

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109970.D
 Acq On : 18 Oct 2018 20:31
 Operator : JU/SJ
 Sample : J5571-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Manual Integrations
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 10/19/2018 12:14:54 PM

Quant Time: Oct 19 04:31:42 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	217848	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	834744	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	376476	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	643705	20.00	ng	0.00
76) Chrysene-d12	14.16	240	408092	20.00	ng	0.00
87) Perylene-d12	15.68	264	397484	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	675141	49.13	ng	0.00
7) Phenol-d6	6.59	99	529201	31.01	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1186296	95.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	425081	130.42	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2040521	86.49	ng	0.00
79) Terphenyl-d14	13.10	244	1609049	82.80	ng	0.00
Target Compounds						
10) Phenol	6.60	94	87511	4.750	ng	Qvalue # 60
31) Naphthalene	8.28	128	335843	8.774	ng	98
37) 2-Methylnaphthalene	8.97	142	377456	15.228	ng	98
38) 1-Methylnaphthalene	9.07	142	576562m	24.005	ng	
50) Dimethylphthalate	9.73	163	104559	3.922	ng	# 94
52) Acenaphthene	10.05	154	84910	3.716	ng	93
55) Dibenzofuran	10.22	168	87607	2.688	ng	# 89
58) Fluorene	10.57	166	139030	5.860	ng	# 99
73) Carbazole	11.74	167	78359	2.380	ng	# 96

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

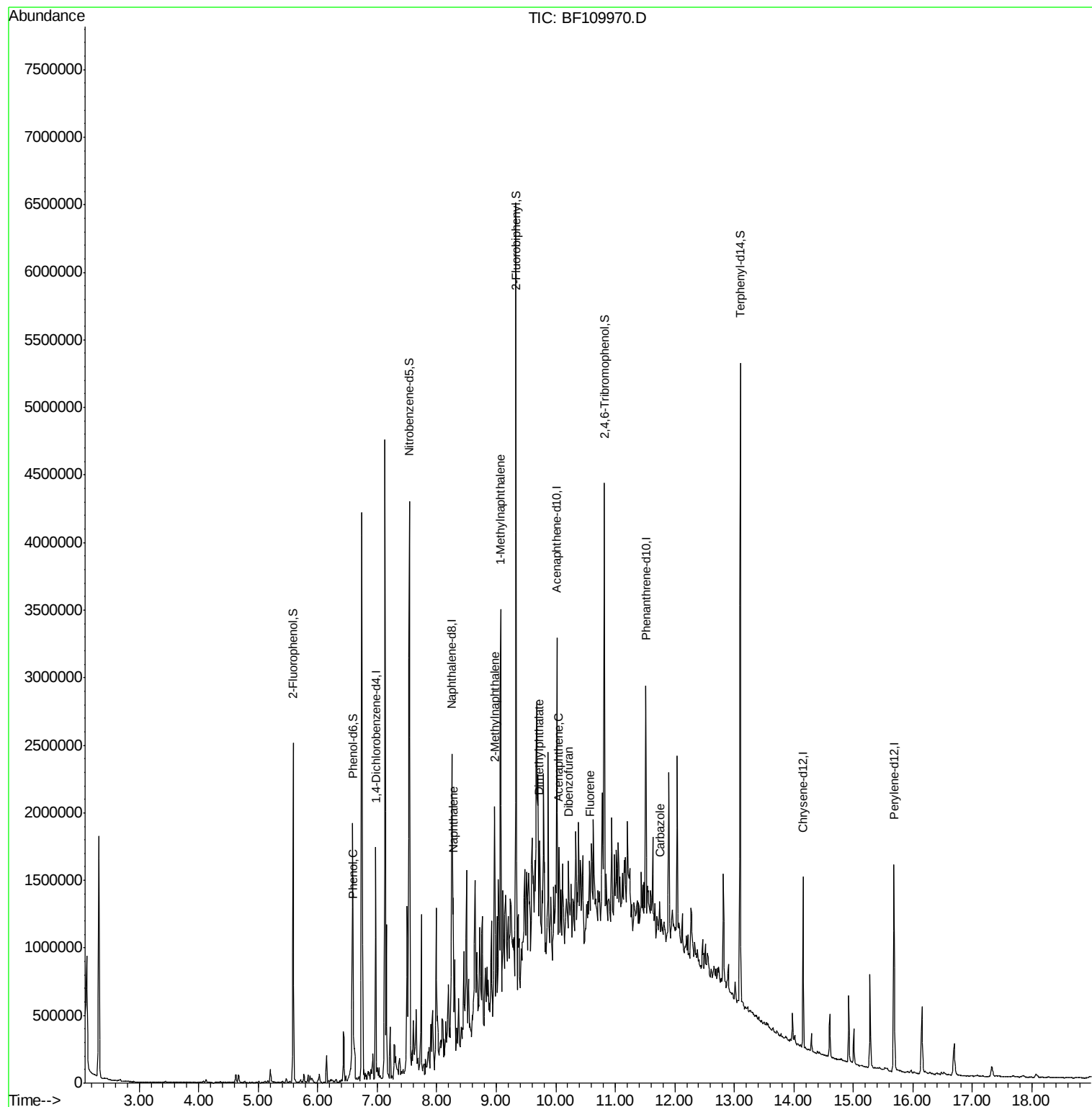
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109970.D
Acq On : 18 Oct 2018 20:31
Operator : JU/SJ
Sample : J5571-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

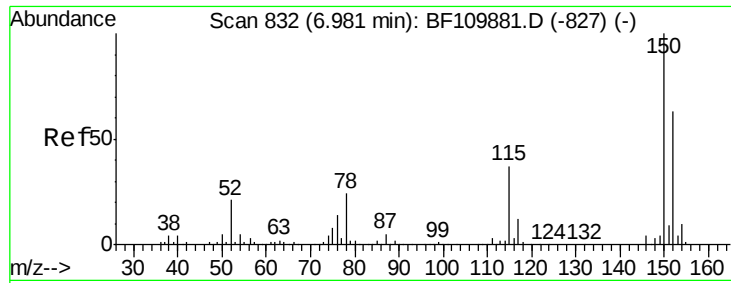
Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Oct 19 04:31:42 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

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#1

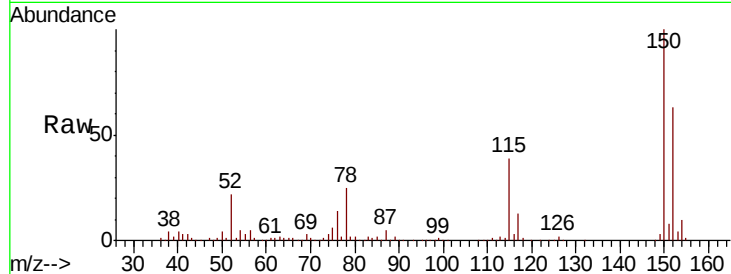
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.7	184.1
115	61.4	49.1	73.7

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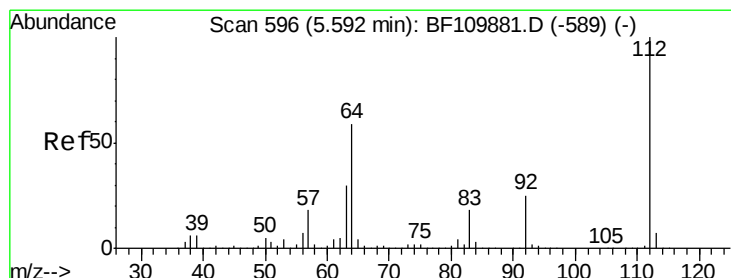
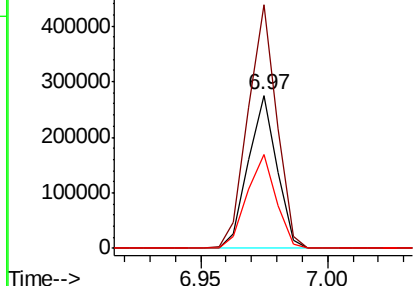
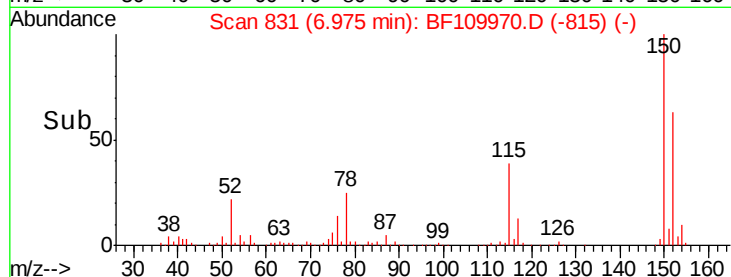


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

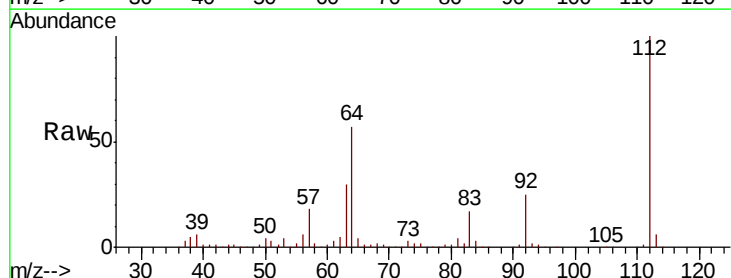
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.126 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	30.2	23.7	35.5

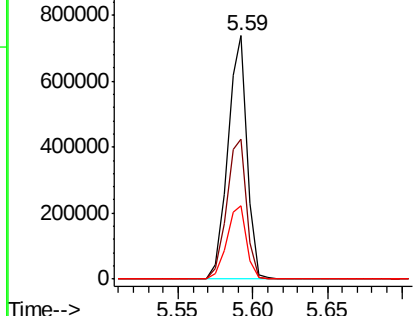
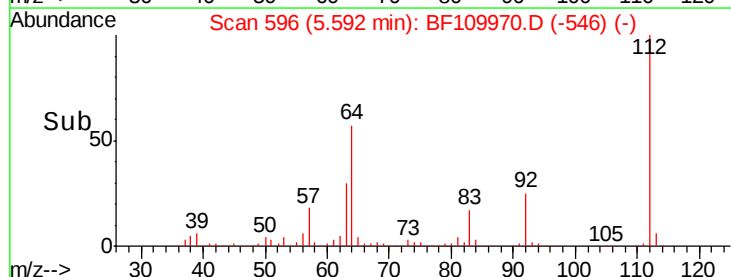


Abundance

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: 31.010 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109970.D

Acq: 18 Oct 2018 20:31

Instrument :

BNA_F

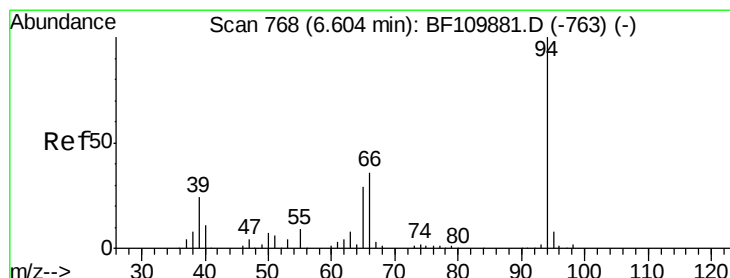
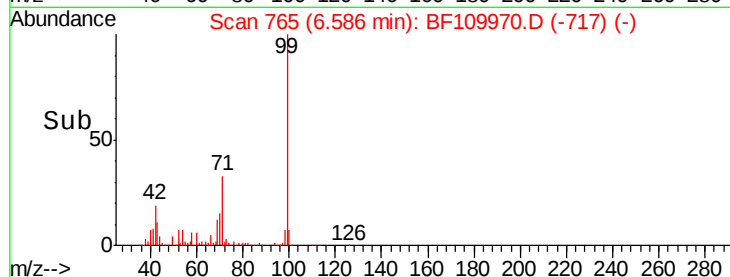
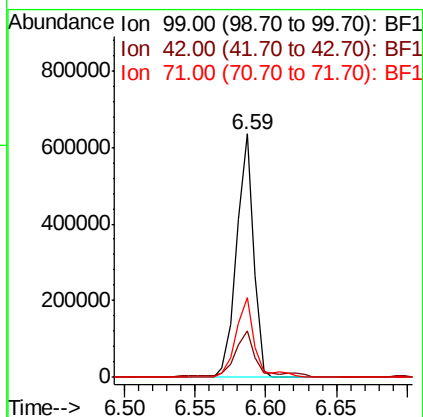
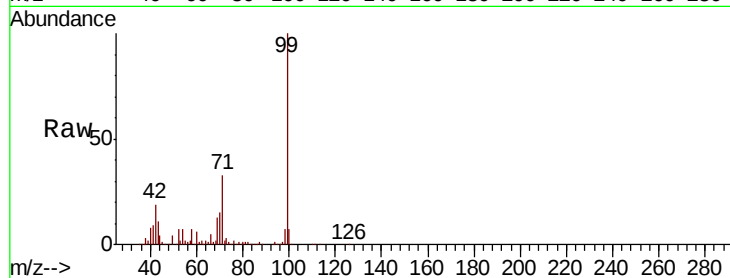
ClientSampleId :

MW-1

Tot Ion:	99	Resp:	529201
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	33.0	28.0	42.0

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#10

Phenol

Concen: 4.750 ng

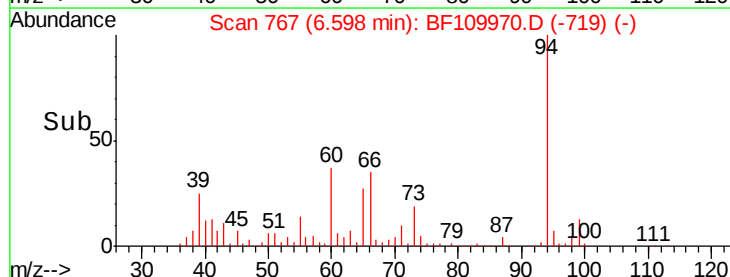
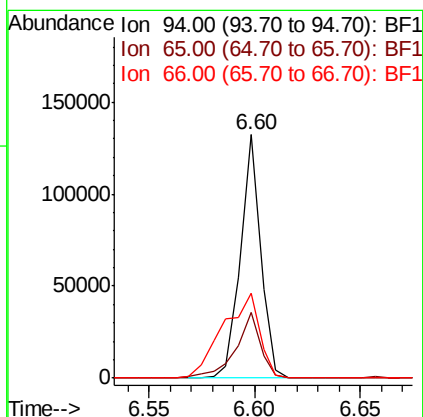
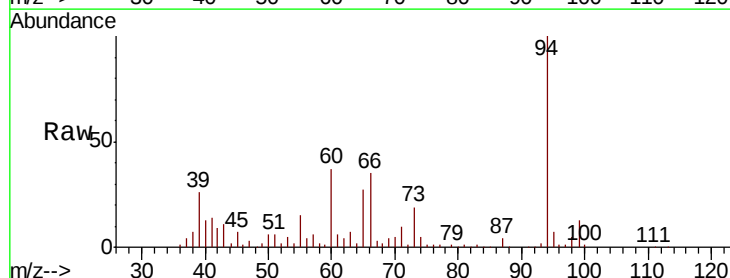
RT: 6.60 min Scan# 767

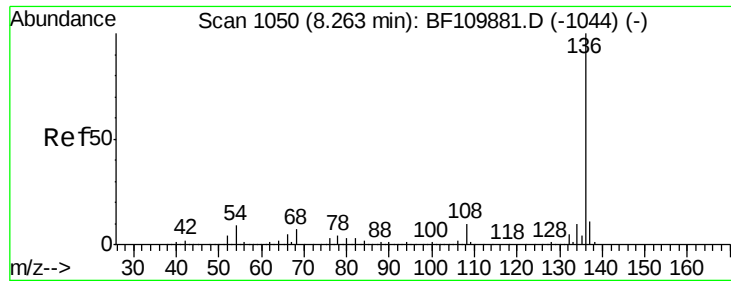
Delta R.T. -0.02 min

Lab File: BF109970.D

Acq: 18 Oct 2018 20:31

Tgt Ion:	94	Resp:	87511
Ion Ratio	Lower	Upper	
94	100		
65	26.9	25.3	65.3
66	34.9	54.5	94.5#





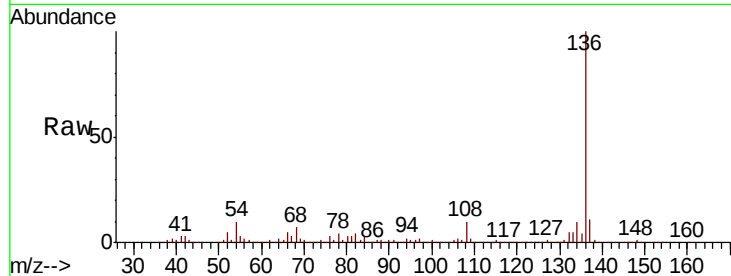
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Instrument :
BNA_F
ClientSampled :
MW-1

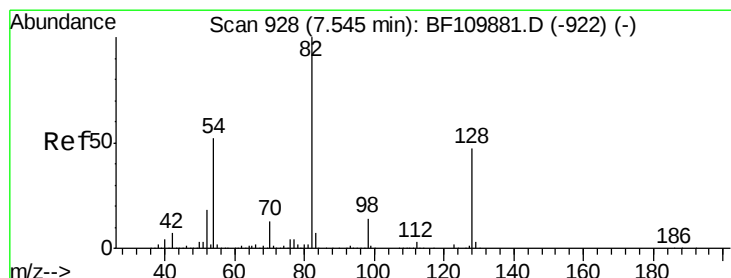
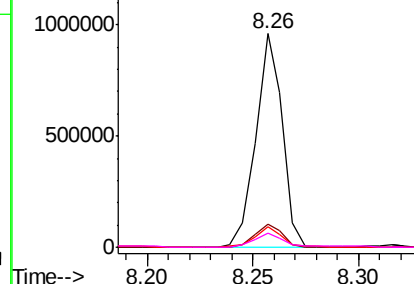
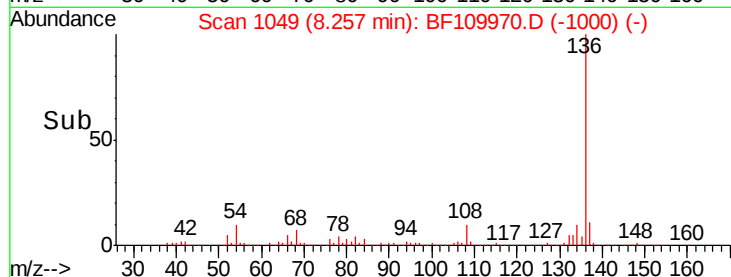
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.7	5.4	8.2#
68	6.8	4.2	6.2#

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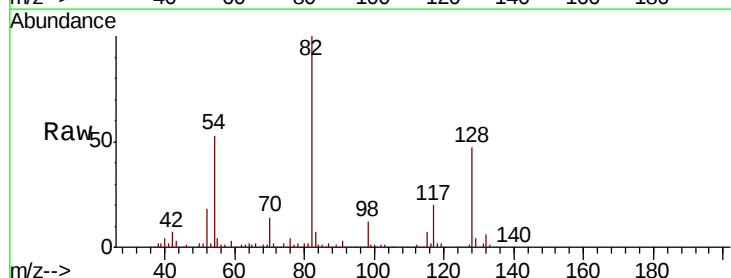


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

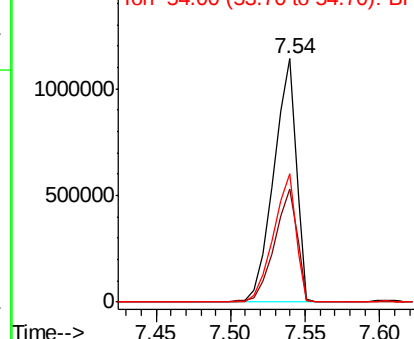
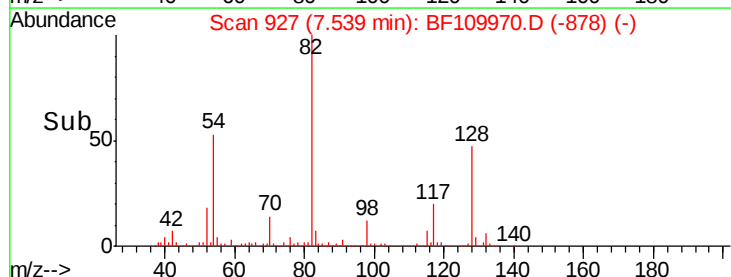


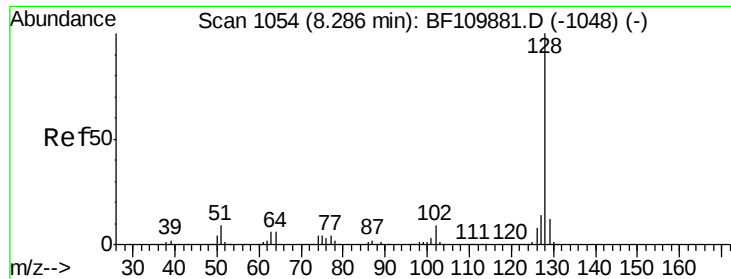
#23
Nitrobenzene-d5
Concen: 95.734 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.2	51.2
54	52.8	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





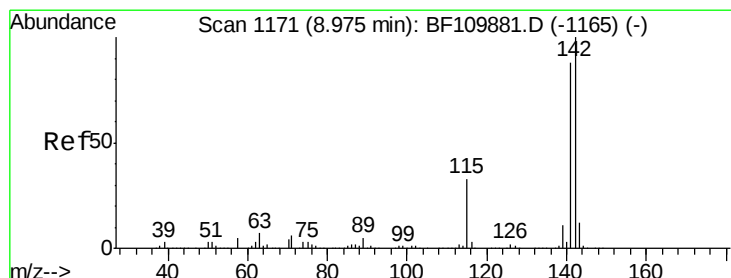
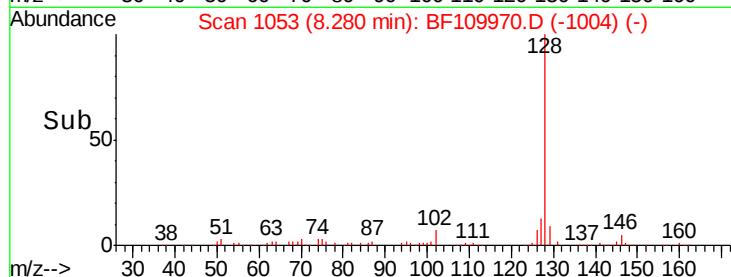
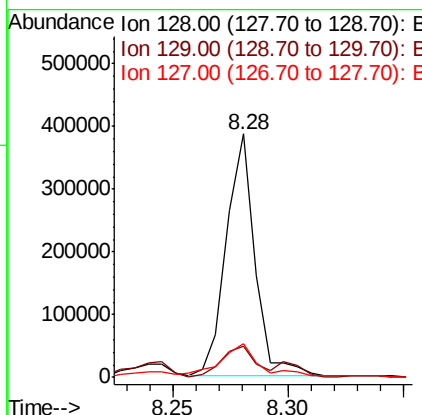
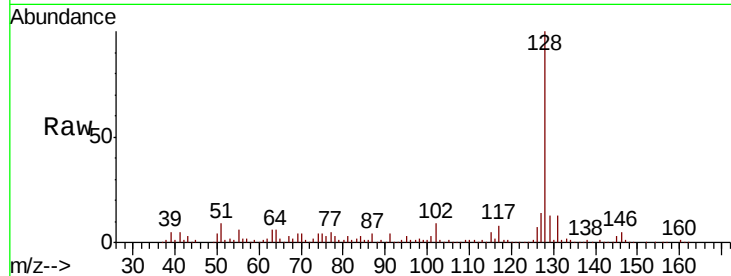
#31
Naphthalene
Concen: 8.774 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	13.9	10.8	16.2

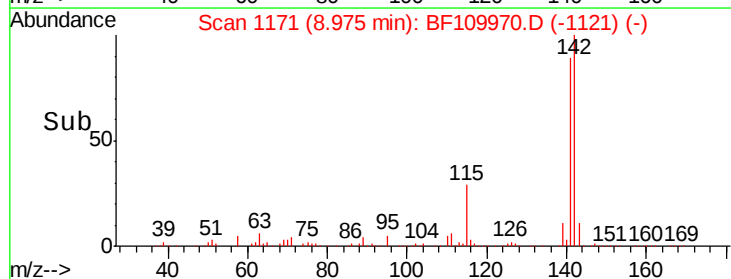
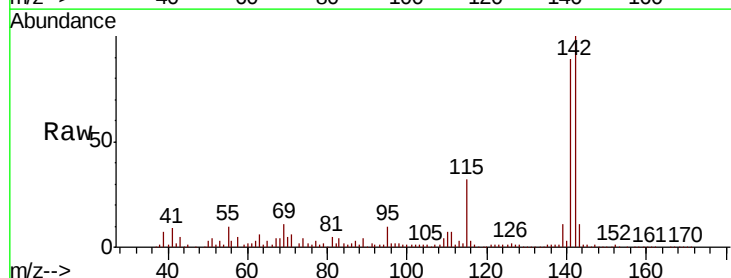
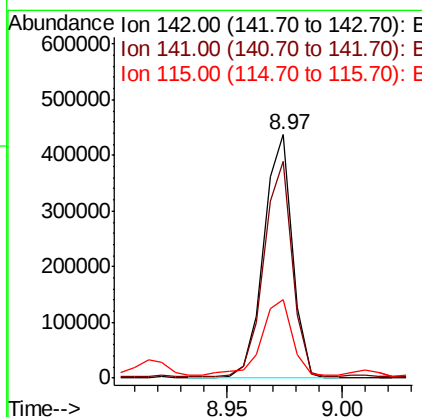
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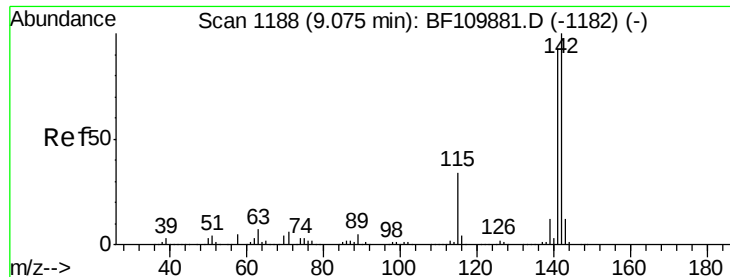
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#37
2-Methylnaphthalene
Concen: 15.228 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	32.3	28.7	43.1





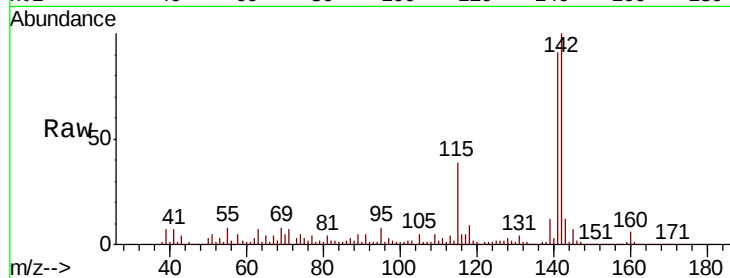
#38
1-Methylnaphthalene
Concen: 24.005 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	4.7	2.6	4.0

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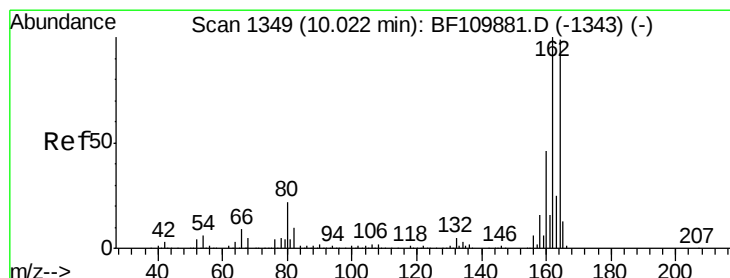
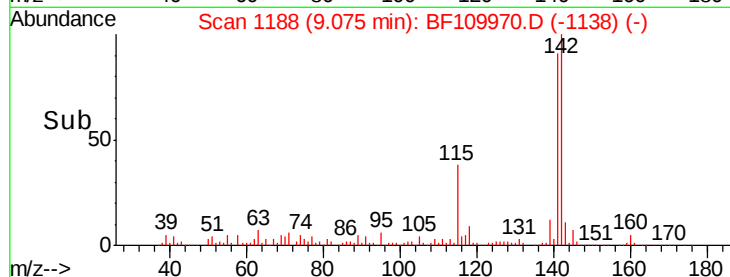
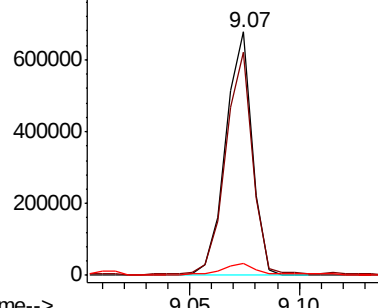


Abundance

Ion 142.00 (141.70 to 142.70): E

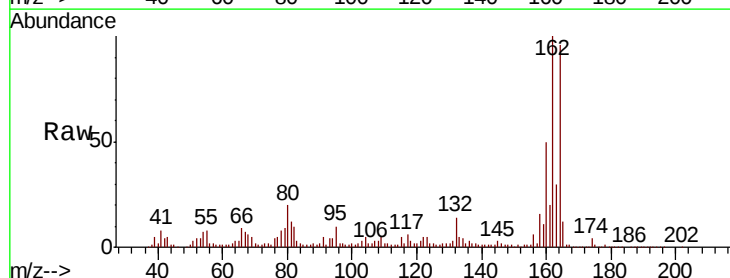
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	52.8	37.0	55.6

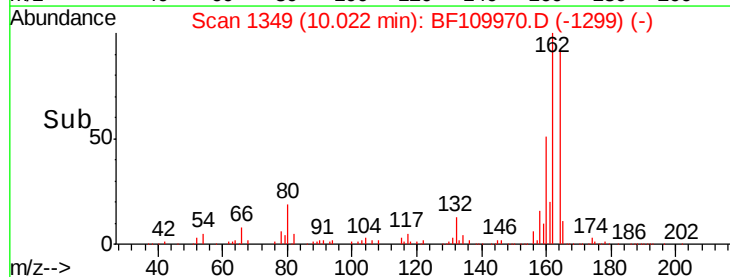
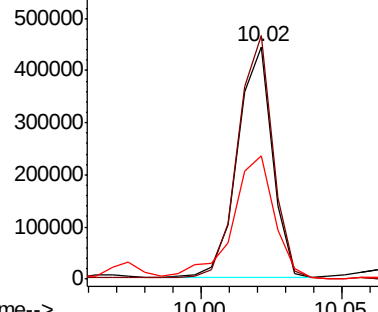


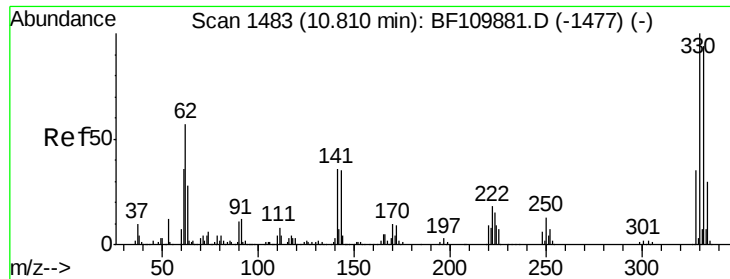
Abundance

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





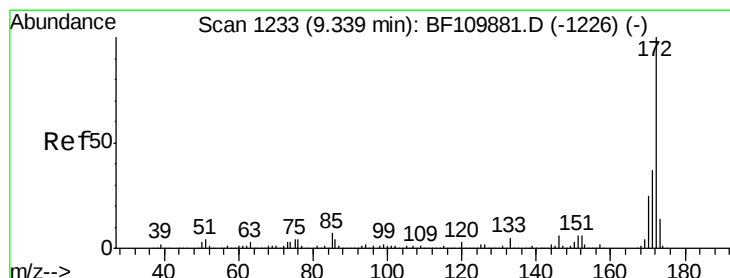
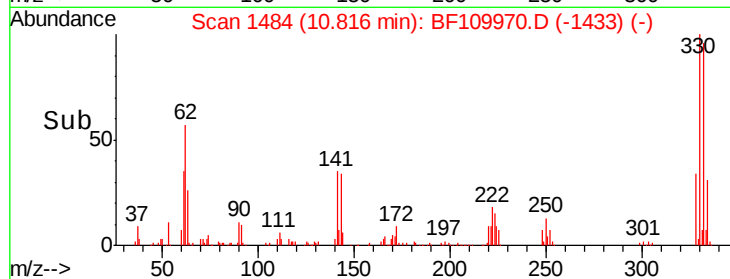
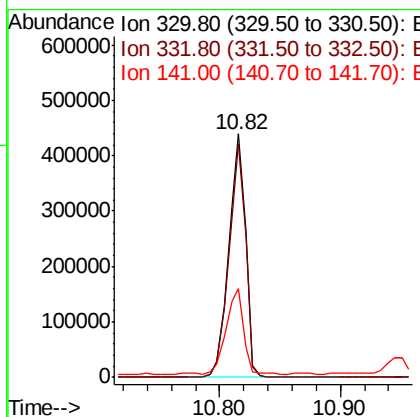
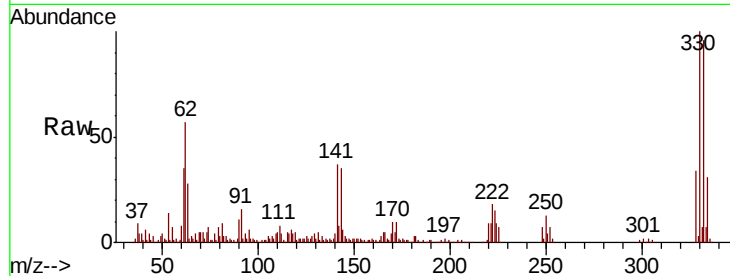
#42
 2,4,6-Tribromophenol
 Concen: 130.416 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109970.D
 Acq: 18 Oct 2018 20:31

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	35.7	27.0	40.4

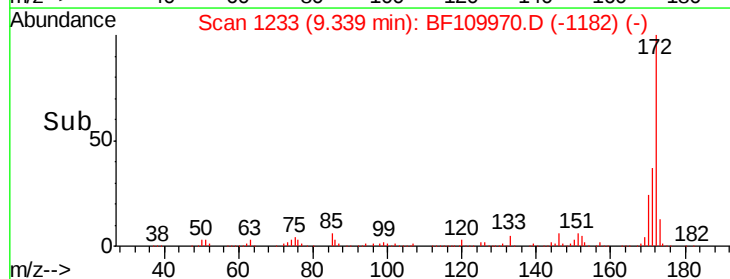
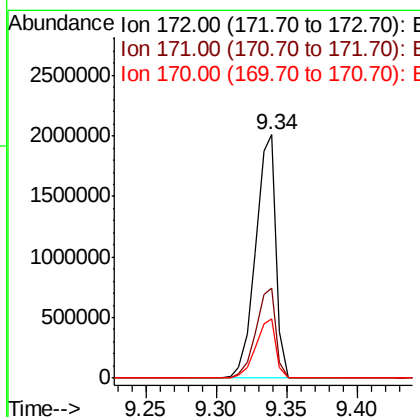
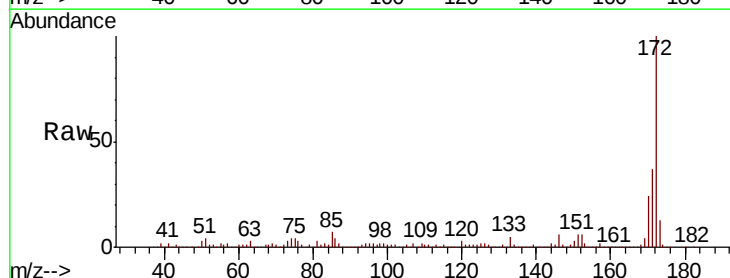
Manual Integrations
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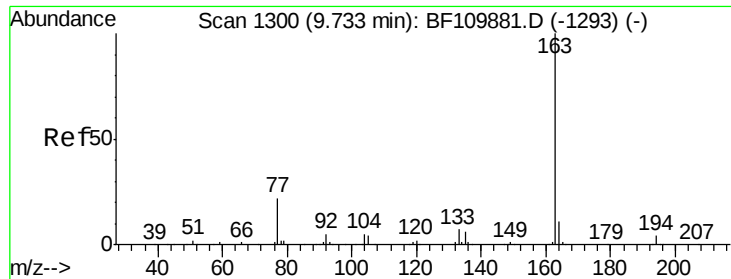
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#45
 2-Fluorobiphenyl
 Concen: 86.485 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109970.D
 Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.4	19.7	29.5





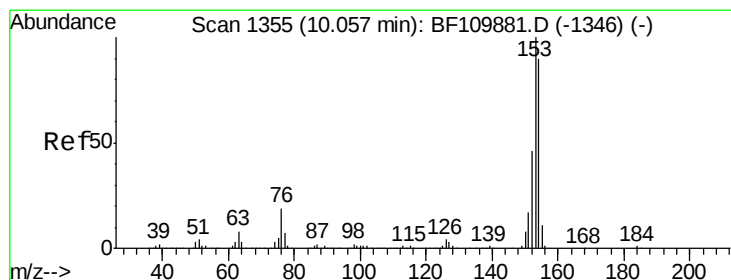
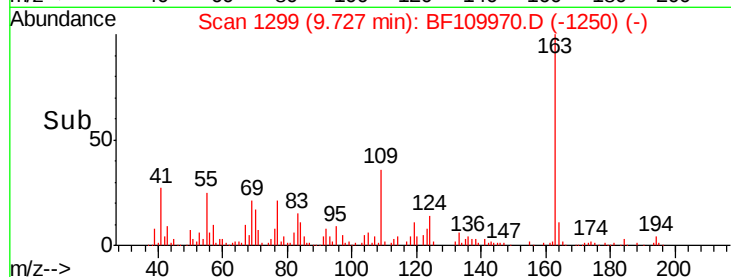
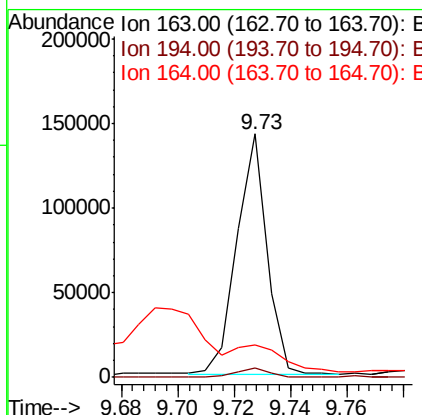
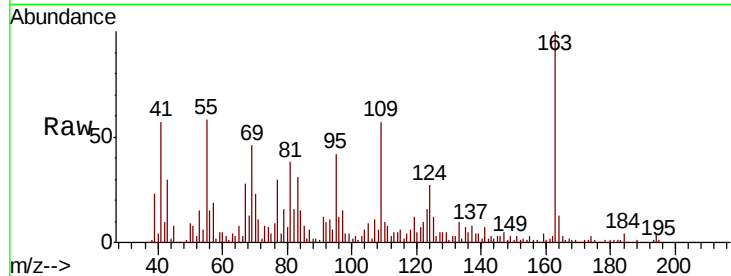
#50
Dimethylphthalate
Concen: 3.922 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.2	4.8
164	13.4	8.1	12.1

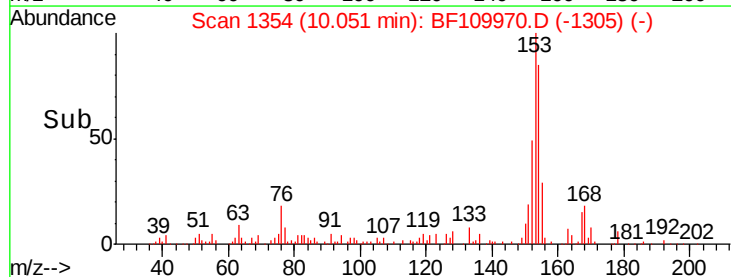
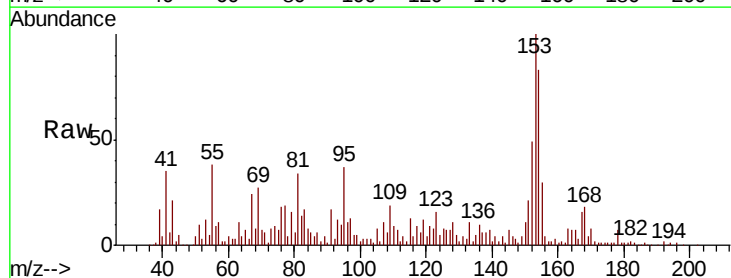
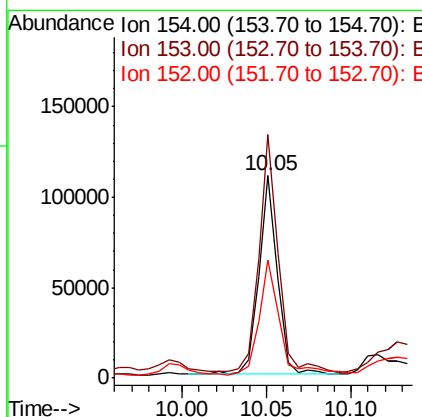
Manual Integrations
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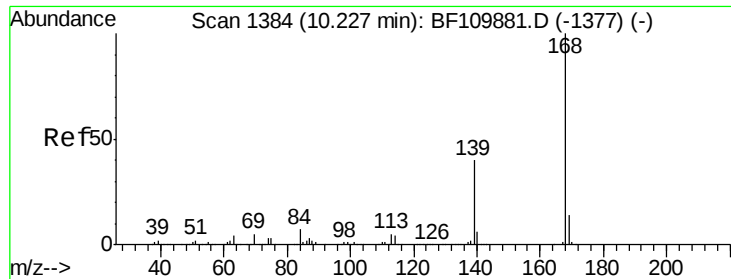
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#52
Acenaphthene
Concen: 3.716 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	120.5	90.1	135.1
152	58.6	43.4	65.2





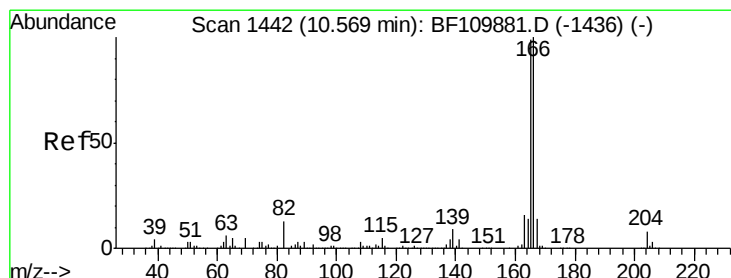
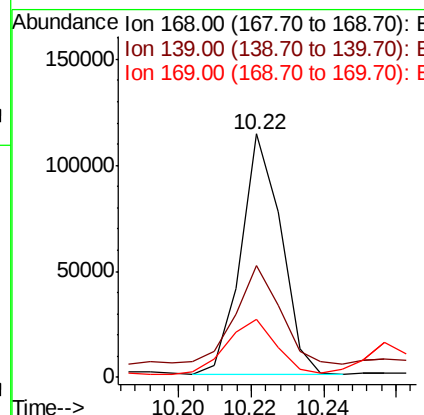
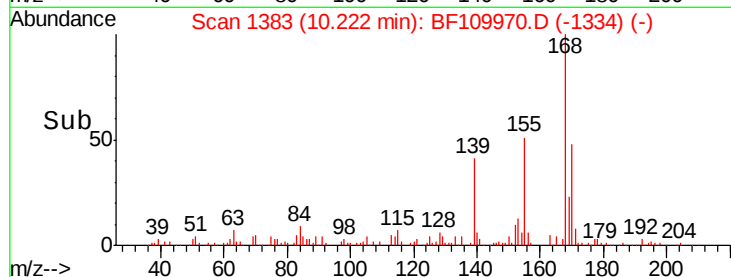
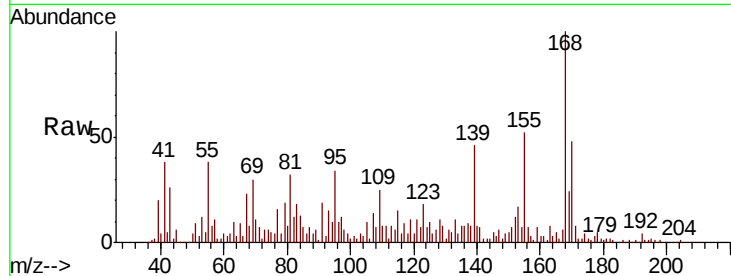
#55
Dibenzofuran
Concen: 2.688 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
168	100		
139	45.7	33.0	49.6
169	23.7	11.3	16.9

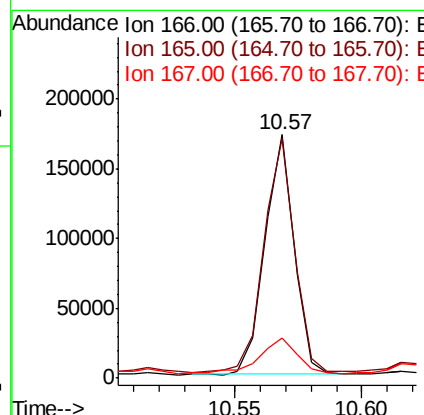
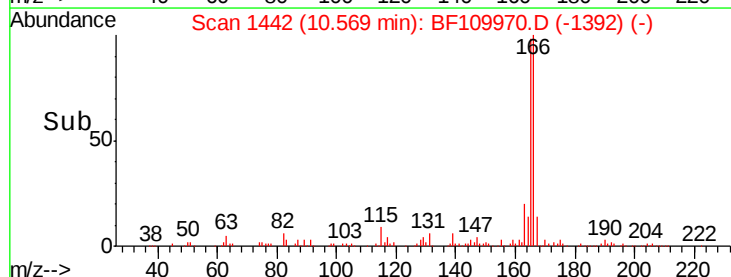
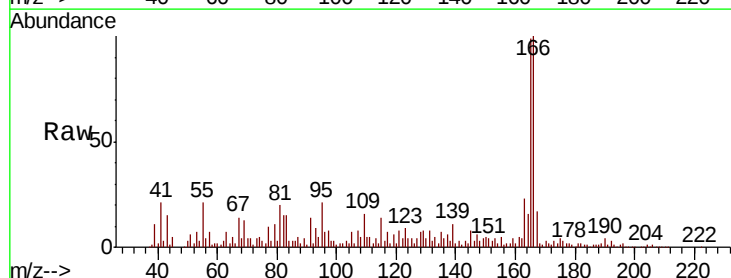
Manual Integrations
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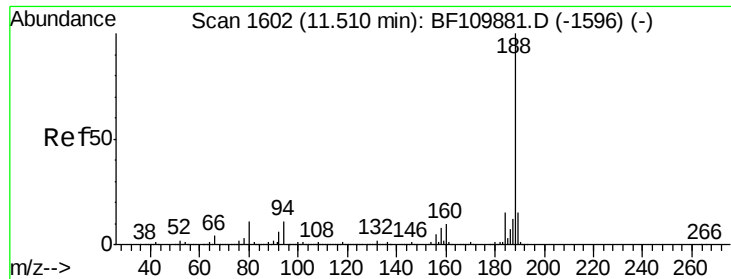
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#58
Fluorene
Concen: 5.860 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109970.D
Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	16.5	10.8	16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF109970.D

Acq: 18 Oct 2018 20:31

Instrument :

BNA_F

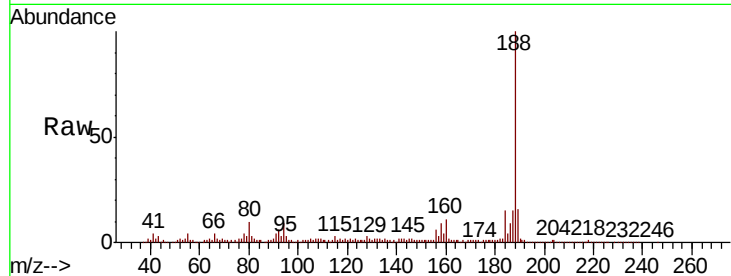
ClientSampled :

MW-1

Tot Ion:	188	Resp:	643705
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.2	10.8
80	10.3	7.9	11.9

Manual Integrations
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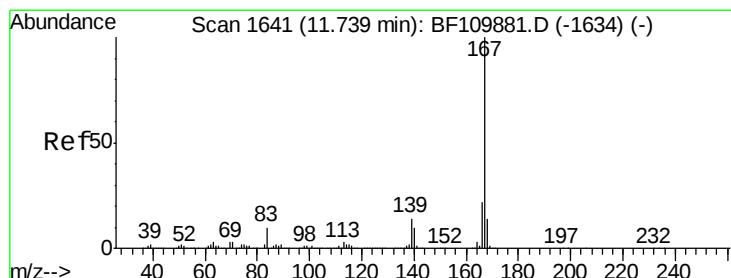
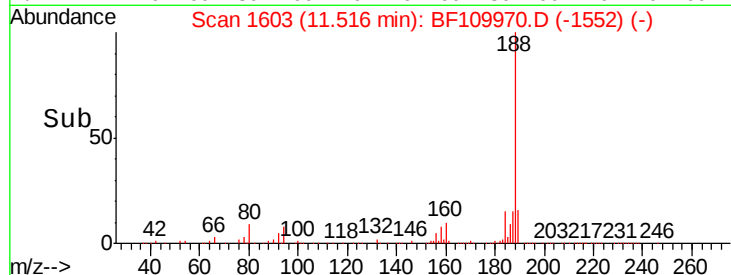
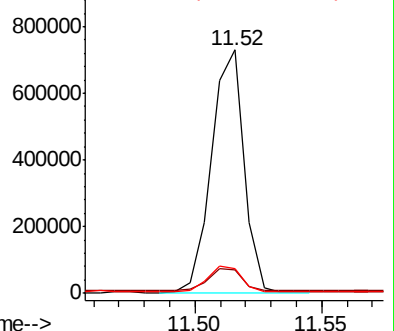
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#73

Carbazole

Concen: 2.380 ng

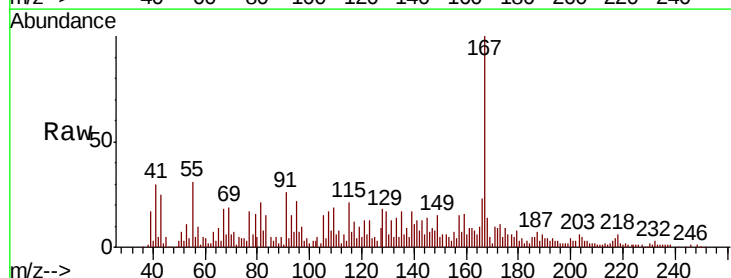
RT: 11.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BF109970.D

Acq: 18 Oct 2018 20:31

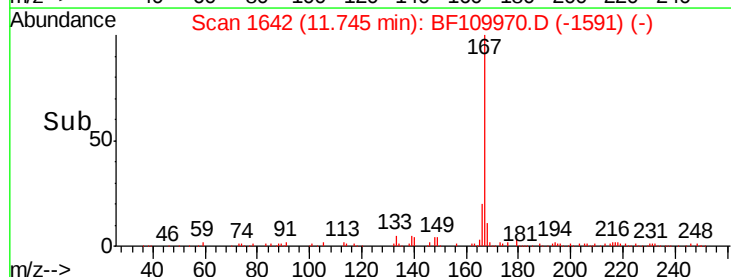
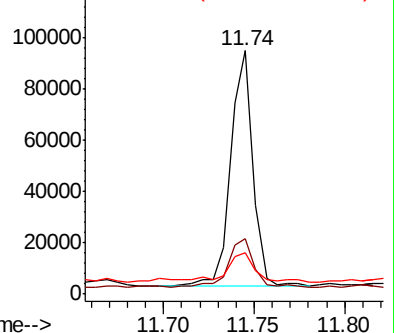
Tgt Ion:	167	Resp:	78359
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.4	26.0
139	17.1	10.9	16.3#

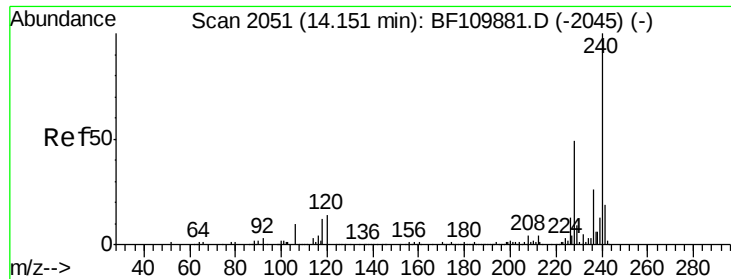


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





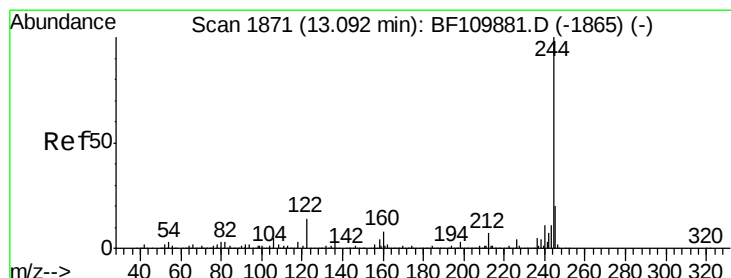
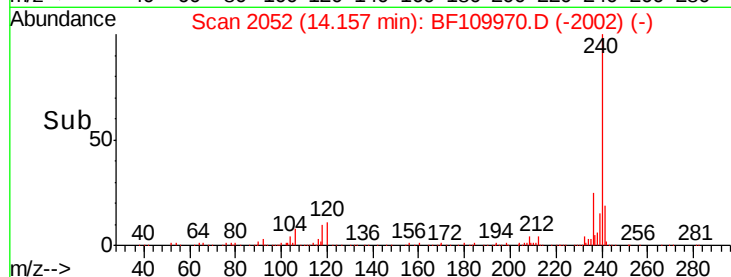
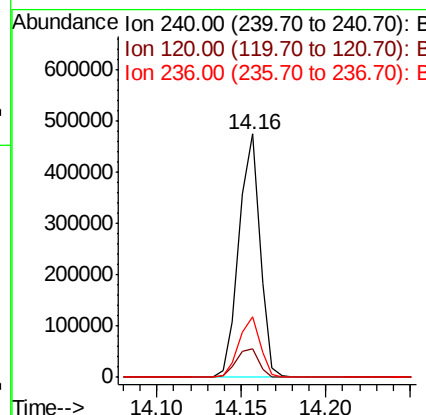
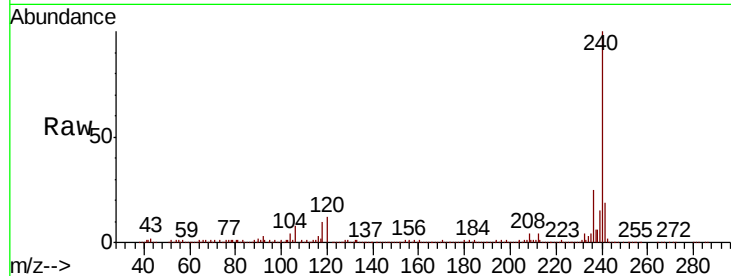
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109970.D
 Acq: 18 Oct 2018 20:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.1	21.2	31.8

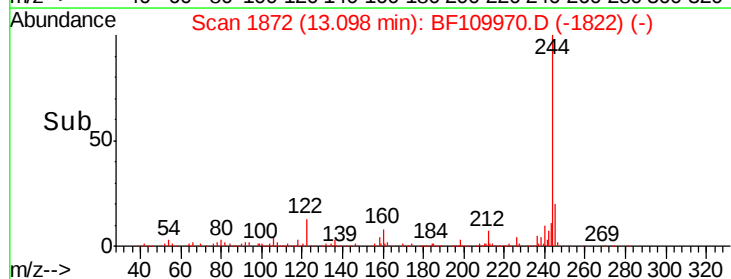
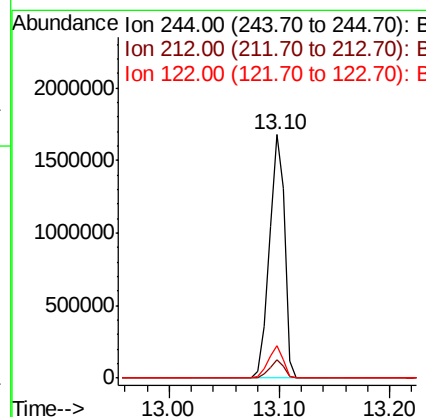
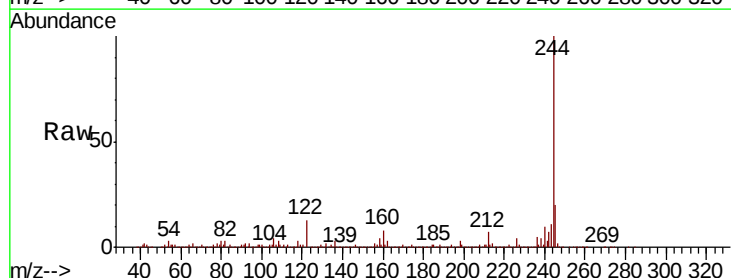
Manual Integrations
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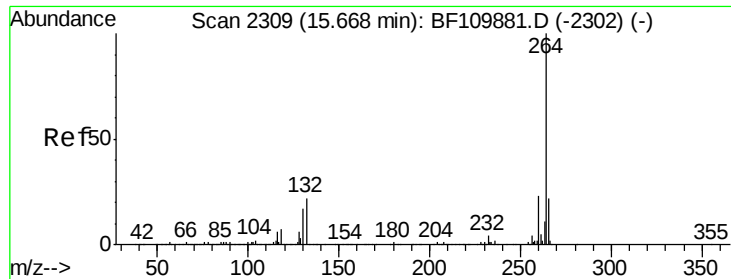
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#79
 Terphenyl-d14
 Concen: 82.797 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109970.D
 Acq: 18 Oct 2018 20:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.3	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: BF109970.D
Acq: 18 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:	264	Resp:	397484
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.1	16.7	25.1

Manual Integrations
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