

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100219\
 Data File : BG042992.D
 Acq On : 2 Oct 2019 19:44
 Operator : JU
 Sample : K5154-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Manual Integrations
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mohammad
 10/4/2019 8:17:57 AM

Quant Time: Oct 22 05:38:27 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	73454	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	264598	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	189592	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	432538	20.00	ng	0.00
76) Chrysene-d12	21.70	240	458508	20.00	ng	-0.01
87) Perylene-d12	24.93	264	531271	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	406142	98.68	ng	0.00
7) Phenol-d6	7.24	99	415177	70.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	481635	88.47	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	440295	135.05	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1185420	90.64	ng	0.00
79) Terphenyl-d14	20.04	244	2083586	96.83	ng	0.00
Target Compounds						
35) Caprolactam	11.77	113	27073m	18.184	ng	Qvalue 99
50) Dimethylphthalate	14.14	163	69564	4.897	ng	

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

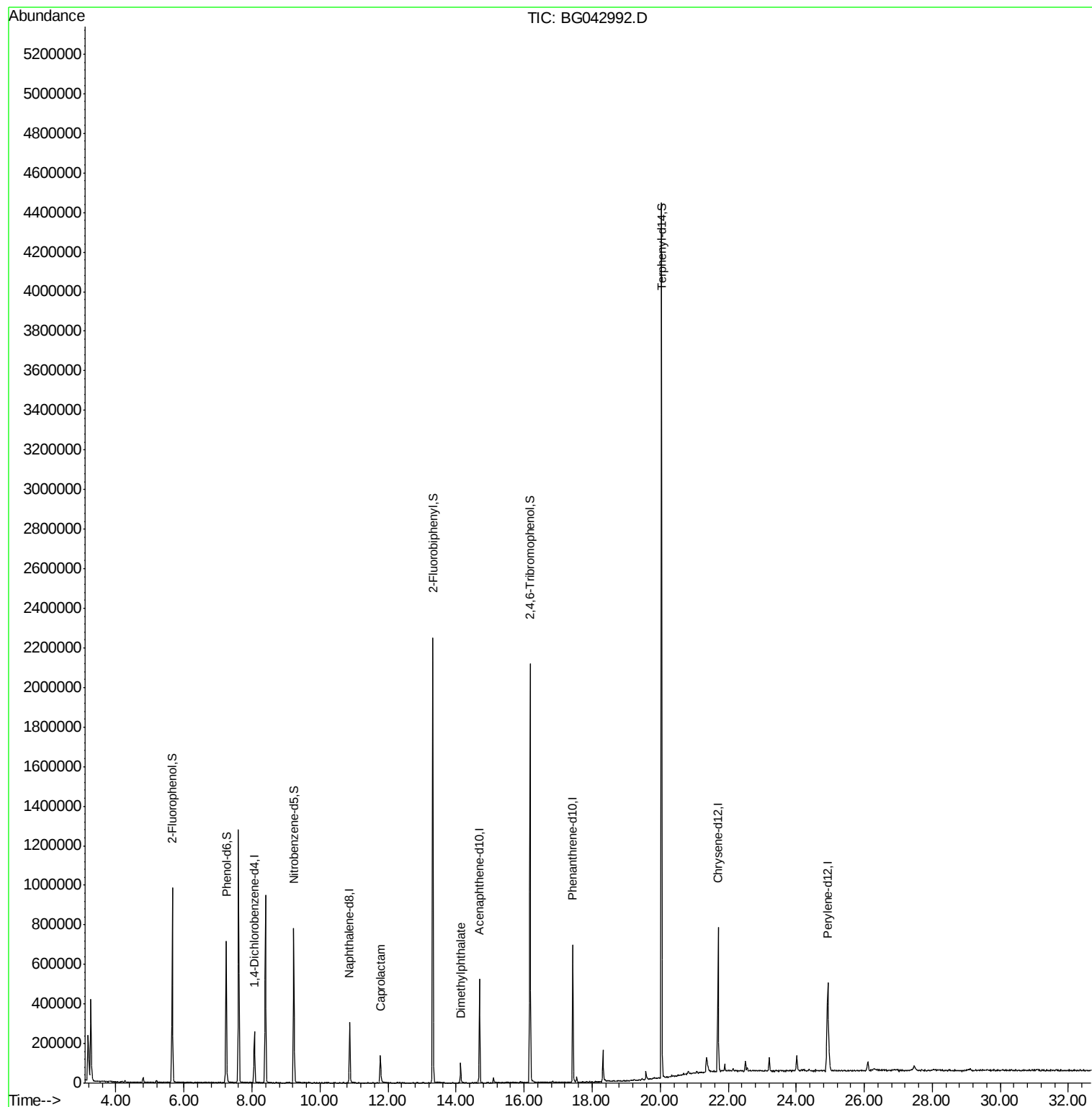
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100219\
Data File : BG042992.D
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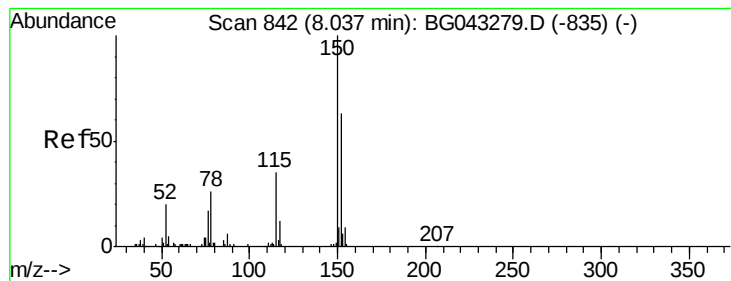
Instrument :
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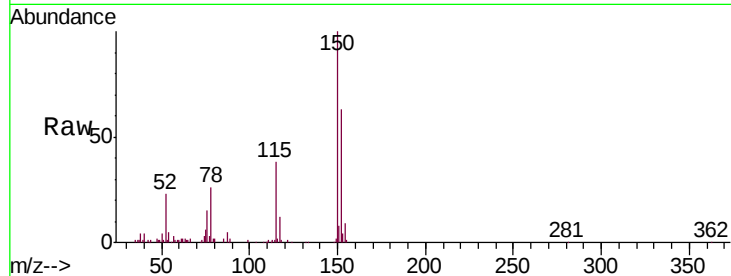
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG042992.D
 Acq: 2 Oct 2019 19:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

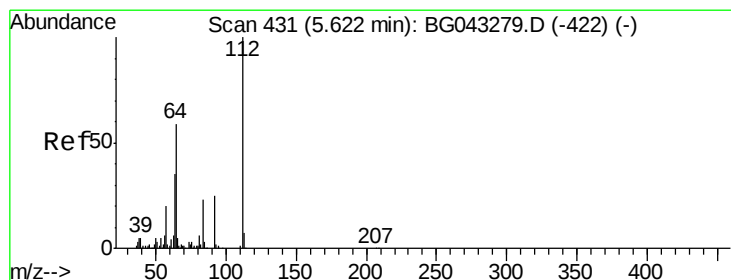
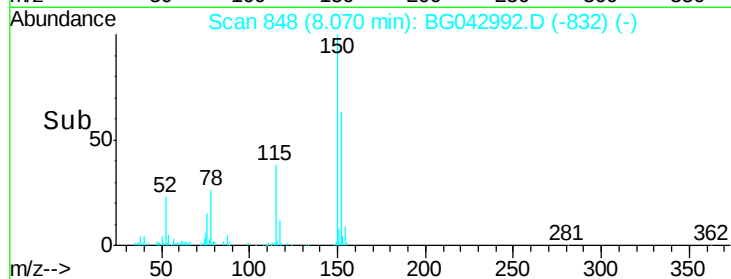
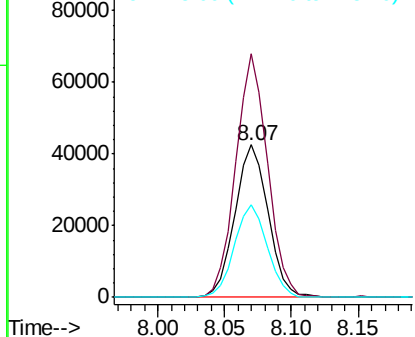
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	115.0	172.4
115	60.7	47.0	70.6

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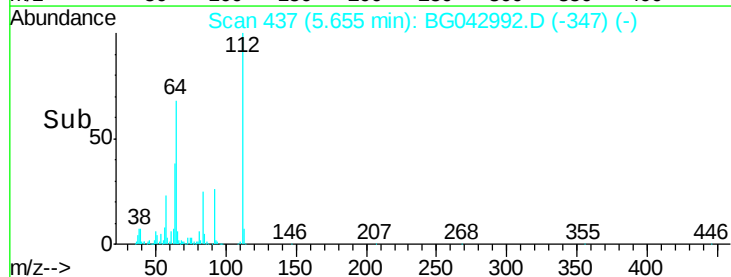
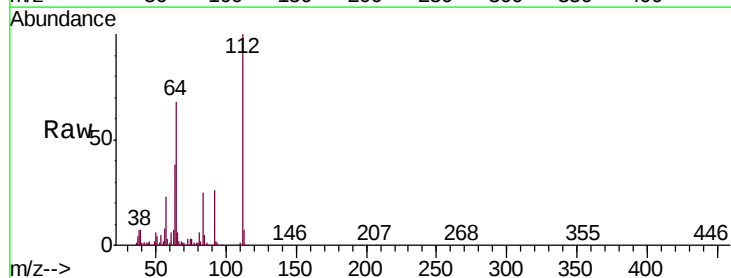
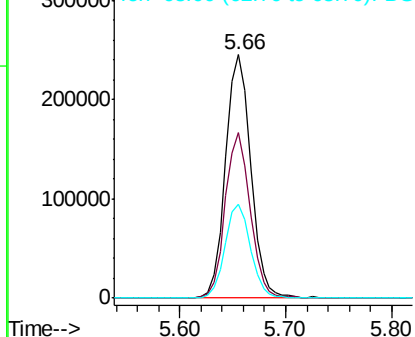
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

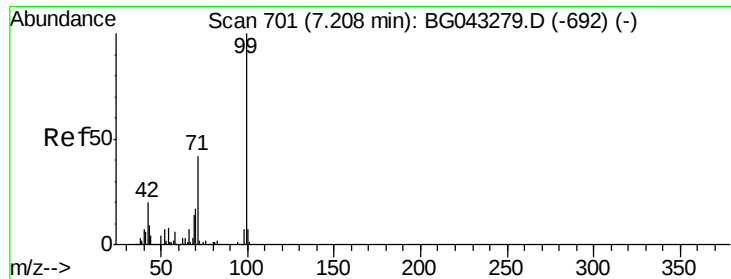


#5
 2-Fluorophenol
 Concen: 98.675 ng
 RT: 5.66 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG042992.D
 Acq: 2 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.6	84.8
63	38.5	35.1	52.7

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: 70.046 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042992.D

Acq: 2 Oct 2019 19:44

Instrument :

BNA_G

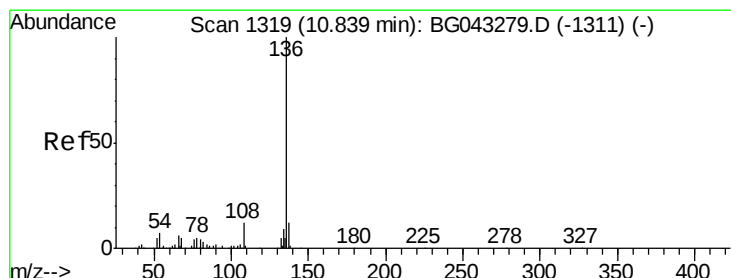
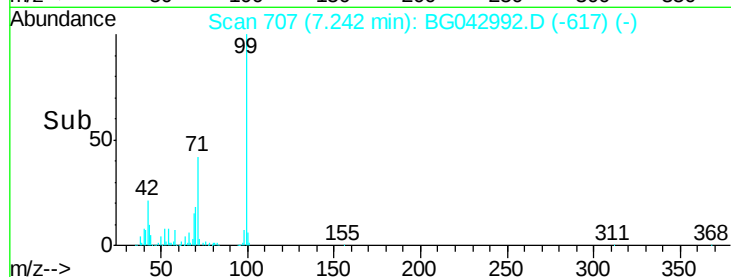
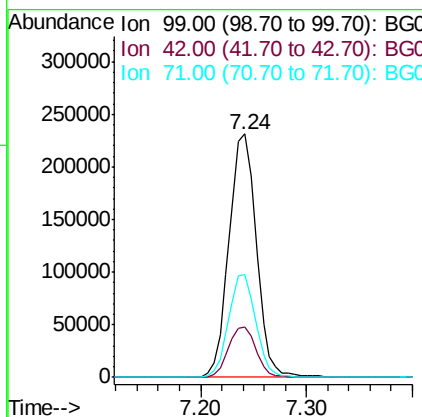
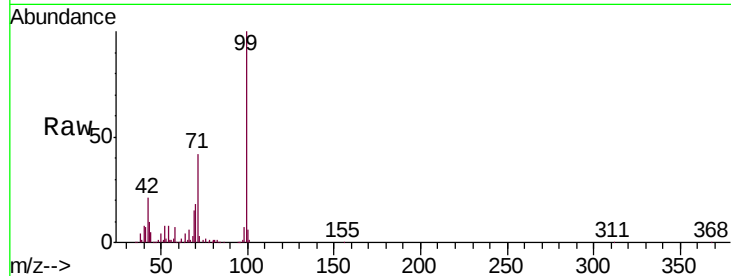
ClientSampleId :

MW-106D

Tgt Ion:	99	Resp:	415177
Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.2	25.8
71	42.3	33.1	49.7

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#21

Naphthalene-d8

Concen: 20.000 ng

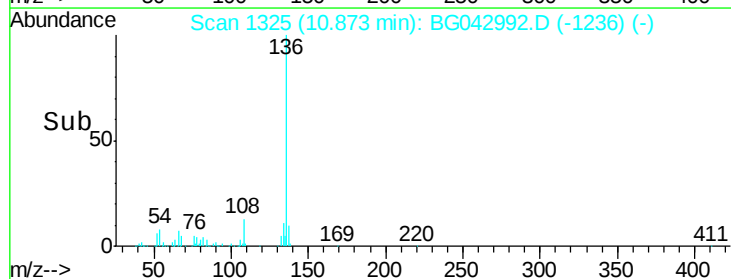
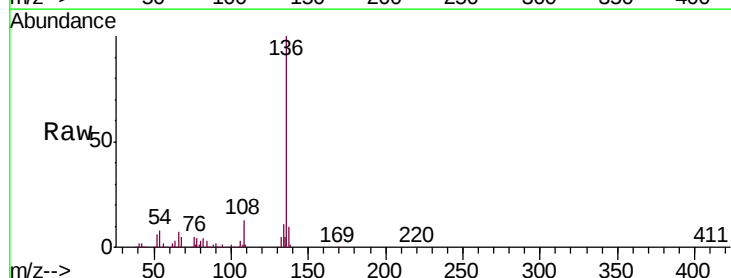
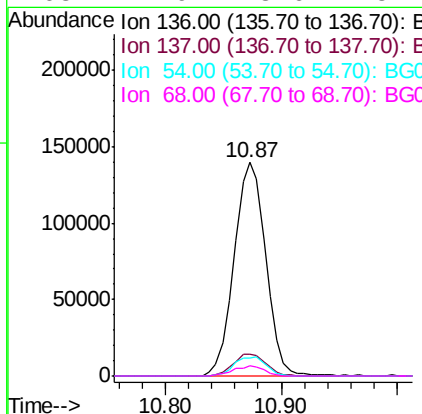
RT: 10.87 min Scan# 1325

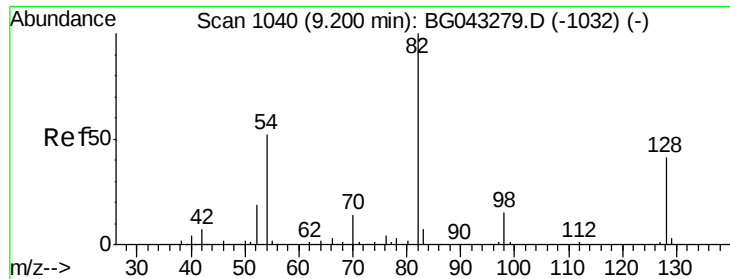
Delta R.T. -0.01 min

Lab File: BG042992.D

Acq: 2 Oct 2019 19:44

Tgt Ion:	136	Resp:	264598
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	8.2	7.4	11.2
68	4.9	3.6	5.4





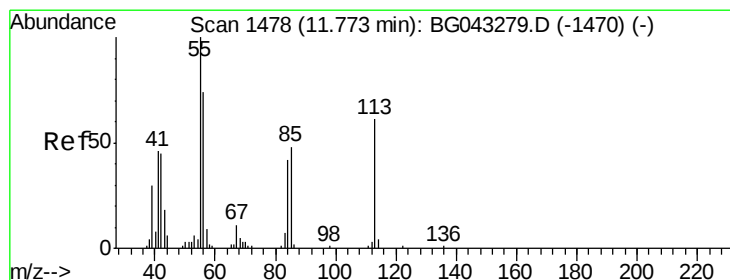
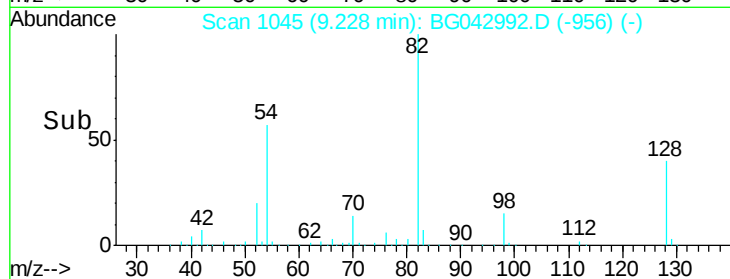
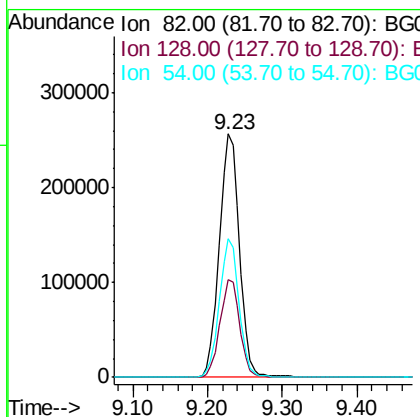
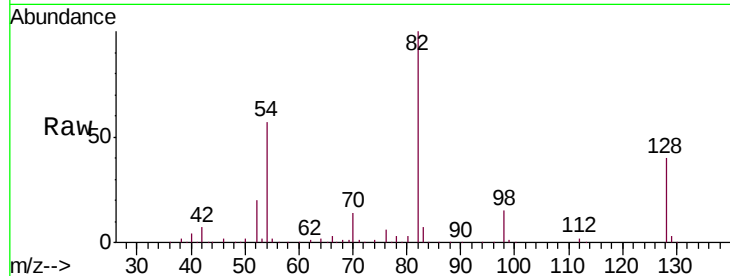
#23
Nitrobenzene-d5
Concen: 88.474 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	481635		
128	40.4	29.5	44.3	
54	56.9	44.6	67.0	

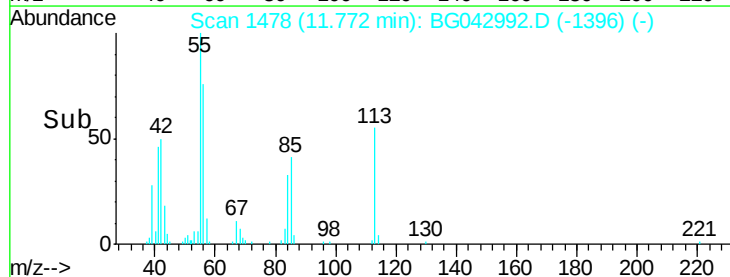
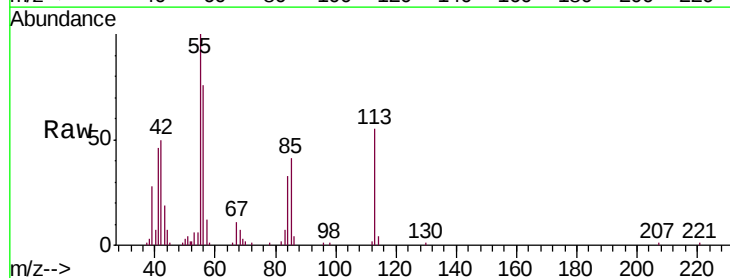
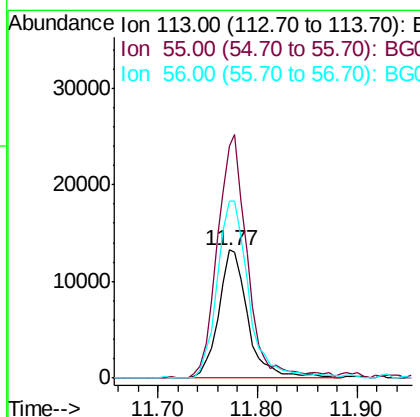
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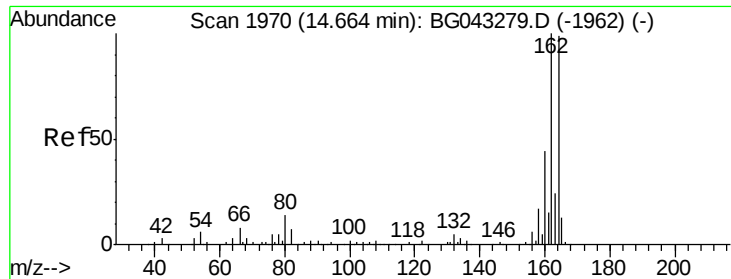
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#35
Caprolactam
Concen: 18.184 ng m
RT: 11.77 min Scan# 1478
Delta R.T. -0.05 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	27073		
55	181.8	175.5	215.5	
56	138.3	142.3	182.3	





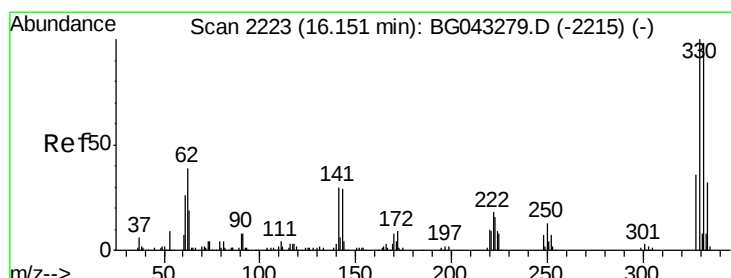
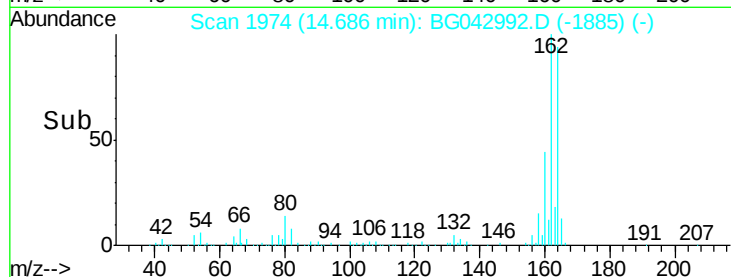
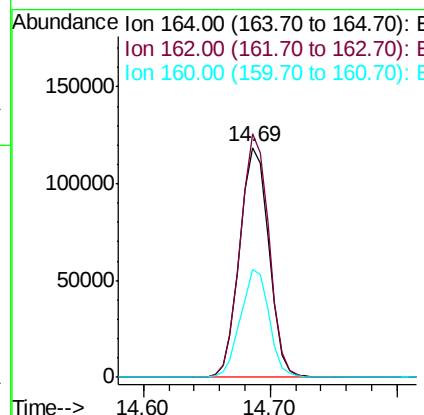
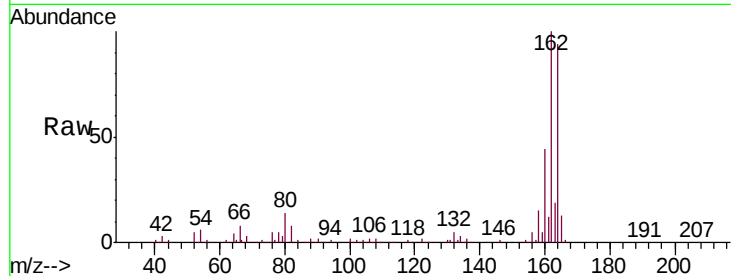
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
MW-106D

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	189592		
162	106.0	78.5	117.7	
160	46.8	35.9	53.9	

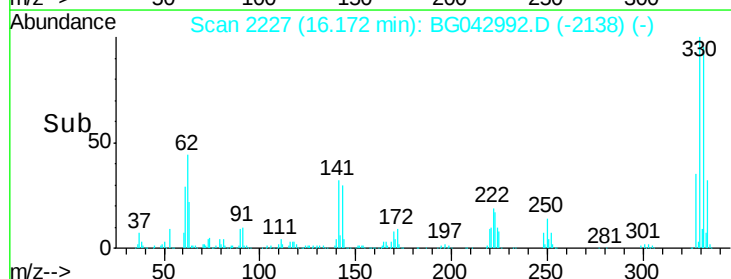
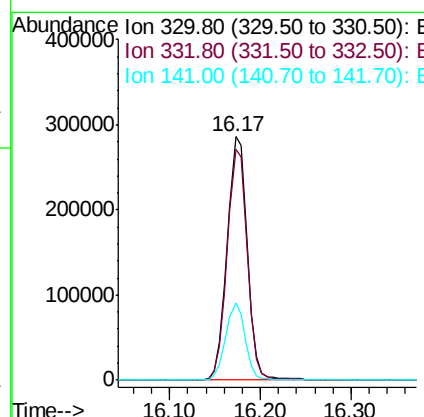
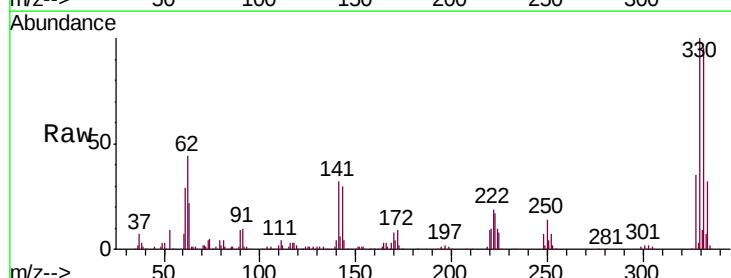
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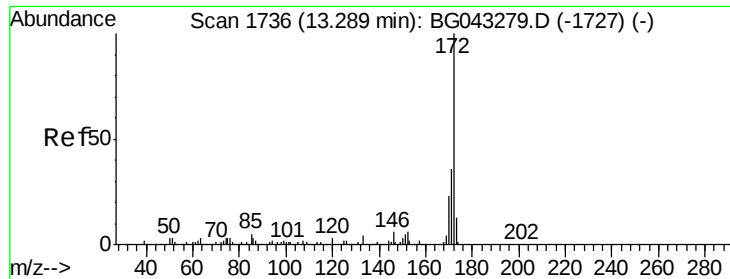
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#42
2,4,6-Tribromophenol
Concen: 135.053 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	440295		
332	95.3	78.2	117.2	
141	30.7	26.0	39.0	





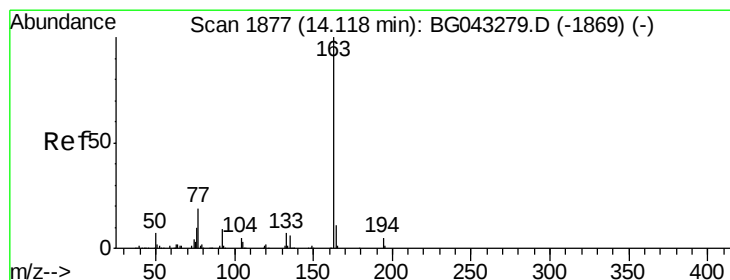
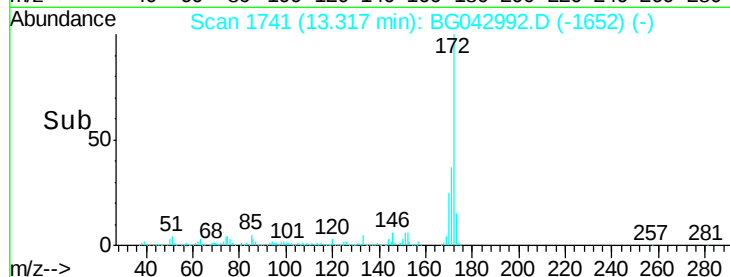
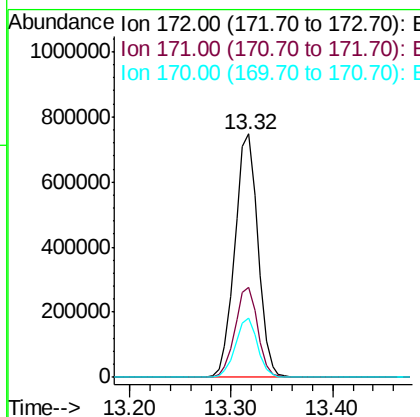
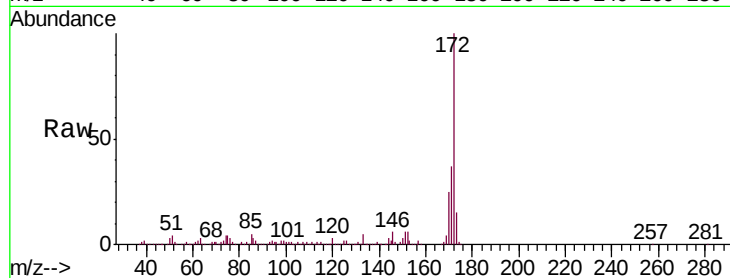
#45
2-Fluorobiphenyl
Concen: 90.642 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:172 Resp: 1185420
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.6 19.6 29.4

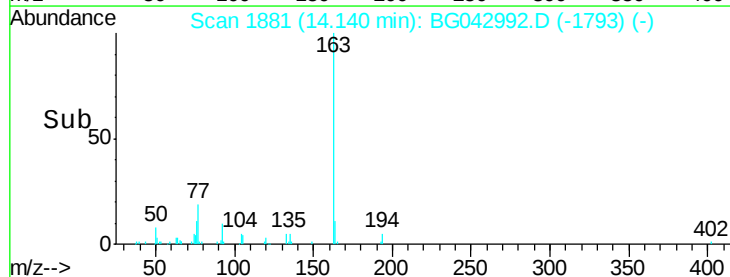
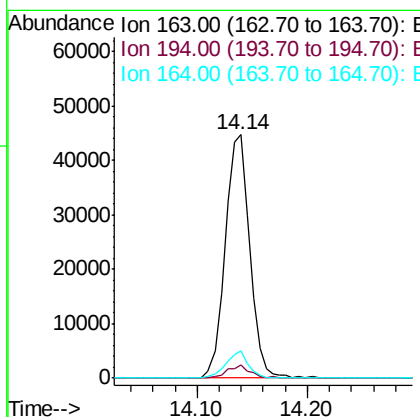
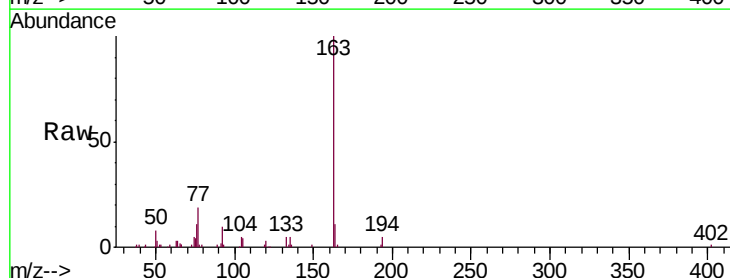
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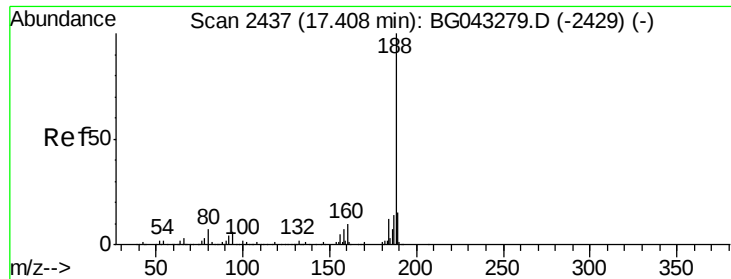
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#50
Dimethylphthalate
Concen: 4.897 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042992.D
Acq: 2 Oct 2019 19:44

Tgt Ion:163 Resp: 69564
Ion Ratio Lower Upper
163 100
194 5.3 4.4 6.6
164 11.2 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: BG042992.D

Acq: 2 Oct 2019 19:44

Instrument :

BNA_G

ClientSampleId :

MW-106D

Tgt Ion:188 Resp: 432538

Ion Ratio Lower Upper

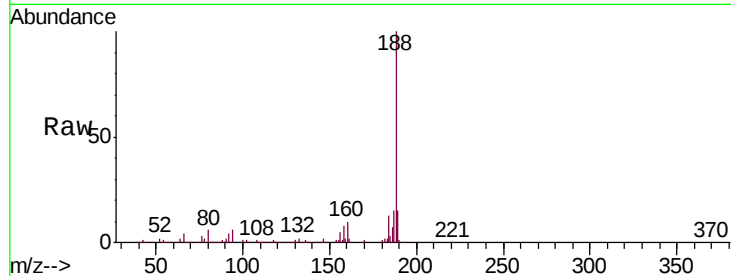
188 100

94 5.8 5.7 8.5

80 6.4 6.5 9.7#

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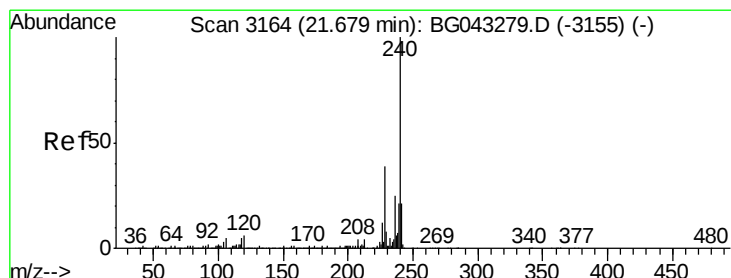
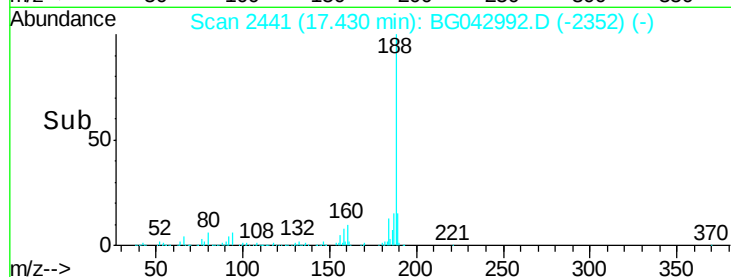
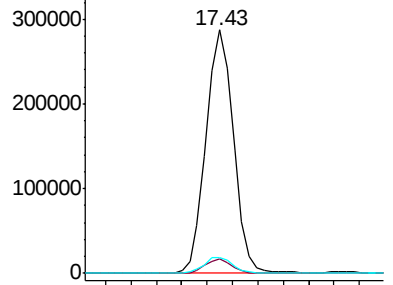
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042992.D

Acq: 2 Oct 2019 19:44

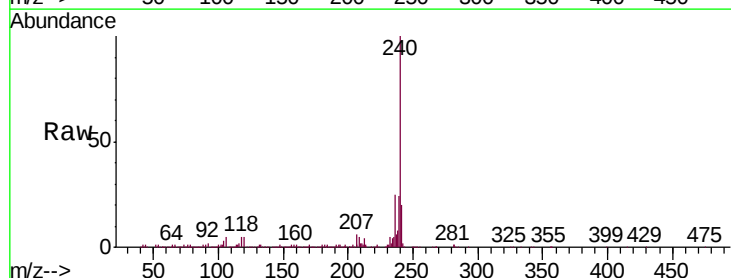
Tgt Ion:240 Resp: 458508

Ion Ratio Lower Upper

240 100

120 5.2 4.8 7.2

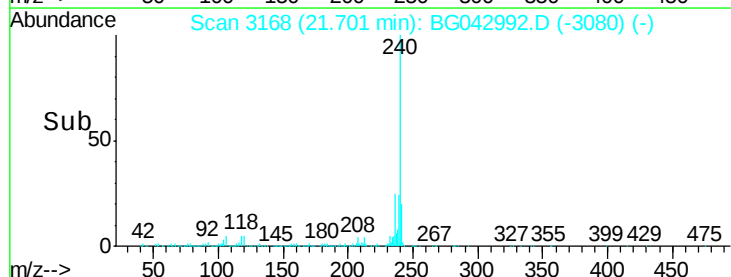
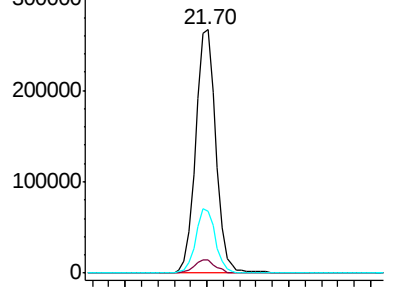
236 25.3 21.4 32.0

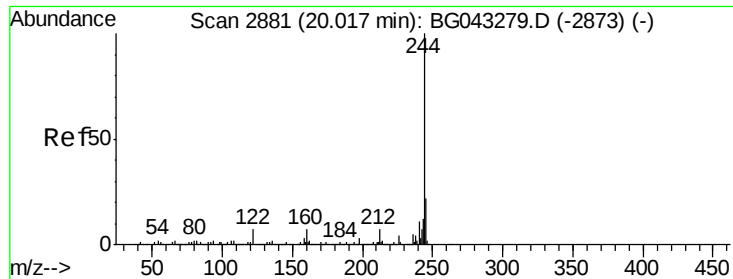


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.833 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042992.D

Acq: 2 Oct 2019 19:44

Instrument :

BNA_G

ClientSampleId :

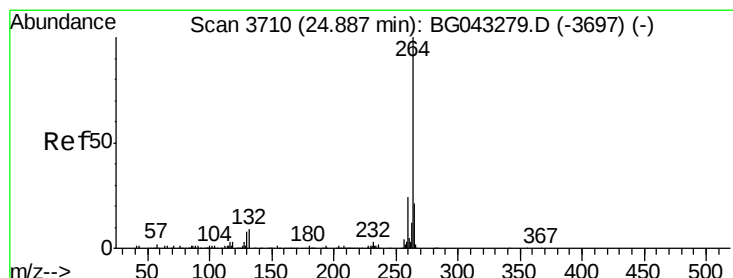
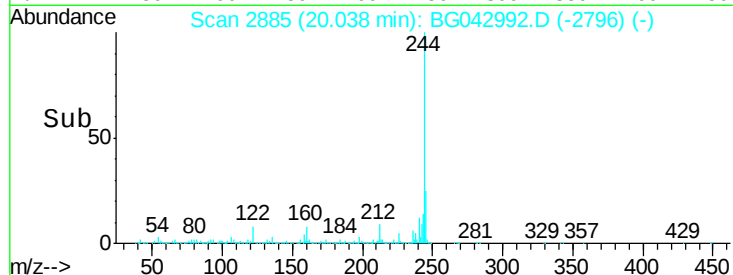
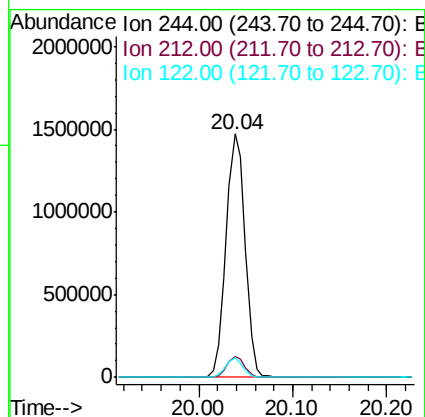
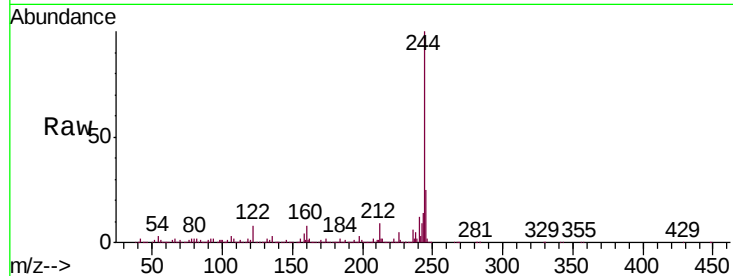
MW-106D

Tgt Ion:244 Resp: 2083586

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	8.2	7.0	10.4

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#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042992.D

Acq: 2 Oct 2019 19:44

Tgt Ion:264 Resp: 531271

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	17.7	26.5

