

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109971.D
 Acq On : 18 Oct 2018 20:58
 Operator : JU/SJ
 Sample : J5571-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Manual Integrations
 APPROVED

Quant Time: Oct 19 04:42:51 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	6.97	152	184709	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	669142	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	284825	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	443619	20.00	ng	0.00
76) Chrysene-d12	14.16	240	373419	20.00	ng	0.00
87) Perylene-d12	15.68	264	404145	20.00	ng	-0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	567220	48.68	ng	-0.01
7) Phenol-d6	6.59	99	428219	29.59	ng	-0.02
23) Nitrobenzene-d5	7.54	82	966038	97.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	302529	122.68	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1606538	90.00	ng	0.00
79) Terphenyl-d14	13.10	244	1158299	65.14	ng	0.00

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Target Compounds

						Qvalue
10) Phenol	6.60	94	62447	3.997	ng	# 62
31) Naphthalene	8.28	128	229262	7.472	ng	# 95
37) 2-Methylnaphthalene	8.97	142	248501	12.507	ng	97
38) 1-Methylnaphthalene	9.07	142	455914m	23.680	ng	
50) Dimethylphthalate	9.73	163	55672	2.760	ng	# 73
52) Acenaphthene	10.05	154	87343	5.052	ng	95
55) Dibenzofuran	10.22	168	92500	3.752	ng	# 94
58) Fluorene	10.57	166	142947	7.964	ng	99
73) Carbazole	11.74	167	71028	3.130	ng	# 94

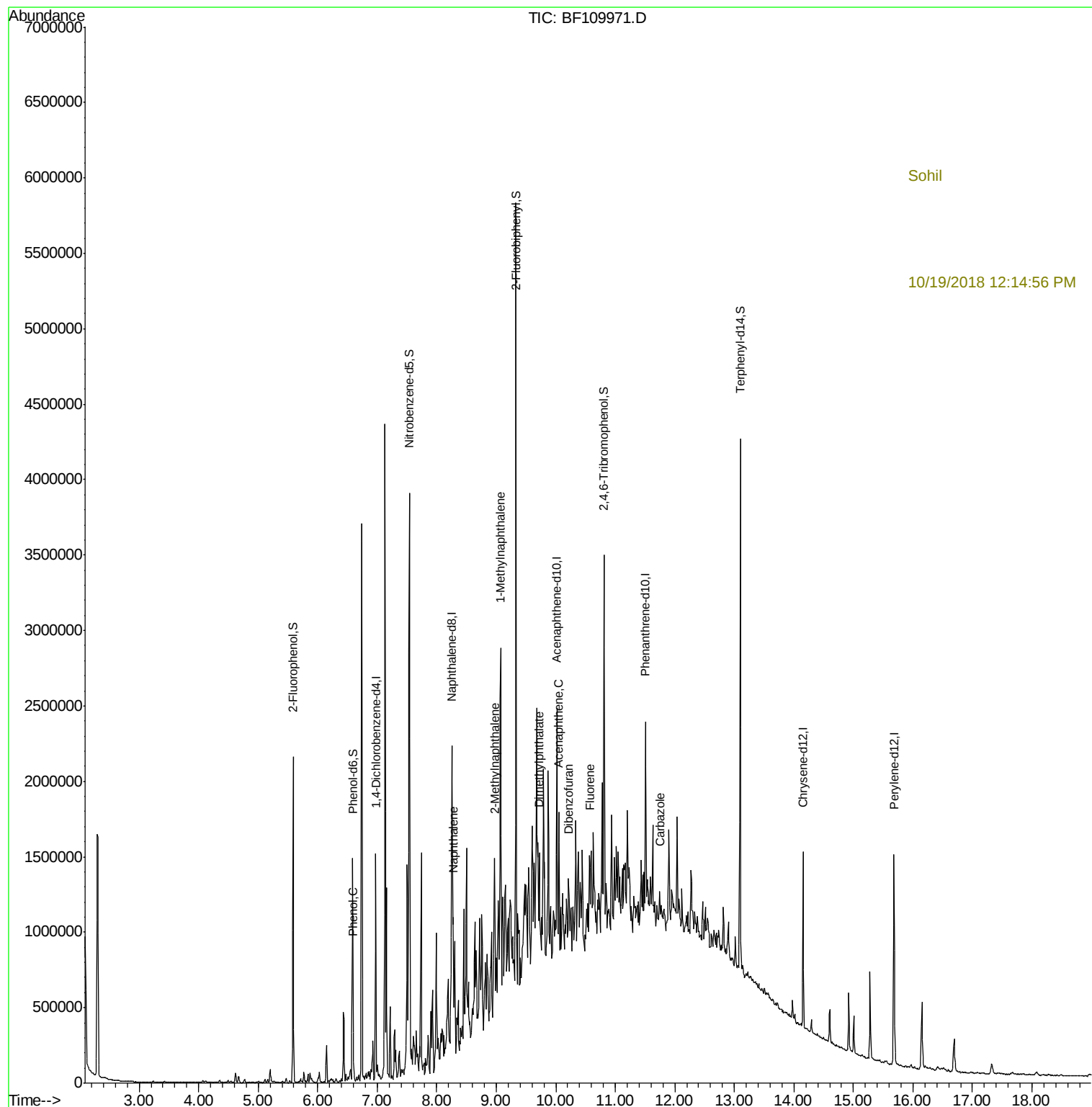
(#) = qualifier out of range (m) = manual integration (+) = signals summed

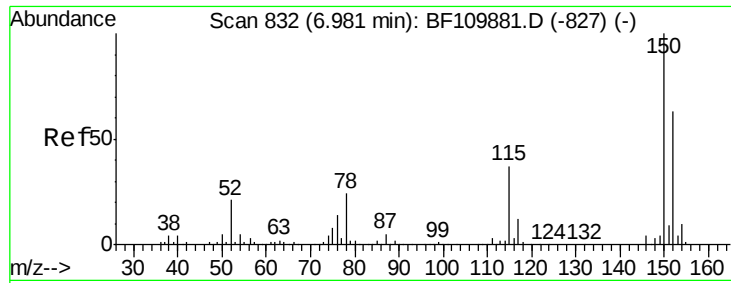
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109971.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
DUP

Manual Integrations
APPROVED

Quant Time: Oct 19 04:42:51 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



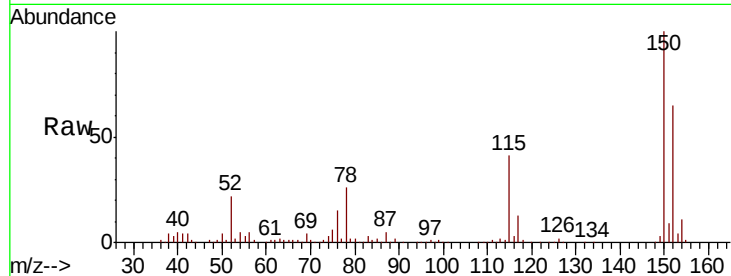


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Instrument :
 BNA_F
 ClientSampled :
 DUP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	63.3	49.1	73.7

Manual Integrations
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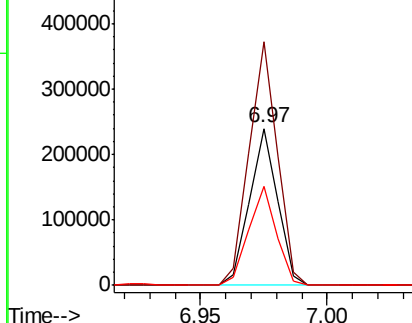
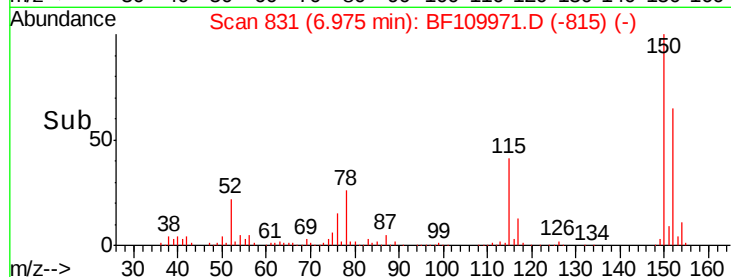


Abundance

Ion 152.00 (151.70 to 152.70): E

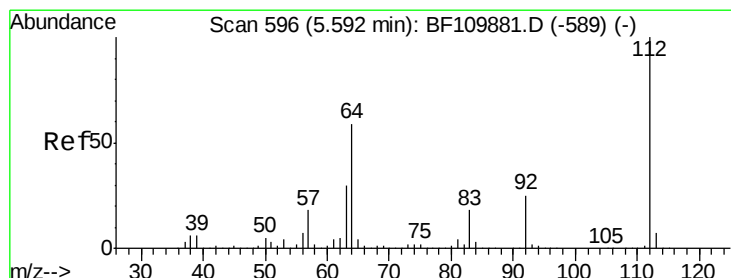
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



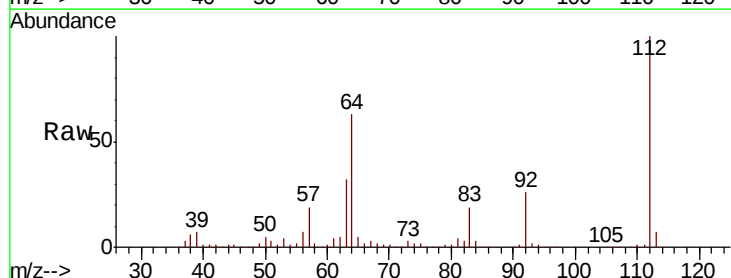
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#5
 2-Fluorophenol
 Concen: 48.678 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	44.1	66.1
63	32.3	23.7	35.5

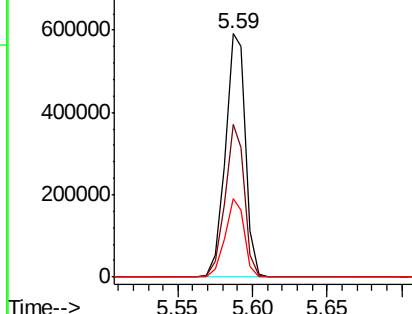
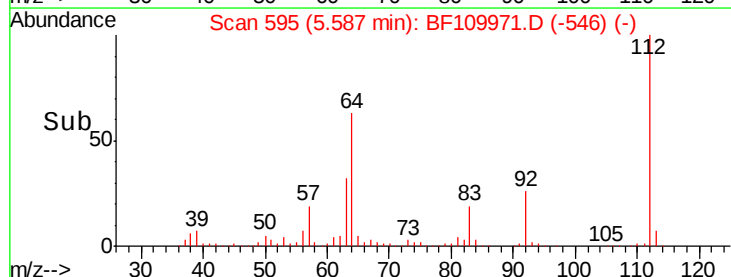


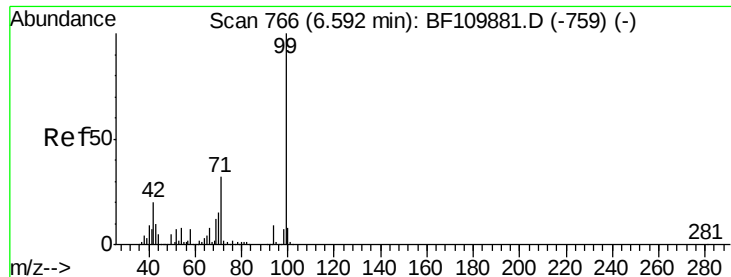
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.595 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109971.D

Acq: 18 Oct 2018 20:58

Instrument :

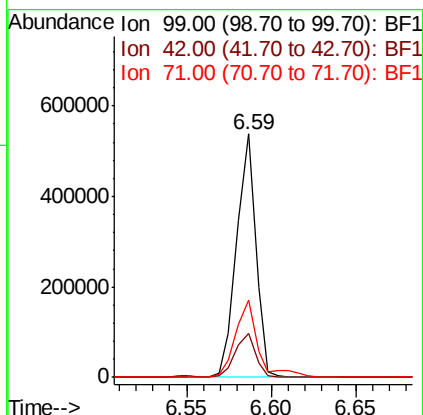
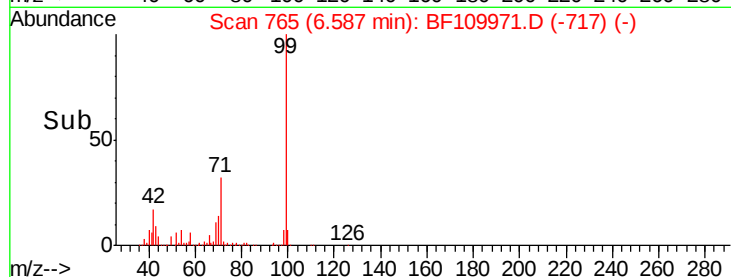
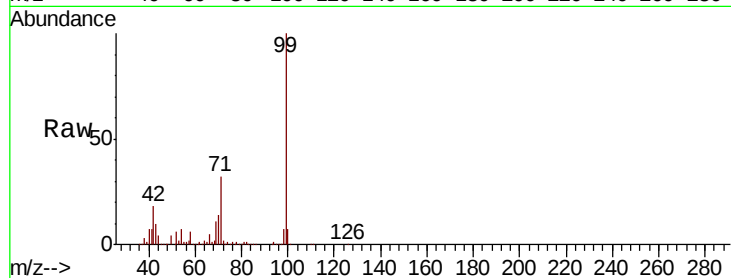
BNA_F

ClientSampled :

DUP

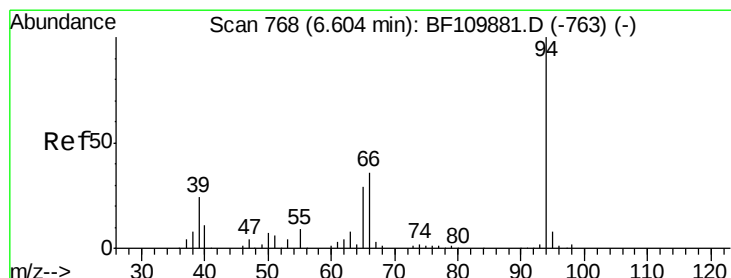
Tot Ion:	99	Resp:	428219
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.8	23.6
71	32.0	28.0	42.0

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#10

Phenol

Concen: 3.997 ng

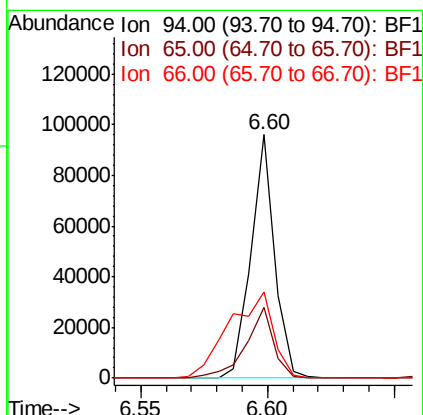
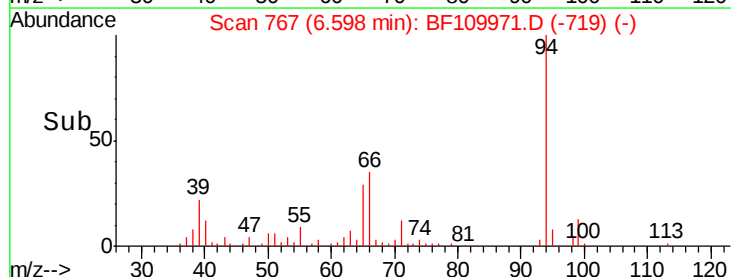
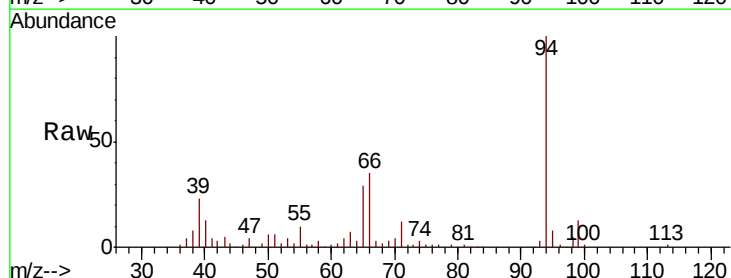
RT: 6.60 min Scan# 767

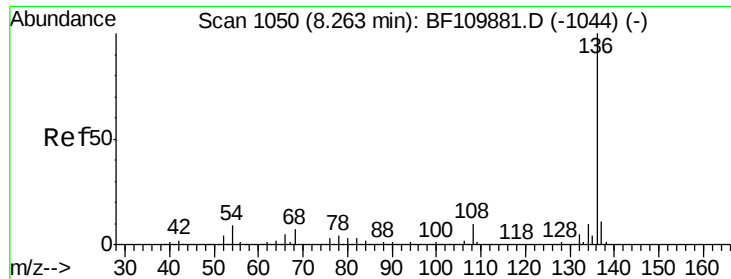
Delta R.T. -0.02 min

Lab File: BF109971.D

Acq: 18 Oct 2018 20:58

Tgt Ion:	94	Resp:	62447
Ion Ratio	Lower	Upper	
94	100		
65	29.3	25.3	65.3
66	35.1	54.5	94.5#



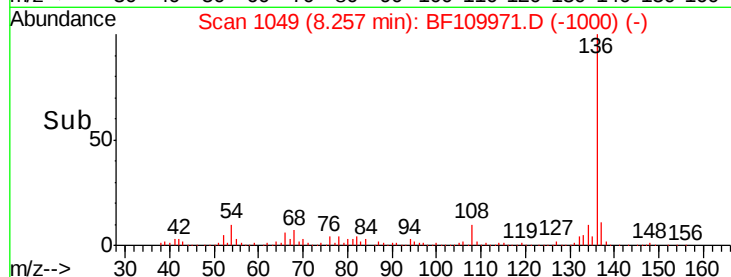
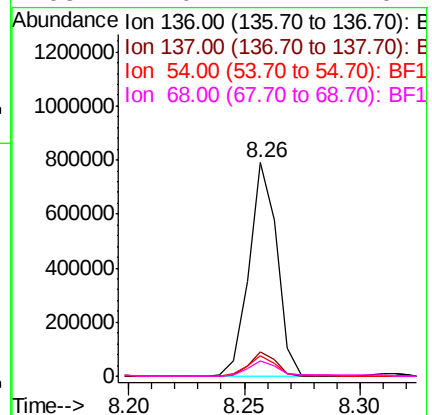
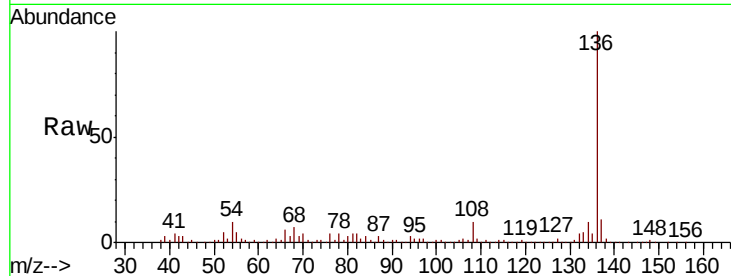


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Instrument :
BNA_F
ClientSampled :
DUP

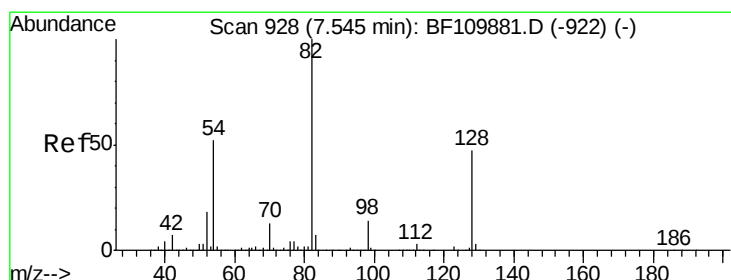
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		669142		
137	11.2	8.8	13.2		
54	9.7	5.4	8.2#		
68	7.0	4.2	6.2#		

Manual Integrations
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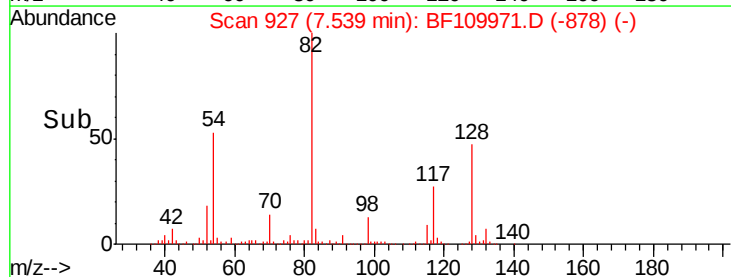
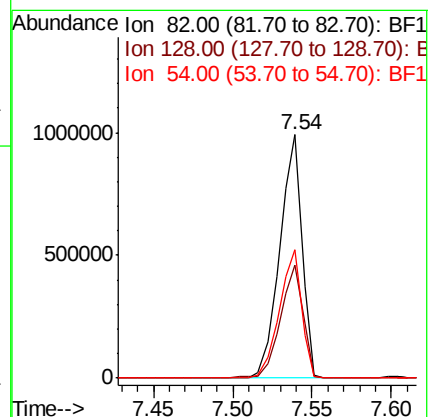
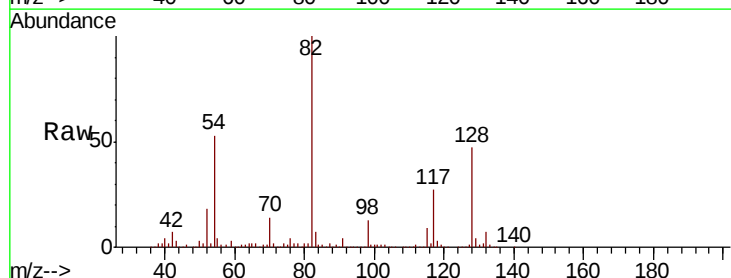
Sohil

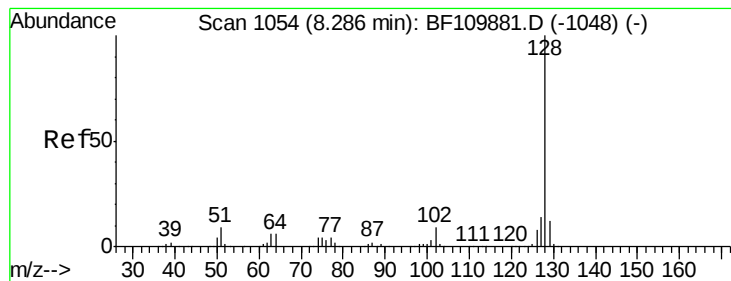
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#23
Nitrobenzene-d5
Concen: 97.253 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		966038		
128	46.7	34.2	51.2		
54	52.6	38.6	58.0		





#31

Naphthalene

Concen: 7.472 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF109971.D

Acq: 18 Oct 2018 20:58

Instrument :

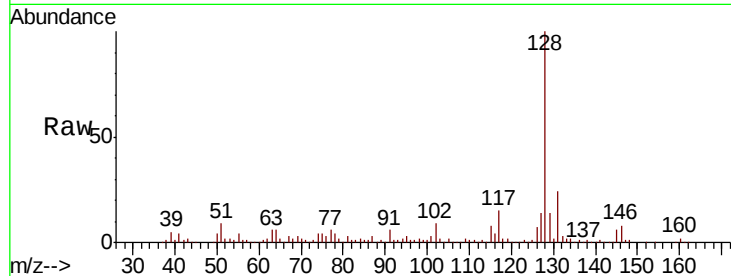
BNA_F

ClientSampled :

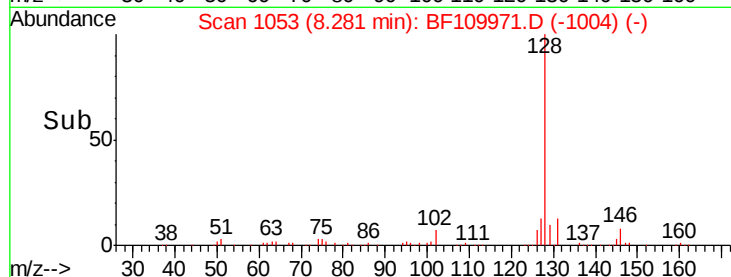
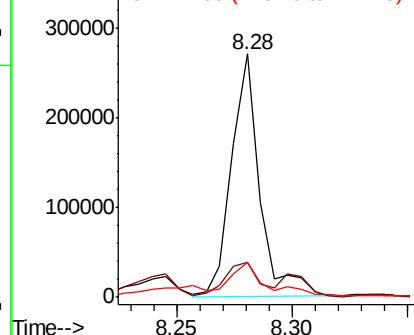
DUP

Tot Ion:	128	Resp:	229262
Ion Ratio	Lower	Upper	
128	100		
129	14.4	8.8	13.2#
127	14.3	10.8	16.2

Manual Integrations
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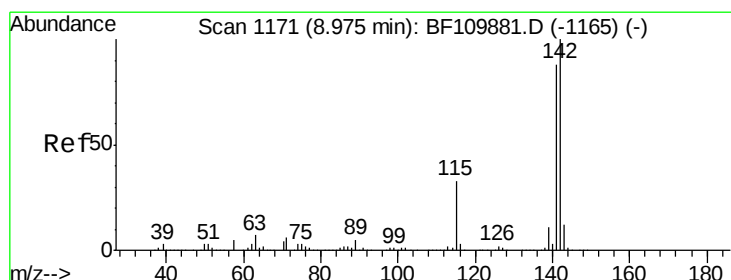


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#37

2-Methylnaphthalene

Concen: 12.507 ng

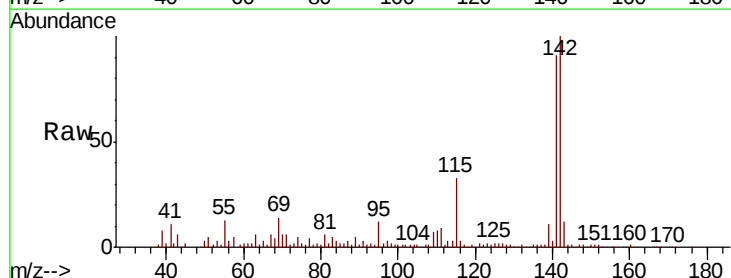
RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

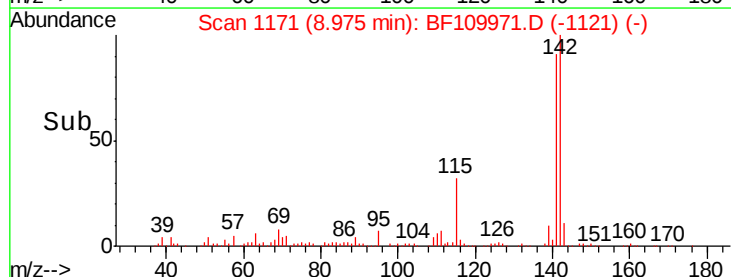
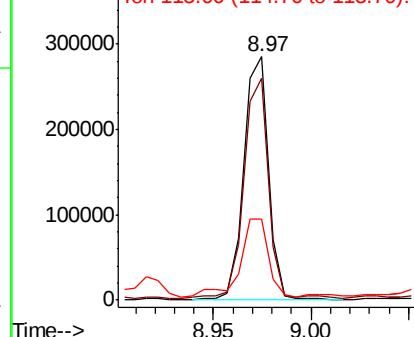
Lab File: BF109971.D

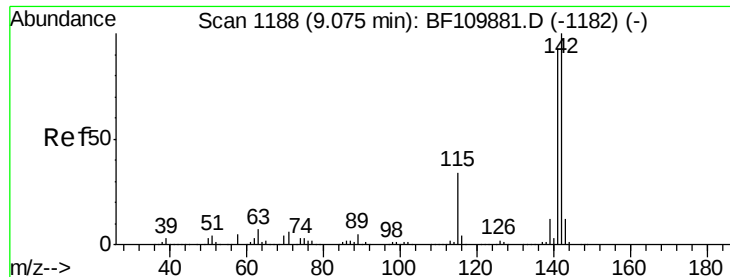
Acq: 18 Oct 2018 20:58

Tgt Ion:	142	Resp:	248501
Ion Ratio	Lower	Upper	
142	100		
141	91.0	71.4	107.2
115	33.2	28.7	43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



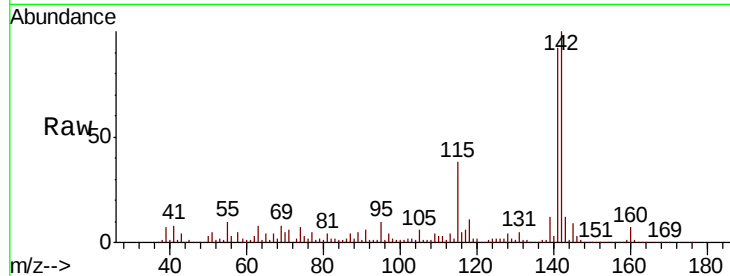


#38
1-Methylnaphthalene
Concen: 23.680 ng m
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Instrument :
BNA_F
ClientSampled :
DUP

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	5.0	2.6	4.0

Manual Integrations
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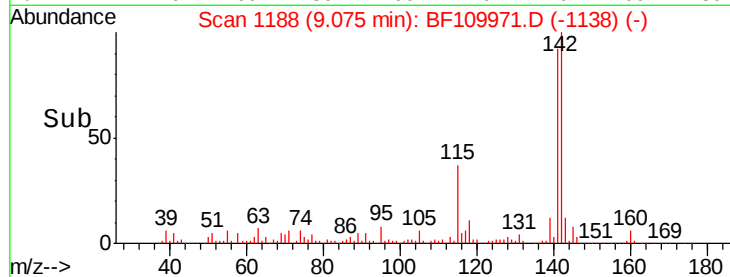
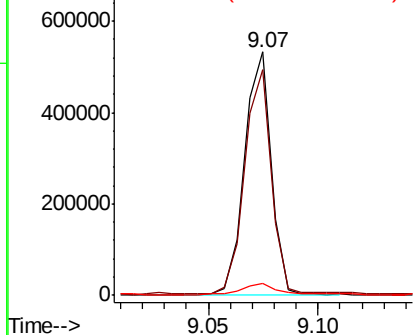


Abundance

Ion 142.00 (141.70 to 142.70): E

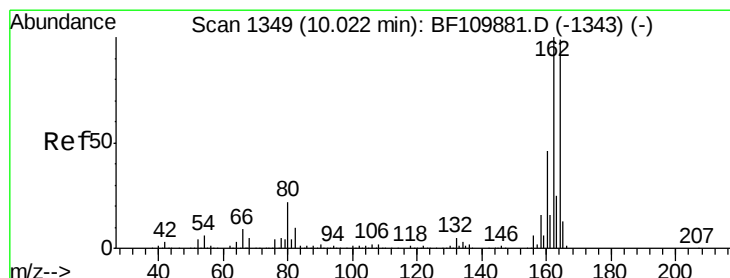
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



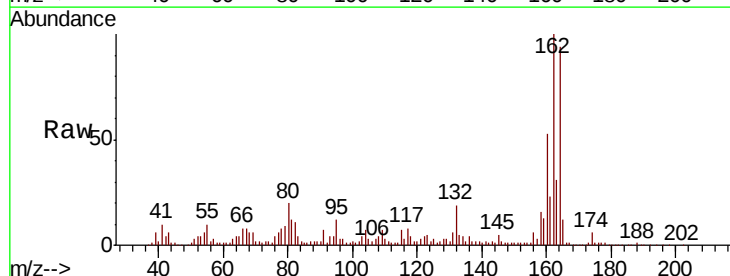
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.0	124.6
160	55.9	37.0	55.6

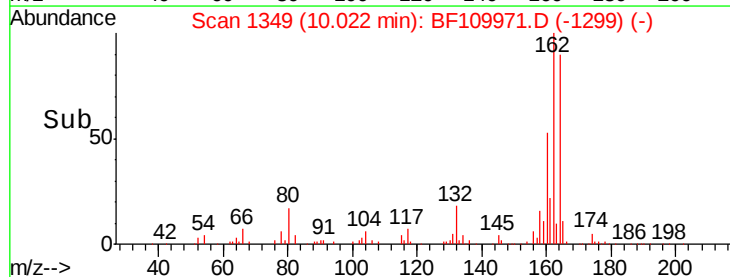
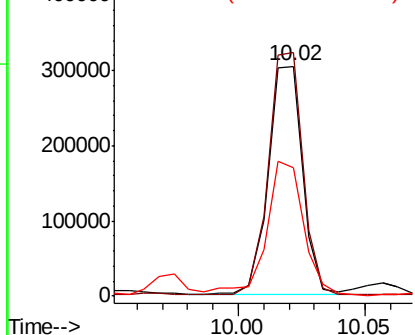


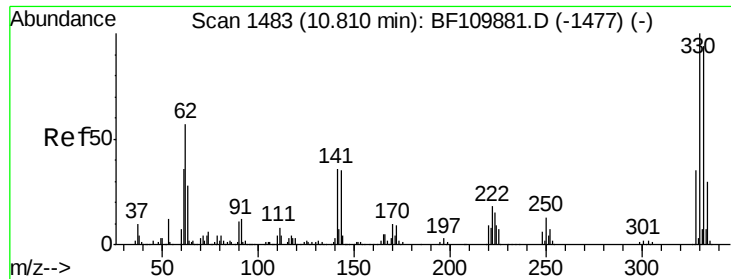
Abundance

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



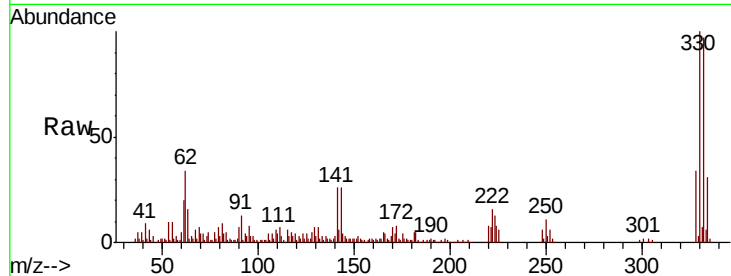


#42
 2,4,6-Tribromophenol
 Concen: 122.683 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Instrument :
 BNA_F
 ClientSampled :
 DUP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	77.1	115.7	
141	35.1	27.0	40.4	

Manual Integrations
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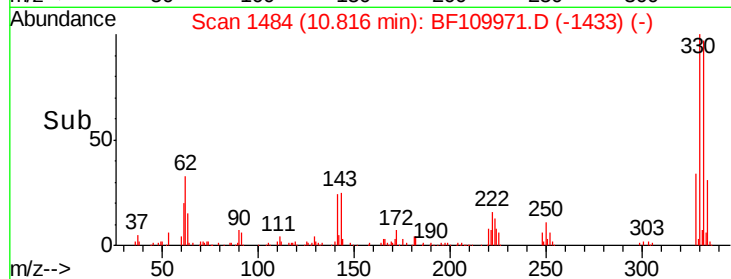
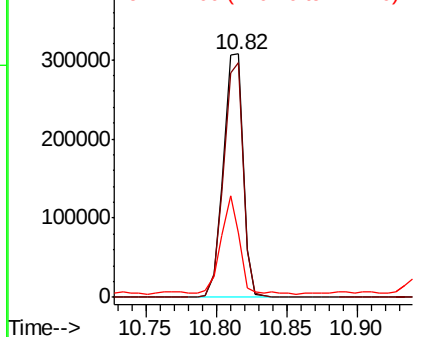


Abundance

Ion 329.80 (329.50 to 330.50): E

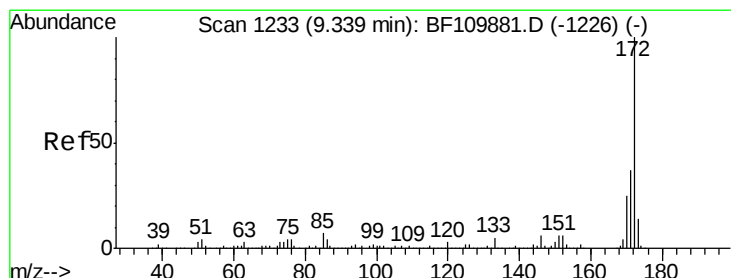
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



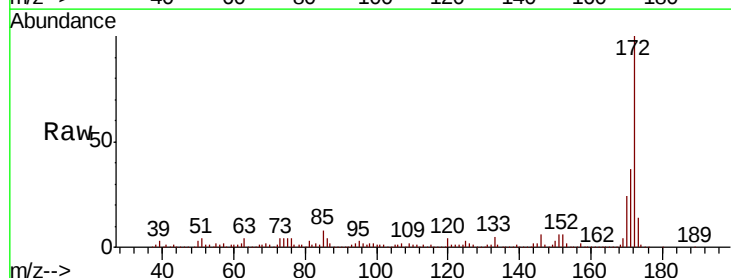
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#45
 2-Fluorobiphenyl
 Concen: 90.002 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	28.6	43.0	
170	24.3	19.7	29.5	

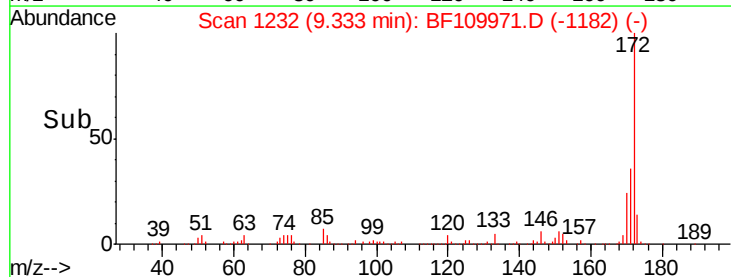
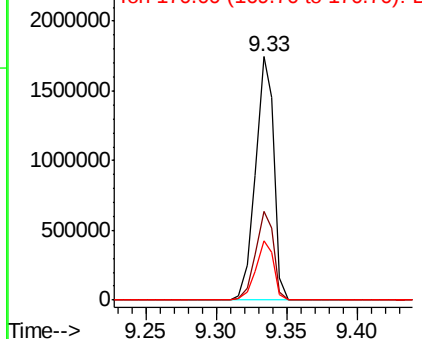


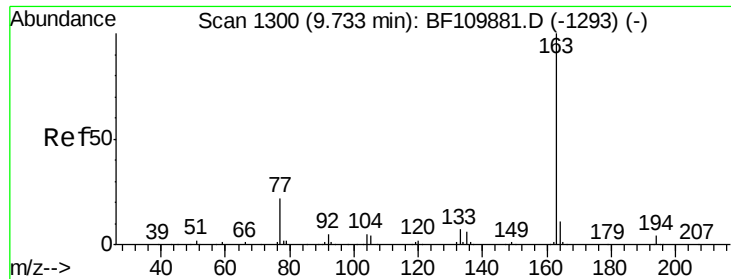
Abundance

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



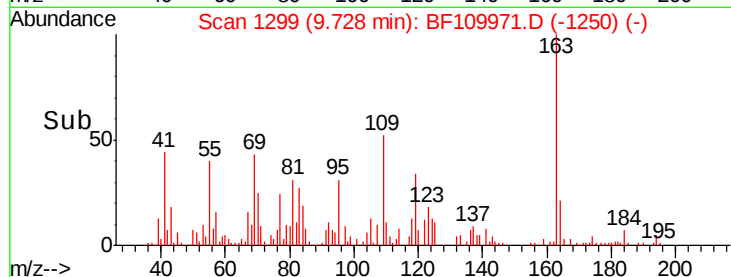
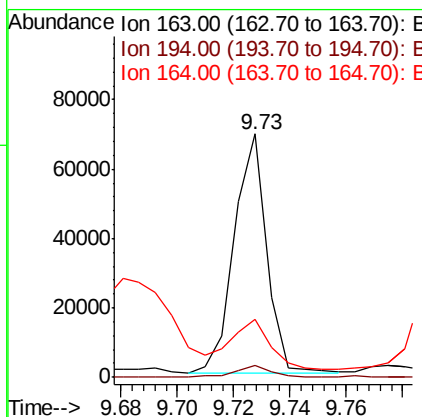
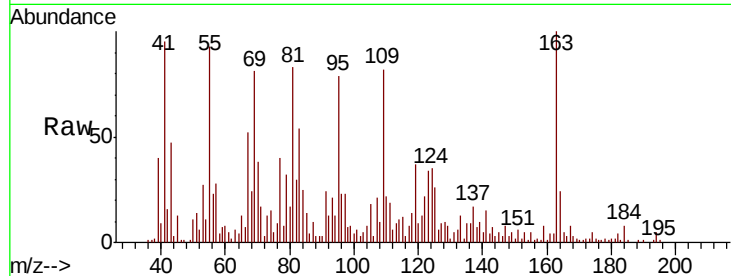


#50
Dimethylphthalate
Concen: 2.760 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Instrument :
BNA_F
ClientSampled :
DUP

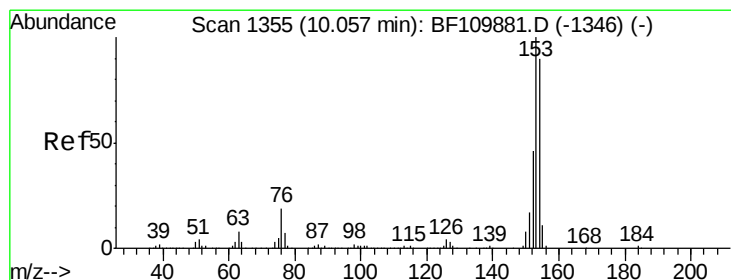
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	23.9	8.1	12.1

Manual Integrations
APPROVED



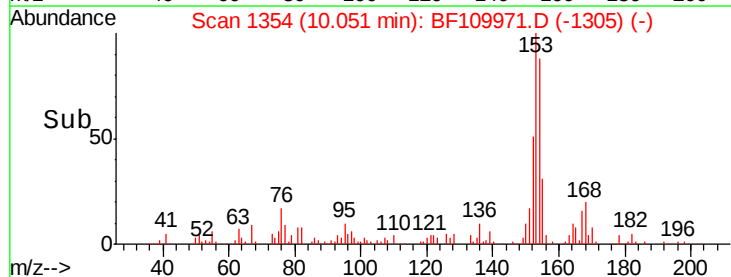
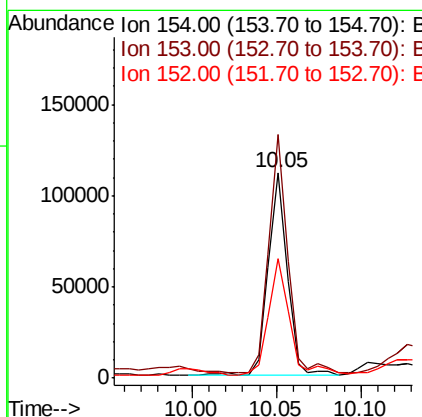
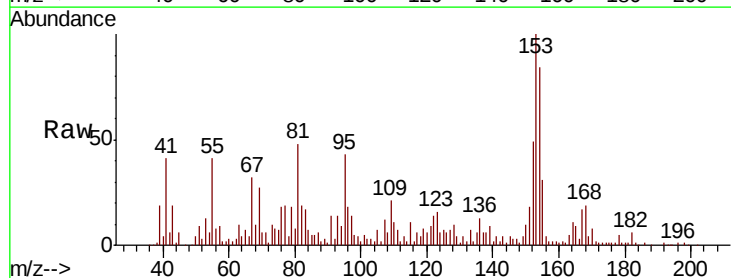
Sohil

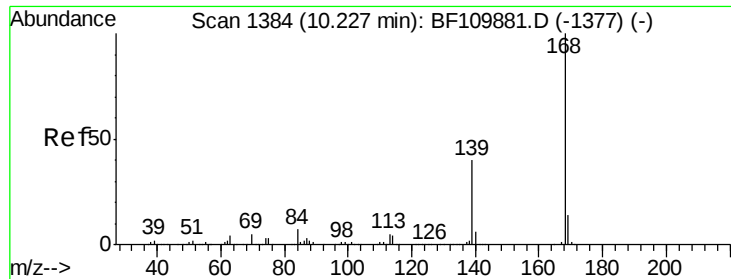
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#52
Acenaphthene
Concen: 5.052 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.4	90.1	135.1
152	58.4	43.4	65.2



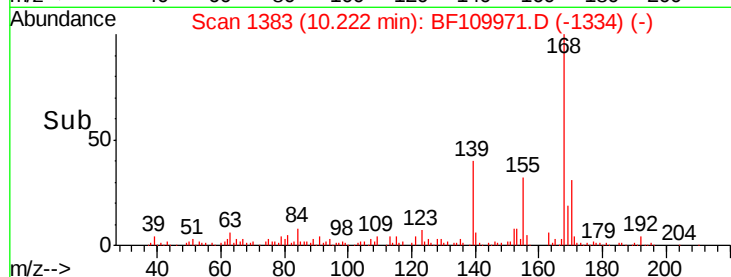
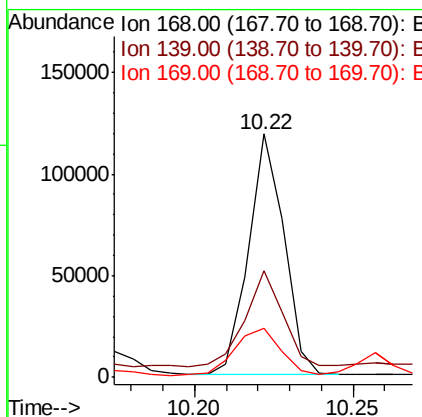
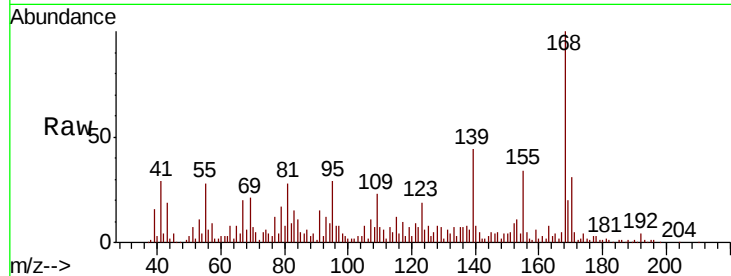


#55
Dibenzofuran
Concen: 3.752 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Instrument :
BNA_F
ClientSampled :
DUP

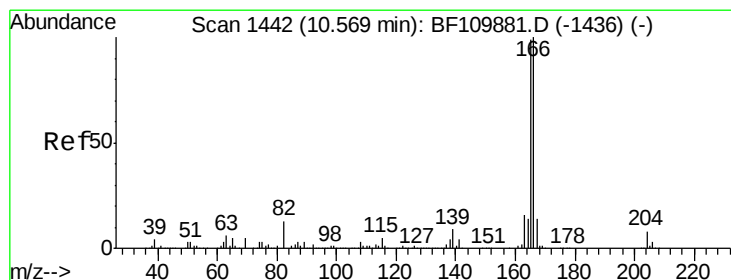
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.6	33.0	49.6
169	20.0	11.3	16.9

Manual Integrations
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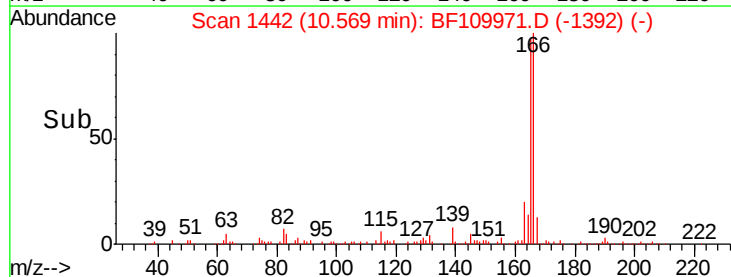
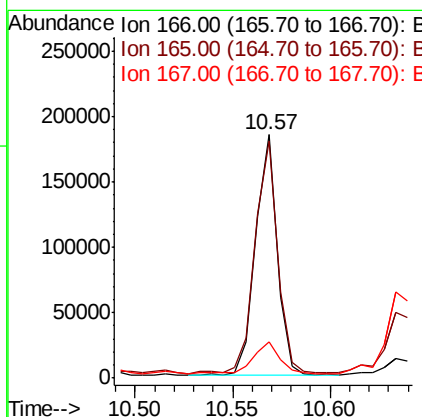
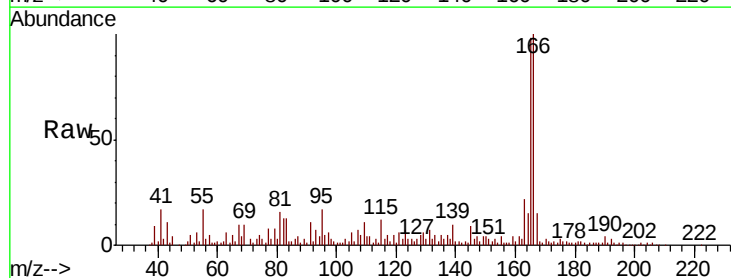
Sohil

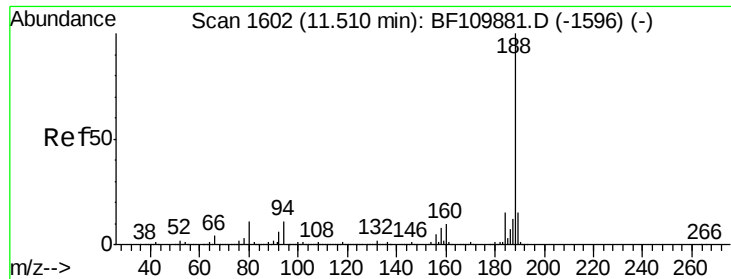
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#58
Fluorene
Concen: 7.964 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	15.0	10.8	16.2



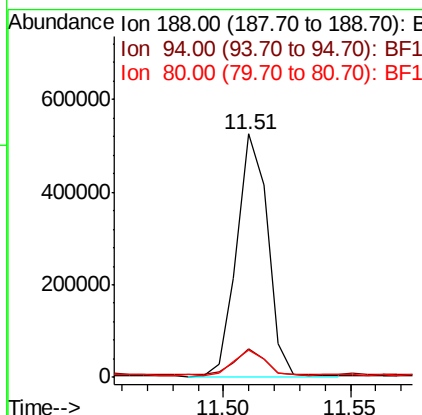
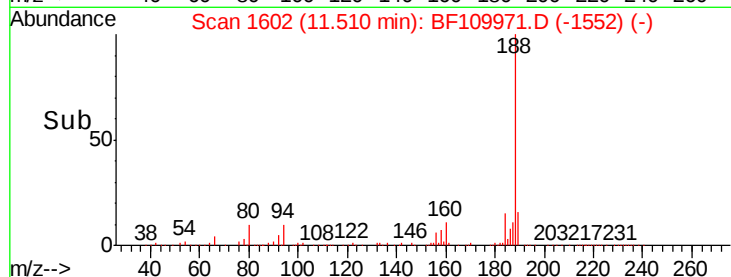
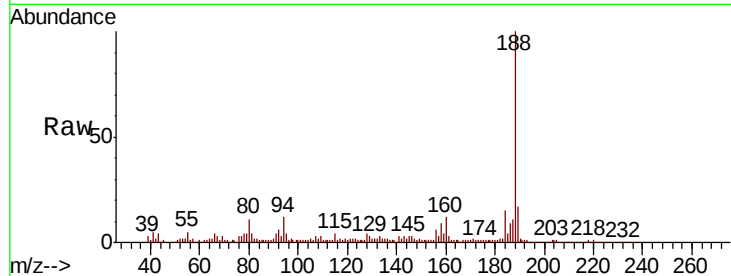


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Instrument :
BNA_F
ClientSampled :
DUP

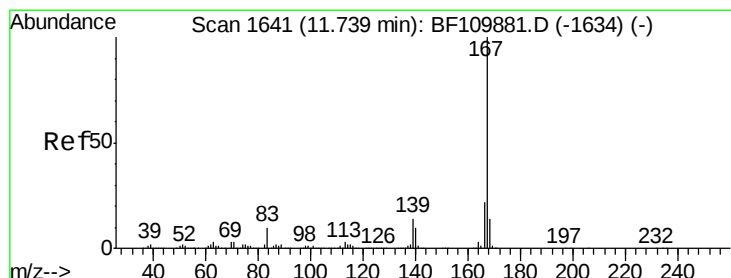
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.2	10.8#
80	11.4	7.9	11.9

Manual Integrations
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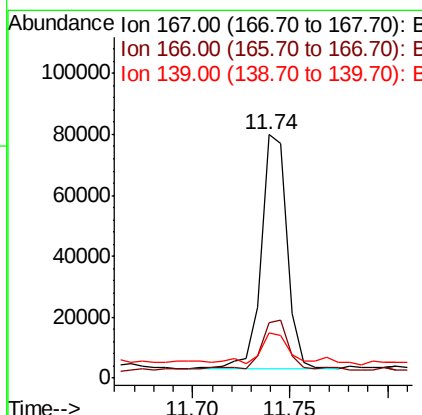
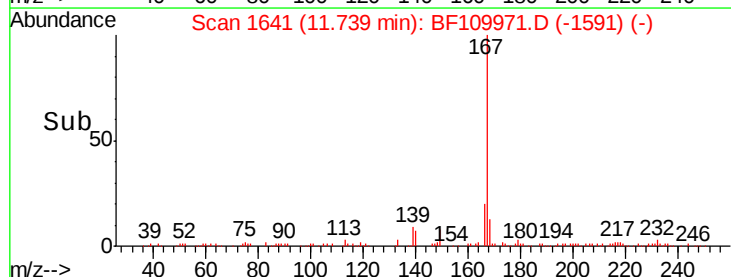
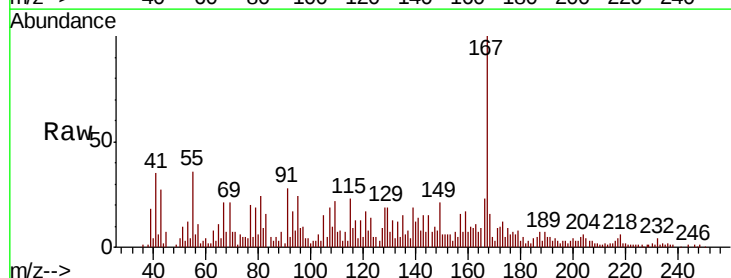
Sohil

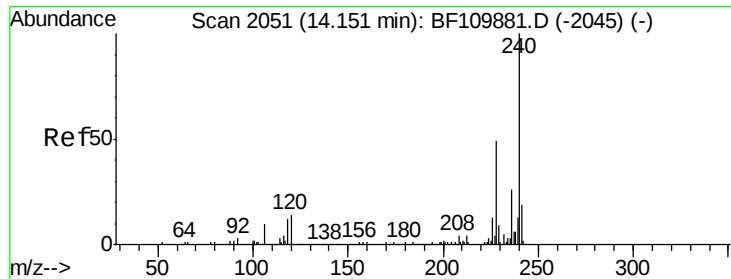
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#73
Carbazole
Concen: 3.130 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.4	26.0
139	18.7	10.9	16.3#



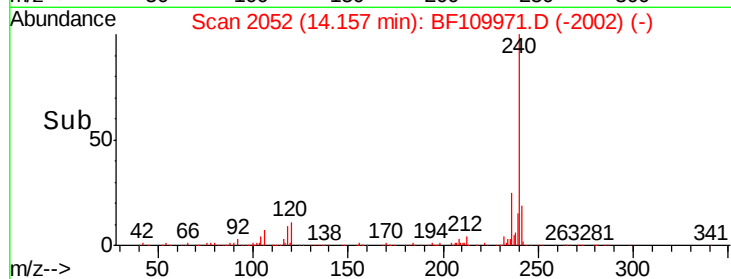
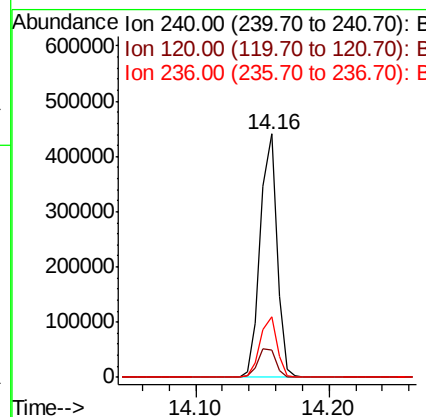
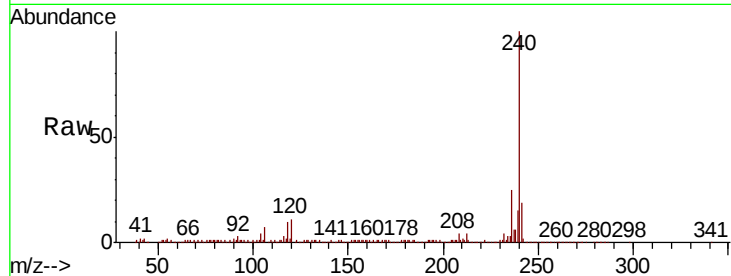


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Instrument :
BNA_F
ClientSampled :
DUP

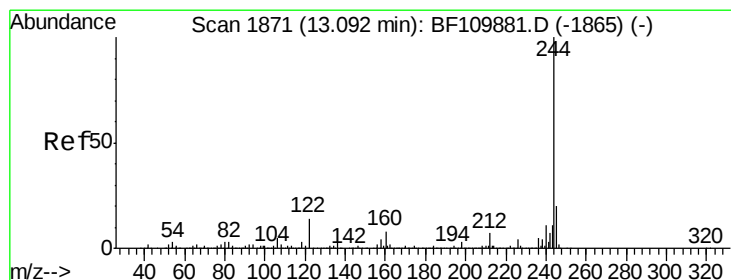
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.7	21.2	31.8

Manual Integrations
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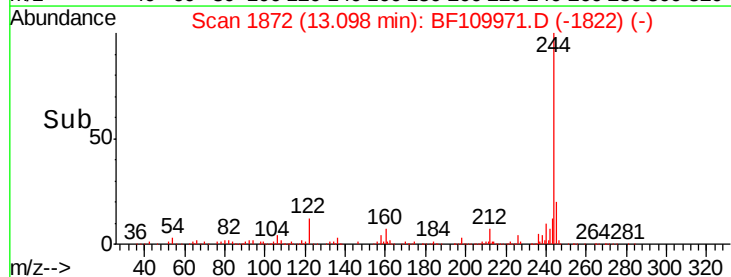
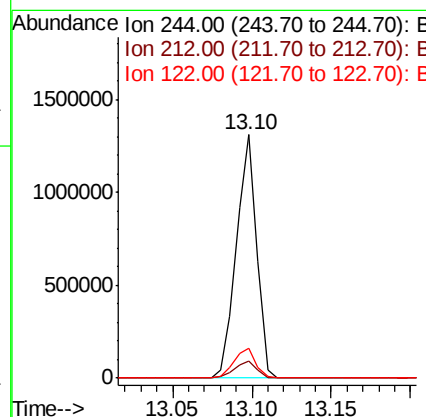
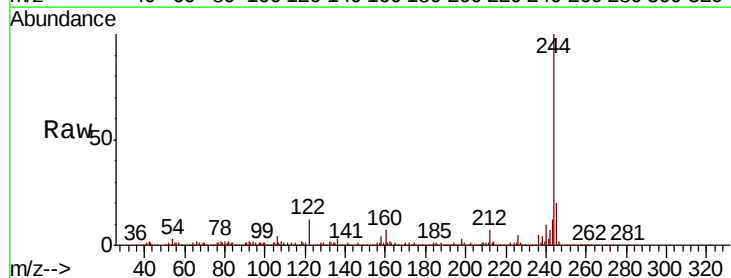
Sohil

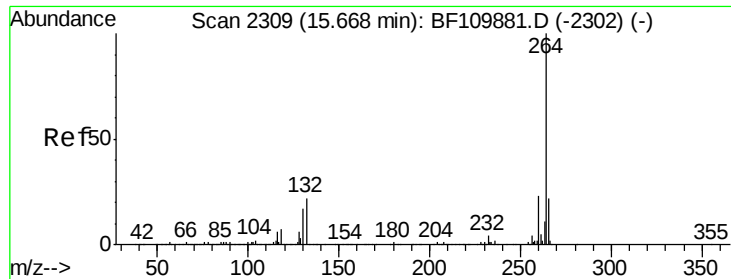
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#79
Terphenyl-d14
Concen: 65.137 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109971.D
Acq: 18 Oct 2018 20:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.5	8.7	13.1



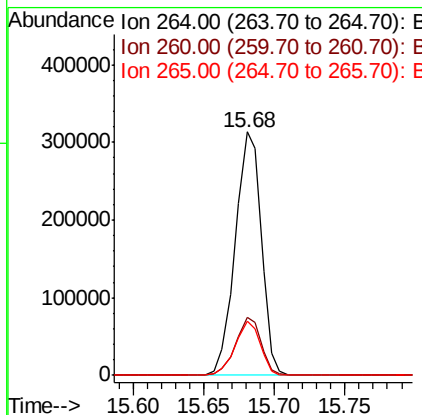
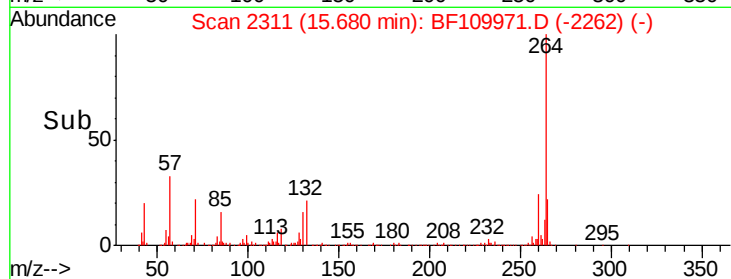
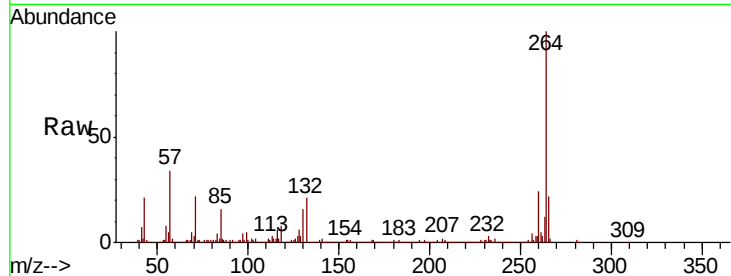


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:	264	Resp:	404145
Ion Ratio		Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.3	16.7	25.1

Manual Integrations
 APPROVED



Sohil

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