

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100219\
 Data File : BG042990.D
 Acq On : 2 Oct 2019 18:27
 Operator : JU
 Sample : K5154-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

Manual Integrations
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mohammad
 10/4/2019 8:17:52 AM

Quant Time: Oct 22 05:38:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	74554	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	270596	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	190402	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	431293	20.00	ng	0.00
76) Chrysene-d12	21.70	240	457869	20.00	ng	-0.02
87) Perylene-d12	24.92	264	535028	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	377356	90.33	ng	0.00
7) Phenol-d6	7.24	99	376875	62.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	475907	85.48	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	442283	135.09	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1190372	90.63	ng	-0.01
79) Terphenyl-d14	20.04	244	2081582	96.87	ng	0.00
Target Compounds						
35) Caprolactam	11.77	113	8905m	5.849	ng	Qvalue
50) Dimethylphthalate	14.13	163	84575	5.928	ng	# 97

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

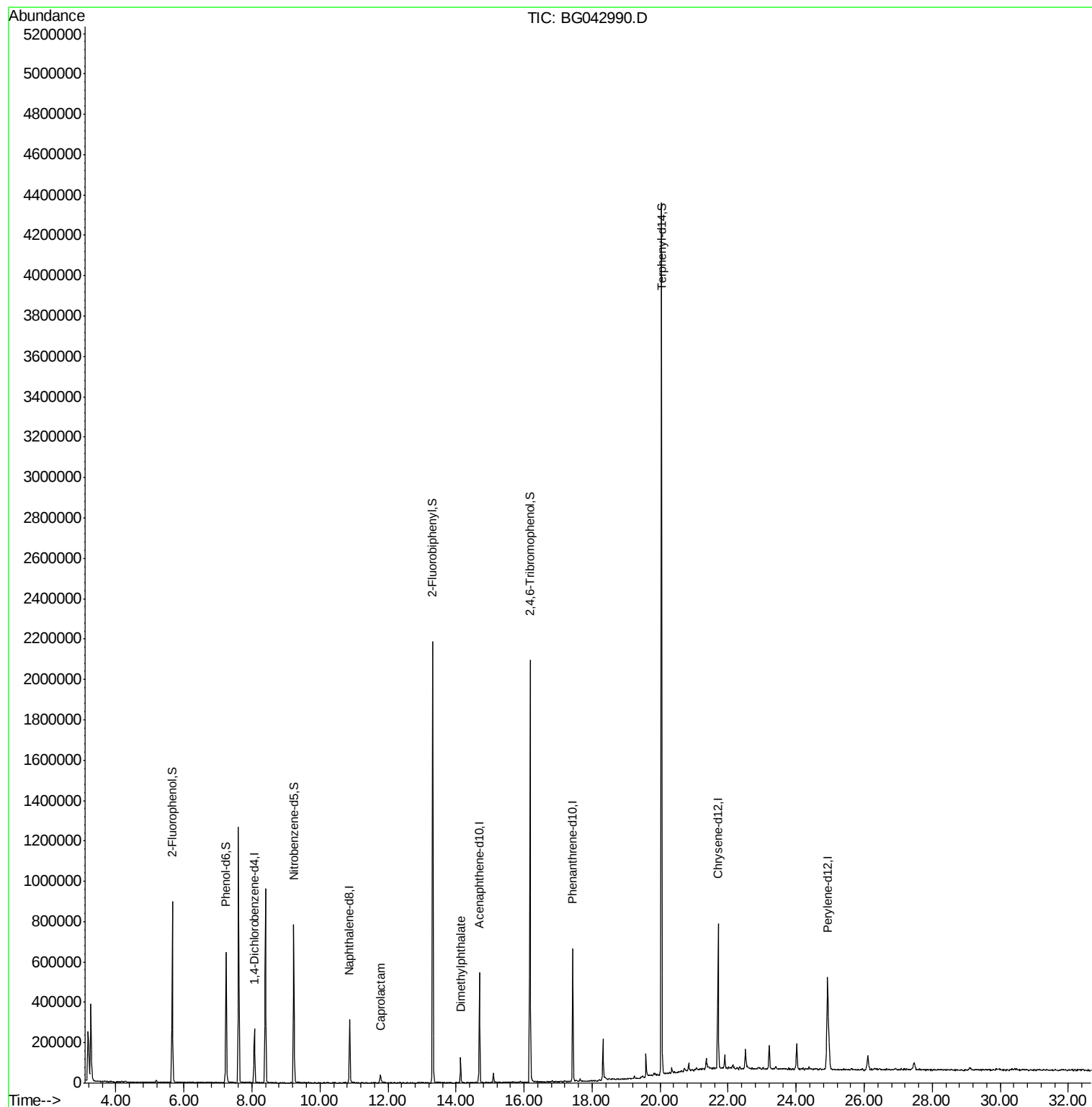
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100219\
Data File : BG042990.D
Acq On : 2 Oct 2019 18:27
Operator : JU
Sample : K5154-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

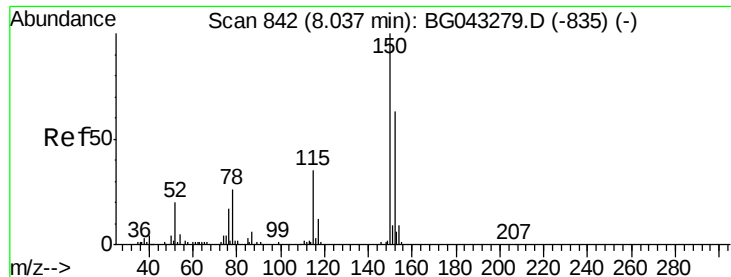
Instrument :
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#1

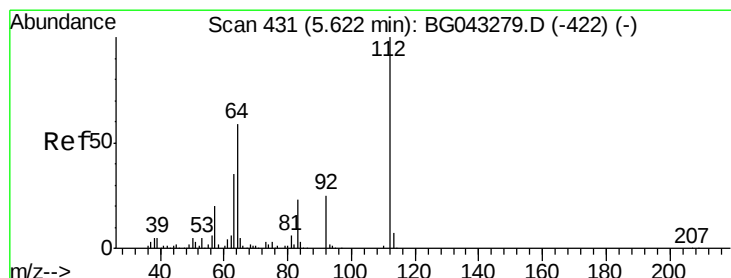
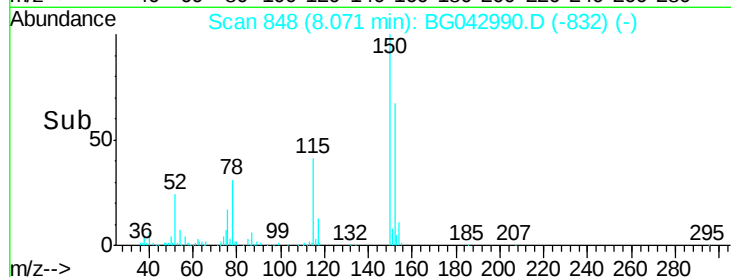
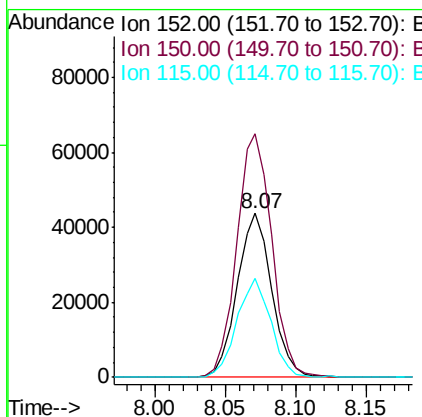
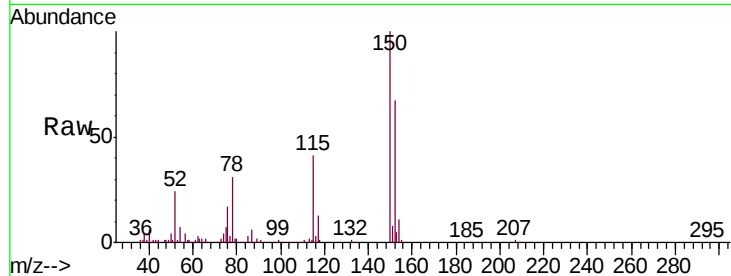
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.4
115	60.6	47.0	70.6

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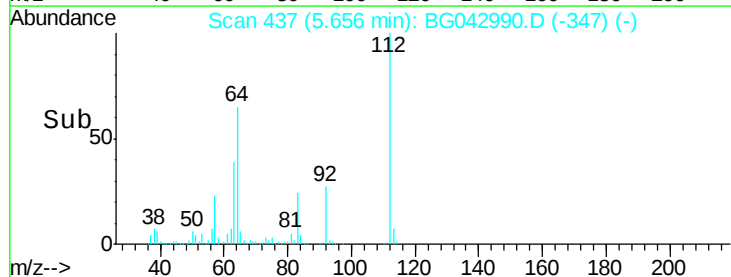
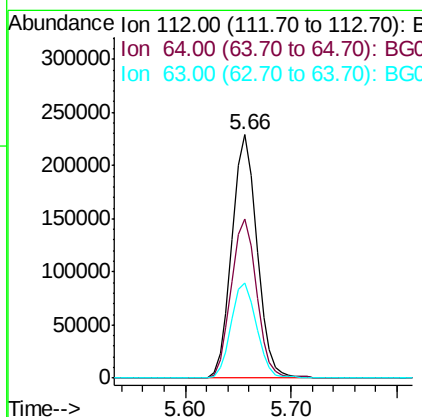
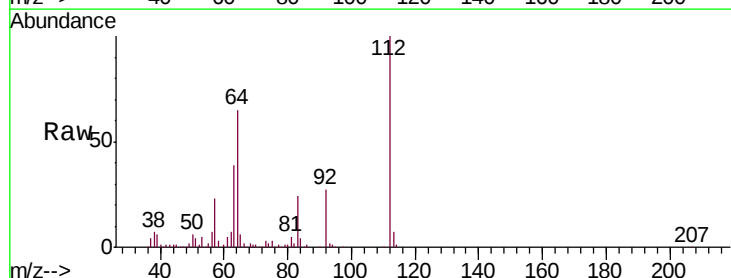
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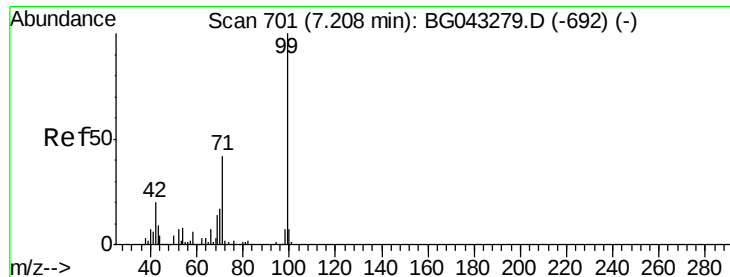


#5

2-Fluorophenol
Concen: 90.329 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	56.6	84.8
63	38.9	35.1	52.7





#7

Phenol-d6

Concen: 62.646 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042990.D

Acq: 2 Oct 2019 18:27

Instrument :

BNA_G

ClientSampled :

MW-106S

Tgt Ion: 99 Resp: 376875

Ion Ratio Lower Upper

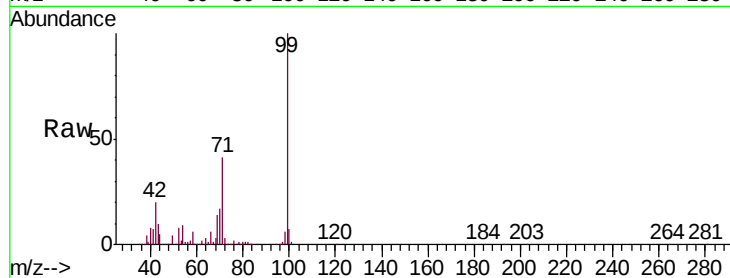
99 100

42 19.7 17.2 25.8

71 41.3 33.1 49.7

Manual Integrations
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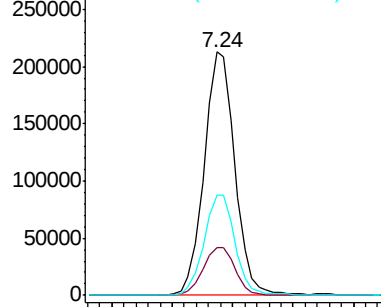
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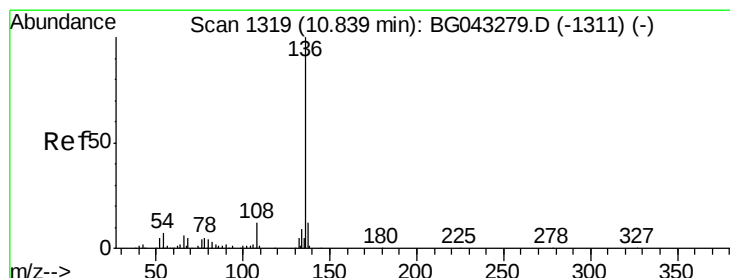
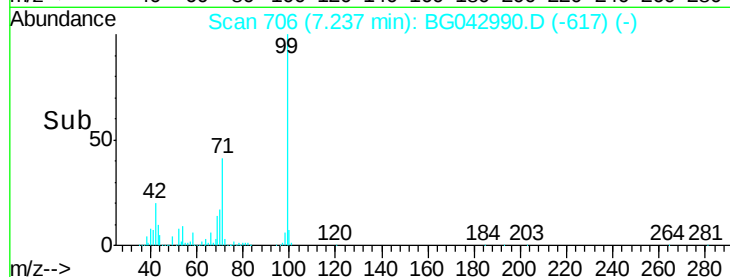
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042990.D

Acq: 2 Oct 2019 18:27

Tgt Ion: 136 Resp: 270596

Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.5 7.4 11.2

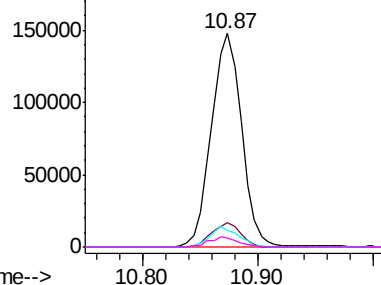
68 4.5 3.6 5.4

Abundance Ion 136.00 (135.70 to 136.70): BGC

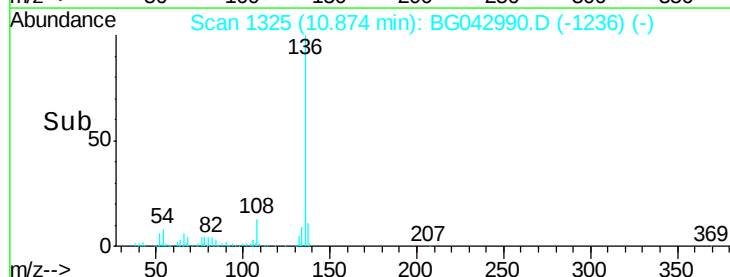
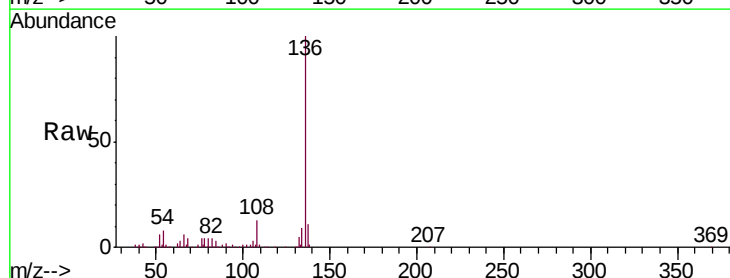
Ion 137.00 (136.70 to 137.70): BGC

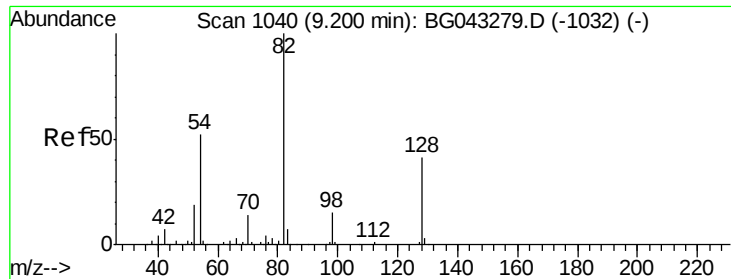
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->





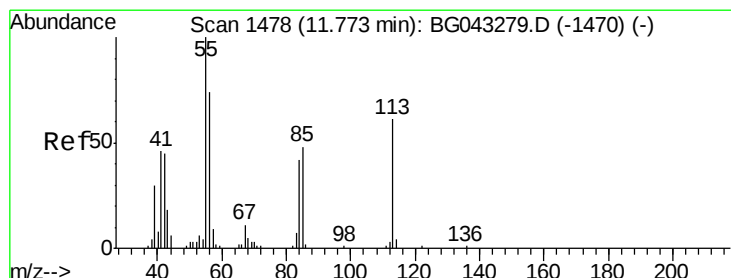
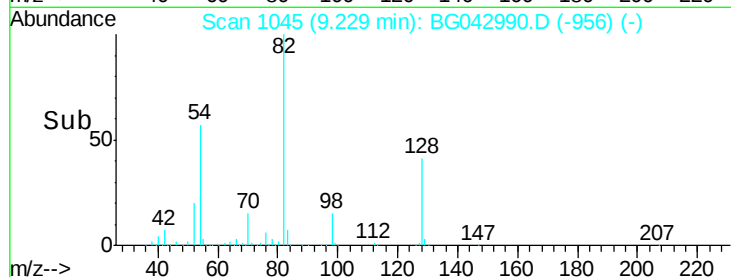
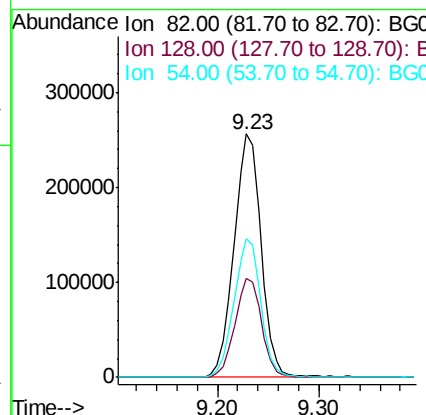
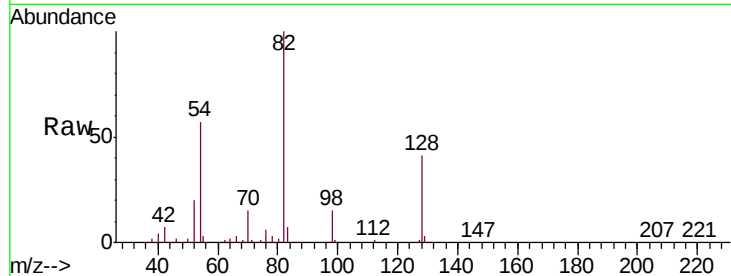
#23
 Nitrobenzene-d5
 Concen: 85.484 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042990.D
 Acq: 2 Oct 2019 18:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.5	44.3
54	56.8	44.6	67.0

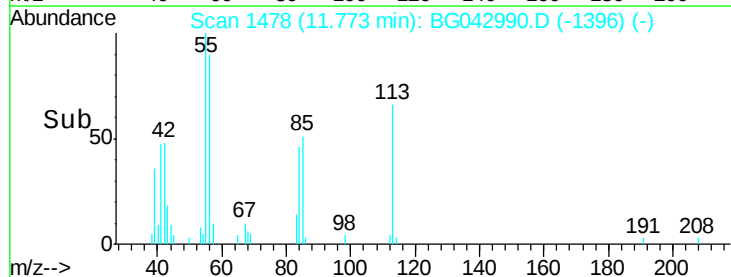
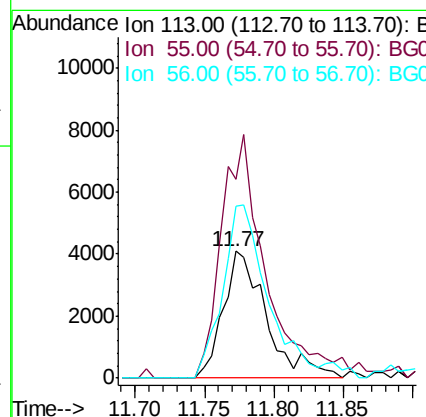
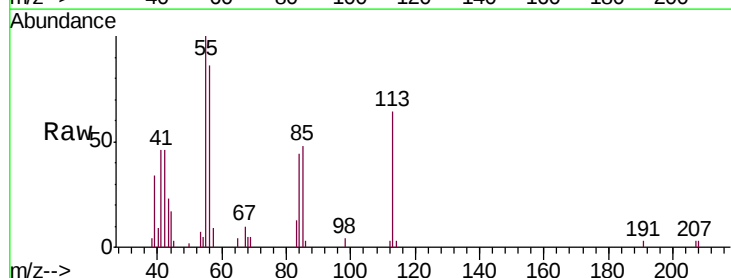
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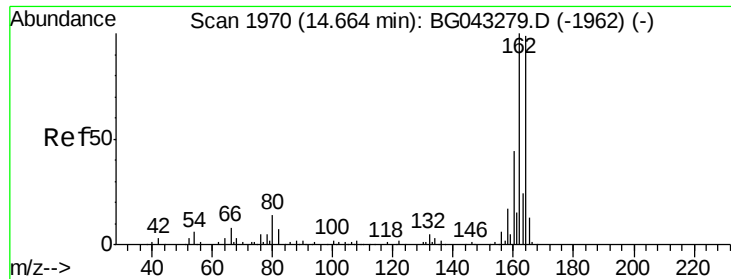
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#35
 Caprolactam
 Concen: 5.849 ng m
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.05 min
 Lab File: BG042990.D
 Acq: 2 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
113	100		
55	157.2	175.5	215.5#
56	135.9	142.3	182.3#





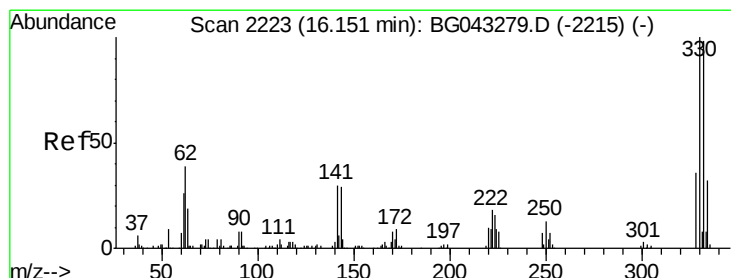
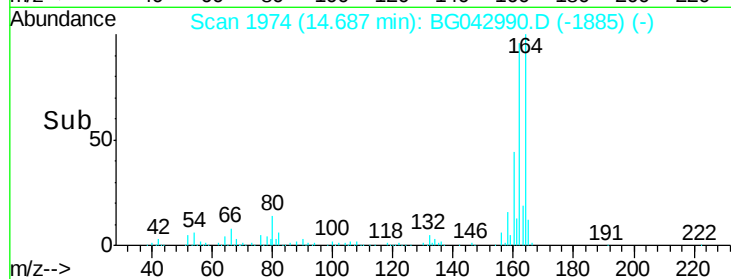
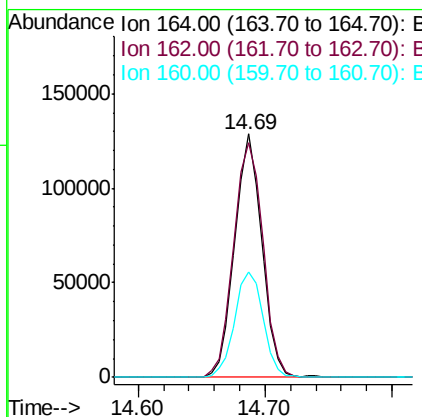
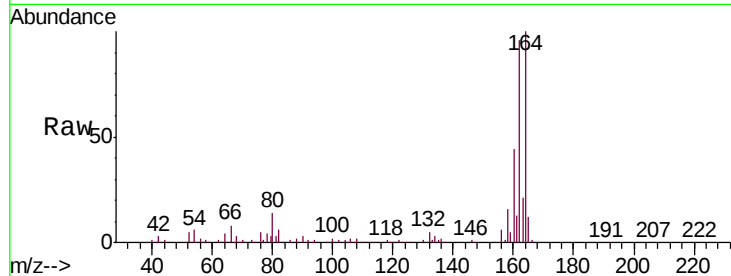
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	190402		
162	96.2	78.5	117.7	
160	43.5	35.9	53.9	

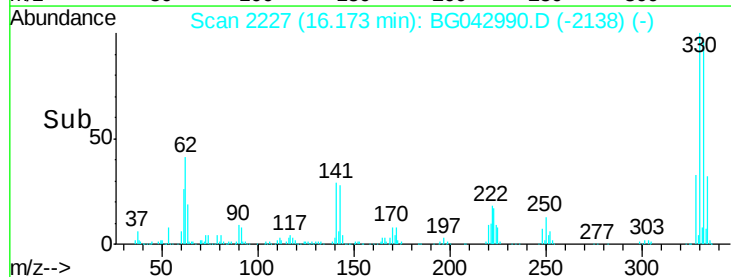
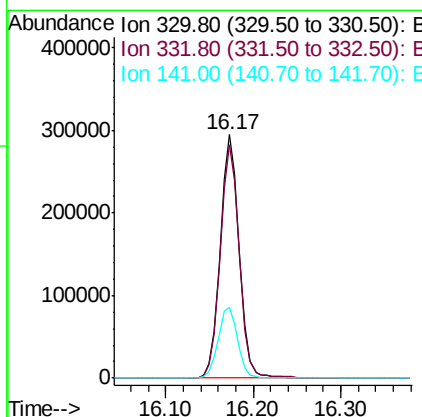
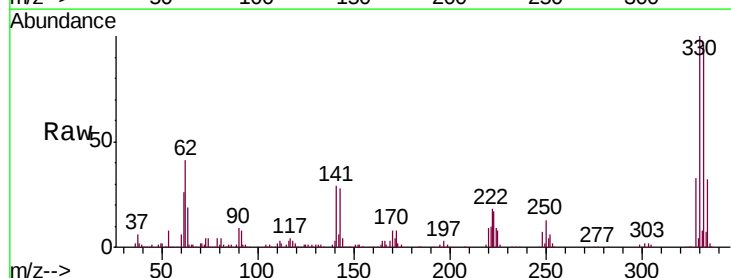
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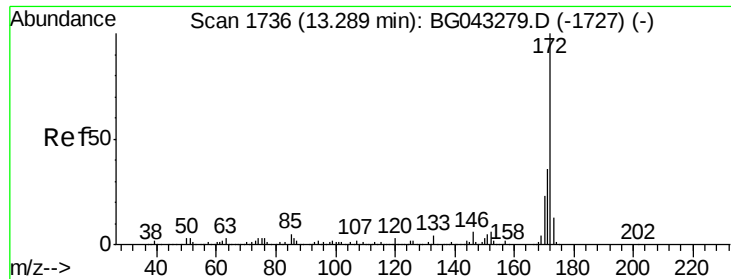
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#42
2,4,6-Tribromophenol
Concen: 135.086 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	442283		
332	96.4	78.2	117.2	
141	30.0	26.0	39.0	





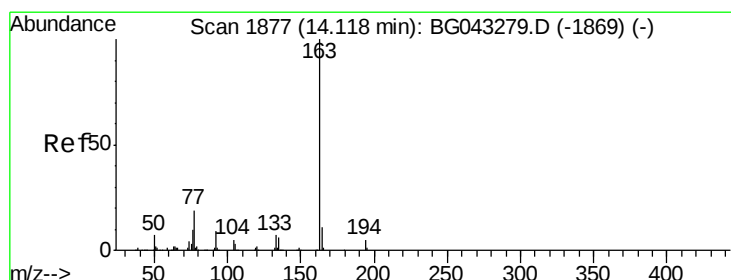
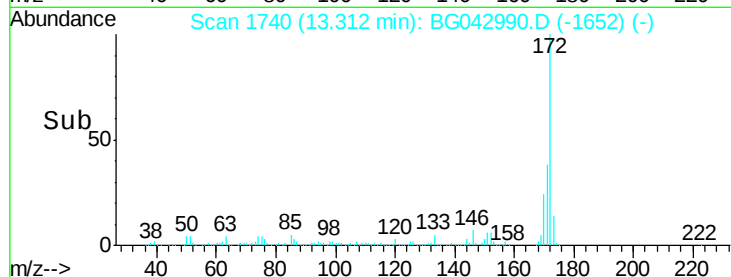
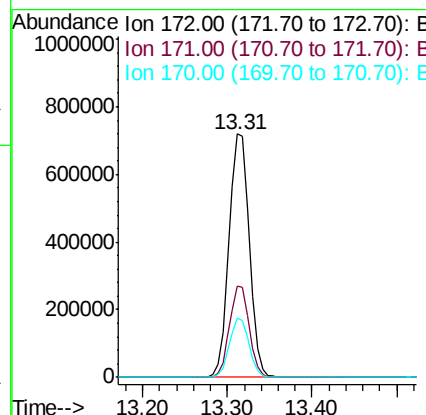
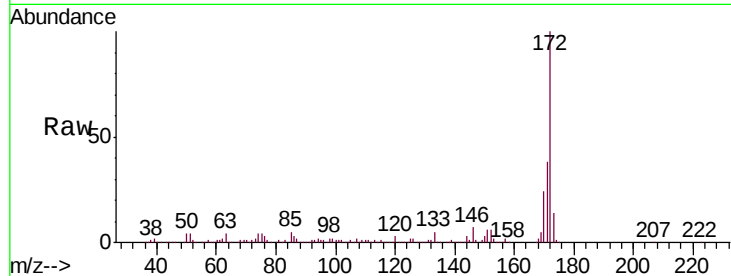
#45
2-Fluorobiphenyl
Concen: 90.633 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt Ion:172 Resp: 1190372
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.2 19.6 29.4

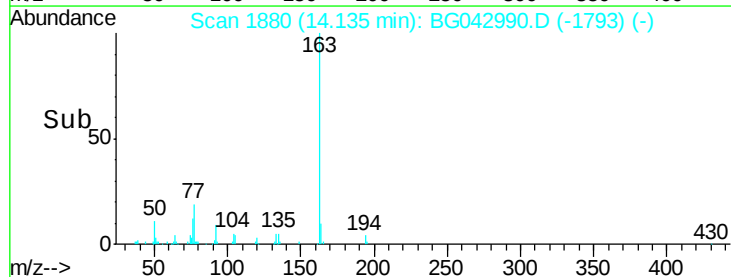
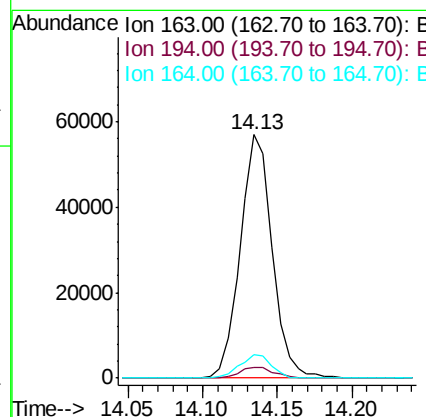
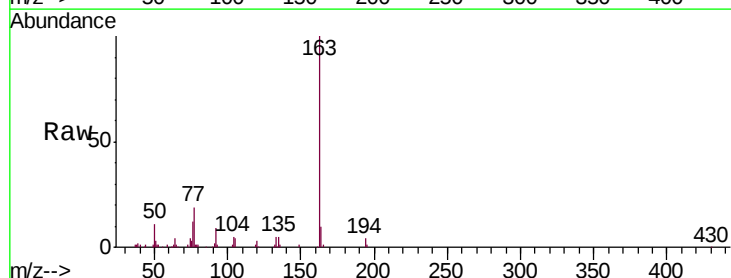
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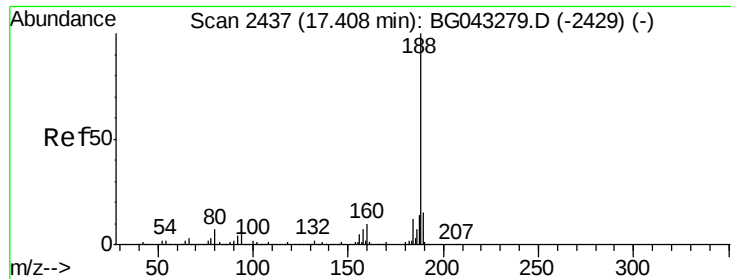
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#50
Dimethylphthalate
Concen: 5.928 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt Ion:163 Resp: 84575
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.6 8.6 12.8





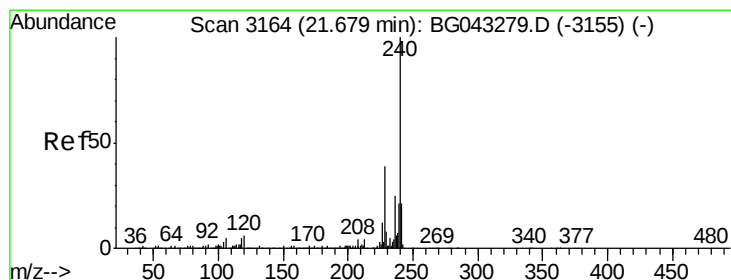
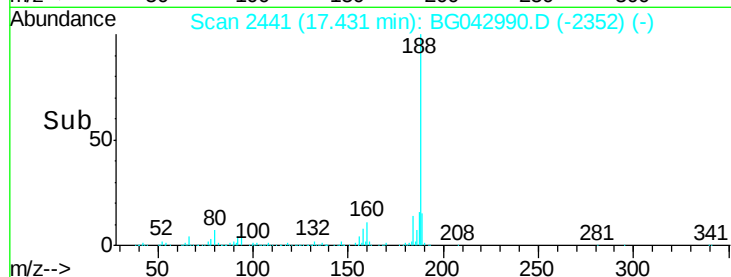
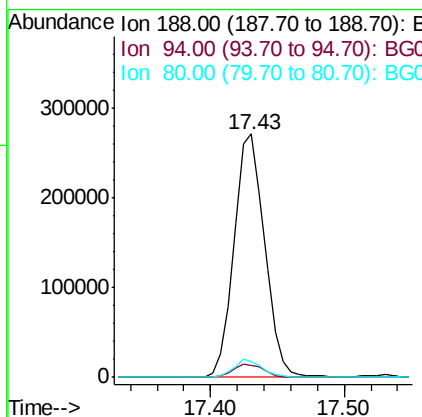
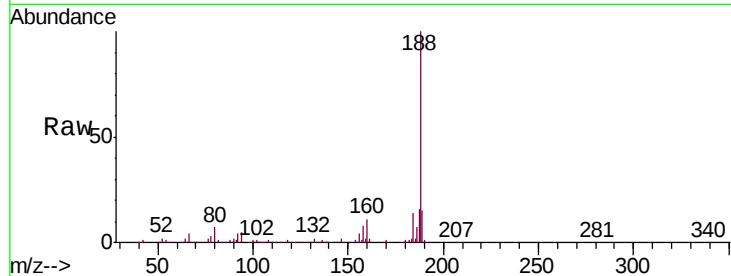
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Instrument :
BNA_G
ClientSampleId :
MW-106S

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		431293		
94	5.1	5.7	8.5#		
80	6.7	6.5	9.7		

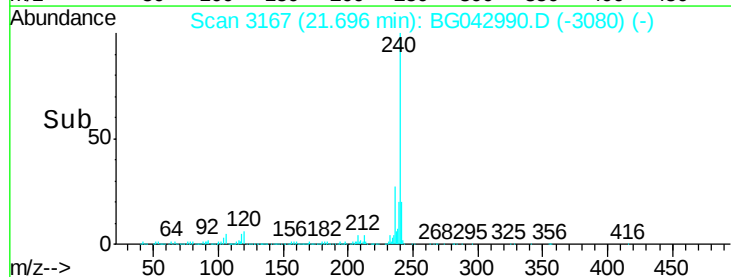
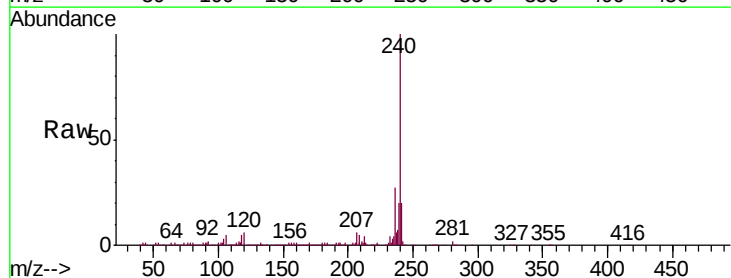
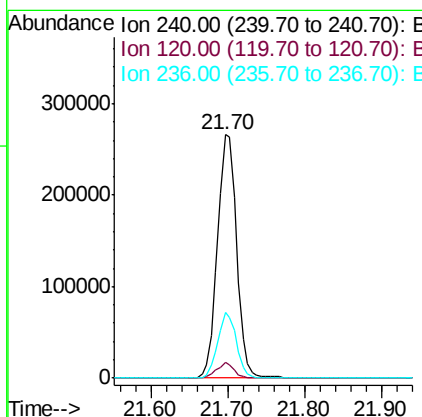
Manual Integrations
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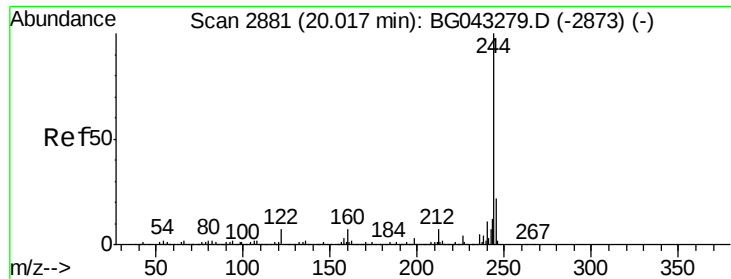
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042990.D
Acq: 2 Oct 2019 18:27

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		457869		
120	6.3	4.8	7.2		
236	27.2	21.4	32.0		





#79

Terphenyl-d14

Concen: 96.875 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042990.D

Acq: 2 Oct 2019 18:27

Instrument :

BNA_G

ClientSampleId :

MW-106S

Tgt Ion:244 Resp: 2081582

Ion Ratio Lower Upper

244 100

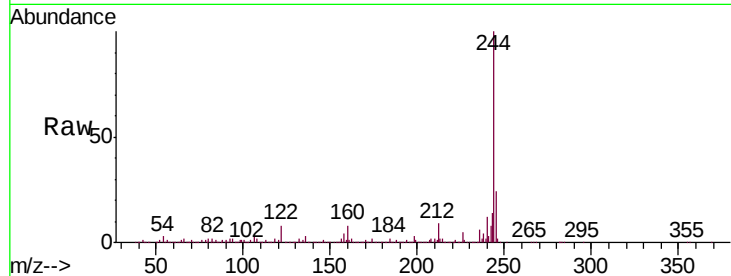
212 8.9 7.4 11.0

122 8.2 7.0 10.4

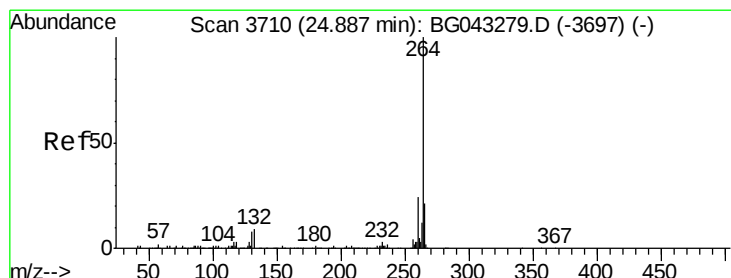
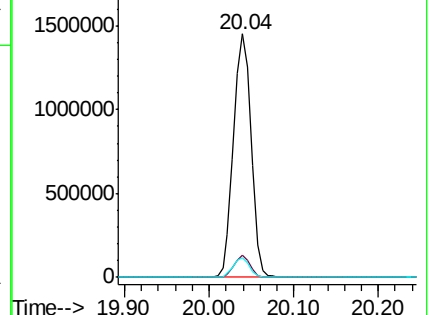
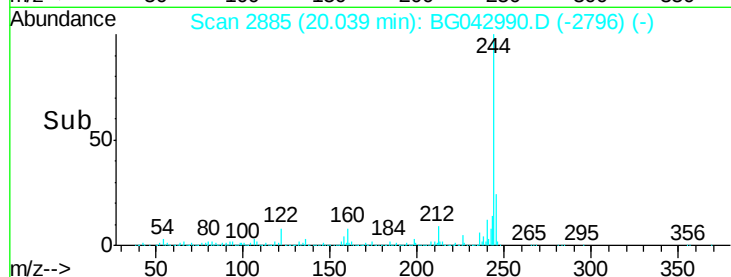
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG042990.D

Acq: 2 Oct 2019 18:27

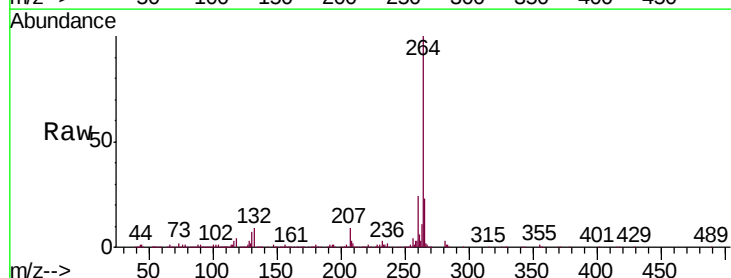
Tgt Ion:264 Resp: 535028

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
250000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

