

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110876.D
 Acq On : 20 Nov 2018 2:34
 Operator : JU/SJ
 Sample : J5985-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111518-JETT-E-D-B

Quant Time: Nov 20 05:58:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49841	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	195689	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	76195	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	127832	20.00	ng	0.00
76) Chrysene-d12	14.13	240	119695	20.00	ng	0.00
87) Perylene-d12	15.67	264	73235	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	115012	37.48	ng	0.00
7) Phenol-d6	6.57	99	86170	21.96	ng	0.00
23) Nitrobenzene-d5	7.50	82	318873	93.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	56126	73.10	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	572144	107.24	ng	0.00
79) Terphenyl-d14	13.06	244	417799	65.37	ng	-0.01

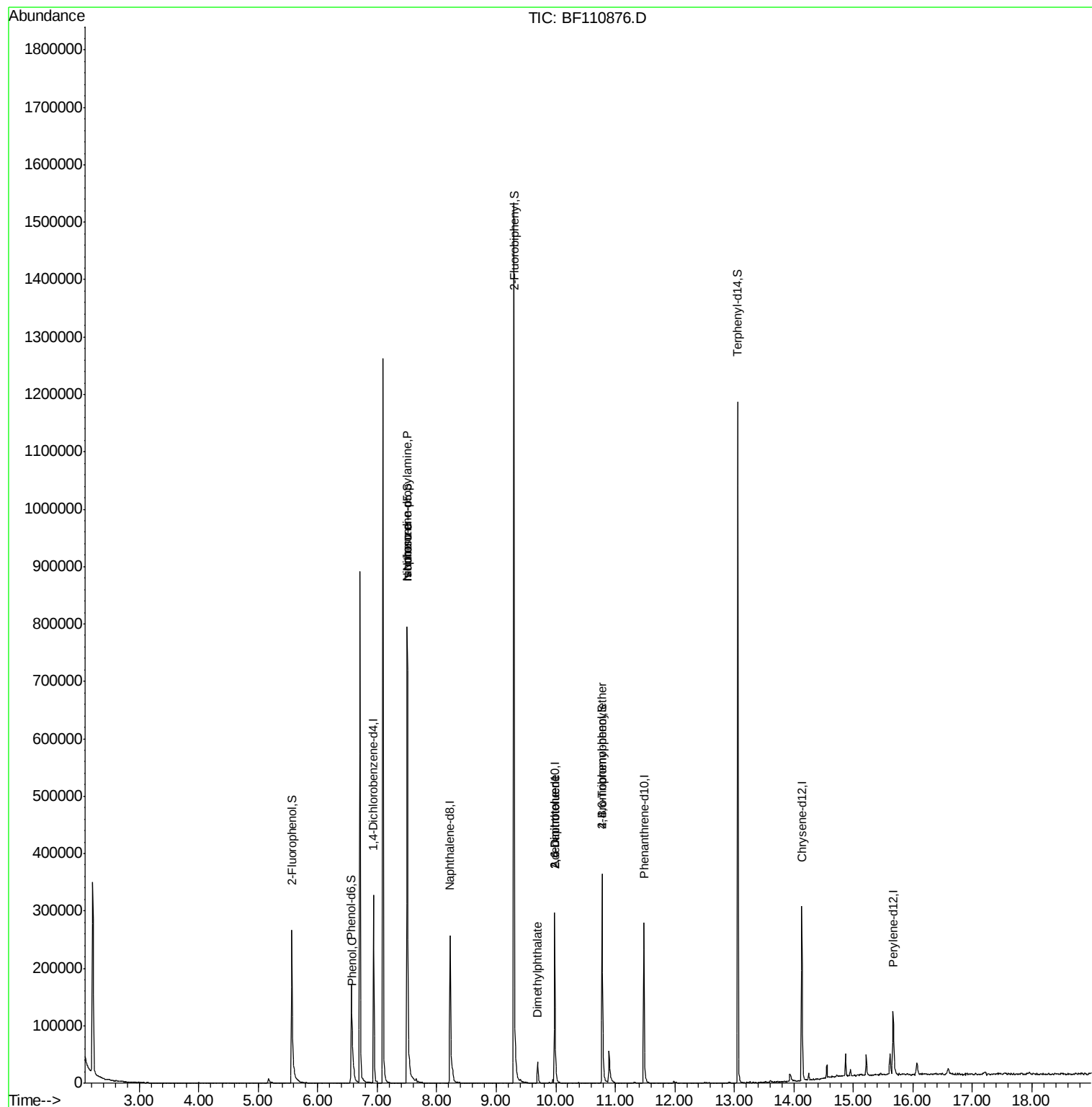
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.59	94	11879	2.611	ng	# 72
19) n-Nitroso-di-n-propylamine	7.50	70	40933	16.343	ng	# 81
25) Isophorone	7.50	82	318872	57.255	ng	# 67
50) Dimethylphthalate	9.69	163	22606	3.976	ng	97
51) 2,6-Dinitrotoluene	9.98	165	9341	7.469	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	9341	5.744	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3412	2.415	ng	# 1

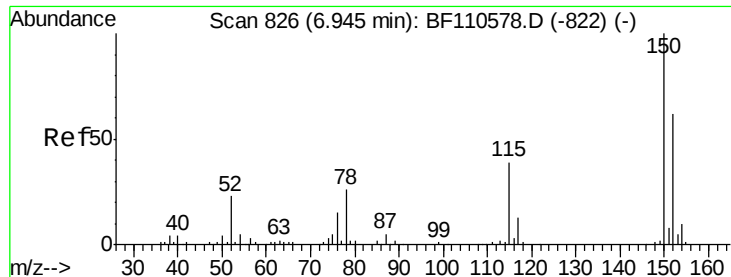
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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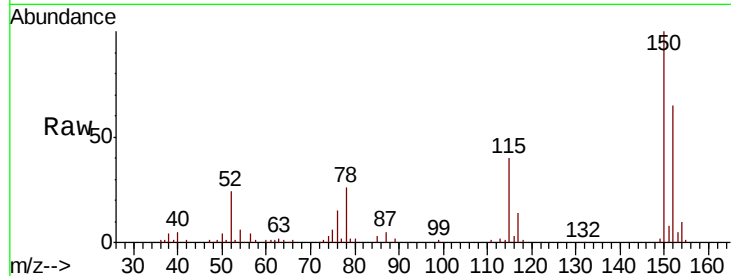


#1

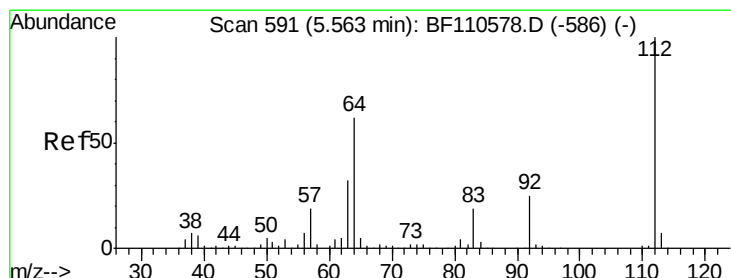
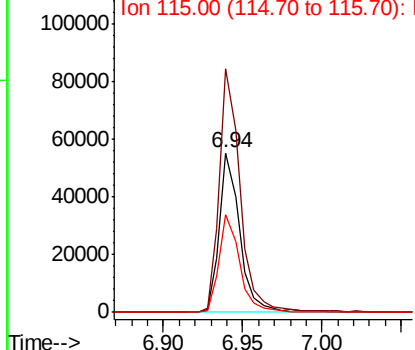
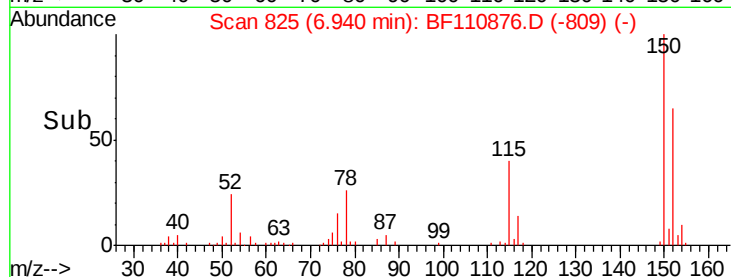
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

Instrument :
BNA_F
ClientSampleId :
111518-JETT-E-D-B

Tgt Ion:152 Resp: 49841
Ion Ratio Lower Upper
152 100
150 152.8 122.7 184.1
115 61.2 49.1 73.7



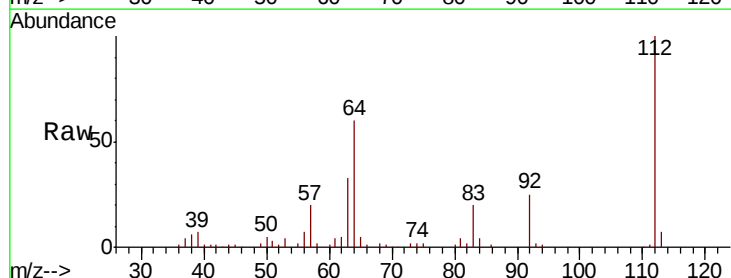
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



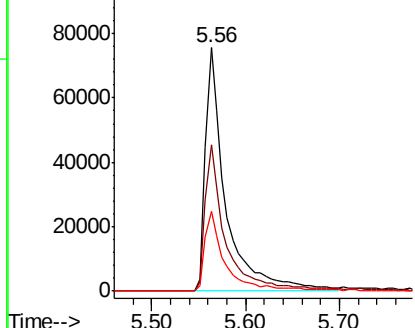
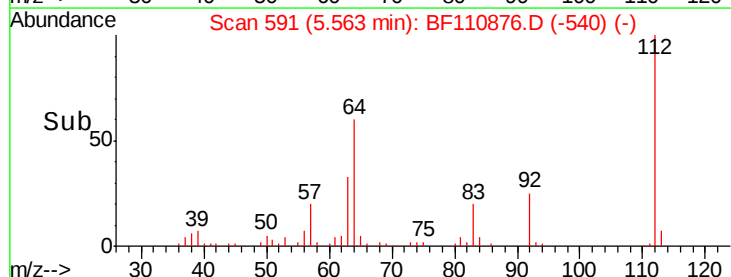
#5

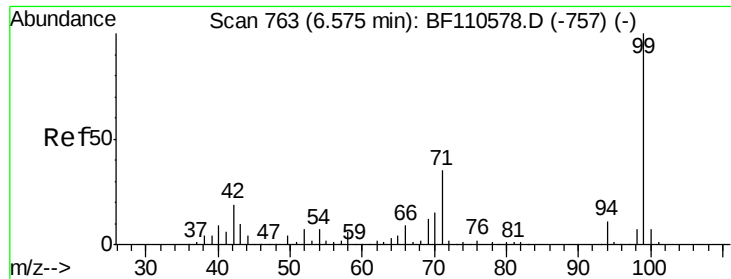
2-Fluorophenol
Concen: 37.482 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

Tgt Ion:112 Resp: 115012
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 32.7 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: 21.961 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110876.D

Acq: 20 Nov 2018 2:34

Instrument :

BNA_F

ClientSampleId :

111518-JETT-E-D-B

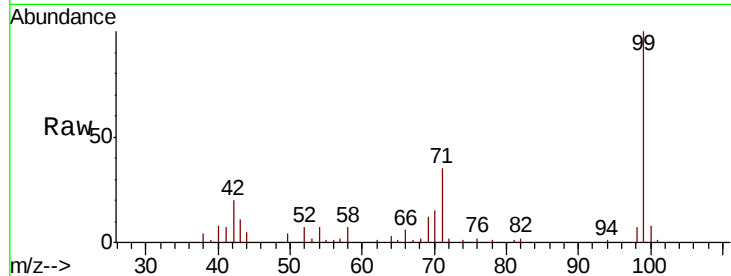
Tgt Ion: 99 Resp: 86170

Ion Ratio Lower Upper

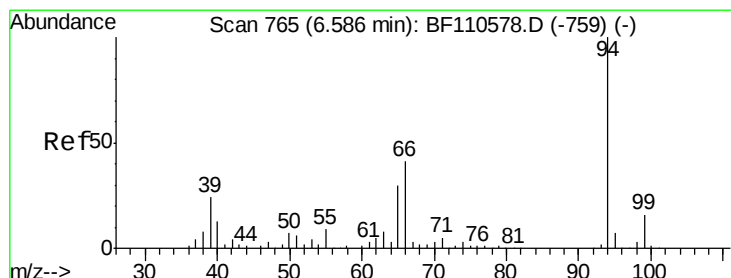
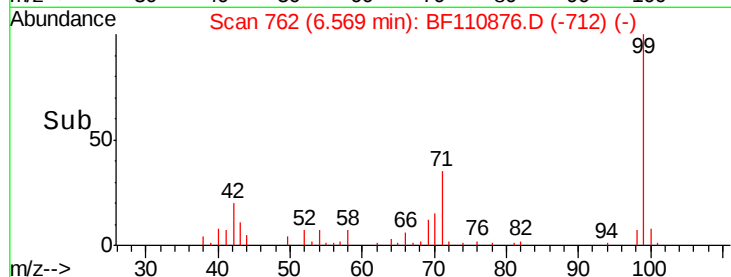
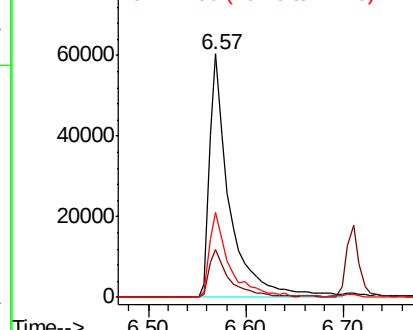
99 100

42 19.8 15.8 23.6

71 34.8 28.0 42.0



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



#10

Phenol

Concen: 2.611 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110876.D

Acq: 20 Nov 2018 2:34

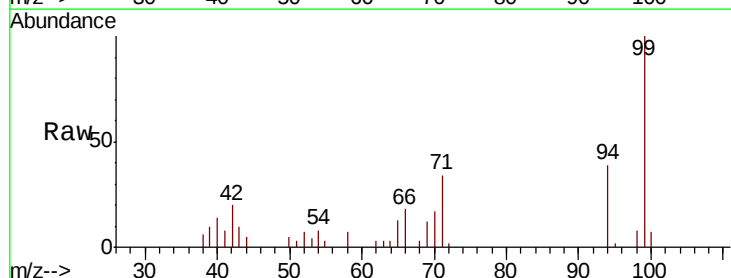
Tgt Ion: 94 Resp: 11879

Ion Ratio Lower Upper

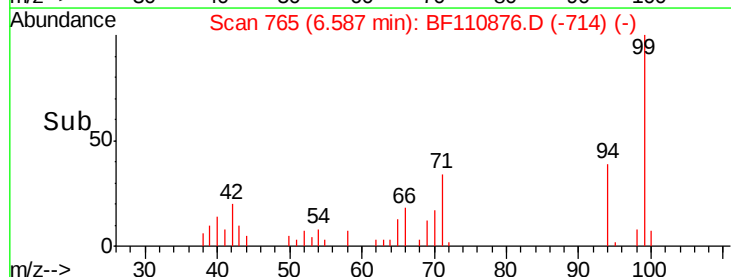
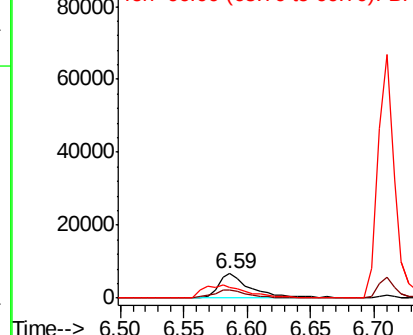
94 100

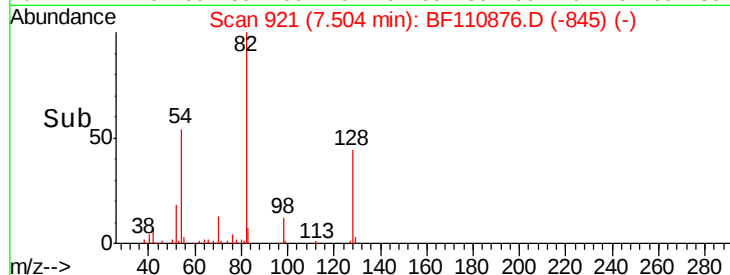
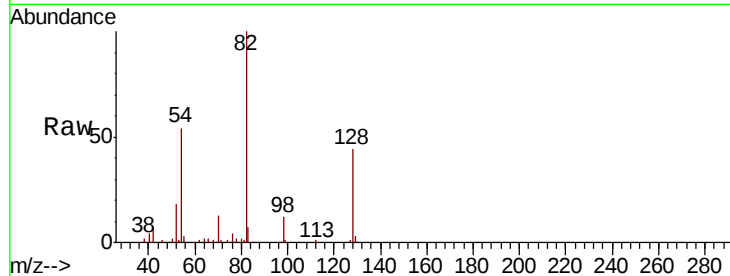
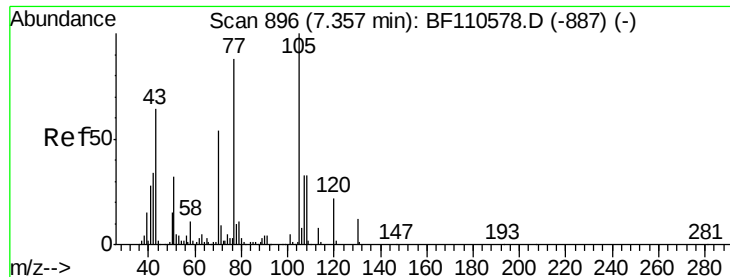
65 33.6 25.3 65.3

66 45.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

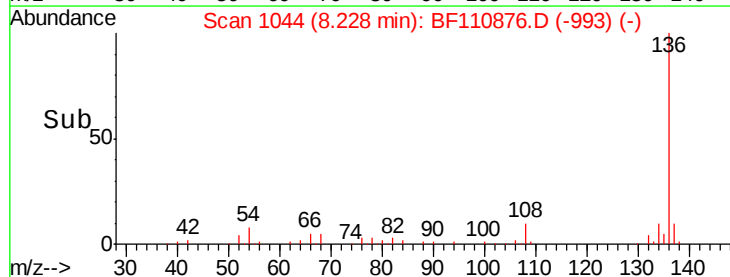
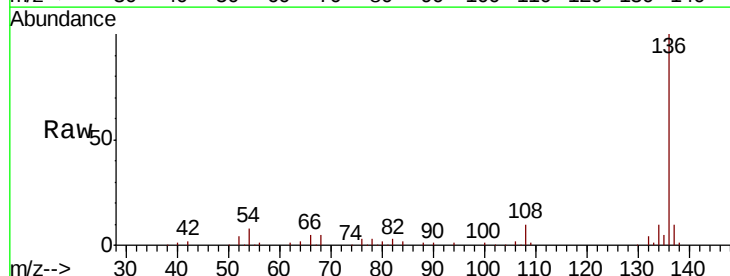
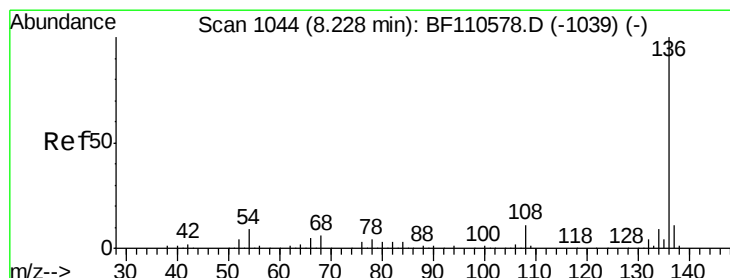
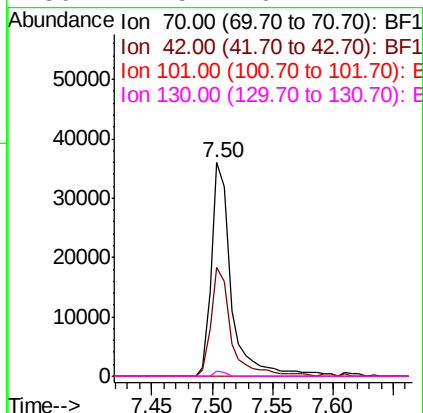




#19
n-Nitroso-di-n-propylamine
Concen: 16.343 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110876.D
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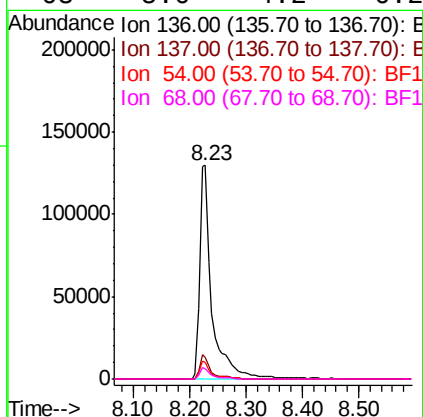
Instrument :
BNA_F
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111518-JETT-E-D-B

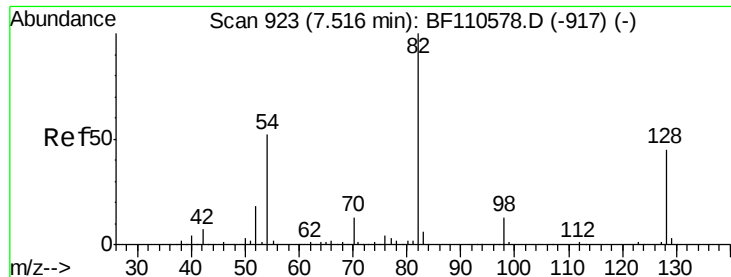
Tgt Ion: 70 Resp: 40933
Ion Ratio Lower Upper
70 100
42 50.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

Tgt Ion: 136 Resp: 195689
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 7.5 5.4 8.2
68 5.0 4.2 6.2

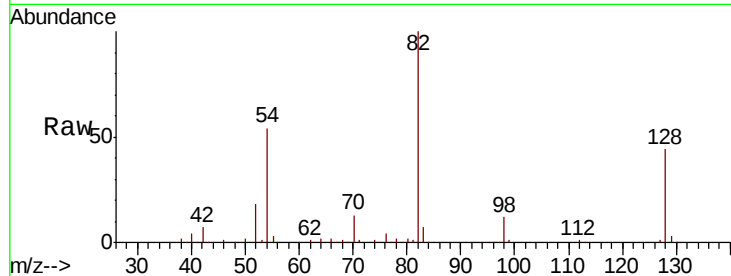




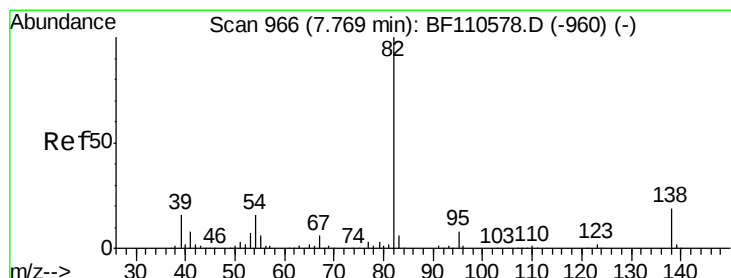
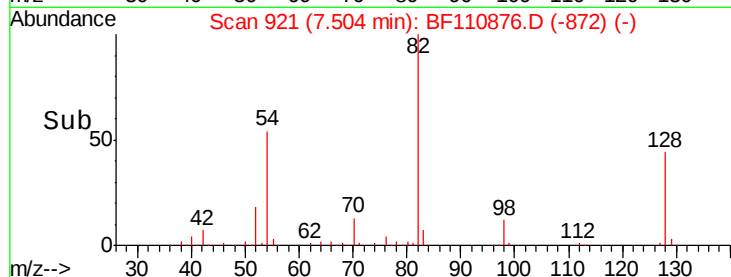
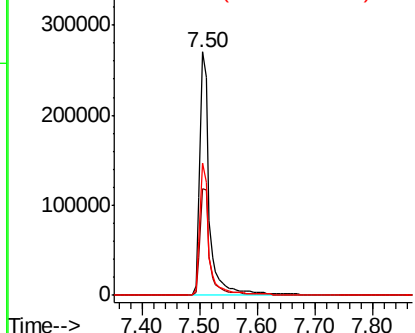
#23
 Nitrobenzene-d5
 Concen: 93.842 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

Instrument :
 BNA_F
 ClientSampleId :
 111518-JETT-E-D-B

Tgt Ion: 82 Resp: 318873
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.2 51.2
 54 54.1 38.6 58.0

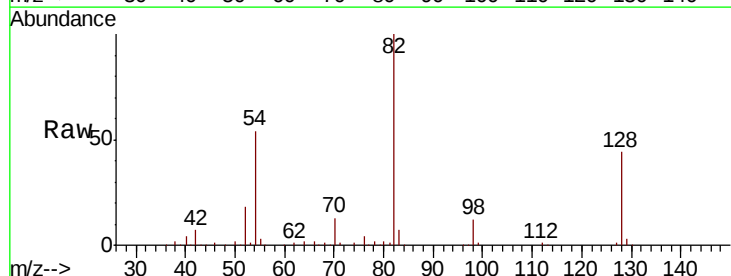


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

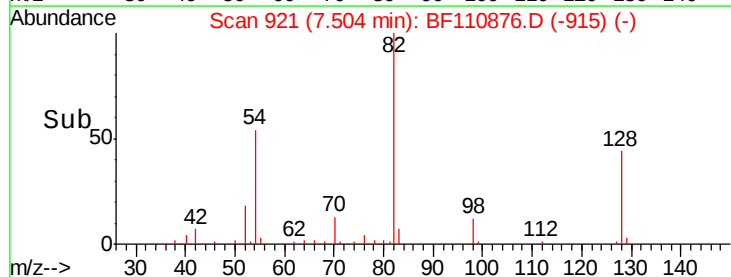
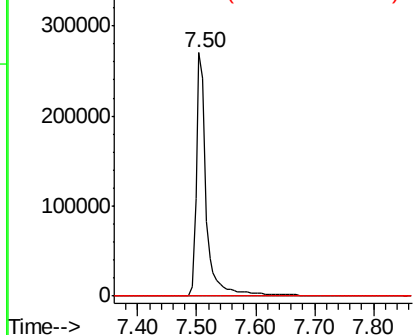


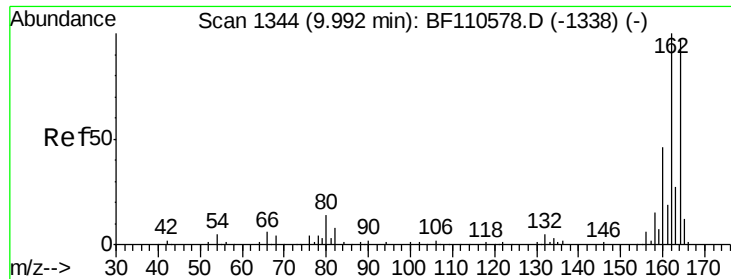
#25
 Isophorone
 Concen: 57.255 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

Tgt Ion: 82 Resp: 318872
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



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

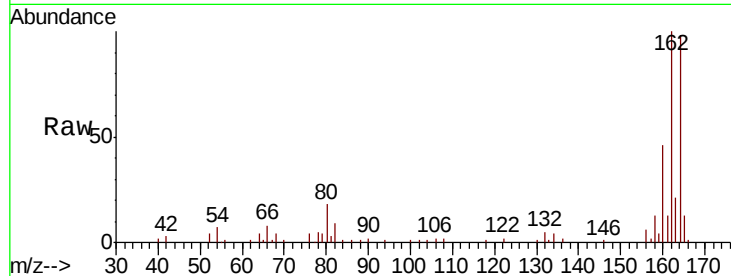




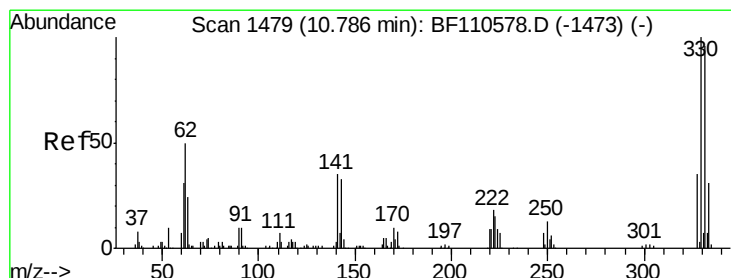
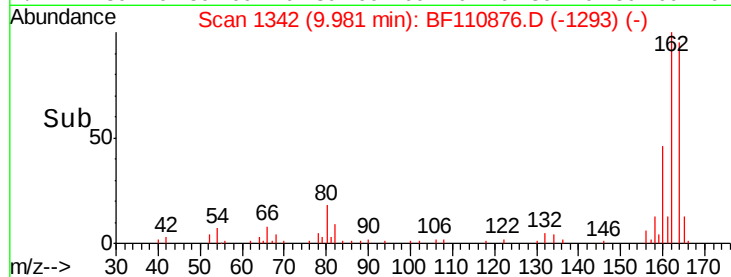
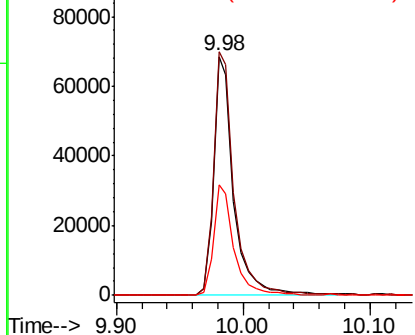
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

Instrument :
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Tgt Ion:164 Resp: 76195
 Ion Ratio Lower Upper
 164 100
 162 102.0 83.0 124.6
 160 46.5 37.0 55.6

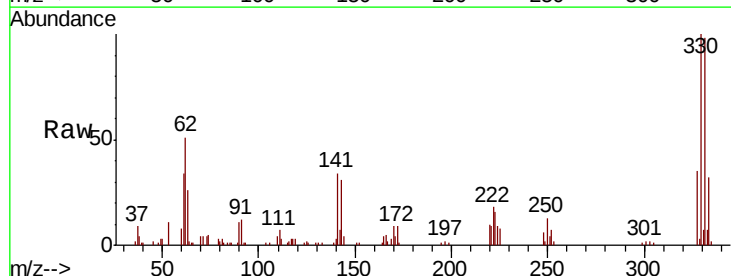


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

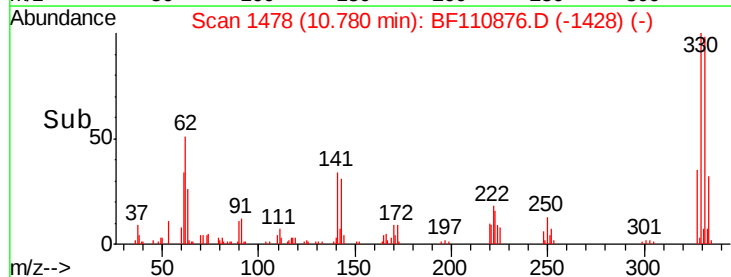
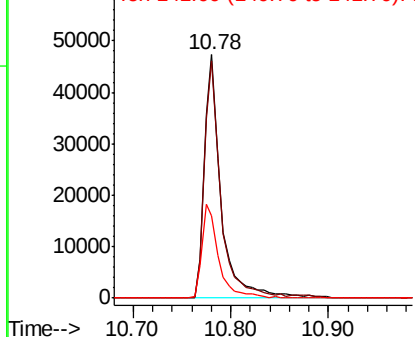


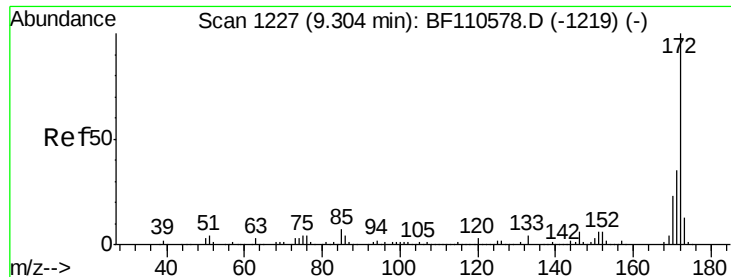
#42
 2,4,6-Tribromophenol
 Concen: 73.104 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

Tgt Ion:330 Resp: 56126
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 38.3 27.0 40.4



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

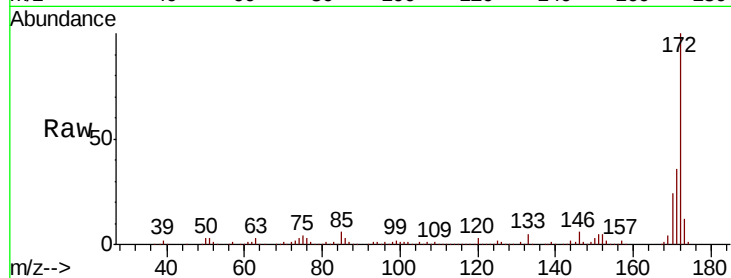




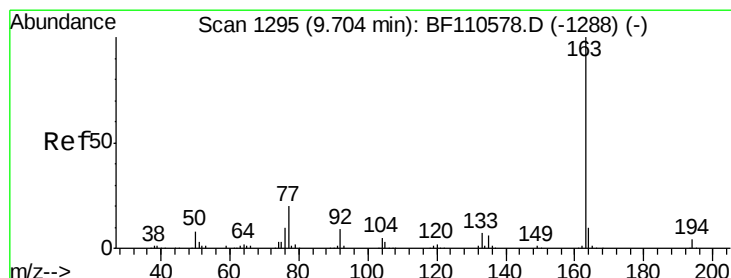
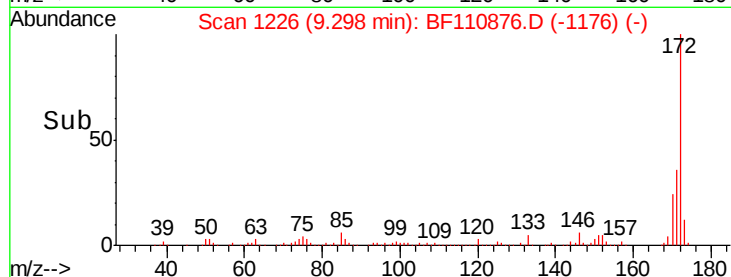
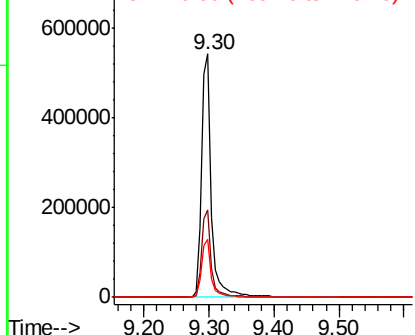
#45
 2-Fluorobiphenyl
 Concen: 107.241 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

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Tgt Ion:172 Resp: 572144
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.6 19.7 29.5

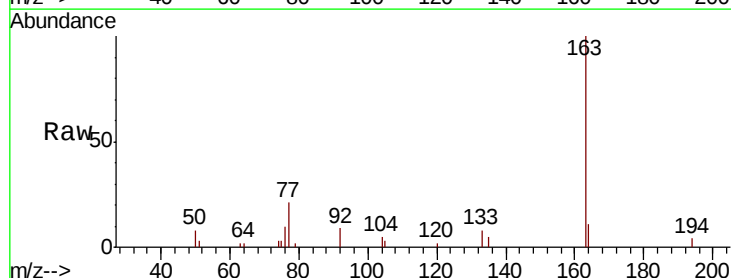


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

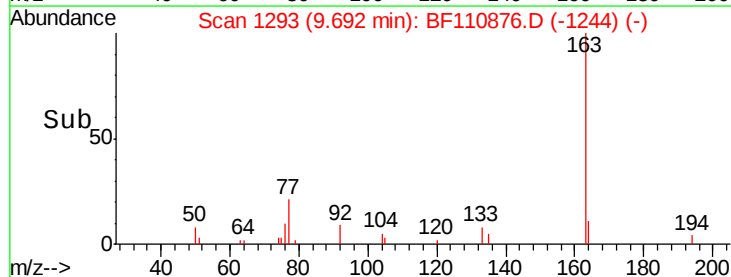
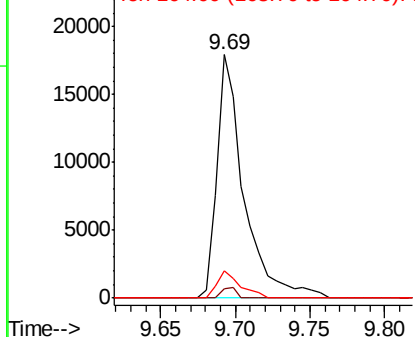


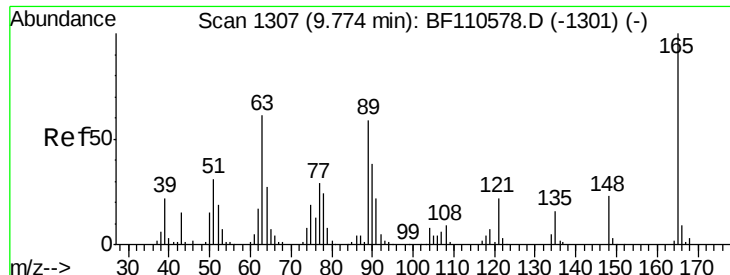
#50
 Dimethylphthalate
 Concen: 3.976 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

Tgt Ion:163 Resp: 22606
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 11.4 8.1 12.1



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

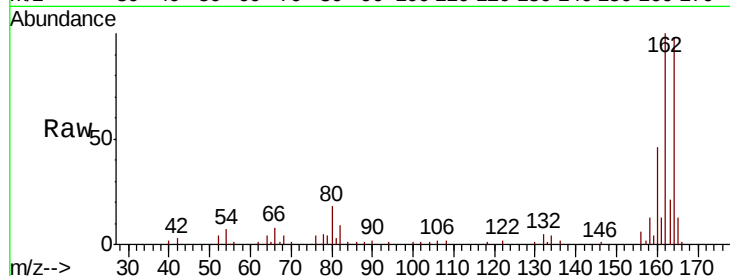




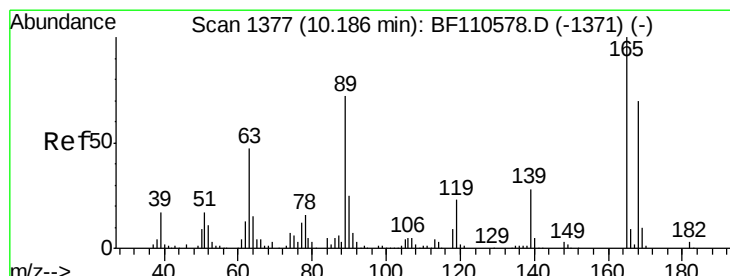
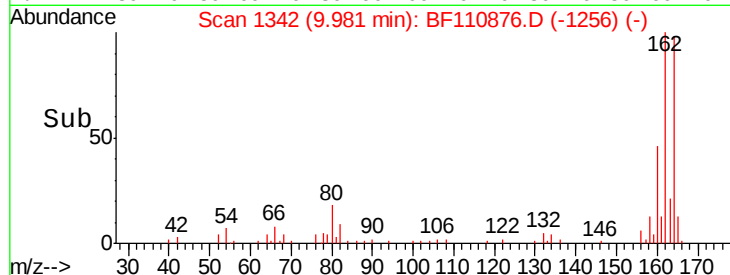
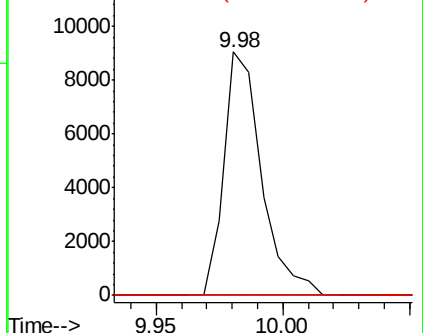
#51
 2,6-Dinitrotoluene
 Concen: 7.469 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

Instrument :
 BNA_F
 ClientSampleId :
 111518-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



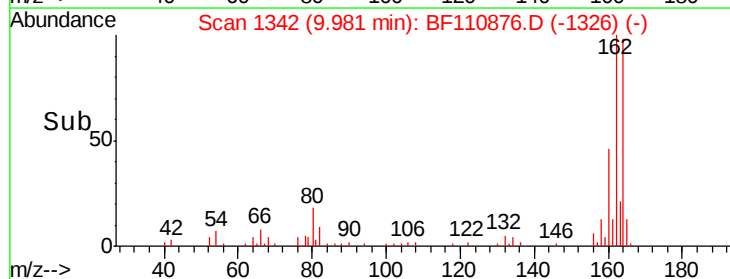
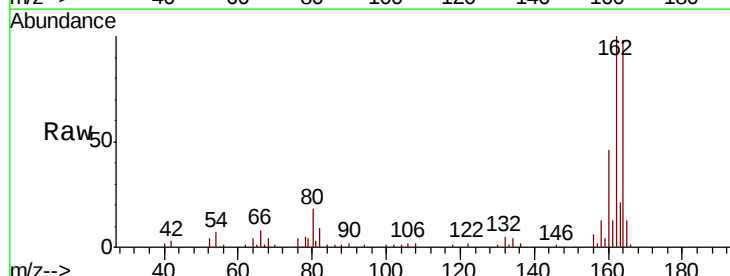
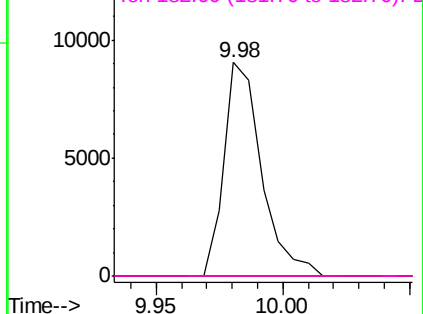
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

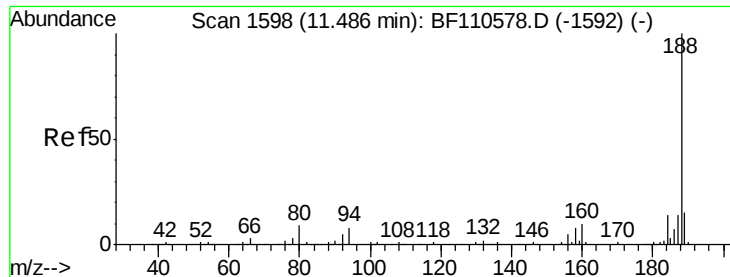


#57
 2,4-Dinitrotoluene
 Concen: 5.744 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110876.D
 Acq: 20 Nov 2018 2:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

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

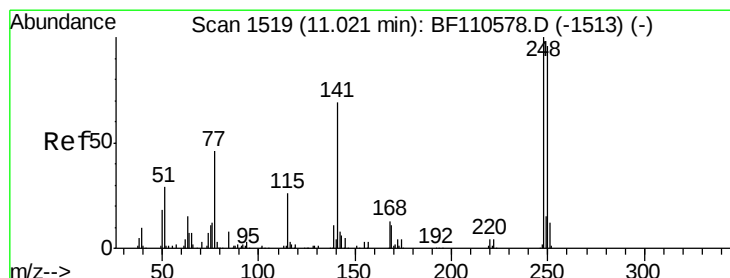
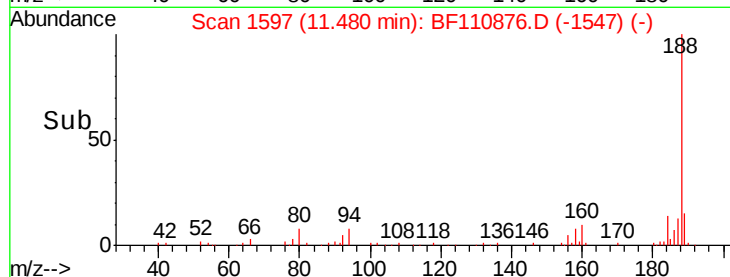
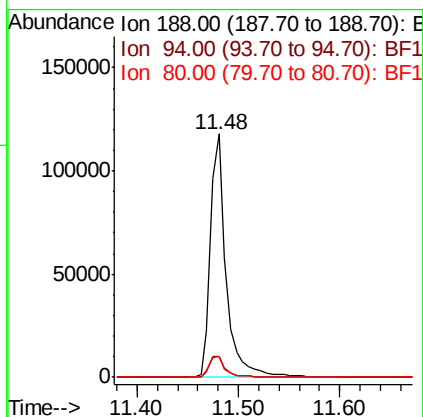
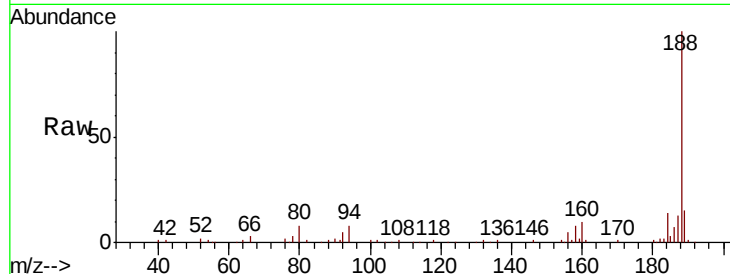




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

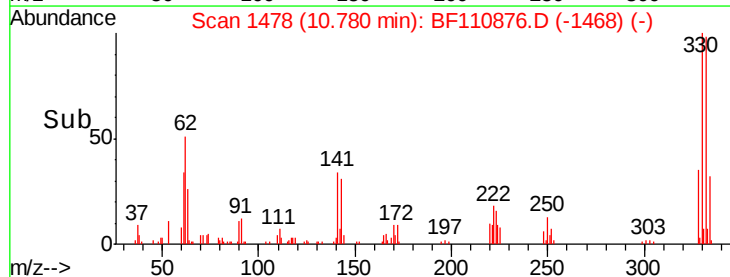
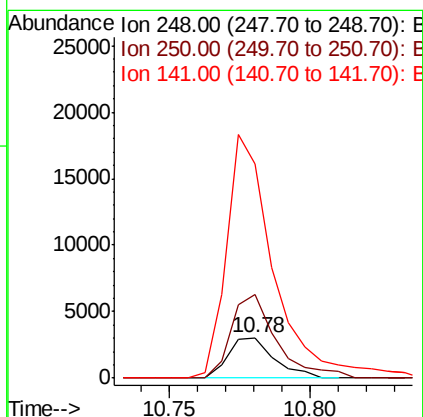
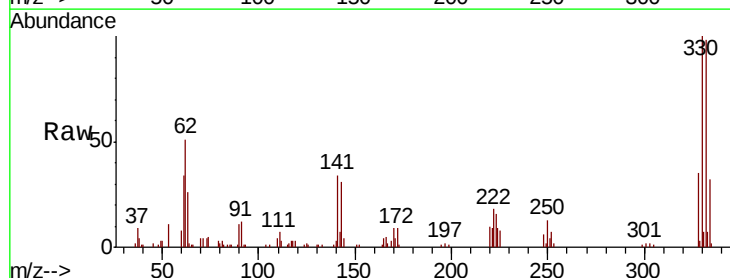
Instrument :
BNA_F
ClientSampleId :
111518-JETT-E-D-B

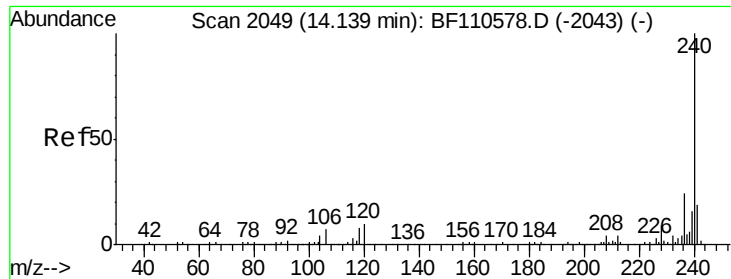
Tgt Ion:188 Resp: 127832
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.415 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

Tgt Ion:248 Resp: 3412
Ion Ratio Lower Upper
248 100
250 207.1 79.4 119.2#
141 529.5 55.9 83.9#

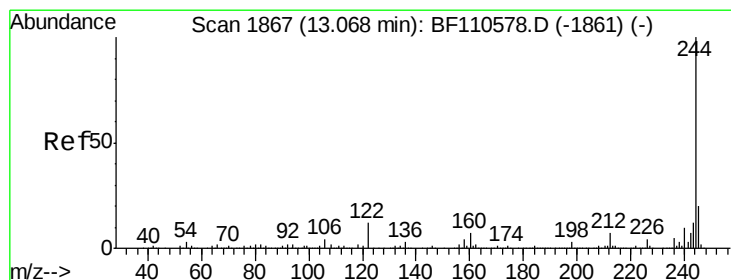
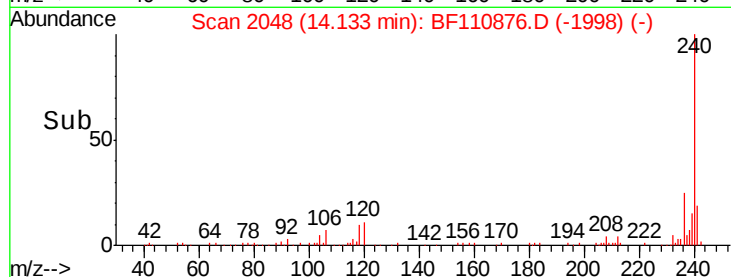
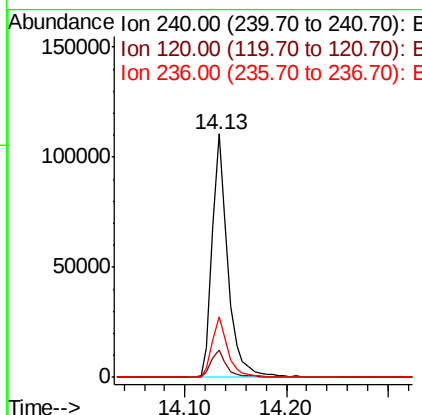
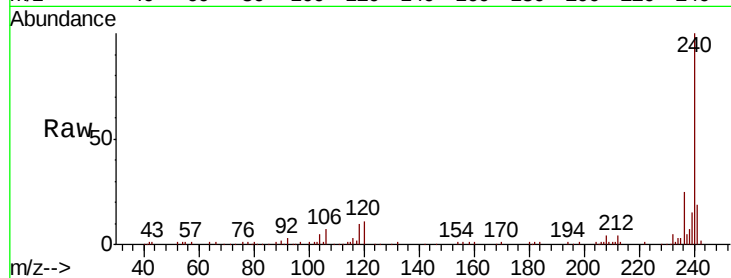




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

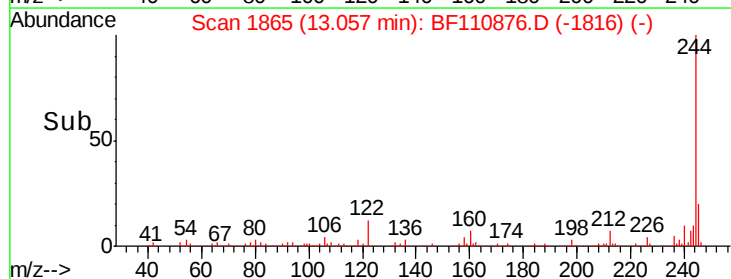
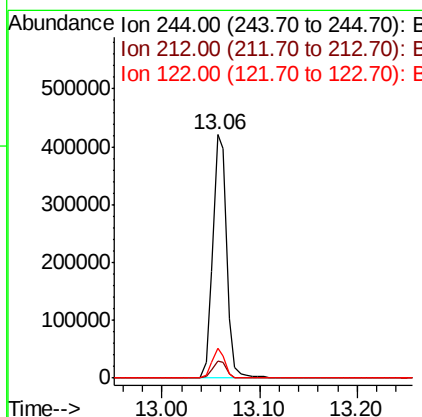
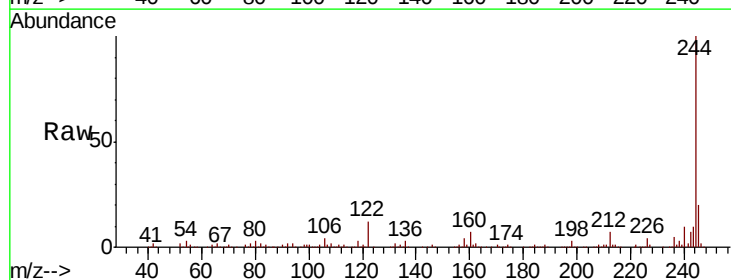
Instrument :
BNA_F
ClientSampleId :
111518-JETT-E-D-B

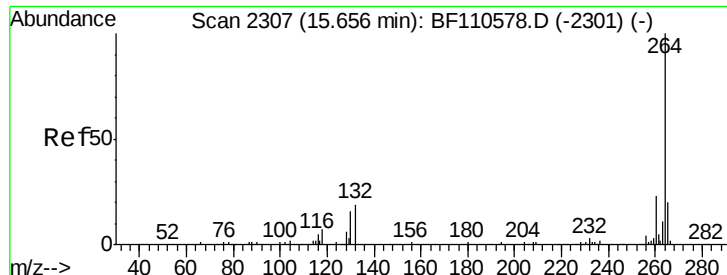
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.1	21.2	31.8



#79
Terphenyl-d14
Concen: 65.369 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.5	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110876.D
Acq: 20 Nov 2018 2:34

Instrument :
BNA_F
ClientSampleId :
111518-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	20.5	16.7	25.1

