

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
 Data File : BF111797.D
 Acq On : 28 Dec 2018 19:07
 Operator : JU/SJ
 Sample : J6591-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB03_122718

Quant Time: Dec 29 01:11:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

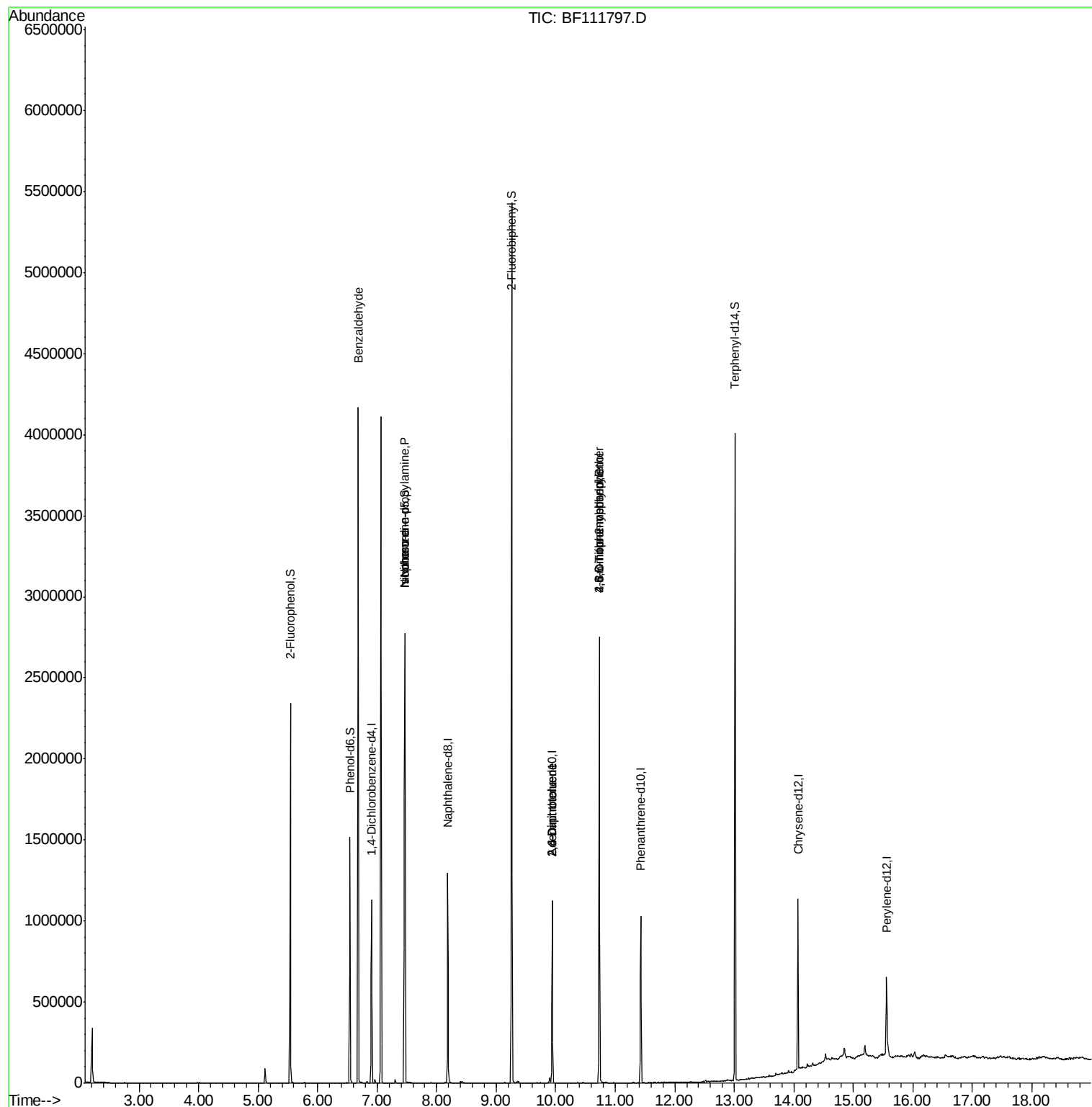
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150202	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	523057	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	225854	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	355063	20.00	ng	0.01
76) Chrysene-d12	14.07	240	332513	20.00	ng	0.02
87) Perylene-d12	15.56	264	242757	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	552338	62.68	ng	0.02
7) Phenol-d6	6.54	99	437422	39.01	ng	0.02
23) Nitrobenzene-d5	7.46	82	959219	106.75	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	335379	125.67	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1679465	108.39	ng	0.00
79) Terphenyl-d14	13.02	244	1474747	84.11	ng	0.02
Target Compounds						
9) Benzaldehyde	6.68	77	25634	3.324	ng	# 73
19) n-Nitroso-di-n-propylamine	7.46	70	133484	17.923	ng	# 78
25) Isophorone	7.46	82	955785	59.913	ng	# 64
51) 2,6-Dinitrotoluene	9.94	165	29147	8.850	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	29147	7.364	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.73	198	623	7.058	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	20973	4.762	ng	# 1

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

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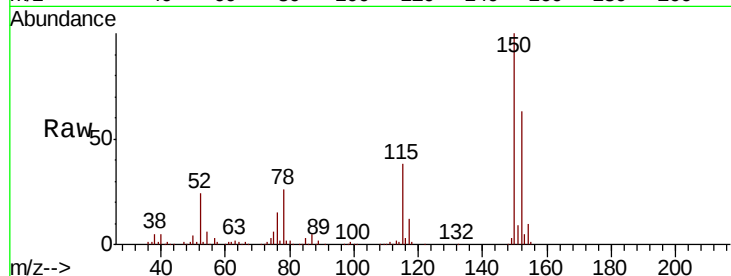


#1

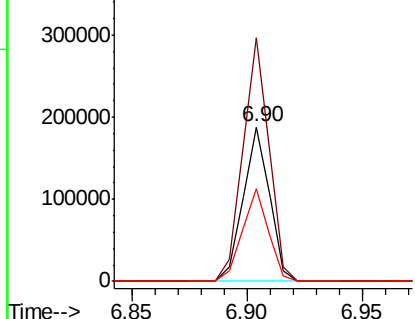
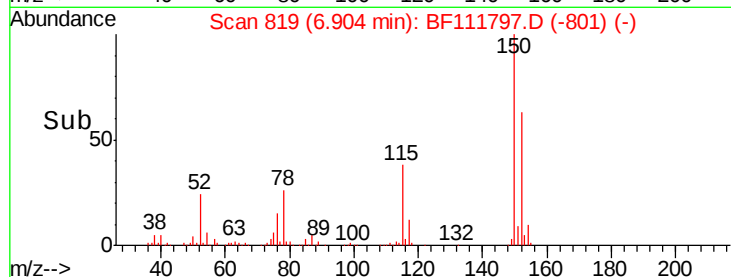
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
FB03_122718

Tgt Ion:152 Resp: 150202
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 60.1 50.7 76.1



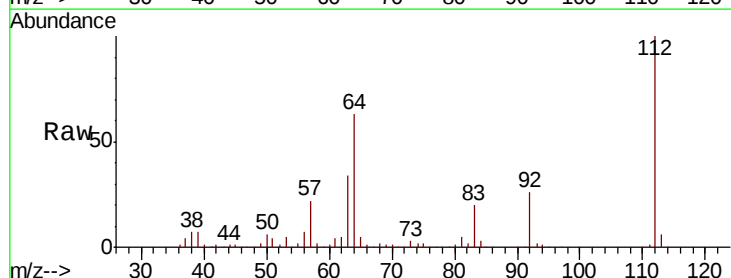
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



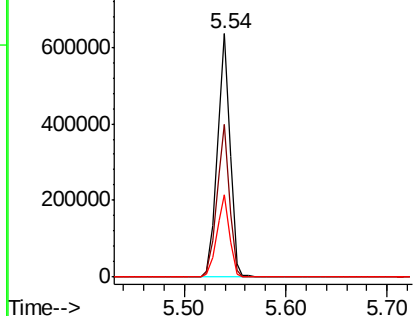
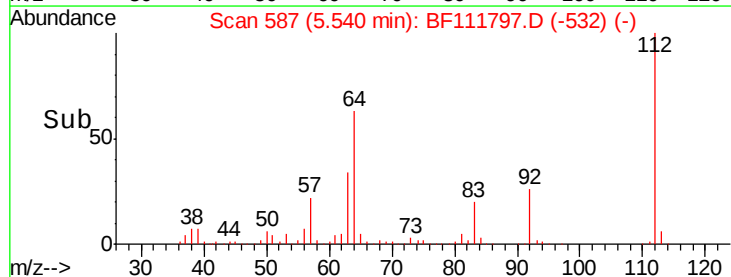
#5

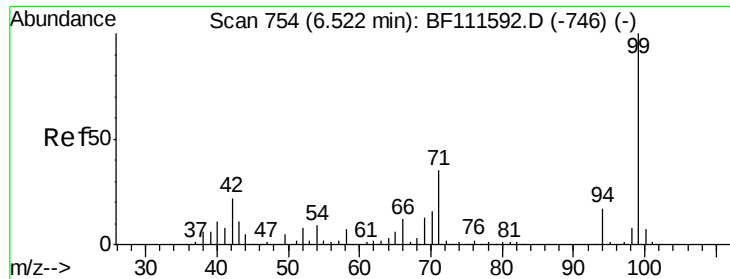
2-Fluorophenol
Concen: 62.681 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Tgt Ion:112 Resp: 552338
Ion Ratio Lower Upper
112 100
64 62.6 51.8 77.6
63 33.7 26.8 40.2



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: 39.005 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

Instrument :

BNA_F

ClientSampleId :

FB03_122718

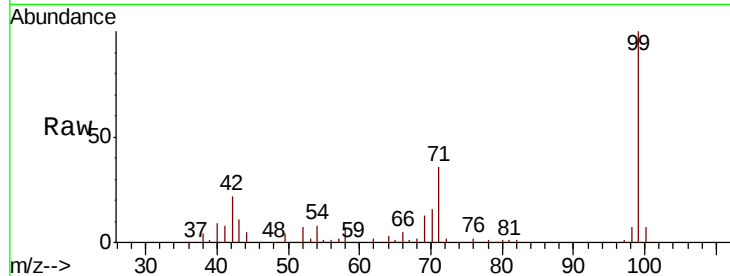
Tgt Ion: 99 Resp: 437422

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

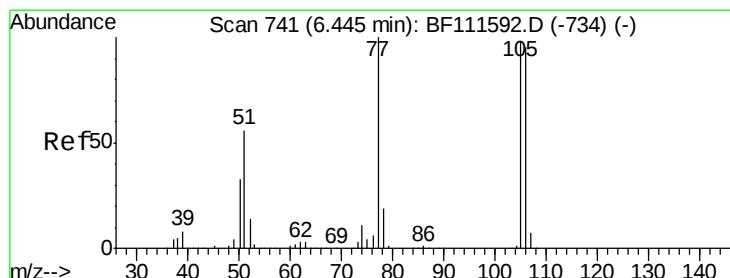
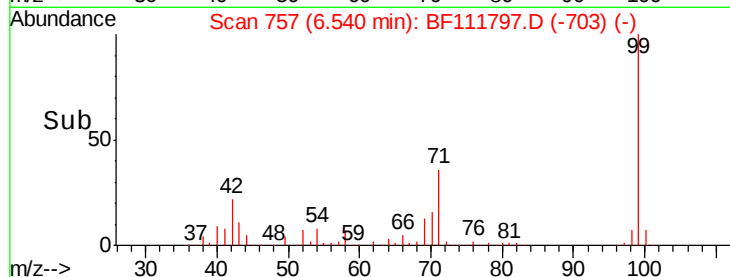
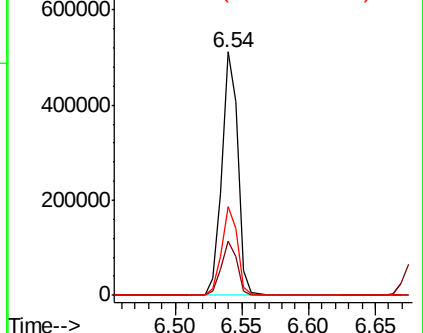
71 36.4 26.1 39.1



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: 3.324 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.24 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

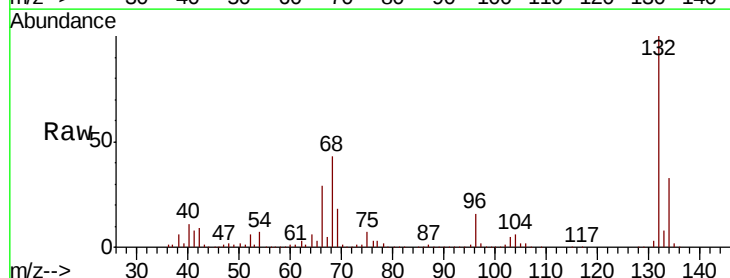
Tgt Ion: 77 Resp: 25634

Ion Ratio Lower Upper

77 100

105 76.9 81.4 121.4#

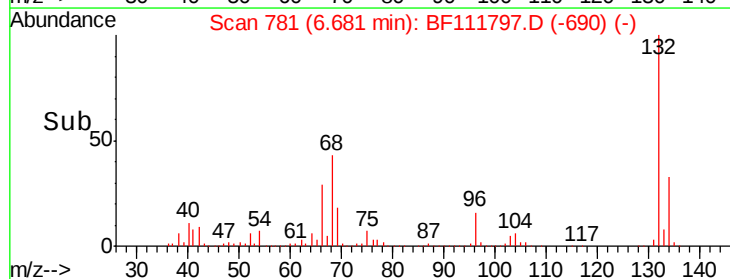
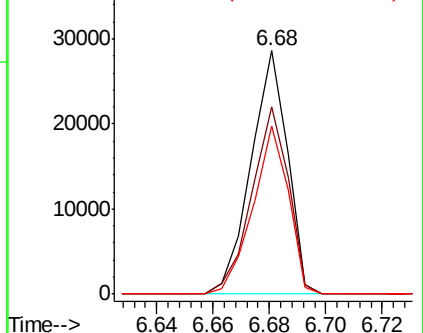
106 69.1 77.9 117.9#



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

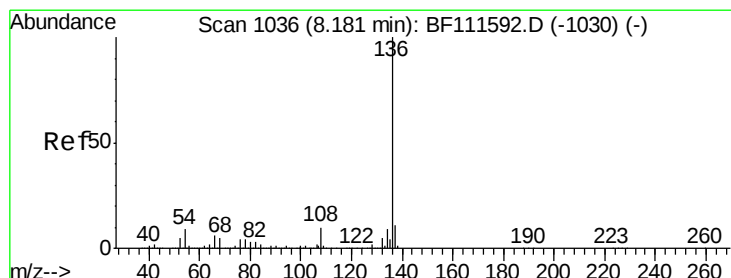
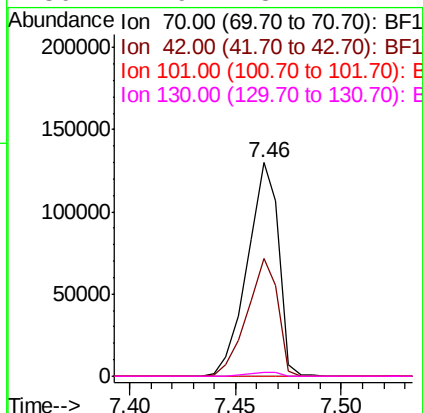
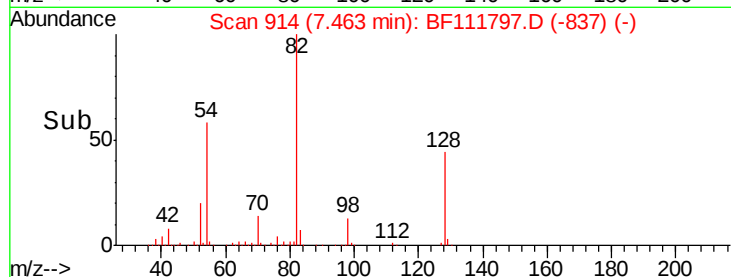
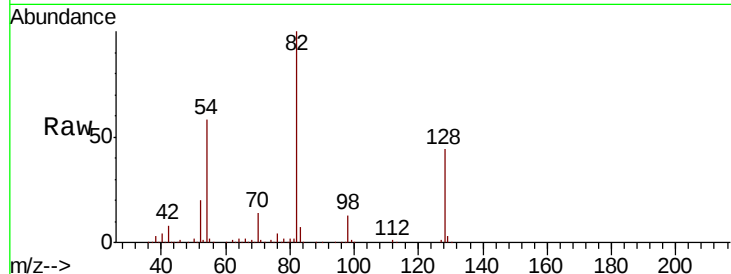




#19
n-Nitroso-di-n-propylamine
Concen: 17.923 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

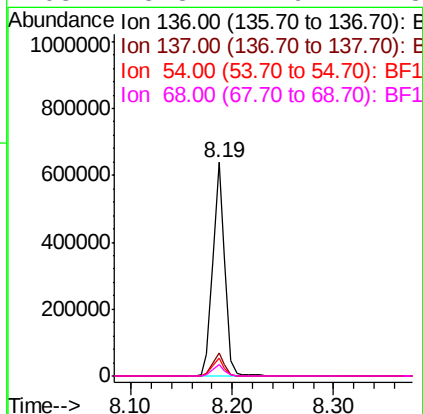
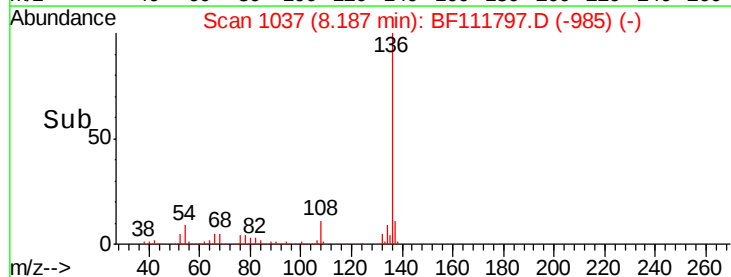
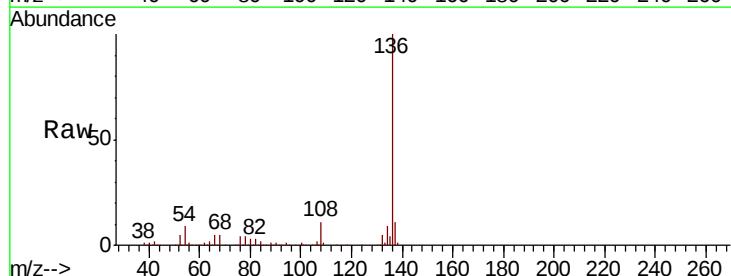
Instrument :
BNA_F
ClientSampleId :
FB03_122718

Tgt Ion: 70 Resp: 133484
Ion Ratio Lower Upper
70 100
42 55.1 53.2 79.8
101 0.0 8.2 12.4#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Tgt Ion: 136 Resp: 523057
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 7.7 11.5
68 5.3 4.9 7.3

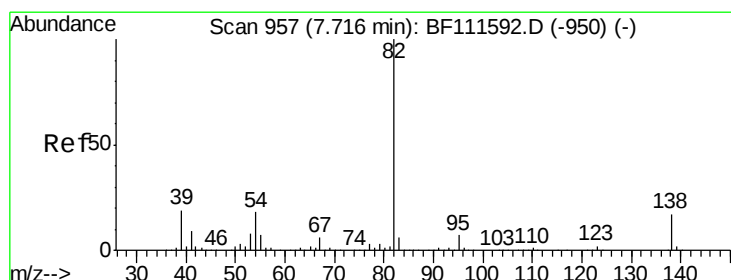
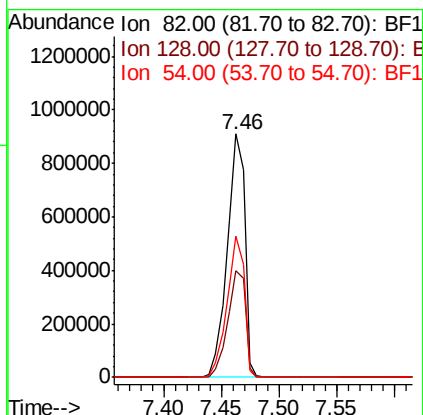
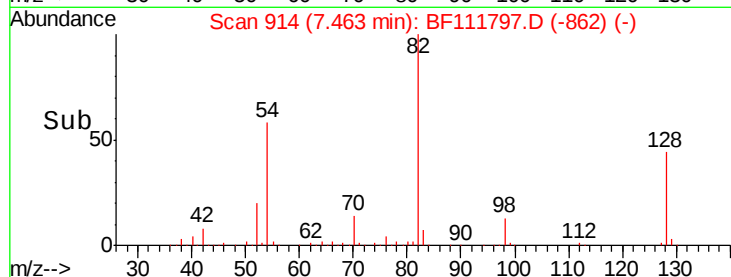
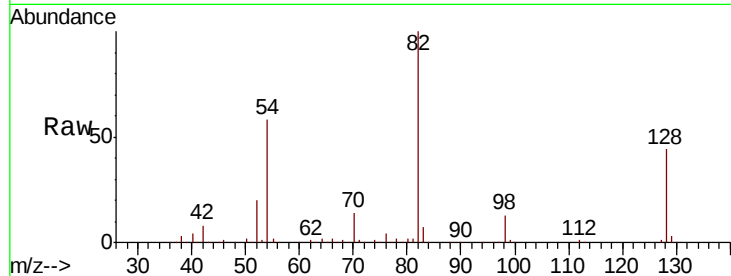




#23
 Nitrobenzene-d5
 Concen: 106.745 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

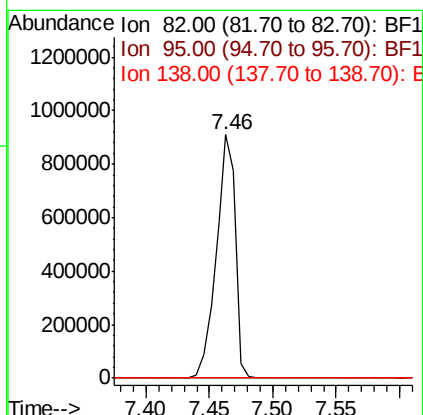
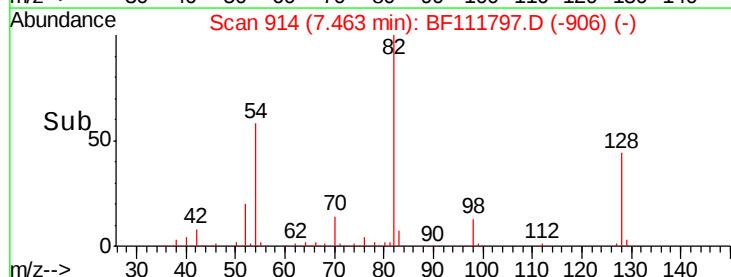
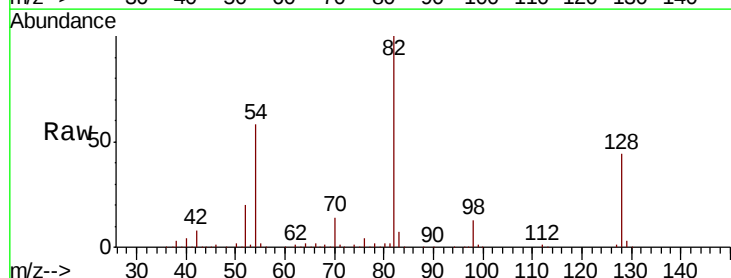
Instrument :
 BNA_F
 ClientSampleId :
 FB03_122718

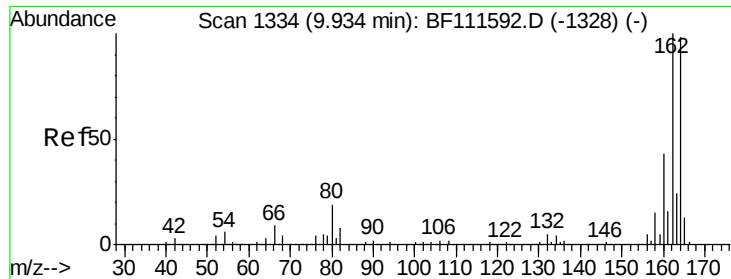
Tgt Ion: 82 Resp: 959219
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.4 56.2
 54 58.0 47.6 71.4



#25
 Isophorone
 Concen: 59.913 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.25 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

Tgt Ion: 82 Resp: 955785
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

Instrument :

BNA_F

ClientSampleId :

FB03_122718

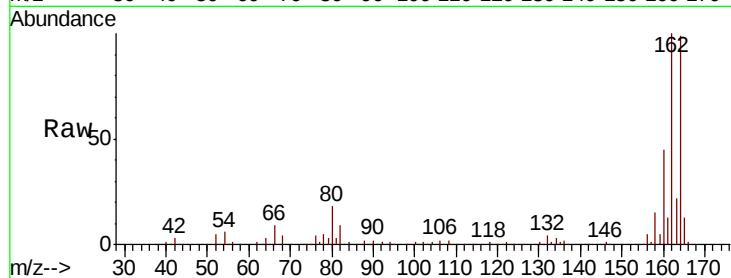
Tgt Ion:164 Resp: 225854

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

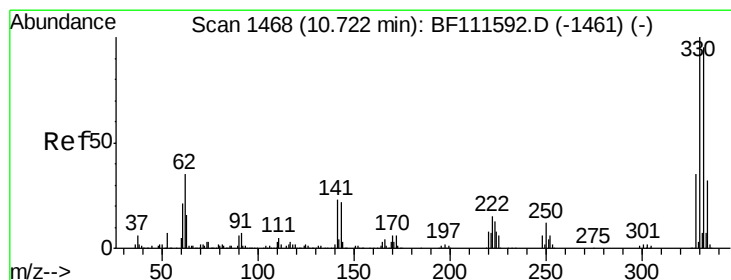
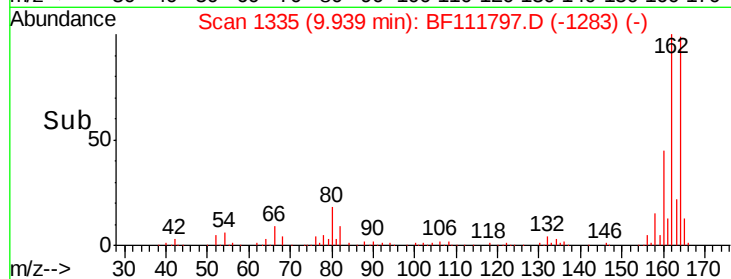
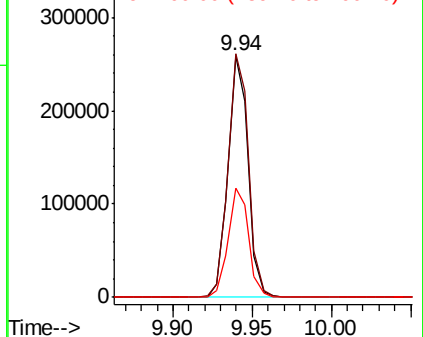
160 45.4 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 125.674 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111797.D

Acq: 28 Dec 2018 19:07

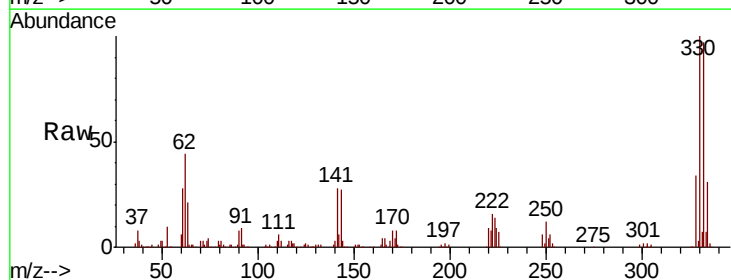
Tgt Ion:330 Resp: 335379

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

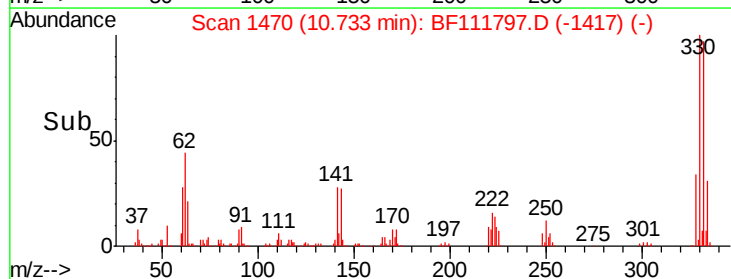
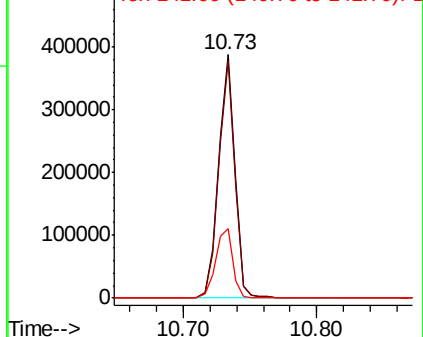
141 30.2 31.0 46.6#

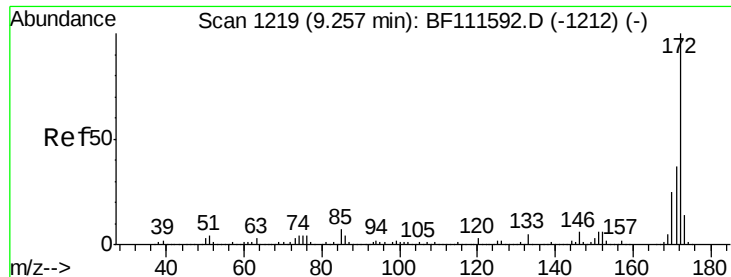


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

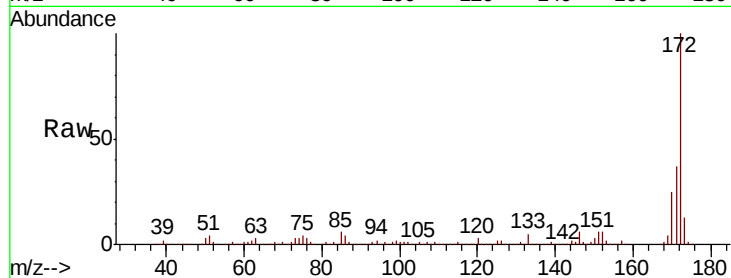




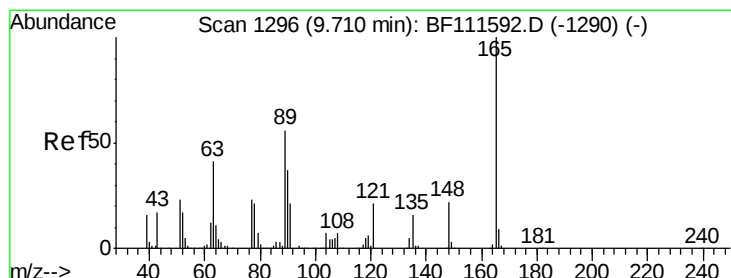
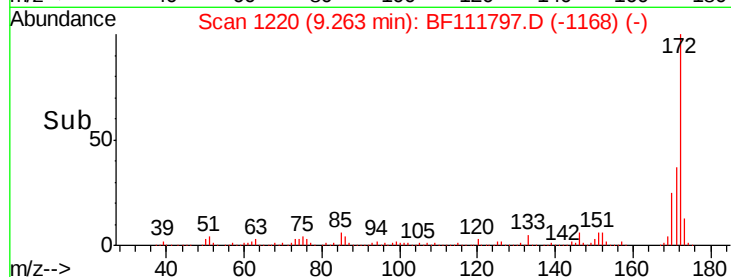
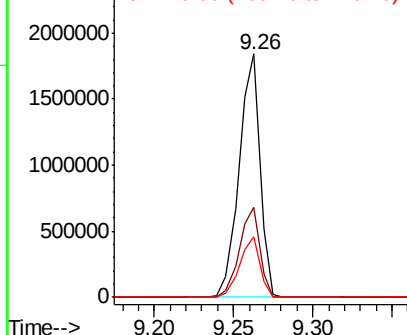
#45
2-Fluorobiphenyl
Concen: 108.386 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
FB03_122718

Tgt Ion:172 Resp: 1679465
Ion Ratio Lower Upper
172 100
171 37.0 33.0 49.4
170 24.7 22.3 33.5

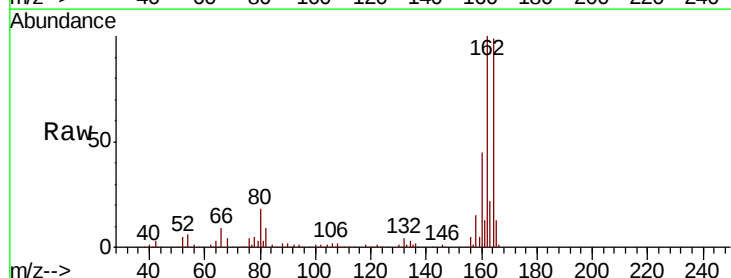


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

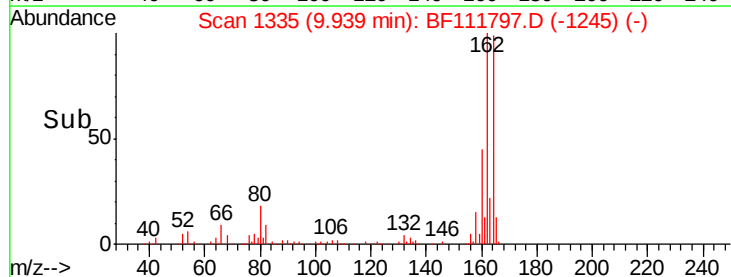
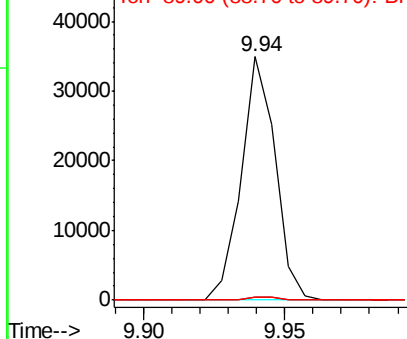


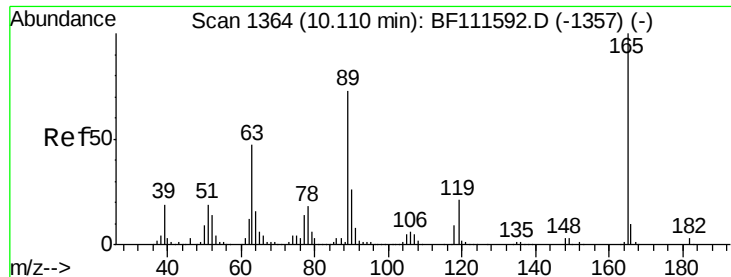
#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Tgt Ion:165 Resp: 29147
Ion Ratio Lower Upper
165 100
63 1.5 40.5 60.7#
89 1.2 40.0 60.0#



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

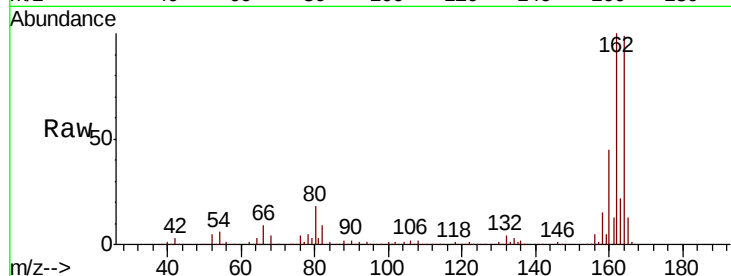




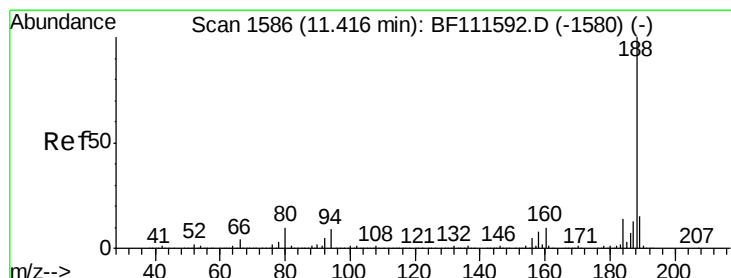
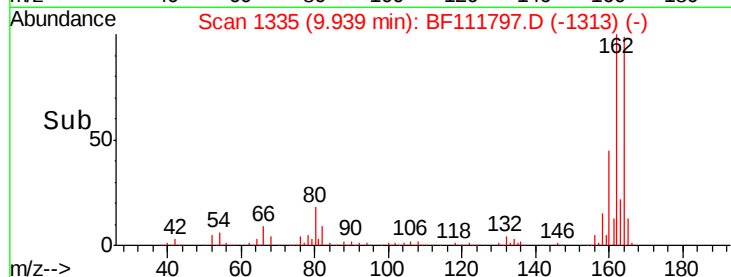
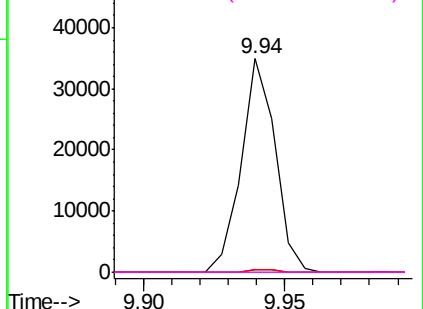
#57
 2,4-Dinitrotoluene
 Concen: 7.364 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 FB03_122718

Tgt Ion:	165	Resp:	29147
Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#

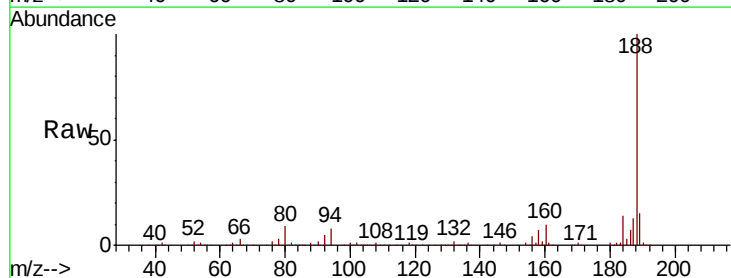


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

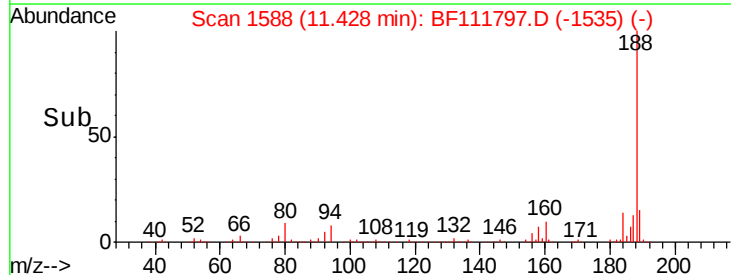
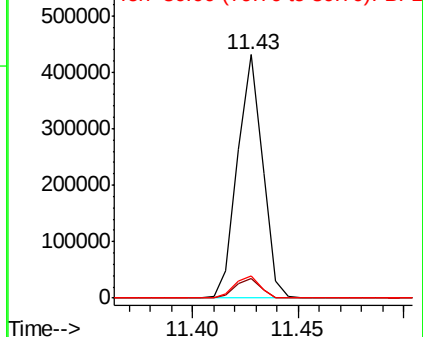


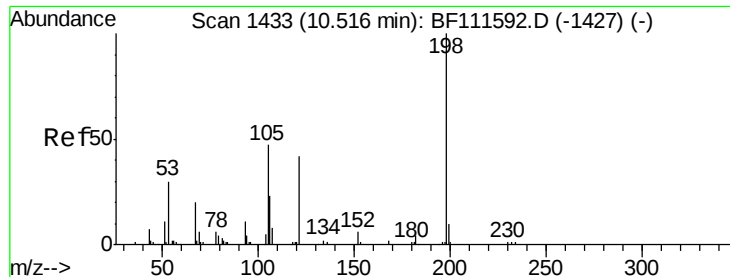
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

Tgt Ion:	188	Resp:	355063
Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	9.1	9.8	14.6#



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

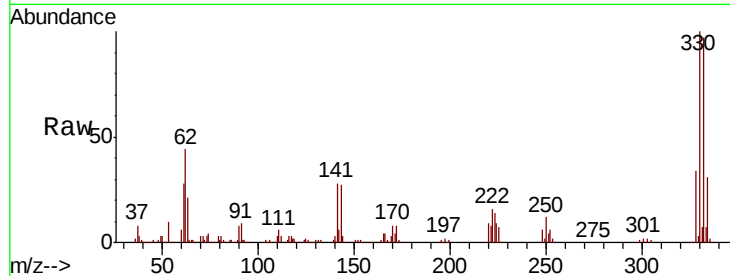




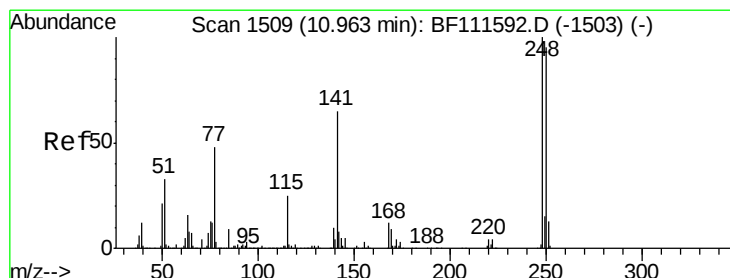
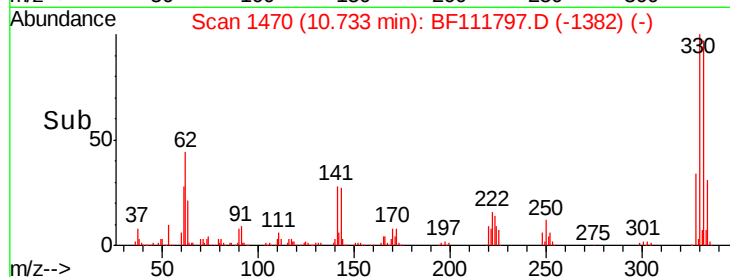
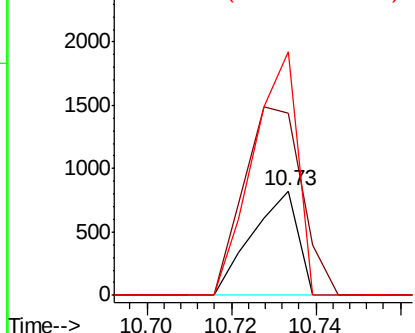
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.058 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.22 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 FB03_122718

Tgt Ion:198 Resp: 623
 Ion Ratio Lower Upper
 198 100
 51 175.3 48.0 88.0#
 105 233.8 34.0 74.0#

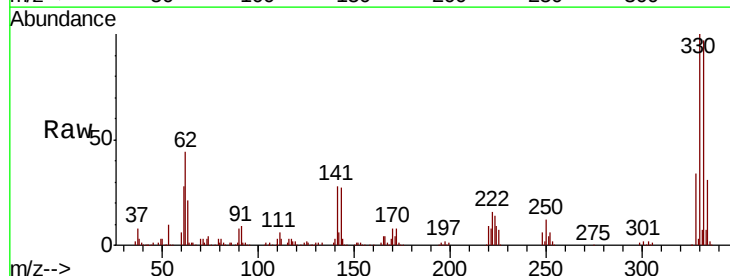


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

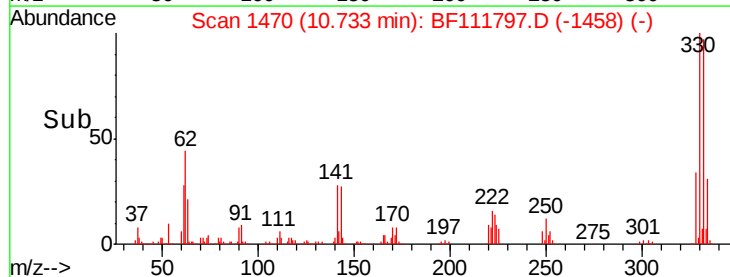
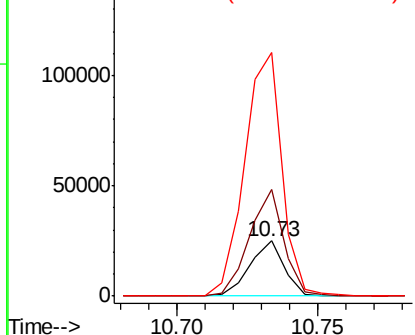


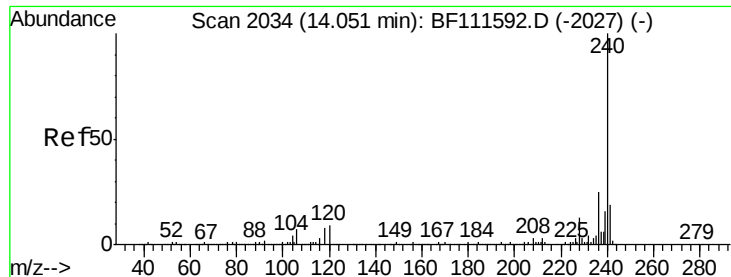
#67
 4-Bromophenyl-phenylether
 Concen: 4.762 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.23 min
 Lab File: BF111797.D
 Acq: 28 Dec 2018 19:07

Tgt Ion:248 Resp: 20973
 Ion Ratio Lower Upper
 248 100
 250 192.7 77.0 115.4#
 141 440.8 63.0 94.6#



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

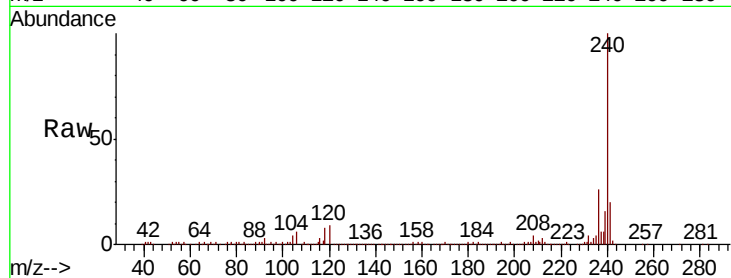




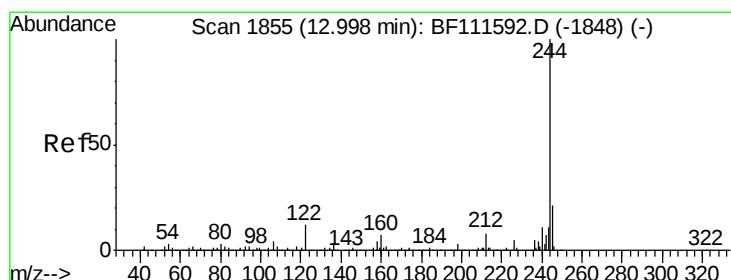
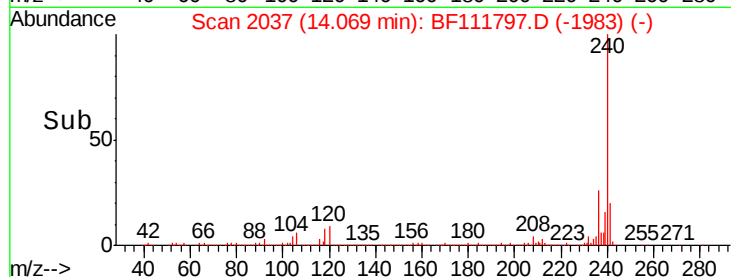
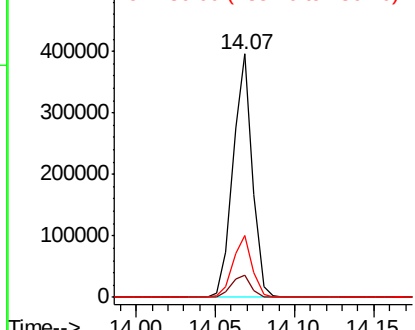
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
FB03_122718

Tgt Ion:240 Resp: 332513
Ion Ratio Lower Upper
240 100
120 9.2 12.2 18.2#
236 25.6 20.2 30.2

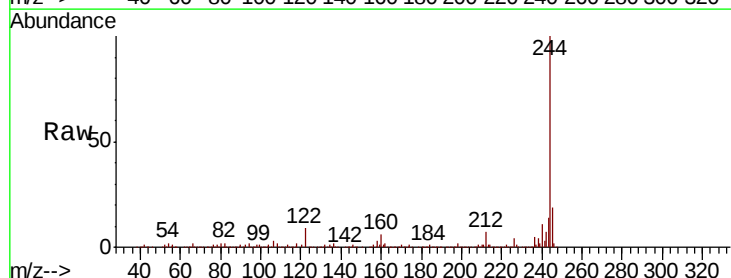


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

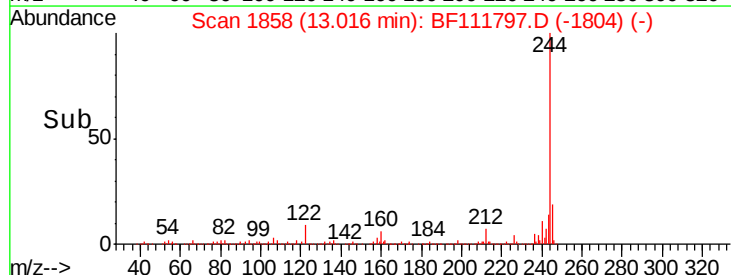
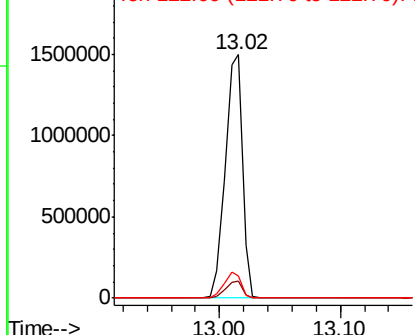


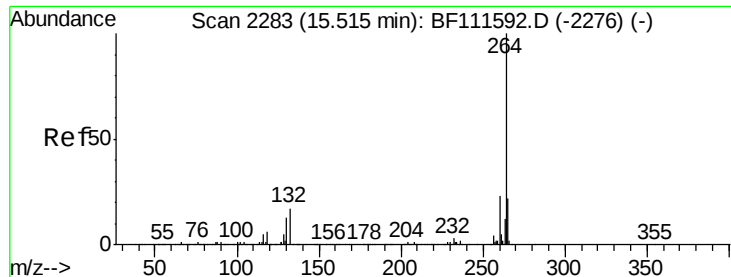
#79
Terphenyl-d14
Concen: 84.109 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Tgt Ion:244 Resp: 1474747
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.9 13.1 19.7#



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: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111797.D
Acq: 28 Dec 2018 19:07

Instrument :
BNA_F
ClientSampleId :
FB03_122718

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.9	17.7	26.5

