

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113515.D
 Acq On : 2 Apr 2019 19:45
 Operator : JU/SJ
 Sample : K2180-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6S

Quant Time: Apr 03 01:03:10 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

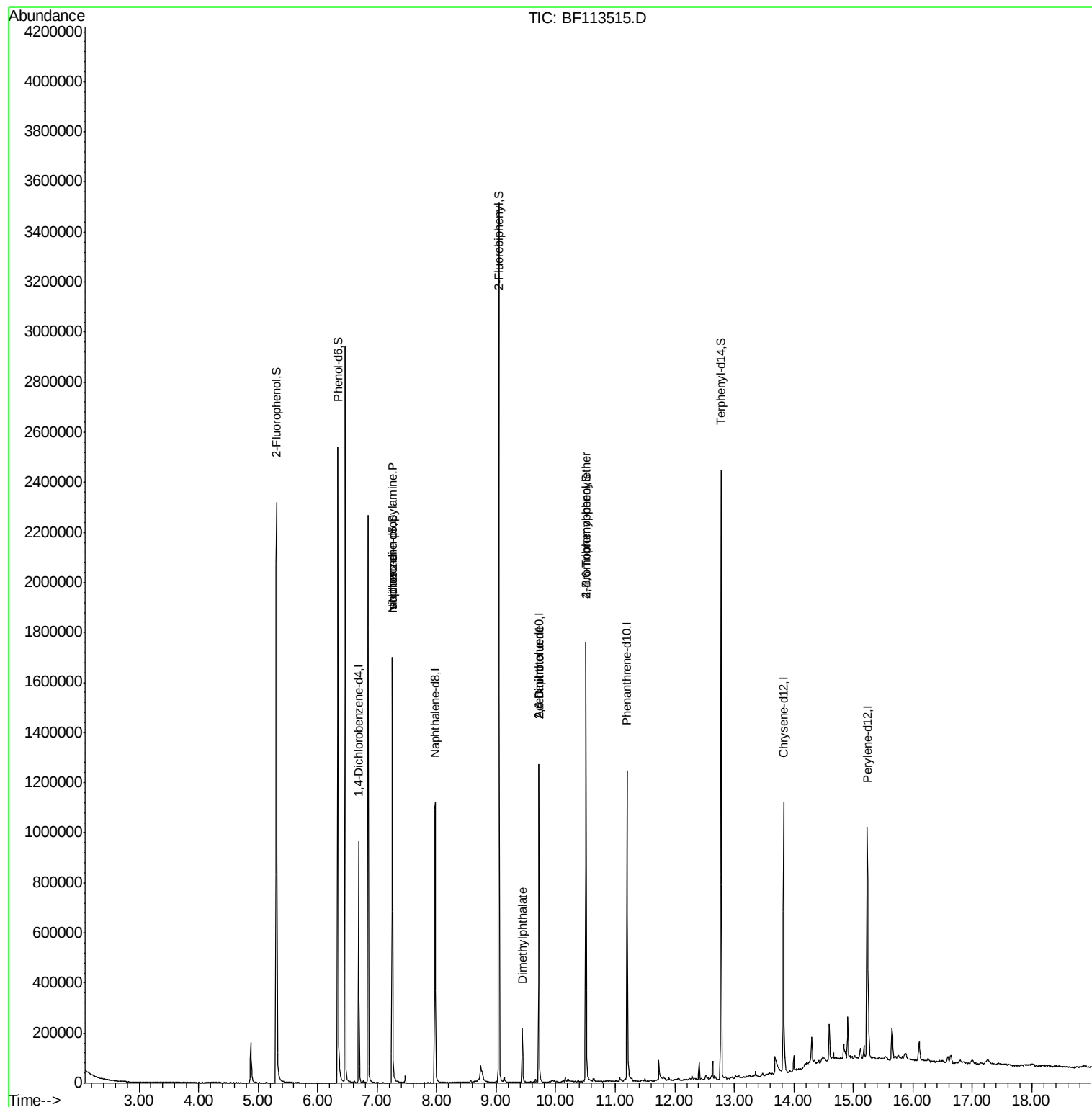
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151448	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	566808	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	262419	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	452048	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	364657	20.00	ng	-0.02
87) Perylene-d12	15.23	264	409545	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	732981	79.14	ng	0.00
7) Phenol-d6	6.34	99	966470	82.48	ng	-0.02
23) Nitrobenzene-d5	7.26	82	576039	60.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	249538	76.98	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1047459	56.69	ng	-0.02
79) Terphenyl-d14	12.78	244	873082	52.77	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	74178	10.079	ng	# 73
25) Isophorone	7.26	82	568844	30.737	ng	# 64
50) Dimethylphthalate	9.44	163	84774	4.359	ng	# 99
51) 2,6-Dinitrotoluene	9.72	165	33966	7.742	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	33966	6.088	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	13710	2.783	ng	# 1

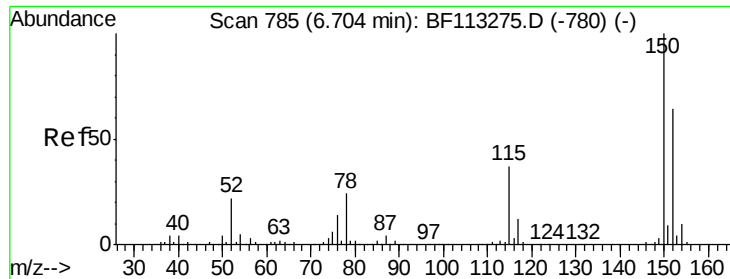
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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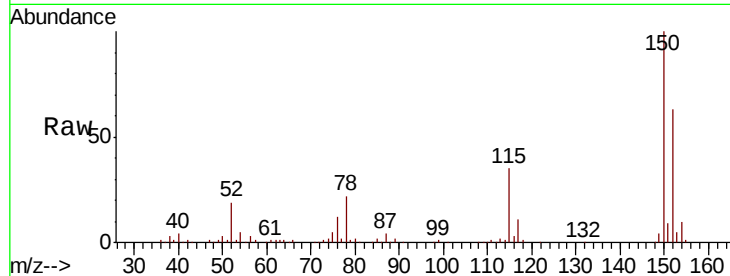


#1

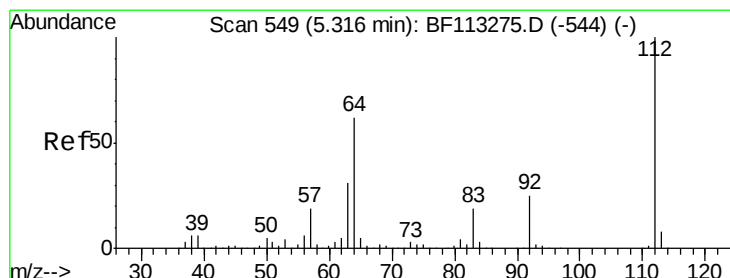
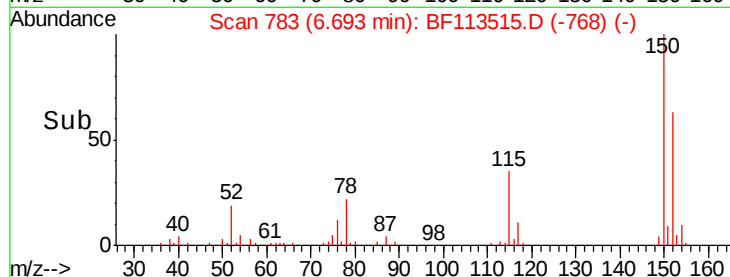
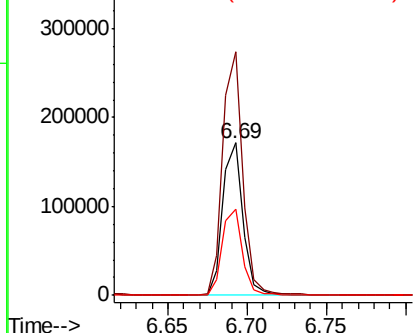
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113515.D
Acq: 2 Apr 2019 19:45

Instrument :
BNA_F
ClientSampleId :
TP-6S

Tgt Ion:152 Resp: 151448
Ion Ratio Lower Upper
152 100
150 159.8 124.7 187.1
115 56.4 46.0 69.0



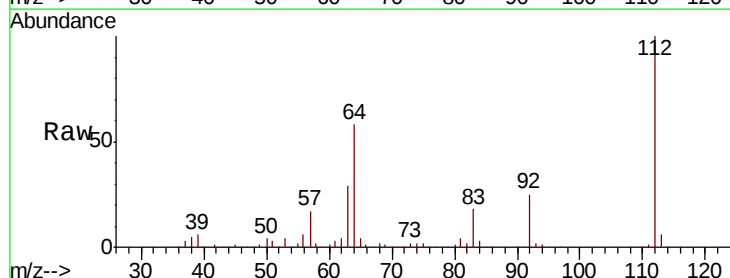
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



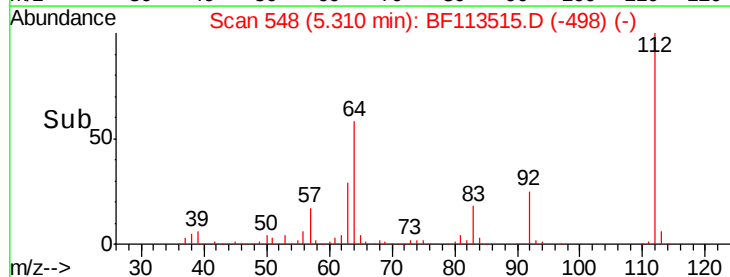
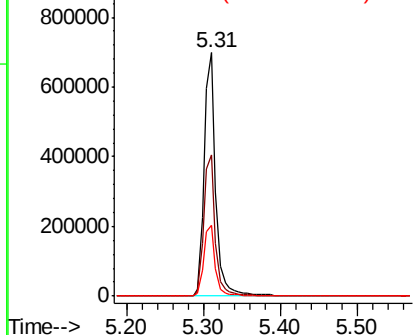
#5

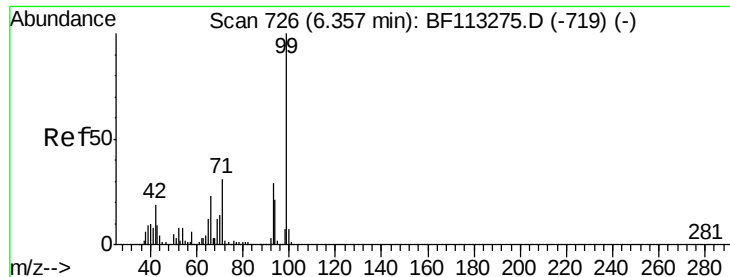
2-Fluorophenol
Concen: 79.137 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113515.D
Acq: 2 Apr 2019 19:45

Tgt Ion:112 Resp: 732981
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 29.1 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: 82.483 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF113515.D

Acq: 2 Apr 2019 19:45

Instrument :

BNA_F

ClientSampleId :

TP-6S

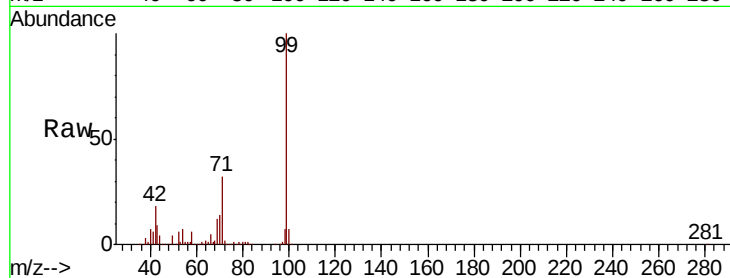
Tgt Ion: 99 Resp: 966470

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

71 31.6 24.9 37.3

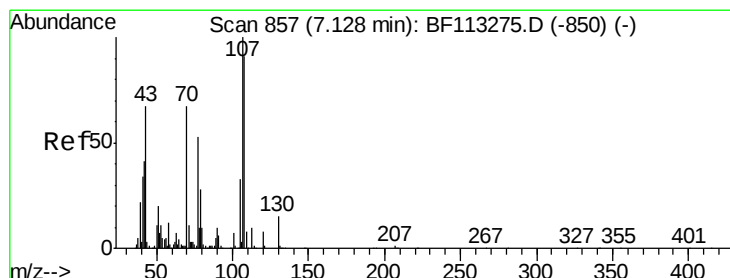
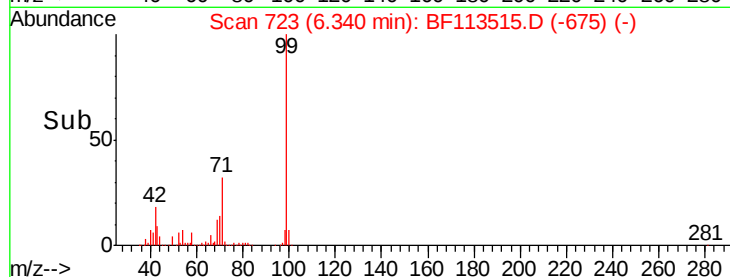
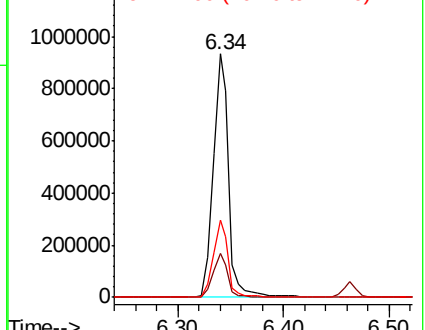


Abundance

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: 10.079 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113515.D

Acq: 2 Apr 2019 19:45

Tgt Ion: 70 Resp: 74178

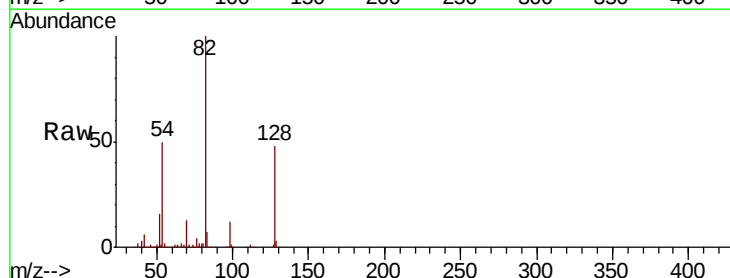
Ion Ratio Lower Upper

70 100

42 44.6 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#



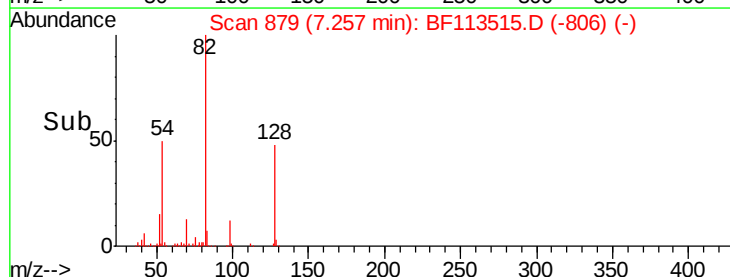
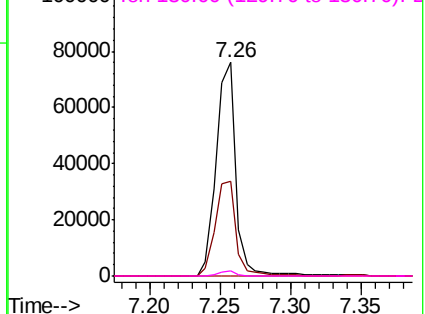
Abundance

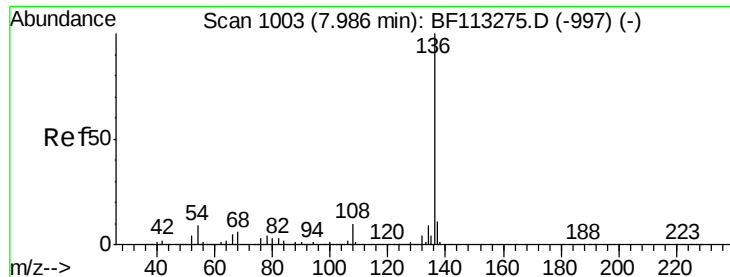
Ion 70.00 (69.70 to 70.70): BF1

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

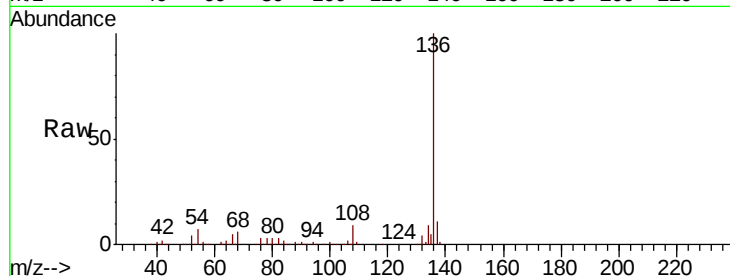




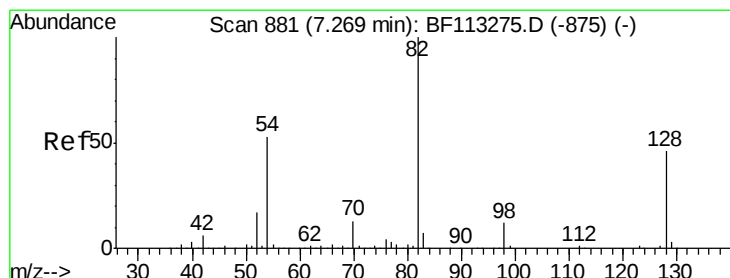
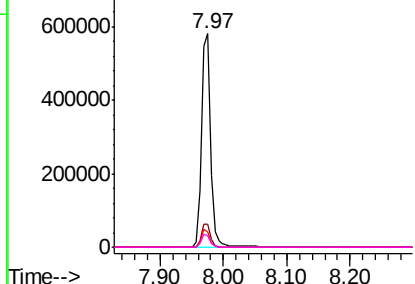
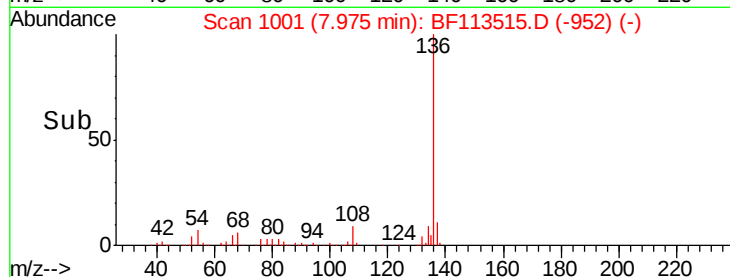
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113515.D
Acq: 2 Apr 2019 19:45

Instrument :
BNA_F
ClientSampleId :
TP-6S

Tgt Ion:	136	Resp:	566808
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	7.0	10.6
68	5.7	4.8	7.2

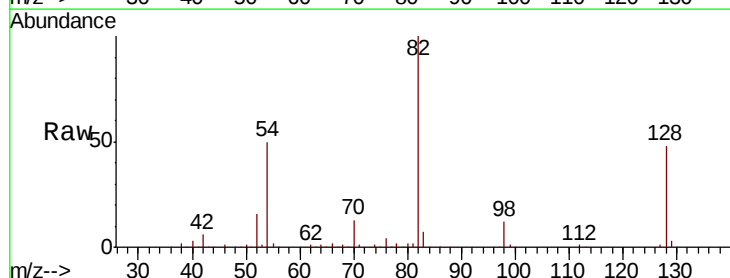


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

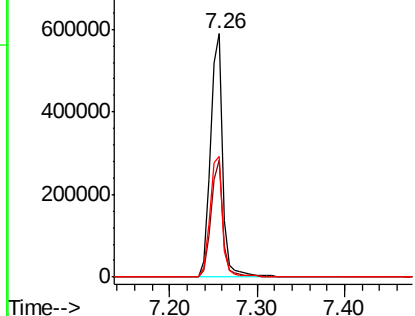
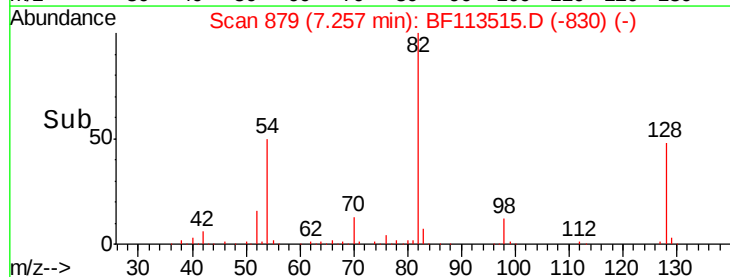


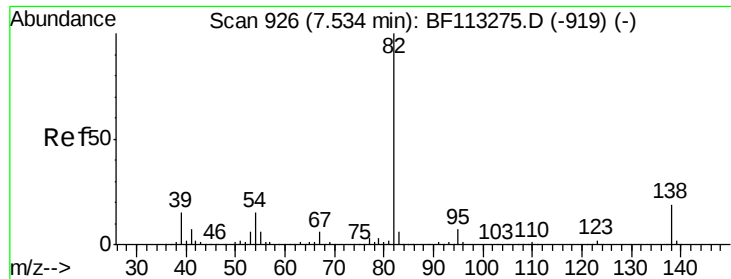
#23
Nitrobenzene-d5
Concen: 60.321 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113515.D
Acq: 2 Apr 2019 19:45

Tgt Ion:	82	Resp:	576039
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.5	54.7
54	49.6	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: 30.737 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113515.D

Acq: 2 Apr 2019 19:45

Instrument :

BNA_F

ClientSampleId :

TP-6S

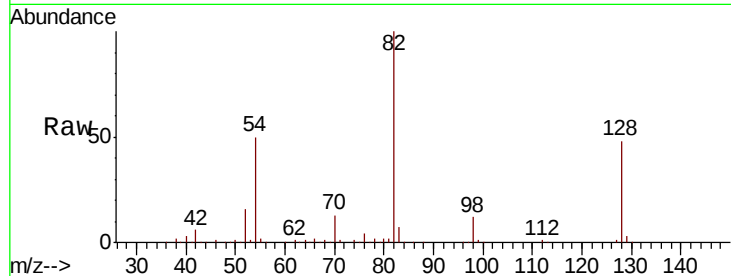
Tgt Ion: 82 Resp: 568844

Ion Ratio Lower Upper

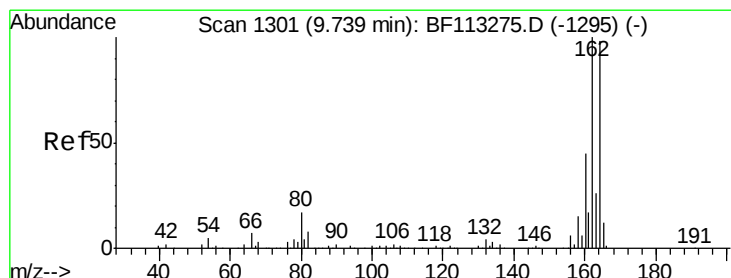
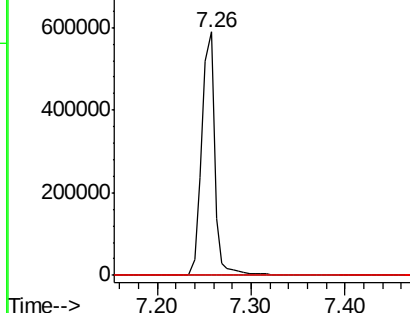
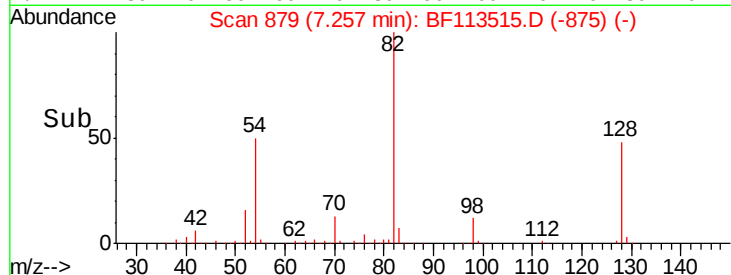
82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



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: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF113515.D

Acq: 2 Apr 2019 19:45

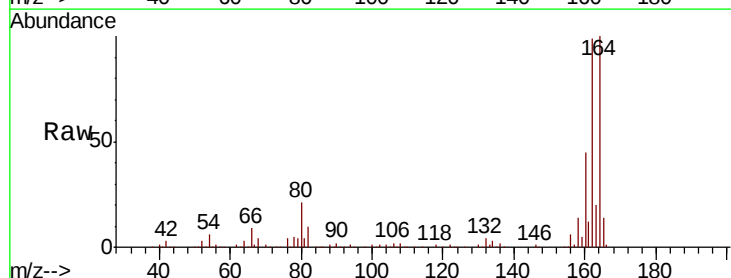
Tgt Ion: 164 Resp: 262419

Ion Ratio Lower Upper

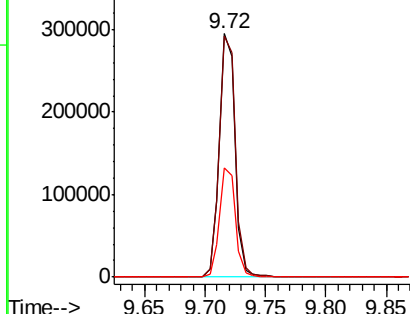
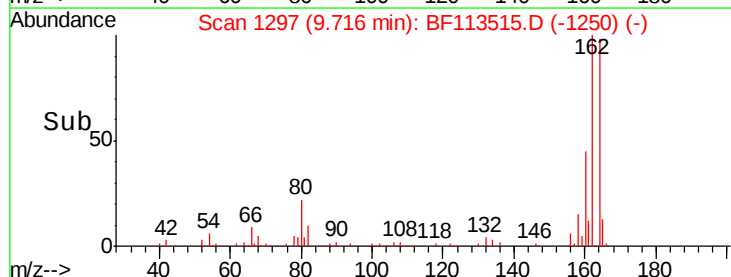
164 100

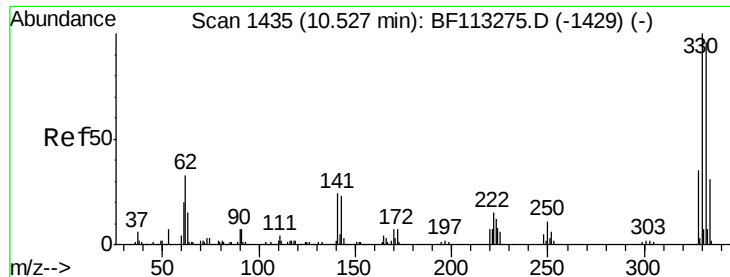
162 98.9 81.8 122.6

160 44.8 36.4 54.6



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

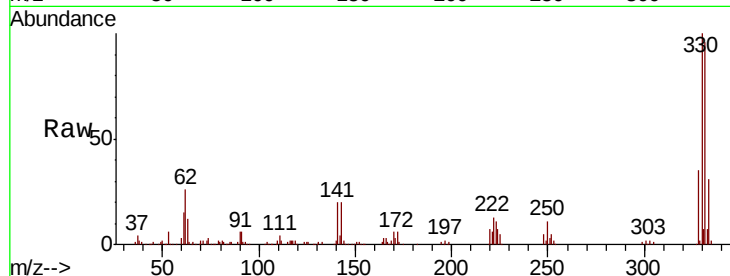




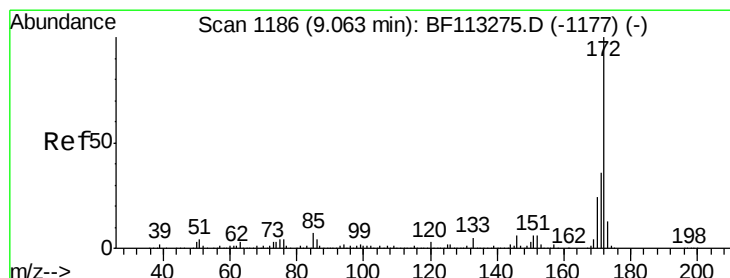
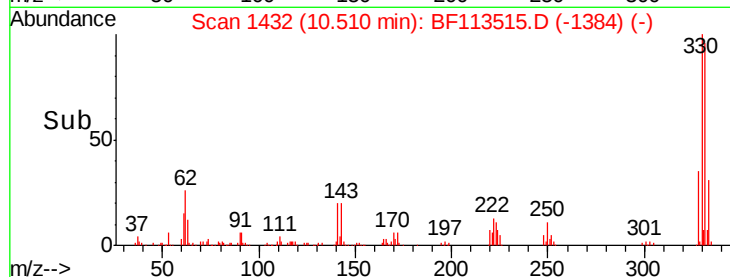
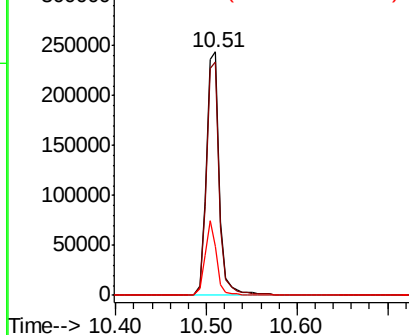
#42
 2,4,6-Tribromophenol
 Concen: 76.983 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113515.D
 Acq: 2 Apr 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-6S

Tgt Ion:330 Resp: 249538
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.3 22.7 34.1

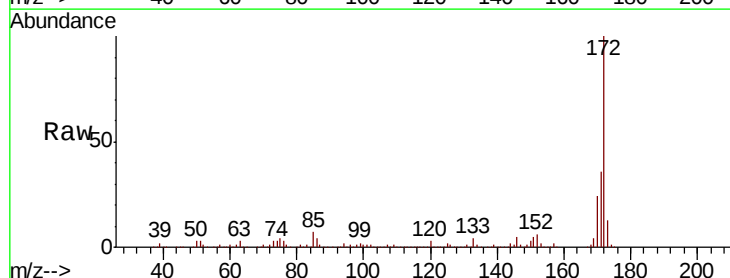


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

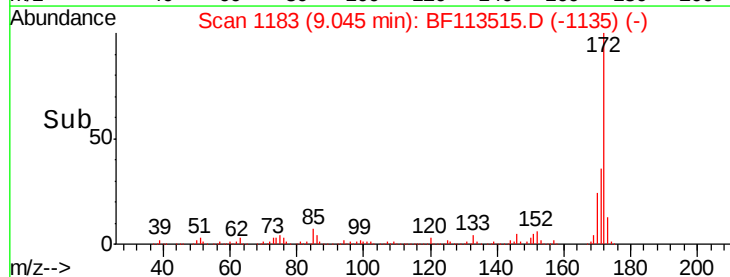
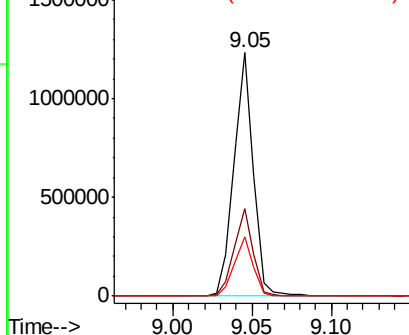


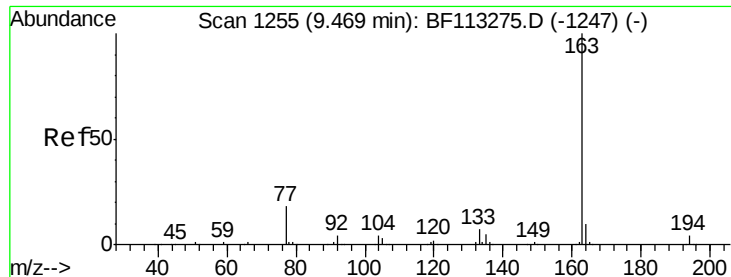
#45
 2-Fluorobiphenyl
 Concen: 56.687 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113515.D
 Acq: 2 Apr 2019 19:45

Tgt Ion:172 Resp: 1047459
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 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

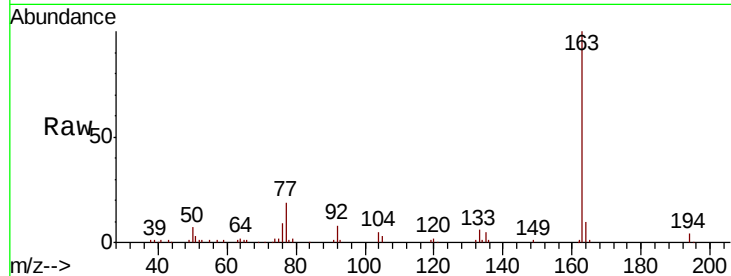




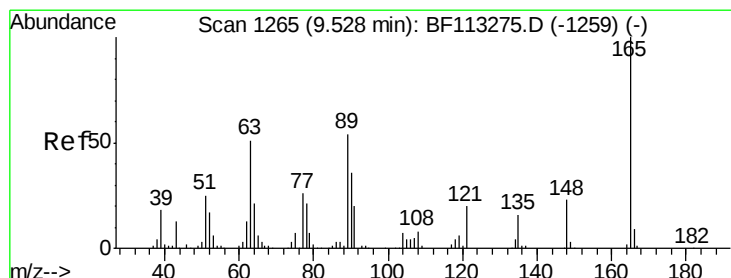
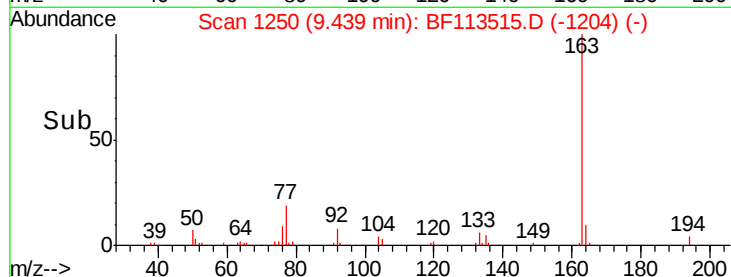
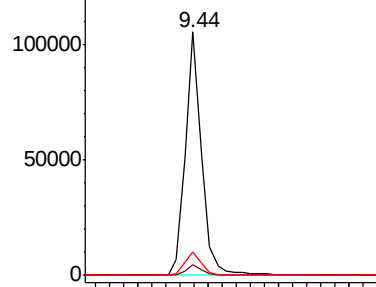
#50
Dimethylphthalate
Concen: 4.359 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113515.D
Acq: 2 Apr 2019 19:45

Instrument :
BNA_F
ClientSampled :
TP-6S

Tgt Ion:163 Resp: 84774
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.8 8.1 12.1

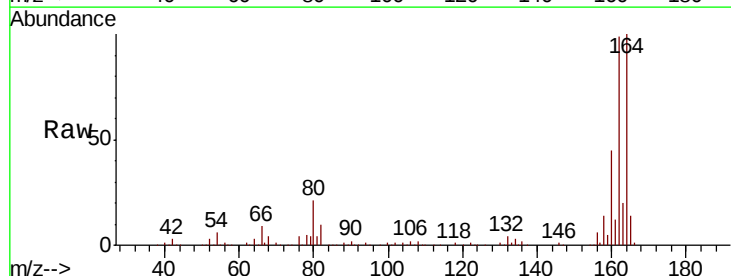


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

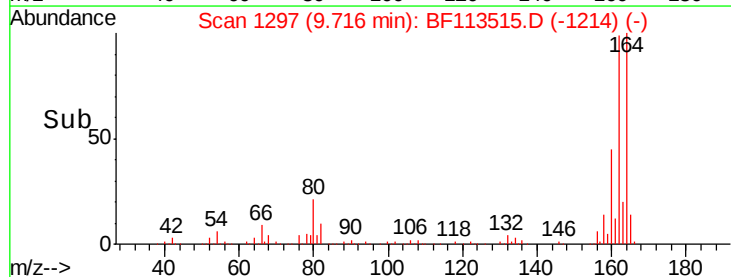
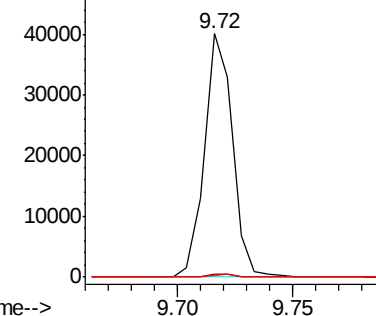


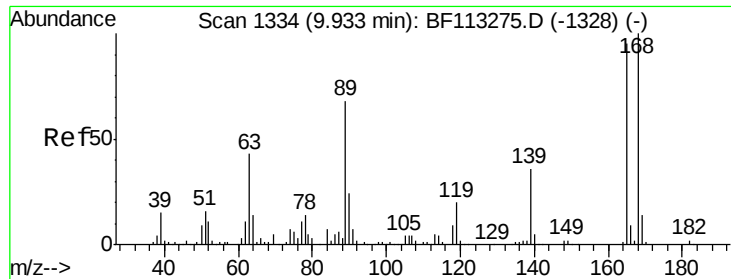
#51
2,6-Dinitrotoluene
Concen: 7.742 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.19 min
Lab File: BF113515.D
Acq: 2 Apr 2019 19:45

Tgt Ion:165 Resp: 33966
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 1.0 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

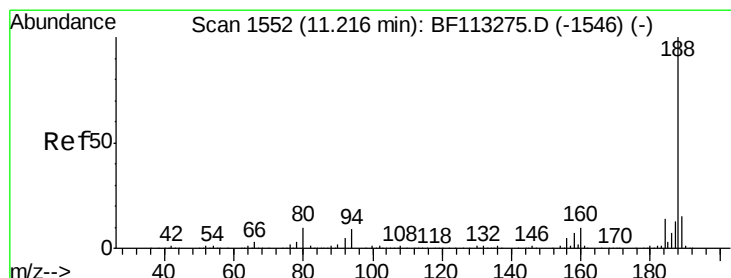
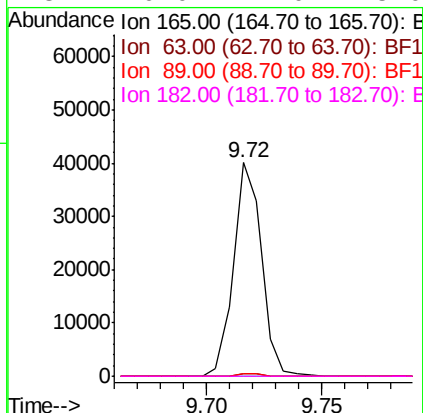
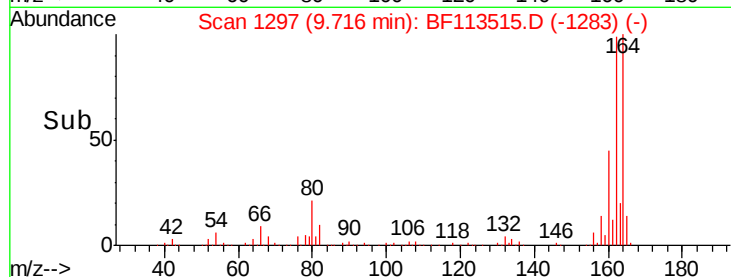
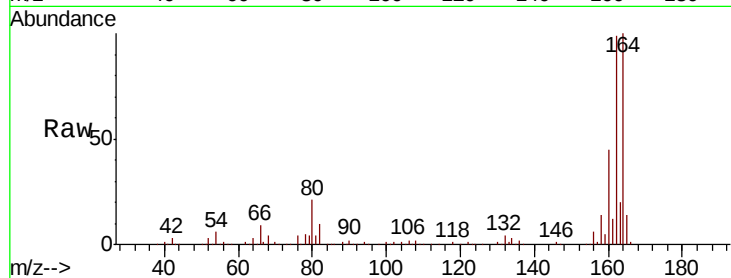




#57
 2,4-Dinitrotoluene
 Concen: 6.088 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF113515.D
 Acq: 2 Apr 2019 19:45

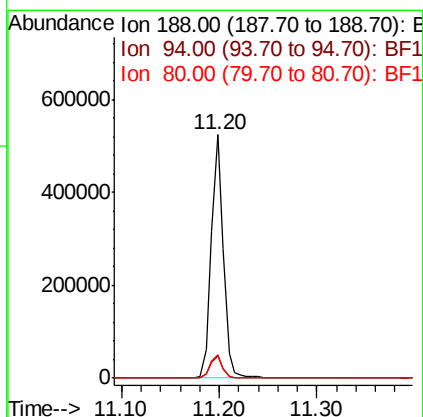
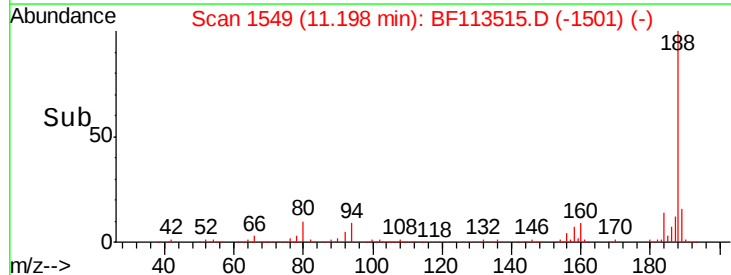
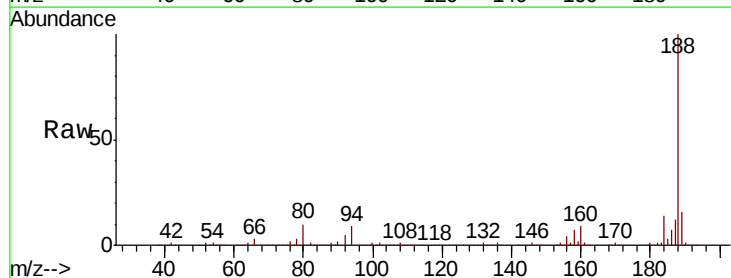
Instrument :
 BNA_F
 ClientSampleId :
 TP-6S

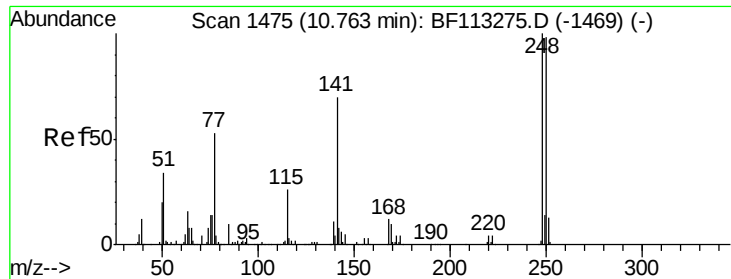
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.0	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113515.D
 Acq: 2 Apr 2019 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.7	7.7	11.5

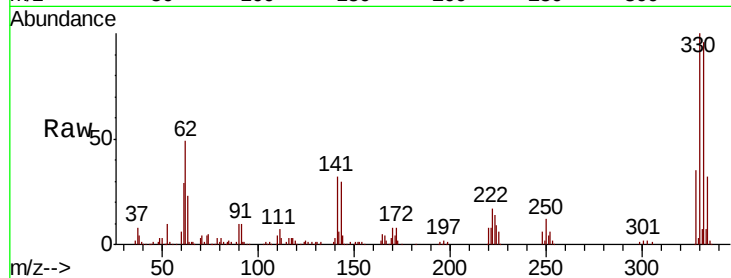




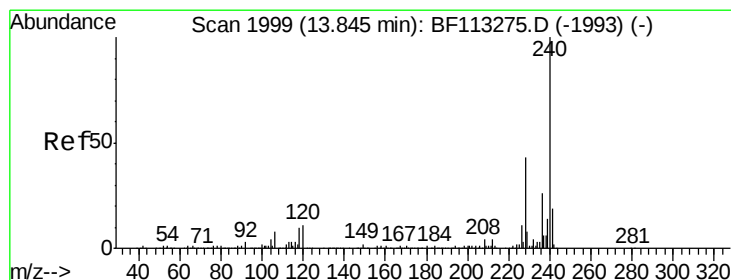
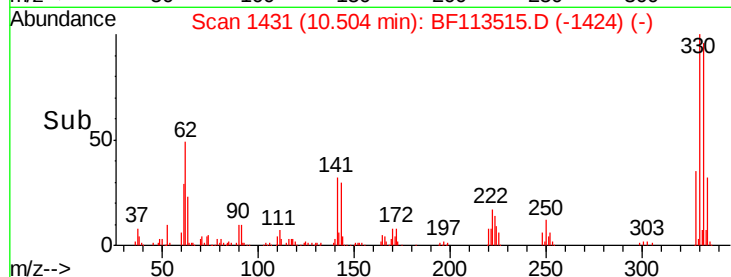
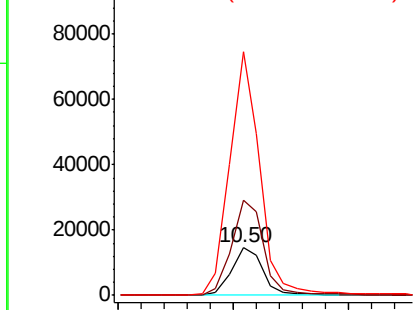
#67
 4-Bromophenyl-phenylether
 Concen: 2.783 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.26 min
 Lab File: BF113515.D
 Acq: 2 Apr 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-6S

Tgt Ion:248 Resp: 13710
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.3 117.5#
 141 514.1 56.2 84.4#

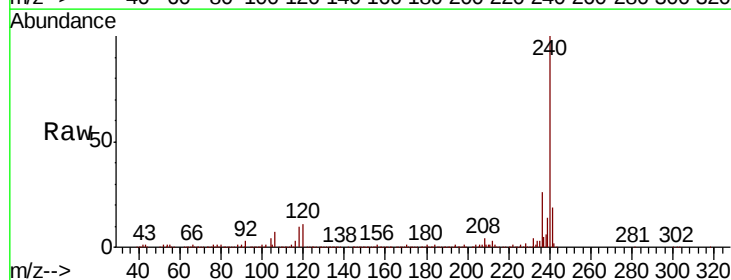


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

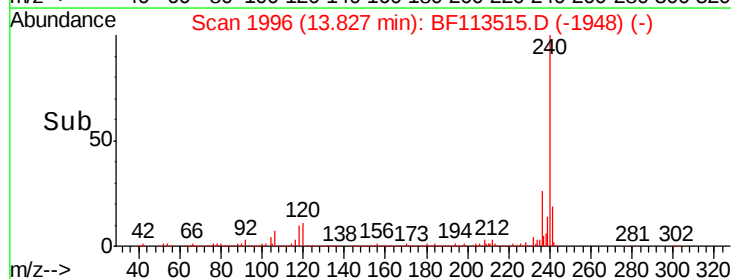
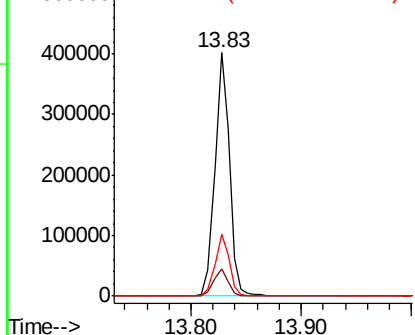


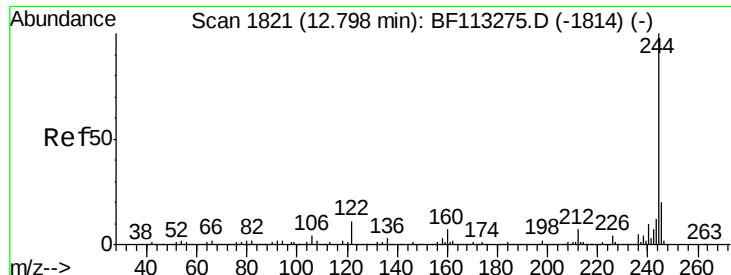
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113515.D
 Acq: 2 Apr 2019 19:45

Tgt Ion:240 Resp: 364657
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.8 13.2
 236 25.5 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: 52.773 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113515.D

Acq: 2 Apr 2019 19:45

Instrument :

BNA_F

ClientSampleId :

TP-6S

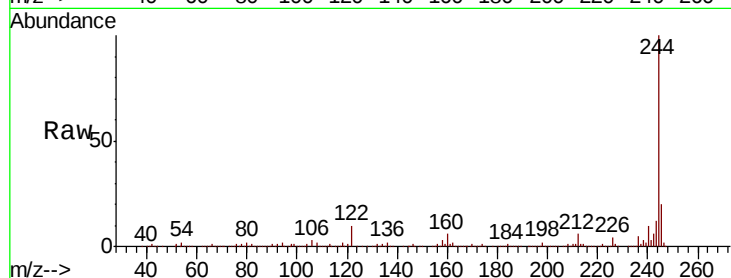
Tgt Ion:244 Resp: 873082

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

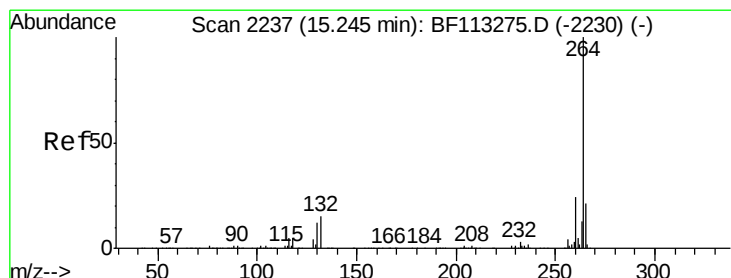
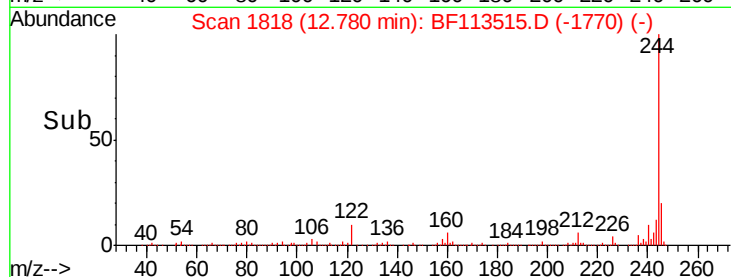
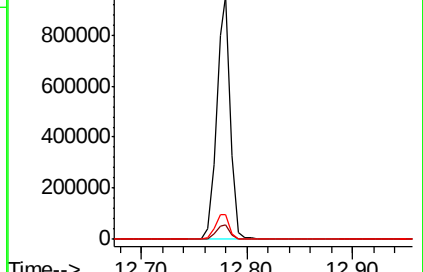
122 9.9 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113515.D

Acq: 2 Apr 2019 19:45

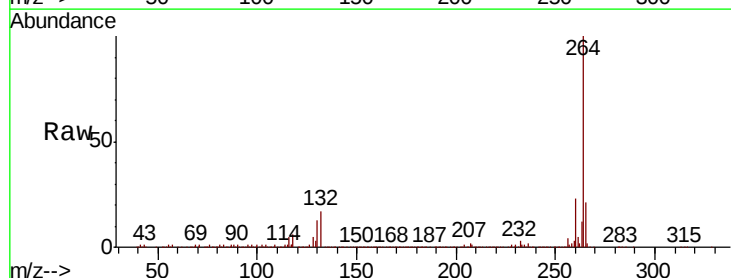
Tgt Ion:264 Resp: 409545

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.1 17.1 25.7



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

