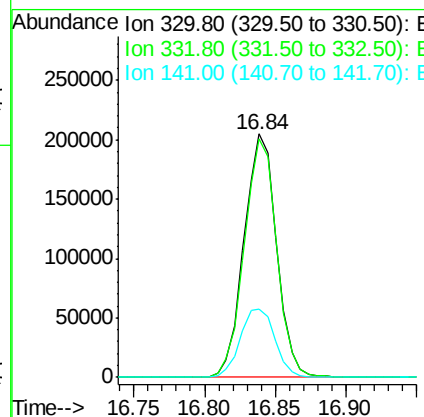
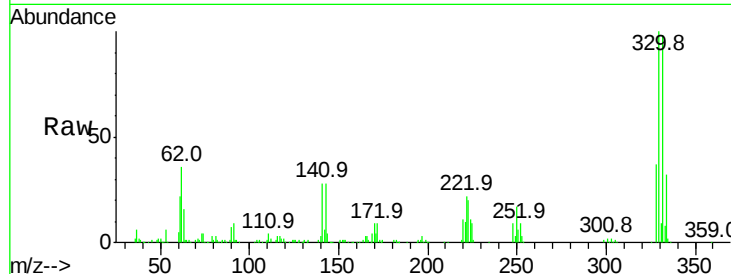
#41
 2,4,6-Tribromophenol
 Concen: 145.421 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Instrument :
 BNA_G
 ClientSampled :
 WC-7317-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	77.0	115.6	
141	30.2	25.2	37.8	

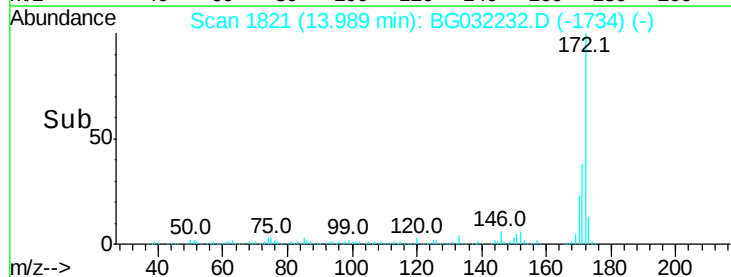
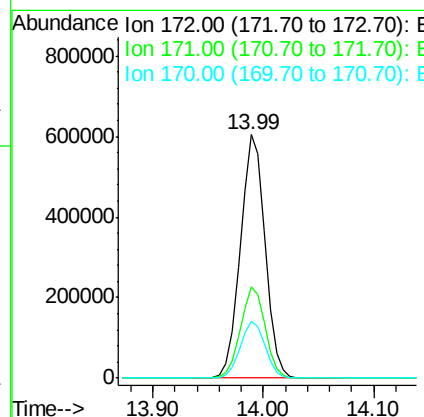
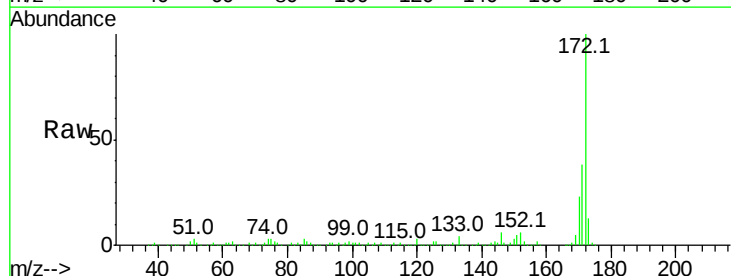
Manual Integrations
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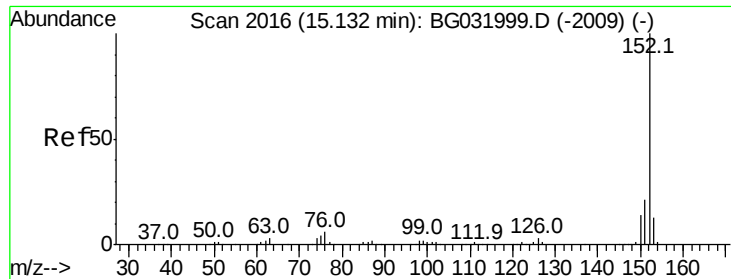
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#44
 2-Fluorobiphenyl
 Concen: 85.443 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.5	30.0	45.0	
170	23.3	19.5	29.3	





#48

Acenaphthylene

Concen: 8.800 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Instrument :

BNA_G

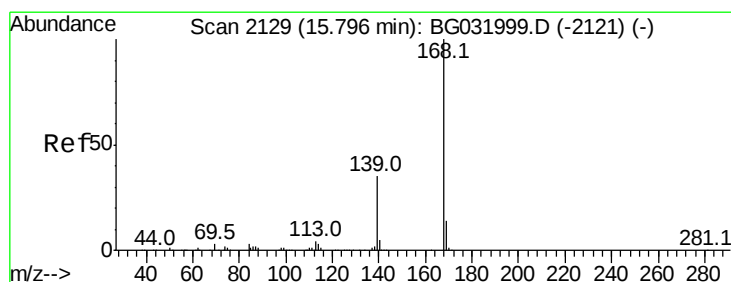
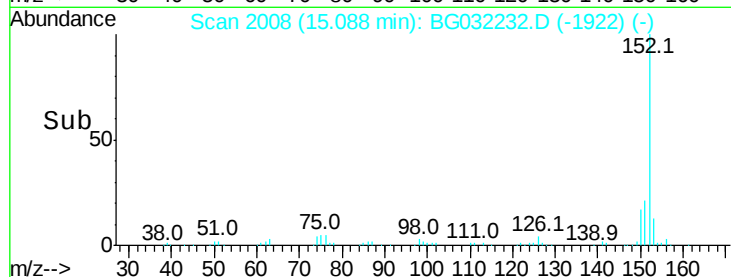
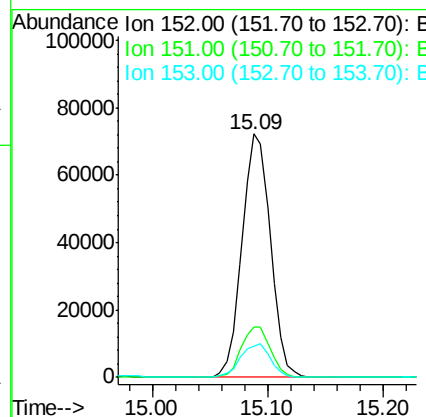
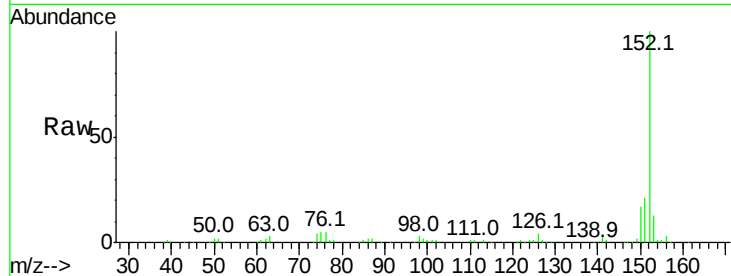
ClientSampleId :

WC-7317-02

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.6	17.2	25.8	
153	12.8	10.2	15.4	

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#54

Dibenzofuran

Concen: 3.384 ng

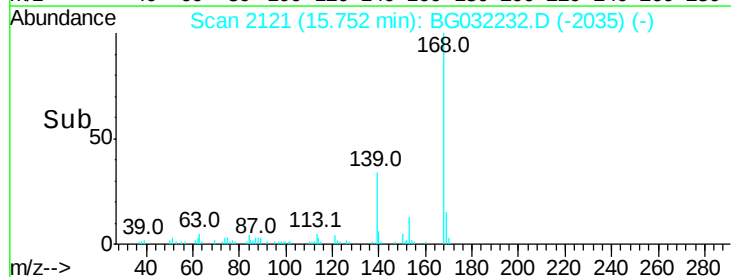
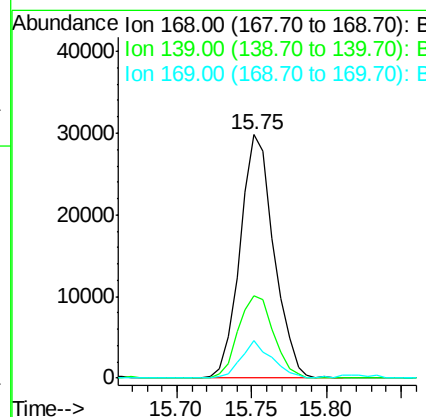
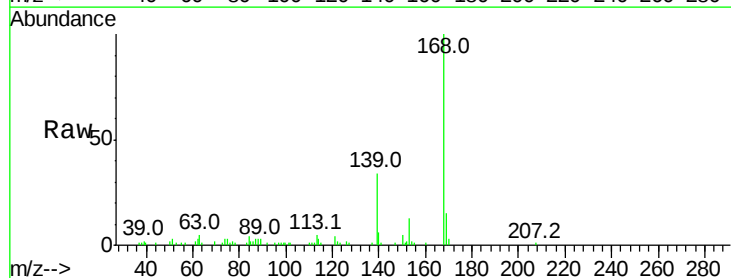
RT: 15.75 min Scan# 2121

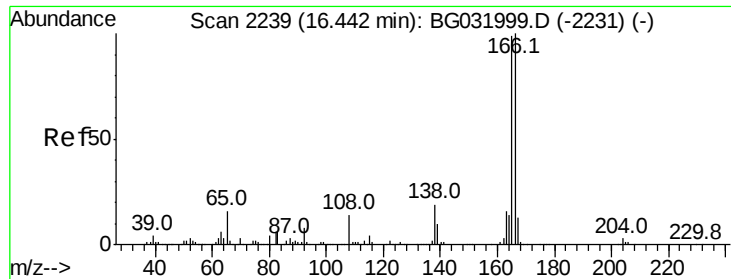
Delta R.T. -0.02 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	33.9	28.6	43.0	
169	15.3	11.2	16.8	





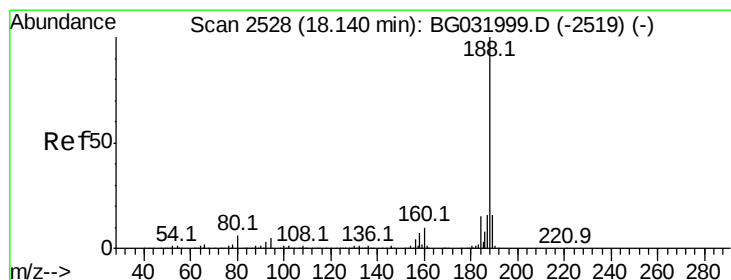
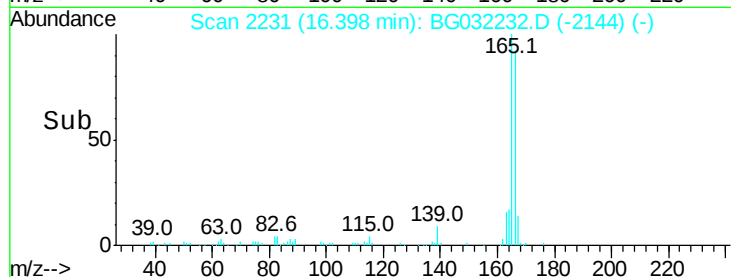
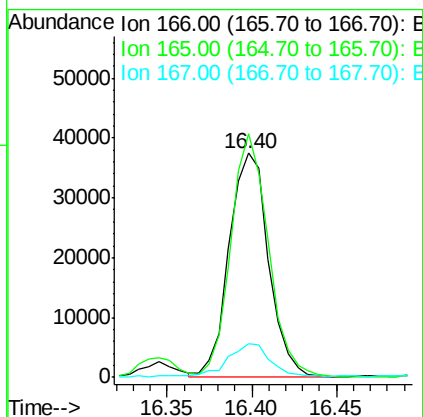
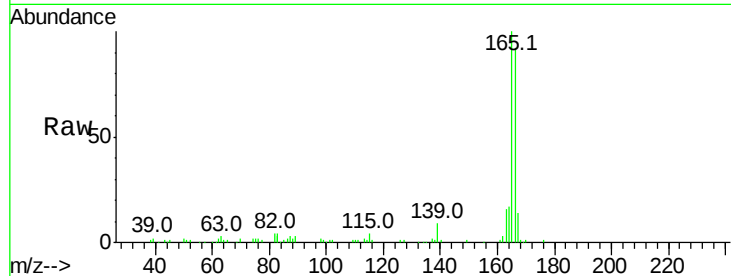
#57
Fluorene
 Concen: 5.392 ng
 RT: 16.40 min Scan# 2231
 Delta R.T. -0.02 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :
 WC-7317-02

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.7	80.6	121.0
167	14.9	10.4	15.6

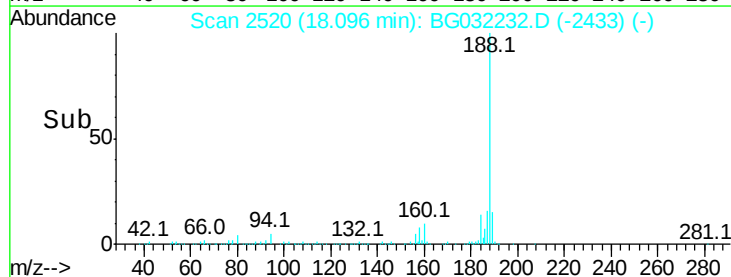
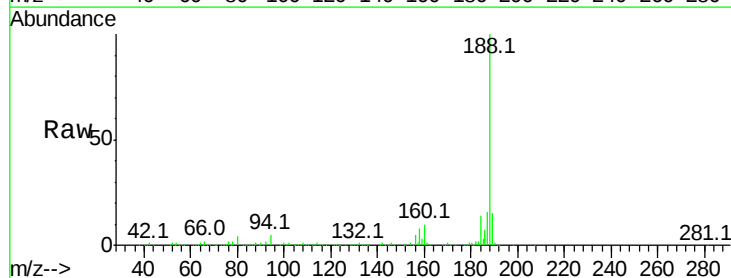
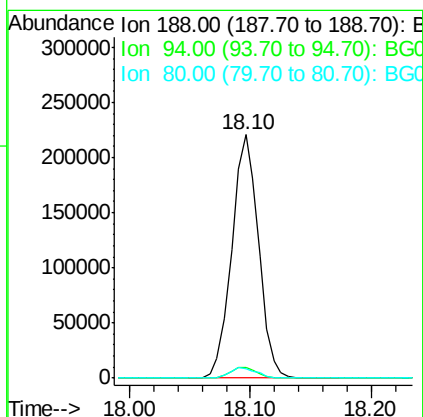
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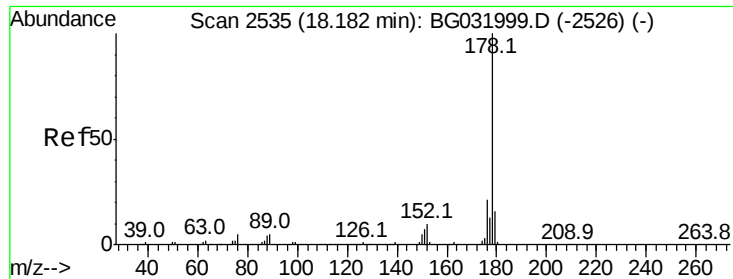
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.10 min Scan# 2520
 Delta R.T. -0.02 min
 Lab File: BG032232.D
 Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.0	7.7	11.5#





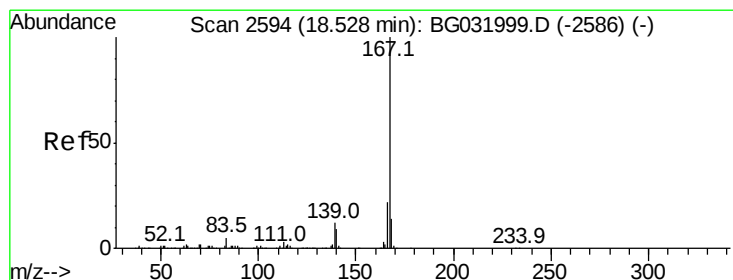
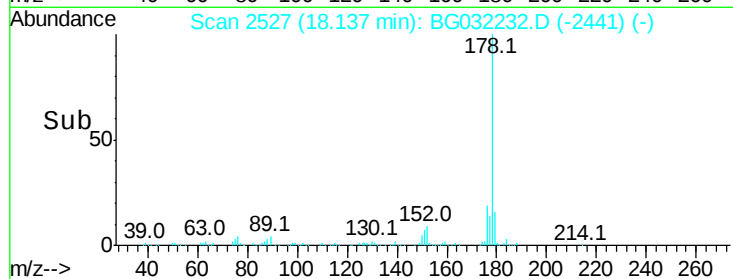
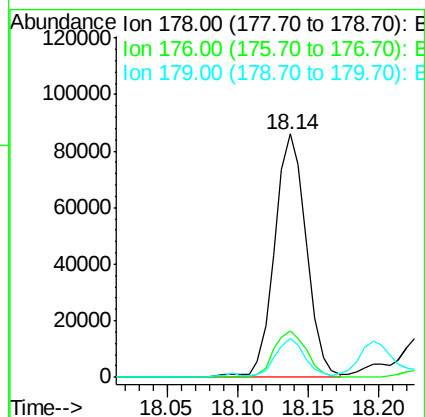
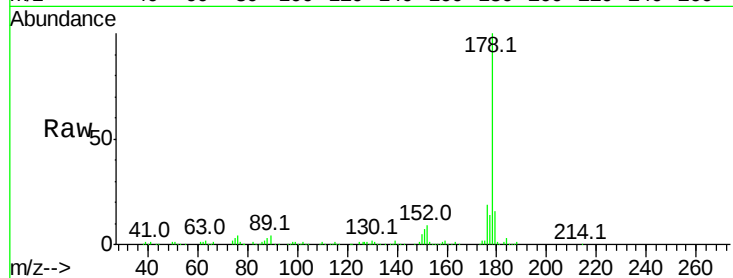
#70
Phenanthrene
Concen: 7.163 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
WC-7317-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.7	12.5	18.7

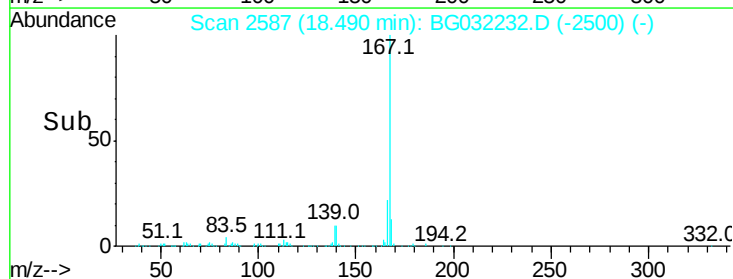
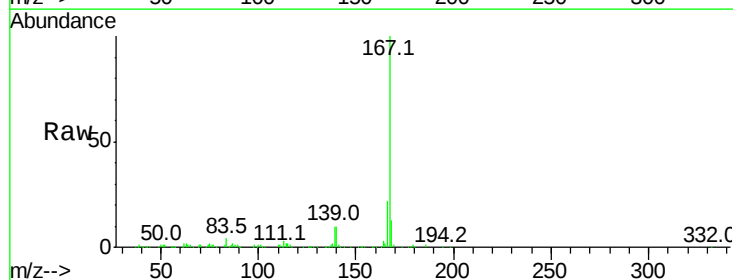
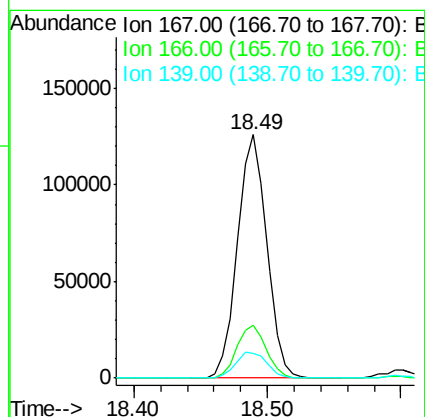
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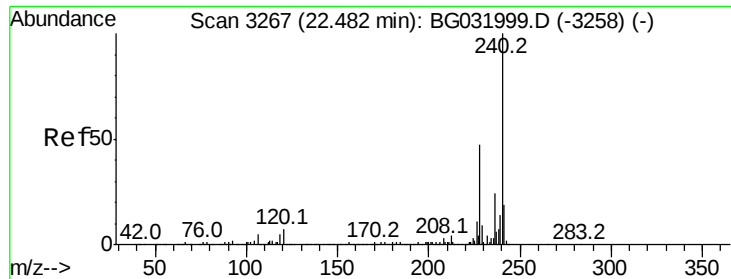
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#72
Carbazole
Concen: 11.737 ng
RT: 18.49 min Scan# 2587
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	10.4	9.4	14.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3257

Delta R.T. -0.02 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Instrument :

BNA_G

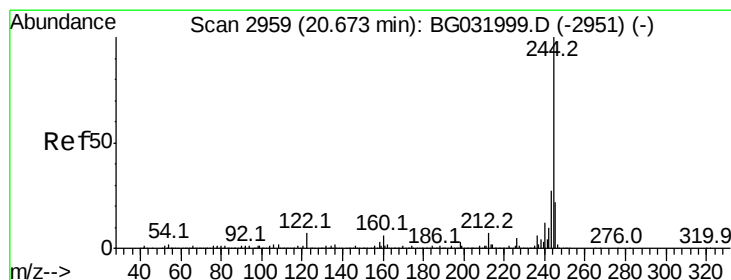
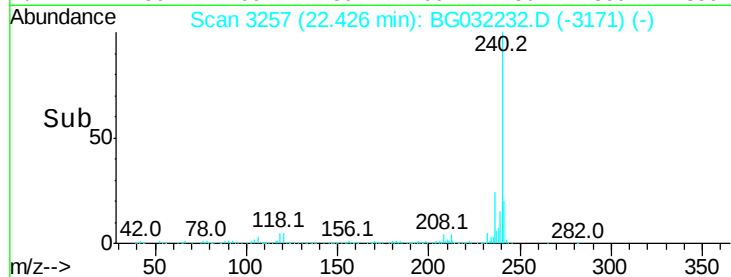
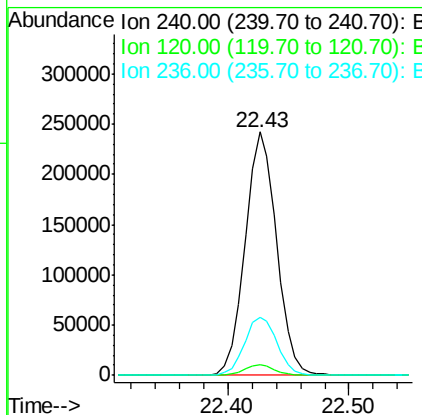
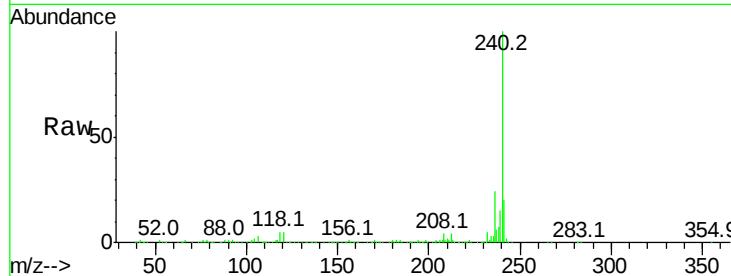
ClientSampleId :

WC-7317-02

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	24.0	20.9	31.3

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#78

Terphenyl-d14

Concen: 93.745 ng

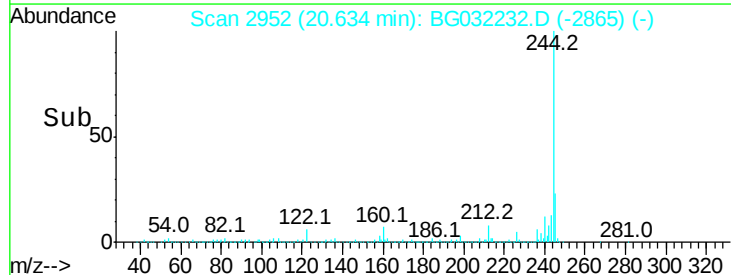
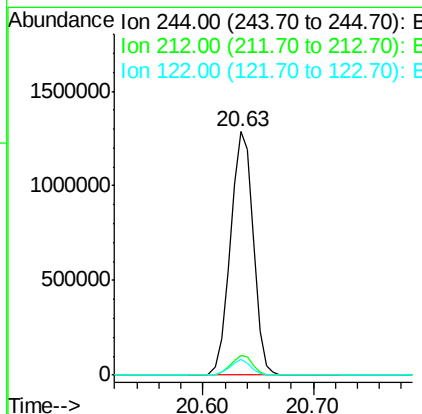
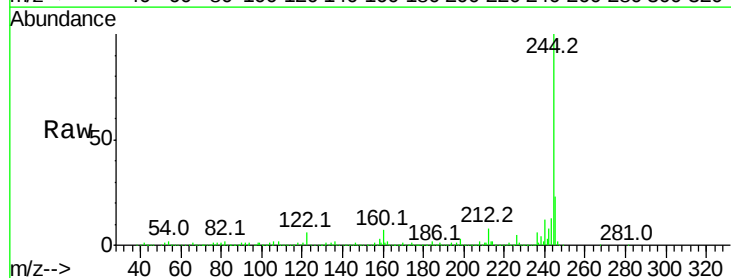
RT: 20.63 min Scan# 2952

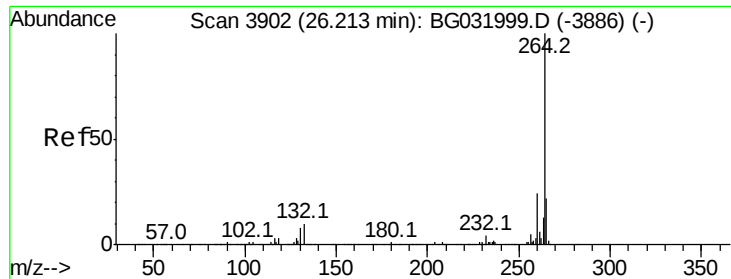
Delta R.T. -0.02 min

Lab File: BG032232.D

Acq: 23 Jan 2018 15:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	6.2	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.12 min Scan# 3886
Delta R.T. -0.03 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
WC-7317-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.2	17.7	26.5

Manual Integrations
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