

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113380.D
 Acq On : 28 Mar 2019 18:07
 Operator : JU/SJ
 Sample : K2107-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Mar 29 02:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

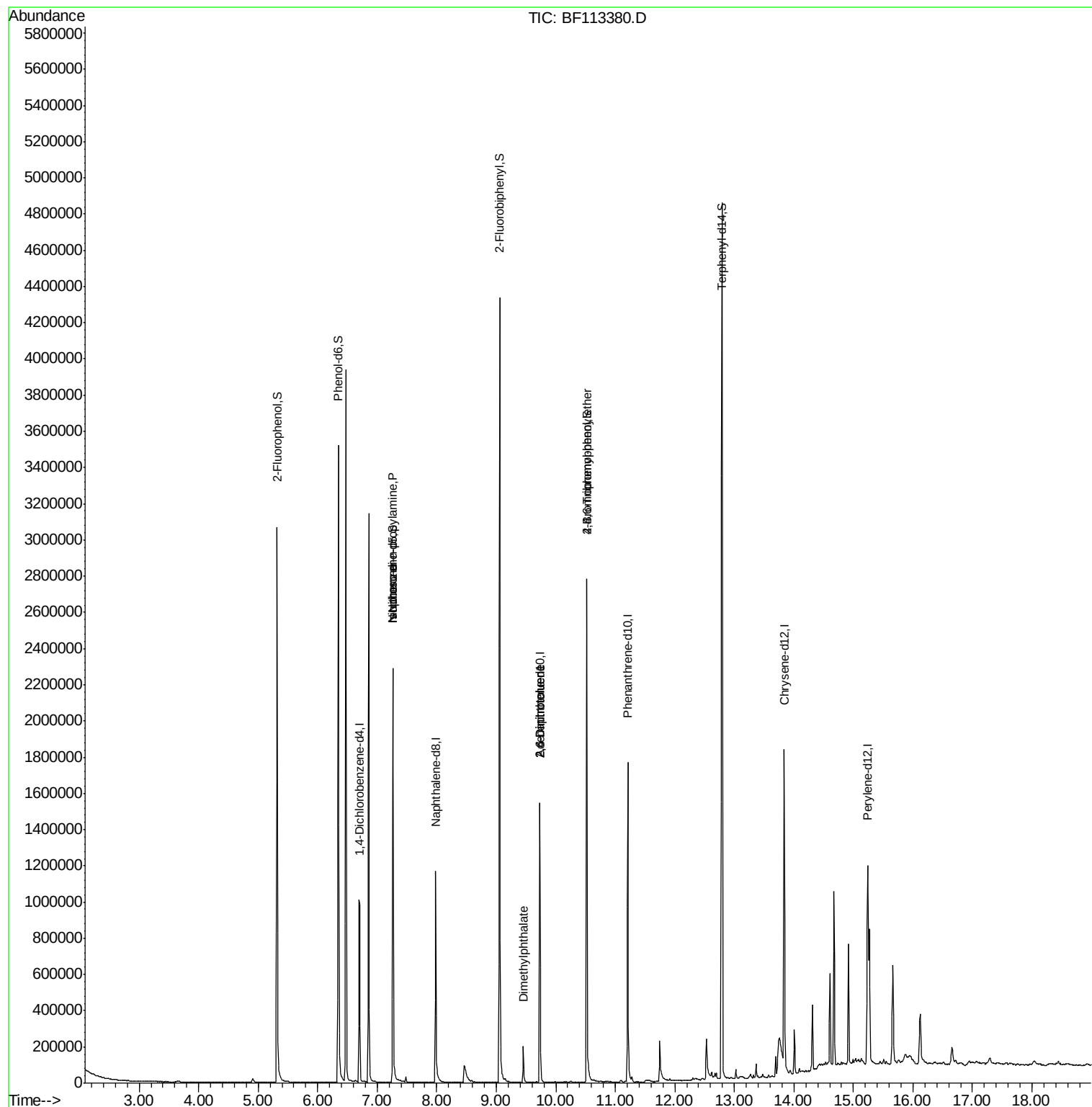
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170840	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	659762	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	330596	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	709424	20.00	ng	0.00
76) Chrysene-d12	13.84	240	669309	20.00	ng	0.00
87) Perylene-d12	15.24	264	562669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1034527	99.02	ng	0.00
7) Phenol-d6	6.35	99	1371088	103.73	ng	0.00
23) Nitrobenzene-d5	7.26	82	841021	75.66	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	443890	108.70	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1620269	74.67	ng	0.00
79) Terphenyl-d14	12.79	244	2011731	66.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	107061	12.895	ng	# 75
25) Isophorone	7.26	82	836323	38.823	ng	# 64
50) Dimethylphthalate	9.45	163	100432	4.099	ng	100
51) 2,6-Dinitrotoluene	9.73	165	42057	7.609	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	42057	5.984	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	24332	3.147	ng	# 1

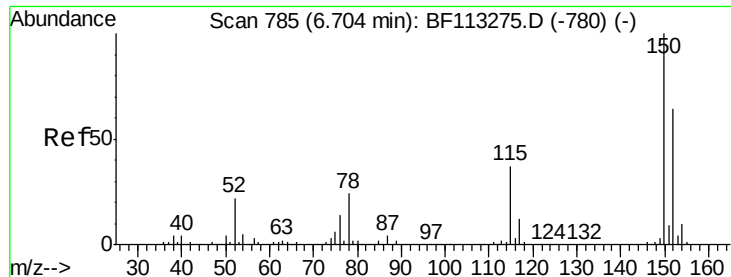
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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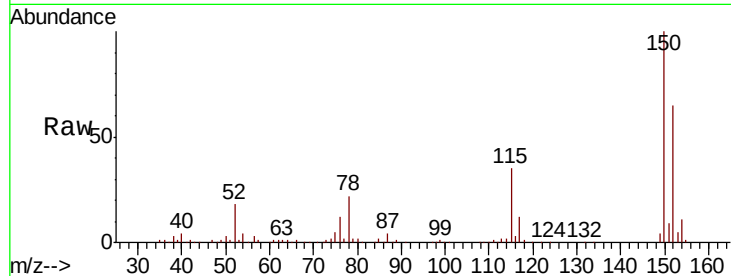




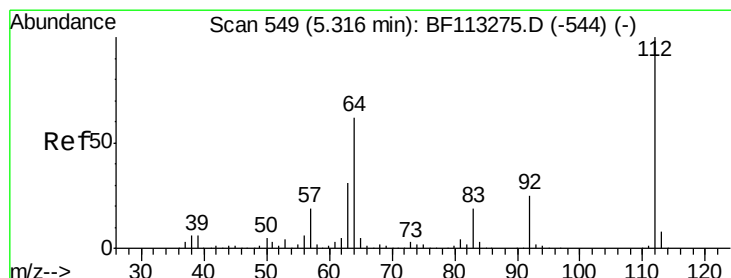
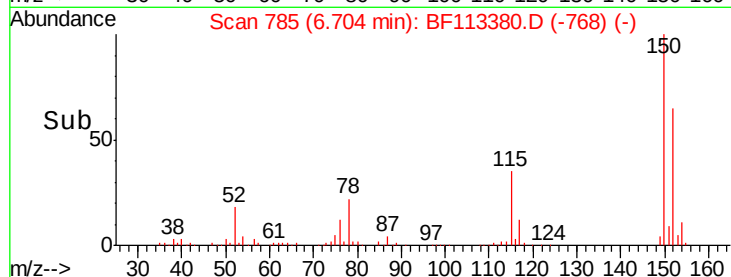
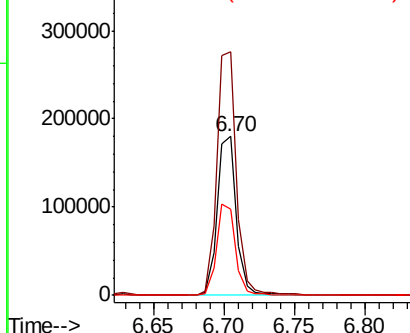
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:152 Resp: 170840
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.7 187.1
 115 53.9 46.0 69.0

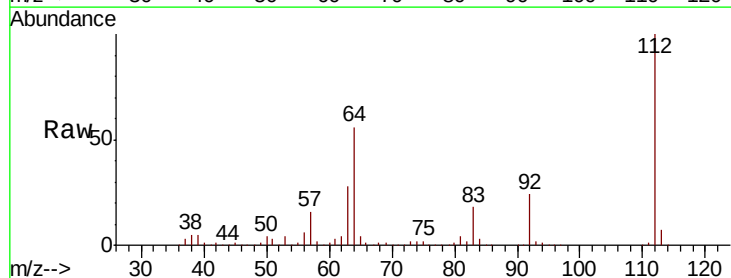


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

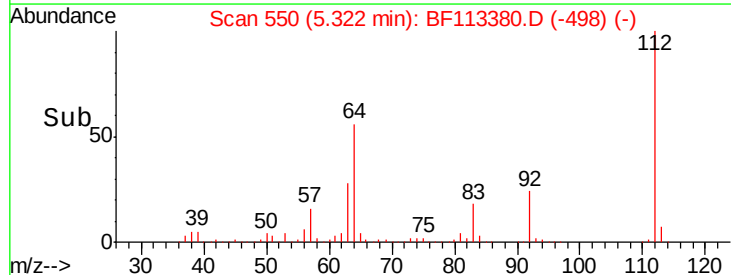
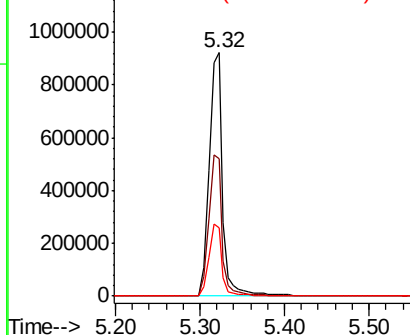


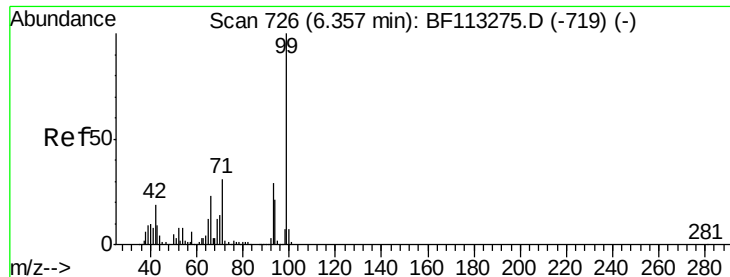
#5
 2-Fluorophenol
 Concen: 99.015 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion:112 Resp: 1034527
 Ion Ratio Lower Upper
 112 100
 64 56.3 49.2 73.8
 63 28.2 24.9 37.3



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: 103.733 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

Instrument :

BNA_F

ClientSampleId :

TP-8

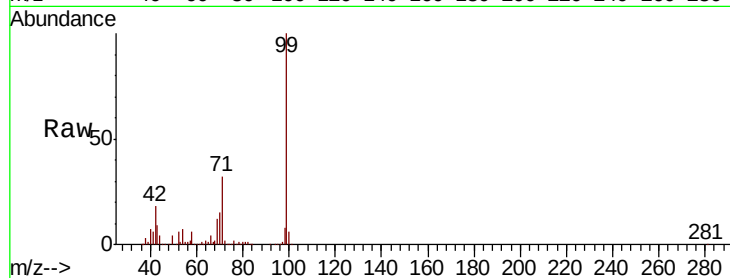
Tgt Ion: 99 Resp: 1371088

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

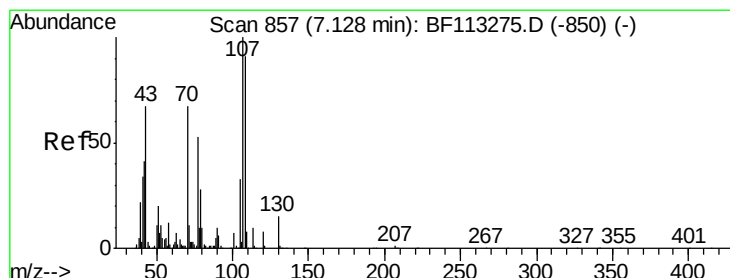
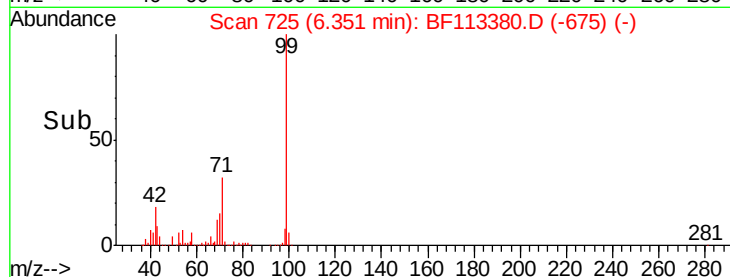
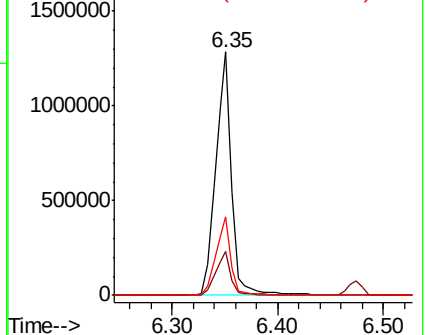
71 32.0 24.9 37.3



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: 12.895 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

Tgt Ion: 70 Resp: 107061

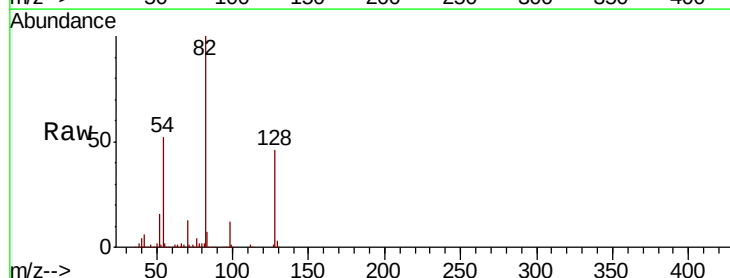
Ion Ratio Lower Upper

70 100

42 47.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

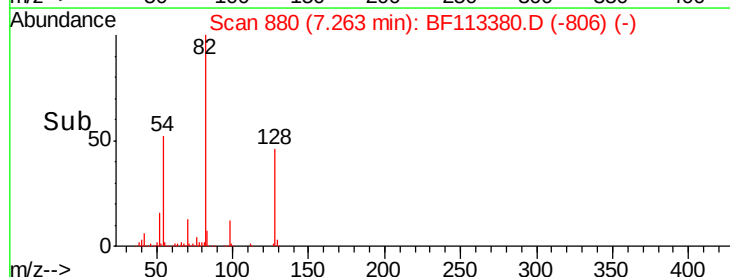
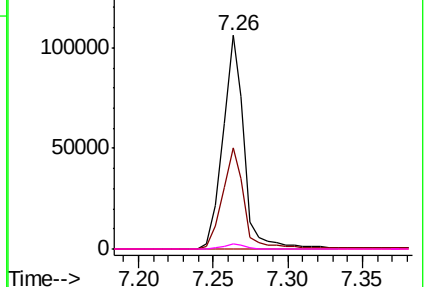


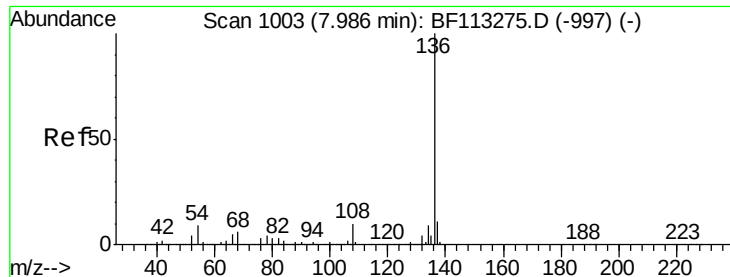
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

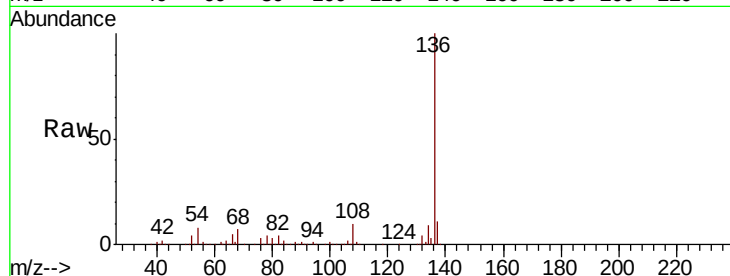




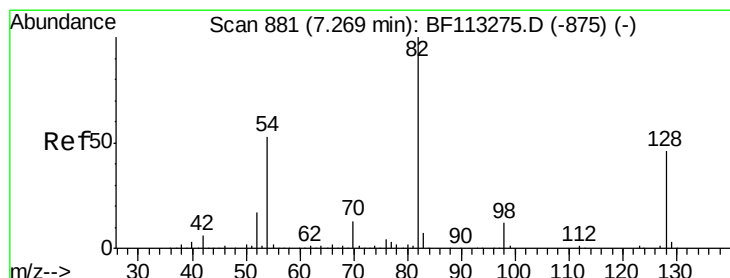
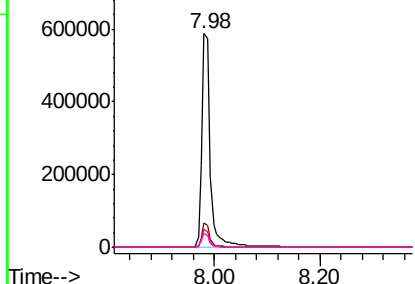
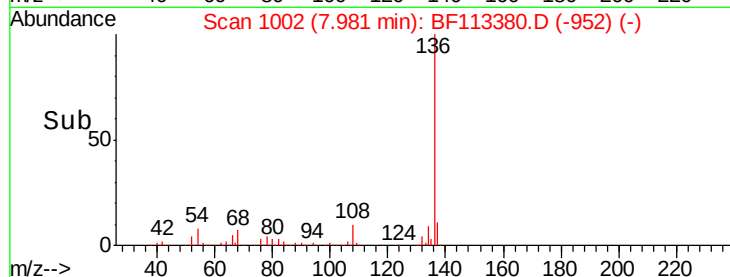
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113380.D
Acq: 28 Mar 2019 18:07

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:	136	Resp:	659762
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.0	10.6
68	6.5	4.8	7.2

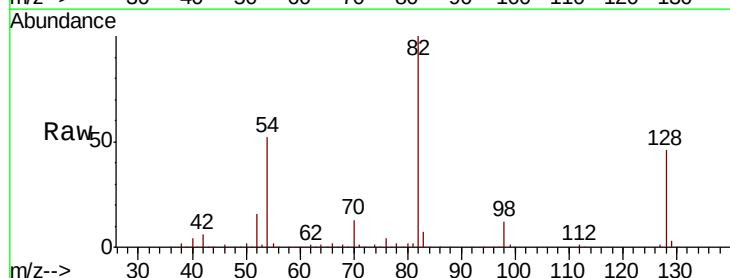


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

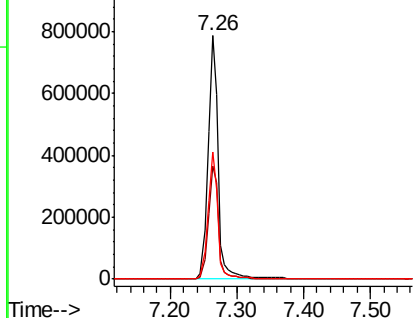
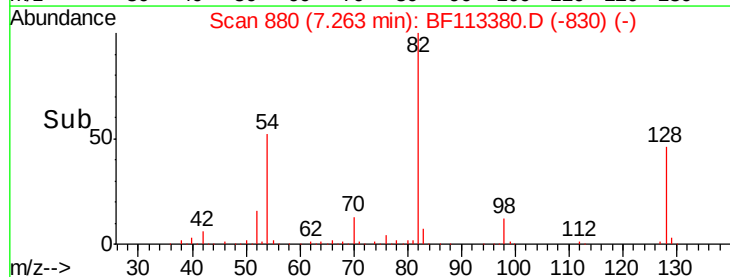


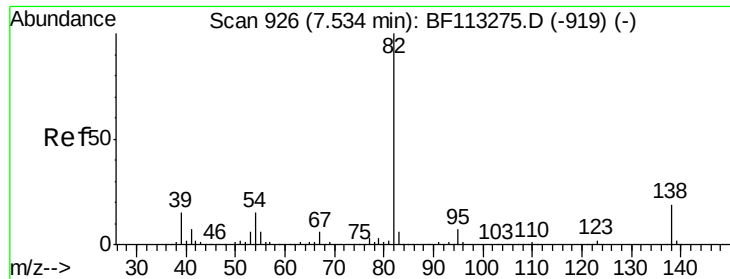
#23
Nitrobenzene-d5
Concen: 75.661 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113380.D
Acq: 28 Mar 2019 18:07

Tgt Ion:	82	Resp:	841021
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	52.3	42.2	63.2



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

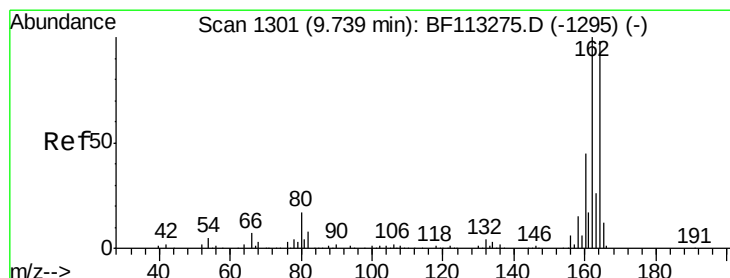
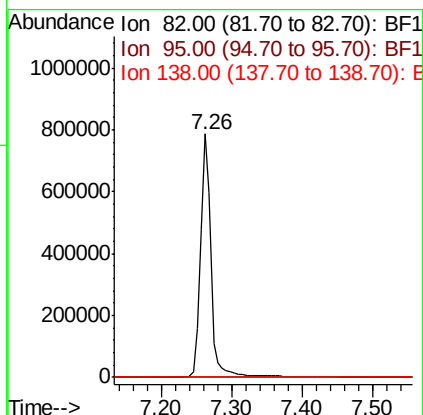
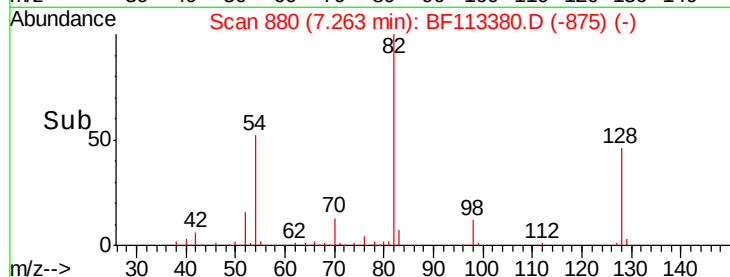
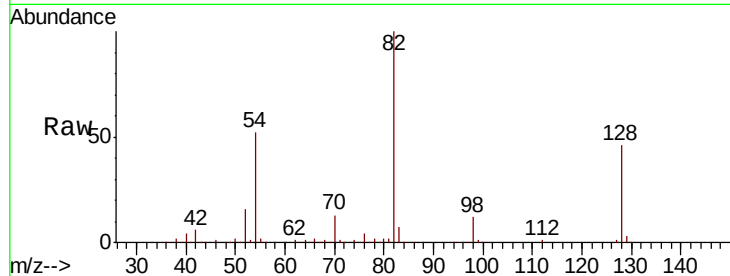




#25
Isophorone
Concen: 38.823 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113380.D
Acq: 28 Mar 2019 18:07

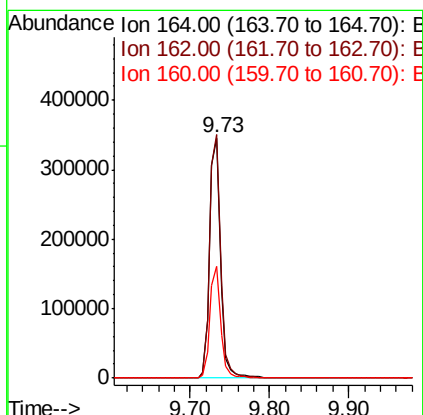
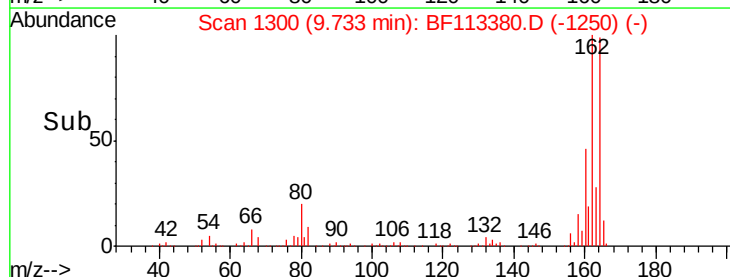
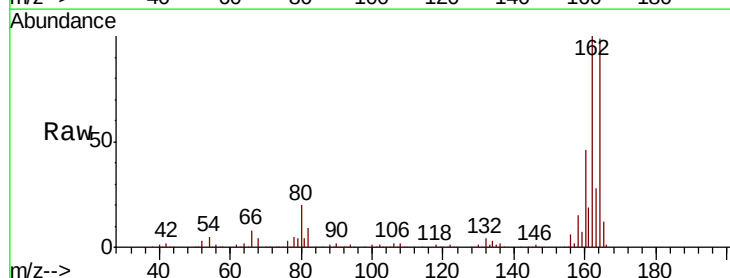
Instrument :
BNA_F
ClientSampled :
TP-8

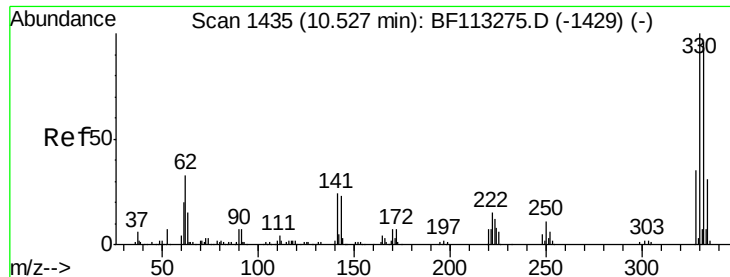
Tgt Ion: 82 Resp: 836323
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113380.D
Acq: 28 Mar 2019 18:07

Tgt Ion: 164 Resp: 330596
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 46.4 36.4 54.6

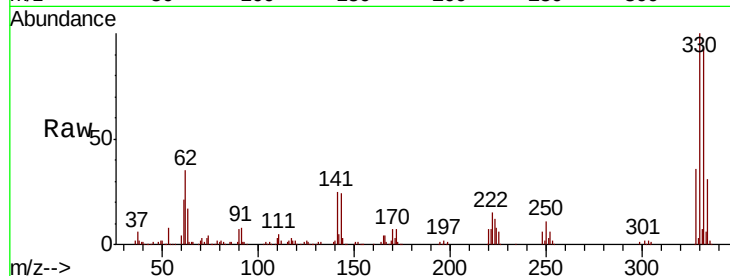




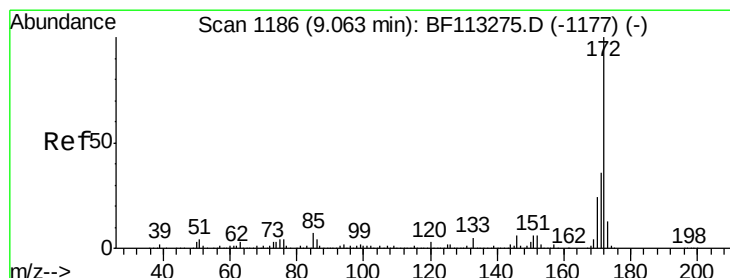
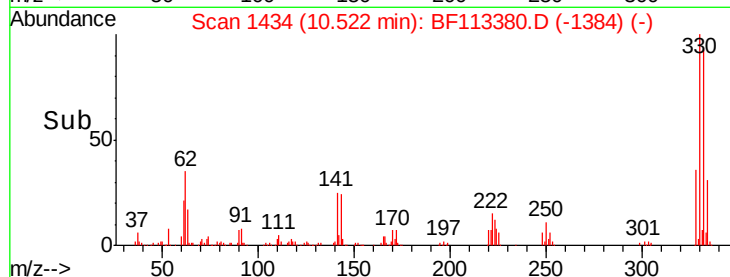
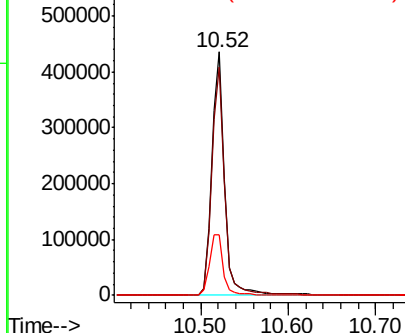
#42
 2,4,6-Tribromophenol
 Concen: 108.700 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Instrument :
 BNA_F
 ClientSampled :
 TP-8

Tgt Ion:330 Resp: 443890
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.4 22.7 34.1

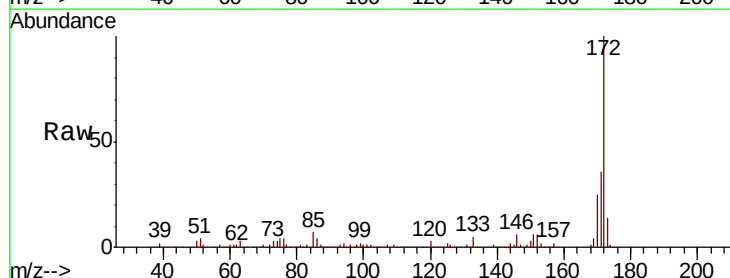


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

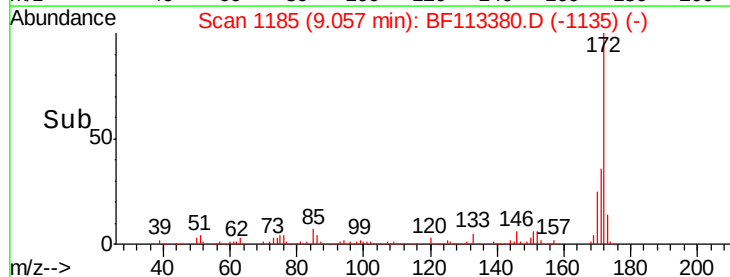
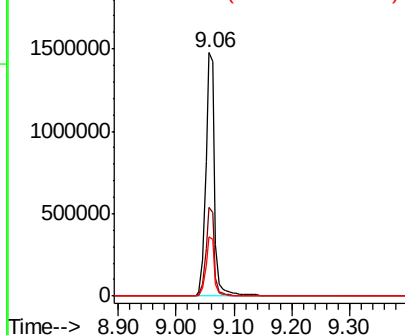


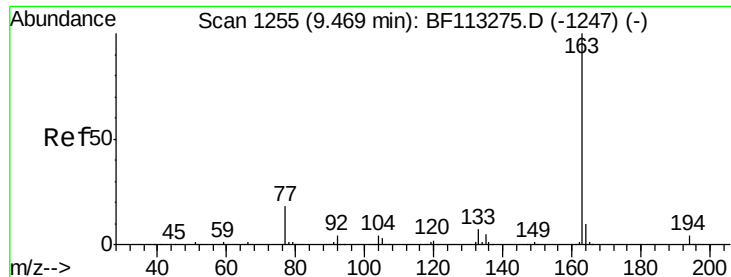
#45
 2-Fluorobiphenyl
 Concen: 74.675 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion:172 Resp: 1620269
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 19.5 29.3



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

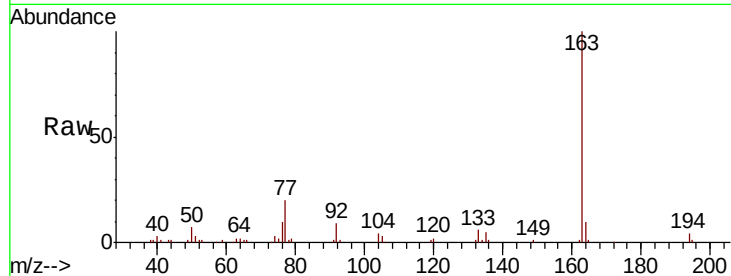




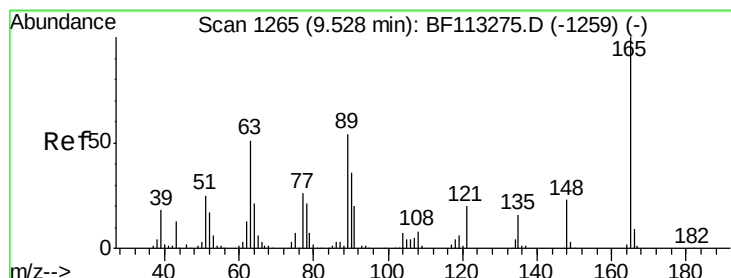
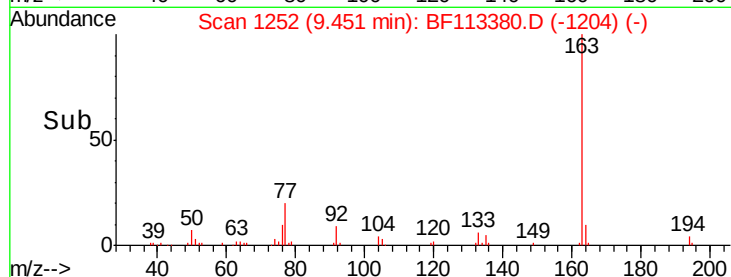
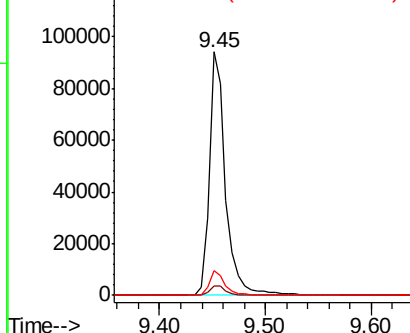
#50
 Dimethylphthalate
 Concen: 4.099 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Instrument :
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 TP-8

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.1	12.1

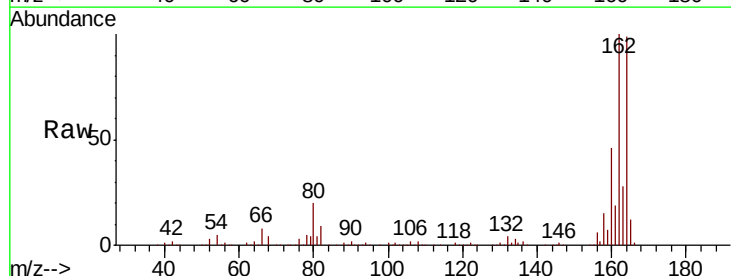


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

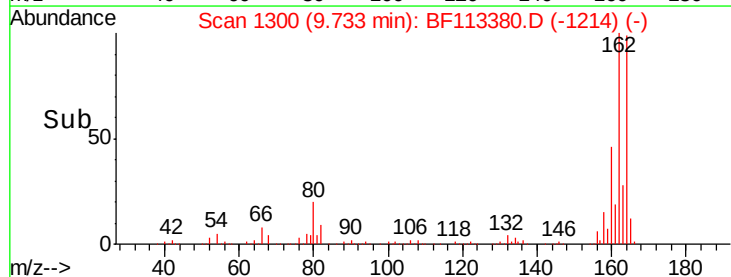
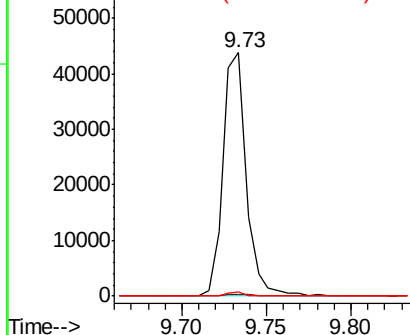


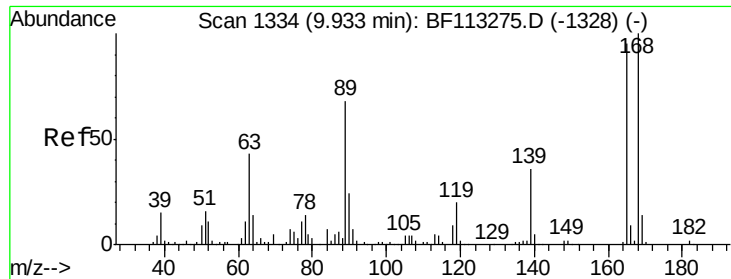
#51
 2,6-Dinitrotoluene
 Concen: 7.609 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	43.4	65.0#
89	1.9	43.1	64.7#



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

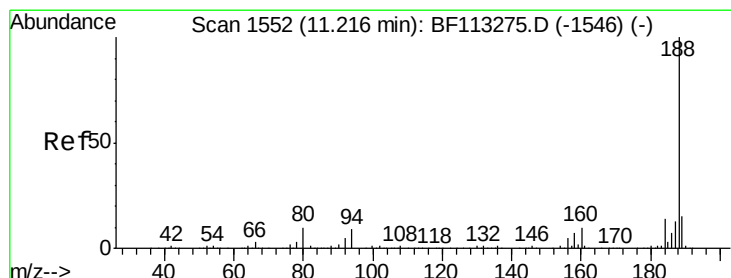
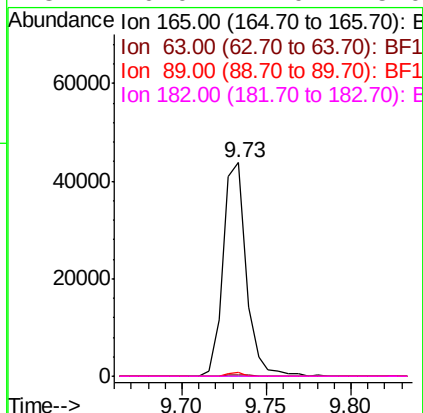
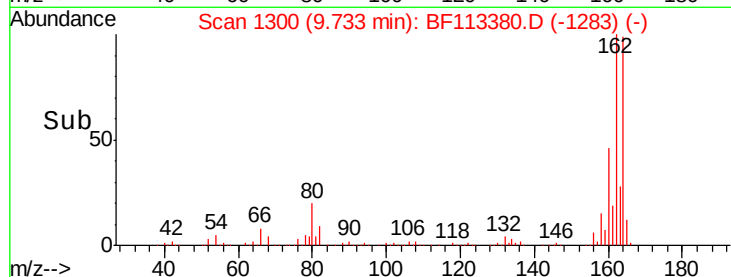
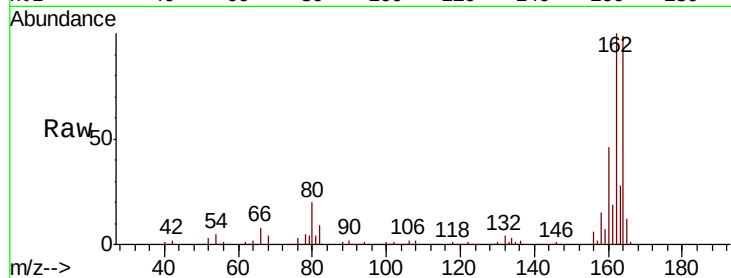




#57
 2,4-Dinitrotoluene
 Concen: 5.984 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

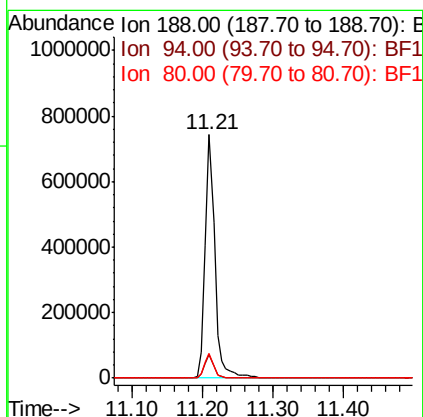
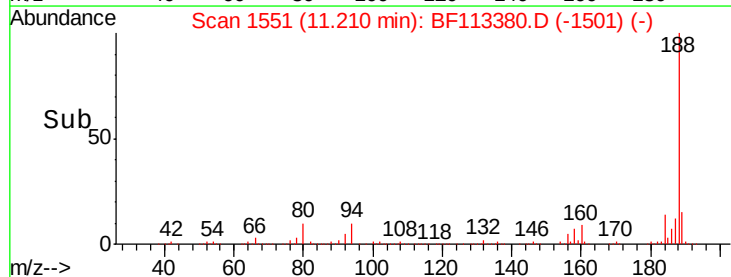
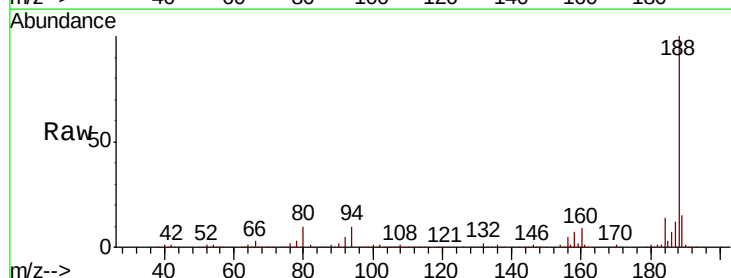
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 TP-8

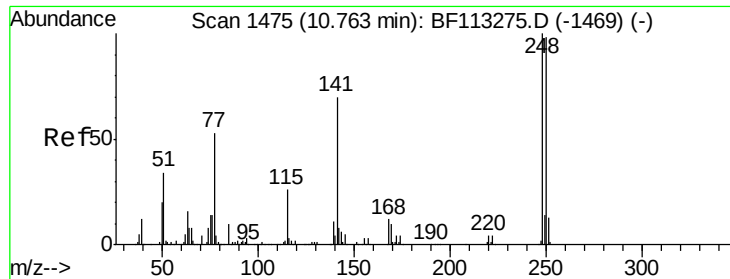
Tgt Ion:165 Resp: 42057
 Ion Ratio Lower Upper
 165 100
 63 0.9 37.5 56.3#
 89 1.9 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion:188 Resp: 709424
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.6
 80 10.2 7.7 11.5

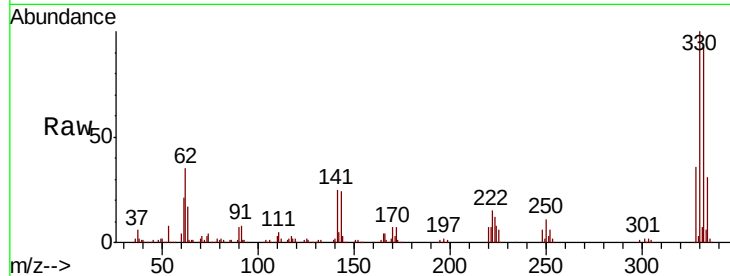




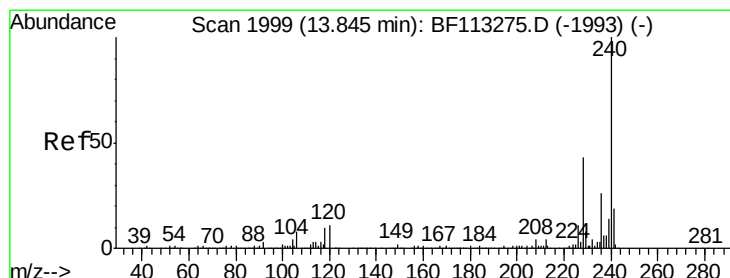
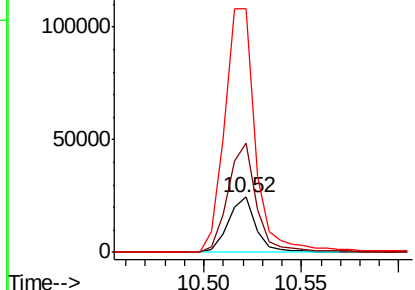
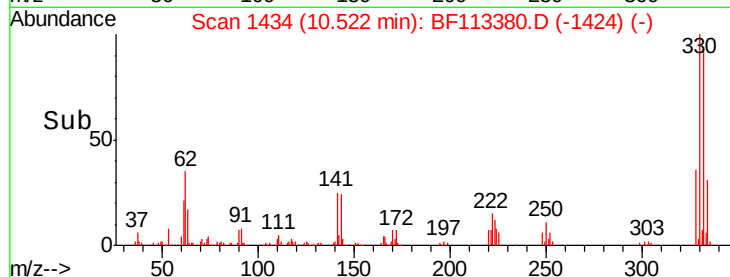
#67
 4-Bromophenyl-phenylether
 Concen: 3.147 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Instrument :
 BNA_F
 ClientSampled :
 TP-8

Tgt Ion:248 Resp: 24332
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.3 117.5#
 141 441.8 56.2 84.4#

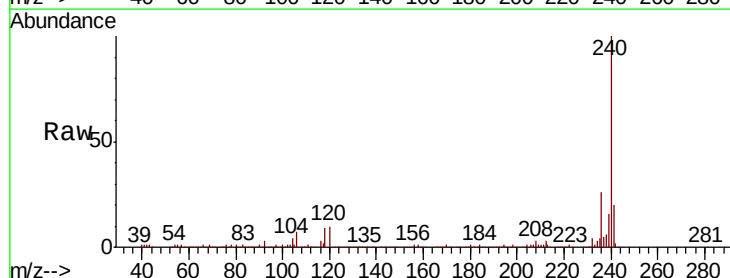


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

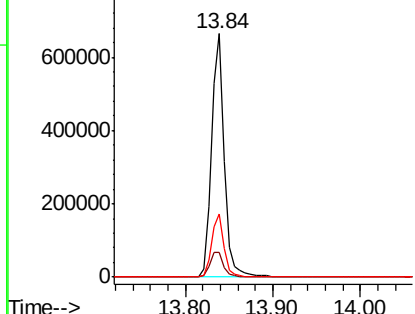
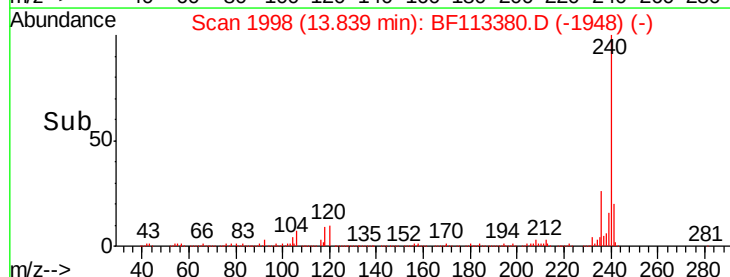


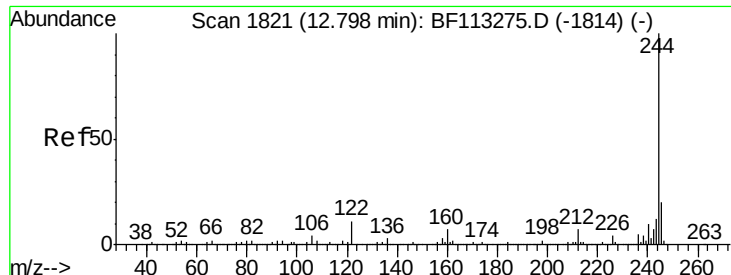
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion:240 Resp: 669309
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.8 13.2
 236 26.1 20.9 31.3



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

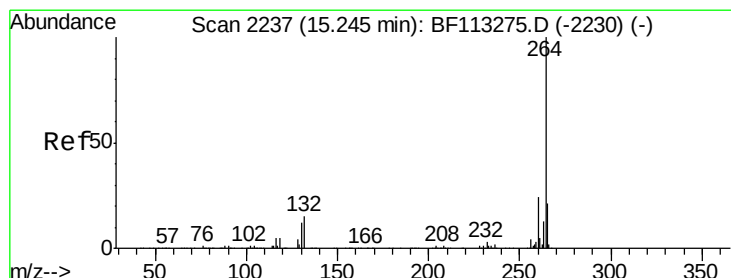
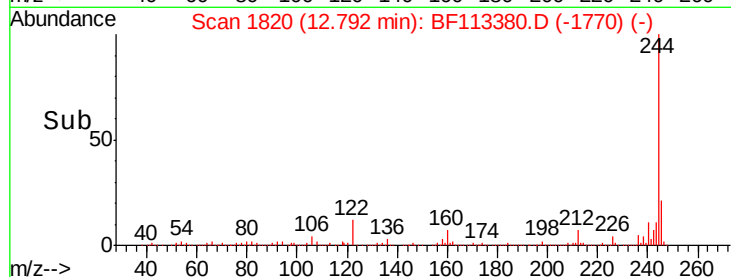
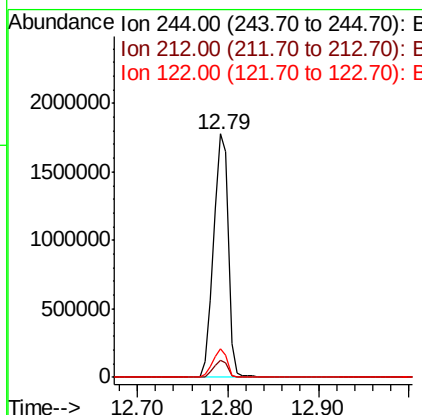
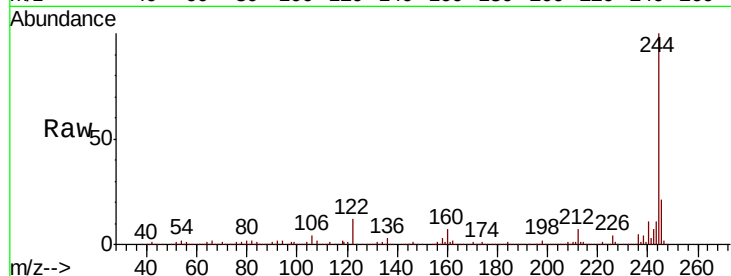




#79
 Terphenyl-d14
 Concen: 66.250 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 2011731
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion:264 Resp: 562669
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.9 17.1 25.7

