

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042993.D
 Acq On : 2 Oct 2019 20:23
 Operator : JU
 Sample : K5154-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-107

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:00 AM

Quant Time: Oct 03 05:34:52 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	68287	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	247781	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	177051	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	420873	20.00	ng	0.00
76) Chrysene-d12	21.70	240	458922	20.00	ng	-0.02
87) Perylene-d12	24.93	264	529338	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	384650	100.52	ng	0.00
7) Phenol-d6	7.24	99	392490	71.23	ng	0.00
23) Nitrobenzene-d5	9.23	82	453213	88.90	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	429120	140.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1128218	92.38	ng	-0.01
79) Terphenyl-d14	20.04	244	2102138	97.61	ng	0.00
Target Compounds						
35) Caprolactam	11.77	113	17250m	12.372	ng	Qvalue 99
50) Dimethylphthalate	14.13	163	72224	5.444	ng	

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

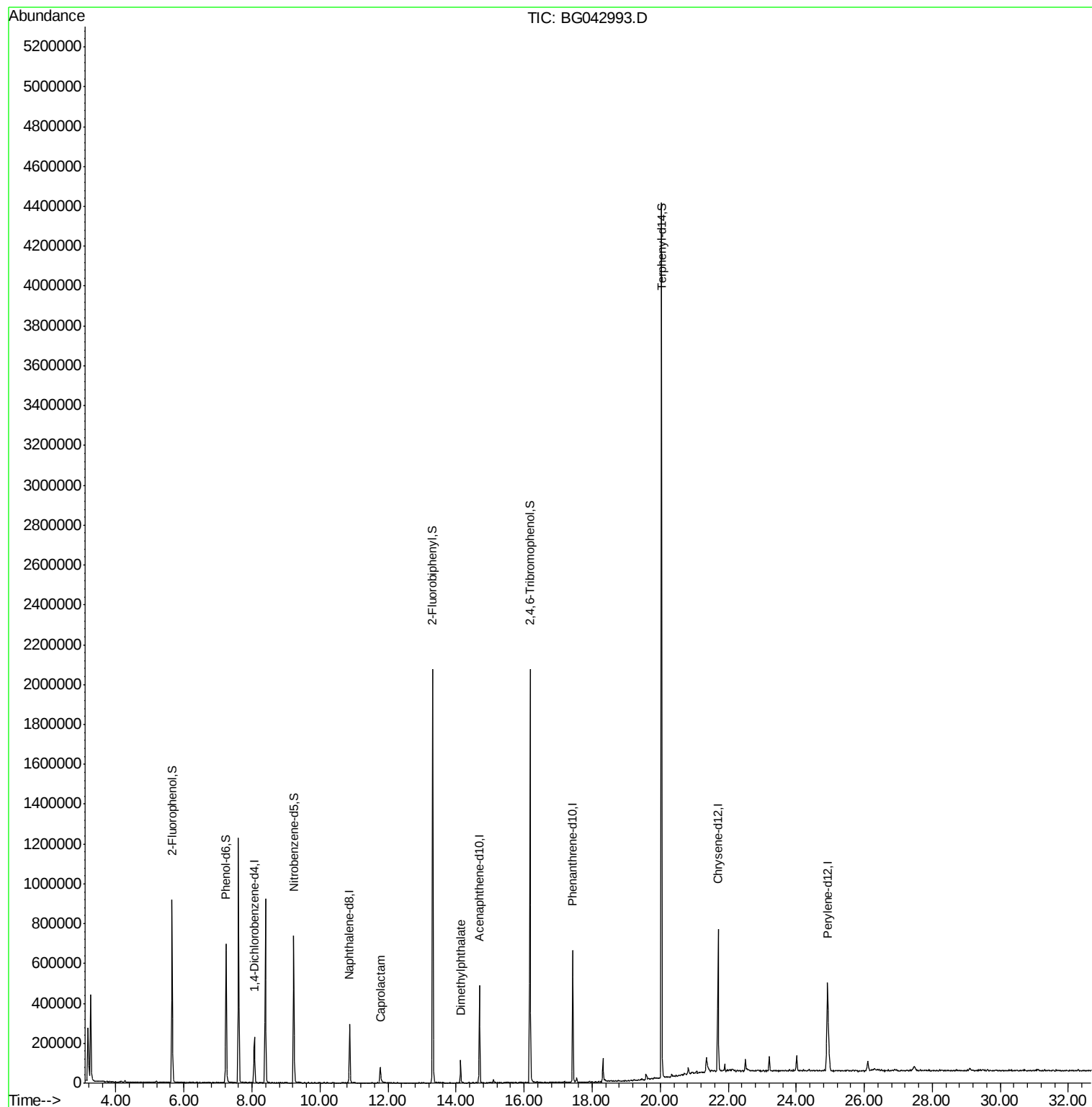
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042993.D
Acq On : 2 Oct 2019 20:23
Operator : JU
Sample : K5154-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

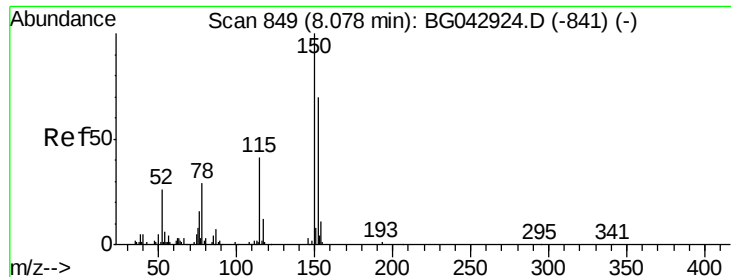
Instrument :
BNA_G
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MW-107

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QLast Update : Wed Sep 25 15:35:52 2019
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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: BG042993.D

Acq: 2 Oct 2019 20:23

Instrument :

BNA_G

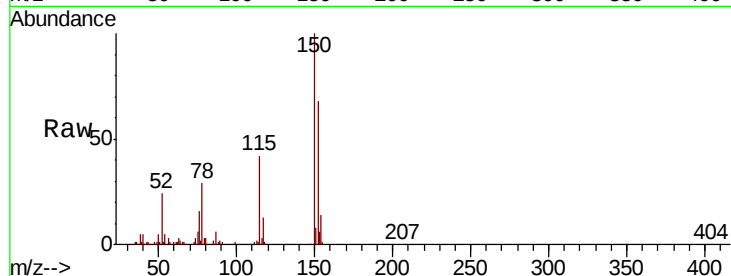
ClientSampleId :

MW-107

Tot Ion:	152	Resp:	68287
Ion	Ratio	Lower	Upper
152	100		
150	148.0	115.0	172.4
115	62.0	47.0	70.6

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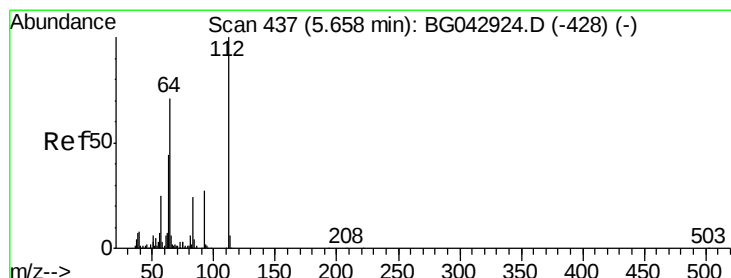
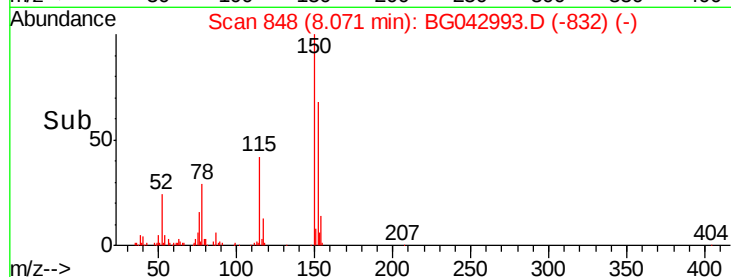
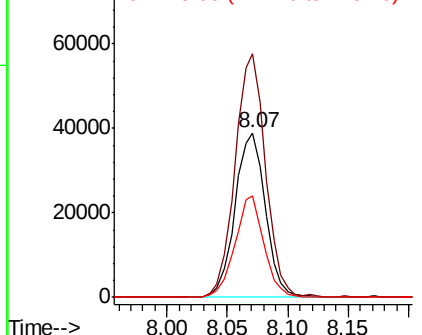


Abundance

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: 100.525 ng

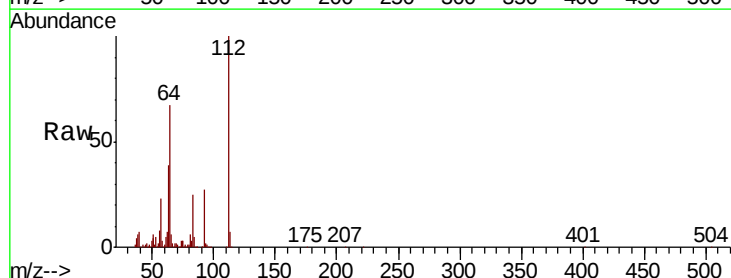
RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG042993.D

Acq: 2 Oct 2019 20:23

Tgt Ion:	112	Resp:	384650
Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.6	84.8
63	38.8	35.1	52.7

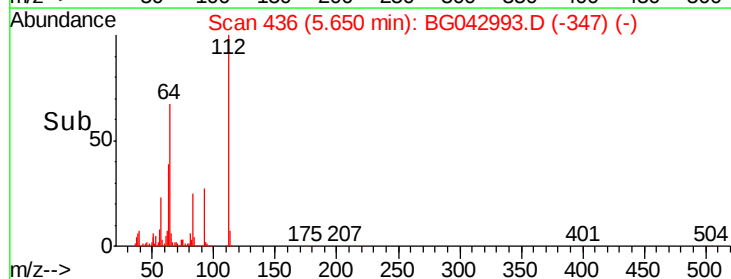
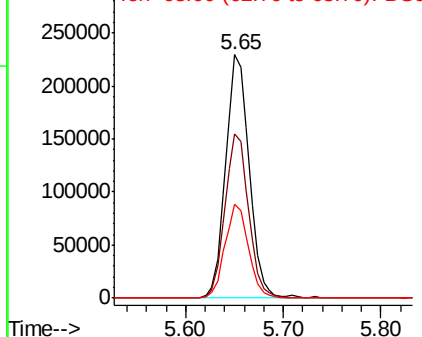


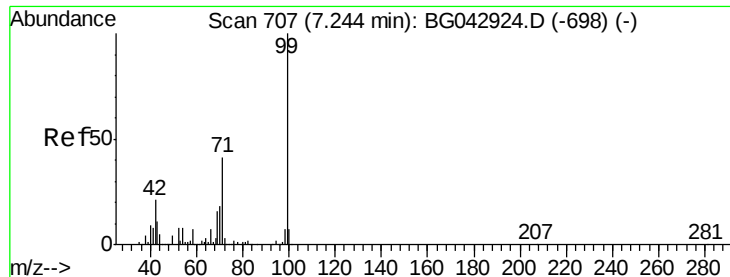
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 71.229 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042993.D

Acq: 2 Oct 2019 20:23

Instrument :

BNA_G

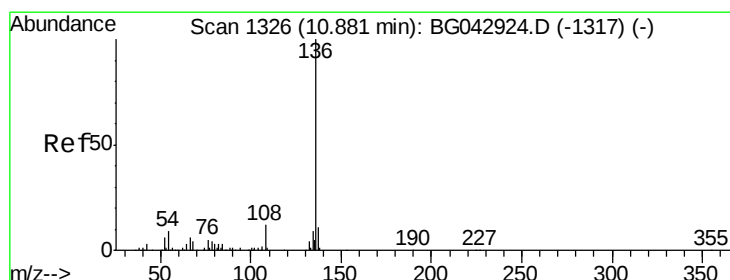
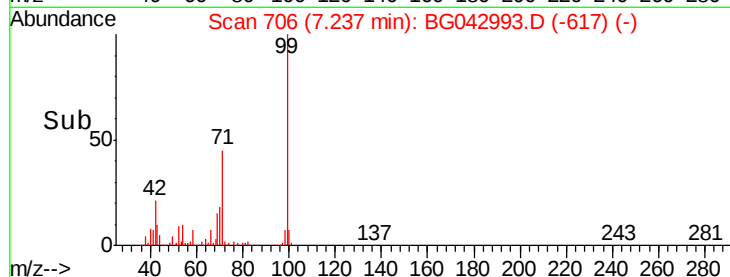
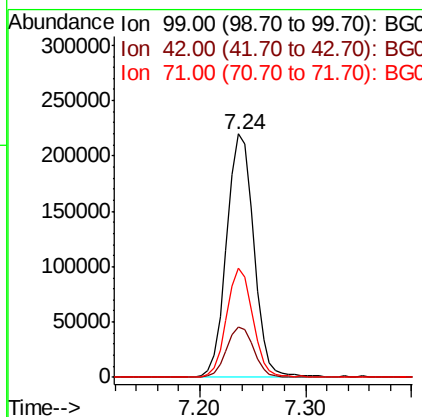
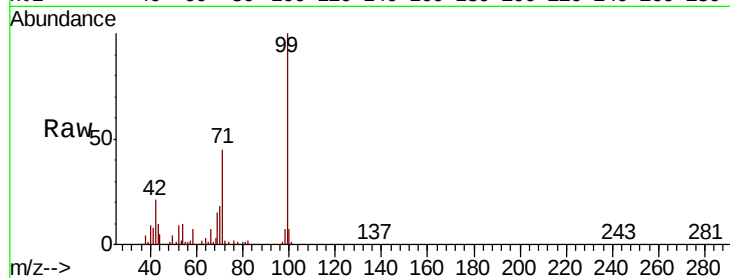
ClientSampled :

MW-107

Tot Ion:	99	Resp:	392490
Ion Ratio	Lower	Upper	
99	100		
42	20.7	17.2	25.8
71	45.0	33.1	49.7

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#21

Naphthalene-d8

Concen: 20.000 ng

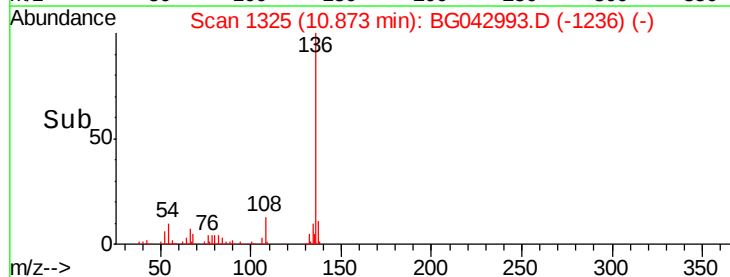
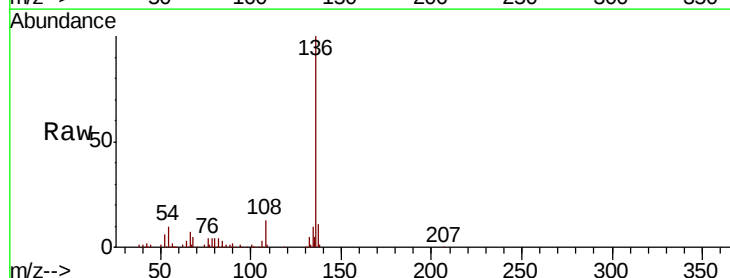
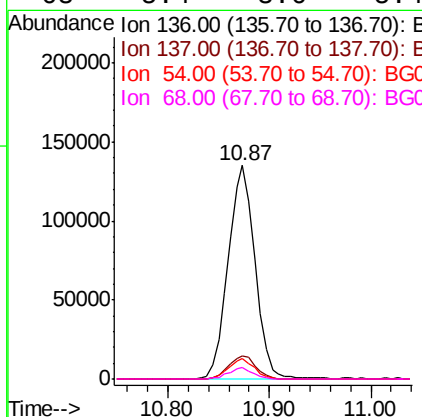
RT: 10.87 min Scan# 1325

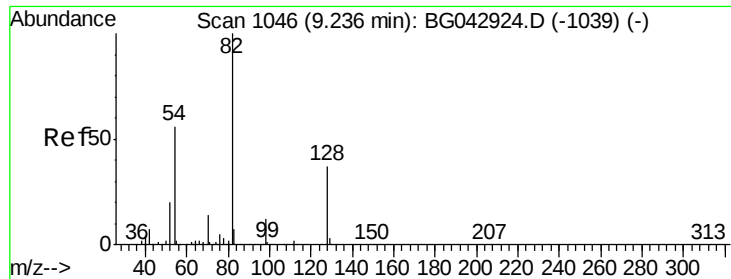
Delta R.T. -0.01 min

Lab File: BG042993.D

Acq: 2 Oct 2019 20:23

Tgt Ion:	136	Resp:	247781
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	9.7	7.4	11.2
68	5.4	3.6	5.4





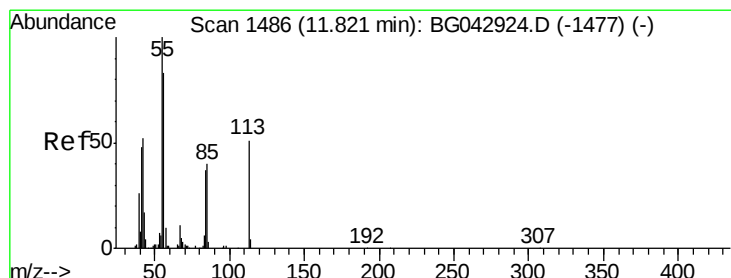
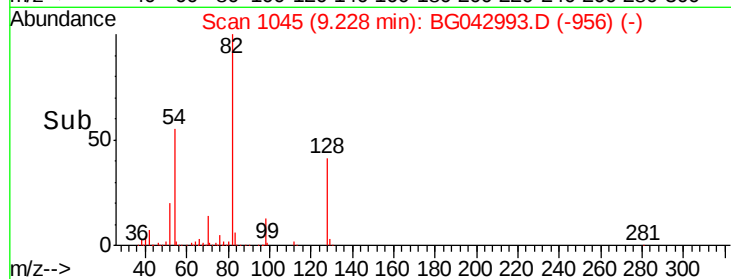
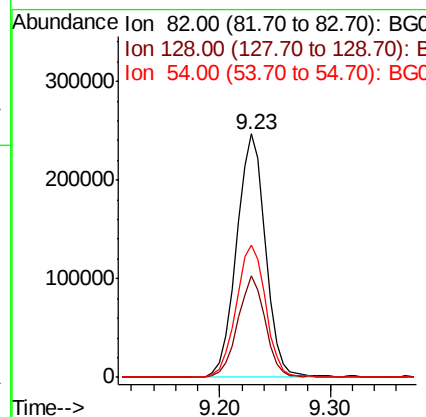
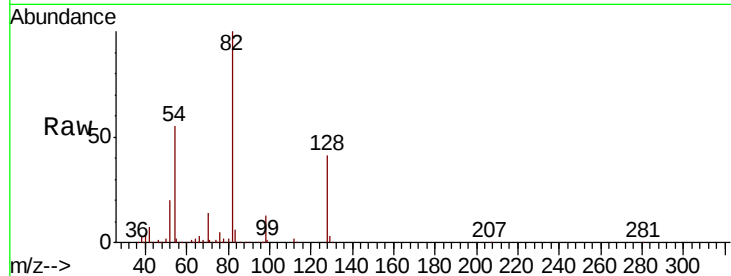
#23
Nitrobenzene-d5
Concen: 88.903 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042993.D
Acq: 2 Oct 2019 20:23

Instrument :
BNA_G
ClientSampleId :
MW-107

Tot Ion	Ratio	Resp	Lower	Upper
82	100	453213		
128	41.5	29.5	44.3	
54	54.5	44.6	67.0	

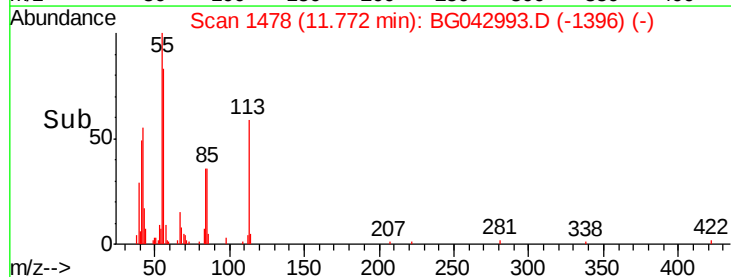
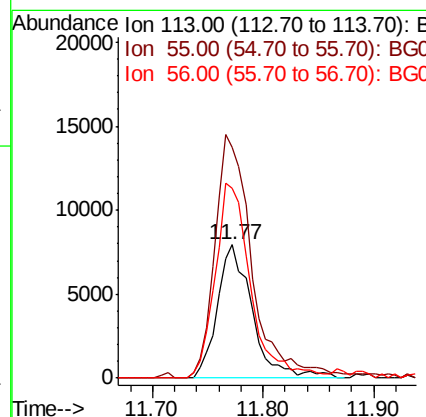
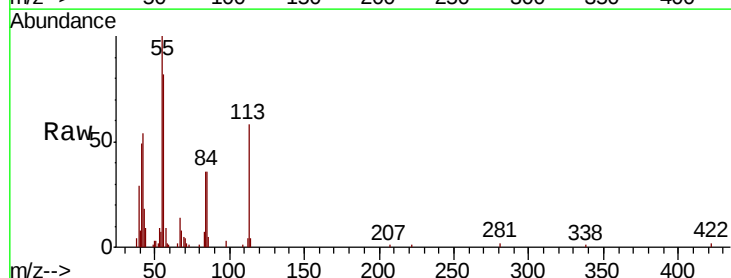
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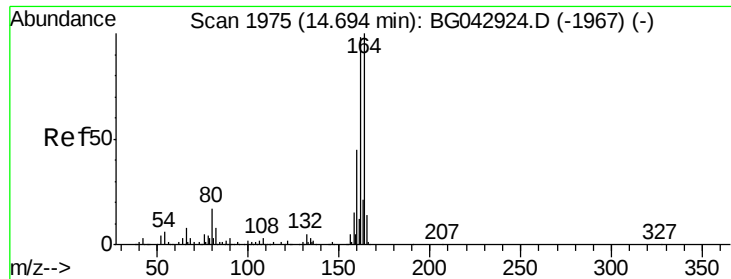
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#35
Caprolactam
Concen: 12.372 ng m
RT: 11.77 min Scan# 1478
Delta R.T. -0.05 min
Lab File: BG042993.D
Acq: 2 Oct 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	17250		
55	172.8	175.5	215.5#	
56	142.3	142.3	182.3#	





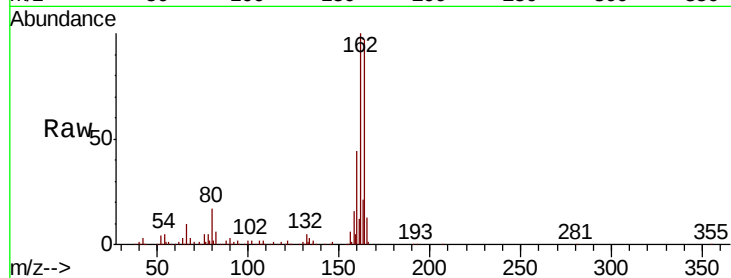
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042993.D
Acq: 2 Oct 2019 20:23

Instrument :
BNA_G
ClientSampleId :
MW-107

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.5	117.7
160	45.5	35.9	53.9

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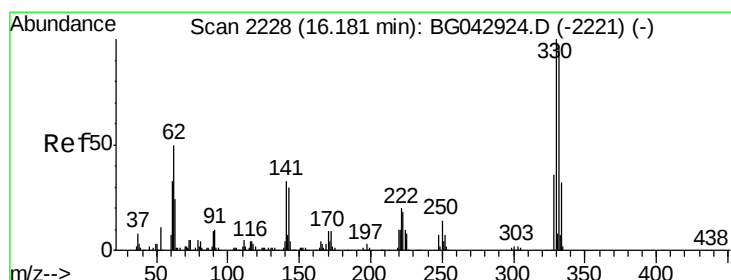
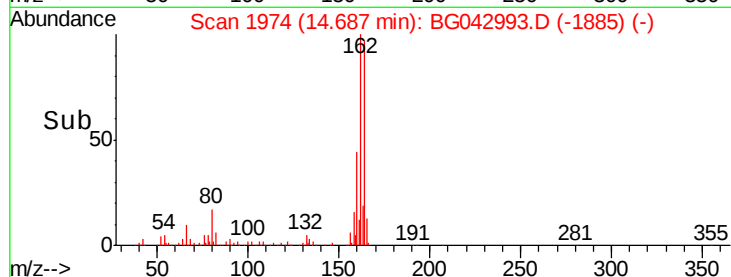
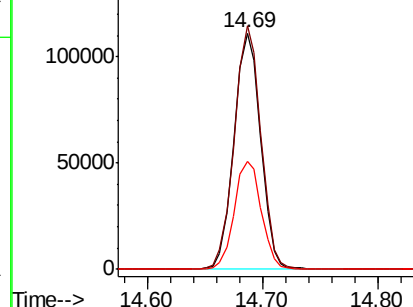


Abundance

Ion 164.00 (163.70 to 164.70): E

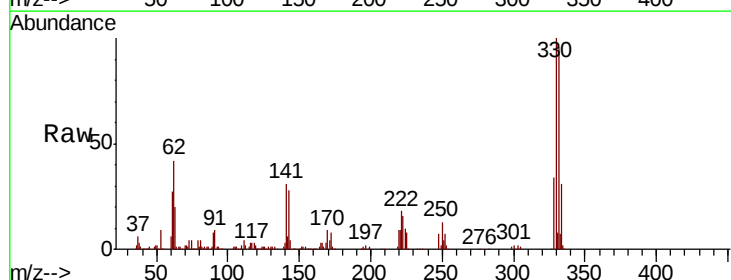
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 140.949 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042993.D
Acq: 2 Oct 2019 20:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	31.1	26.0	39.0

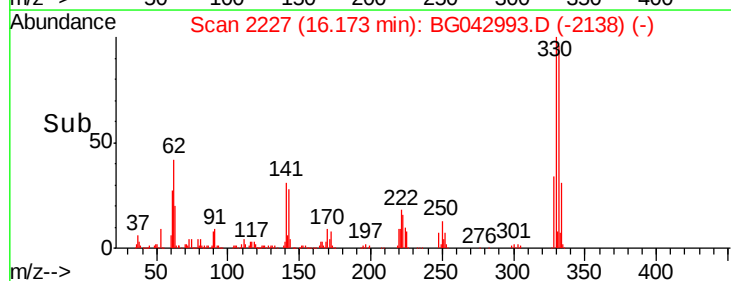
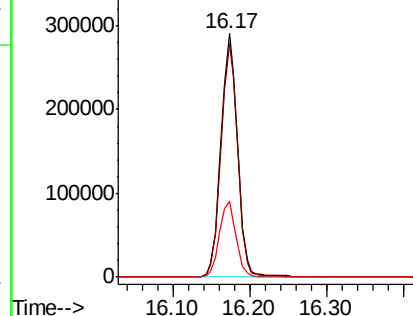


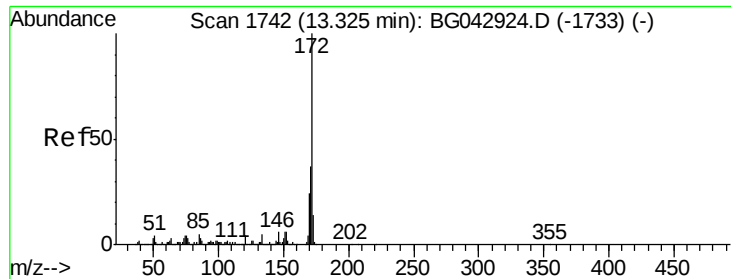
Abundance

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





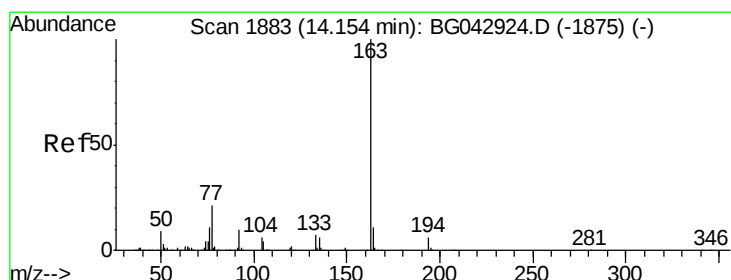
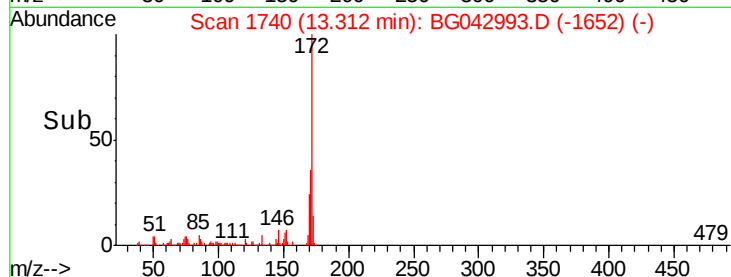
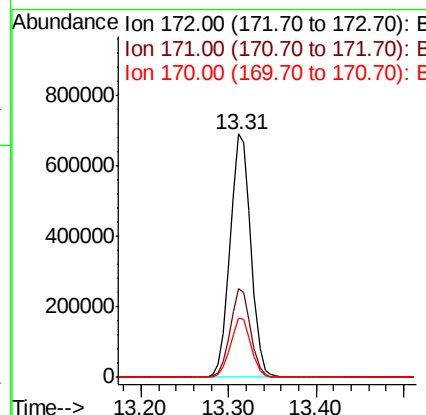
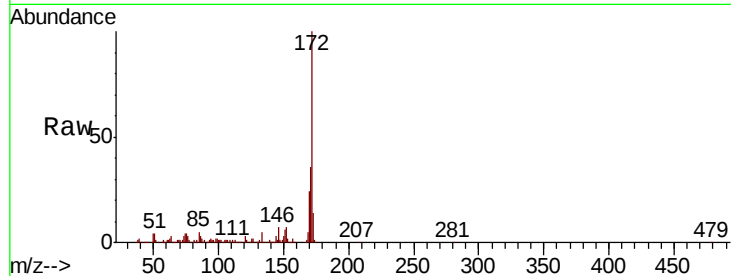
#45
2-Fluorobiphenyl
Concen: 92.379 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042993.D
Acq: 2 Oct 2019 20:23

Instrument :
BNA_G
ClientSampleId :
MW-107

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	19.6	29.4

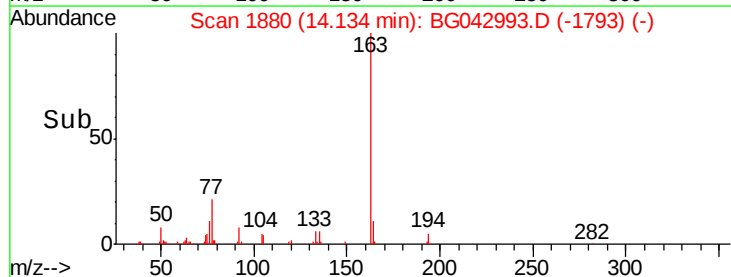
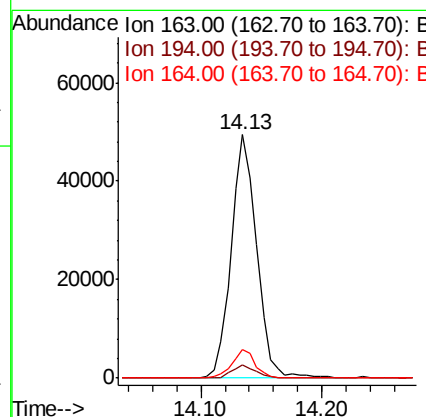
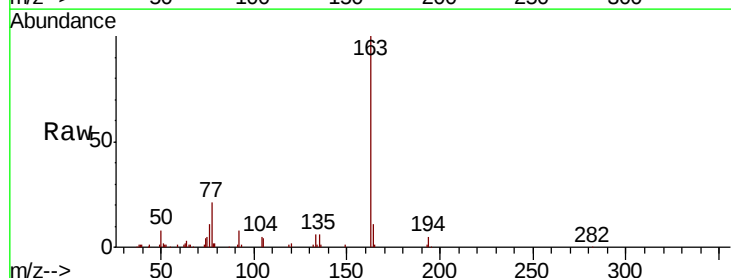
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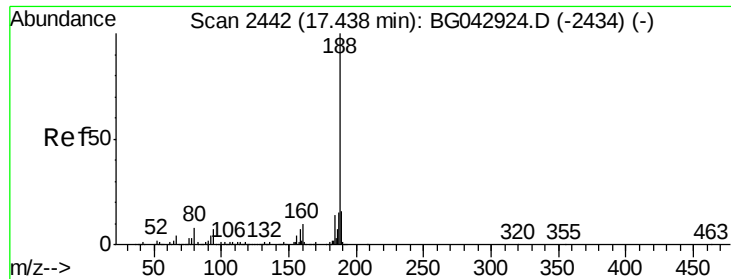
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#50
Dimethylphthalate
Concen: 5.444 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042993.D
Acq: 2 Oct 2019 20:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.4	6.6
164	11.5	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: BG042993.D

Acq: 2 Oct 2019 20:23

Instrument :

BNA_G

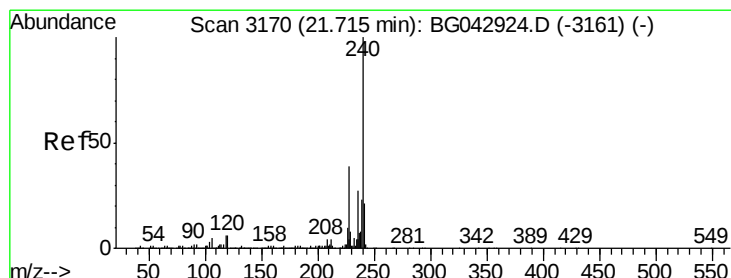
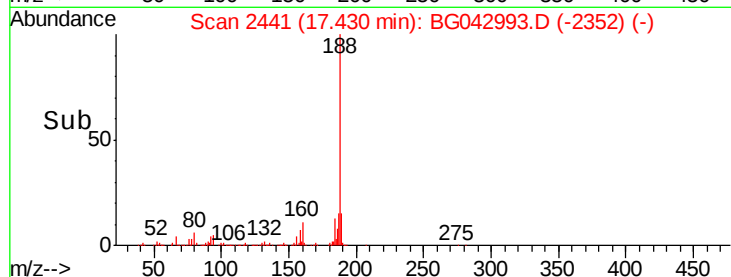
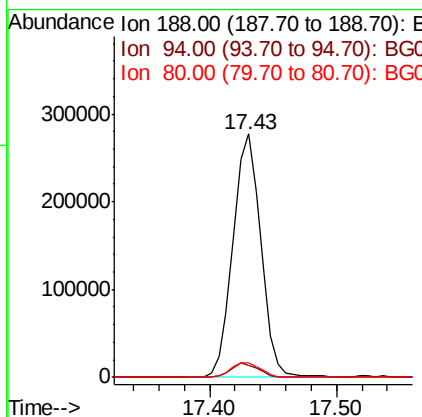
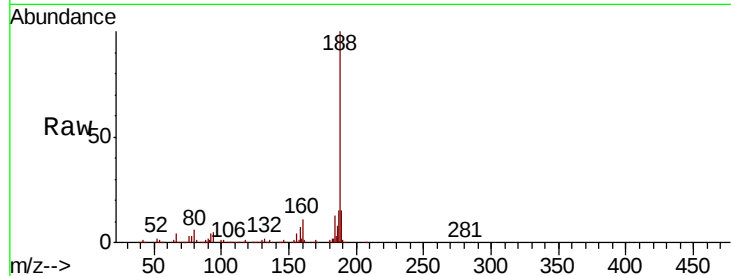
ClientSampleId :

MW-107

Tot Ion:	188	Resp:	420873
Ion Ratio	Lower	Upper	
188	100		
94	5.1	5.7	8.5#
80	6.2	6.5	9.7#

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#76

Chrysene-d12

Concen: 20.000 ng

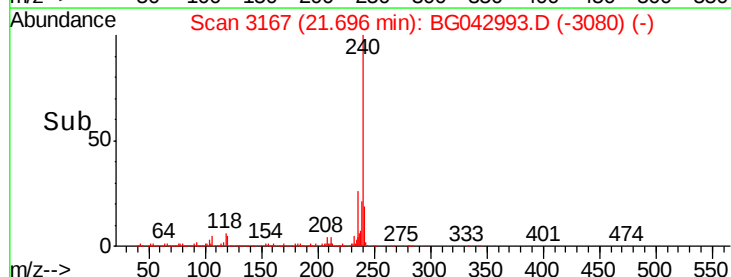
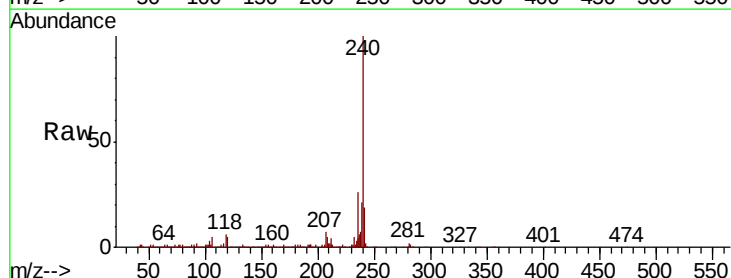
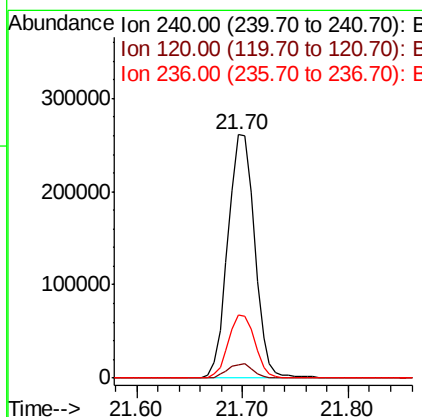
RT: 21.70 min Scan# 3167

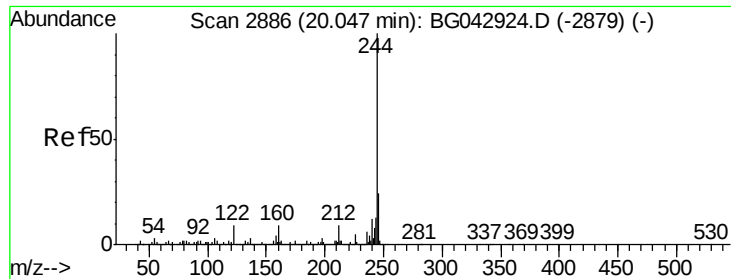
Delta R.T. -0.02 min

Lab File: BG042993.D

Acq: 2 Oct 2019 20:23

Tgt Ion:	240	Resp:	458922
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.8	7.2
236	26.2	21.4	32.0





#79

Terphenyl-d14

Concen: 97.607 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042993.D

Acq: 2 Oct 2019 20:23

Instrument :

BNA_G

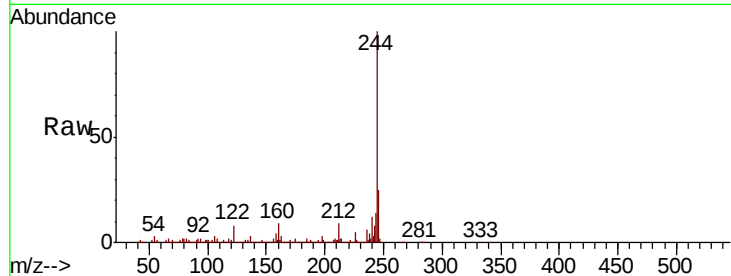
ClientSampleId :

MW-107

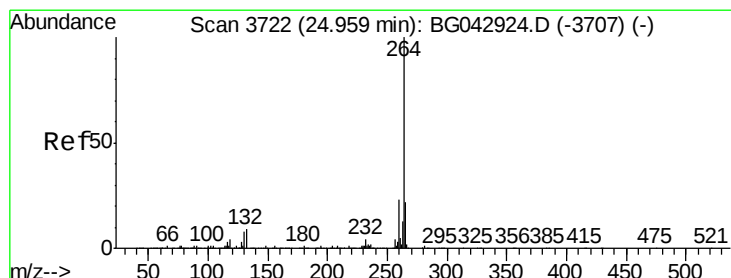
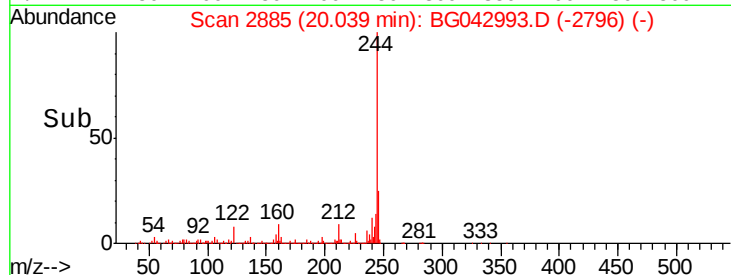
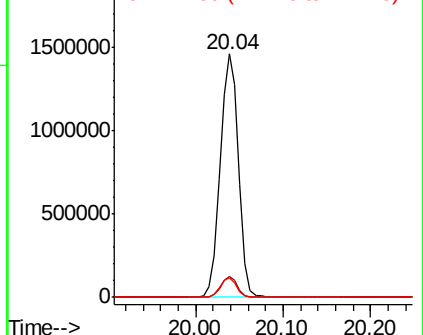
Tot Ion:	244	Resp:	2102138
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	8.0	7.0	10.4

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

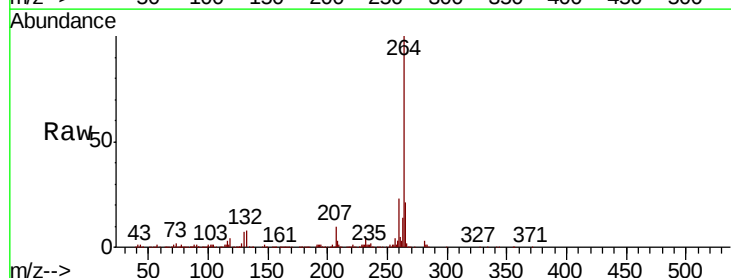
RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042993.D

Acq: 2 Oct 2019 20:23

Tgt Ion:	264	Resp:	529338
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.1	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
200000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

