

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032315.D
 Acq On : 26 Jan 2018 5:24
 Operator : SJ/JU
 Sample : J1267-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IGW-3

Manual Integrations
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Sohil
 1/26/2018 4:04:04 PM

Quant Time: Jan 26 06:20:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	34250	20.00	ng	0.02
21) Naphthalene-d8	11.62	136	134964	20.00	ng	0.02
38) Acenaphthene-d10	15.37	164	99748	20.00	ng	0.01
63) Phenanthrene-d10	18.11	188	284406	20.00	ng	0.01
75) Chrysene-d12	22.44	240	356721	20.00	ng	0.01
86) Perylene-d12	26.14	264	274694	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	207532	110.82	ng	0.02
7) Phenol-d6	7.86	99	245218	103.97	ng	0.02
23) Nitrobenzene-d5	9.94	82	225215	112.89	ng	0.02
41) 2,4,6-Tribromophenol	16.85	330	251257	152.22	ng	0.01
44) 2-Fluorobiphenyl	14.00	172	828059	102.93	ng	0.01
78) Terphenyl-d14	20.64	244	1380757	85.47	ng	0.00
Target Compounds						
31) Naphthalene	11.68	128	16694	2.497	ng	Qvalue # 94
32) Benzoic acid	10.80	122	3884m	7.560	ng	
37) 2-Methylnaphthalene	13.23	142	14381	2.709	ng	94
49) Dimethylphthalate	14.80	163	19634	2.249	ng	# 95

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

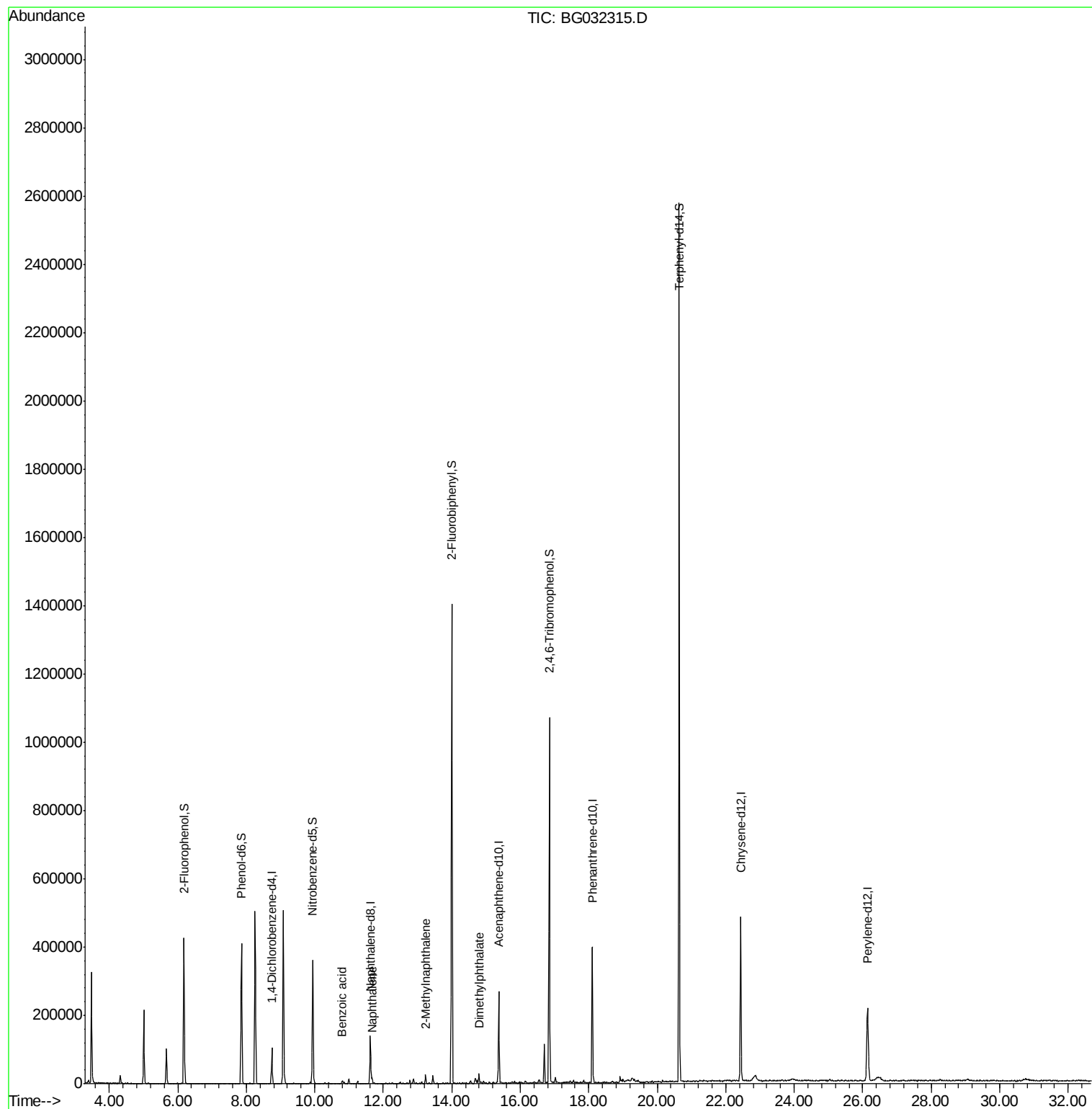
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032315.D
Acq On : 26 Jan 2018 5:24
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Sample : J1267-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

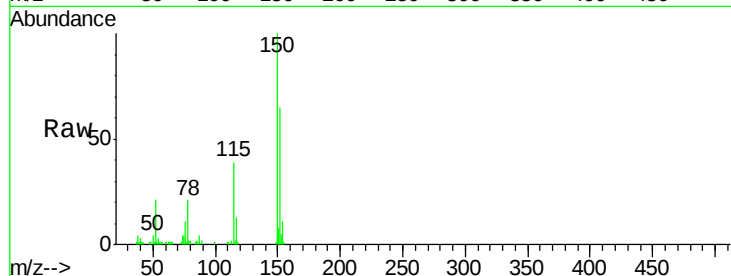
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.02 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Instrument :
BNA_G
ClientSampled :
IGW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	60.8	53.0	79.4

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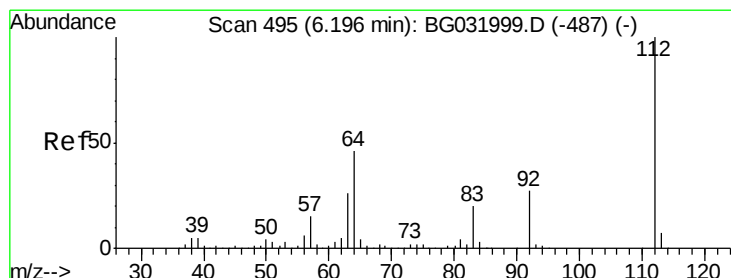
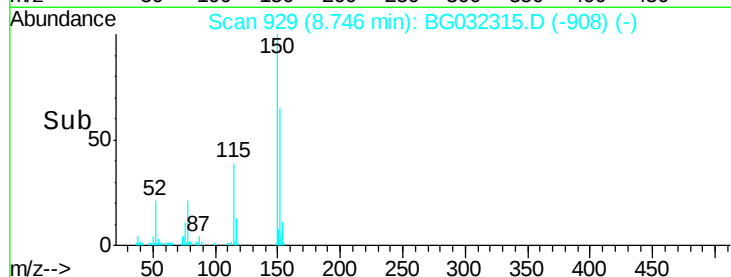
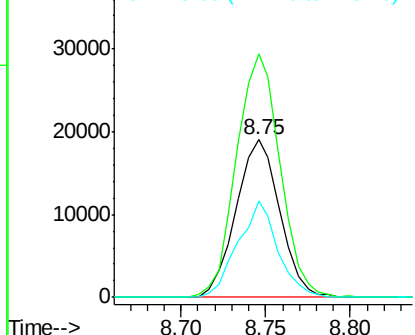


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

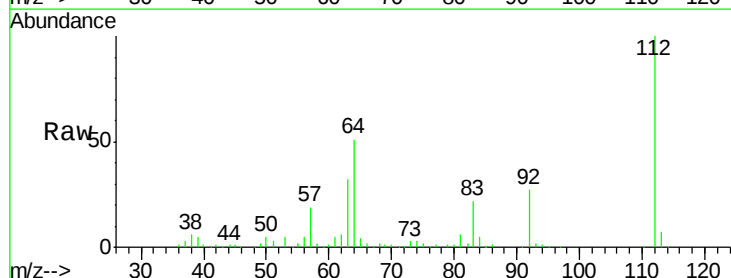
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.821 ng
RT: 6.18 min Scan# 492
Delta R.T. 0.02 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	56.3	84.5#
63	31.9	30.1	45.1

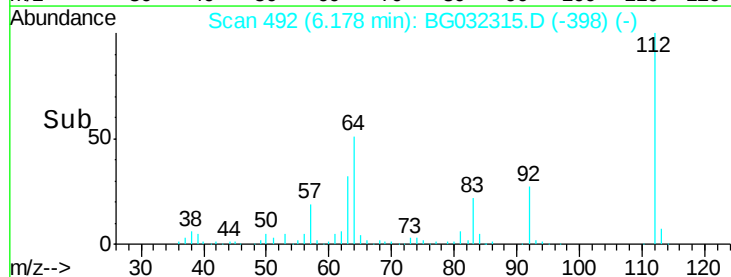
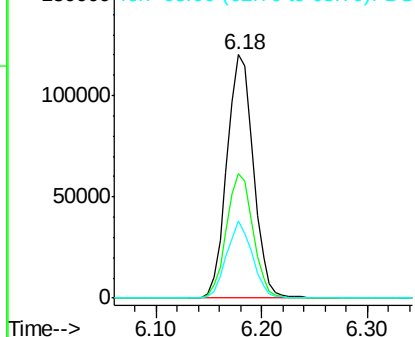


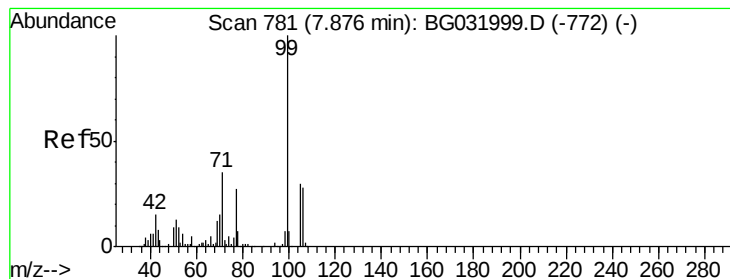
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.971 ng

RT: 7.86 min Scan# 778

Delta R.T. 0.02 min

Lab File: BG032315.D

Acq: 26 Jan 2018 5:24

Instrument :

BNA_G

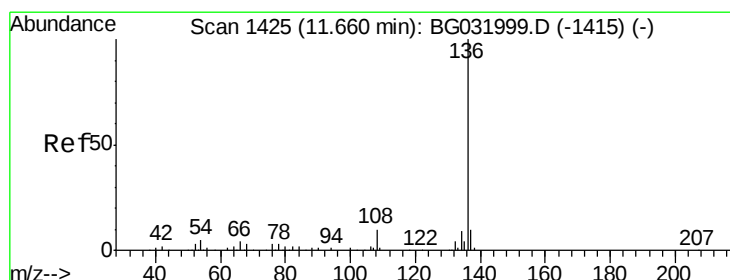
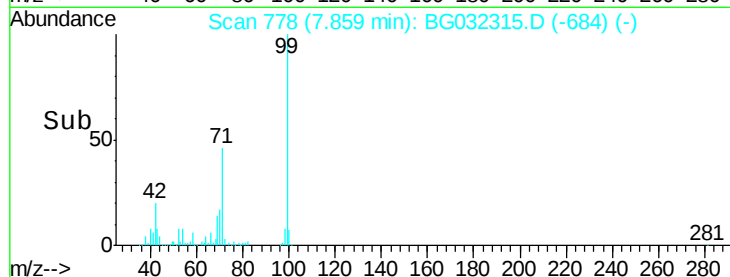
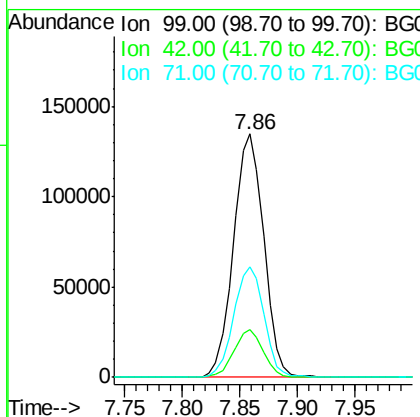
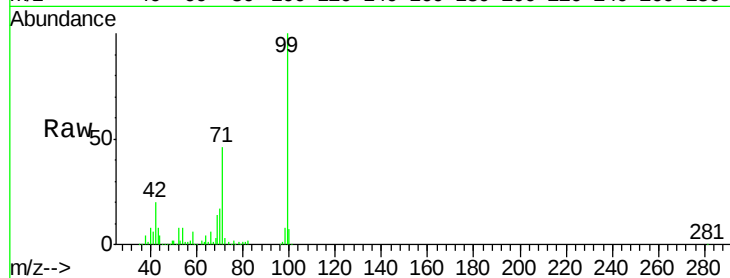
ClientSampleId :

IGW-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		245218		
42	19.8	14.1	21.1		
71	45.5	26.1	39.1#		

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#21

Naphthalene-d8

Concen: 20.000 ng

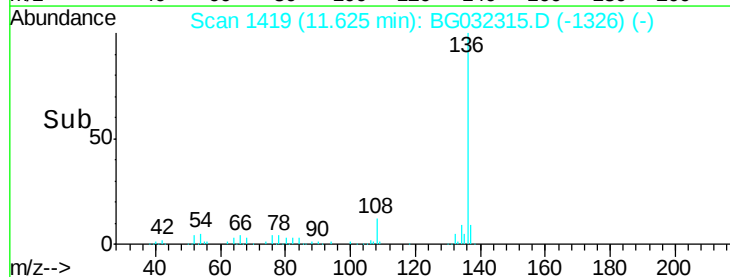
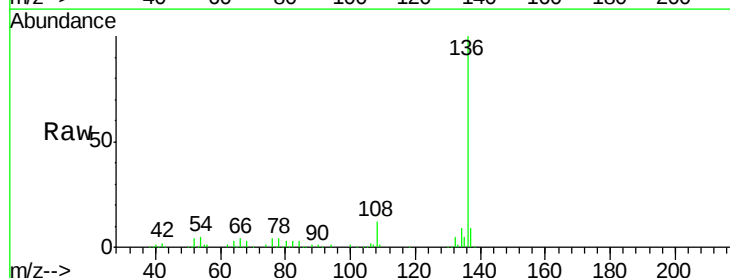
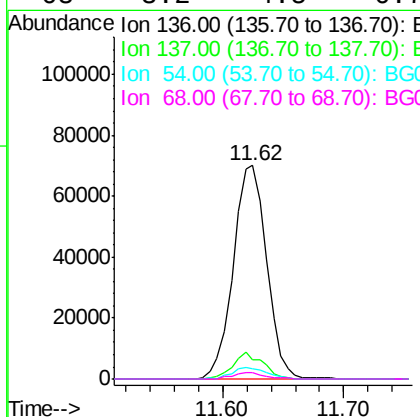
RT: 11.62 min Scan# 1419

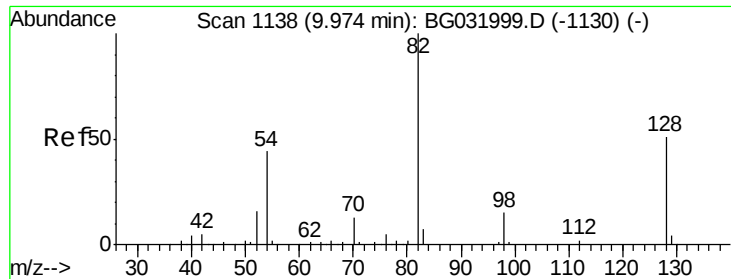
Delta R.T. 0.02 min

Lab File: BG032315.D

Acq: 26 Jan 2018 5:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		134964		
137	9.1	9.2	13.8#		
54	4.8	10.3	15.5#		
68	3.2	4.5	6.7#		





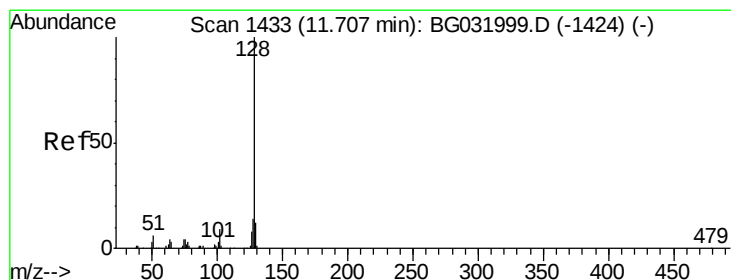
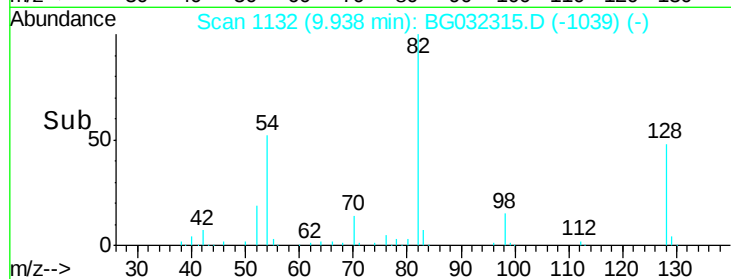
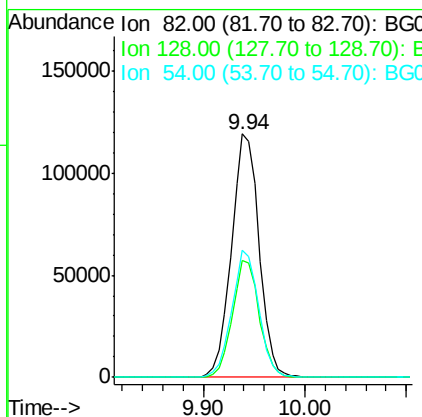
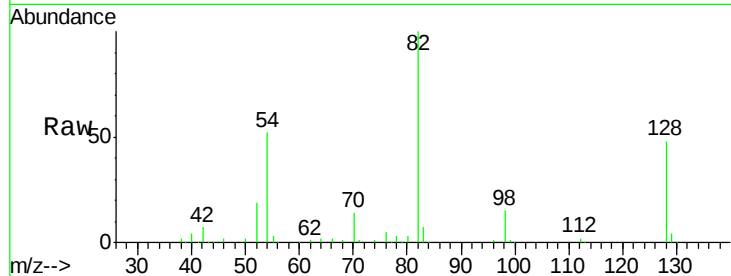
#23
 Nitrobenzene-d5
 Concen: 112.895 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BG032315.D
 Acq: 26 Jan 2018 5:24

Instrument :
 BNA_G
 ClientSampleId :
 IGW-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	29.7	44.5#	
54	52.1	43.1	64.7	

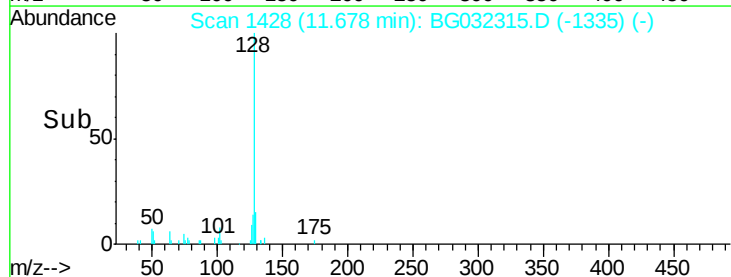
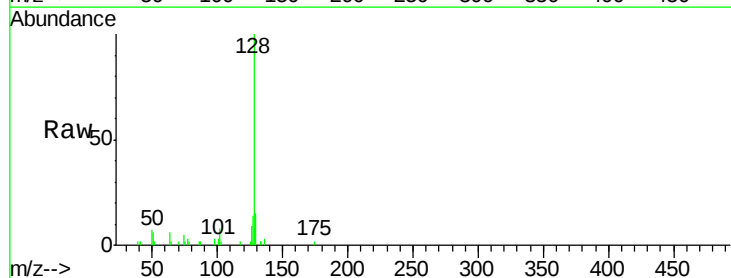
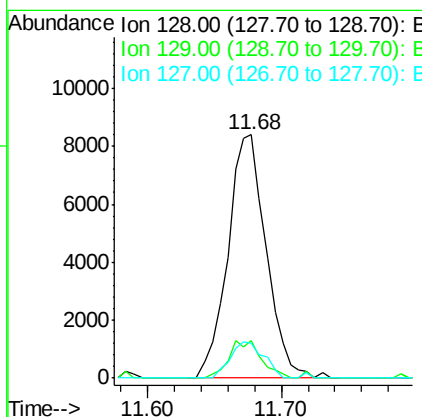
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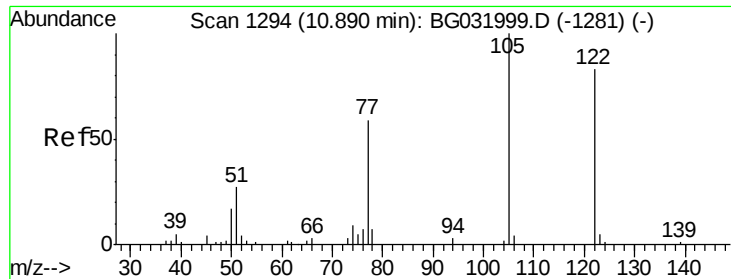
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#31
 Naphthalene
 Concen: 2.497 ng
 RT: 11.68 min Scan# 1428
 Delta R.T. 0.02 min
 Lab File: BG032315.D
 Acq: 26 Jan 2018 5:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	15.4	8.6	12.8#	
127	14.3	11.6	17.4	





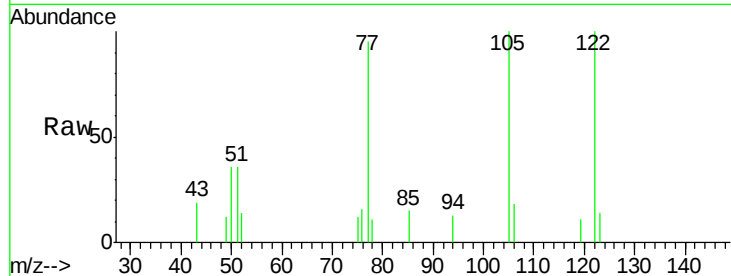
#32
Benzoic acid
Concen: 7.560 ng/ml
RT: 10.80 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Instrument :
BNA_G
ClientSampled :
IGW-3

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
105	100.4	123.5	163.5	
77	95.0	85.7	125.7	

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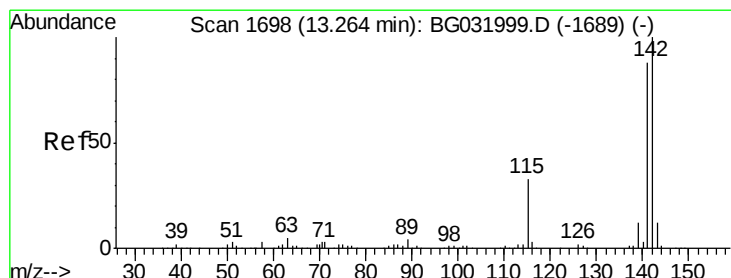
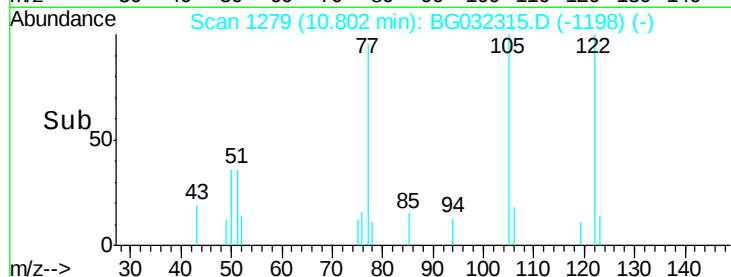
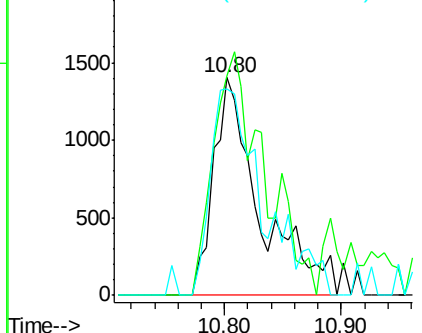


Abundance

Ion 122.00 (121.70 to 122.70): E

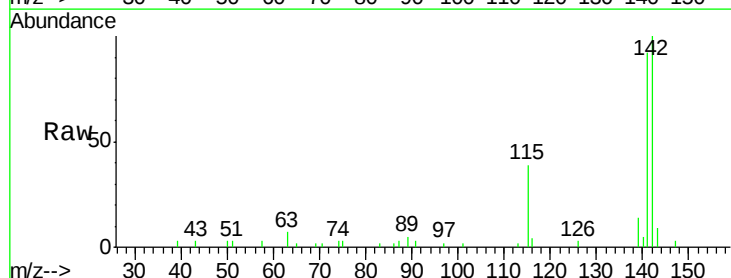
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#37
2-Methylnaphthalene
Concen: 2.709 ng
RT: 13.23 min Scan# 1693
Delta R.T. 0.01 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	91.6	67.1	100.7	
115	38.7	30.7	46.1	

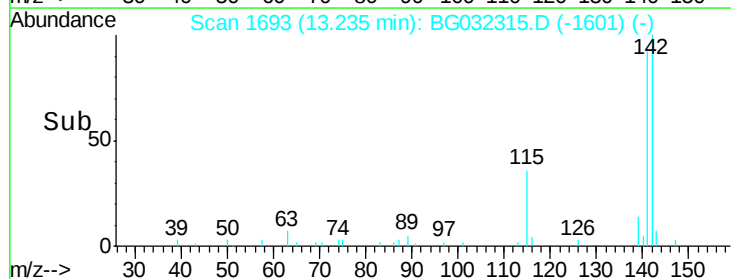
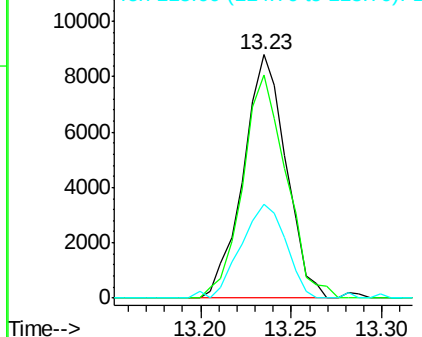


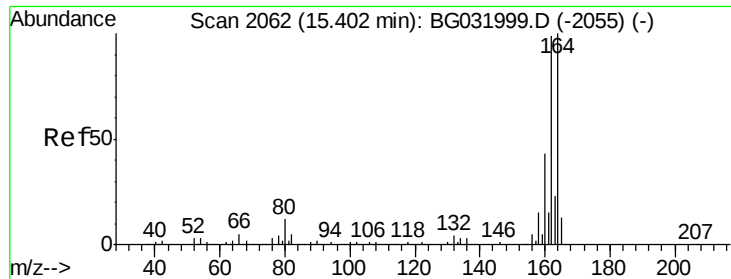
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





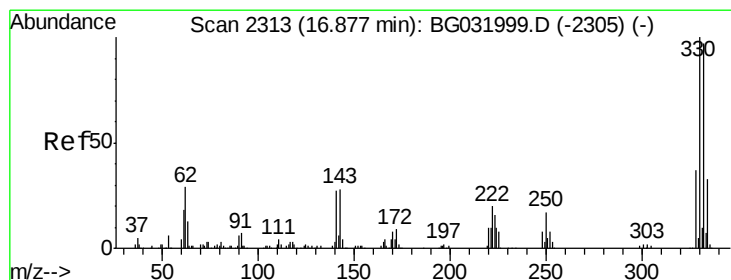
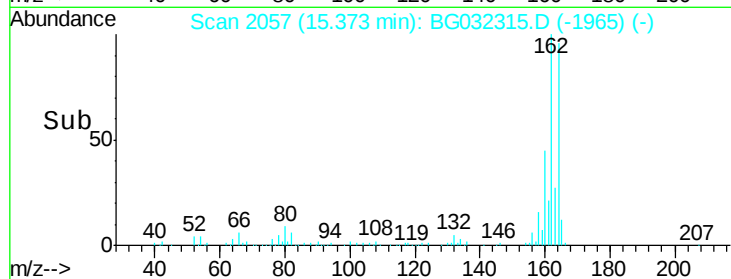
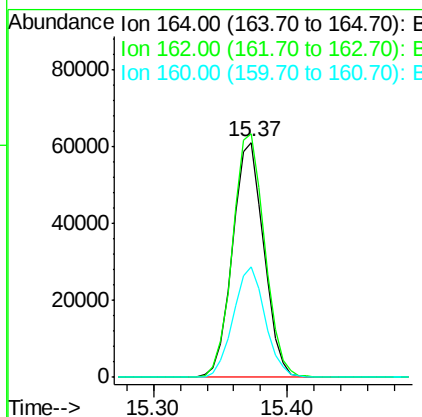
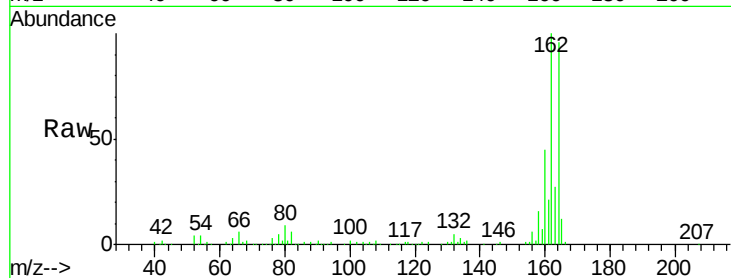
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Instrument :
BNA_G
ClientSampleId :
IGW-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	46.8	35.4	53.0

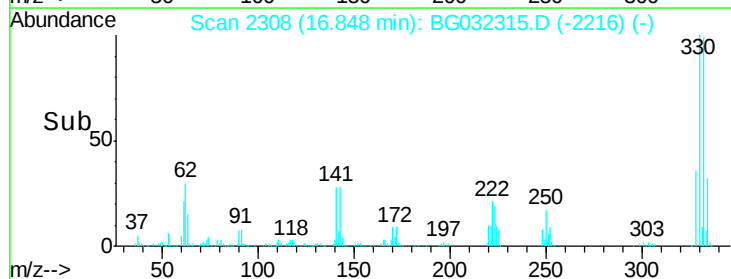
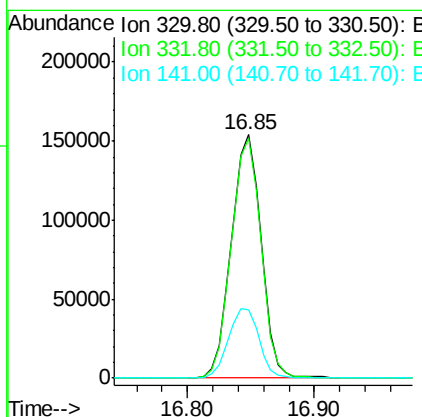
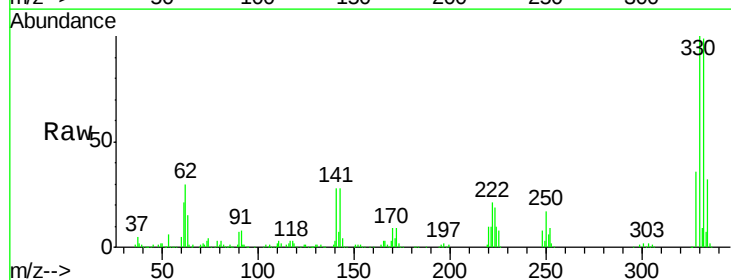
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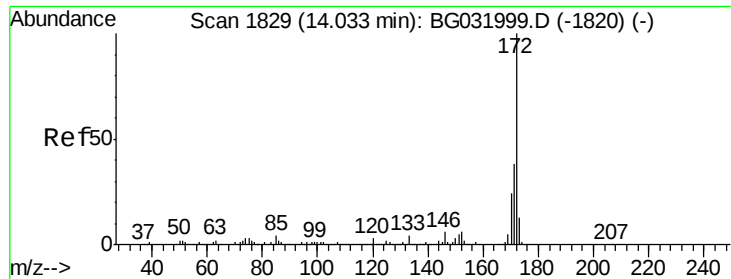
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#41
2,4,6-Tribromophenol
Concen: 152.222 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.1	25.2	37.8





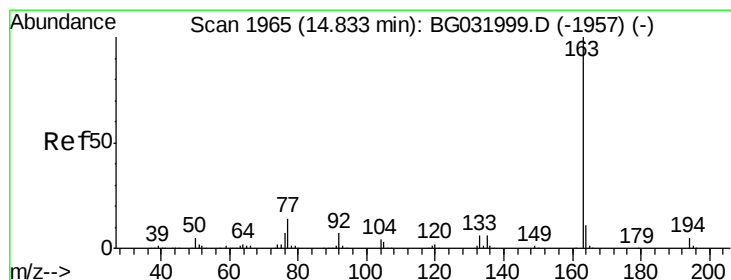
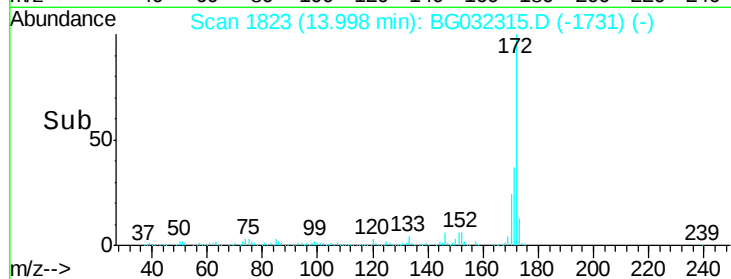
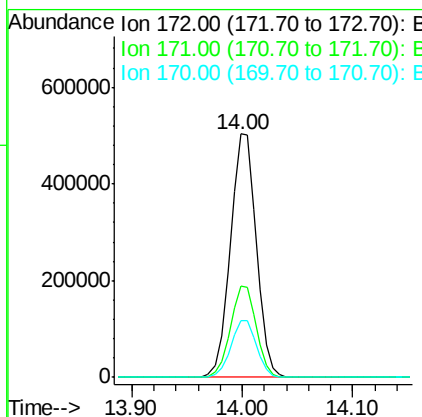
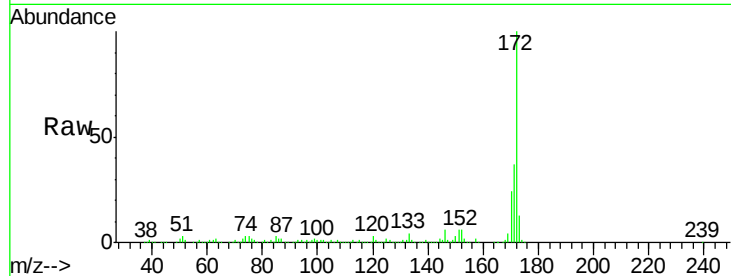
#44
2-Fluorobiphenyl
Concen: 102.935 ng
RT: 14.00 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Instrument :
BNA_G
ClientSampleId :
IGW-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.5	19.5	29.3

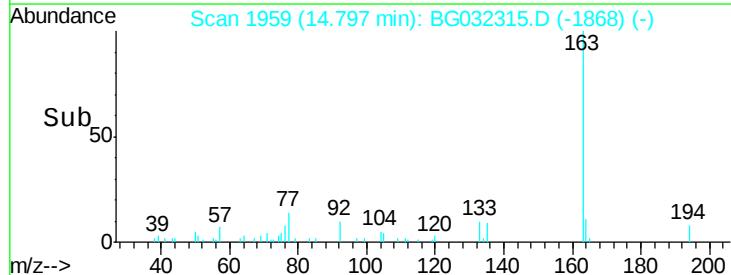
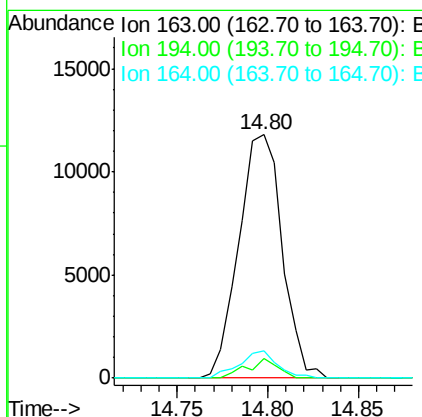
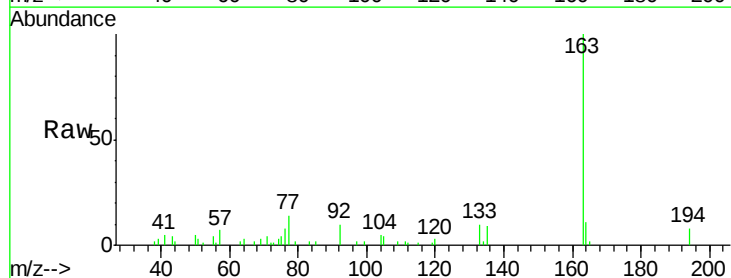
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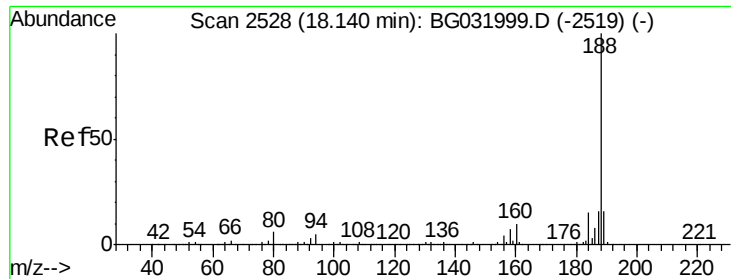
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#49
Dimethylphthalate
Concen: 2.249 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.9	3.4	5.2#
164	11.4	8.2	12.4





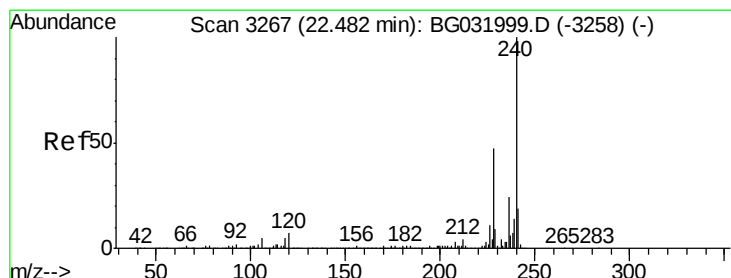
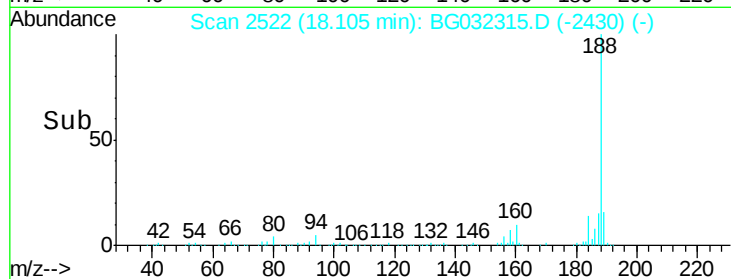
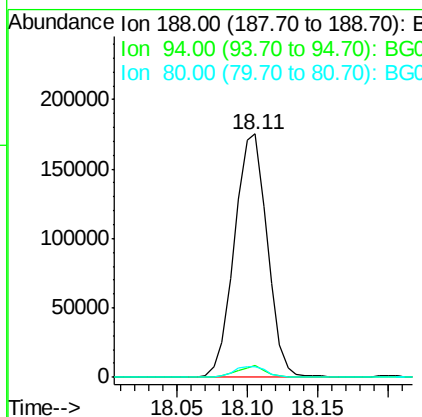
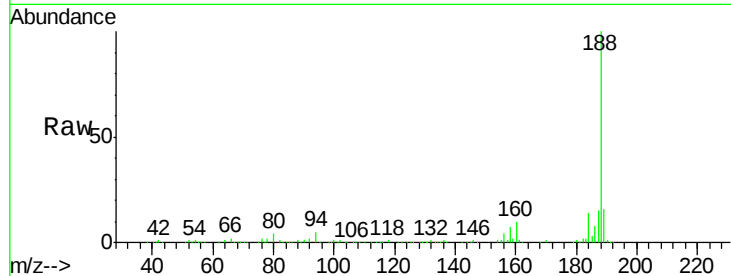
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Instrument :
BNA_G
ClientSampleId :
IGW-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.1	7.7	11.5#

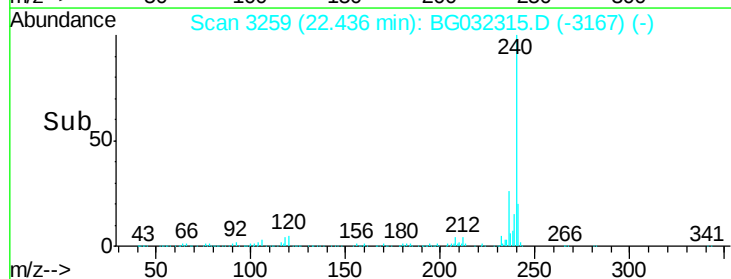
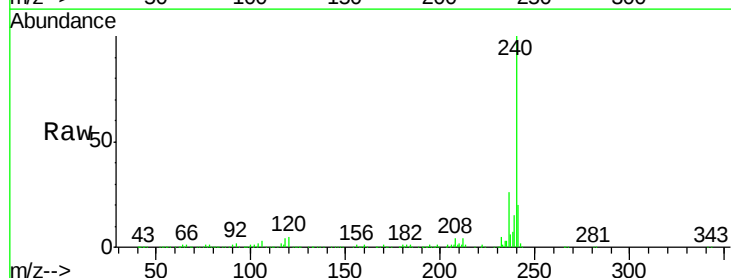
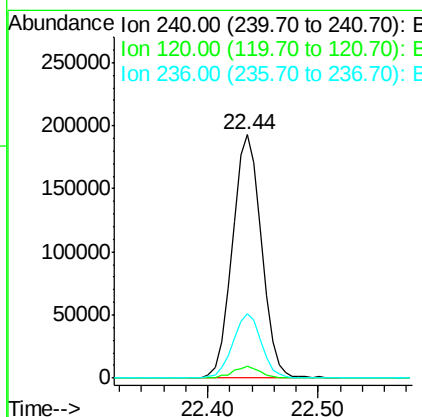
Manual Integrations
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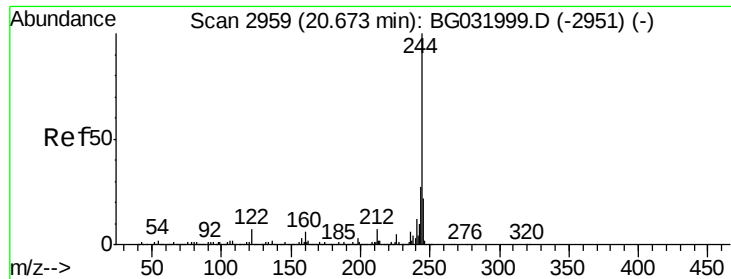
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3259
Delta R.T. 0.01 min
Lab File: BG032315.D
Acq: 26 Jan 2018 5:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	26.3	20.9	31.3





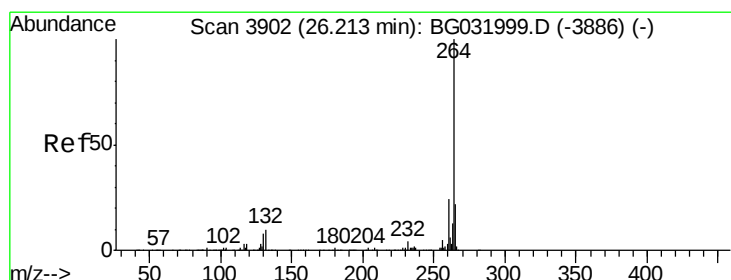
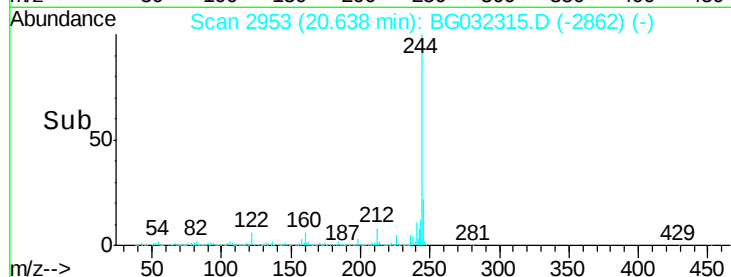
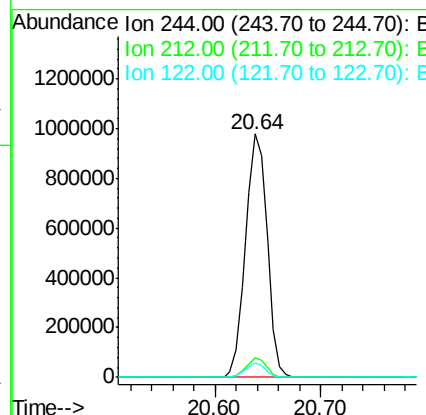
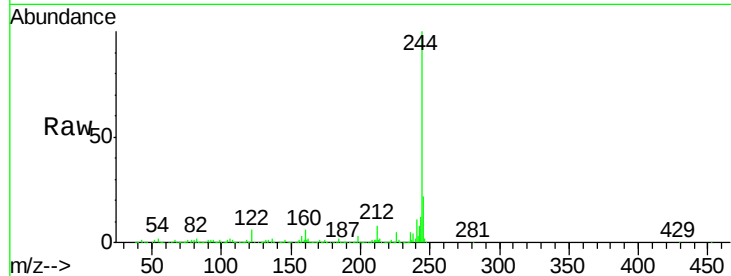
#78
 Terphenyl-d14
 Concen: 85.467 ng
 RT: 20.64 min Scan# 2953
 Delta R.T. 0.00 min
 Lab File: BG032315.D
 Acq: 26 Jan 2018 5:24

Instrument :
 BNA_G
 ClientSampleId :
 IGW-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.7	7.0	10.4

Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:04:04 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.14 min Scan# 3890
 Delta R.T. 0.03 min
 Lab File: BG032315.D
 Acq: 26 Jan 2018 5:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	19.1	17.7	26.5

