

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109153.D
 Acq On : 19 Sep 2018 19:36
 Operator : JU/SJ
 Sample : J4771-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-091818

Quant Time: Sep 20 04:51:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

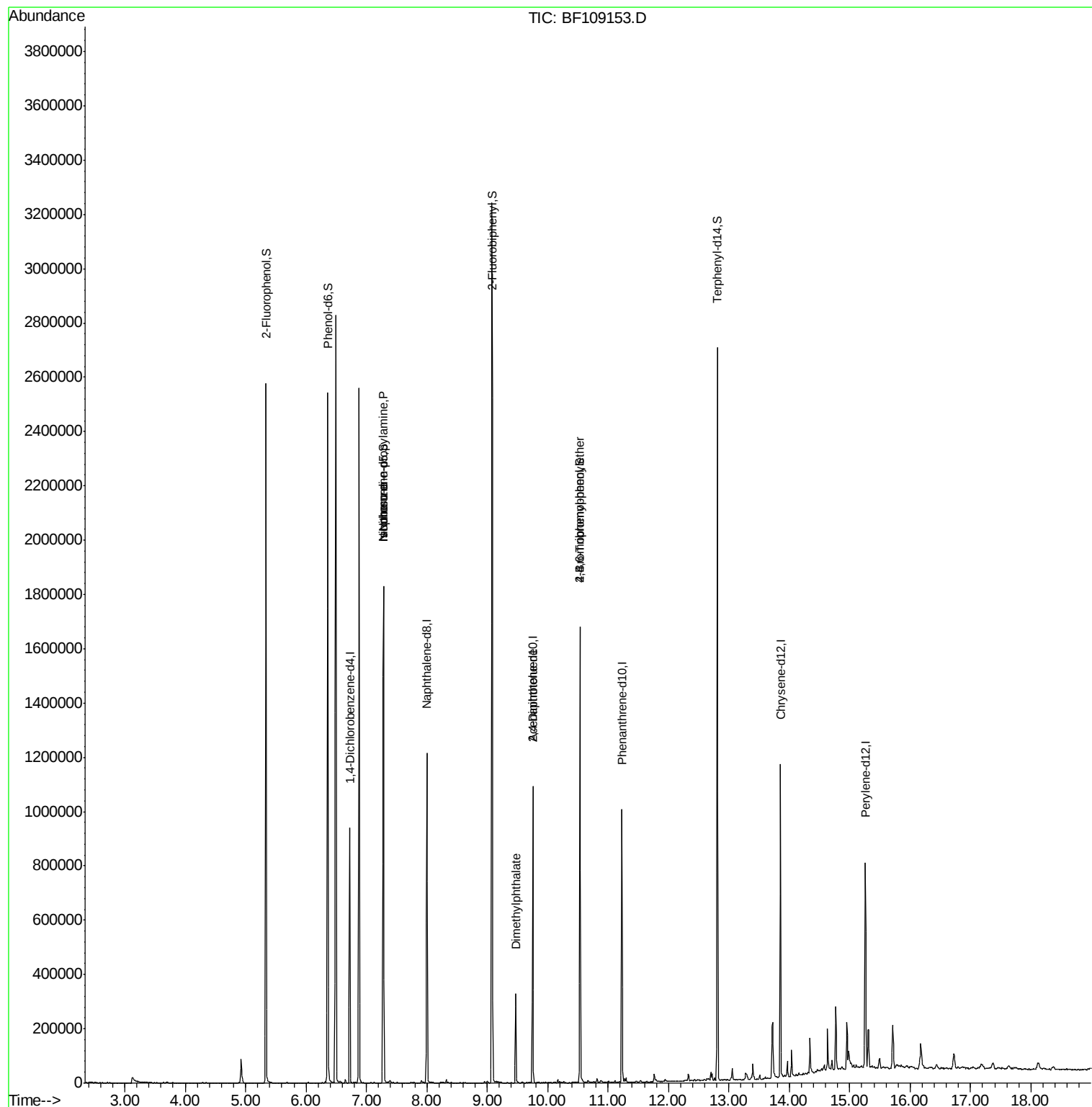
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142962	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	504556	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	215542	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	369134	20.00	ng	0.00
75) Chrysene-d12	13.85	240	357155	20.00	ng	0.00
86) Perylene-d12	15.26	264	329676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	804248	93.43	ng	0.01
7) Phenol-d6	6.36	99	1012797	91.25	ng	0.00
23) Nitrobenzene-d5	7.28	82	614310	68.29	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	198934	85.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1023340	74.38	ng	0.00
78) Terphenyl-d14	12.81	244	884037	58.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	82236	11.209	ng	# 74
25) Isophorone	7.28	82	610594	39.486	ng	# 64
49) Dimethylphthalate	9.47	163	131335	8.525	ng	100
56) 2,4-Dinitrotoluene	9.75	165	26810	6.000	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	12149	2.919	ng	# 1

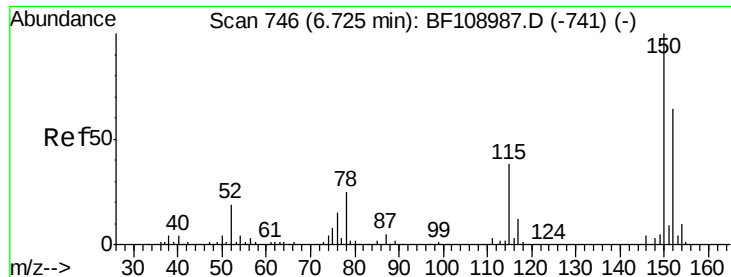
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 04:51:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

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BNA_F

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NB-07-091818

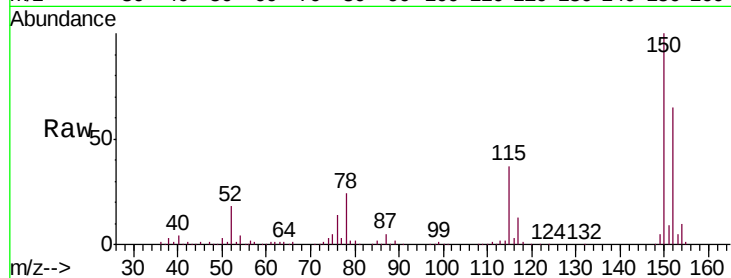
Tgt Ion:152 Resp: 142962

Ion Ratio Lower Upper

152 100

150 153.2 124.6 186.8

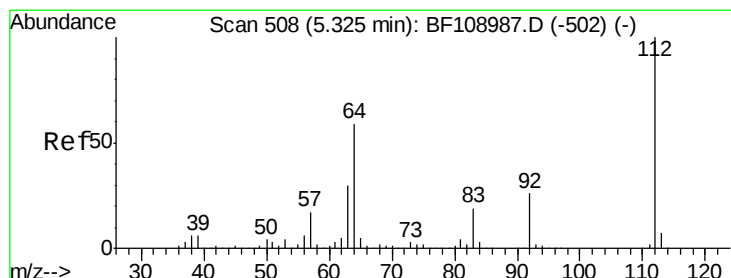
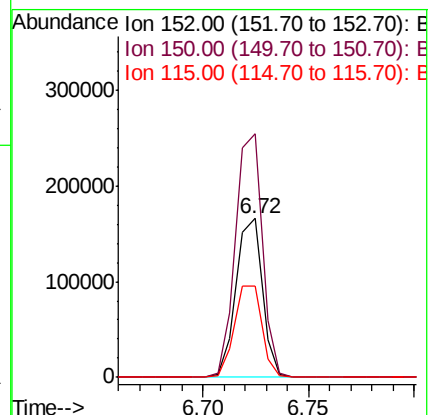
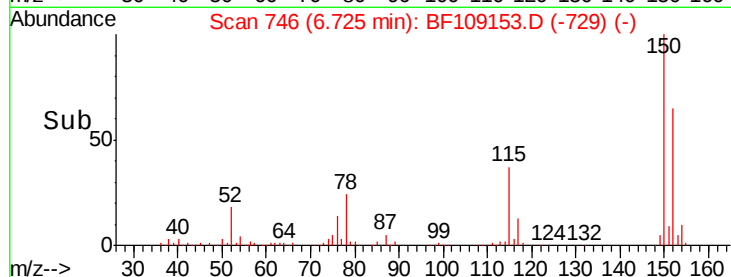
115 57.1 50.1 75.1



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: 93.435 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

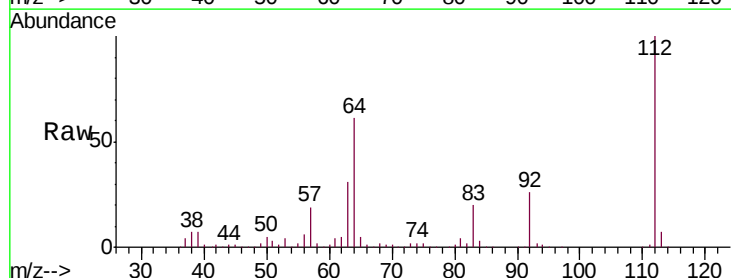
Tgt Ion:112 Resp: 804248

Ion Ratio Lower Upper

112 100

64 60.7 47.9 71.9

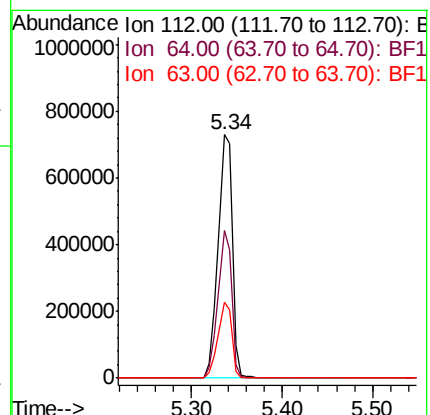
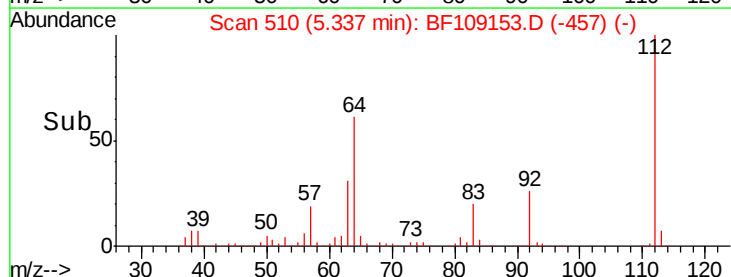
63 31.4 23.7 35.5



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: 91.251 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

Instrument :

BNA_F

ClientSampleId :

NB-07-091818

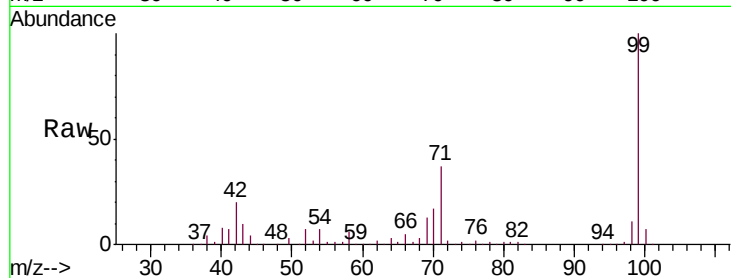
Tgt Ion: 99 Resp: 1012797

Ion Ratio Lower Upper

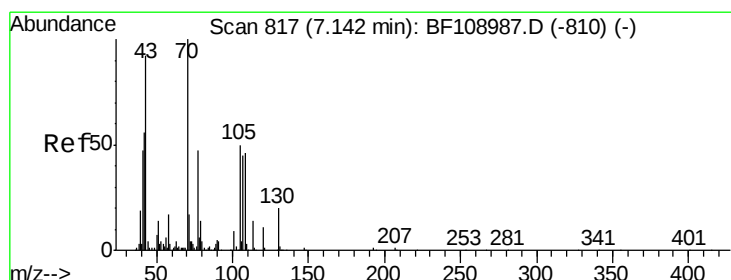
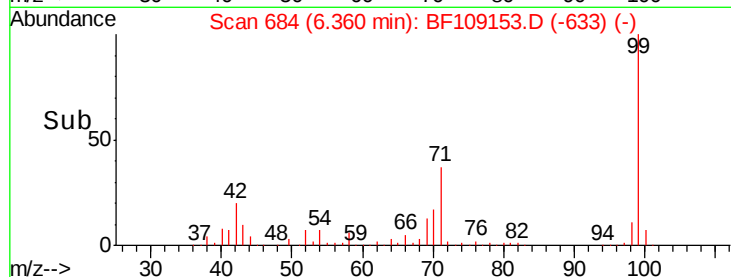
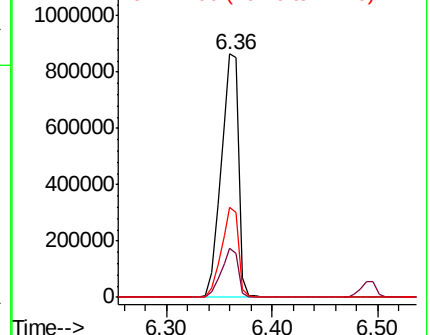
99 100

42 20.1 14.5 21.7

71 37.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.209 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

Tgt Ion: 70 Resp: 82236

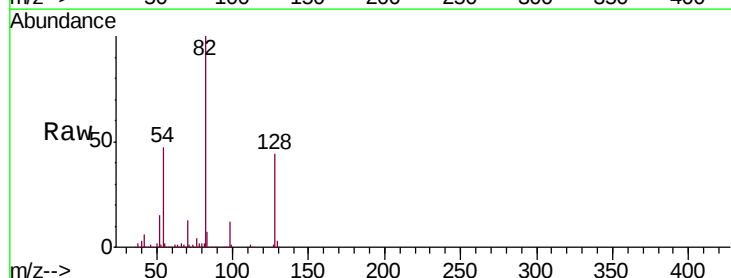
Ion Ratio Lower Upper

70 100

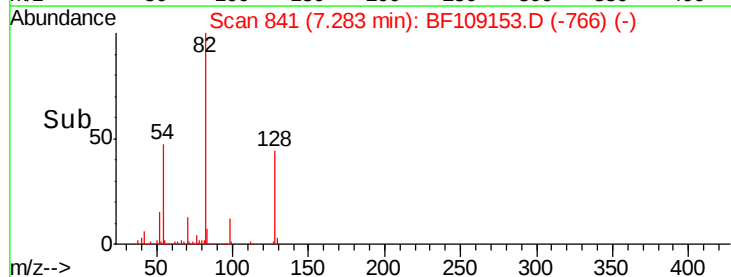
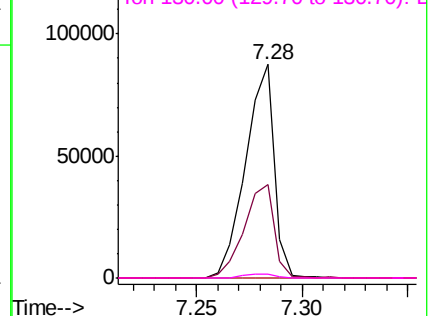
42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

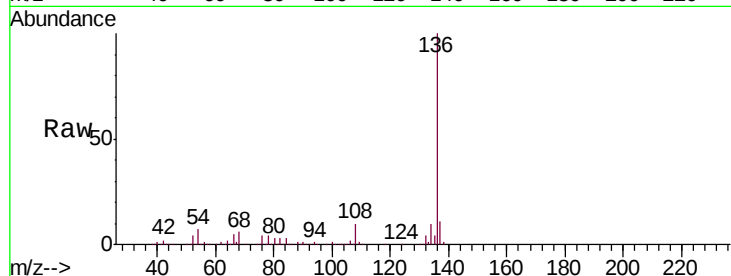




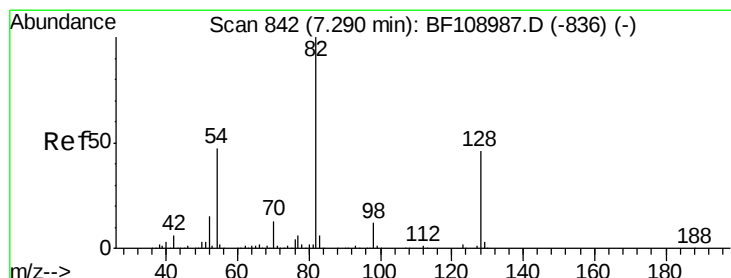
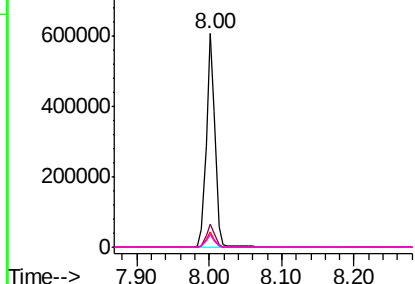
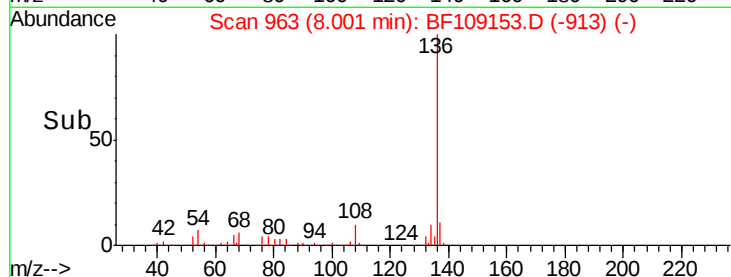
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109153.D
Acq: 19 Sep 2018 19:36

Instrument :
BNA_F
ClientSampleId :
NB-07-091818

Tgt Ion:	136	Resp:	504556
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4

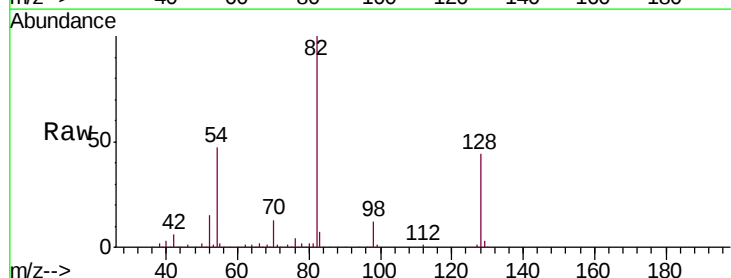


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

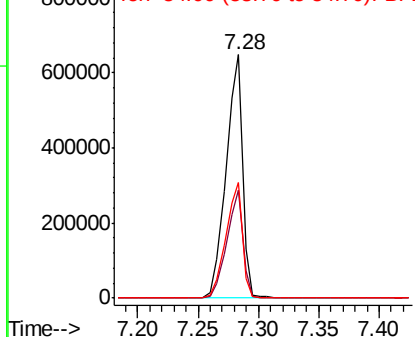
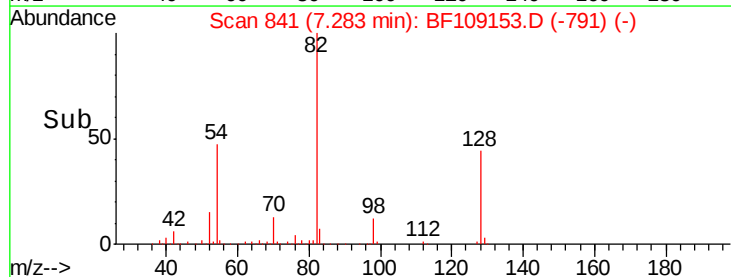


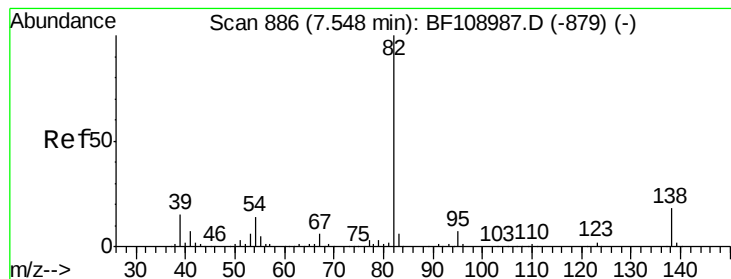
#23
Nitrobenzene-d5
Concen: 68.289 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109153.D
Acq: 19 Sep 2018 19:36

Tgt Ion:	82	Resp:	614310
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	47.2	41.4	62.2



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





#25

Isophorone

Concen: 39.486 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

Instrument :

BNA_F

ClientSampleId :

NB-07-091818

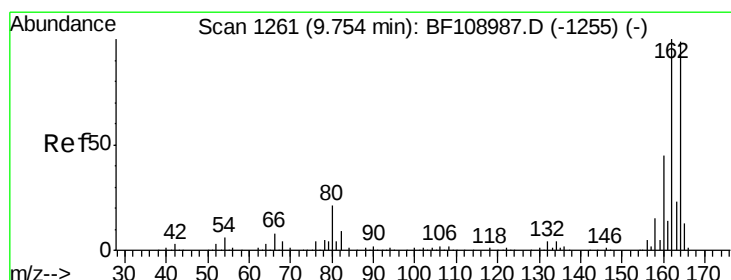
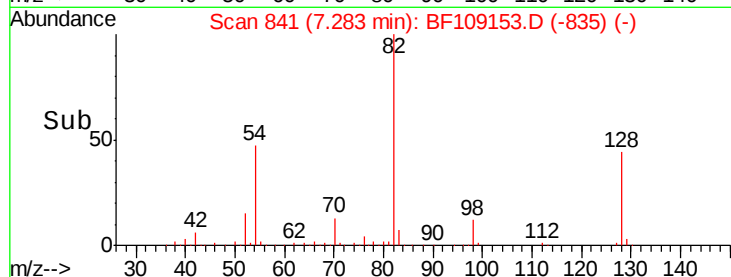
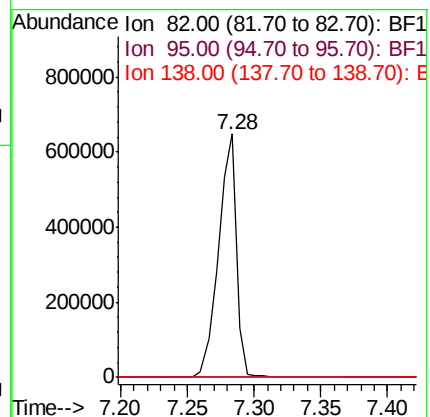
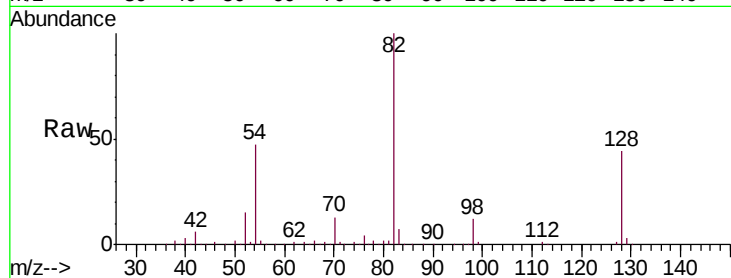
Tgt Ion: 82 Resp: 610594

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

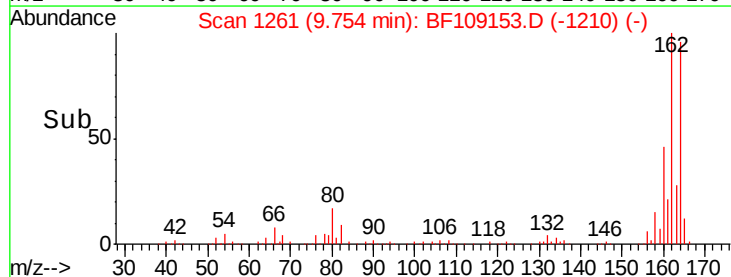
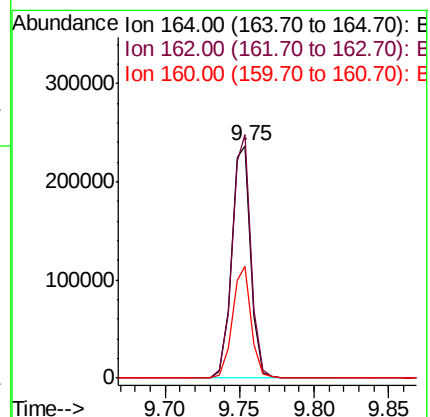
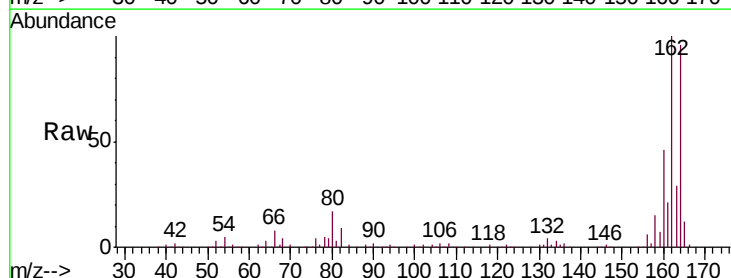
Tgt Ion: 164 Resp: 215542

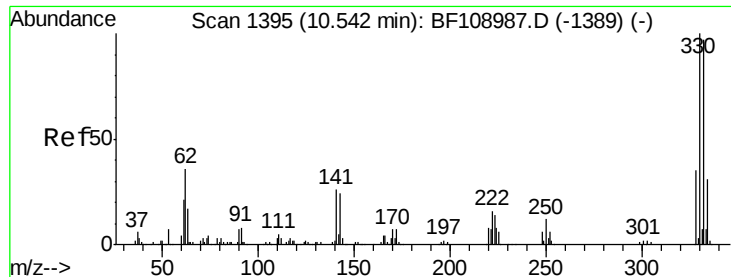
Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

160 47.9 38.3 57.5

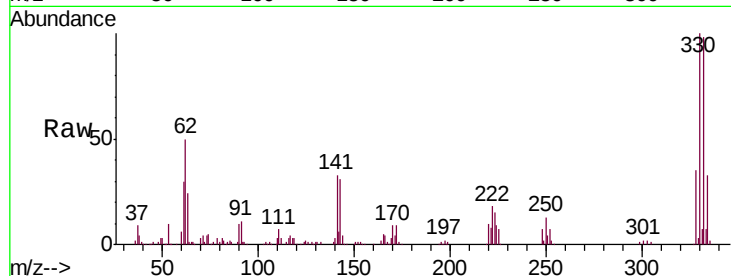




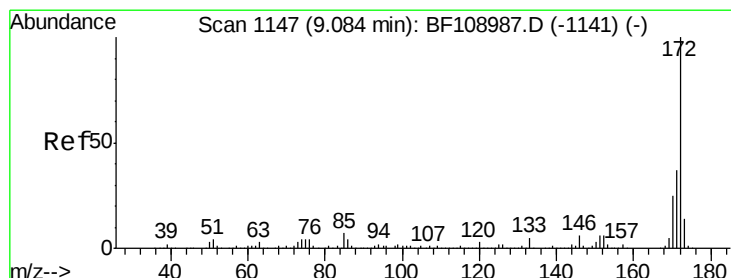
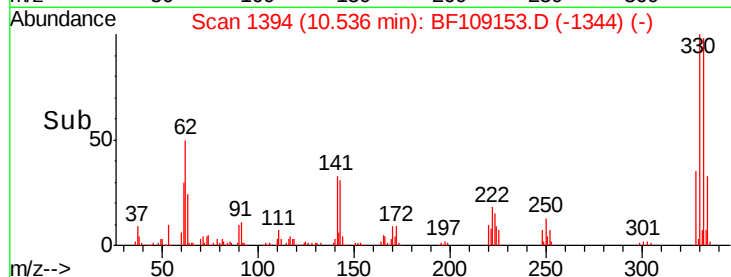
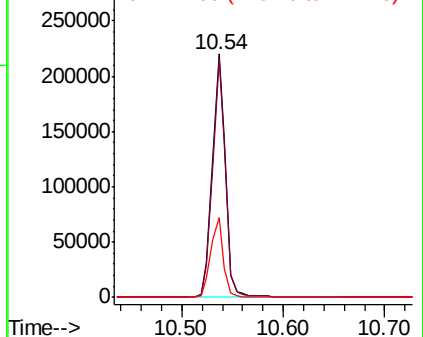
#41
 2,4,6-Tribromophenol
 Concen: 85.043 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109153.D
 Acq: 19 Sep 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-091818

Tgt Ion: 330 Resp: 198934
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 31.5 29.9 44.9

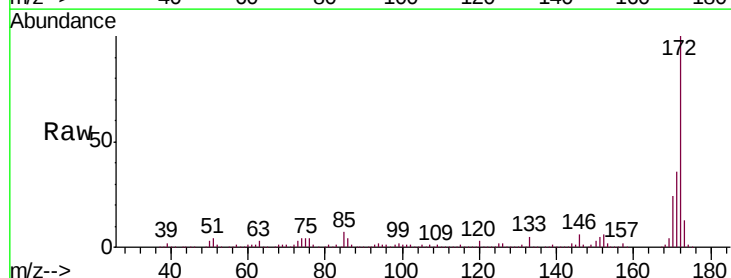


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

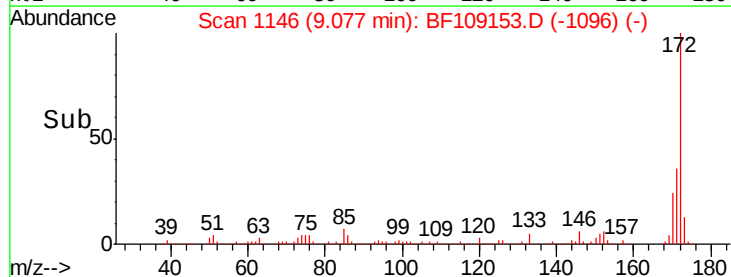
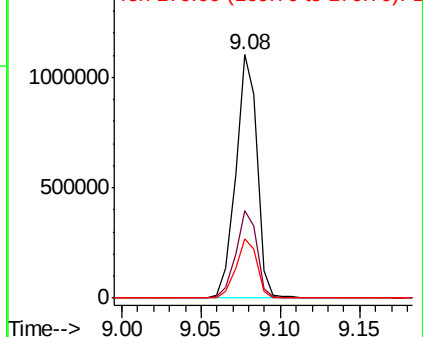


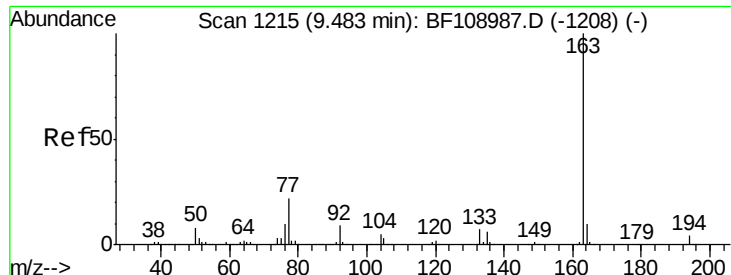
#44
 2-Fluorobiphenyl
 Concen: 74.384 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109153.D
 Acq: 19 Sep 2018 19:36

Tgt Ion: 172 Resp: 1023340
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4



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

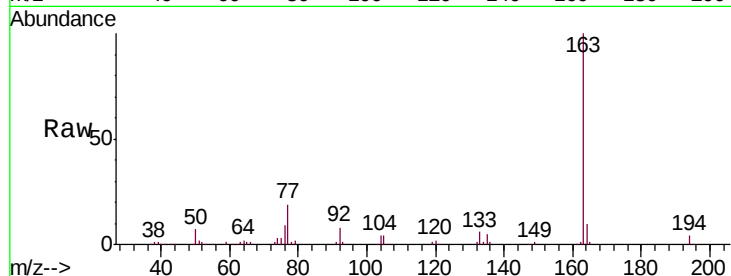




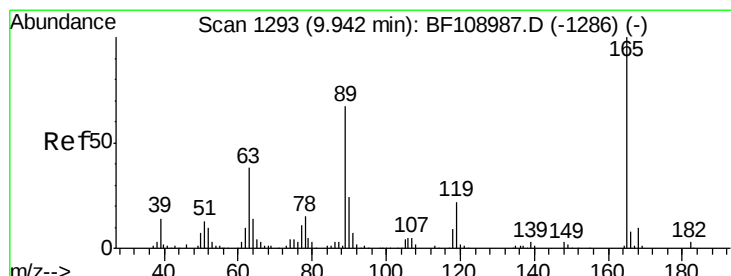
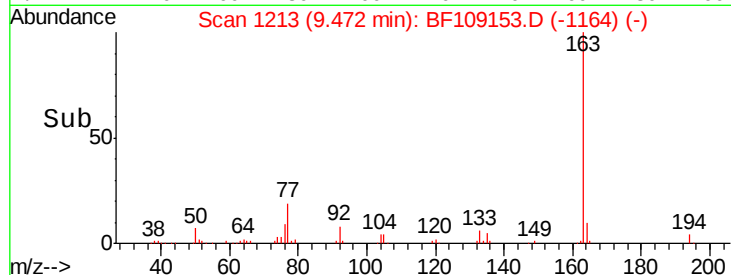
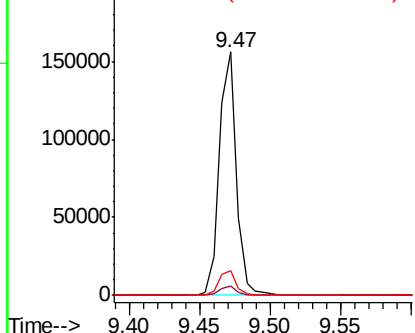
#49
Dimethylphthalate
Concen: 8.525 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109153.D
Acq: 19 Sep 2018 19:36

Instrument :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

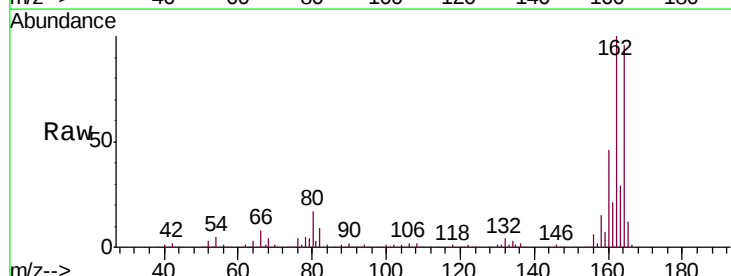


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

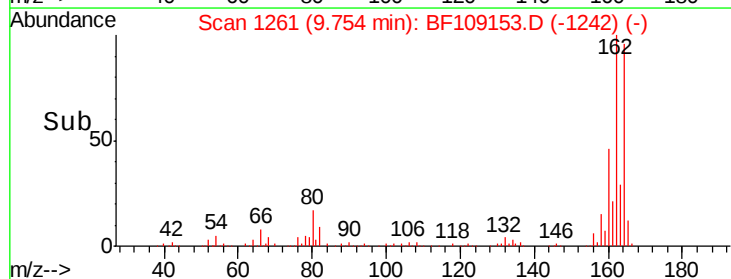
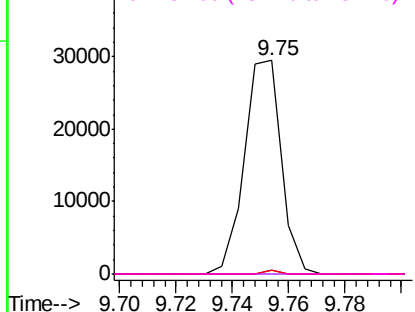


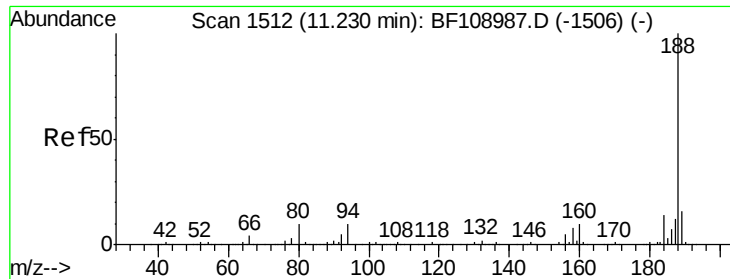
#56
2,4-Dinitrotoluene
Concen: 6.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.19 min
Lab File: BF109153.D
Acq: 19 Sep 2018 19:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

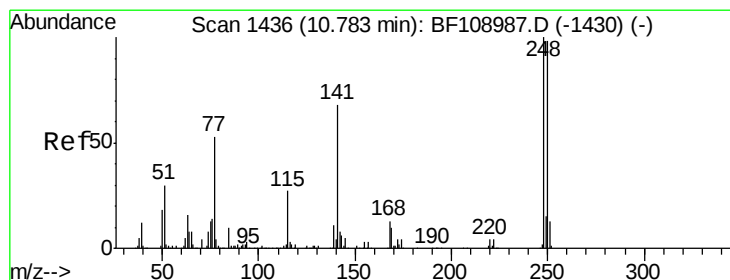
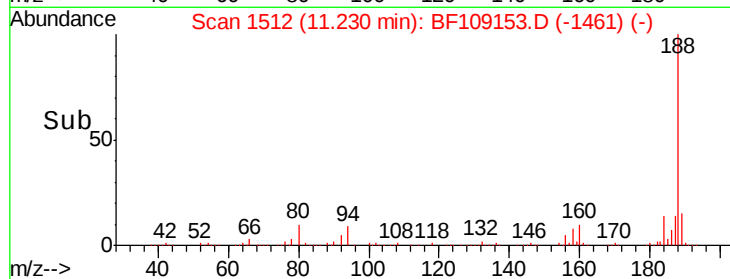
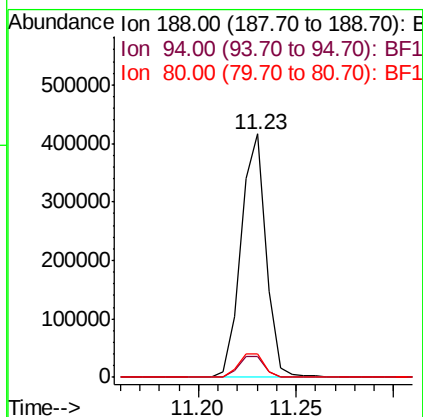
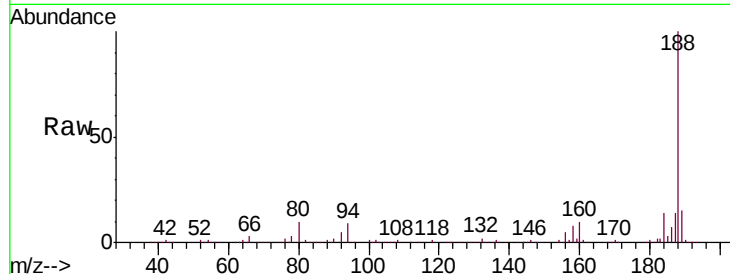




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF109153.D
 Acq: 19 Sep 2018 19:36

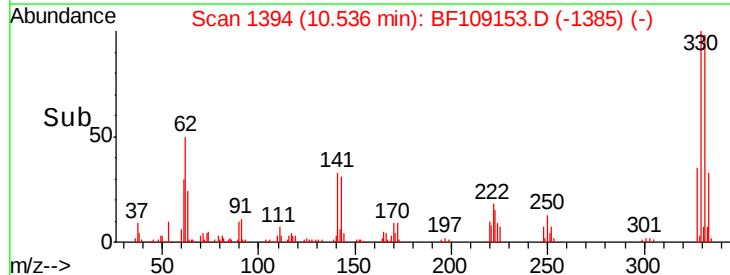
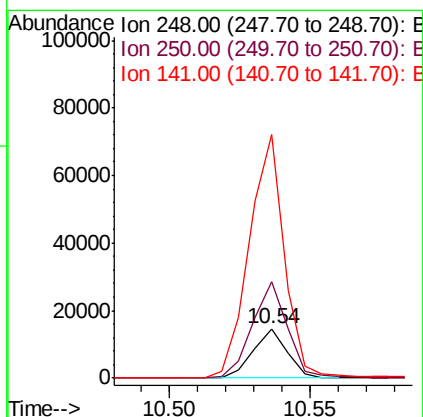
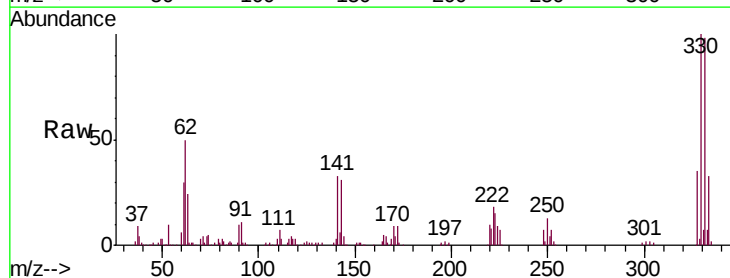
Instrument :
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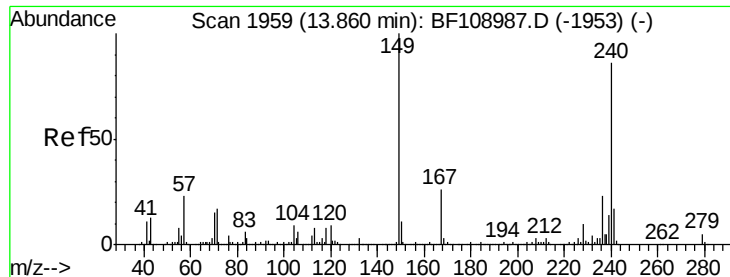
Tgt Ion:	188	Resp:	369134
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.7	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.919 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109153.D
 Acq: 19 Sep 2018 19:36

Tgt Ion:	248	Resp:	12149
Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.9	115.3#
141	494.8	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

Instrument :

BNA_F

ClientSampleId :

NB-07-091818

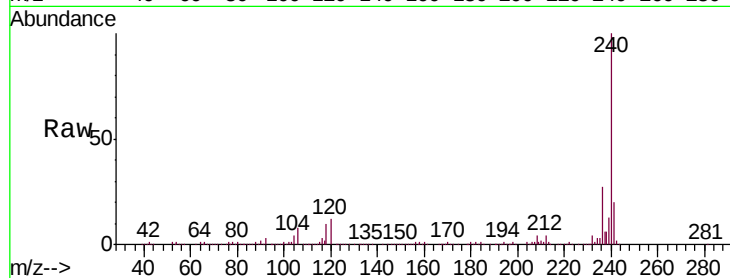
Tgt Ion:240 Resp: 357155

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

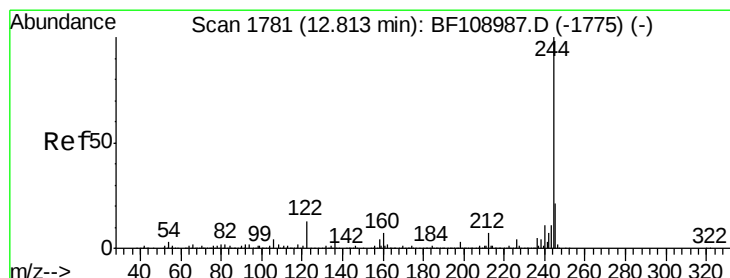
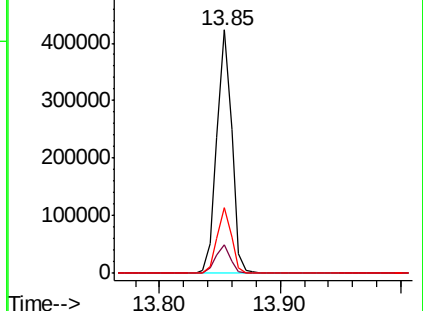
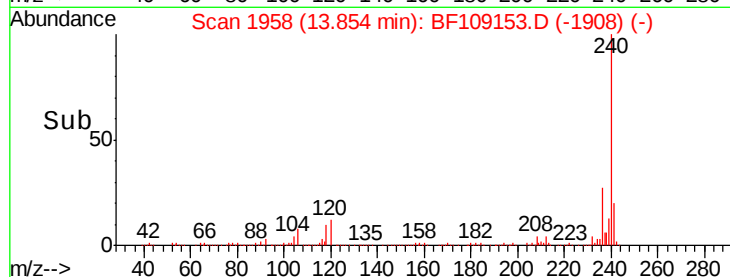
236 26.8 20.7 31.1



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

Terphenyl-d14

Concen: 58.669 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109153.D

Acq: 19 Sep 2018 19:36

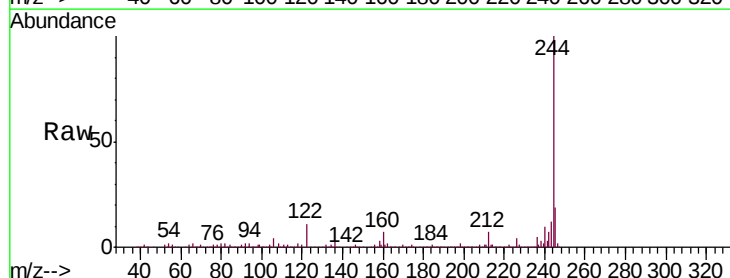
Tgt Ion:244 Resp: 884037

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

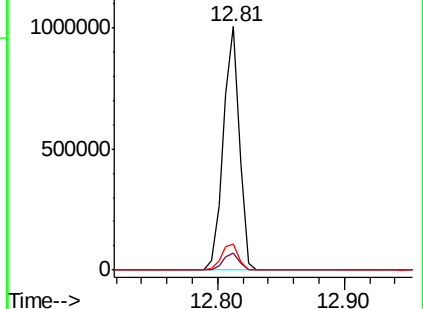
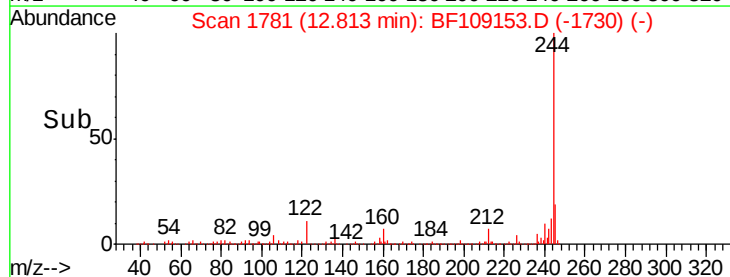
122 10.6 11.0 16.4#

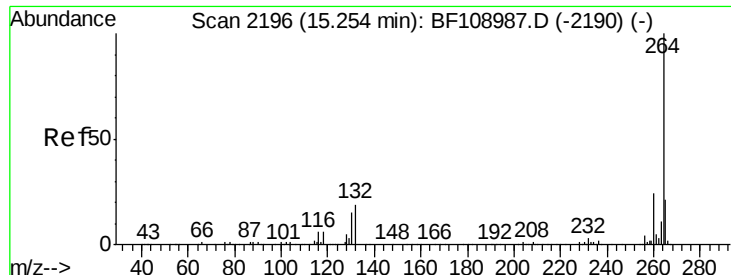


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

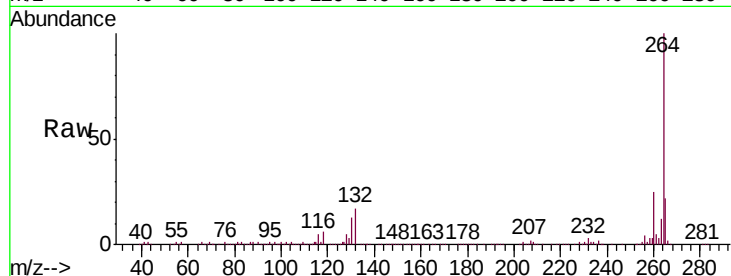




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109153.D
Acq: 19 Sep 2018 19:36

Instrument :
BNA_F
ClientSampleId :
NB-07-091818

Tgt Ion: 264 Resp: 329676
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.9 17.5 26.3



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

