

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042991.D
 Acq On : 2 Oct 2019 19:06
 Operator : JU
 Sample : K5154-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106I

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:17:54 AM

Quant Time: Oct 03 05:29:00 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	72602	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	266061	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	191515	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	434985	20.00	ng	0.00
76) Chrysene-d12	21.70	240	457457	20.00	ng	-0.02
87) Perylene-d12	24.92	264	526997	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	418374	102.84	ng	0.00
7) Phenol-d6	7.24	99	426256	72.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	482281	88.11	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	439763	133.54	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1198279	90.71	ng	0.00
79) Terphenyl-d14	20.04	244	2062450	96.07	ng	0.00
Target Compounds						
35) Caprolactam	11.77	113	14528m	9.704	ng	Qvalue
50) Dimethylphthalate	14.13	163	76843	5.355	ng	# 98

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

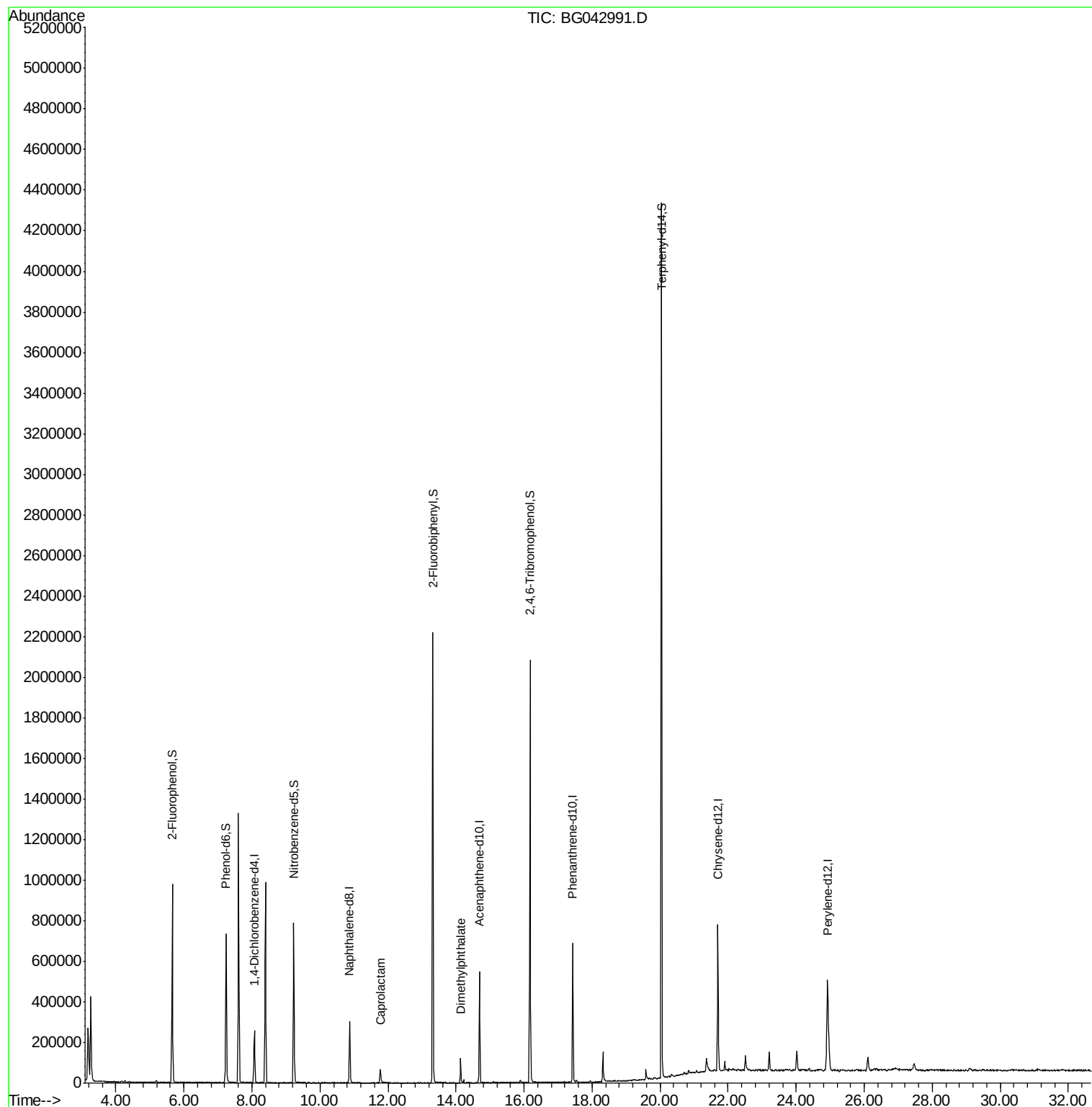
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

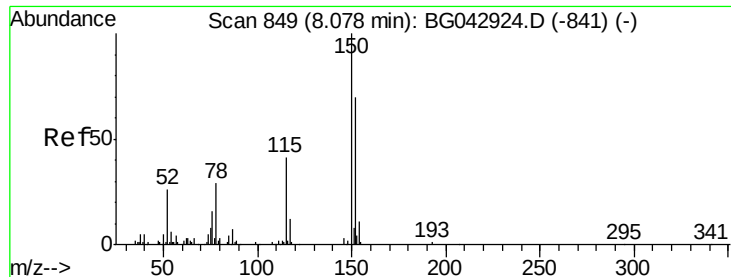
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

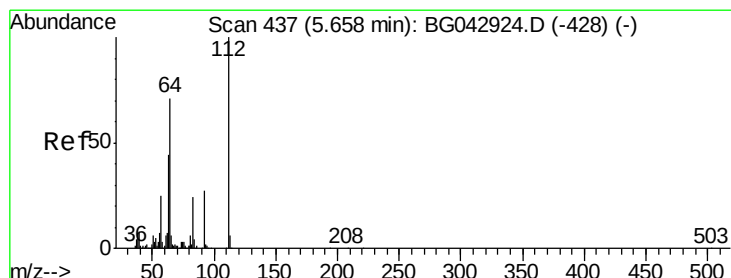
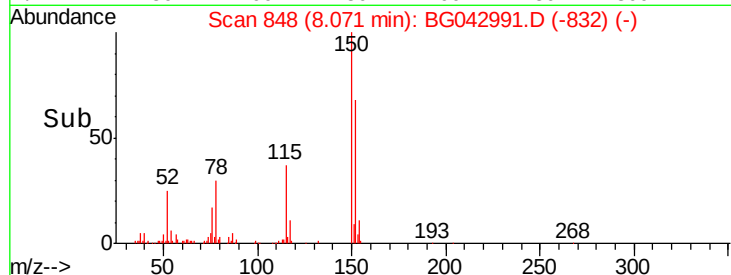
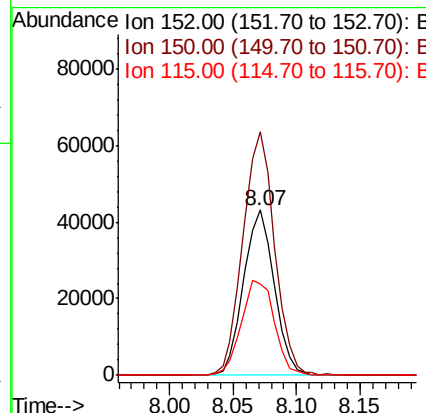
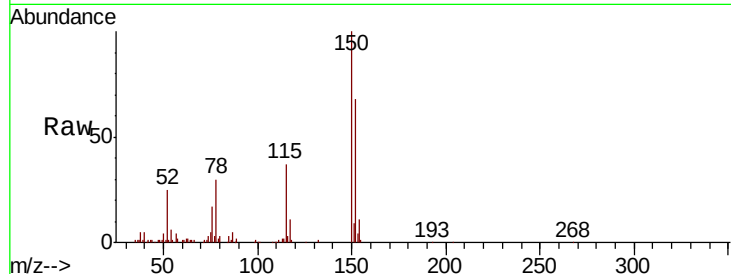
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042991.D
Acq: 2 Oct 2019 19:06

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	115.0	172.4
115	55.1	47.0	70.6

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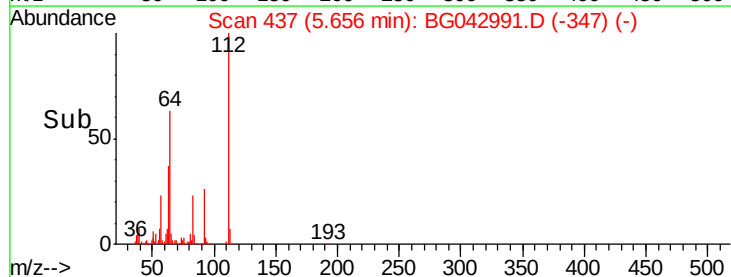
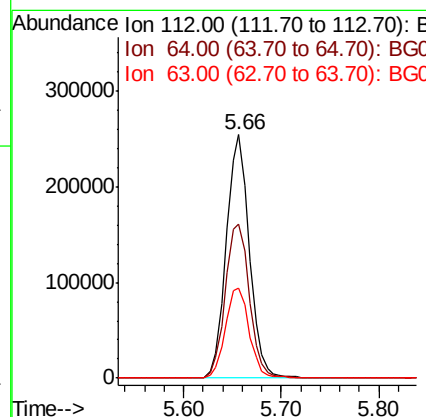
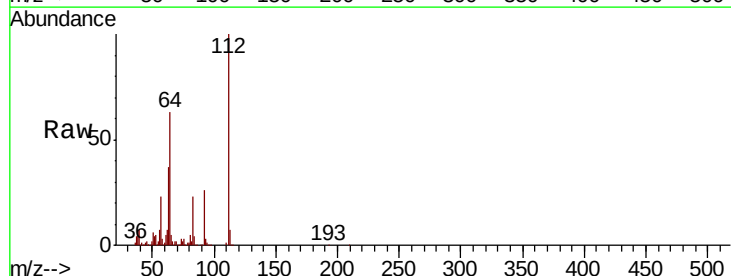
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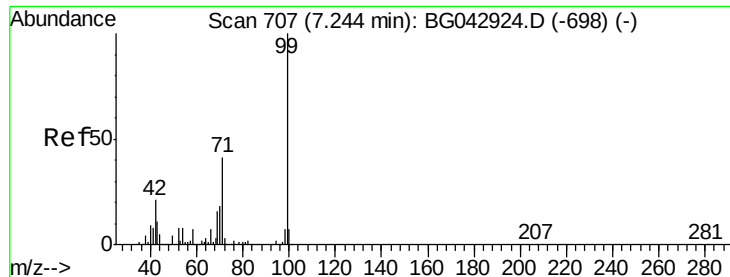


#5

2-Fluorophenol
Concen: 102.840 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042991.D
Acq: 2 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.6	84.8
63	36.9	35.1	52.7





#7

Phenol-d6

Concen: 72.759 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042991.D

Acq: 2 Oct 2019 19:06

Instrument :

BNA_G

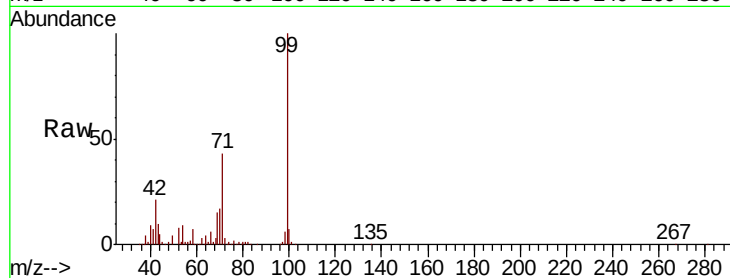
ClientSampleId :

MW-106I

Tot Ion:	99	Resp:	426256
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	42.6	33.1	49.7

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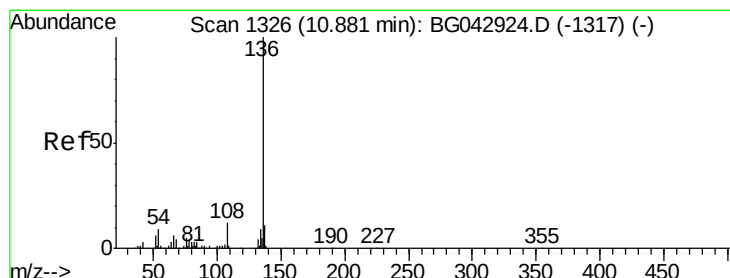
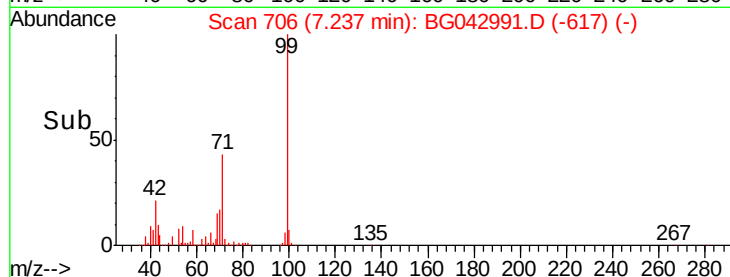
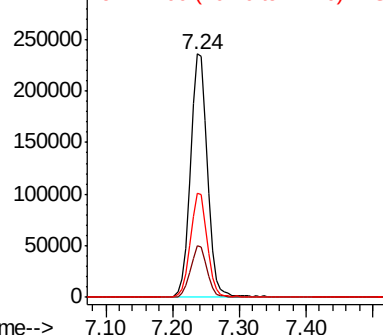


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042991.D

Acq: 2 Oct 2019 19:06

Tgt Ion:	136	Resp:	266061
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.1	7.4	11.2
68	4.2	3.6	5.4

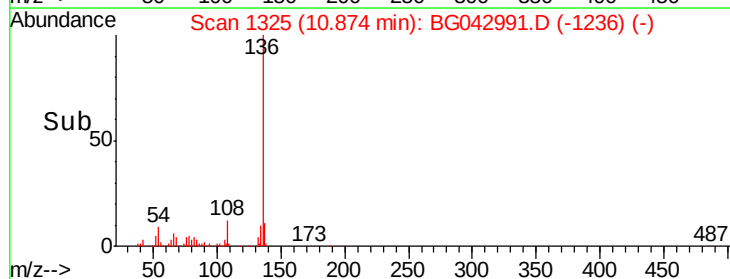
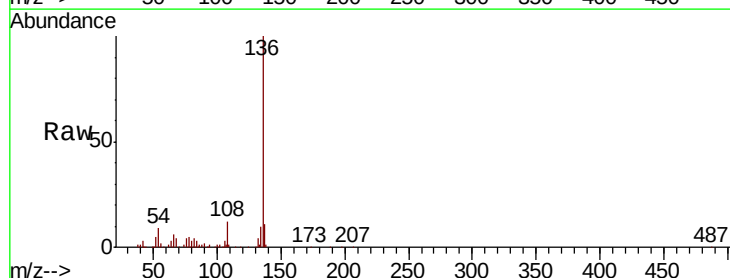
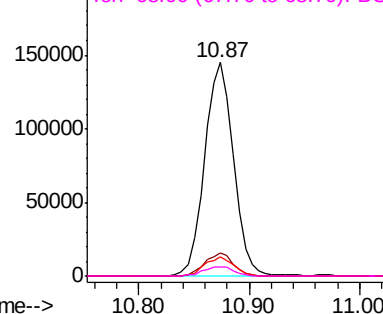
Abundance

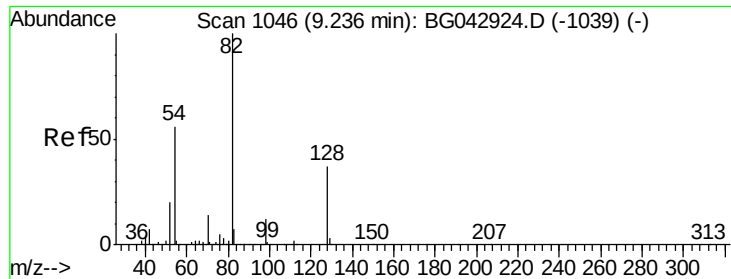
Ion 136.00 (135.70 to 136.70): BGC

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





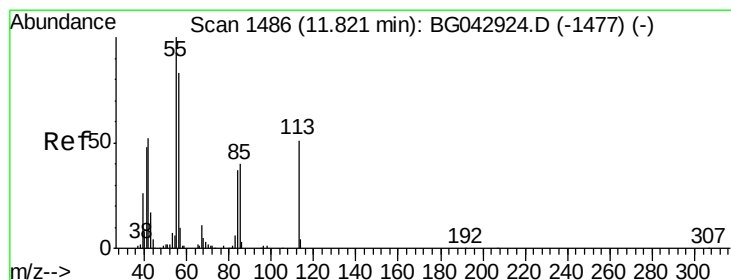
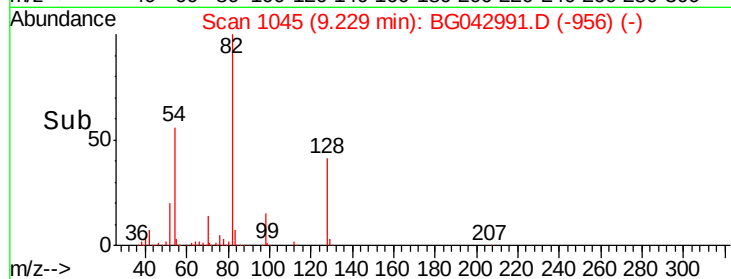
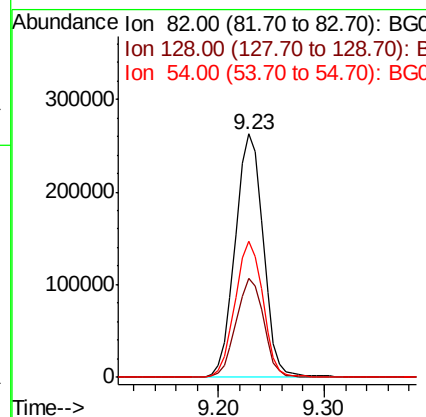
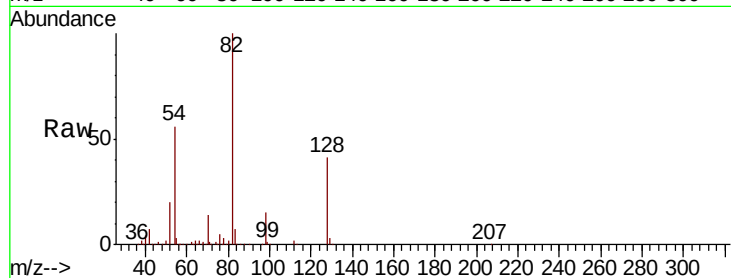
#23
 Nitrobenzene-d5
 Concen: 88.105 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042991.D
 Acq: 2 Oct 2019 19:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-106I

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.9	29.5	44.3	
54	55.8	44.6	67.0	

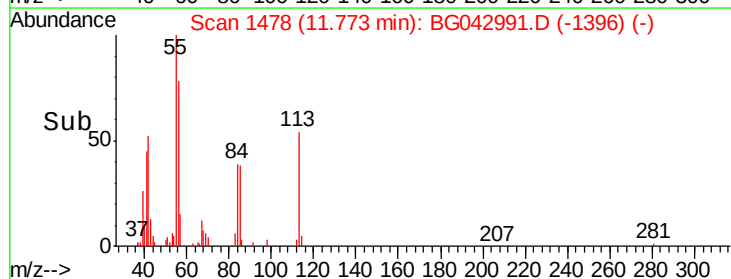
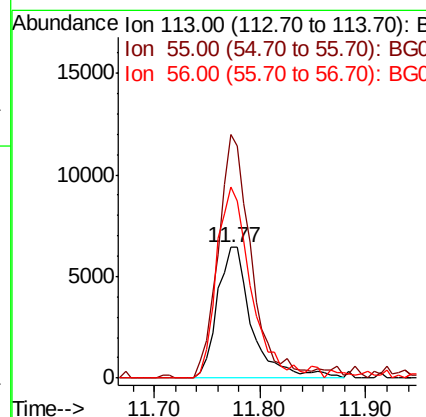
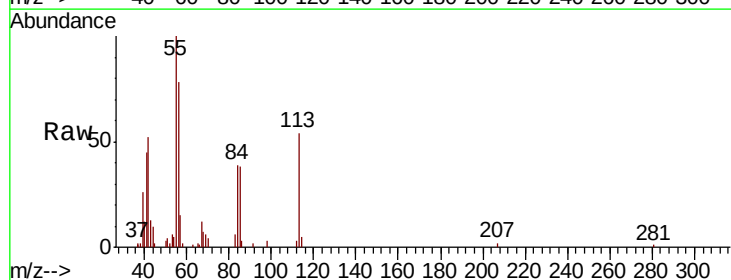
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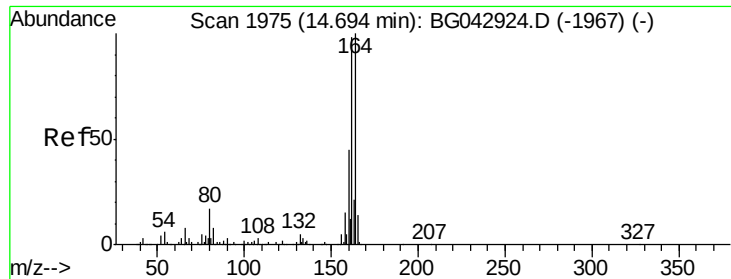
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#35
 Caprolactam
 Concen: 9.704 ng m
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.05 min
 Lab File: BG042991.D
 Acq: 2 Oct 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	186.5	175.5	215.5	
56	146.0	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: BG042991.D

Acq: 2 Oct 2019 19:06

Instrument :

BNA_G

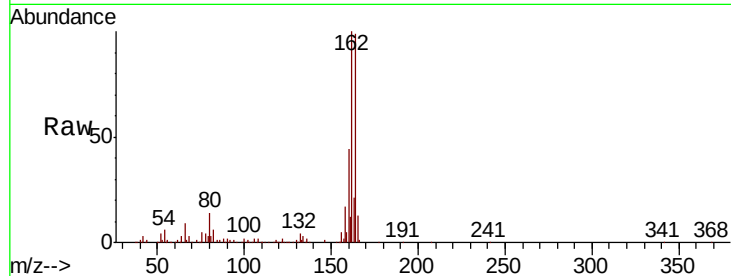
ClientSampleId :

MW-106I

Tot Ion:	164	Resp:	191515
Ion Ratio	Lower	Upper	
164	100		
162	100.9	78.5	117.7
160	44.5	35.9	53.9

Manual Integrations
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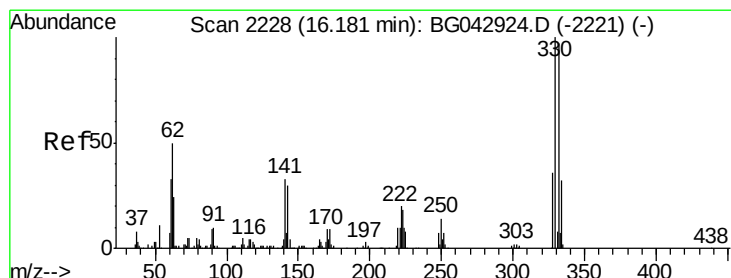
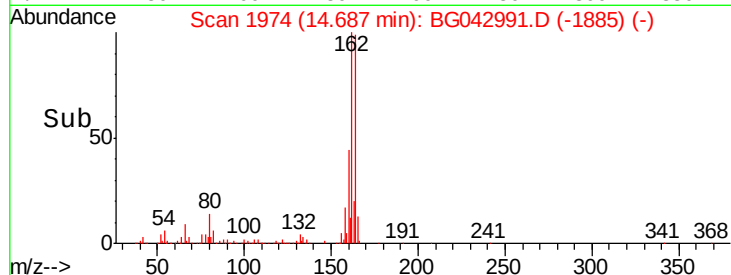
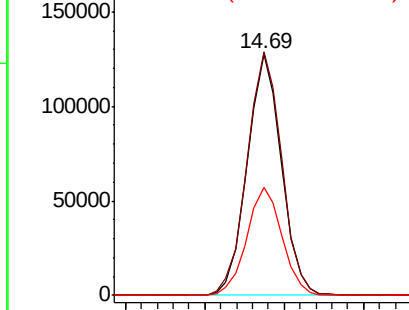


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 133.536 ng

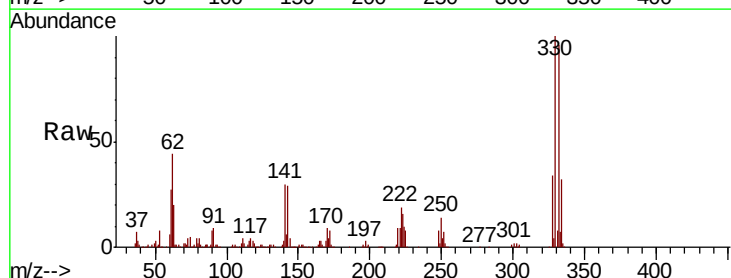
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042991.D

Acq: 2 Oct 2019 19:06

Tgt Ion:	330	Resp:	439763
Ion Ratio	Lower	Upper	
330	100		
332	95.9	78.2	117.2
141	30.4	26.0	39.0

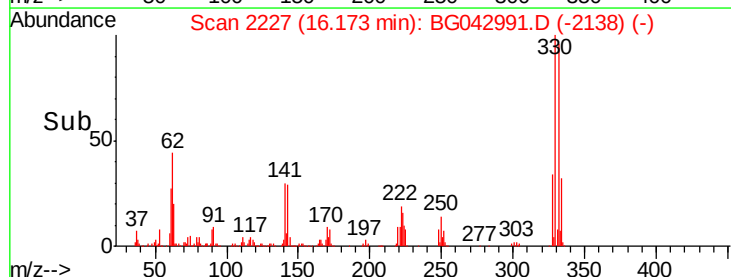
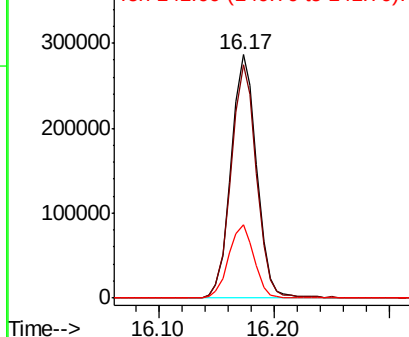


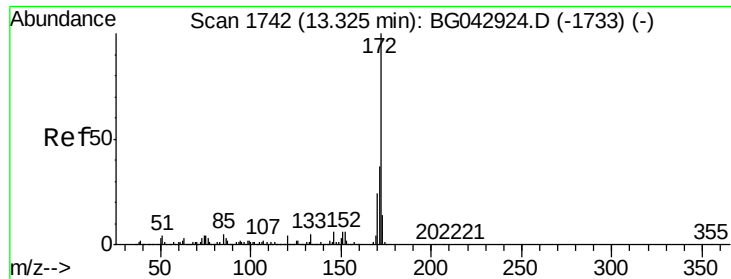
Abundance

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





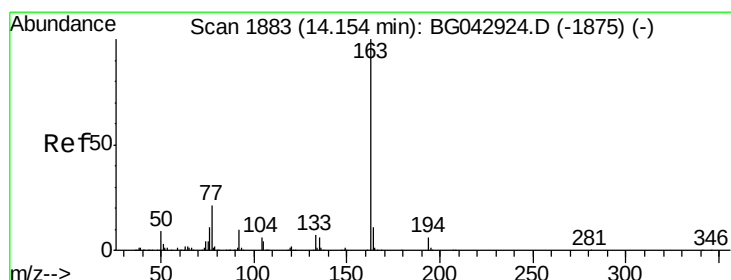
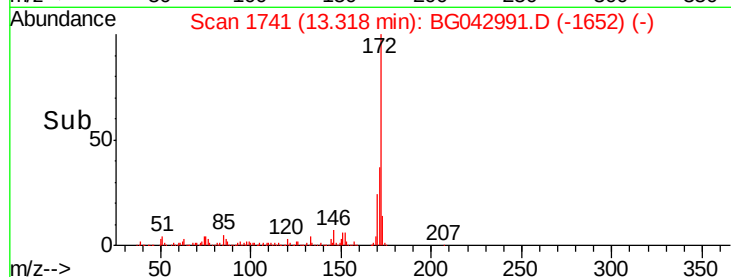
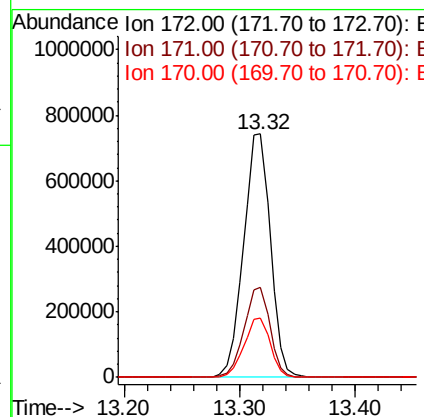
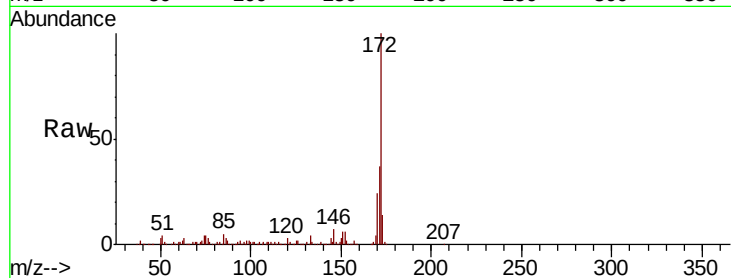
#45
2-Fluorobiphenyl
Concen: 90.705 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042991.D
Acq: 2 Oct 2019 19:06

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.3	19.6	29.4

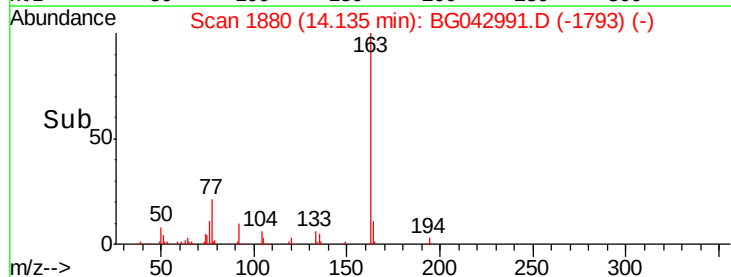
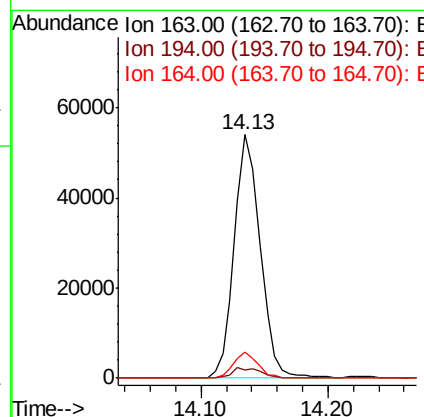
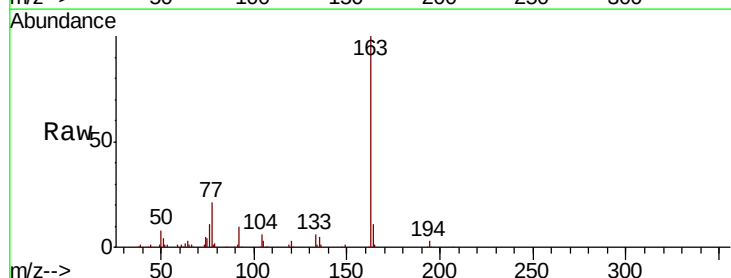
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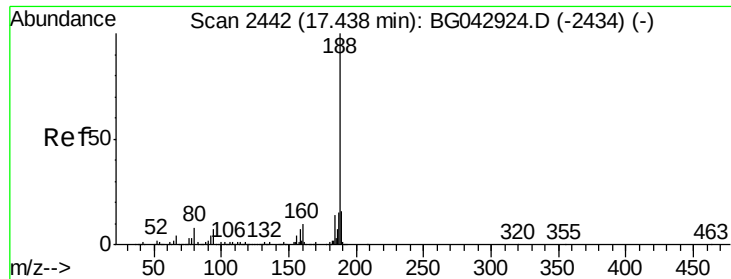
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#50
Dimethylphthalate
Concen: 5.355 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042991.D
Acq: 2 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.8	8.6	12.8





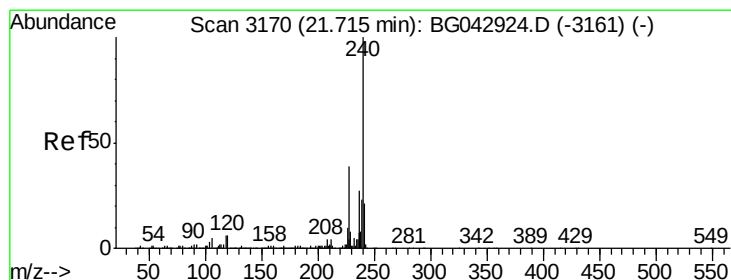
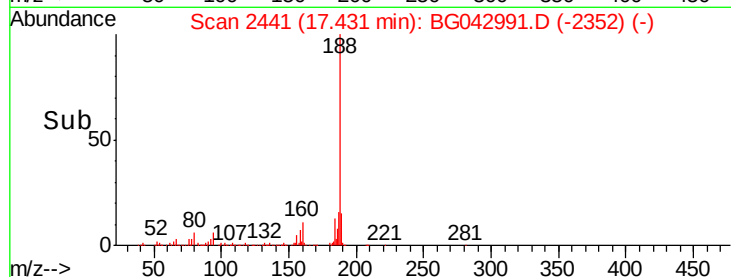
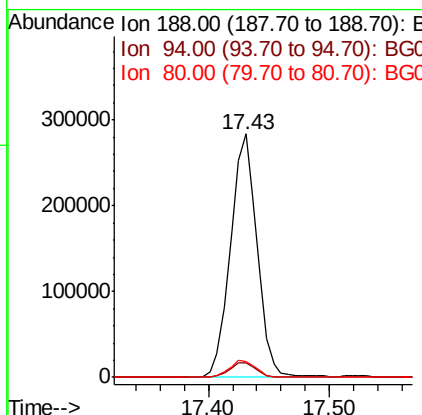
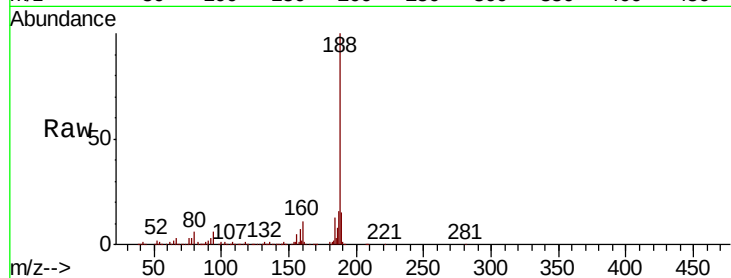
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042991.D
Acq: 2 Oct 2019 19:06

Instrument :
BNA_G
ClientSampleId :
MW-106I

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.7	5.7	8.5
80	6.4	6.5	9.7#

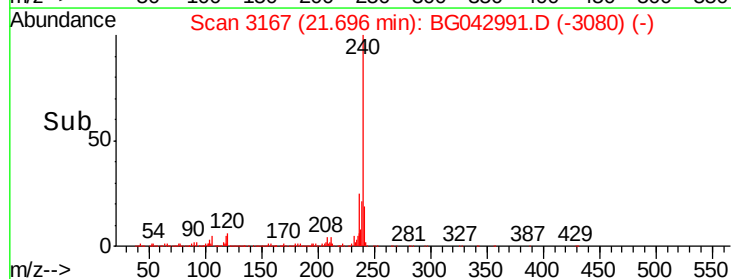
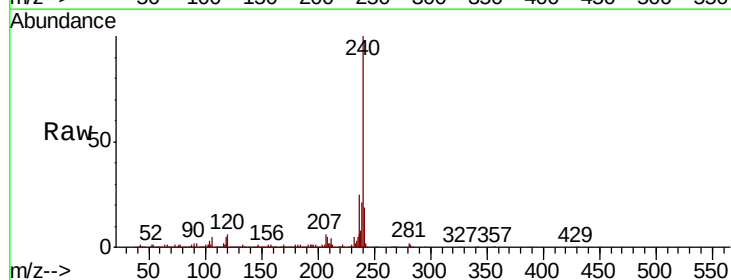
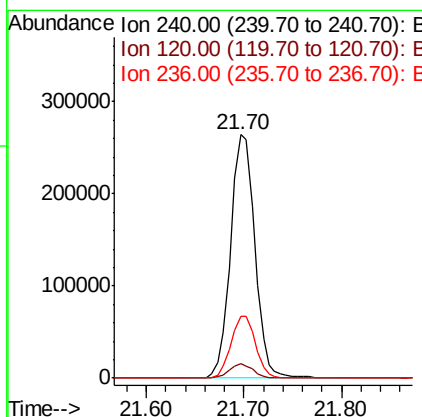
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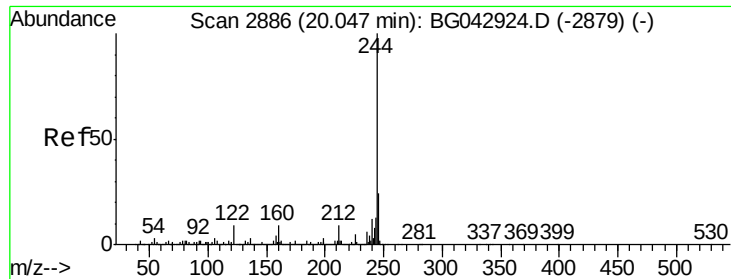
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042991.D
Acq: 2 Oct 2019 19:06

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	4.8	7.2
236	25.3	21.4	32.0





#79

Terphenyl-d14

Concen: 96.071 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042991.D

Acq: 2 Oct 2019 19:06

Instrument :

BNA_G

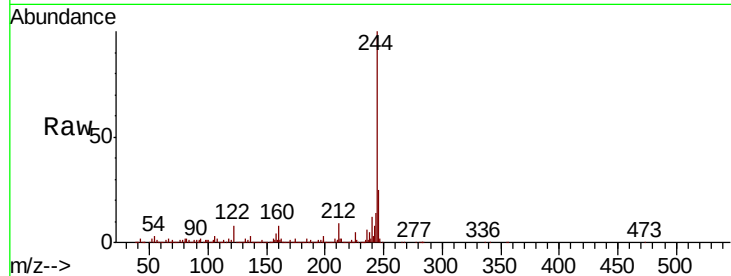
ClientSampleId :

MW-106I

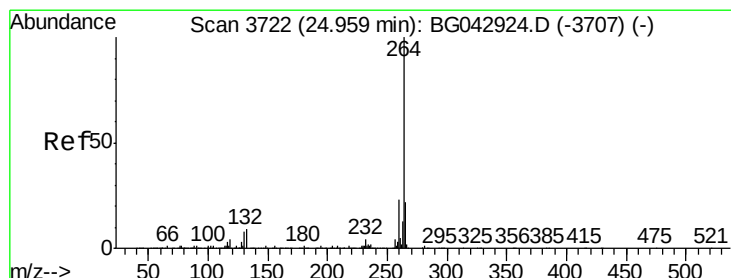
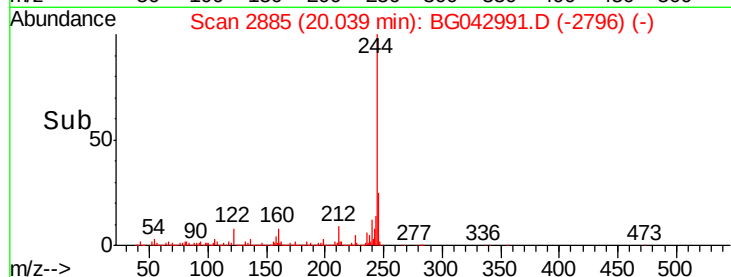
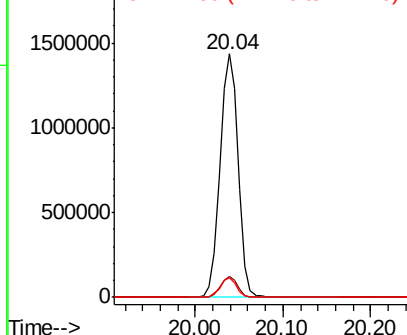
Tot Ion:	244	Resp:	2062450
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	8.3	7.0	10.4

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
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

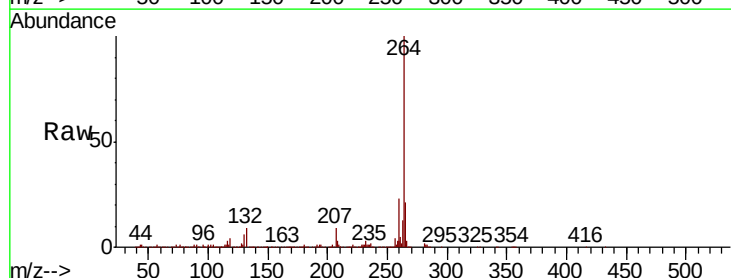
RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG042991.D

Acq: 2 Oct 2019 19:06

Tgt Ion:	264	Resp:	526997
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.8	17.7	26.5



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

