

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113994.D
 Acq On : 25 Apr 2019 22:39
 Operator : JU/SJ
 Sample : K2522-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 04:02:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

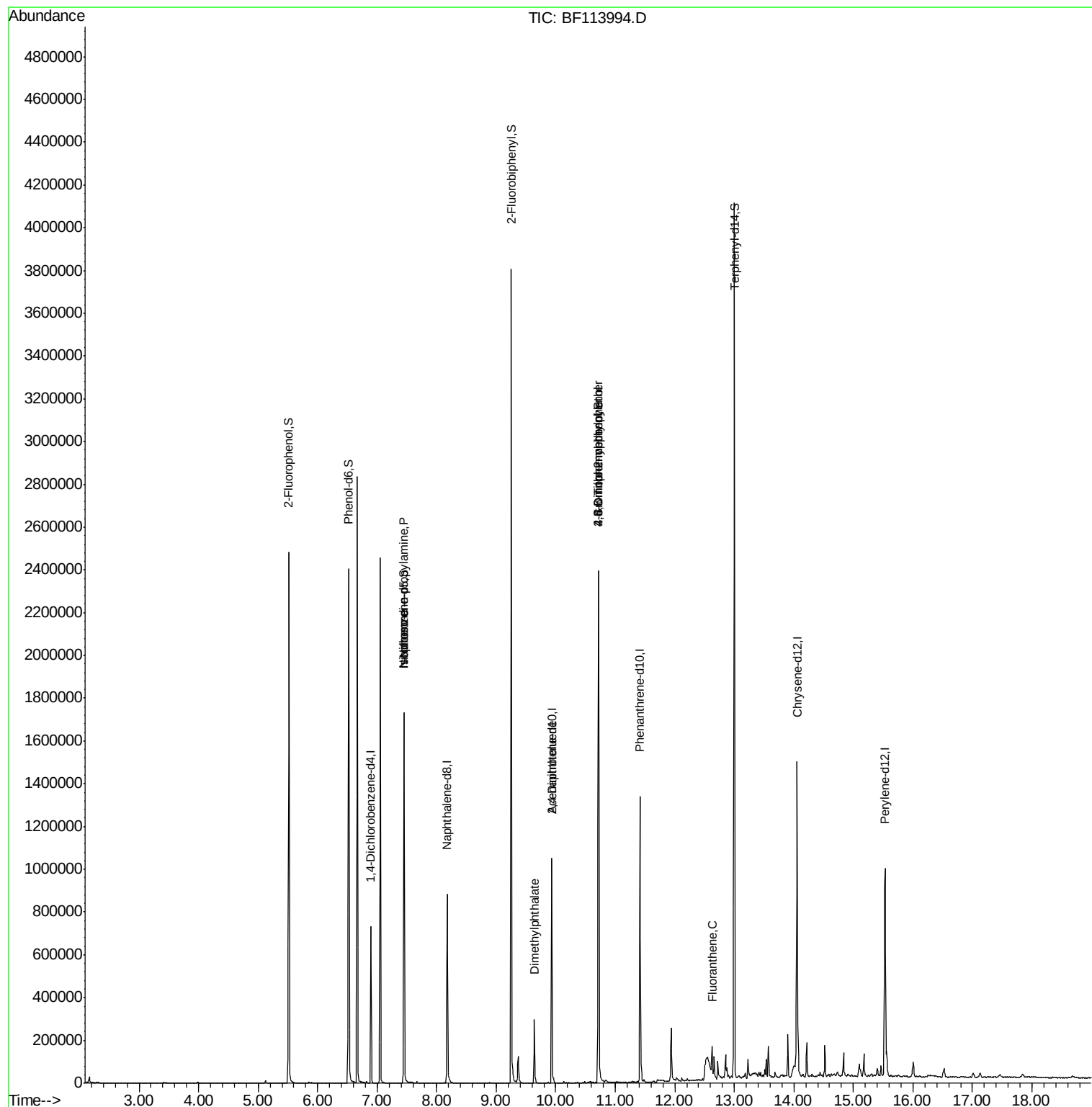
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110499	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	420876	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	226254	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	486233	20.00	ng	0.00
76) Chrysene-d12	14.05	240	466183	20.00	ng	-0.02
87) Perylene-d12	15.53	264	486123	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	790832	122.41	ng	0.00
7) Phenol-d6	6.52	99	1035625	127.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	616385	90.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	373278	135.43	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1190976	82.33	ng	0.00
79) Terphenyl-d14	13.00	244	1604478	70.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	18568	Below Cal		87
19) n-Nitroso-di-n-propylamine	7.45	70	81638	15.553 ng	#	77
25) Isophorone	7.45	82	616373	44.192 ng	#	65
50) Dimethylphthalate	9.64	163	138484	8.463 ng		99
57) 2,4-Dinitrotoluene	9.93	165	28792	6.498 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	657	7.558 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	23617	4.021 ng	#	1
75) Fluoranthene	12.63	202	55114	2.067 ng		96

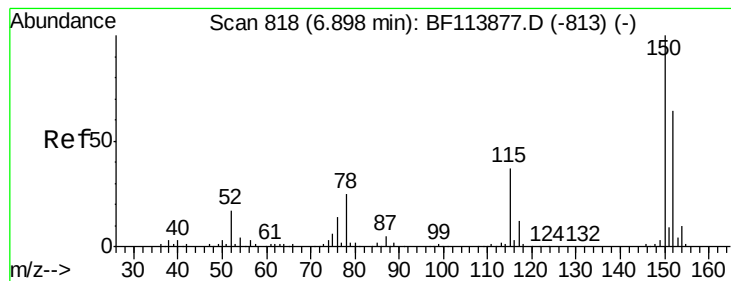
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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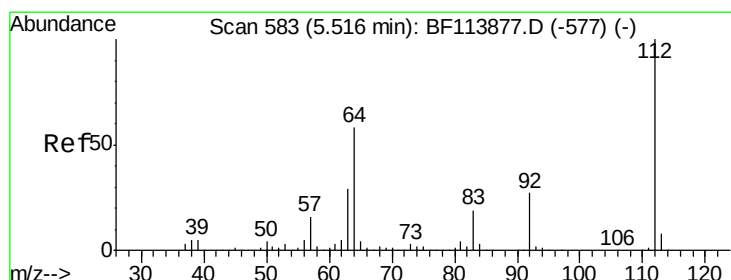
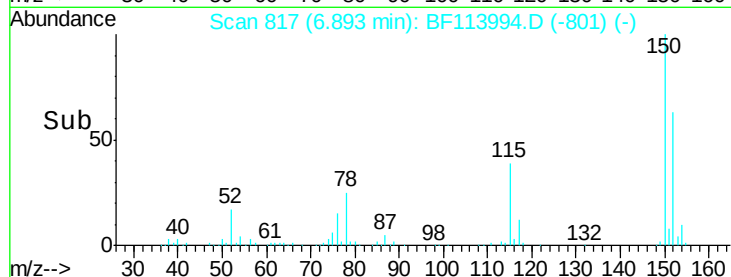
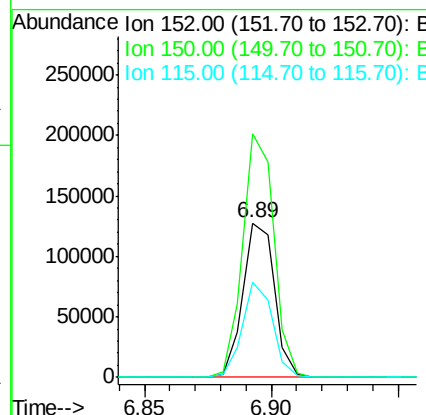
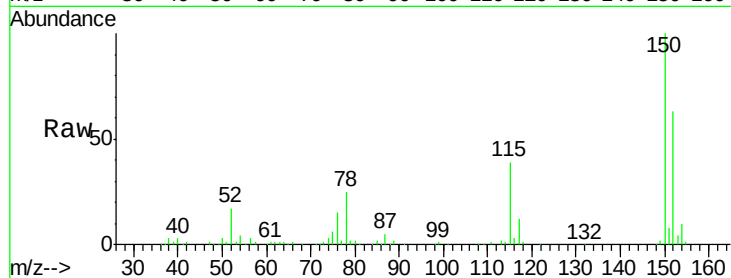




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113994.D
 Acq: 25 Apr 2019 22:39

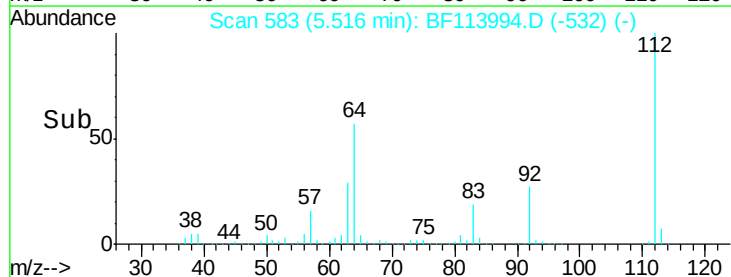
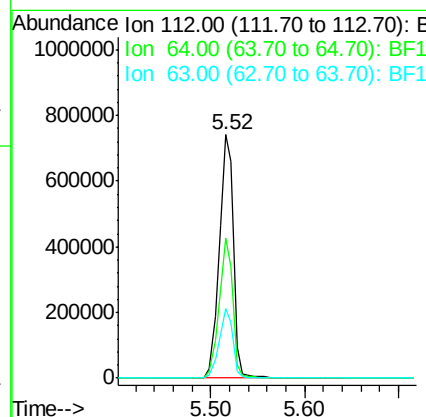
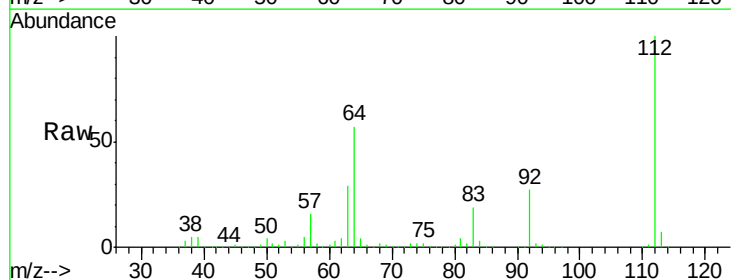
Instrument :
 BNA_F
 ClientSampleId :

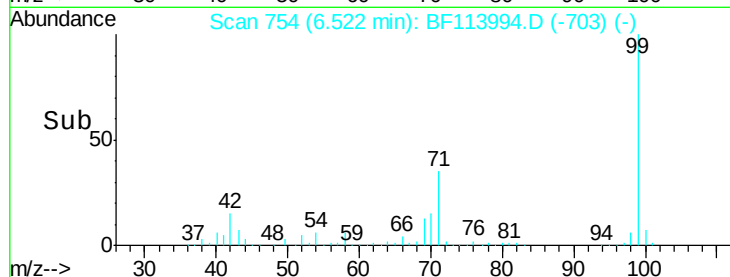
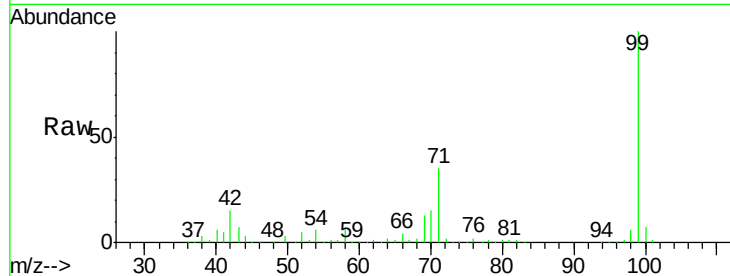
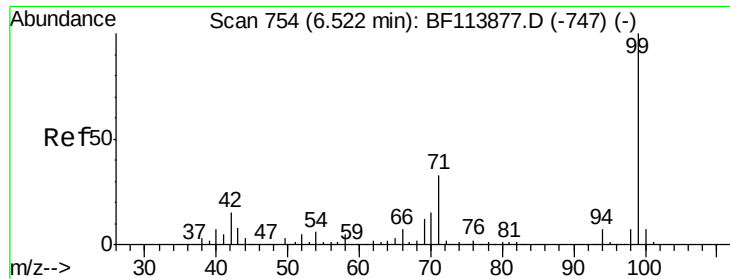
Tot Ion:152 Resp: 110499
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.9 188.9
 115 61.7 45.9 68.9



#5
 2-Fluorophenol
 Concen: 122.409 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF113994.D
 Acq: 25 Apr 2019 22:39

Tgt Ion:112 Resp: 790832
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.6 69.8
 63 28.5 23.1 34.7





#7

Phenol-d6

Concen: 127.767 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

Instrument :

BNA_F

ClientSampleId :

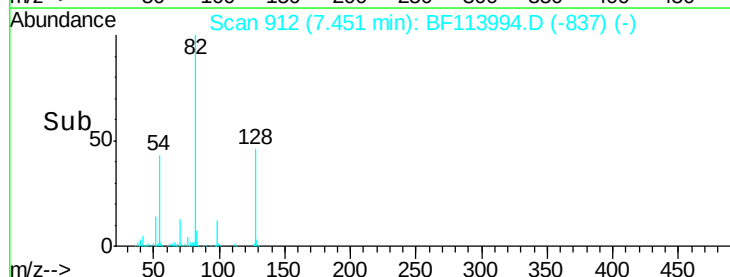
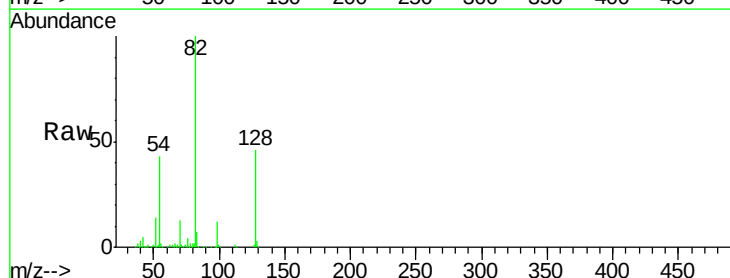
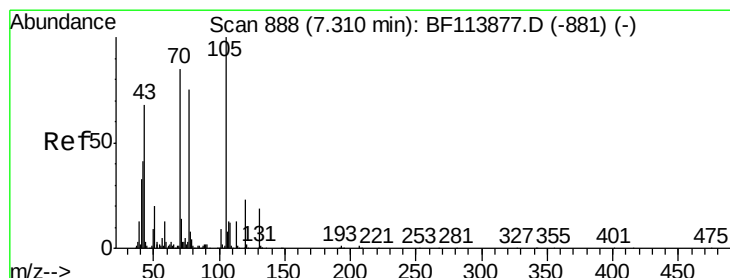
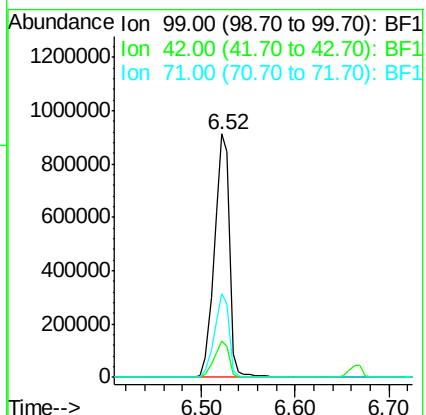
Tot Ion: 99 Resp: 1035625

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

71 34.6 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.553 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

Tgt Ion: 70 Resp: 81638

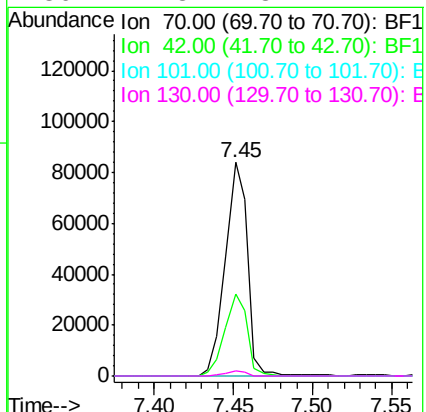
Ion Ratio Lower Upper

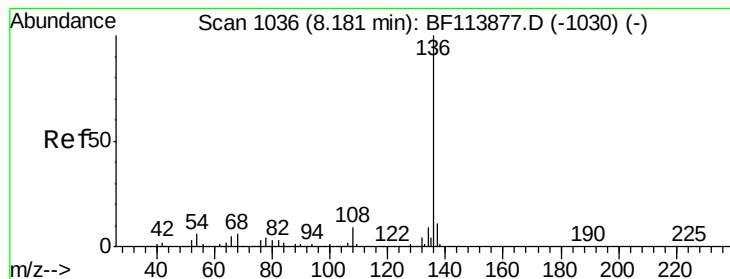
70 100

42 38.4 37.3 55.9

101 0.0 7.8 11.8#

130 2.3 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 420876

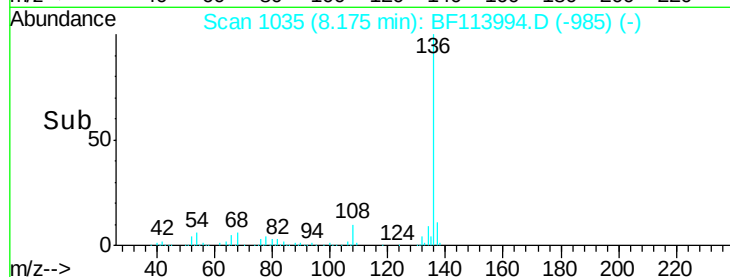
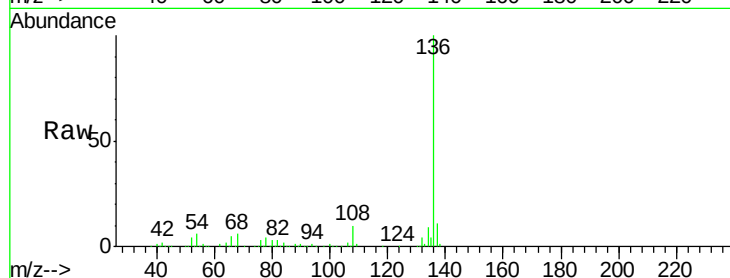
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.4 5.0 7.6

68 6.2 4.9 7.3

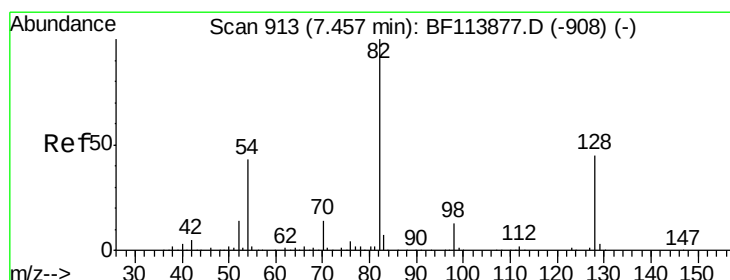
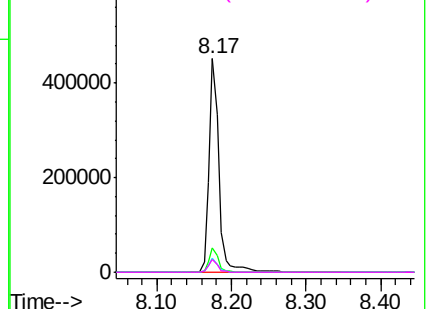


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.426 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

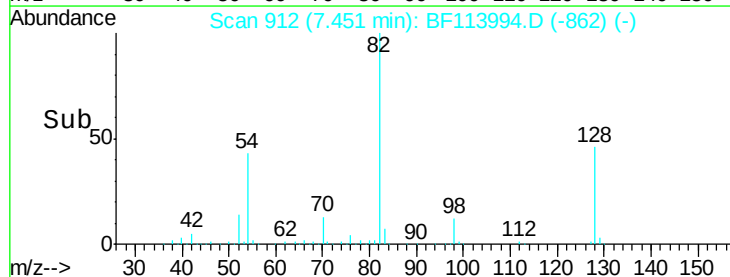
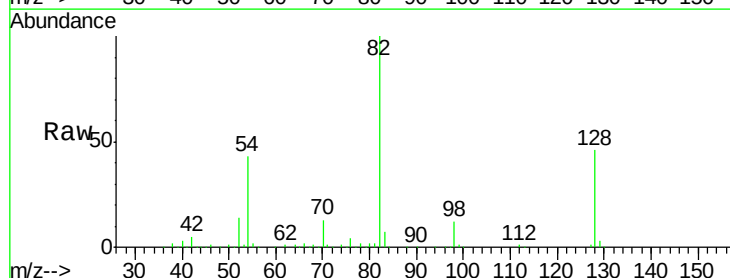
Tgt Ion: 82 Resp: 616385

Ion Ratio Lower Upper

82 100

128 45.6 36.8 55.2

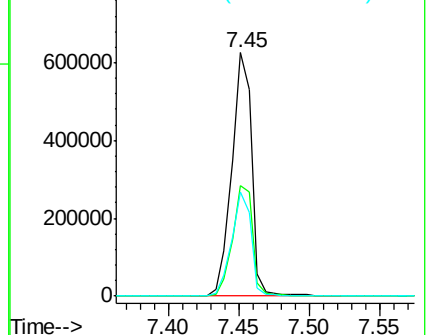
54 42.5 33.8 50.6

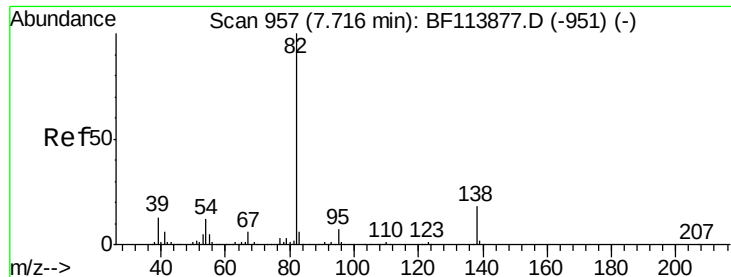


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.192 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

Instrument :

BNA_F

ClientSampleId :

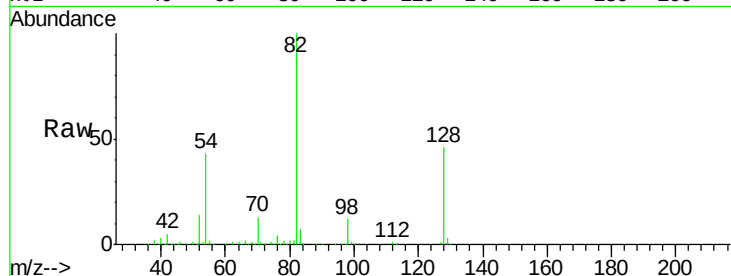
Tot Ion: 82 Resp: 616373

Ion Ratio Lower Upper

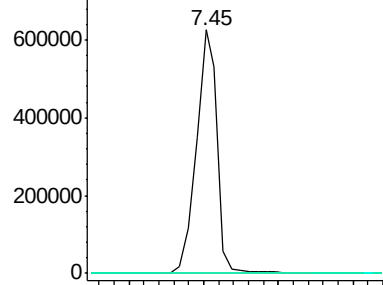
82 100

95 0.0 5.4 8.2#

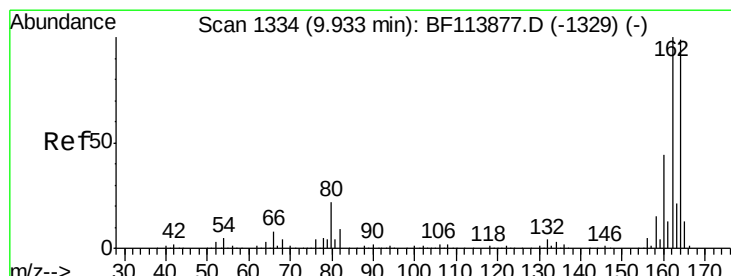
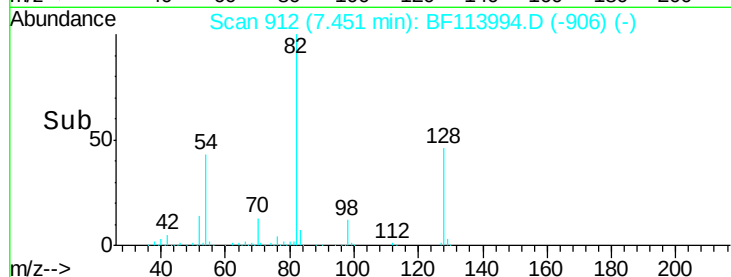
138 0.0 14.6 22.0#



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



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

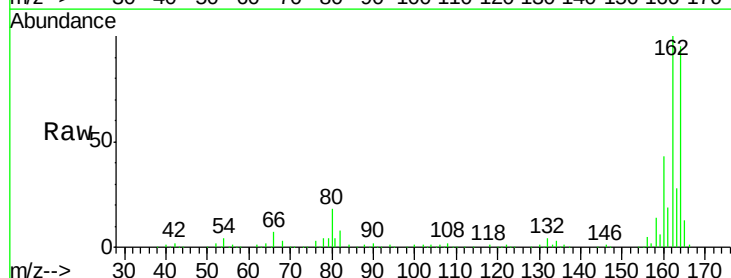
Tgt Ion:164 Resp: 226254

Ion Ratio Lower Upper

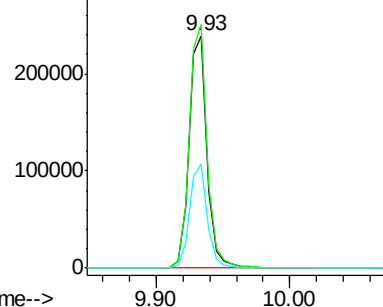
164 100

162 104.8 81.1 121.7

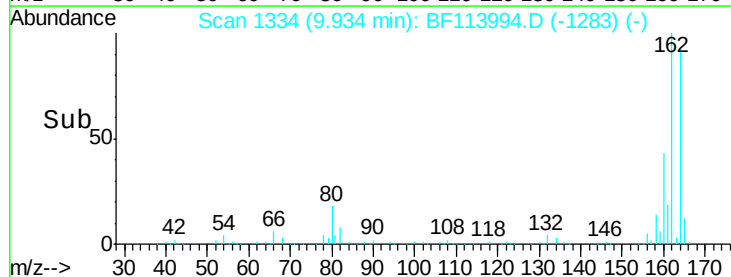
160 44.7 35.8 53.6

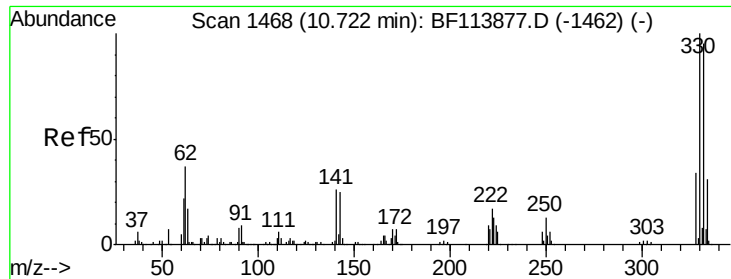


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#42

2,4,6-Tribromophenol

Concen: 135.430 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

Instrument :

BNA_F

ClientSampleId :

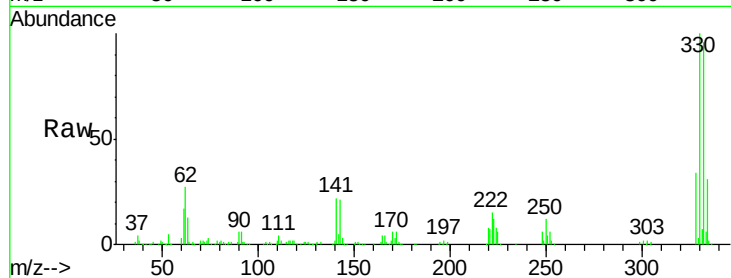
Tot Ion:330 Resp: 373278

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

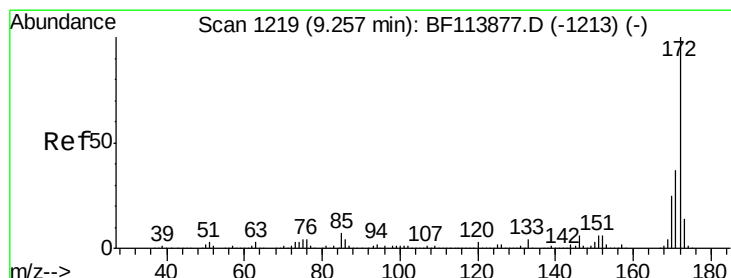
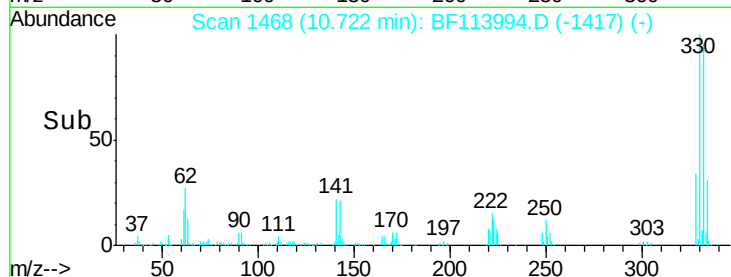
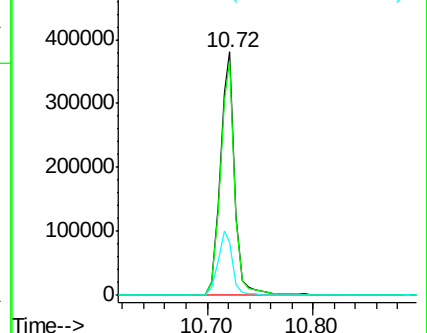
141 27.0 22.2 33.2



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: 82.329 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

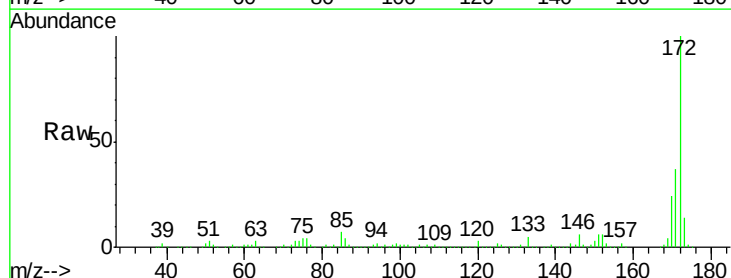
Tgt Ion:172 Resp: 1190976

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

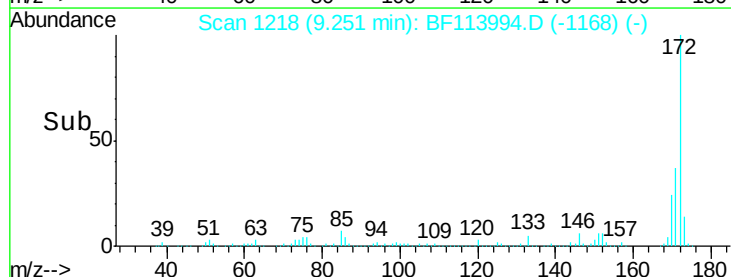
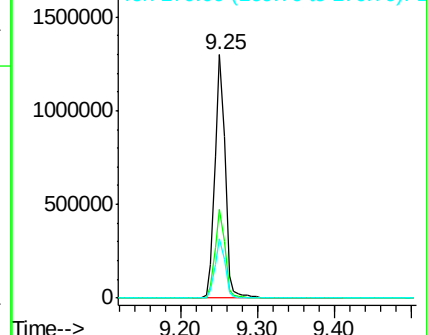
170 24.5 19.9 29.9

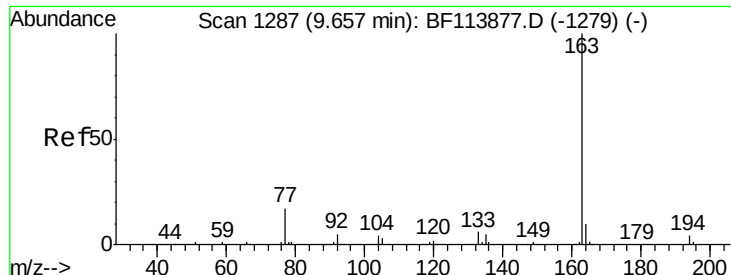


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

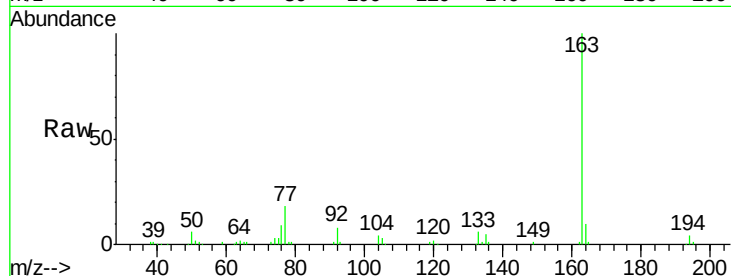




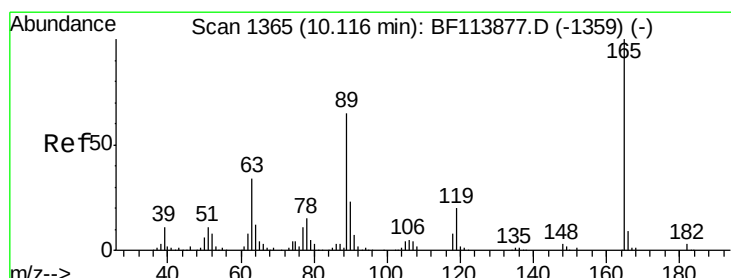
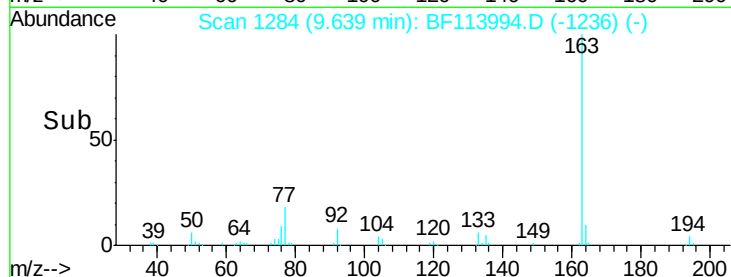
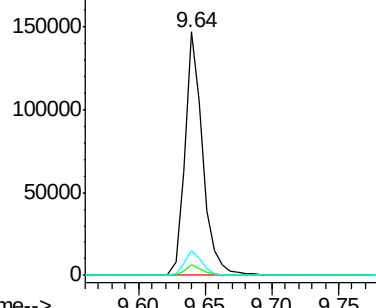
#50
Dimethylphthalate
Concen: 8.463 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113994.D
Acq: 25 Apr 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 138484
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.9 8.5 12.7

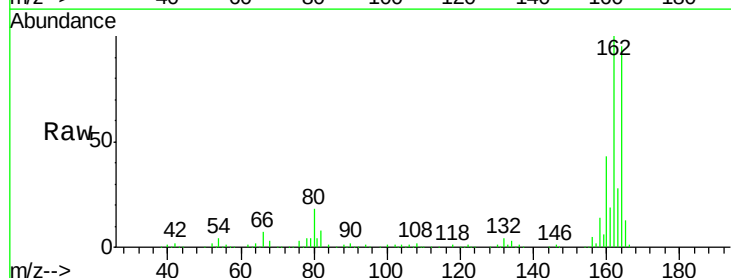


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

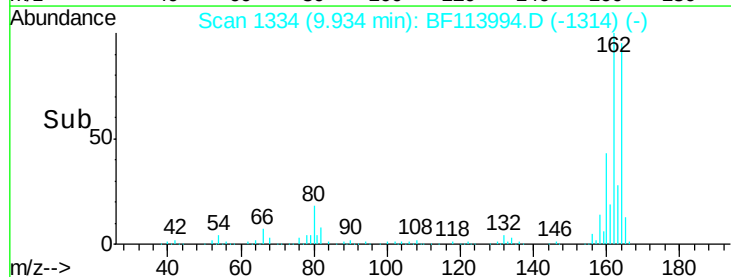
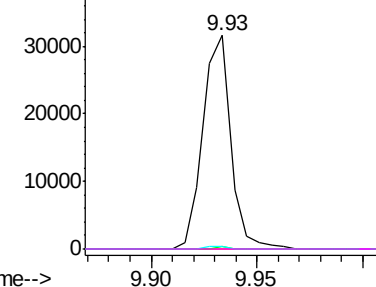


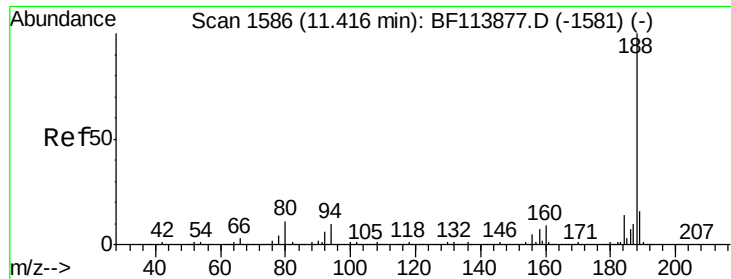
#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113994.D
Acq: 25 Apr 2019 22:39

Tgt Ion:165 Resp: 28792
Ion Ratio Lower Upper
165 100
63 1.1 27.4 41.0#
89 1.4 51.8 77.6#
182 0.0 2.2 3.2#



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

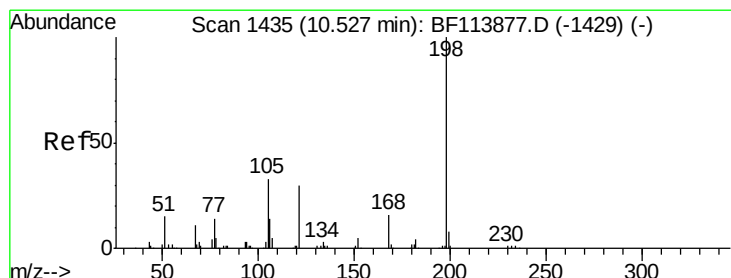
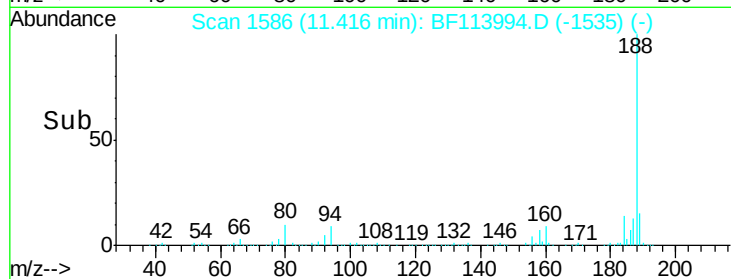
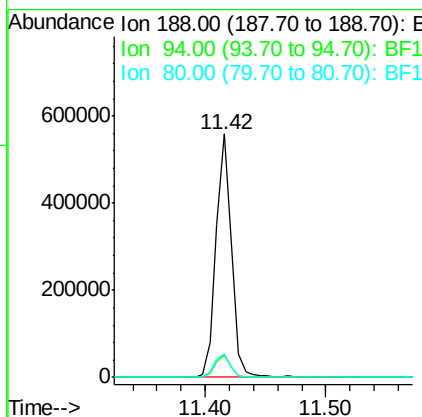
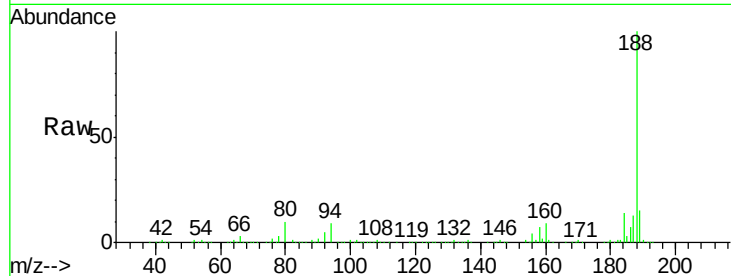




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113994.D
Acq: 25 Apr 2019 22:39

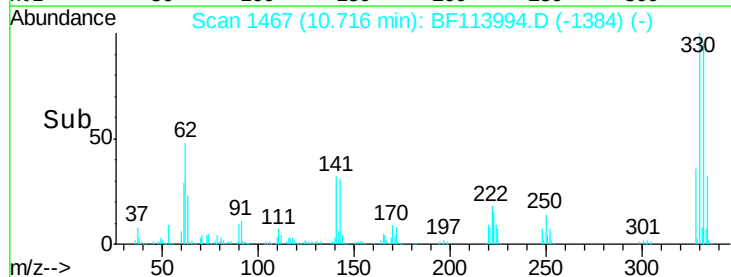
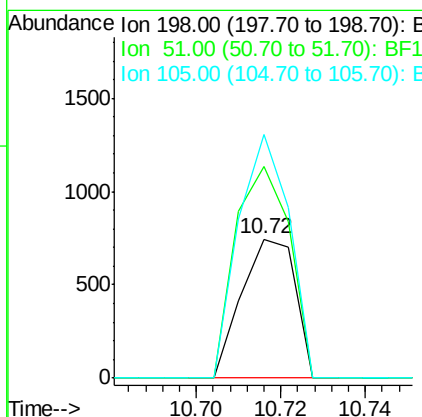
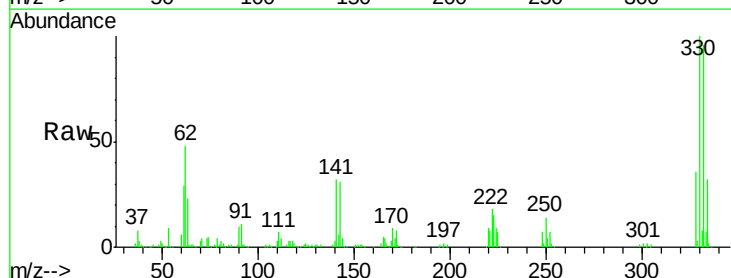
Instrument :
BNA_F
ClientSampleId :

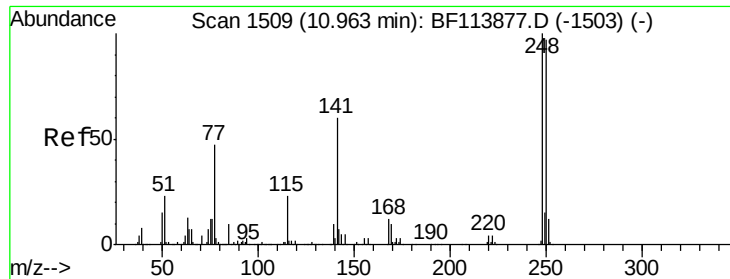
Tot Ion:188 Resp: 486233
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 9.8 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.558 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF113994.D
Acq: 25 Apr 2019 22:39

Tgt Ion:198 Resp: 657
Ion Ratio Lower Upper
198 100
51 152.1 11.1 51.1#
105 175.2 20.7 60.7#

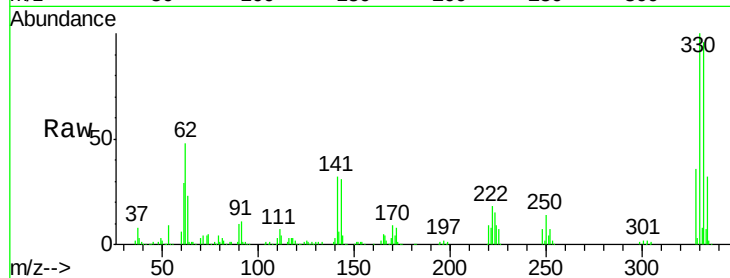




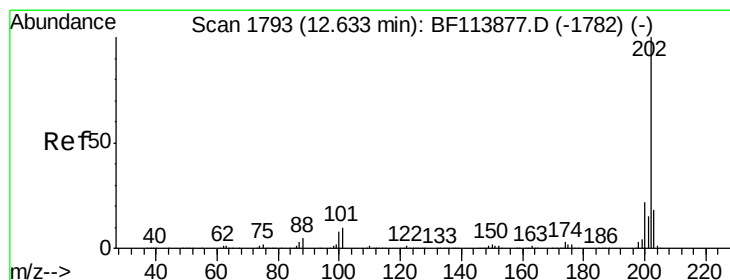
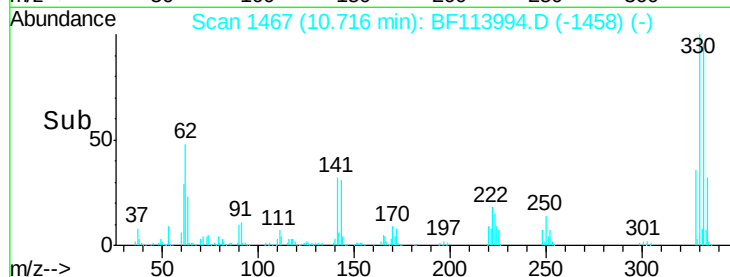
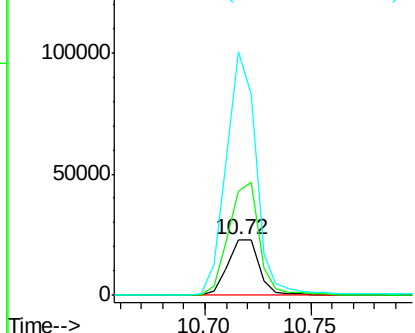
#67
 4-Bromophenyl-phenylether
 Concen: 4.021 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF113994.D
 Acq: 25 Apr 2019 22:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 23617
 Ion Ratio Lower Upper
 248 100
 250 187.4 75.8 113.6#
 141 436.7 50.2 75.4#

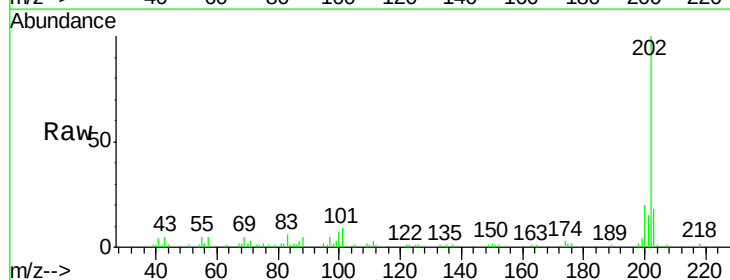


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

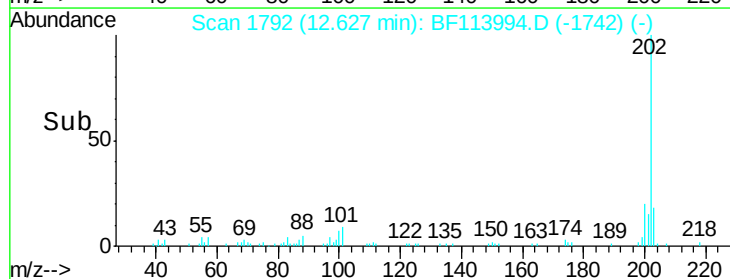
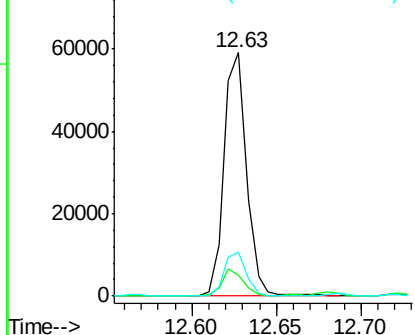


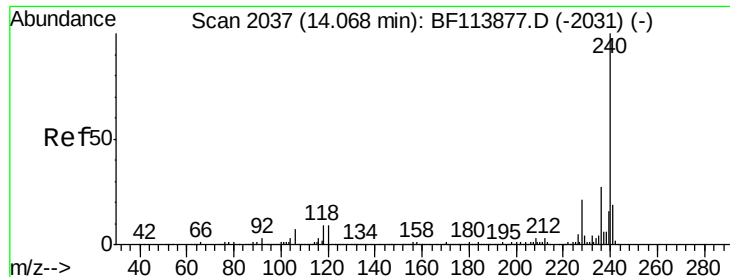
#75
 Fluoranthene
 Concen: 2.067 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF113994.D
 Acq: 25 Apr 2019 22:39

Tgt Ion:202 Resp: 55114
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 32.9
 203 18.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

Instrument :

BNA_F

ClientSampleId :

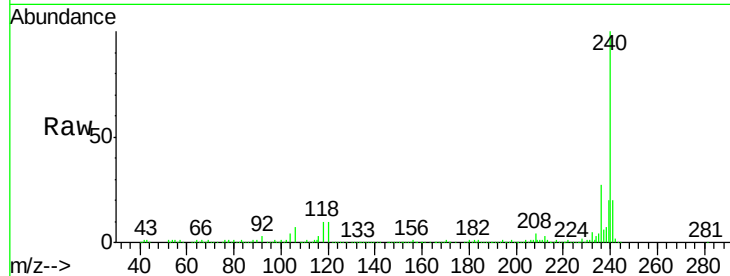
Tot Ion:240 Resp: 466183

Ion Ratio Lower Upper

240 100

120 10.2 9.3 13.9

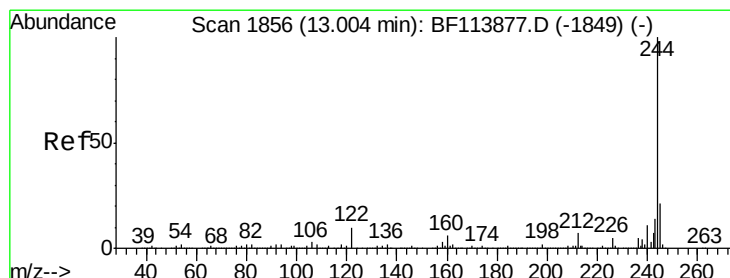
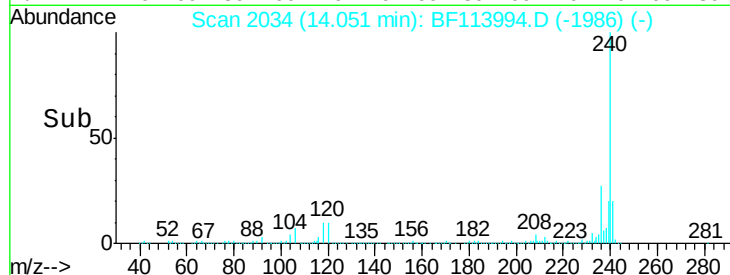
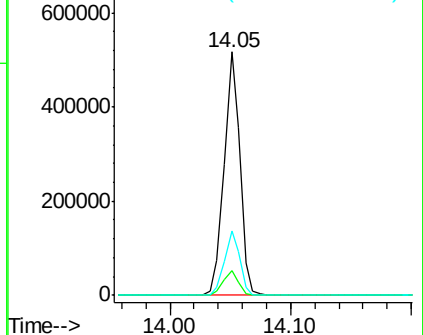
236 26.7 21.2 31.8



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: 70.560 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113994.D

Acq: 25 Apr 2019 22:39

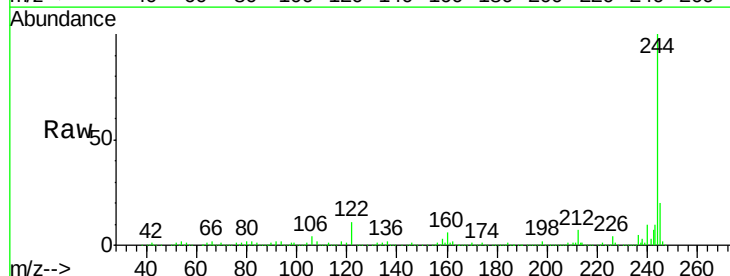
Tgt Ion:244 Resp: 1604478

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

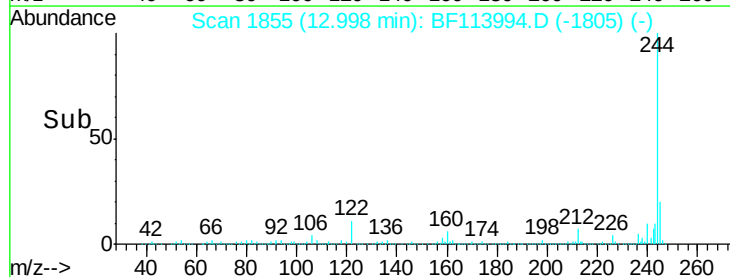
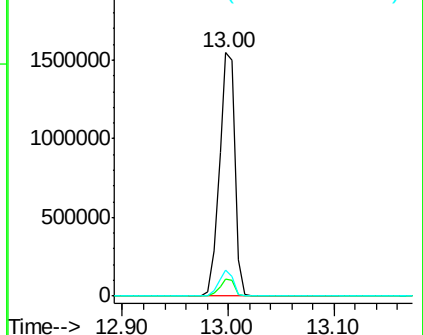
122 10.8 7.6 11.4

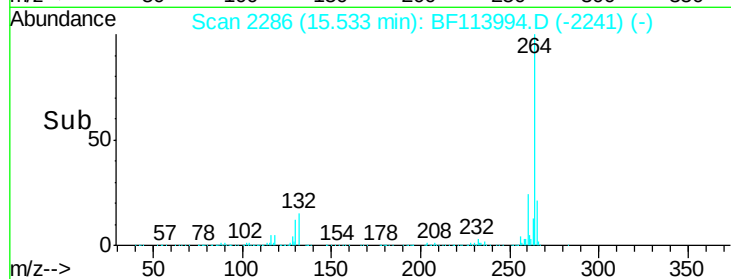
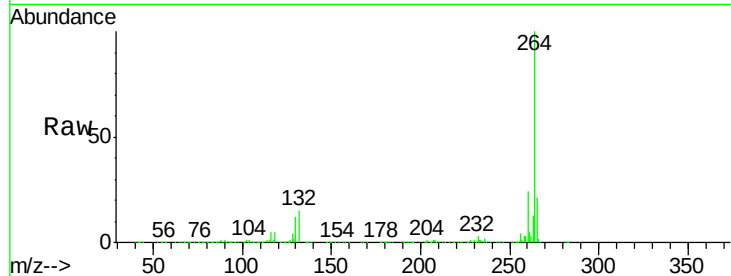
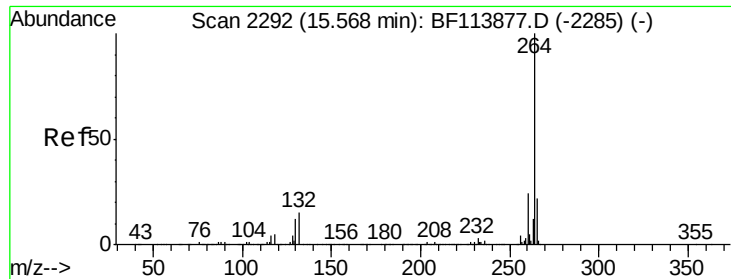


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF113994.D
Acq: 25 Apr 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	20.8	17.3	25.9

