

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109010.D
 Acq On : 14 Sep 2018 22:14
 Operator : JU/SJ
 Sample : J4892-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-091218

Quant Time: Sep 15 00:10:58 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

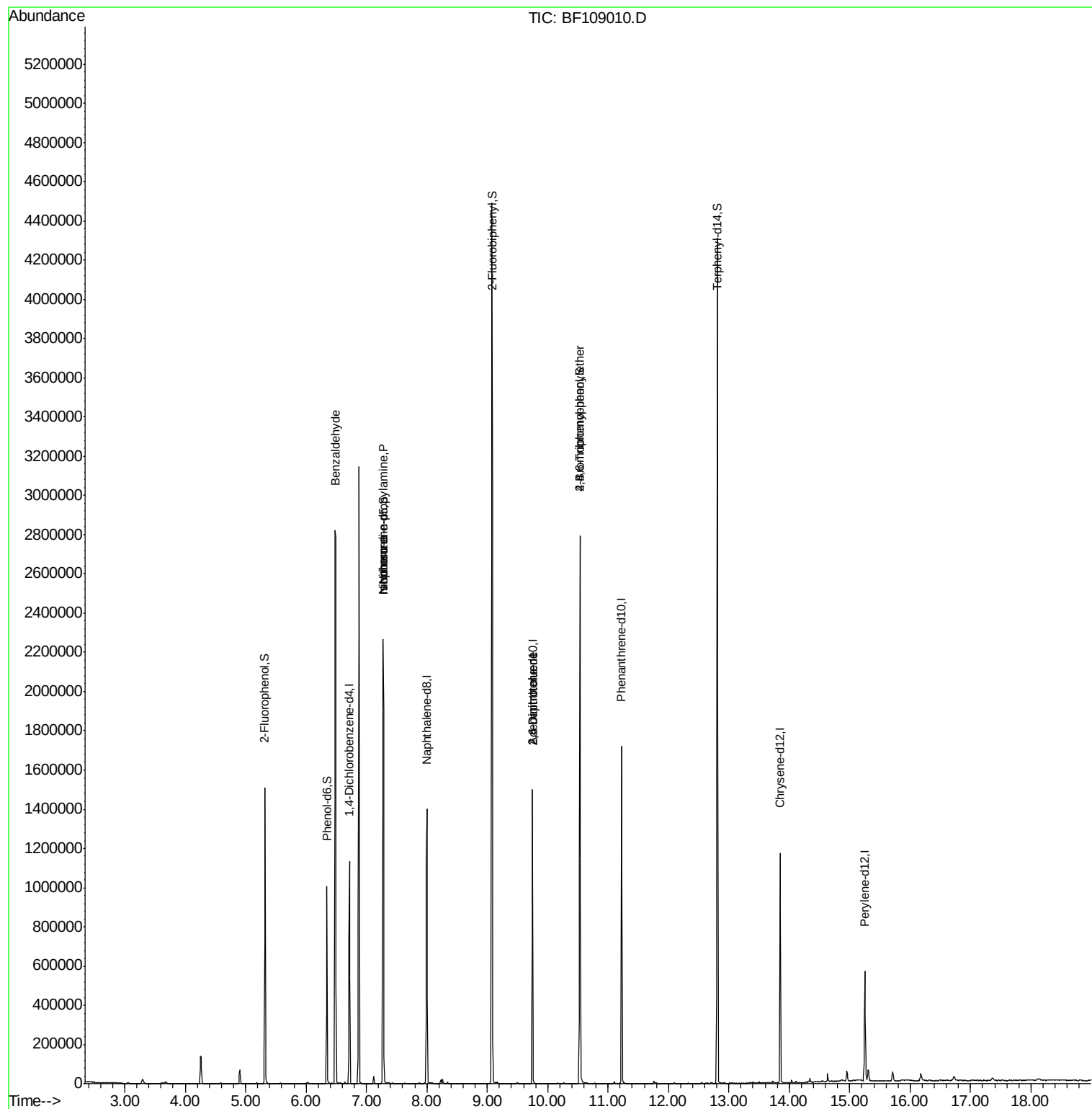
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155793	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	608481	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	265541	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	575321	20.00	ng	0.00
75) Chrysene-d12	13.85	240	389819	20.00	ng	-0.01
86) Perylene-d12	15.25	264	203192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	426739	45.49	ng	0.00
7) Phenol-d6	6.34	99	321502	26.58	ng	-0.02
23) Nitrobenzene-d5	7.28	82	824727	76.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	366032	127.01	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1457189	85.98	ng	0.00
78) Terphenyl-d14	12.81	244	1528196	92.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	19033	2.464	ng	# 69
19) n-Nitroso-di-n-propylamine	7.28	70	111323	13.924	ng	# 77
25) Isophorone	7.28	82	818830	43.909	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	33236	7.897	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	33236	6.038	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	22165	3.417	ng	# 1

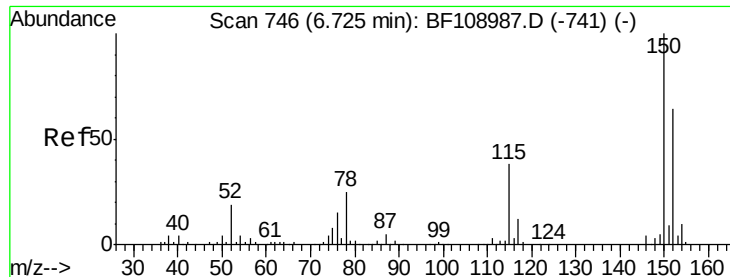
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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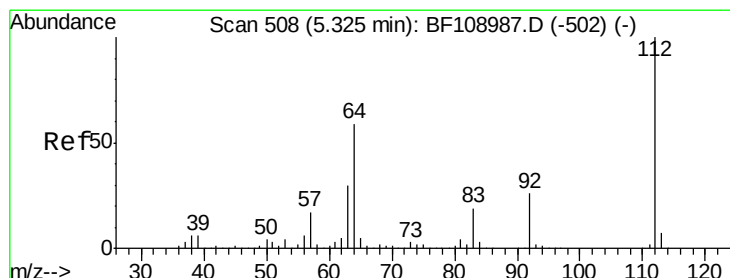
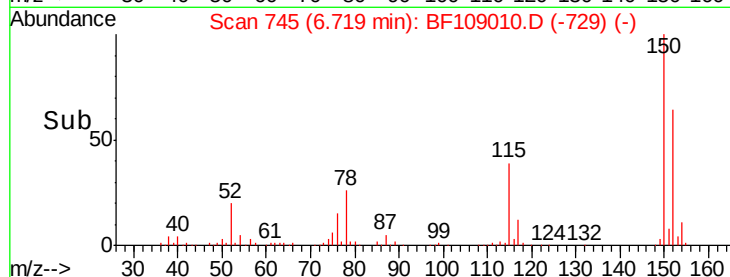
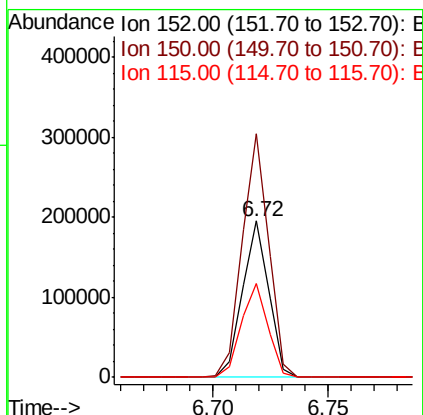
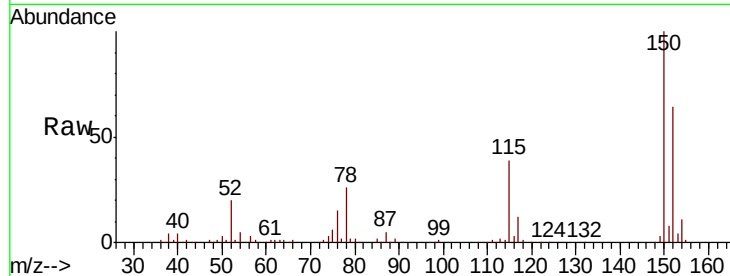




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

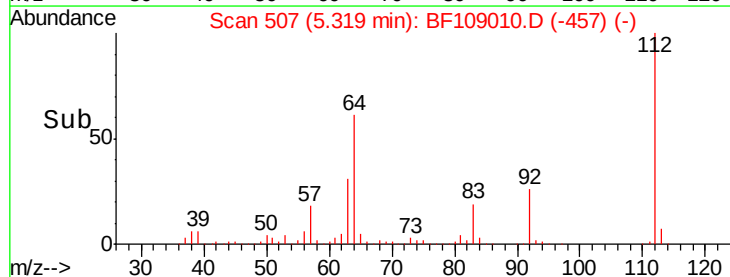
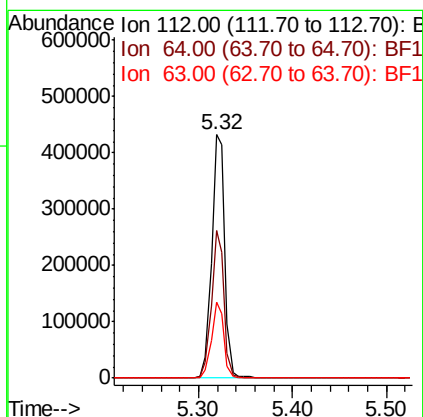
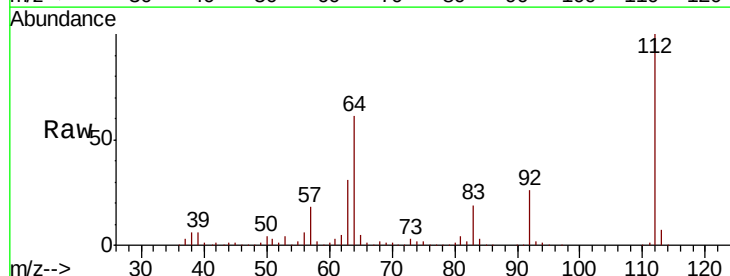
Instrument :
 BNA_F
 ClientSampleId :
 FB-091218

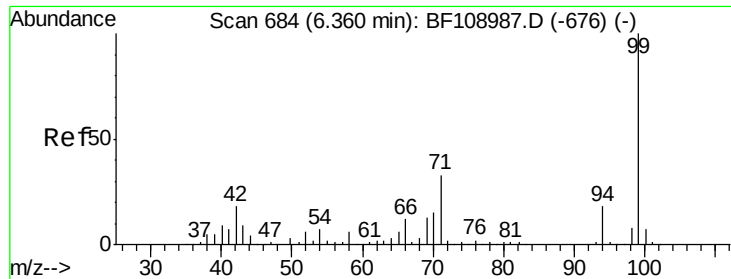
Tgt Ion:152 Resp: 155793
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 60.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 45.494 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Tgt Ion:112 Resp: 426739
 Ion Ratio Lower Upper
 112 100
 64 60.8 47.9 71.9
 63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 26.581 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

Instrument :

BNA_F

ClientSampleId :

FB-091218

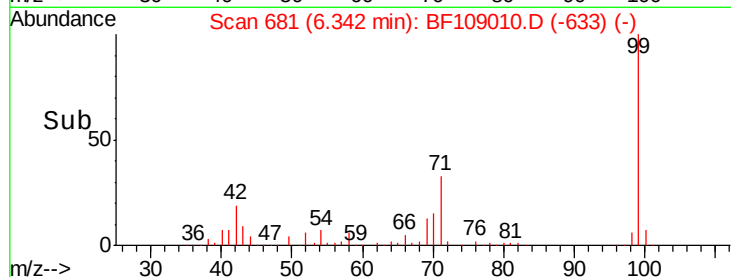
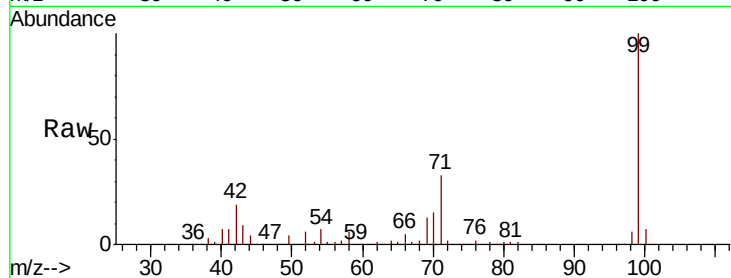
Tgt Ion: 99 Resp: 321502

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

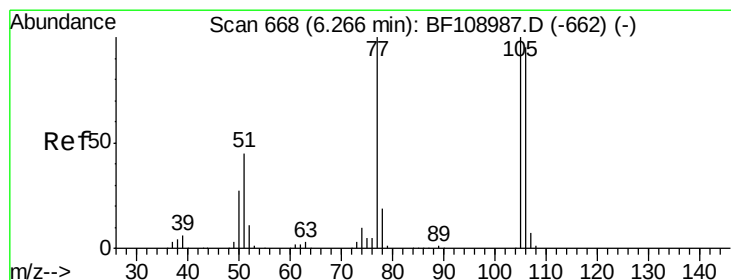
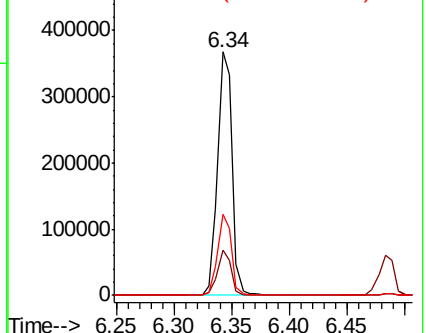
71 33.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.464 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

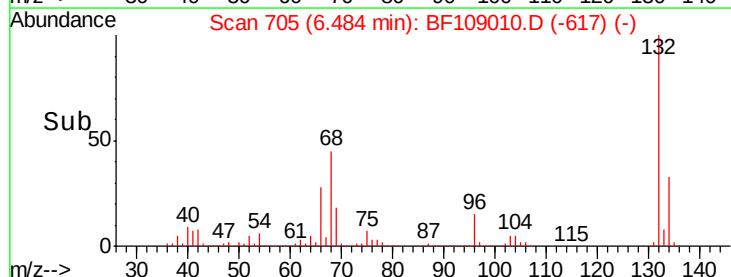
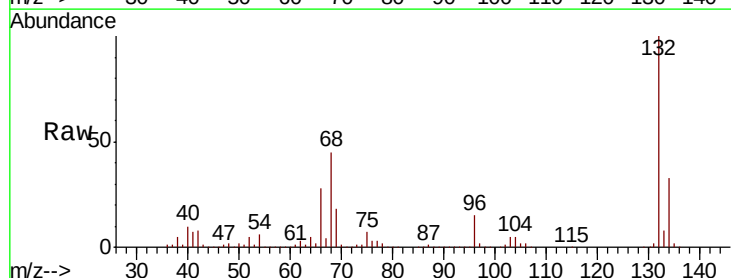
Tgt Ion: 77 Resp: 19033

Ion Ratio Lower Upper

77 100

105 72.3 81.1 121.1#

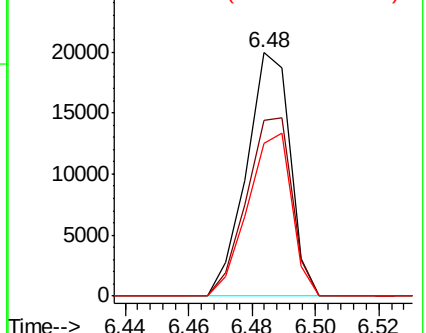
106 62.9 74.5 114.5#

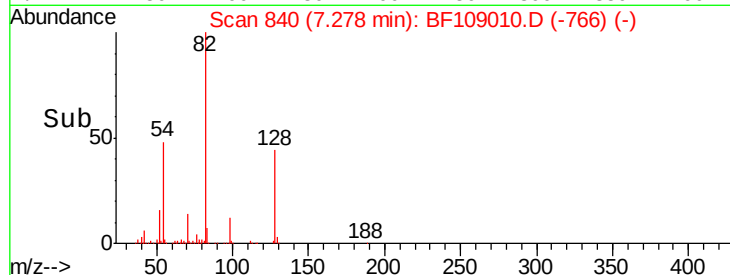
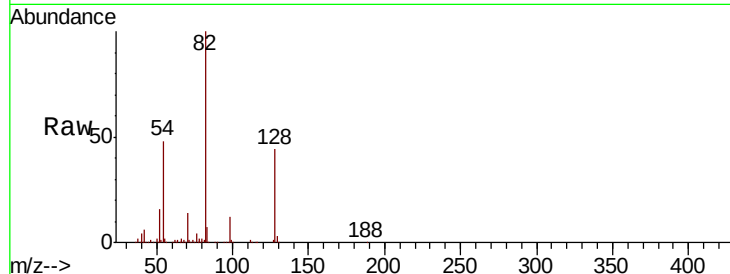
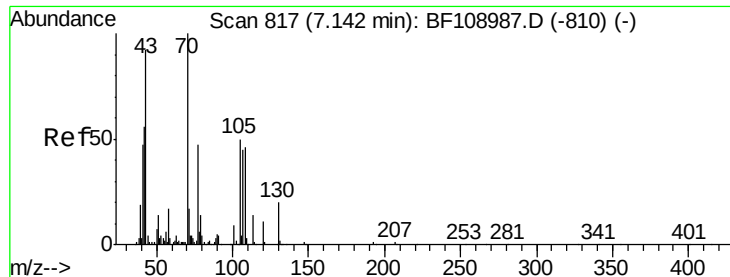


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

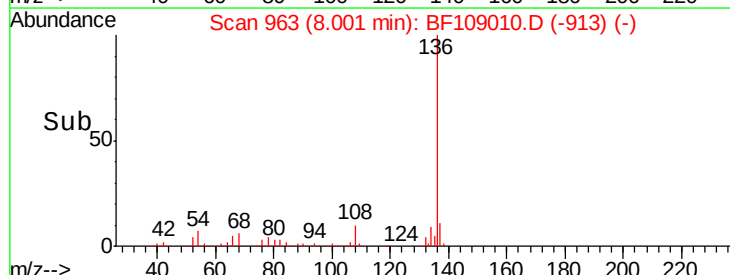
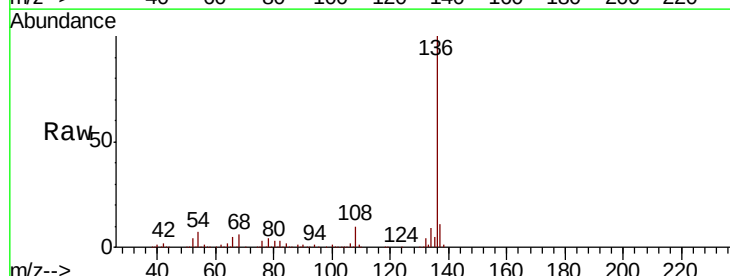
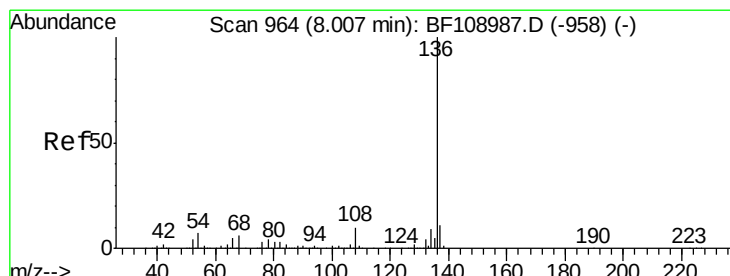
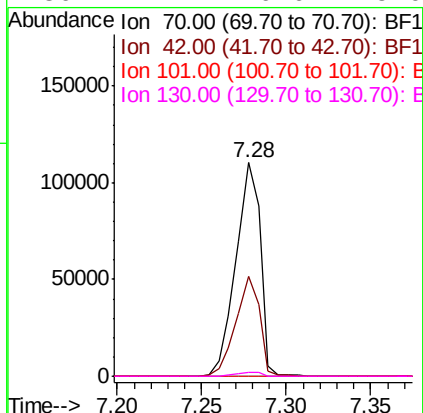




#19
n-Nitroso-di-n-propylamine
Concen: 13.924 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109010.D
Acq: 14 Sep 2018 22:14

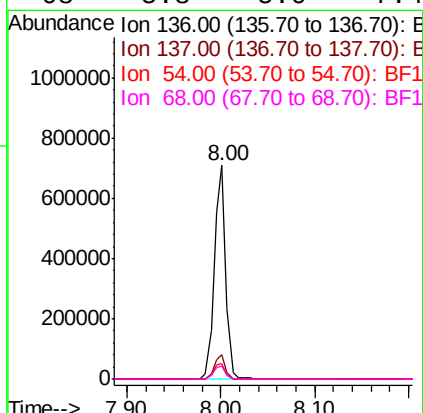
Instrument :
BNA_F
ClientSampleId :
FB-091218

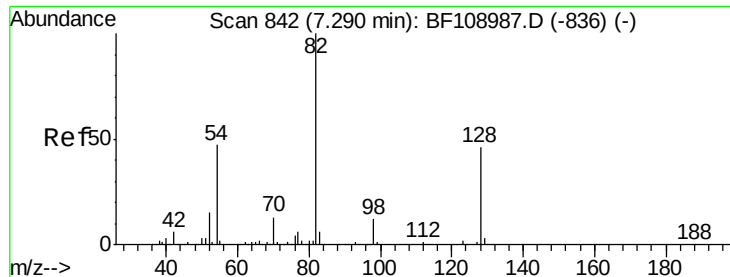
Tgt Ion: 70 Resp: 111323
Ion Ratio Lower Upper
70 100
42 46.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109010.D
Acq: 14 Sep 2018 22:14

Tgt Ion: 136 Resp: 608481
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.0 6.6 9.8
68 5.8 5.0 7.4

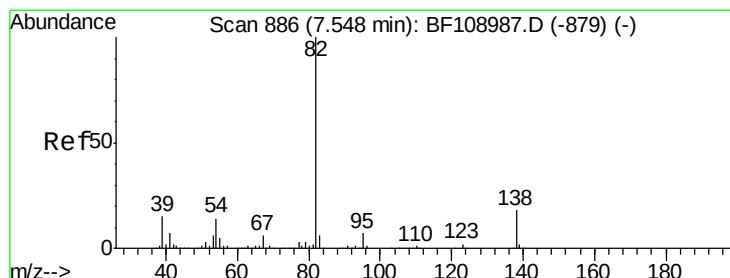
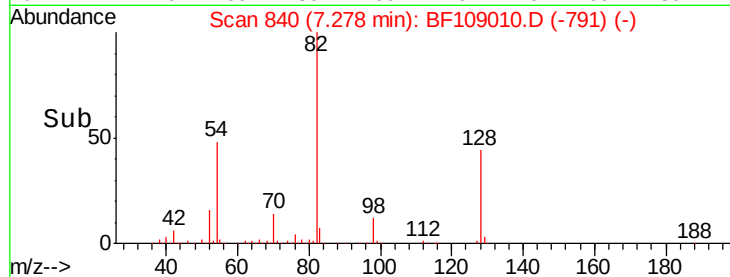
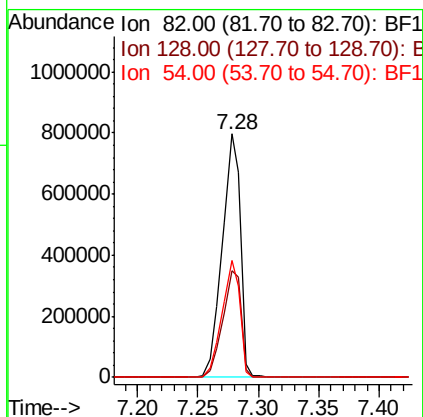
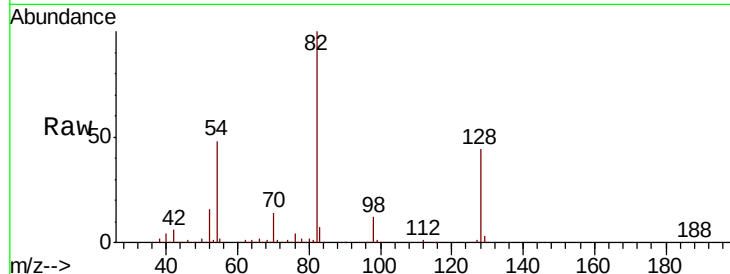




#23
 Nitrobenzene-d5
 Concen: 76.021 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

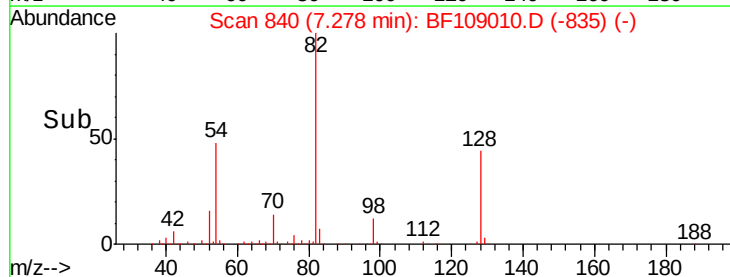
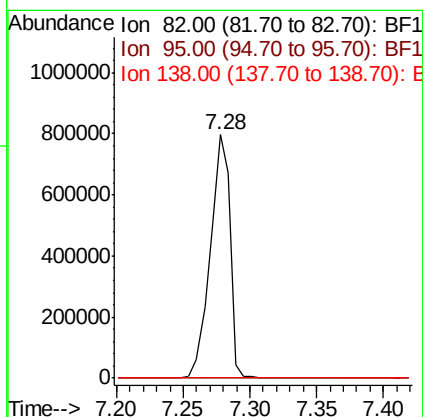
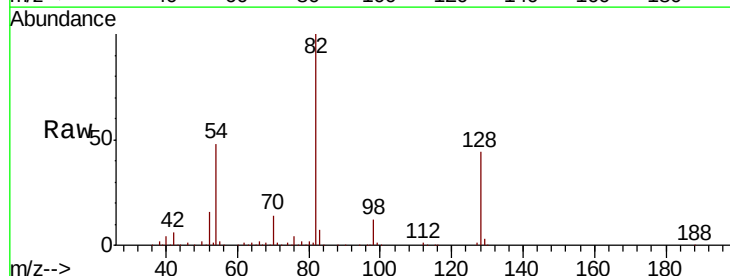
Instrument :
 BNA_F
 ClientSampled :
 FB-091218

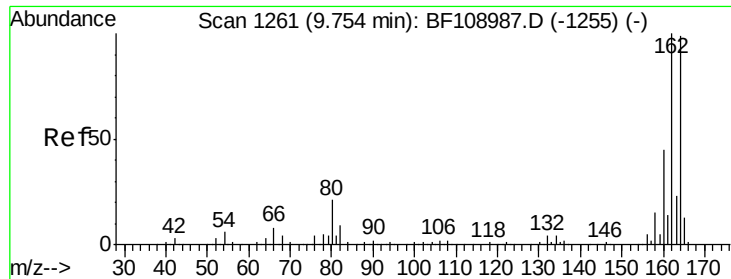
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	48.0	41.4	62.2



#25
 Isophorone
 Concen: 43.909 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.27 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Tgt 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# 1260

Delta R.T. -0.01 min

Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

Instrument :

BNA_F

ClientSampleId :

FB-091218

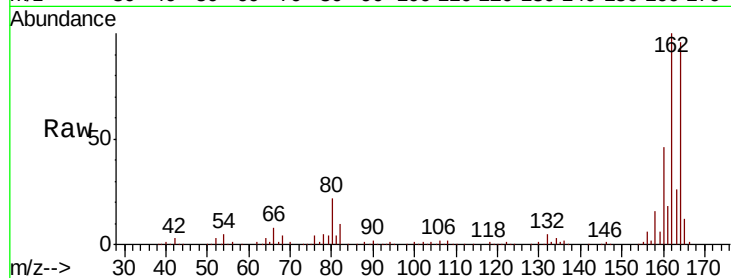
Tgt Ion:164 Resp: 265541

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

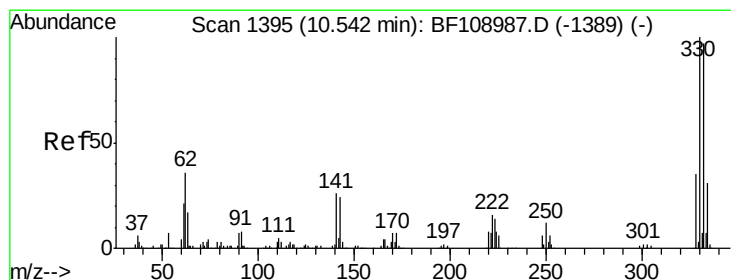
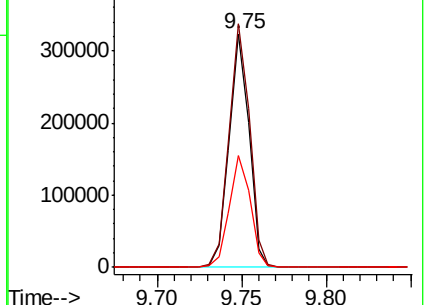
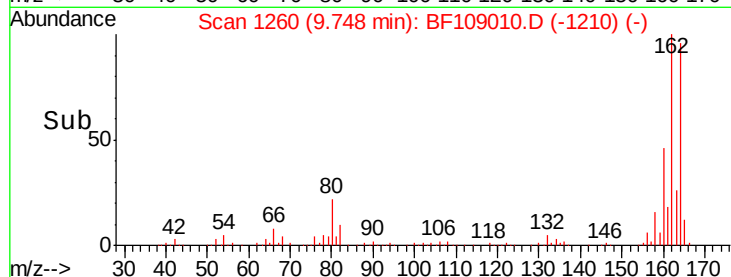
160 47.7 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 127.014 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

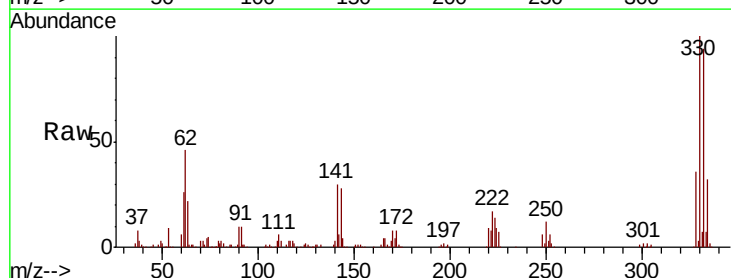
Tgt Ion:330 Resp: 366032

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

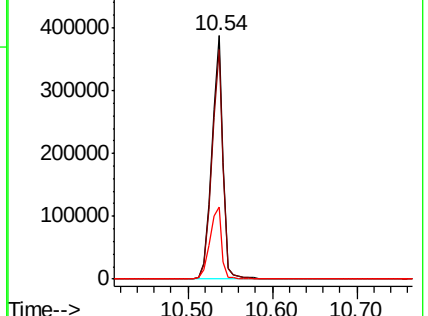
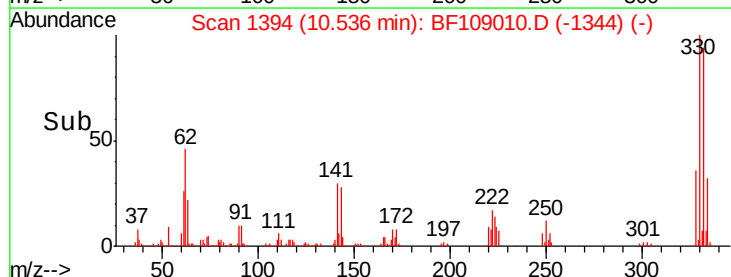
141 31.2 29.9 44.9

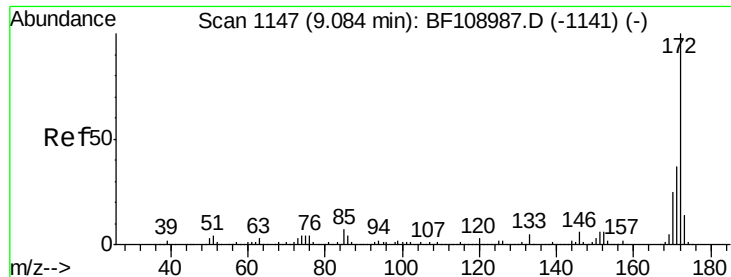


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



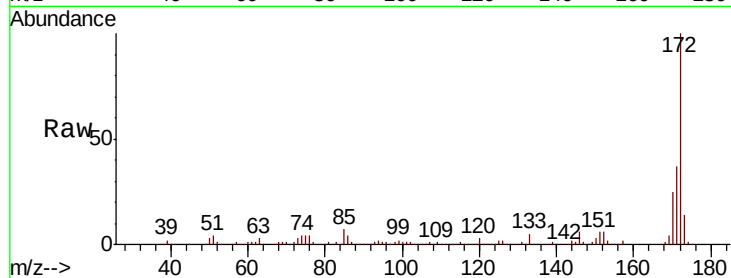


#44
 2-Fluorobiphenyl
 Concen: 85.976 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

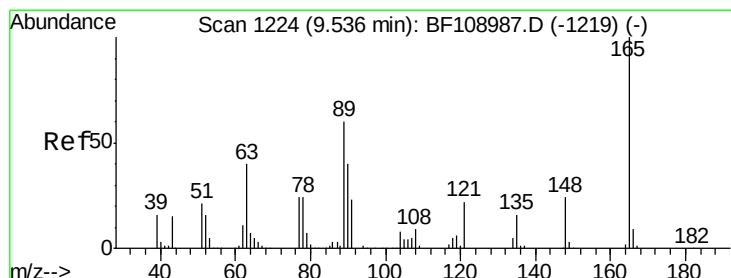
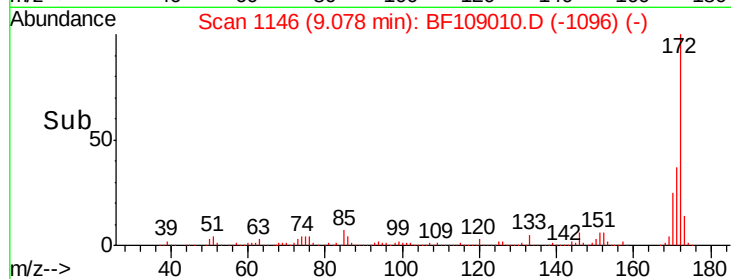
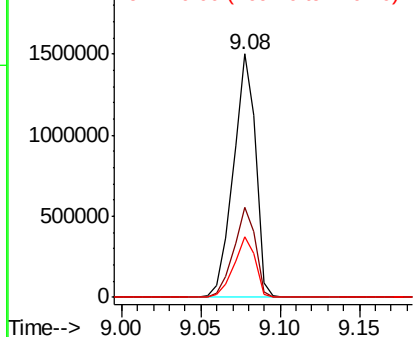
Instrument :
 BNA_F
 ClientSampleId :
 FB-091218

Tgt Ion:172 Resp: 1457189

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.1	19.6	29.4



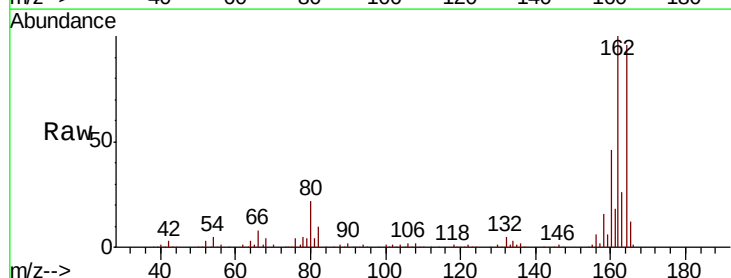
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



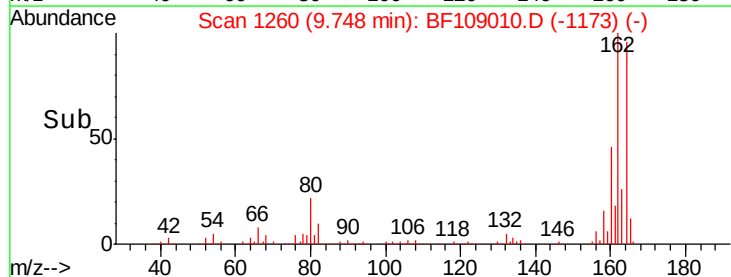
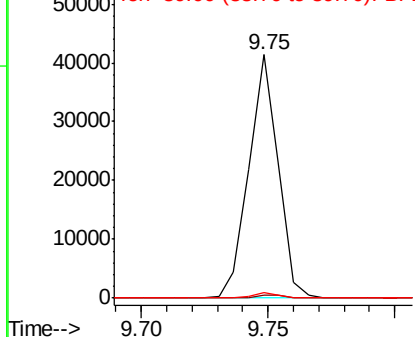
#50
 2,6-Dinitrotoluene
 Concen: 7.897 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

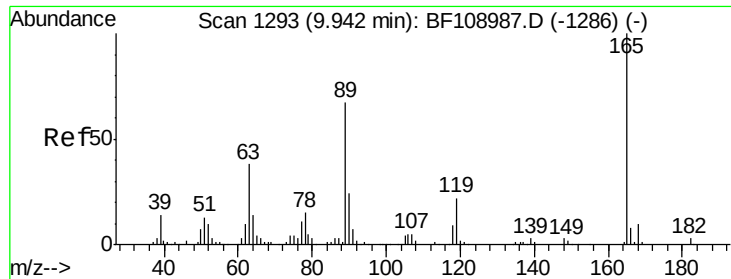
Tgt Ion:165 Resp: 33236

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	2.2	44.0	66.0#



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

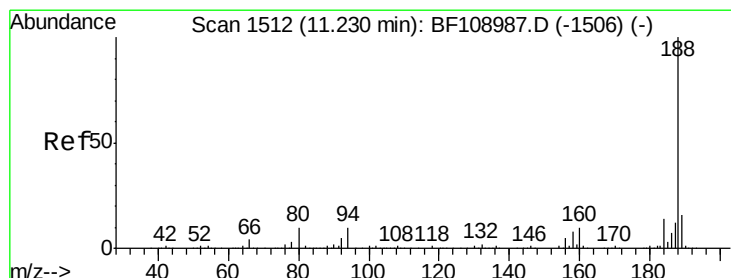
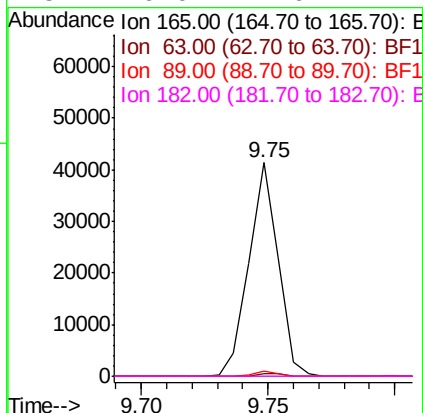
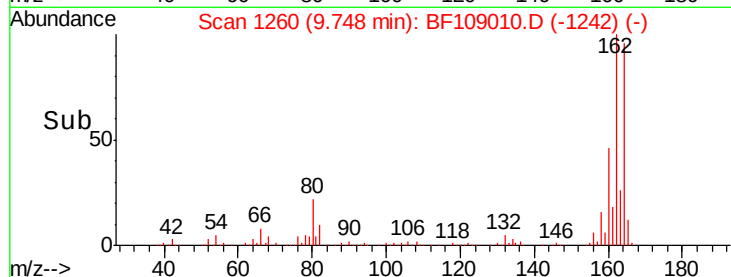
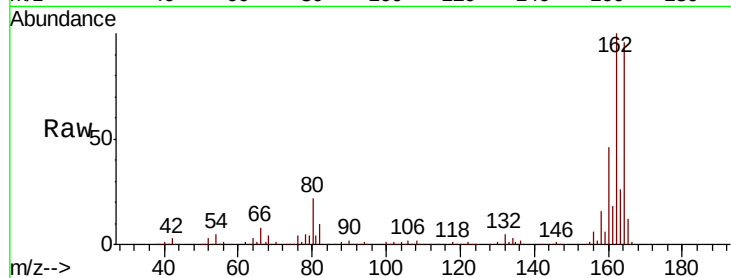




#56
 2,4-Dinitrotoluene
 Concen: 6.038 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

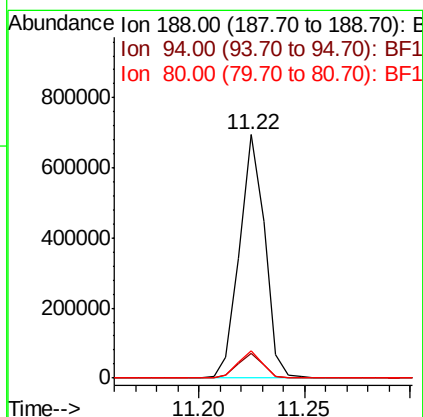
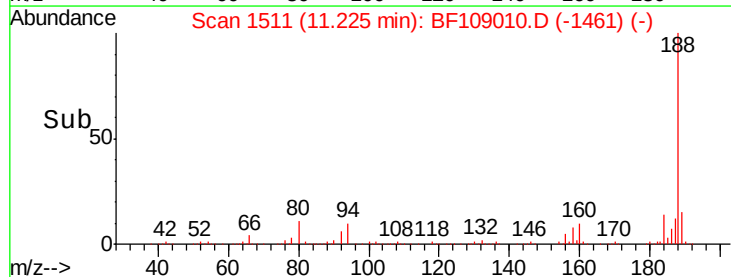
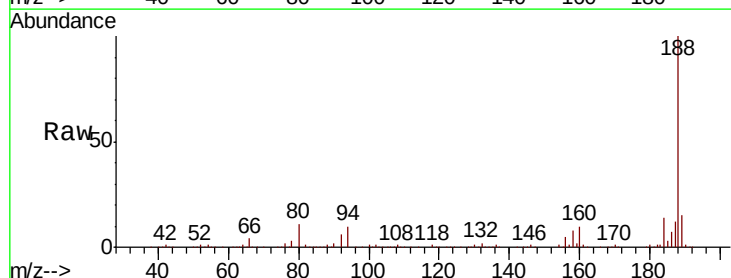
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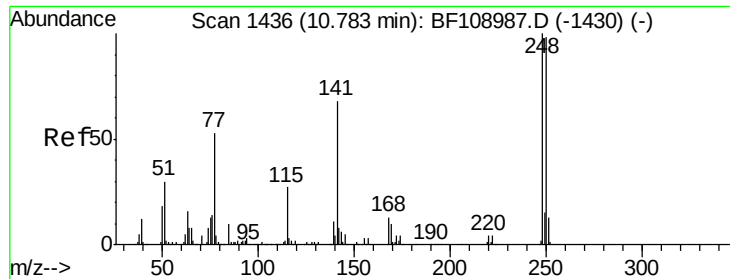
Tgt Ion:	165	Resp:	33236
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Tgt Ion:	188	Resp:	575321
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

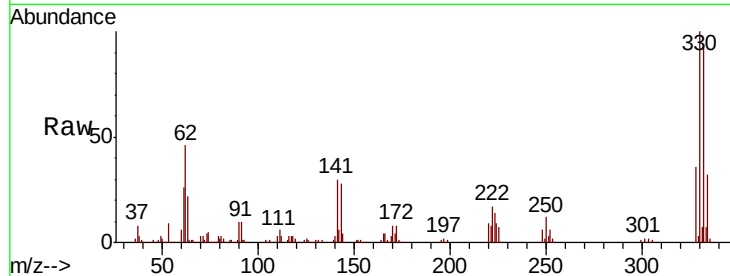




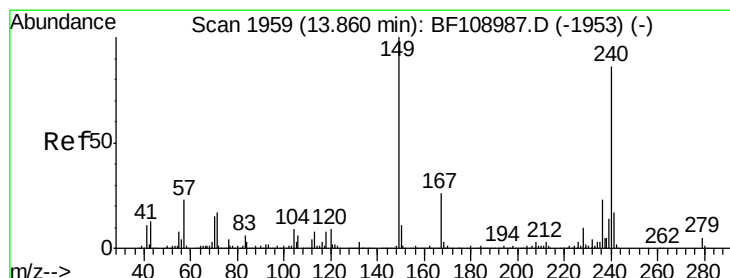
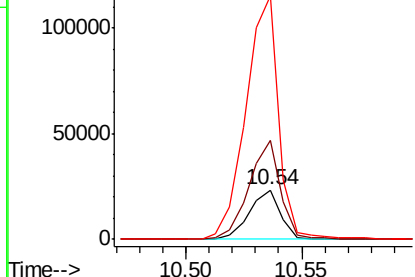
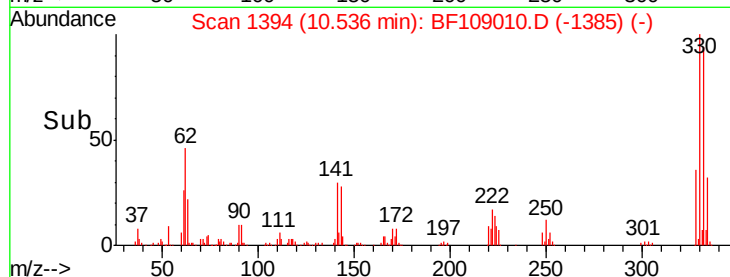
#66
 4-Bromophenyl-phenylether
 Concen: 3.417 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Instrument :
 BNA_F
 ClientSampleId :
 FB-091218

Tgt Ion:248 Resp: 22165
 Ion Ratio Lower Upper
 248 100
 250 201.8 76.9 115.3#
 141 493.6 74.4 111.6#

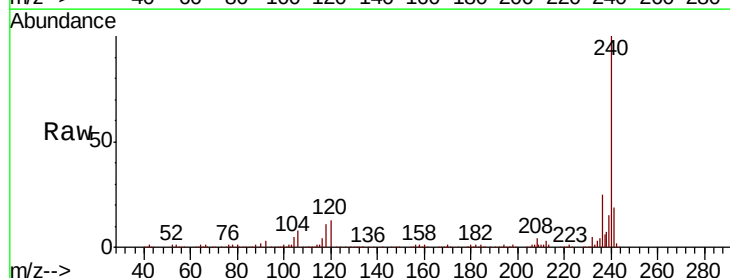


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

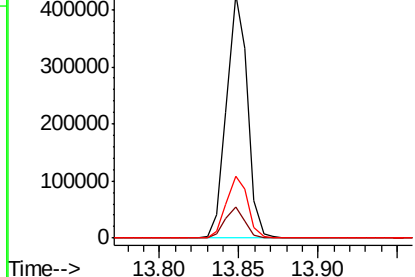
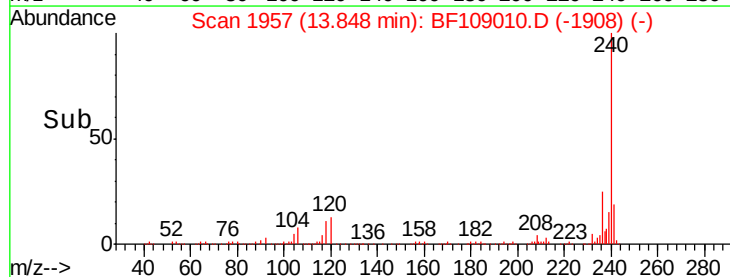


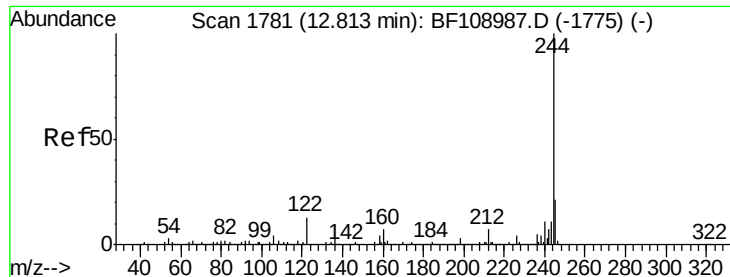
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Tgt Ion:240 Resp: 389819
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.5 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: 92.921 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

Instrument :

BNA_F

ClientSampleId :

FB-091218

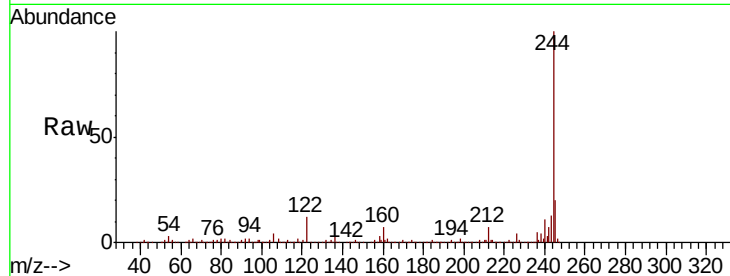
Tgt Ion:244 Resp: 1528196

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

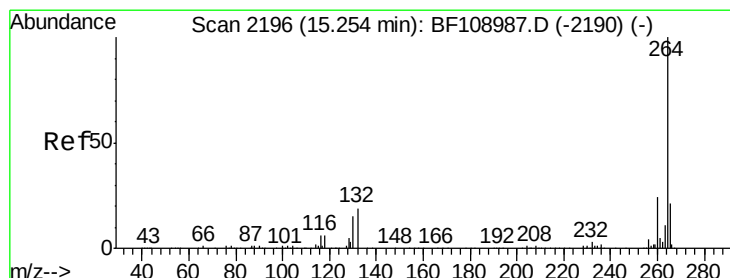
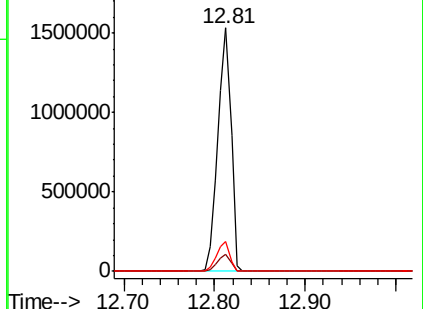
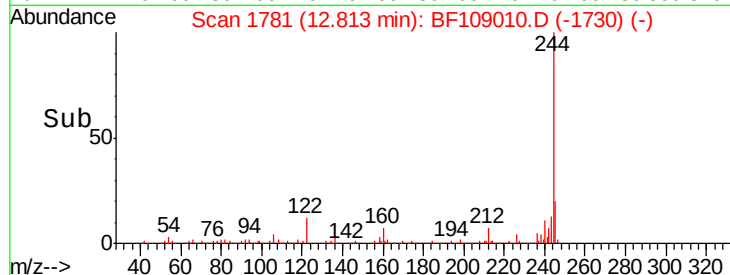
122 12.1 11.0 16.4



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: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

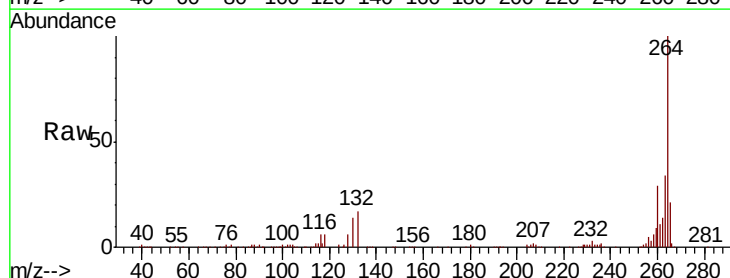
Tgt Ion:264 Resp: 203192

Ion Ratio Lower Upper

264 100

260 29.2 19.2 28.8#

265 21.3 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

