

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111835.D
 Acq On : 3 Jan 2019 21:43
 Operator : JU/SJ
 Sample : K1019-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:34:48 2019
 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

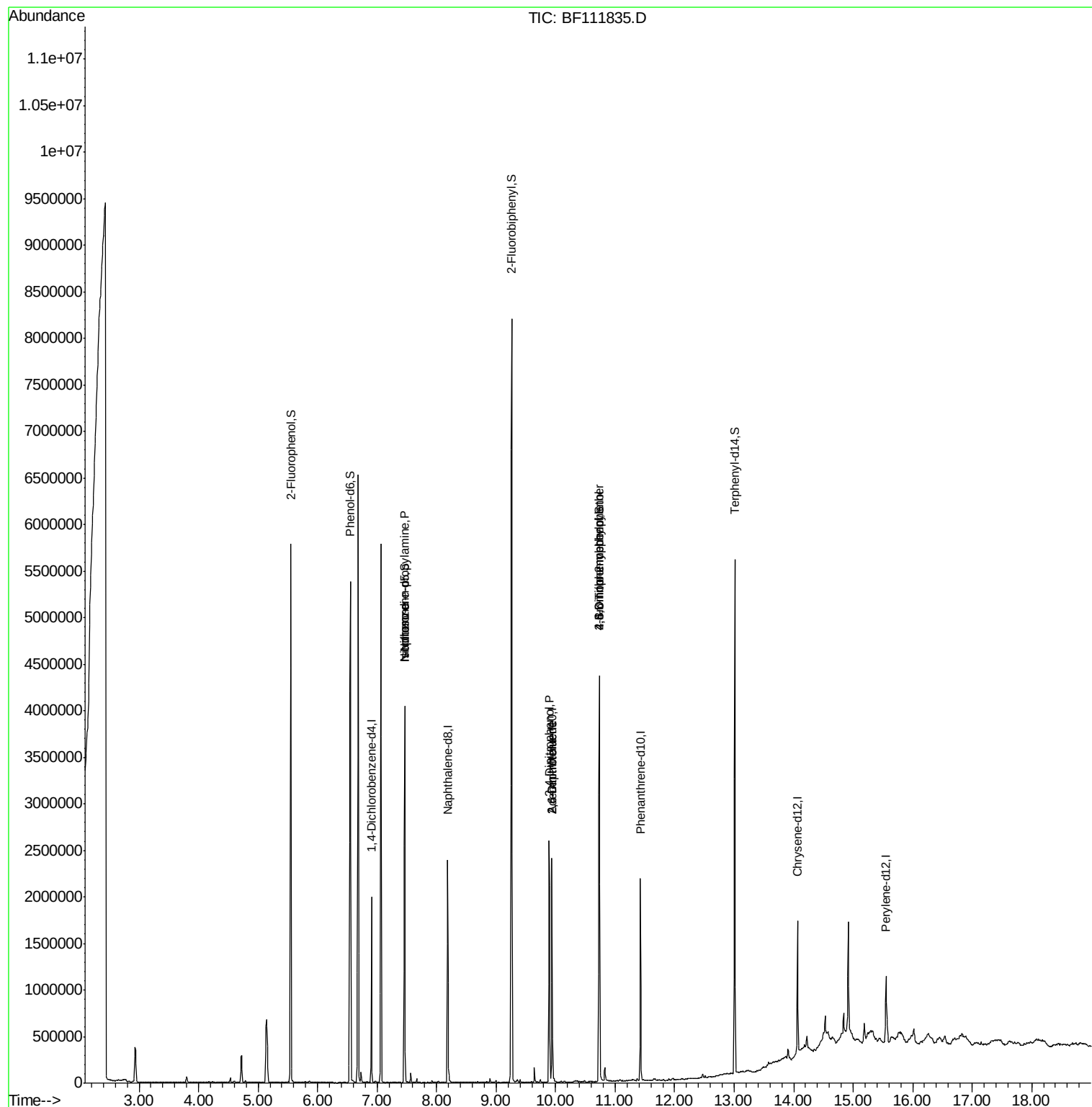
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	259680	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	963459	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	468104	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	737924	20.00	ng	0.01
76) Chrysene-d12	14.07	240	514765	20.00	ng	0.02
87) Perylene-d12	15.55	264	369254	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1617845	106.19	ng	0.04
7) Phenol-d6	6.55	99	1939047	100.01	ng	0.03
23) Nitrobenzene-d5	7.46	82	1444241	87.25	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	568109	102.71	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2571692	80.08	ng	0.00
79) Terphenyl-d14	13.01	244	2114048	77.88	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	201576	15.655	ng	# 76
25) Isophorone	7.46	82	1441427	49.054	ng	# 64
51) 2,6-Dinitrotoluene	9.94	165	61345	8.987	ng	# 29
54) 2,4-Dinitrophenol	9.90	184	2223	8.229	ng	# 20
57) 2,4-Dinitrotoluene	9.94	165	61458	7.492	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.73	198	1090	7.000	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	33461	3.656	ng	# 1

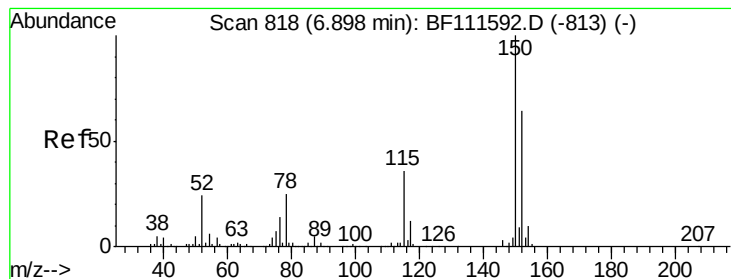
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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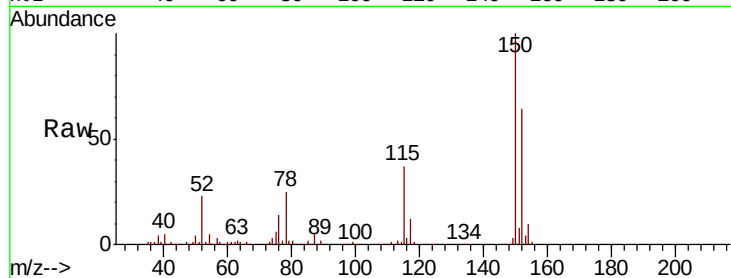


#1

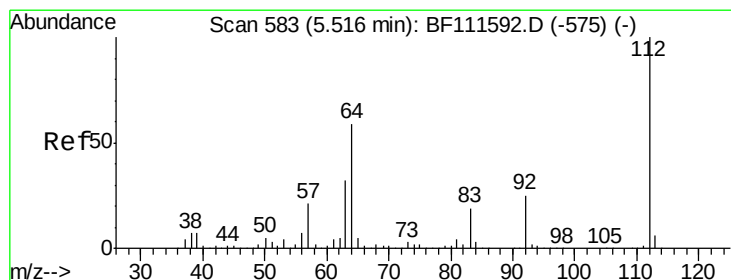
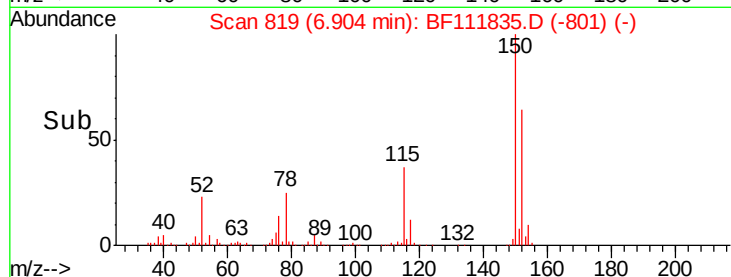
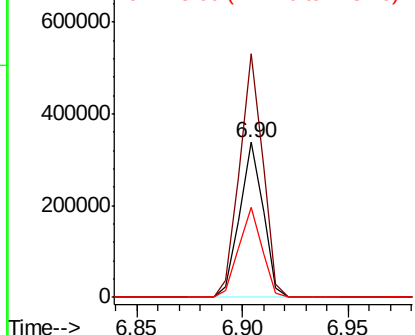
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111835.D
Acq: 3 Jan 2019 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 259680
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 58.1 50.7 76.1



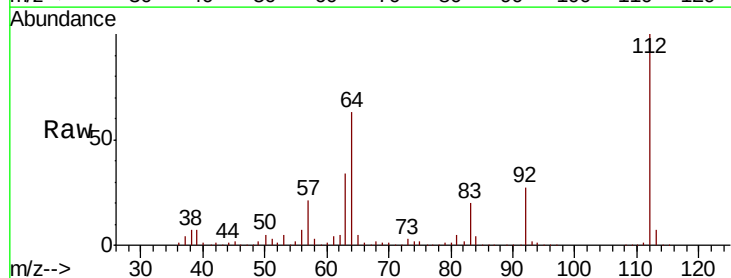
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



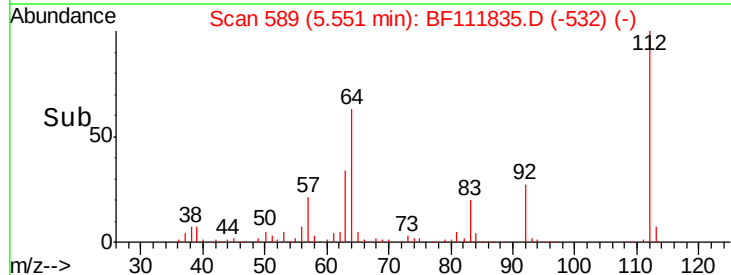
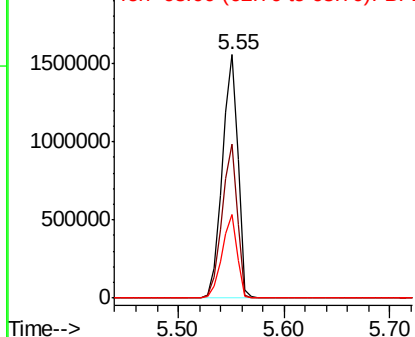
#5

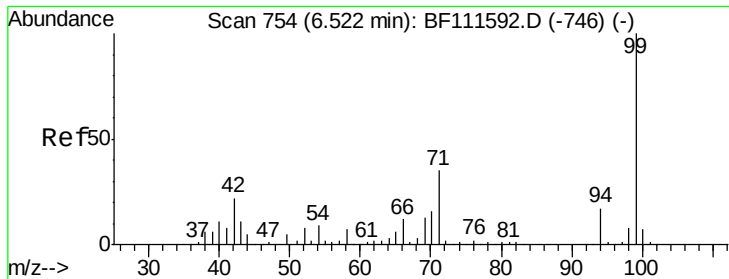
2-Fluorophenol
Concen: 106.195 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111835.D
Acq: 3 Jan 2019 21:43

Tgt Ion:112 Resp: 1617845
Ion Ratio Lower Upper
112 100
64 63.3 51.8 77.6
63 34.3 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: 100.011 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

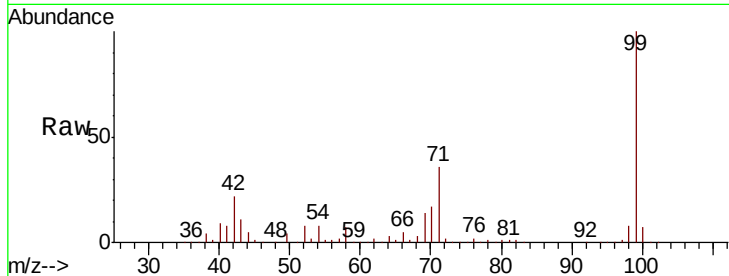
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1939047

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	36.3	26.1	39.1

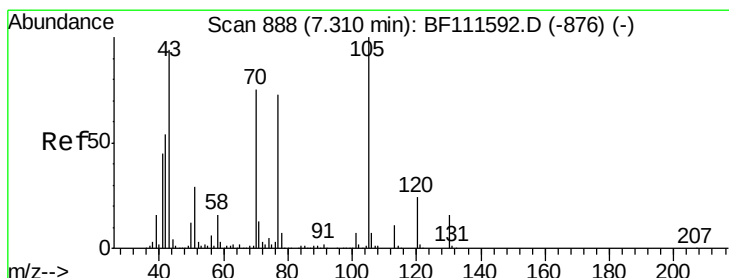
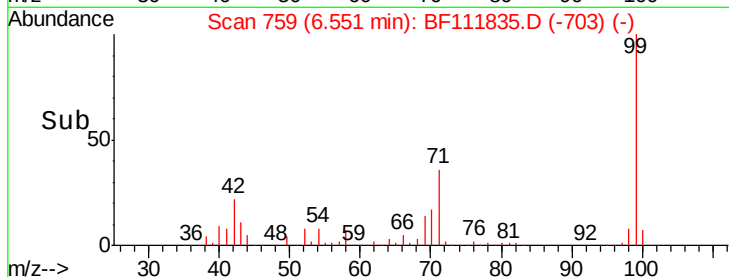
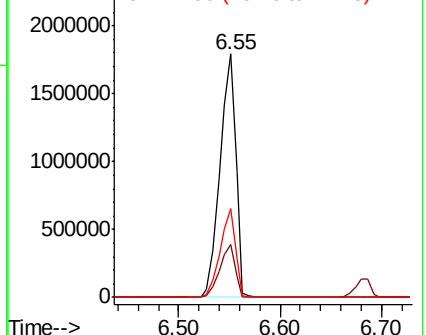


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.655 ng

RT: 7.46 min Scan# 914

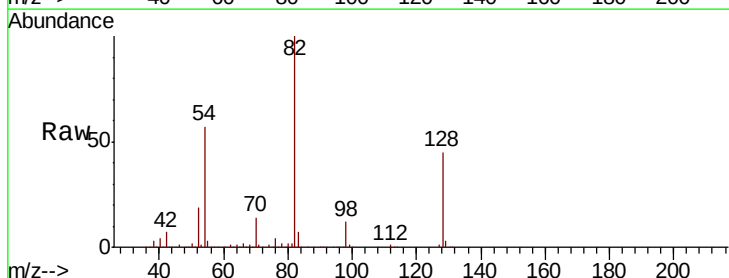
Delta R.T. 0.15 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

Tgt Ion: 70 Resp: 201576

Ion	Ratio	Lower	Upper
70	100		
42	53.0	53.2	79.8#
101	0.0	8.2	12.4#
130	1.9	18.1	27.1#



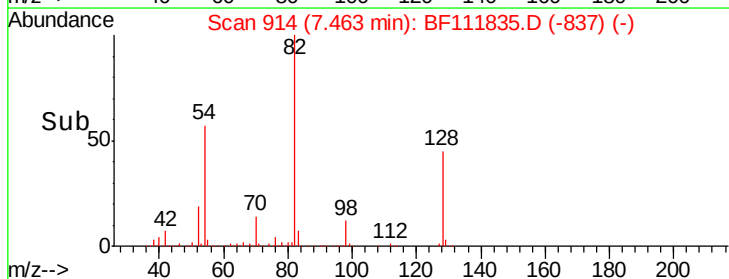
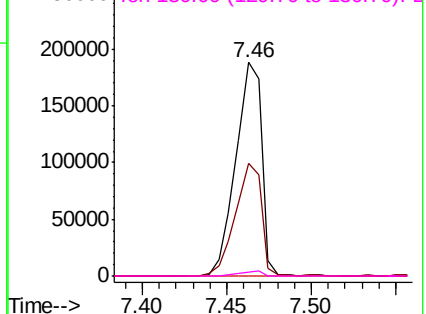
Abundance

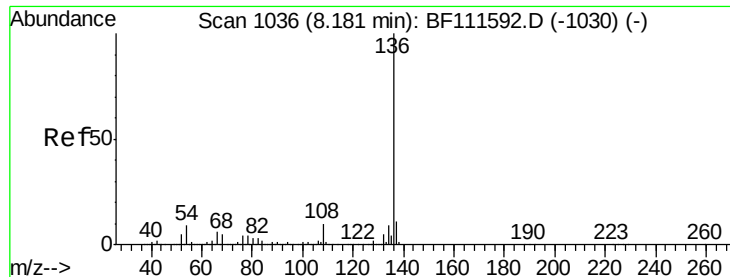
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 963459

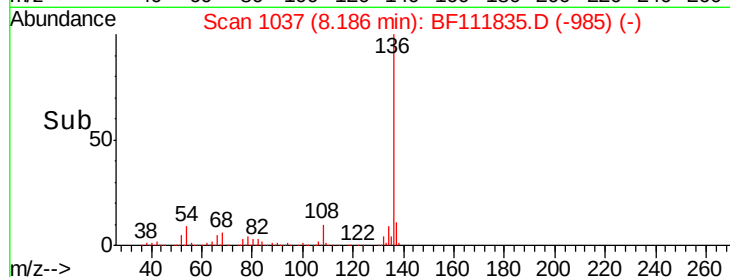
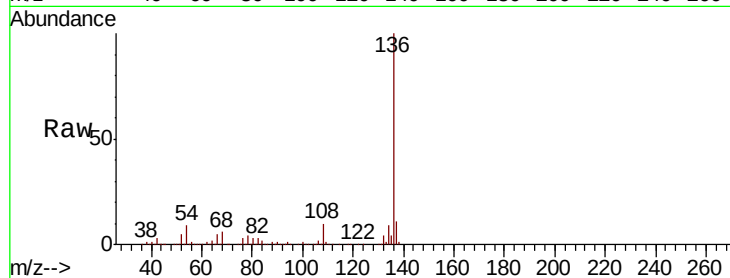
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.9 7.7 11.5

68 5.8 4.9 7.3

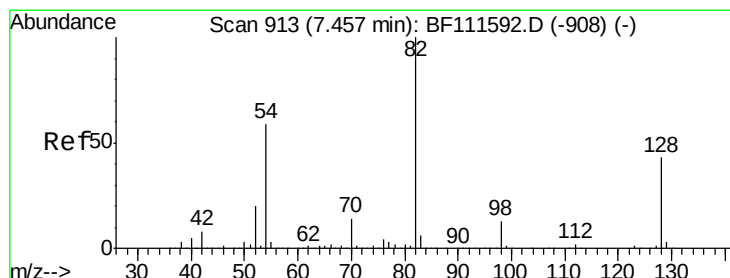
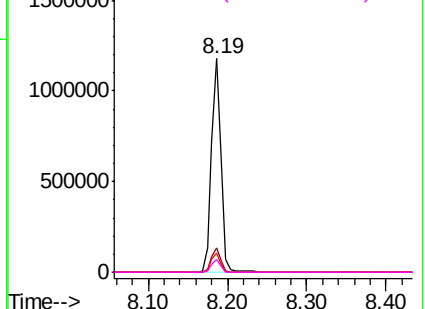


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.254 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

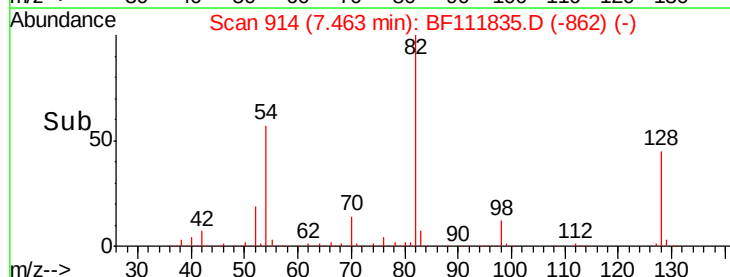
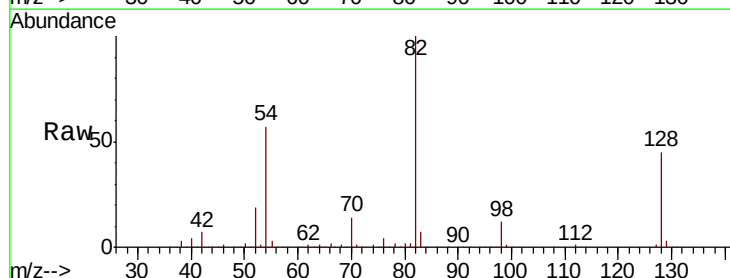
Tgt Ion: 82 Resp: 1444241

Ion Ratio Lower Upper

82 100

128 44.7 37.4 56.2

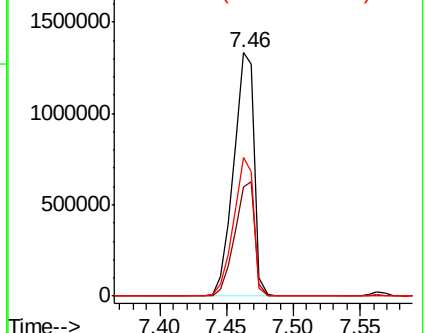
54 57.2 47.6 71.4

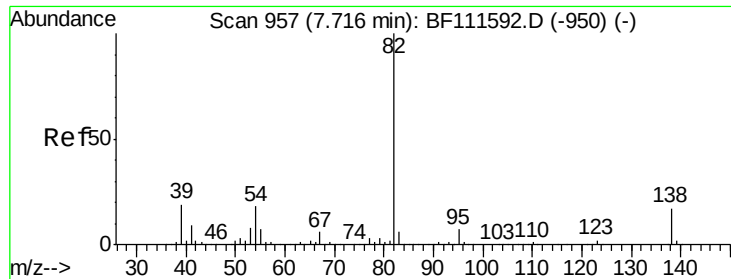


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.054 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

Instrument :

BNA_F

ClientSampleId :

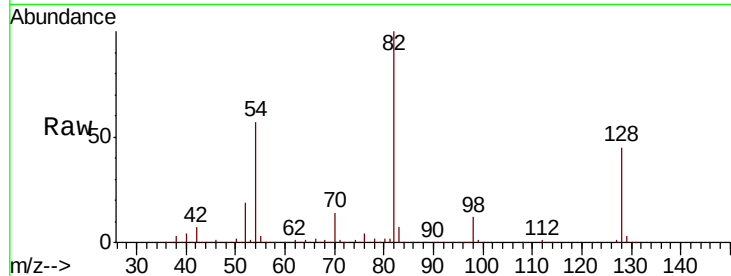
Tot Ion: 82 Resp: 1441427

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

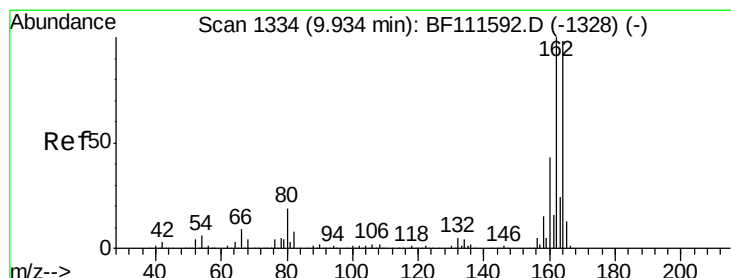
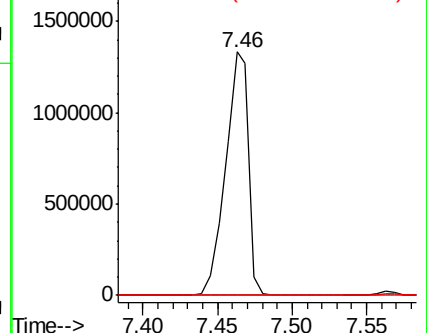
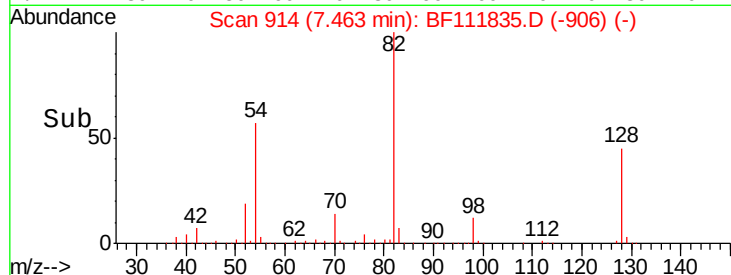
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

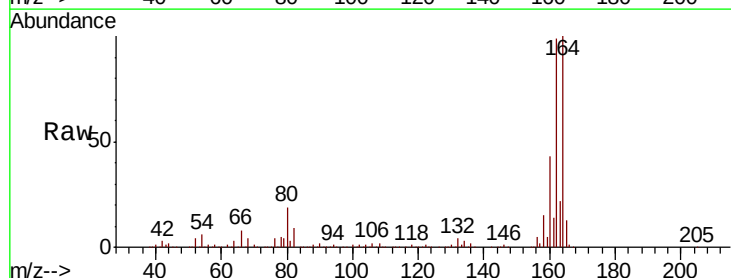
Tgt Ion:164 Resp: 468104

Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.0

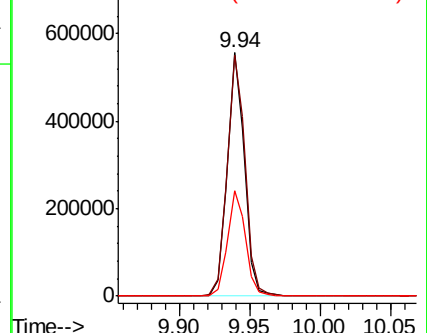
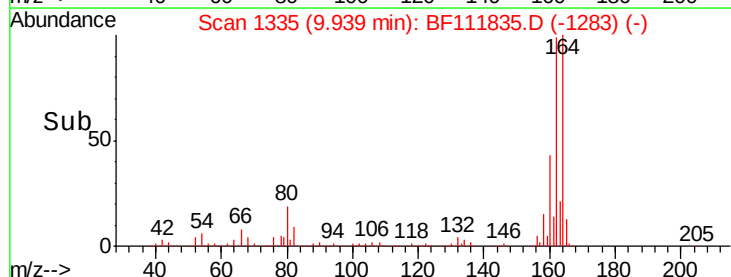
160 43.4 35.7 53.5

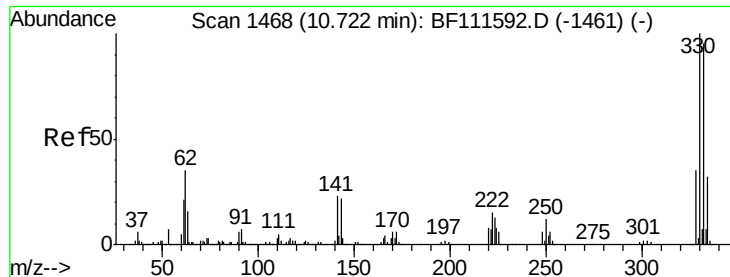


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

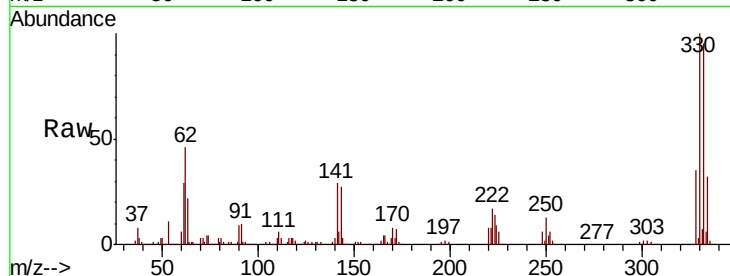




#42
 2,4,6-Tribromophenol
 Concen: 102.713 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	28.0	31.0	46.6#

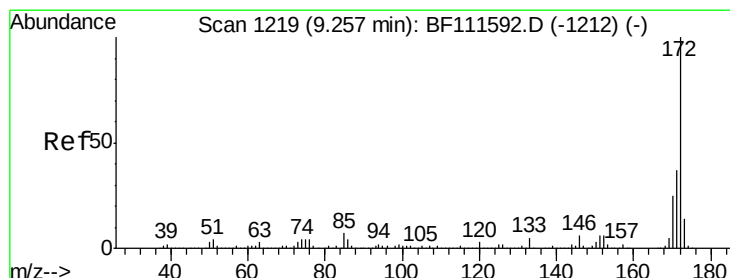
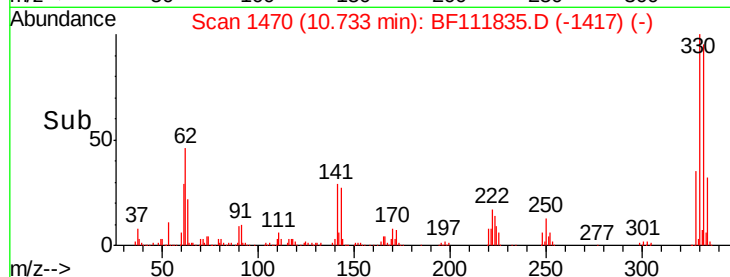
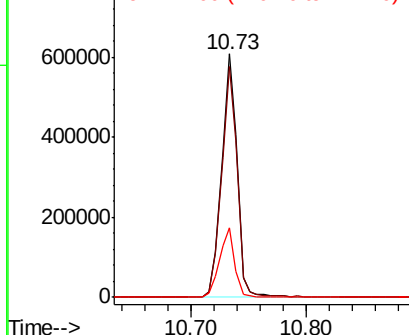


Abundance

Ion 329.80 (329.50 to 330.50): E

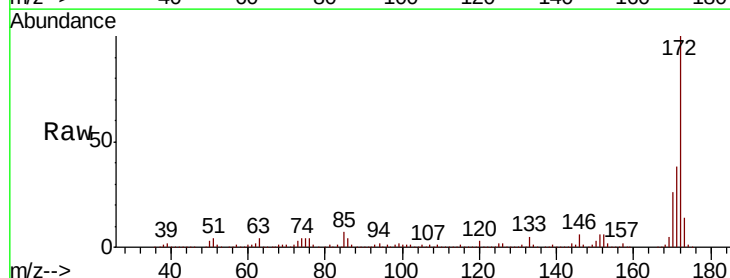
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.077 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	33.0	49.4
170	25.8	22.3	33.5

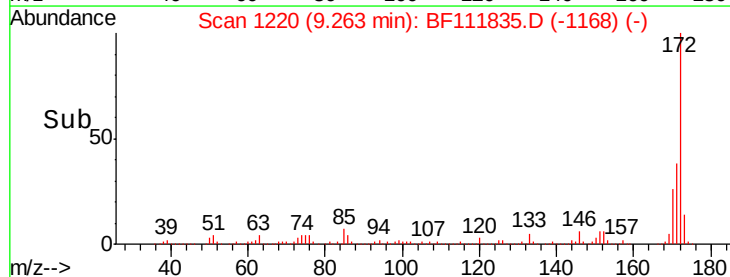
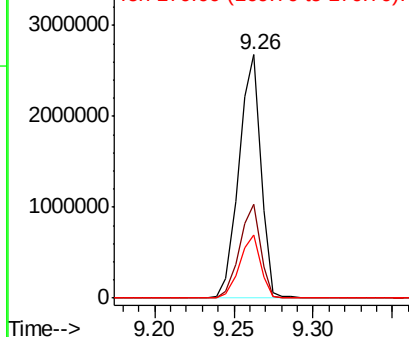


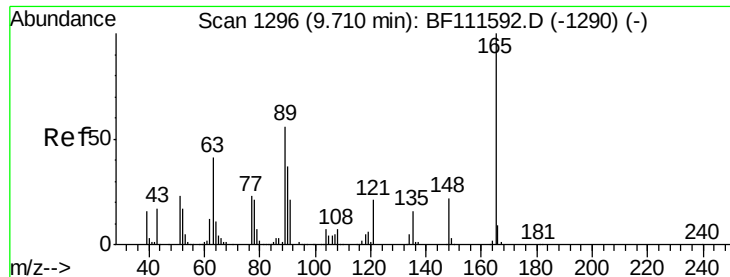
Abundance

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

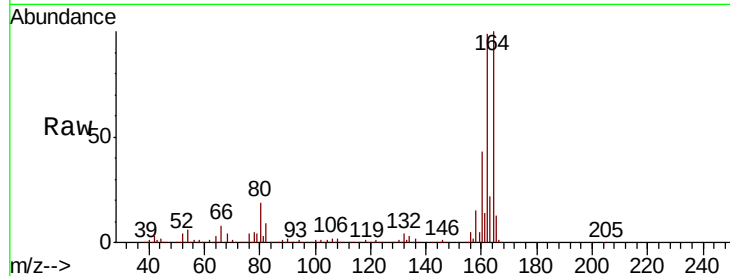




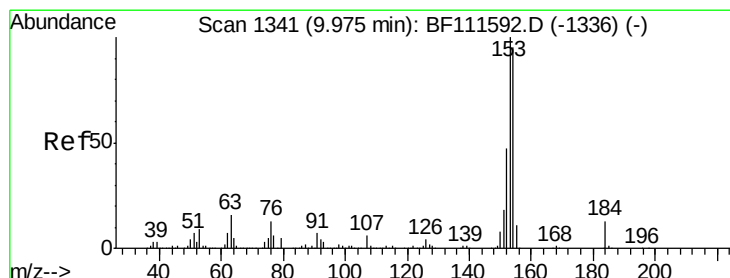
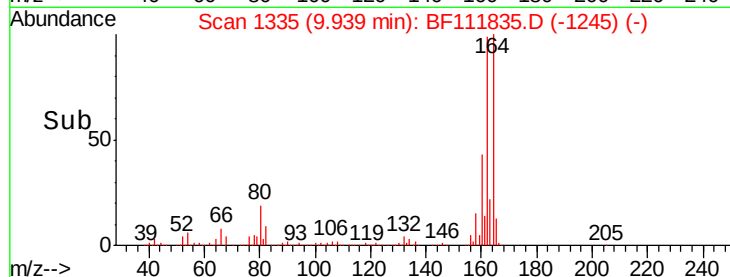
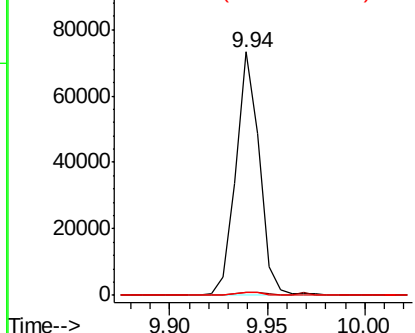
#51
 2,6-Dinitrotoluene
 Concen: 8.987 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.23 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 61345
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.5 60.7#
 89 1.4 40.0 60.0#

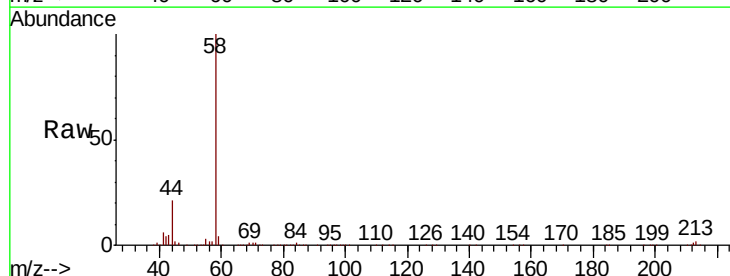


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

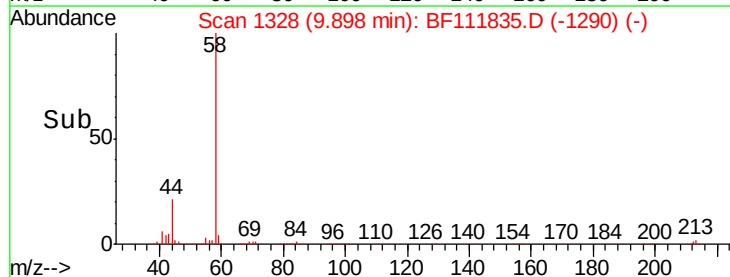
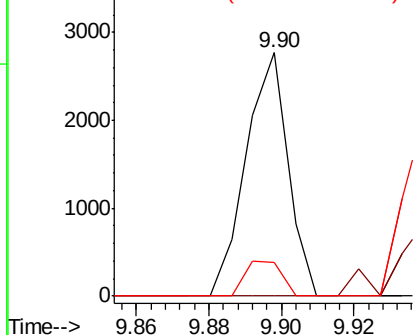


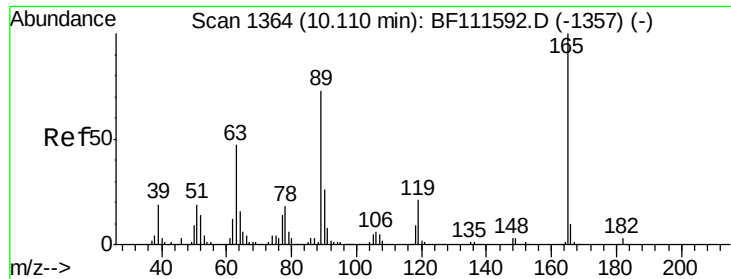
#54
 2,4-Dinitrophenol
 Concen: 8.229 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.08 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

Tgt Ion:184 Resp: 2223
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.3 93.5#
 154 13.8 56.2 84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

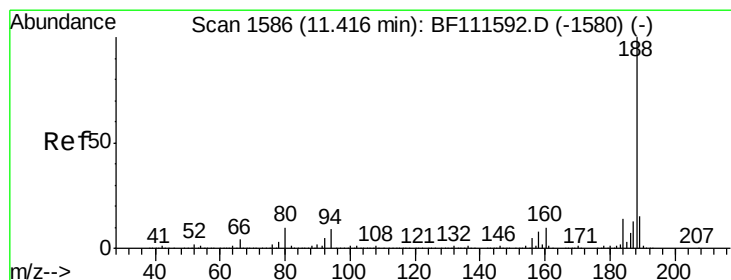
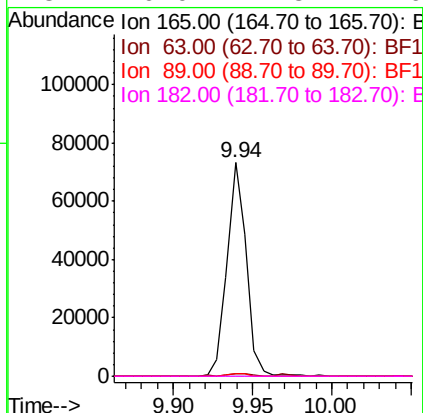
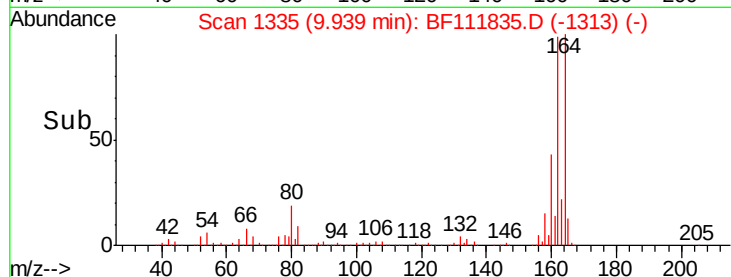
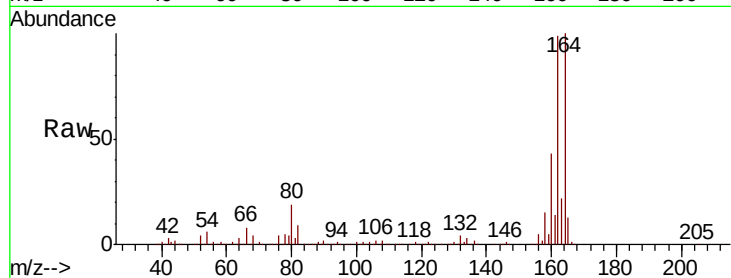




#57
 2,4-Dinitrotoluene
 Concen: 7.492 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

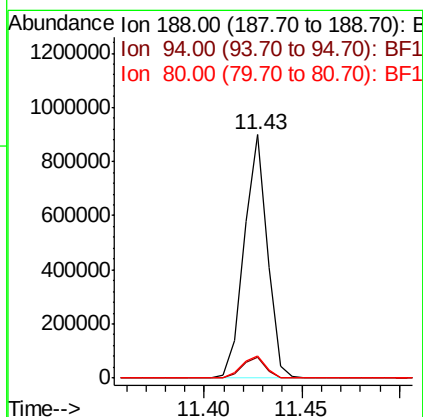
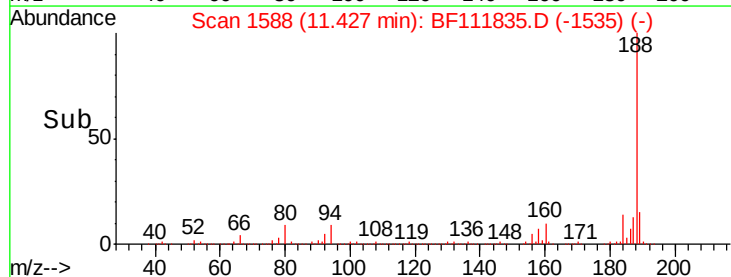
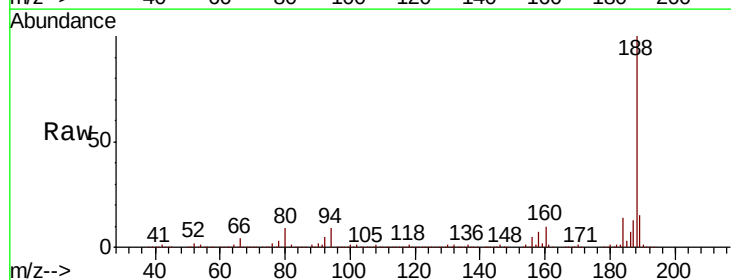
Instrument :
 BNA_F
 ClientSampled :

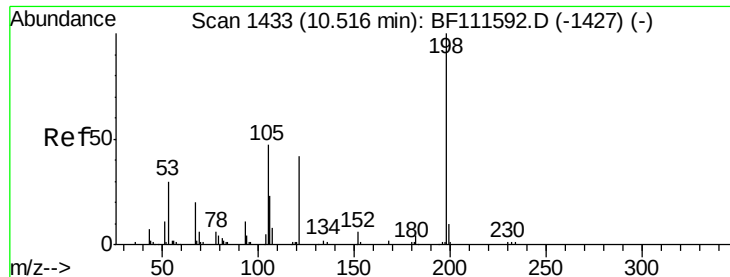
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.2	9.8	14.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 7.000 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.22 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

Instrument :

BNA_F

ClientSampleId :

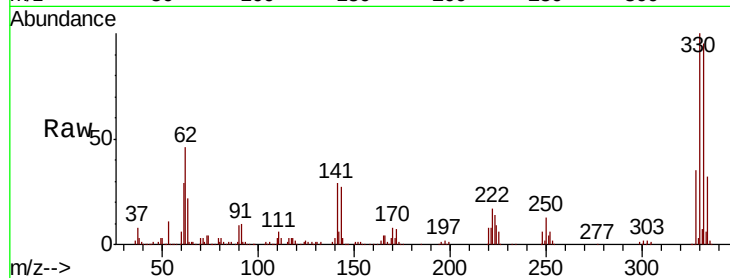
Tot Ion:198 Resp: 1090

Ion Ratio Lower Upper

198 100

51 182.5 48.0 88.0#

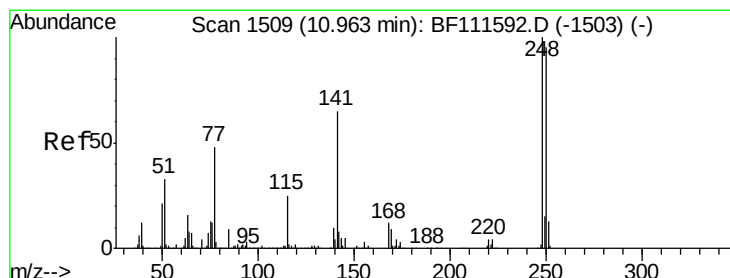
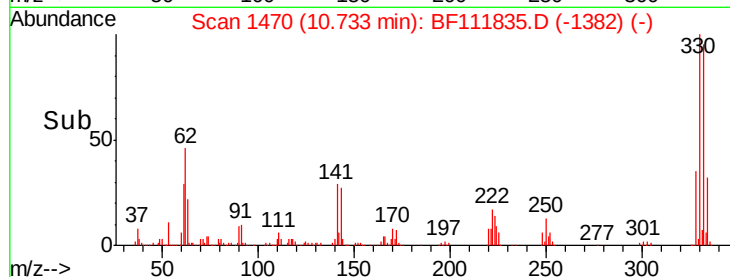
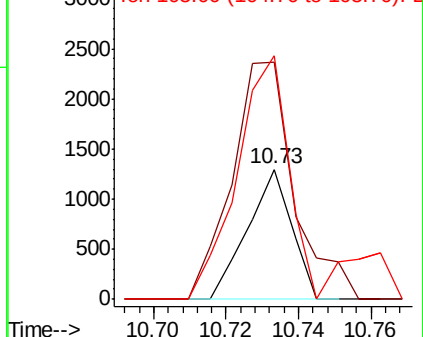
105 187.7 34.0 74.0#



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: 3.656 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.23 min

Lab File: BF111835.D

Acq: 3 Jan 2019 21:43

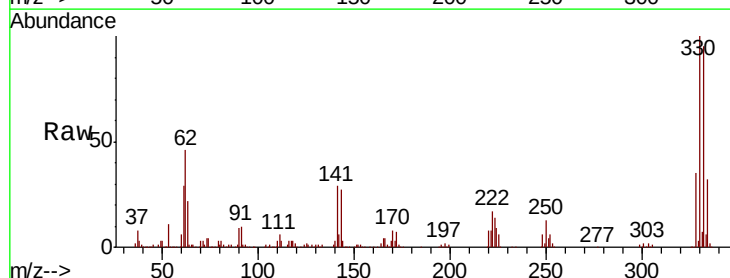
Tgt Ion:248 Resp: 33461

Ion Ratio Lower Upper

248 100

250 199.7 77.0 115.4#

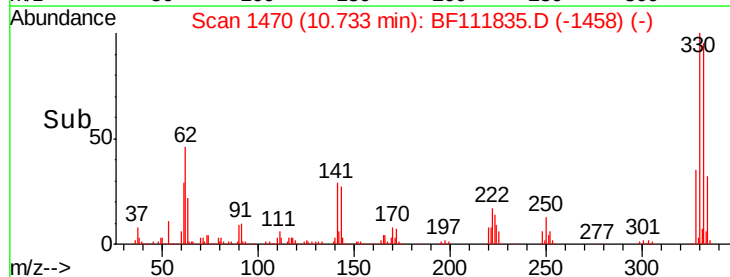
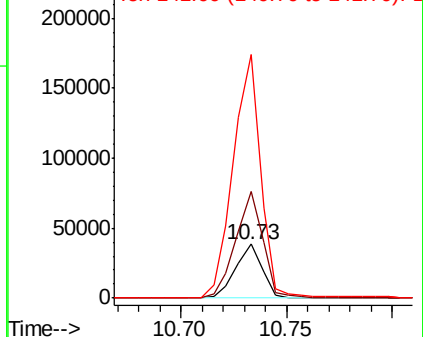
141 454.7 63.0 94.6#

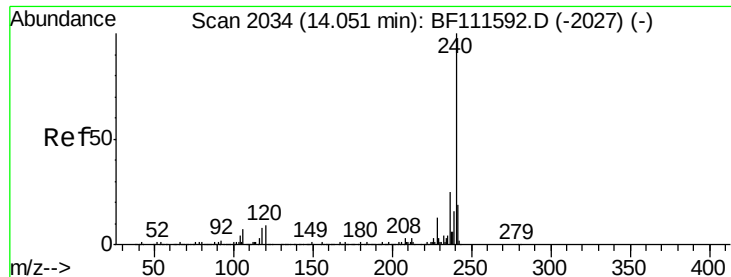


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

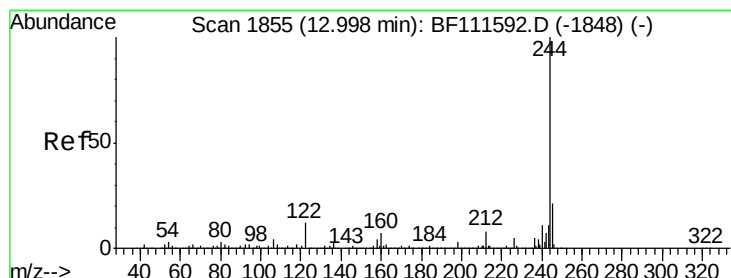
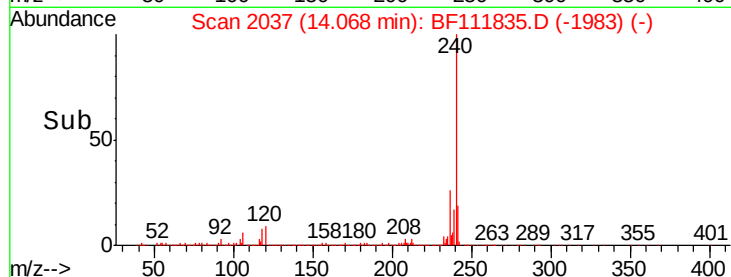
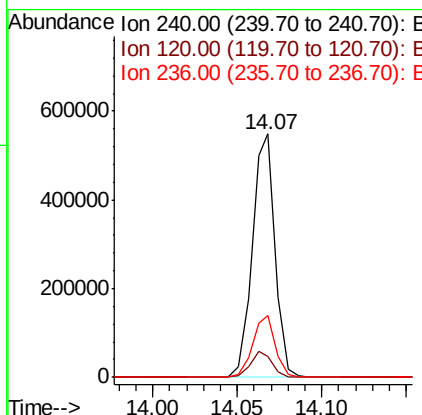
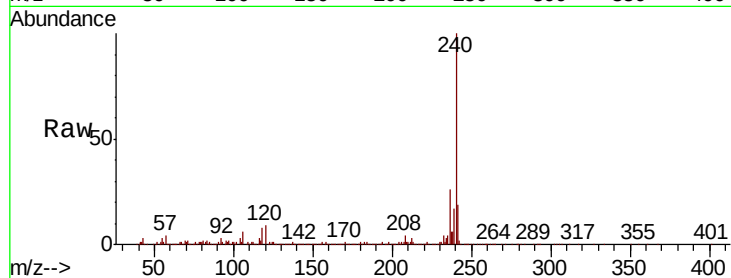




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

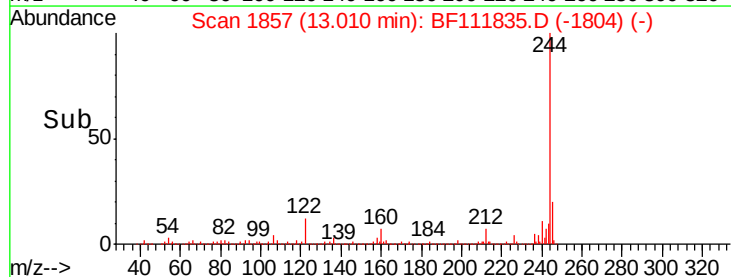
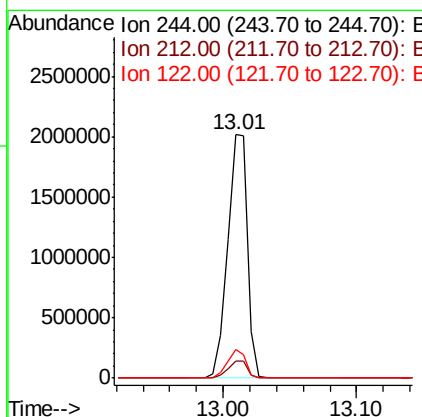
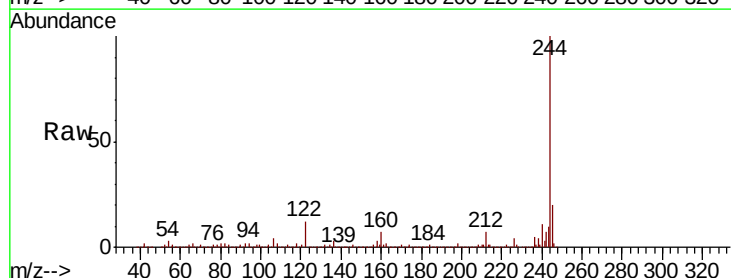
Instrument :
 BNA_F
 ClientSampleId :

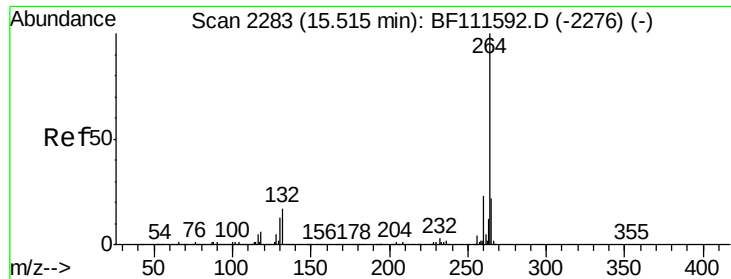
Tot Ion:240 Resp: 514765
 Ion Ratio Lower Upper
 240 100
 120 8.7 12.2 18.2#
 236 25.5 20.2 30.2



#79
 Terphenyl-d14
 Concen: 77.882 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111835.D
 Acq: 3 Jan 2019 21:43

Tgt Ion:244 Resp: 2114048
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.6 13.1 19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111835.D
Acq: 3 Jan 2019 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.3	27.5
265	20.2	17.7	26.5

