

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109939.D
 Acq On : 17 Oct 2018 23:56
 Operator : JU/SJ
 Sample : J5539-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-8FT

Manual Integrations
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Quant Time: Oct 18 12:13:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	166114	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	388626	20.00	ng	0.01
39) Acenaphthene-d10	10.06	164	143498	20.00	ng	0.04
64) Phenanthrene-d10	11.56	188	272848	20.00	ng	0.04
76) Chrysene-d12	14.16	240	506970	20.00	ng	0.00
87) Perylene-d12	15.68	264	493334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1254565	119.72	ng	0.00
7) Phenol-d6	6.60	99	1550854	119.18	ng	0.00
23) Nitrobenzene-d5	7.55	82	876658	151.96	ng	0.00
42) 2,4,6-Tribromophenol	10.86	330	155812m	125.42	ng	0.04
45) 2-Fluorobiphenyl	9.36	172	790384	87.89	ng	0.02
79) Terphenyl-d14	13.12	244	1106184	45.82	ng	0.01
Target Compounds						
10) Phenol	6.60	94	82321	5.859	ng	Qvalue # 77
27) 2,4-Dimethylphenol	7.93	122	79650m	14.588	ng	
31) Naphthalene	8.30	128	984097	55.221	ng	# 87
37) 2-Methylnaphthalene	9.00	142	1224714	106.131	ng	98
38) 1-Methylnaphthalene	9.11	142	2405814	215.153	ng	# 99
52) Acenaphthene	10.10	154	258595	29.689	ng	# 69
58) Fluorene	10.62	166	532577	58.897	ng	# 80
71) Phenanthrene	11.59	178	2008221	142.170	ng	# 93
75) Fluoranthene	12.76	202	108828m	7.712	ng	
78) Pyrene	12.99	202	549748	14.764	ng	# 87

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

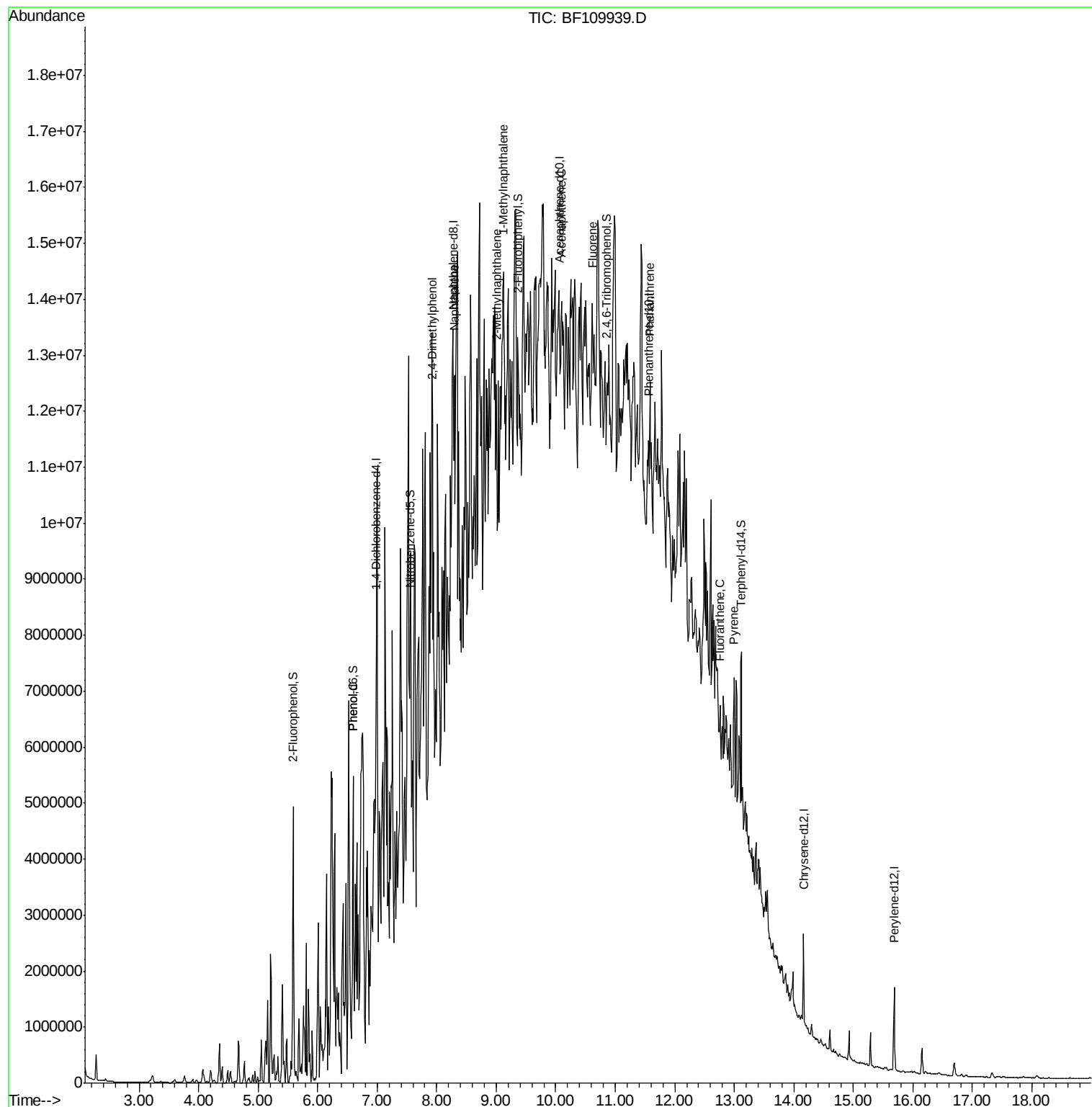
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109939.D
Acq On : 17 Oct 2018 23:56
Operator : JU/SJ
Sample : J5539-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

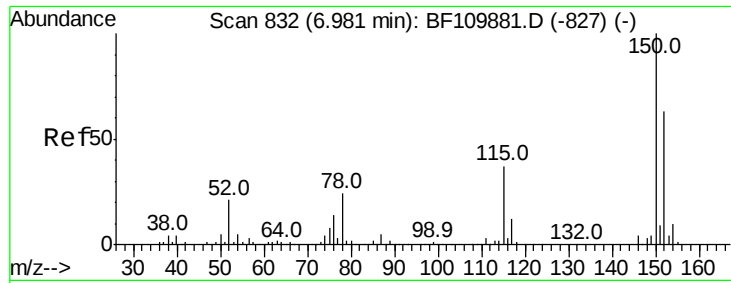
Instrument :
BNA_F
ClientSampleId :
SB-1-6-8FT

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Quant Time: Oct 18 12:13:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration





#1

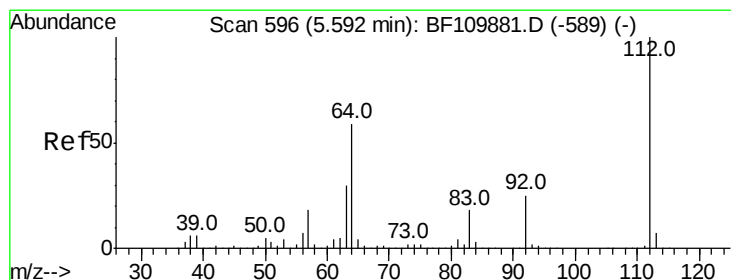
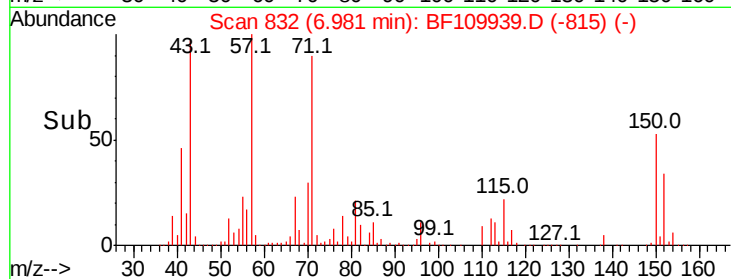
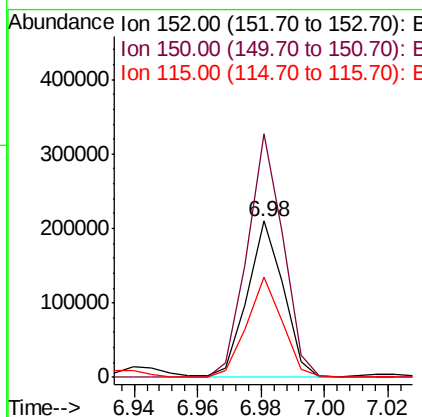
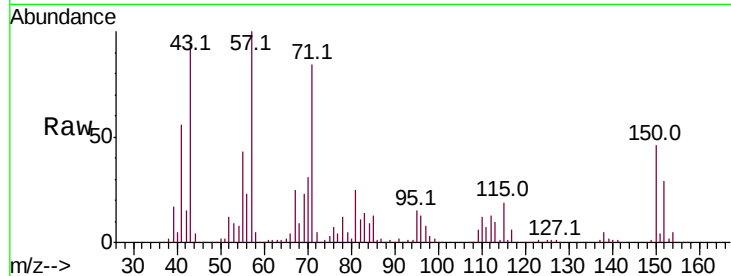
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
SB-1-6-8FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	63.9	49.1	73.7

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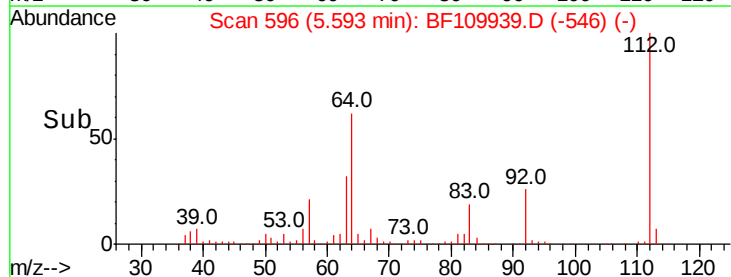
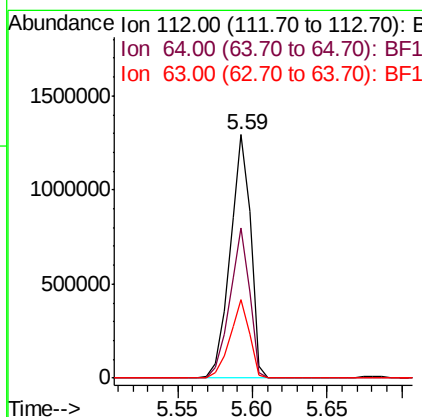
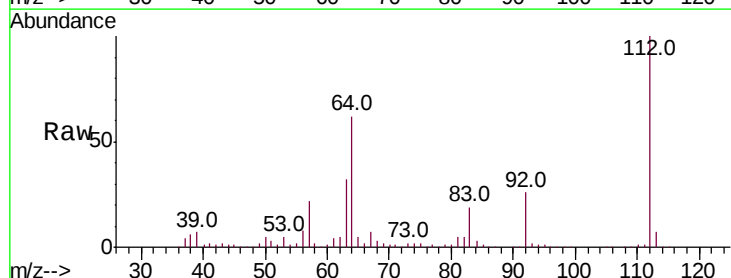
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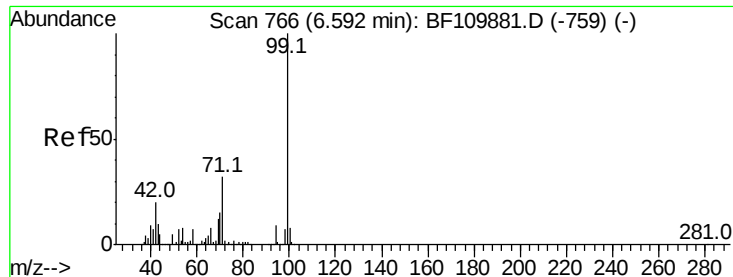


#5

2-Fluorophenol
Concen: 119.716 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 119.179 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

Instrument :

BNA_F

ClientSampled :

SB-1-6-8FT

Tot Ion: 99 Resp: 1550854

Ion Ratio Lower Upper

99 100

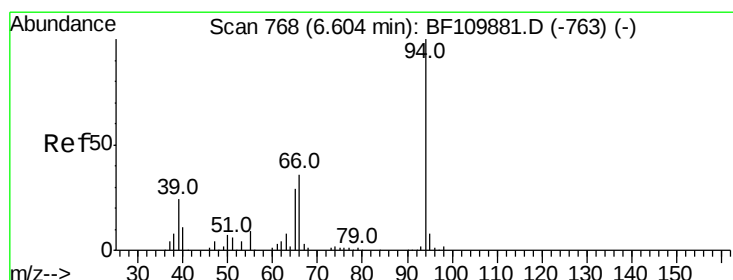
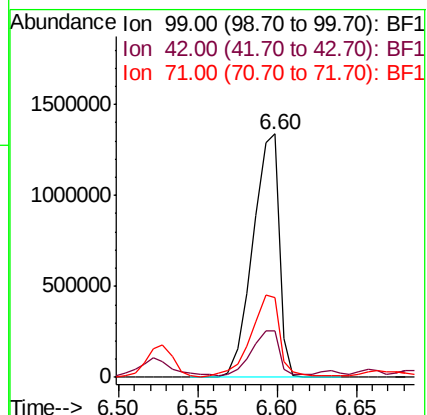
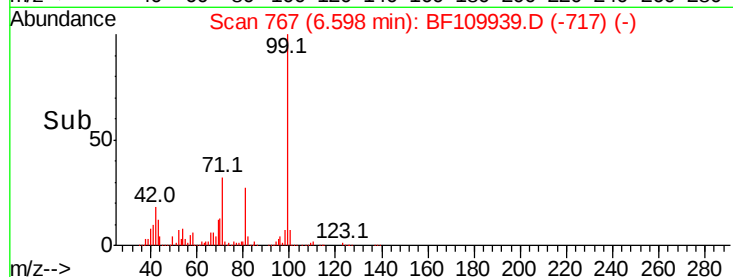
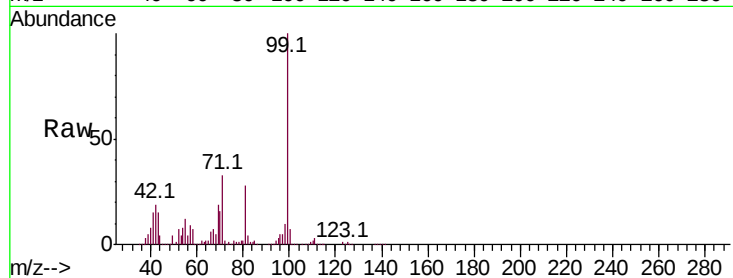
42 18.9 15.8 23.6

71 33.0 28.0 42.0

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#10

Phenol

Concen: 5.859 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

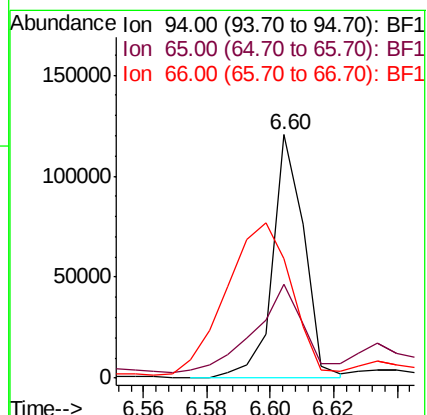
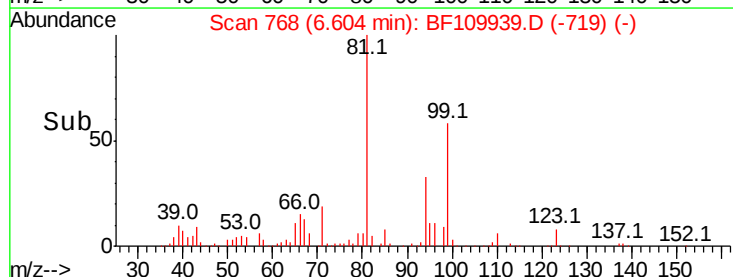
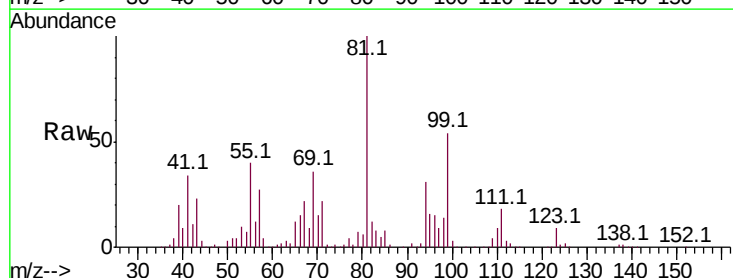
Tgt Ion: 94 Resp: 82321

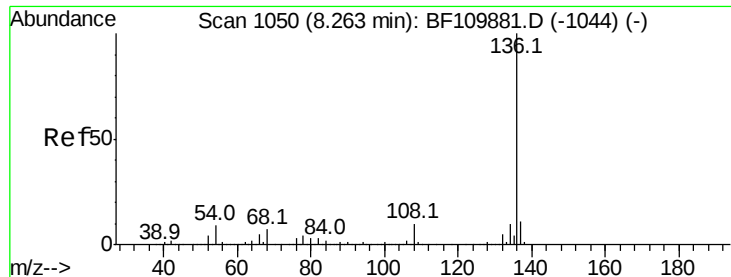
Ion Ratio Lower Upper

94 100

65 38.7 25.3 65.3

66 48.9 54.5 94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

Instrument :

BNA_F

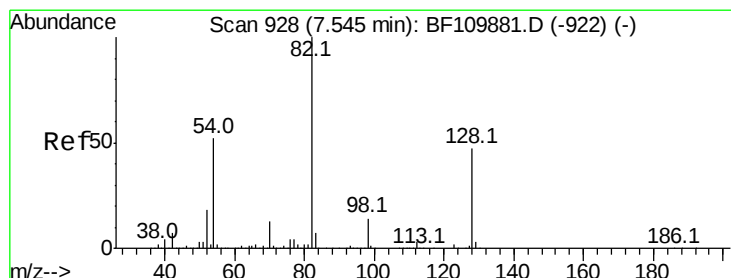
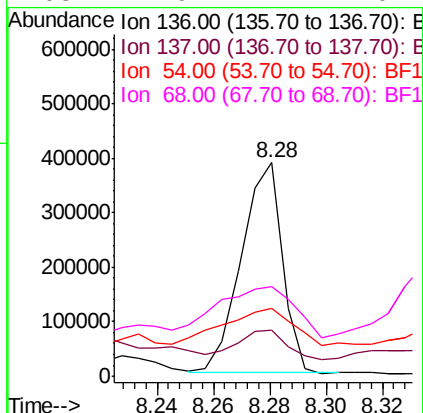
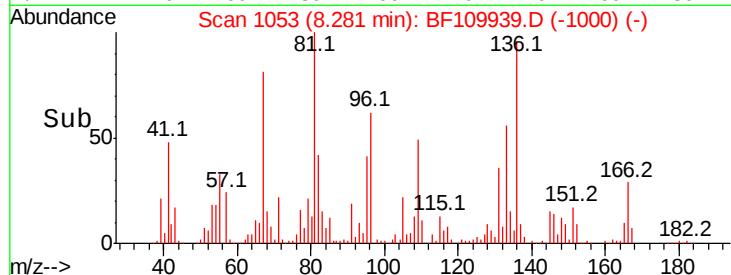
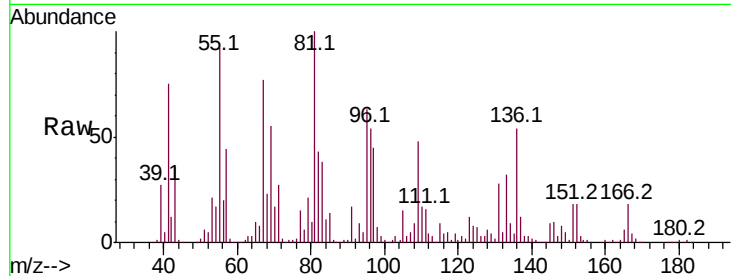
ClientSampleId :

SB-1-6-8FT

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	21.7	8.8	13.2#	
54	31.5	5.4	8.2#	
68	41.9	4.2	6.2#	

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#23

Nitrobenzene-d5

Concen: 151.959 ng

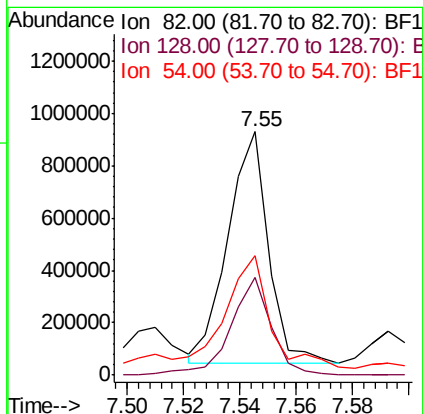
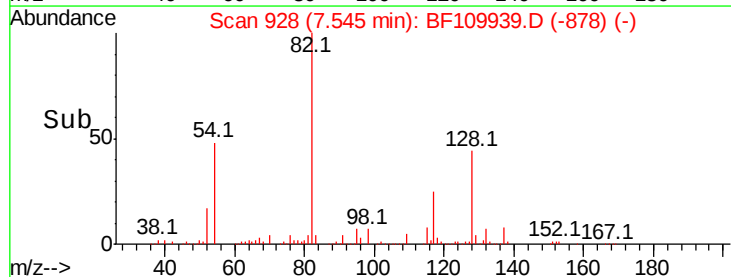
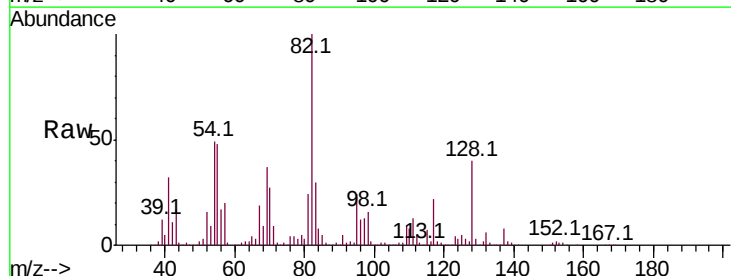
RT: 7.55 min Scan# 928

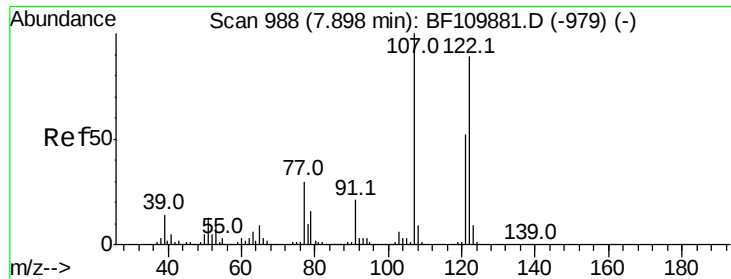
Delta R.T. -0.01 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.2	34.2	51.2	
54	49.0	38.6	58.0	





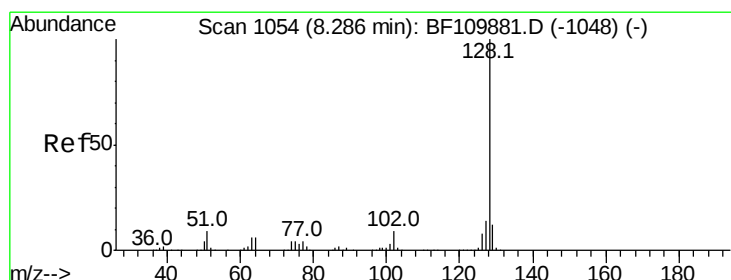
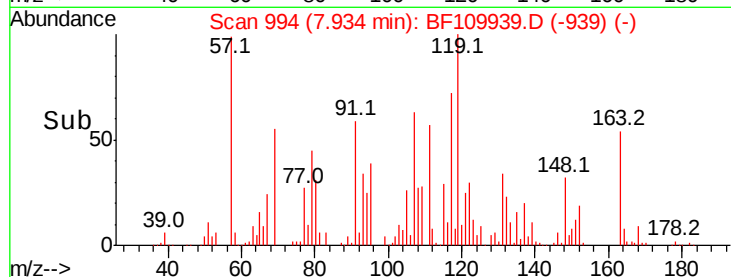
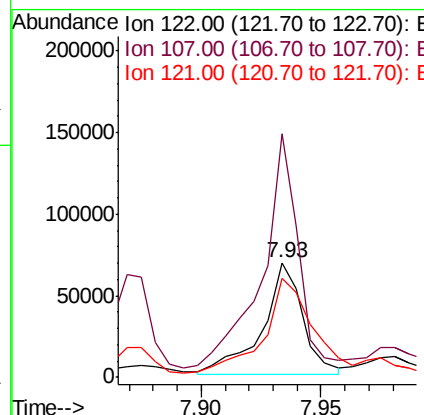
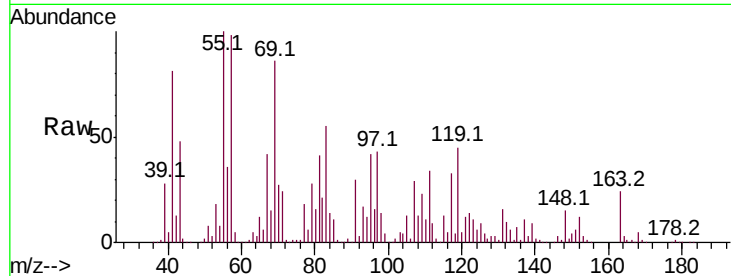
#27
2,4-Dimethylphenol
Concen: 14.588 ng/ml
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Instrument :
BNA_F
ClientSampled :
SB-1-6-8FT

Tot Ion	Ratio	Lower	Upper
122	100		
107	212.8	92.5	138.7#
121	86.0	45.8	68.8#

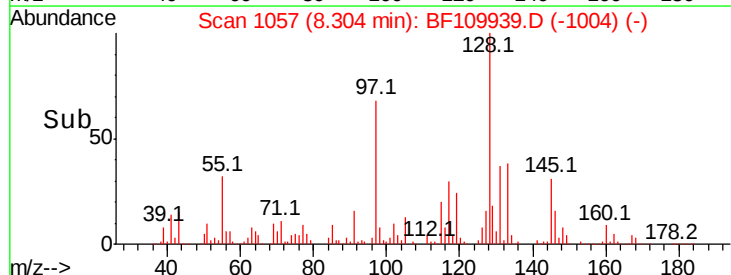
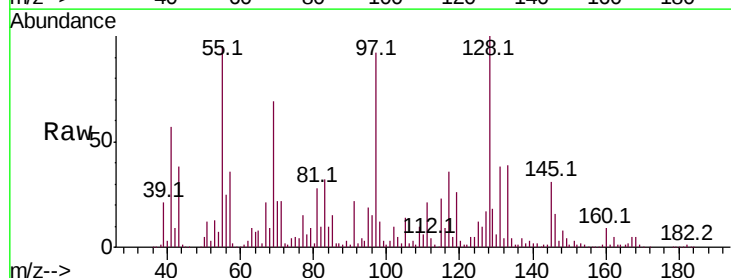
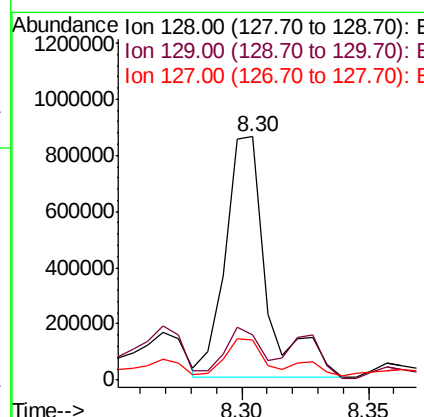
Manual Integrations
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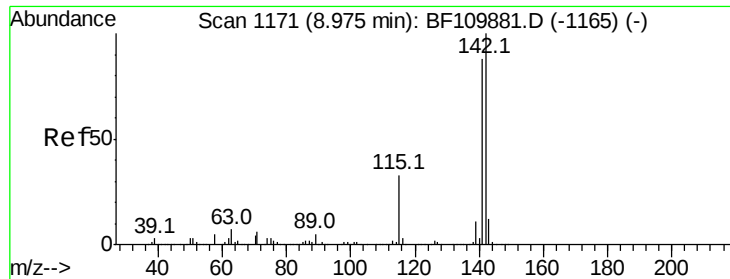
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#31
Naphthalene
Concen: 55.221 ng/ml
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.5	8.8	13.2#
127	16.5	10.8	16.2#





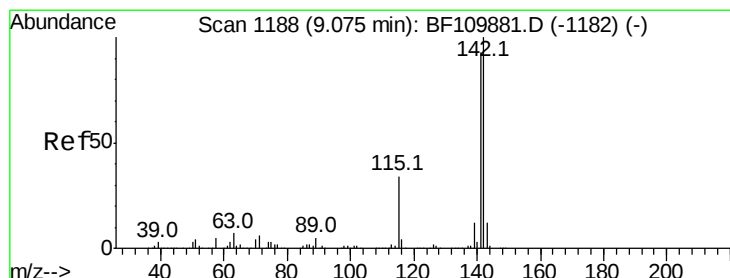
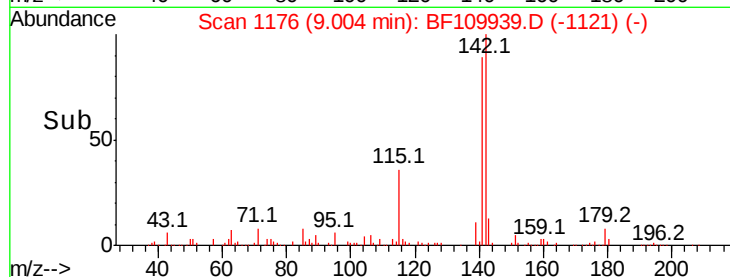
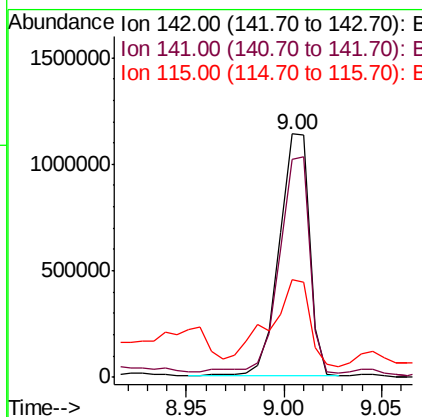
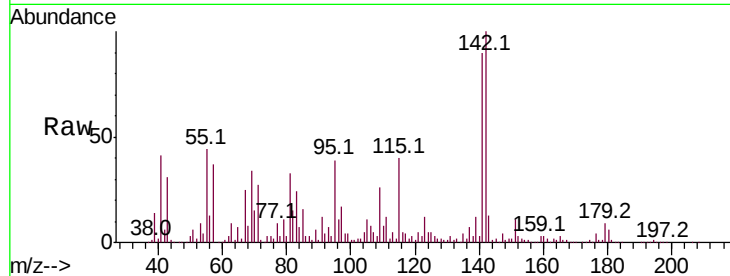
#37
2-Methylnaphthalene
Concen: 106.131 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
SB-1-6-8FT

Tot Ion:142 Resp: 1224714
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 40.1 28.7 43.1

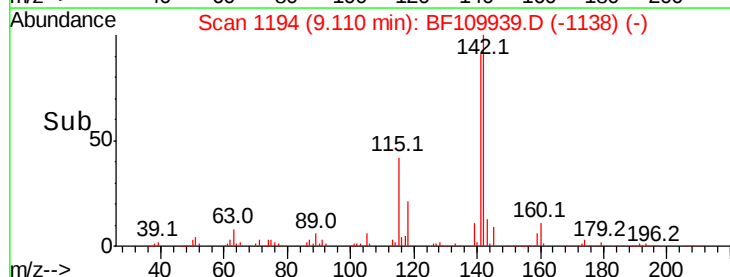
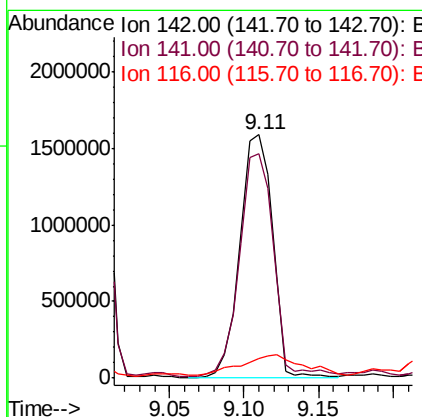
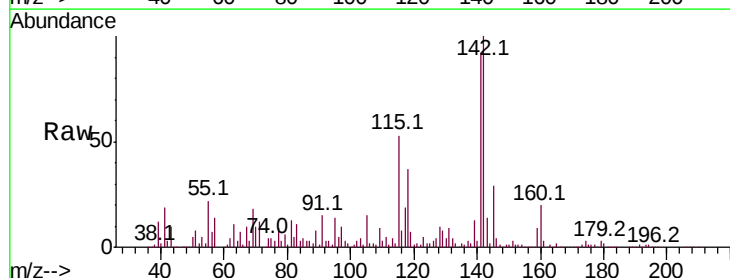
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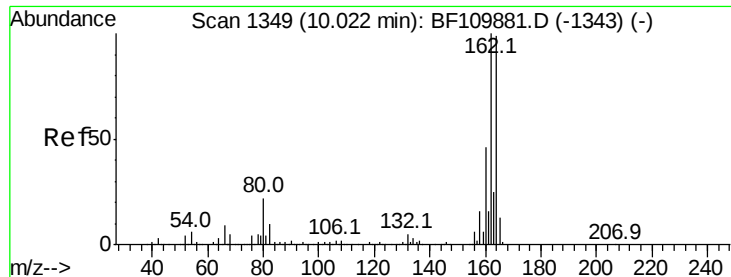
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#38
1-Methylnaphthalene
Concen: 215.153 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.03 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Tgt Ion:142 Resp: 2405814
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4
116 8.3 2.6 4.0#





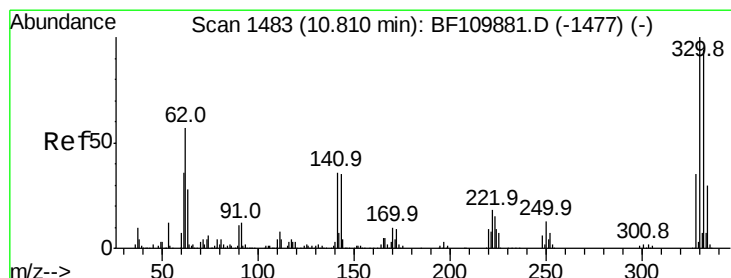
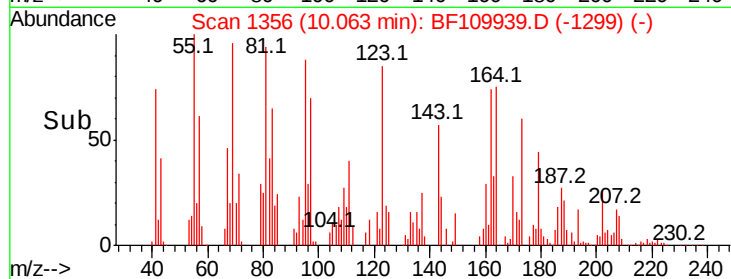
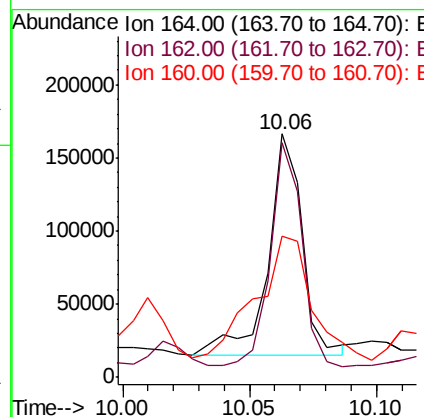
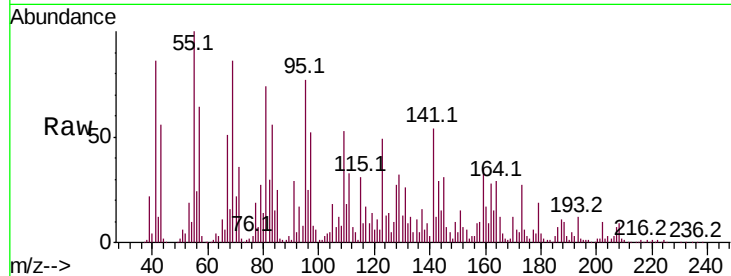
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
SB-1-6-8FT

Tot Ion:164 Resp: 143498
Ion Ratio Lower Upper
164 100
162 96.3 83.0 124.6
160 57.9 37.0 55.6#

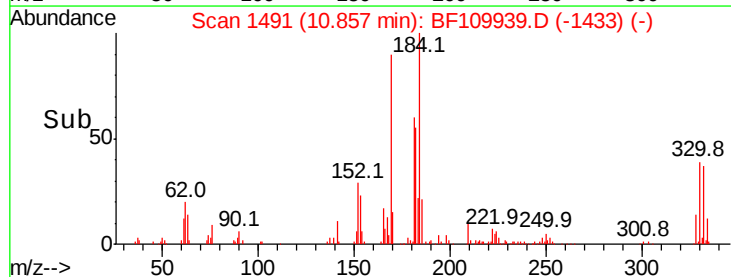
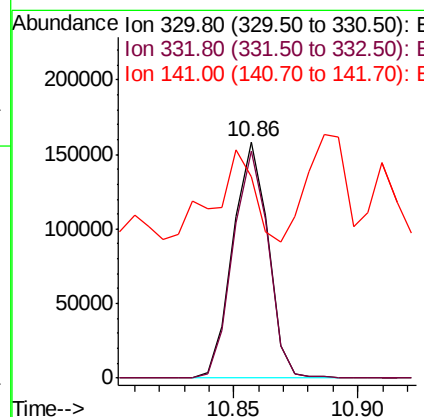
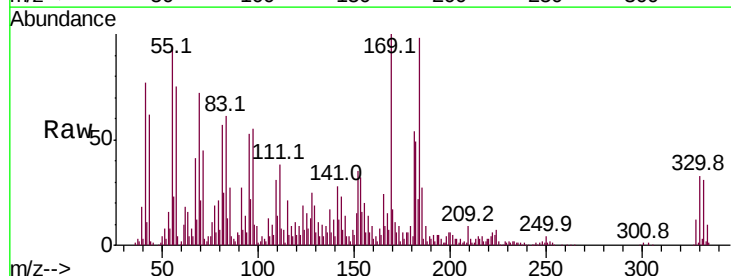
Manual Integrations
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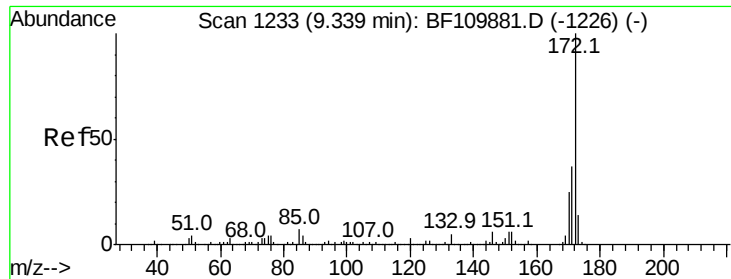
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#42
2,4,6-Tribromophenol
Concen: 125.415 ng m
RT: 10.86 min Scan# 1491
Delta R.T. 0.04 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Tgt Ion:330 Resp: 155812
Ion Ratio Lower Upper
330 100
332 0.0 77.1 115.7#
141 0.0 27.0 40.4#





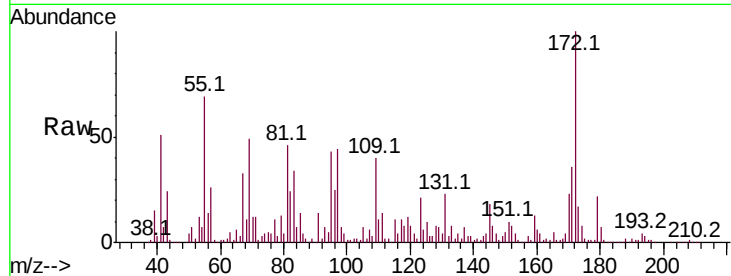
#45
2-Fluorobiphenyl
Concen: 87.888 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.02 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
SB-1-6-8FT

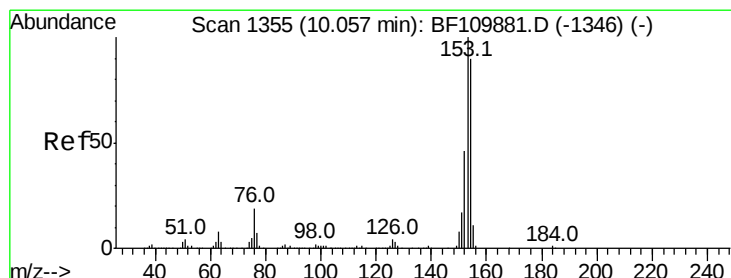
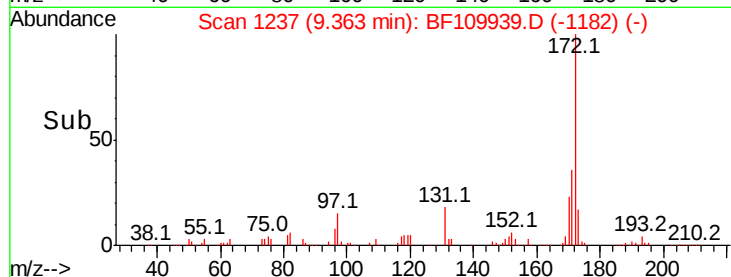
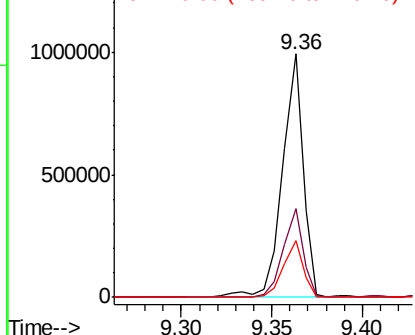
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.4	19.7	29.5

Manual Integrations
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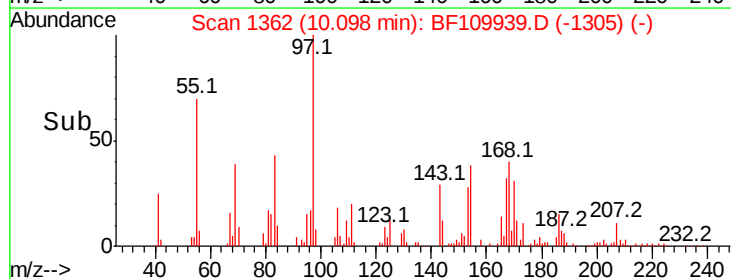
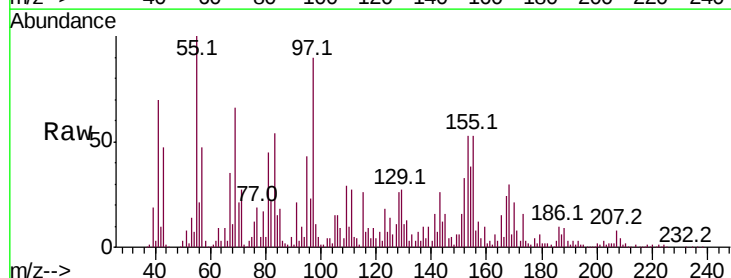
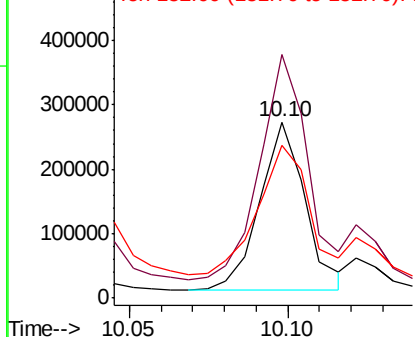
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

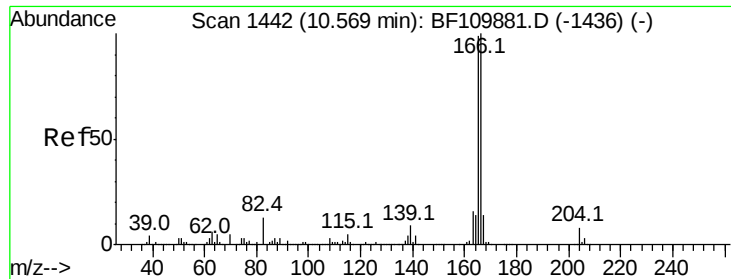


#52
Acenaphthene
Concen: 29.689 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.04 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	138.4	90.1	135.1#
152	86.9	43.4	65.2#

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





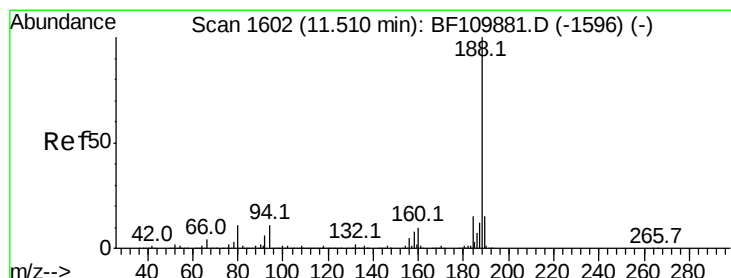
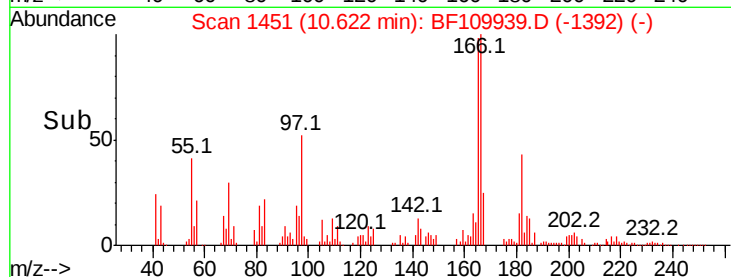
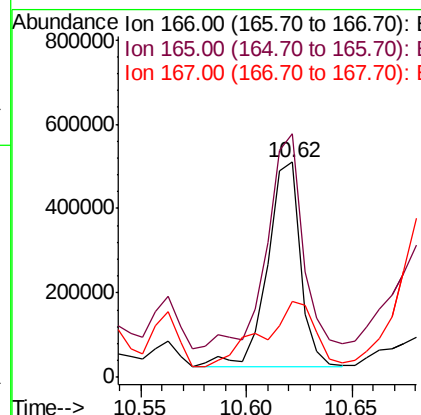
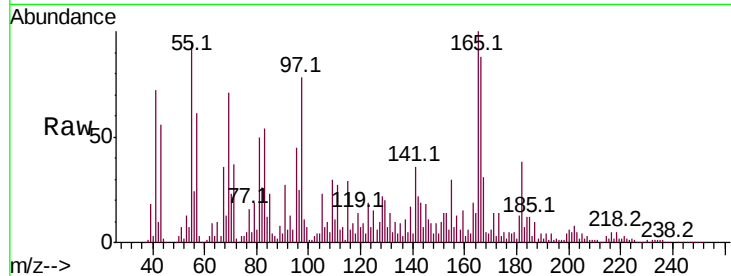
#58
 Fluorene
 Concen: 58.897 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.05 min
 Lab File: BF109939.D
 Acq: 17 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-8FT

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	113.1	78.6	117.8	
167	35.1	10.8	16.2#	

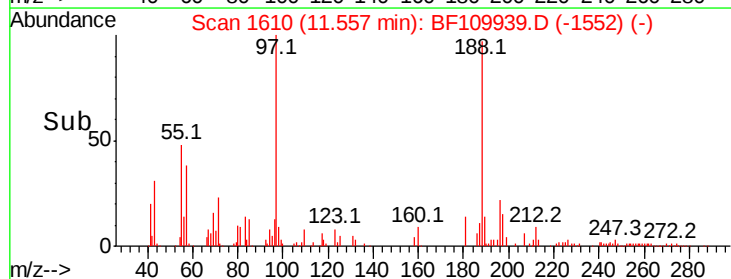
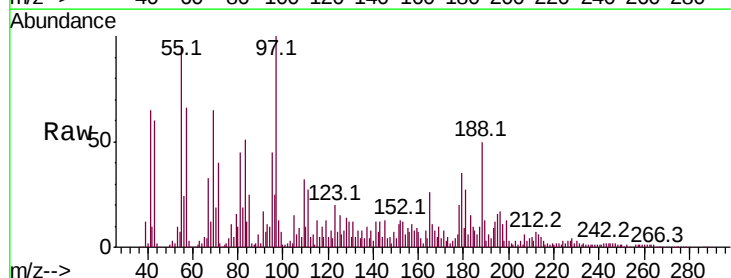
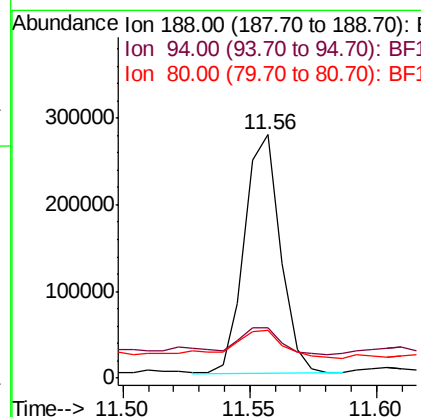
Manual Integrations
 APPROVED

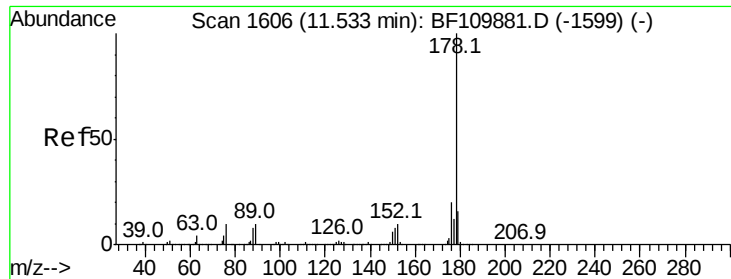
Sohil
 10/18/2018 2:59:40 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.04 min
 Lab File: BF109939.D
 Acq: 17 Oct 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	20.6	7.2	10.8#	
80	19.9	7.9	11.9#	





#71

Phenanthrene

Concen: 142.170 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.04 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

Instrument :

BNA_F

ClientSampled :

SB-1-6-8FT

Tot Ion:178 Resp: 2008221

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

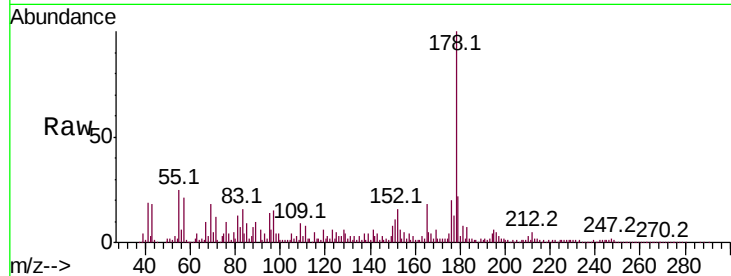
179 21.8 12.5 18.7#

Manual Integrations

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Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

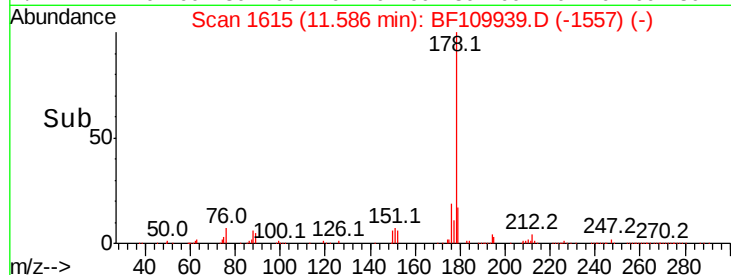
1500000

1000000

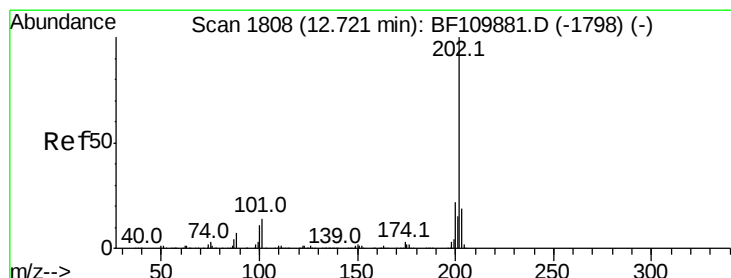
500000

0

Time-->



Time-->



#75

Fluoranthene

Concen: 7.712 ng m

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

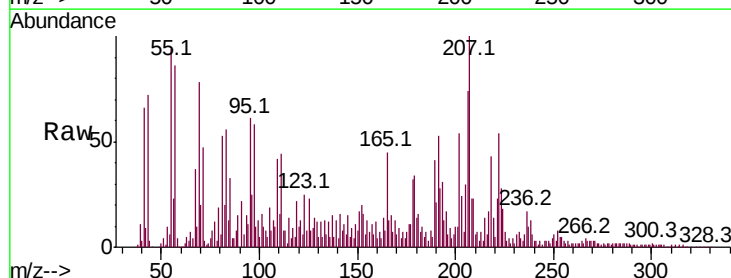
Tgt Ion:202 Resp: 108828

Ion Ratio Lower Upper

202 100

101 30.0 0.0 31.4

203 44.8 0.0 37.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

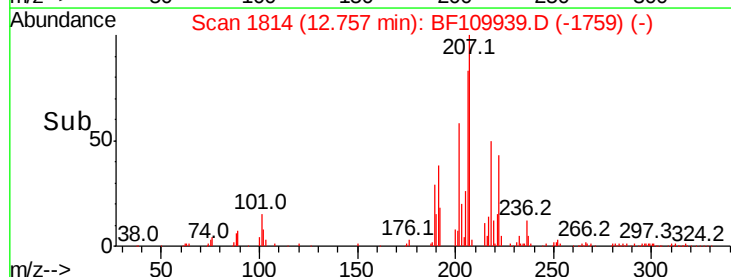
150000

100000

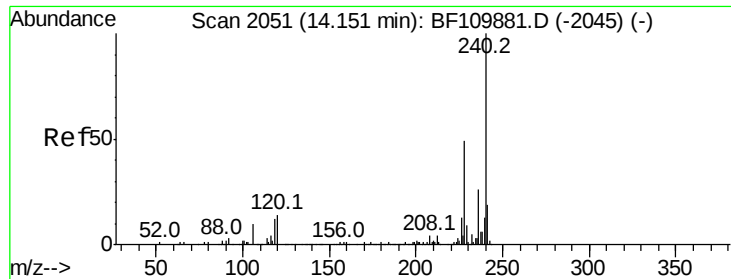
50000

0

Time-->



Time-->



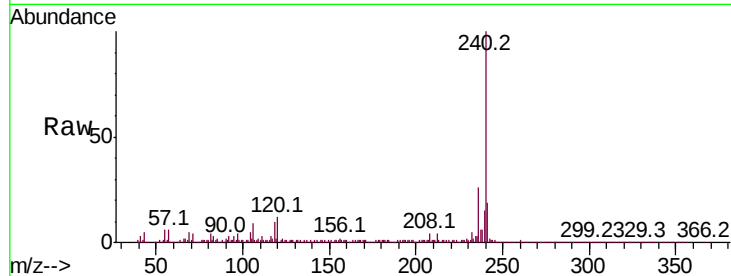
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
SB-1-6-8FT

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.5	8.3	12.5	
236	25.7	21.2	31.8	

Manual Integrations
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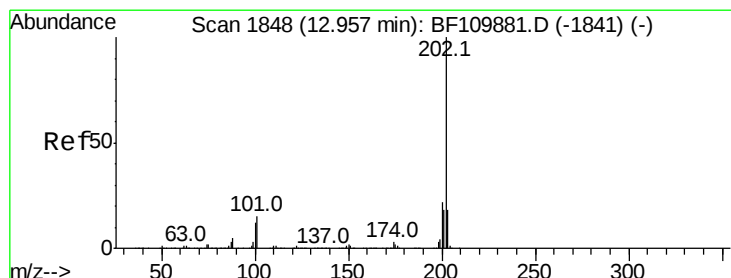
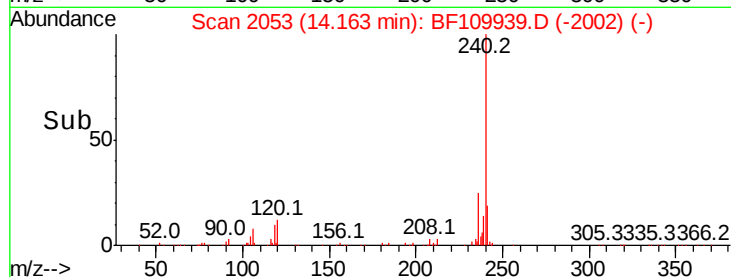
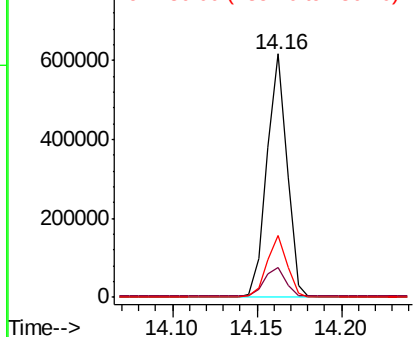


Abundance

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



#78
Pyrene
Concen: 14.764 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.02 min
Lab File: BF109939.D
Acq: 17 Oct 2018 23:56

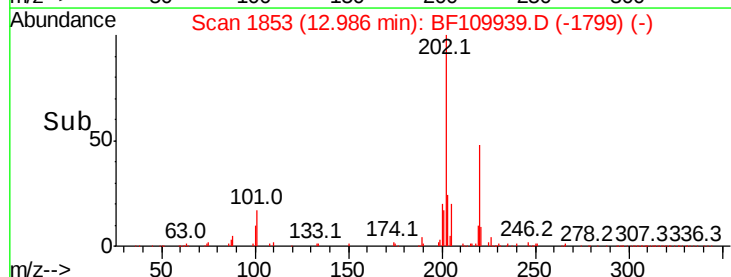
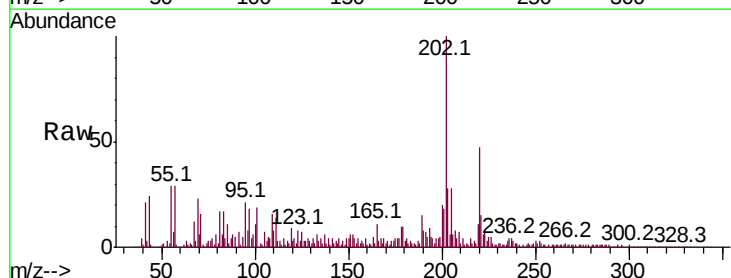
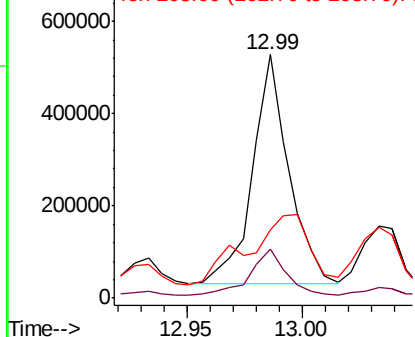
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.1	17.8	26.6	
203	28.1	14.2	21.4	

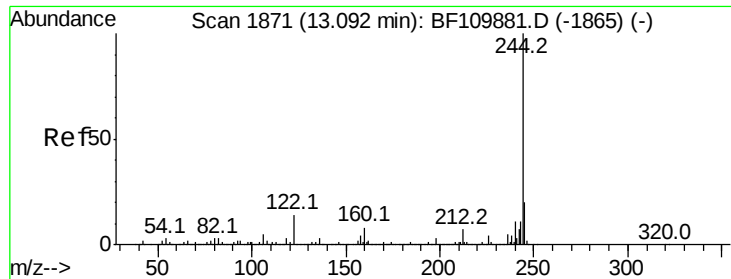
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.819 ng

RT: 13.12 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

Instrument :

BNA_F

ClientSampled :

SB-1-6-8FT

Tot Ion:244 Resp: 1106184

Ion Ratio Lower Upper

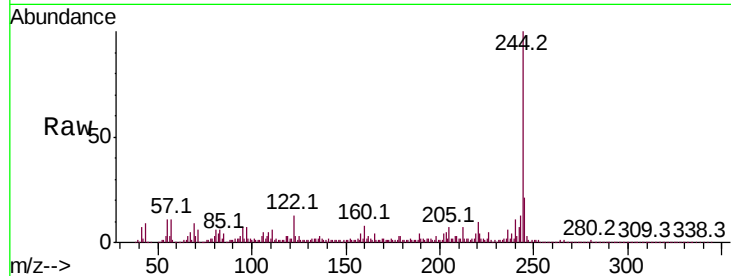
244 100

212 7.3 5.8 8.8

122 12.8 8.7 13.1

Manual Integrations
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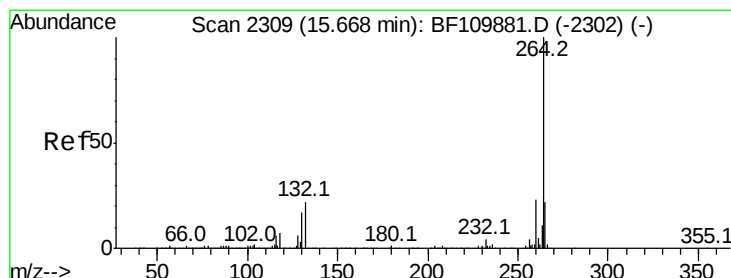
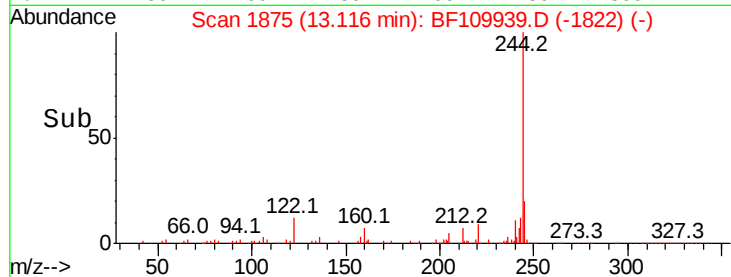
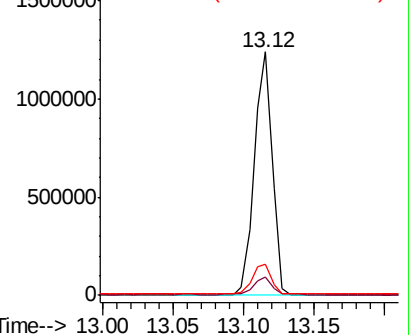
Sohil
10/18/2018 2:59:40 PM



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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109939.D

Acq: 17 Oct 2018 23:56

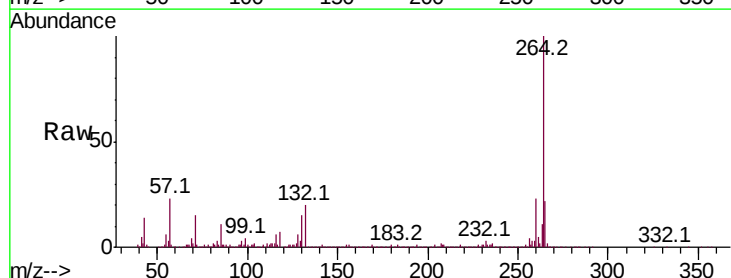
Tgt Ion:264 Resp: 493334

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.7 16.7 25.1



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

