

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117173.D
 Acq On : 19 Sep 2019 14:42
 Operator : HP/JU
 Sample : K4959-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 01:33:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

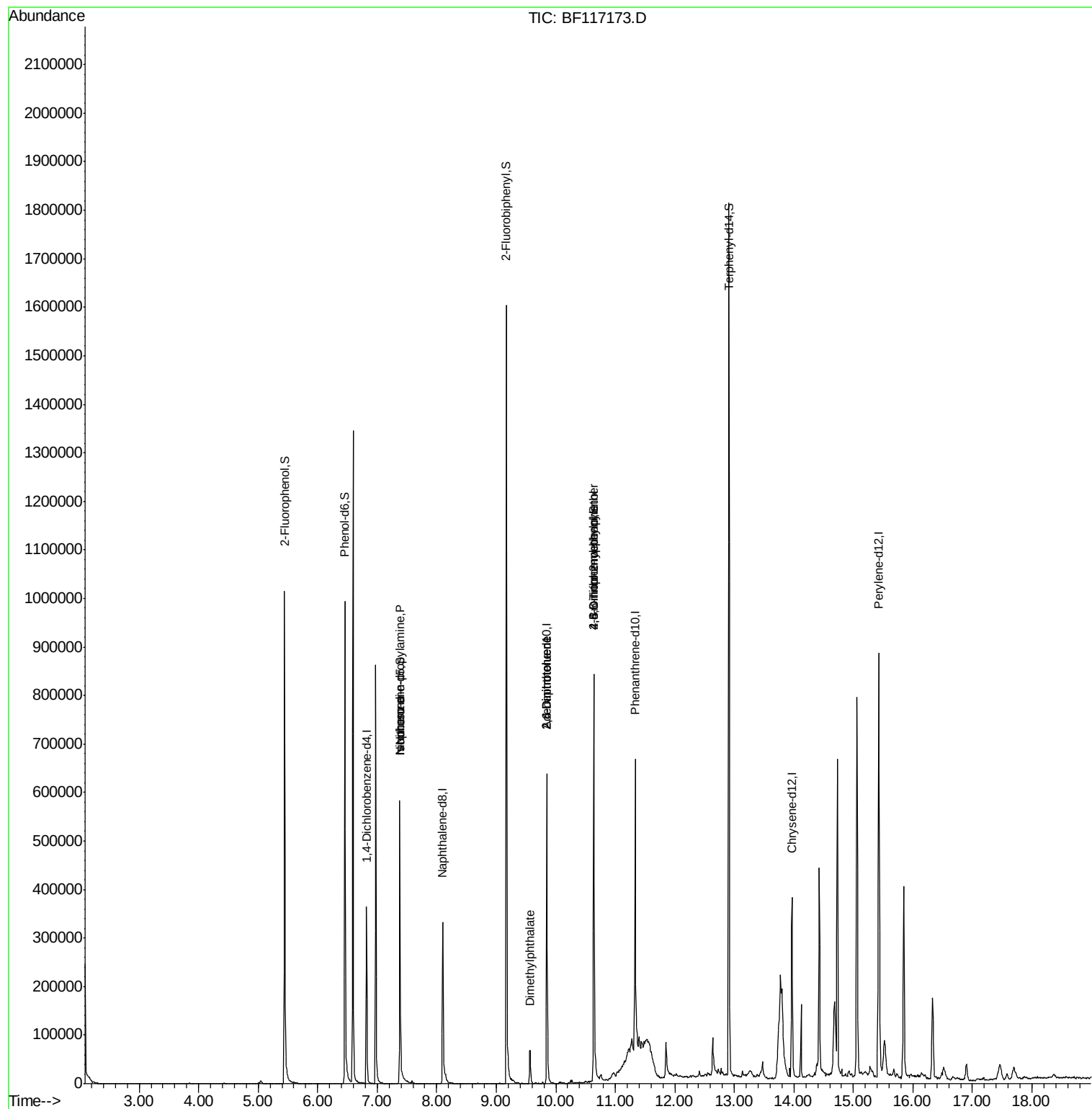
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	54652	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	223637	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	157166	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	258647	20.00	ng	0.00
76) Chrysene-d12	13.97	240	148551	20.00	ng	0.00
87) Perylene-d12	15.42	264	132929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	321745	91.91	ng	0.00
7) Phenol-d6	6.46	99	373259	82.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	248282	58.33	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	115778	88.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	568734	56.58	ng	0.00
79) Terphenyl-d14	12.91	244	566806	71.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	449	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.38	70	32762	11.893	ng	# 81
25) Isophorone	7.38	82	248281	32.945	ng	# 66
50) Dimethylphthalate	9.57	163	40984	3.683	ng	# 97
51) 2,6-Dinitrotoluene	9.85	165	19001	8.384	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	19001	6.459	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.63	198	115	6.986	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	7231	2.738	ng	# 1

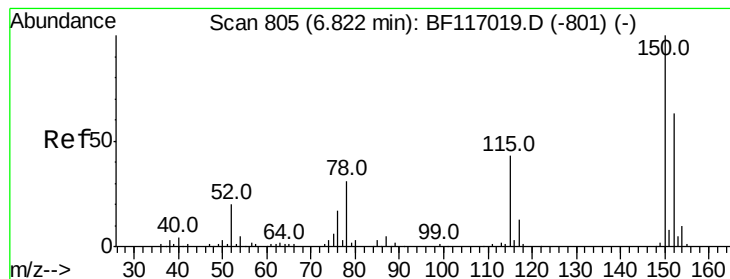
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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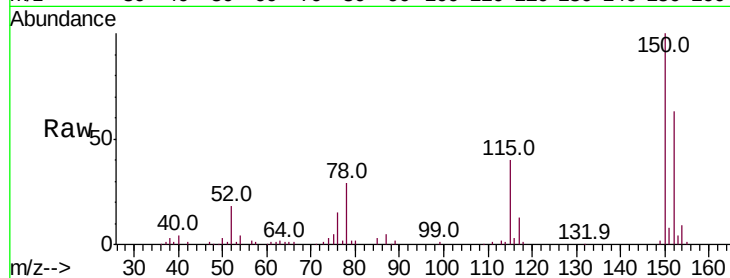


#1

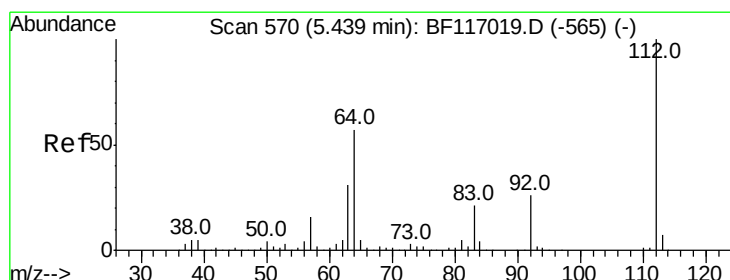
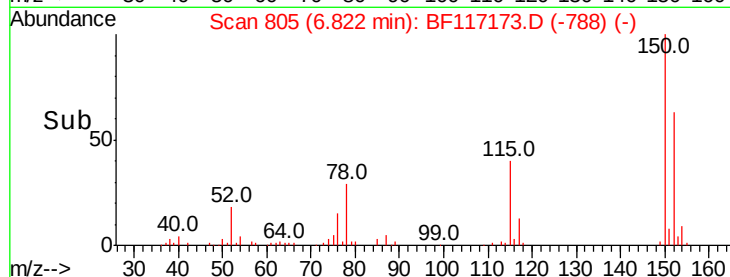
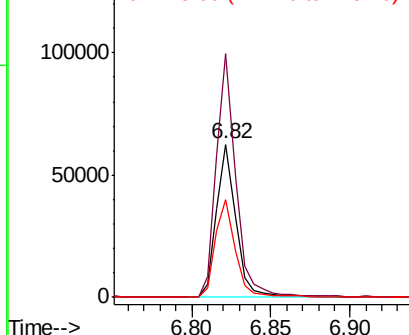
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117173.D
Acq: 19 Sep 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54652
Ion Ratio Lower Upper
152 100
150 158.8 127.5 191.3
115 64.1 55.0 82.4



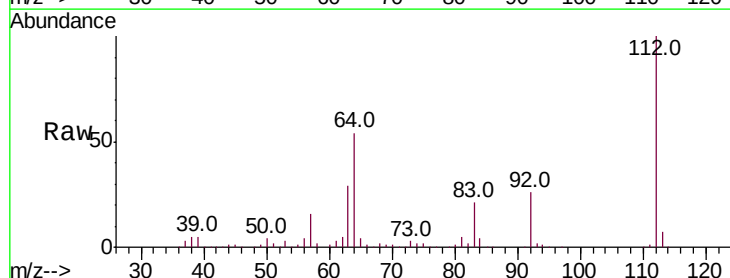
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



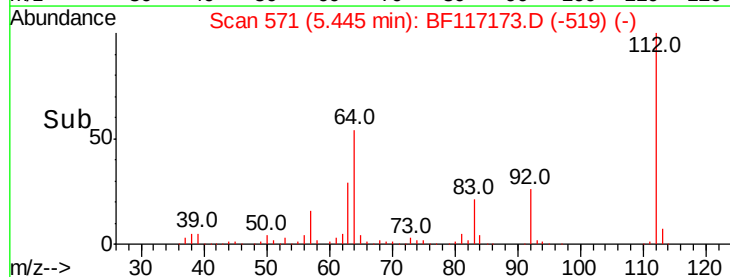
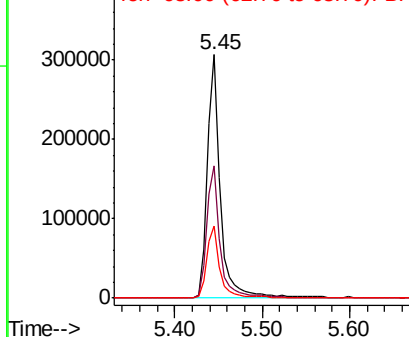
#5

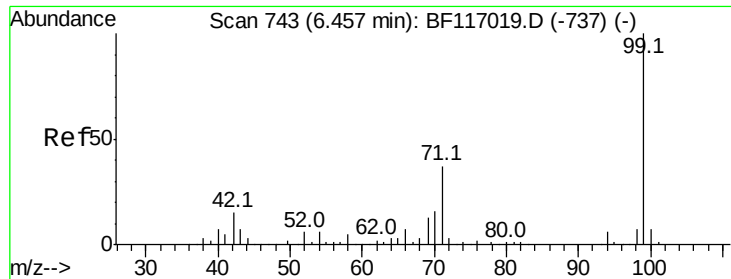
2-Fluorophenol
Concen: 91.913 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117173.D
Acq: 19 Sep 2019 14:42

Tgt Ion:112 Resp: 321745
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 29.5 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: 82.507 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117173.D

Acq: 19 Sep 2019 14:42

Instrument :

BNA_F

ClientSampled :

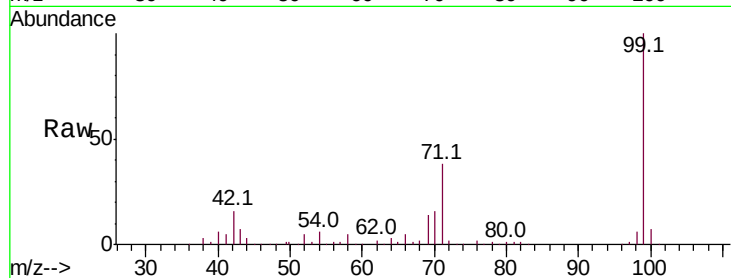
Tot Ion: 99 Resp: 373259

Ion Ratio Lower Upper

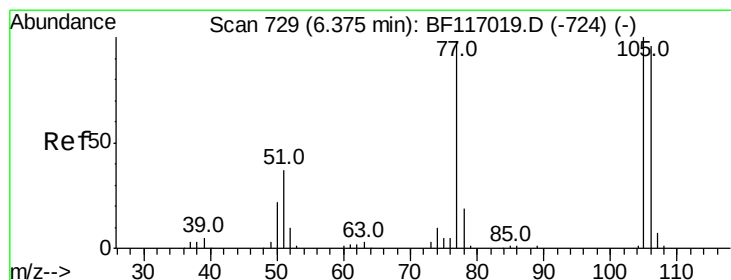
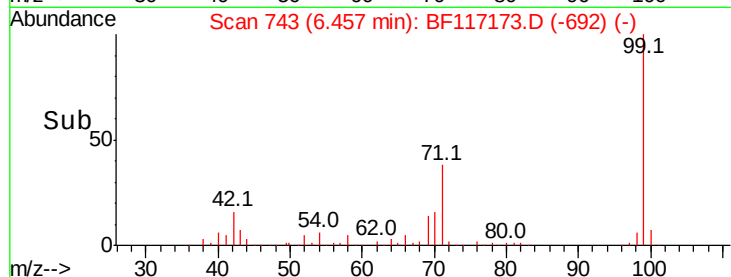
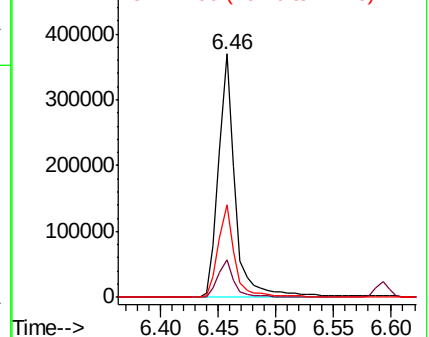
99 100

42 15.7 12.2 18.2

71 37.9 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.46 min Scan# 743

Delta R.T. 0.08 min

Lab File: BF117173.D

Acq: 19 Sep 2019 14:42

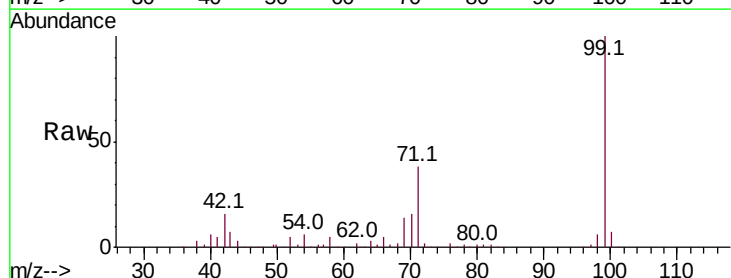
Tgt Ion: 77 Resp: 449

Ion Ratio Lower Upper

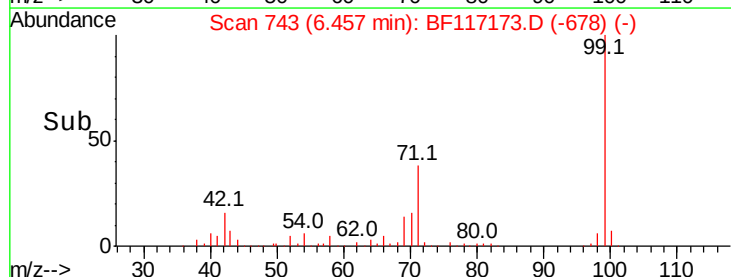
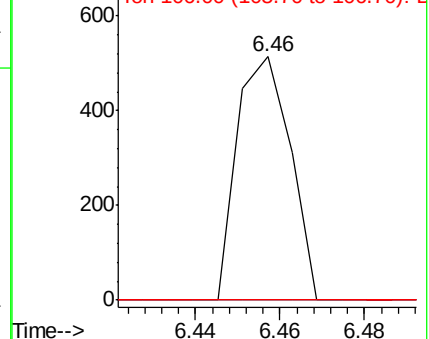
77 100

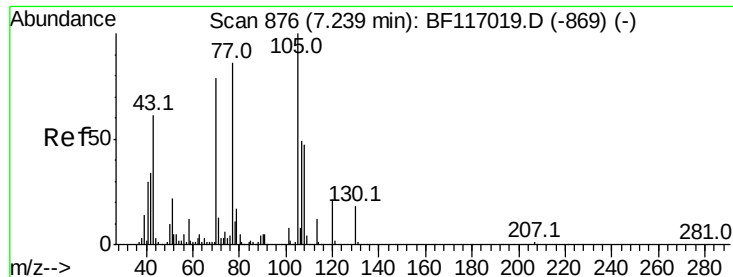
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

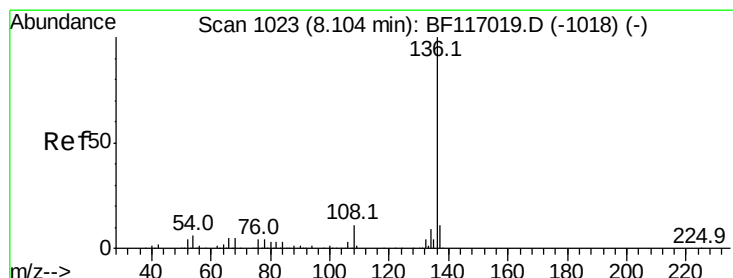
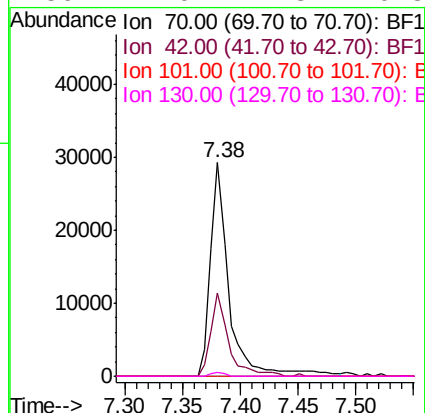
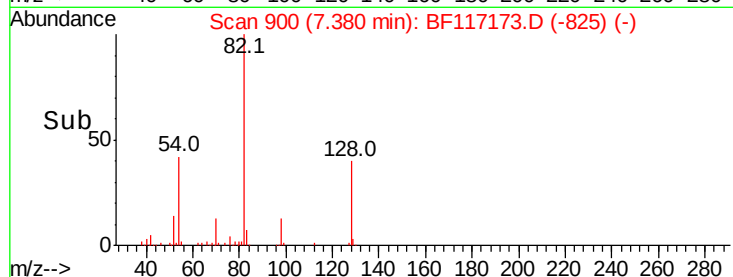
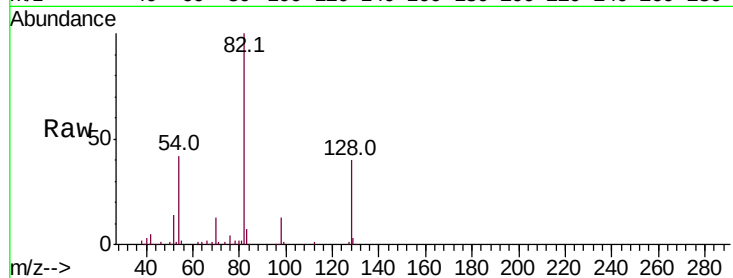




#19
n-Nitroso-di-n-propylamine
Concen: 11.893 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117173.D
Acq: 19 Sep 2019 14:42

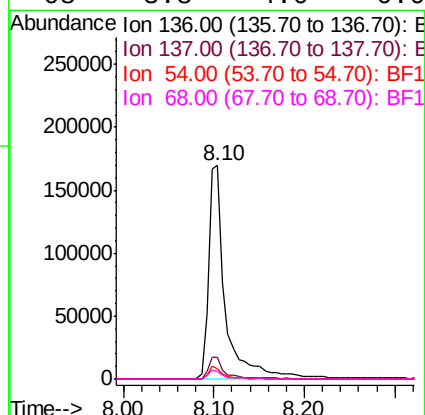
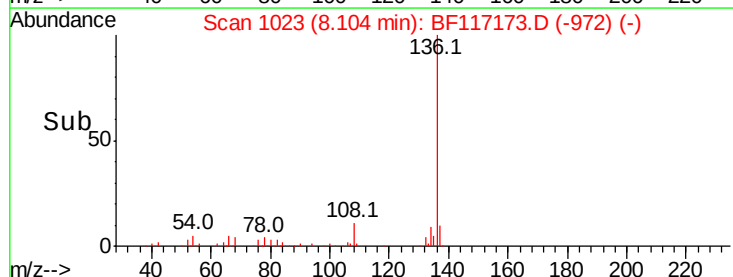
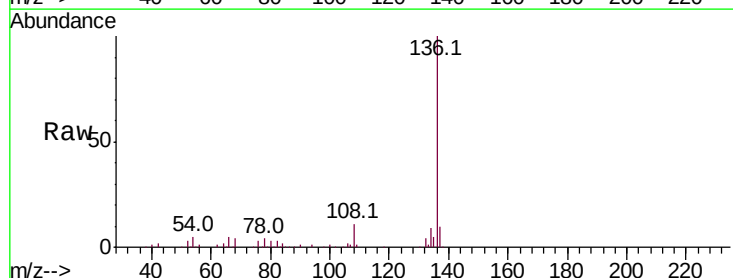
Instrument :
BNA_F
ClientSampleId :

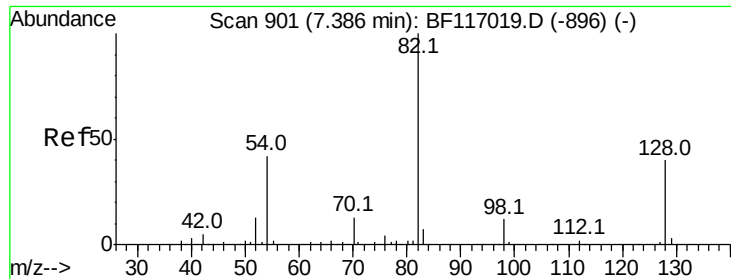
Tot Ion: 70 Resp: 32762
Ion Ratio Lower Upper
70 100
42 39.2 34.0 51.0
101 0.0 7.8 11.6#
130 2.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117173.D
Acq: 19 Sep 2019 14:42

Tgt Ion: 136 Resp: 223637
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 4.9 4.5 6.7
68 3.8 4.0 6.0#

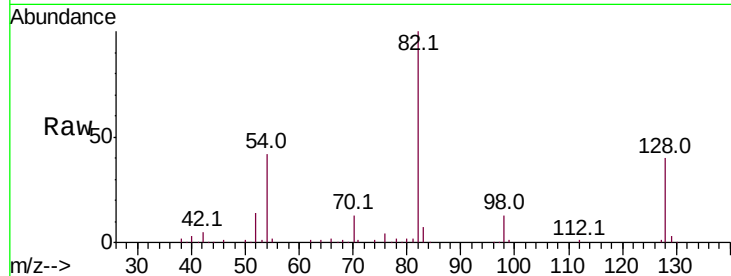




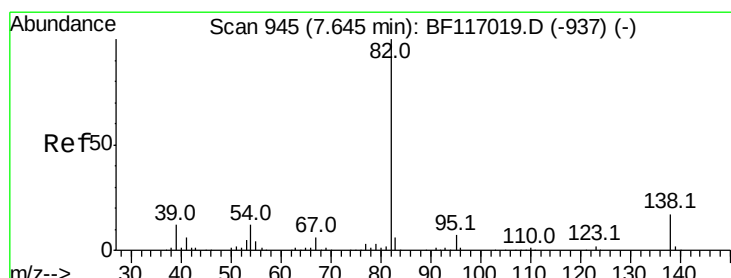
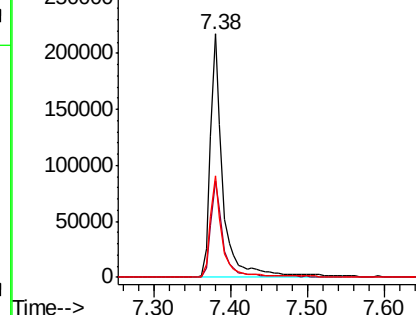
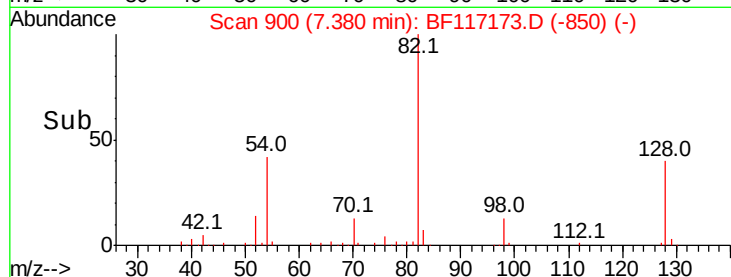
#23
 Nitrobenzene-d5
 Concen: 58.333 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	248282
Ion Ratio	100	Lower	Upper
128	39.6	32.3	48.5
54	41.7	33.3	49.9

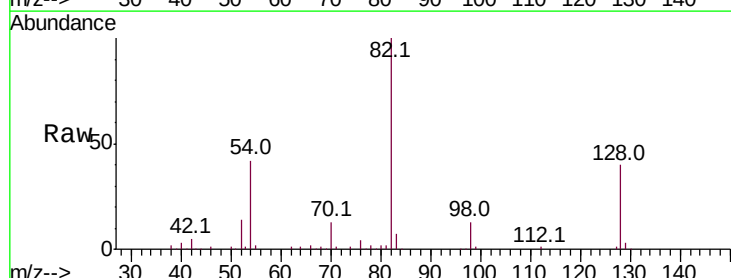


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

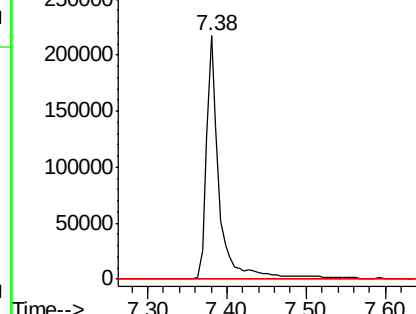
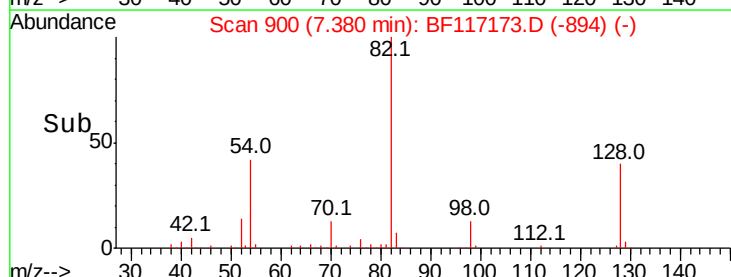


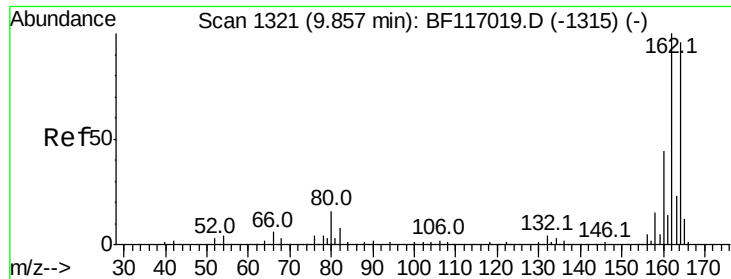
#25
 Isophorone
 Concen: 32.945 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Tgt Ion	82	Resp	248281
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



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

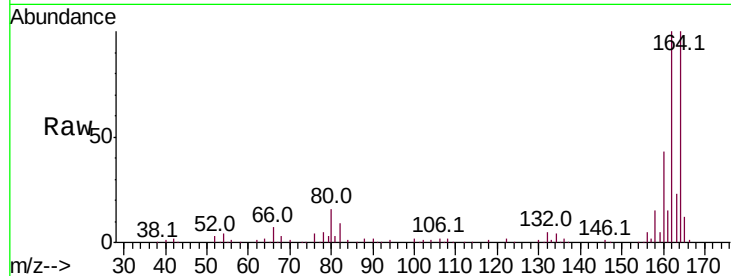




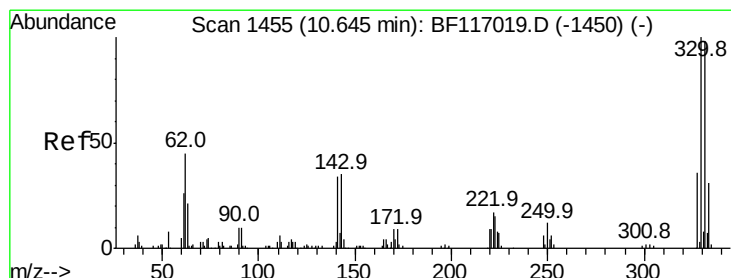
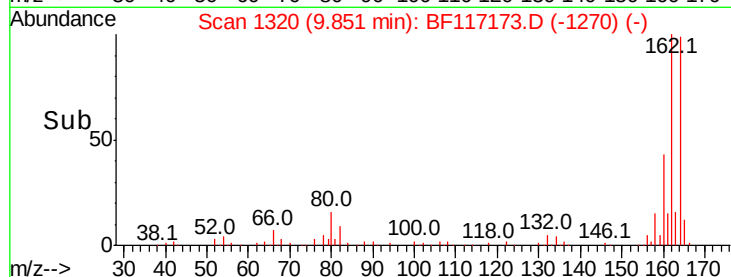
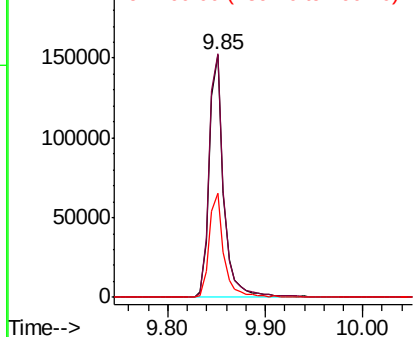
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117173.D
Acq: 19 Sep 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 157166
Ion Ratio Lower Upper
164 100
162 100.4 83.4 125.2
160 43.0 36.4 54.6

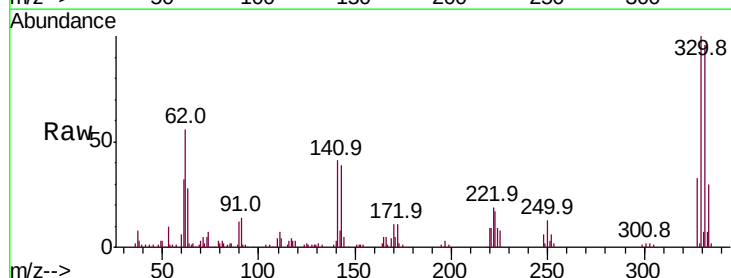


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

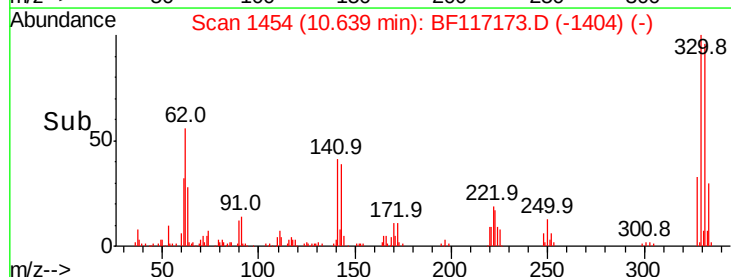
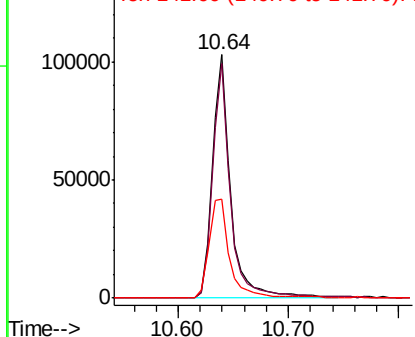


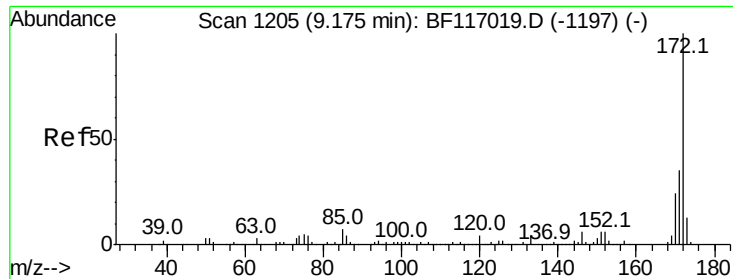
#42
2,4,6-Tribromophenol
Concen: 88.141 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117173.D
Acq: 19 Sep 2019 14:42

Tgt Ion:330 Resp: 115778
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 46.4 35.8 53.6



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

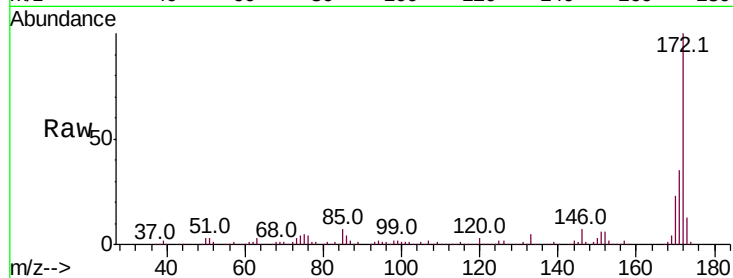




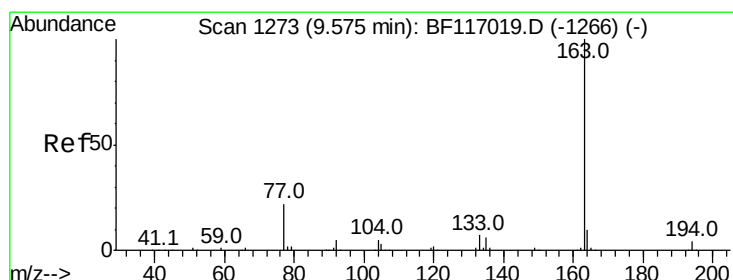
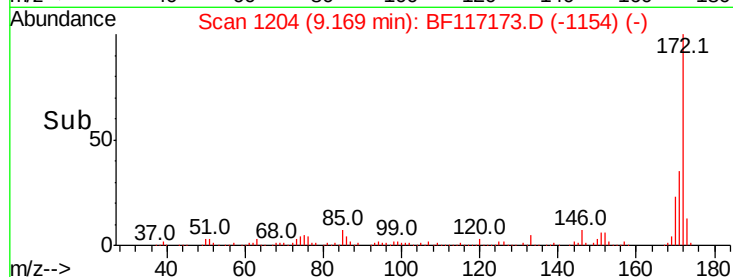
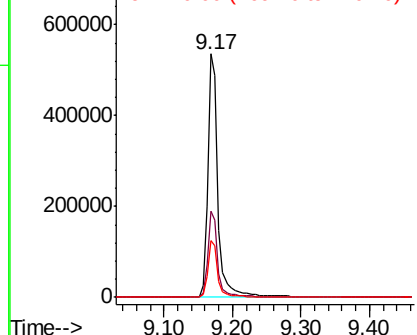
#45
 2-Fluorobiphenyl
 Concen: 56.581 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 568734
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 23.2 18.9 28.3

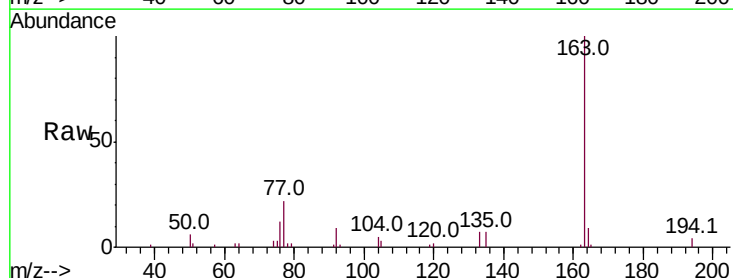


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

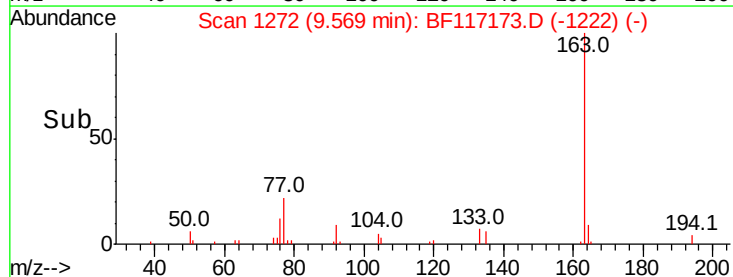
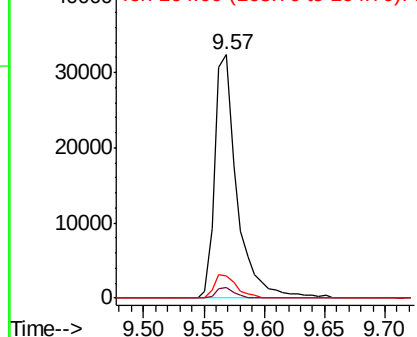


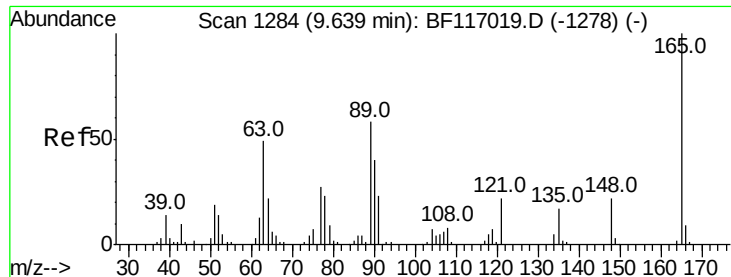
#50
 Dimethylphthalate
 Concen: 3.683 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Tgt Ion:163 Resp: 40984
 Ion Ratio Lower Upper
 163 100
 194 4.3 2.9 4.3
 164 9.3 8.2 12.4



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

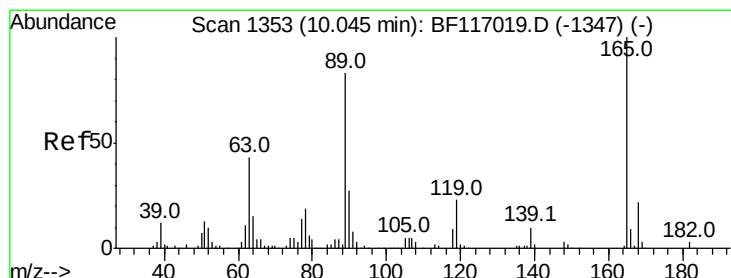
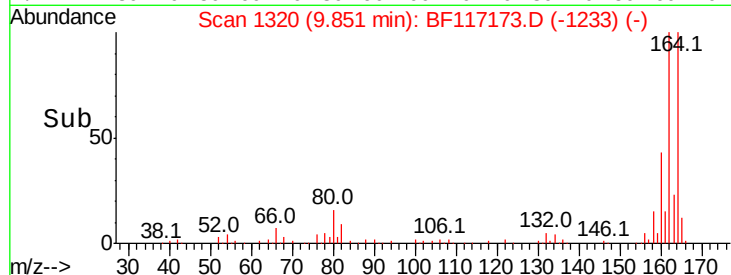
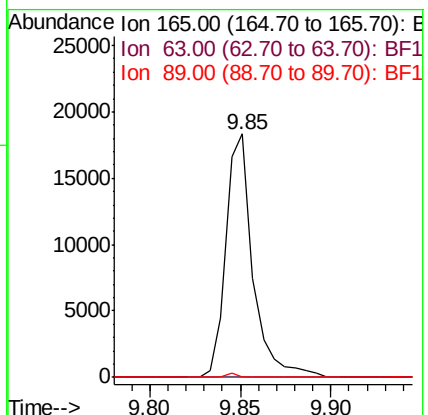
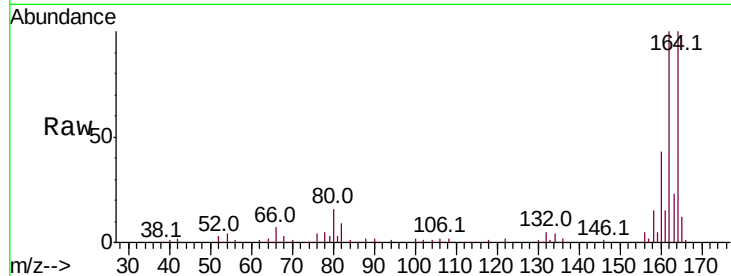




#51
 2,6-Dinitrotoluene
 Concen: 8.384 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

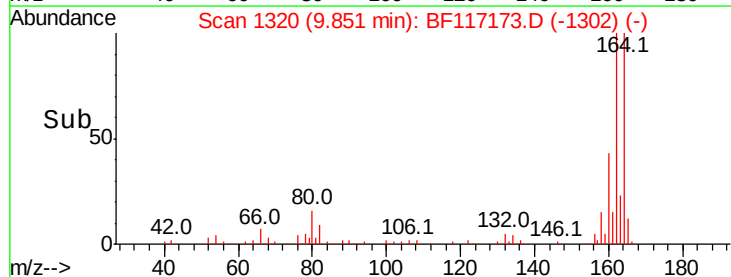
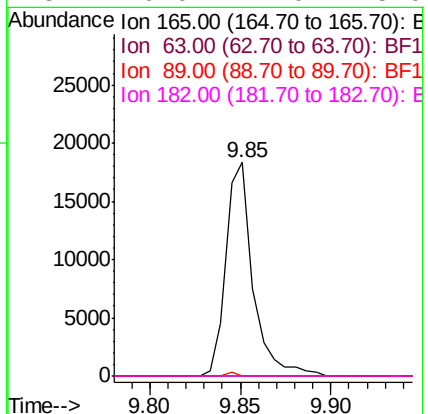
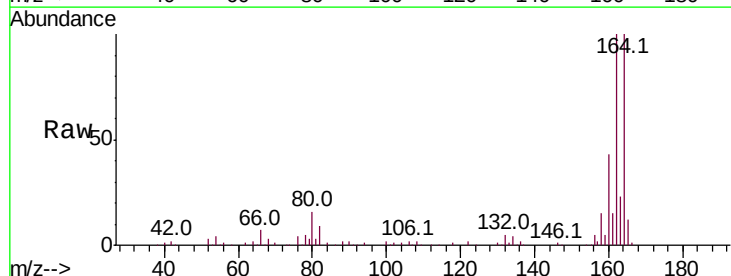
Instrument :
 BNA_F
 ClientSampleId :

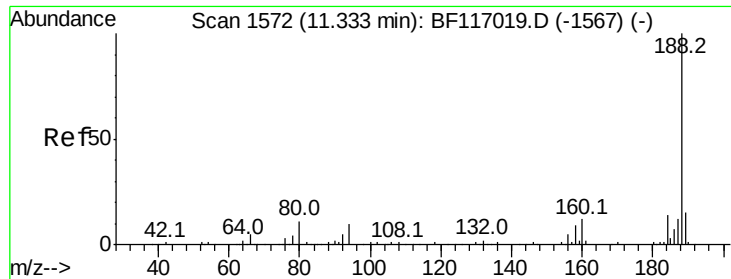
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.459 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

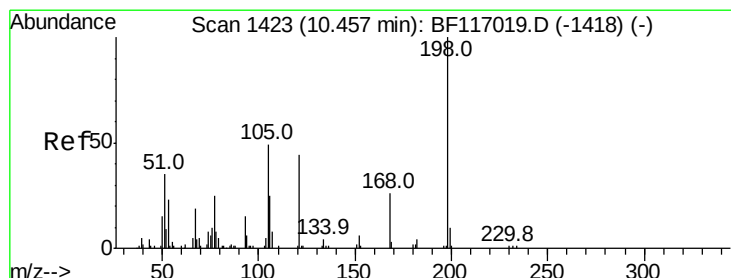
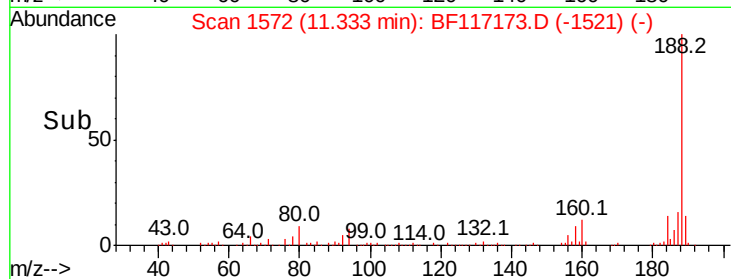
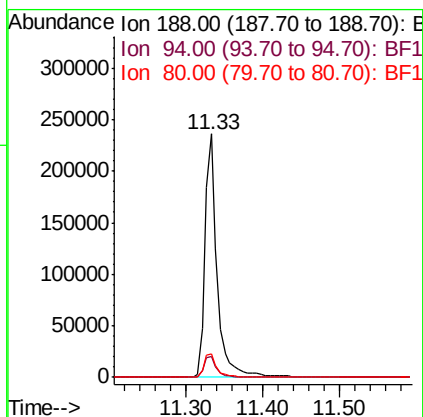
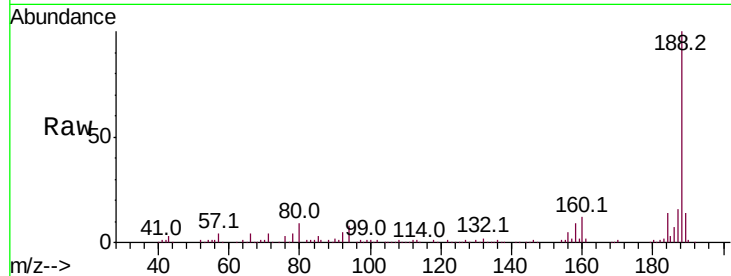




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

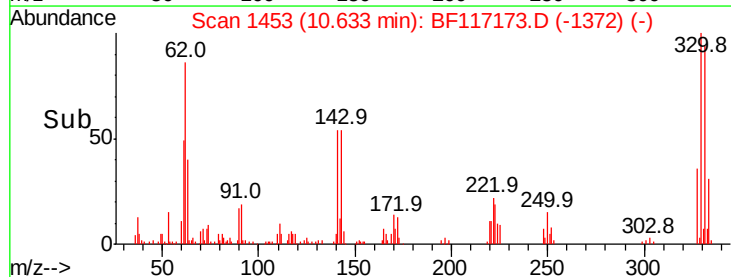
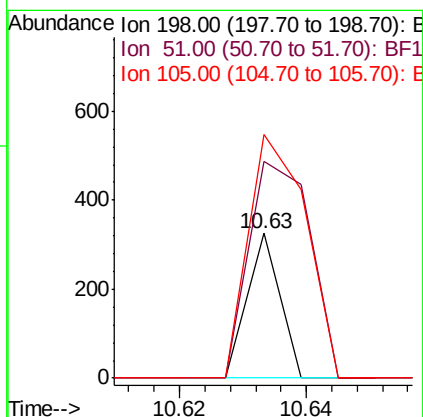
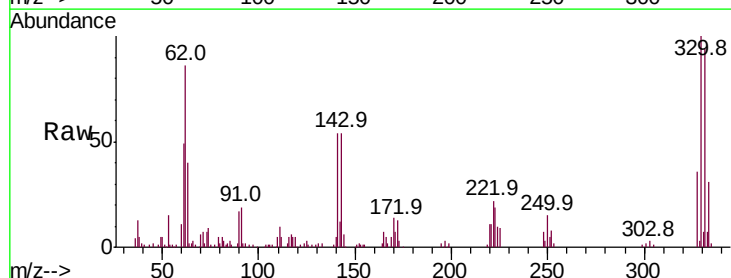
Instrument :
 BNA_F
 ClientSampleId :

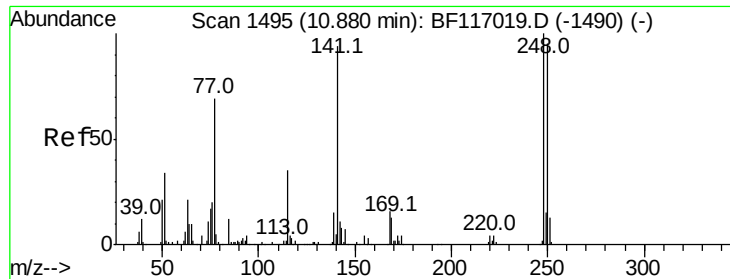
Tot Ion:188 Resp: 258647
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.2 12.2
 80 9.4 9.0 13.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.986 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Tgt Ion:198 Resp: 115
 Ion Ratio Lower Upper
 198 100
 51 150.2 18.7 58.7#
 105 168.3 30.2 70.2#

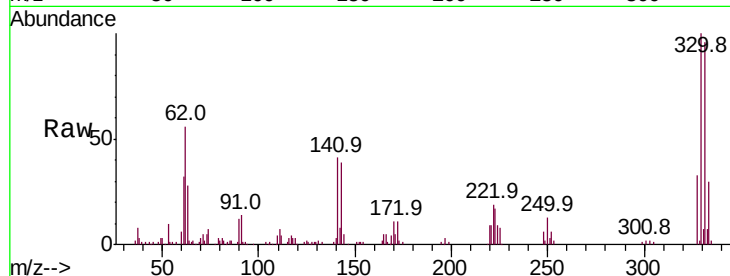




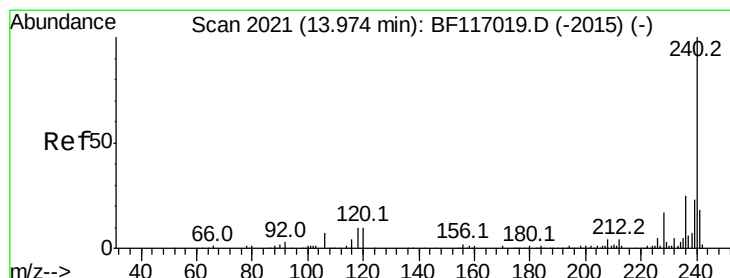
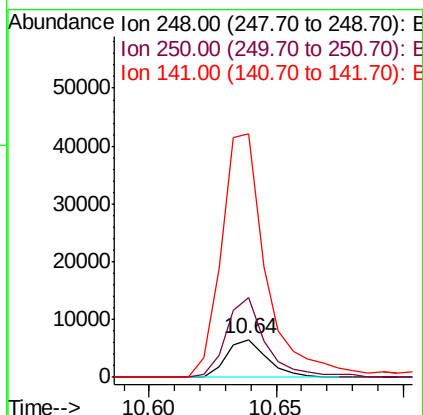
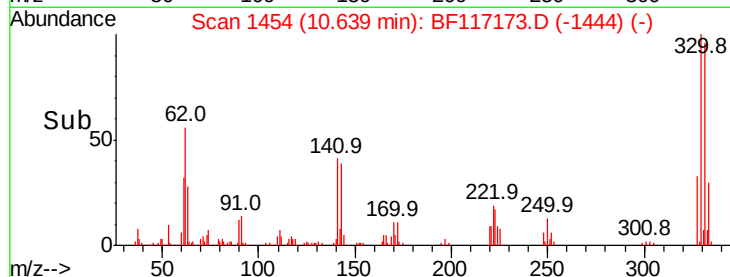
#67
 4-Bromophenyl-phenylether
 Concen: 2.738 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7231
 Ion Ratio Lower Upper
 248 100
 250 210.3 76.2 114.4#
 141 641.4 75.0 112.4#

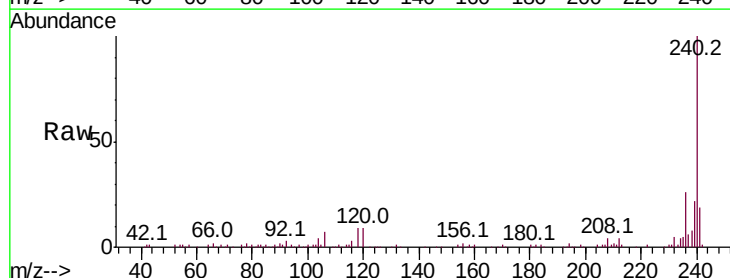


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

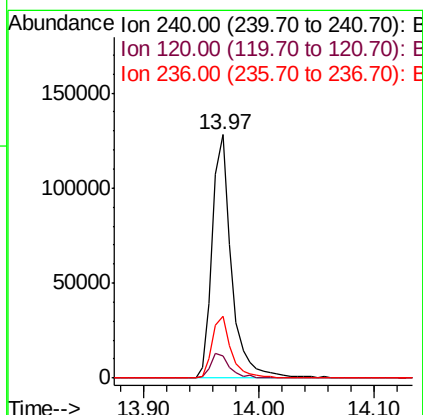
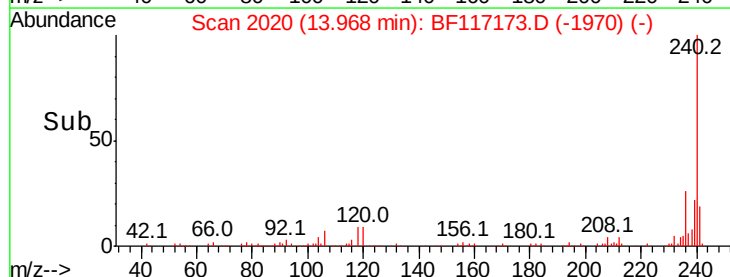


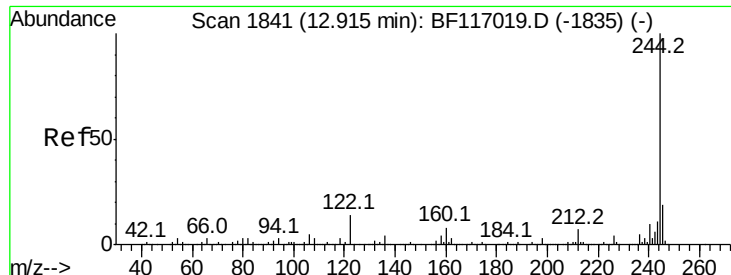
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Tgt Ion:240 Resp: 148551
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.3 12.5
 236 25.7 20.3 30.5



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

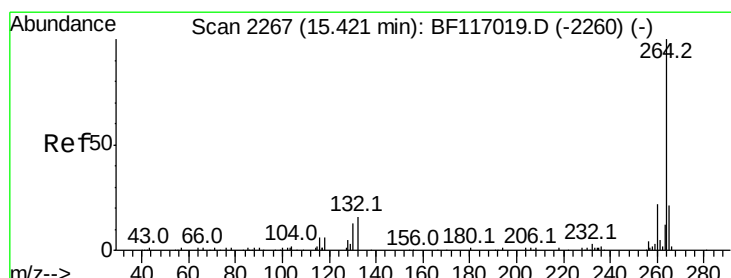
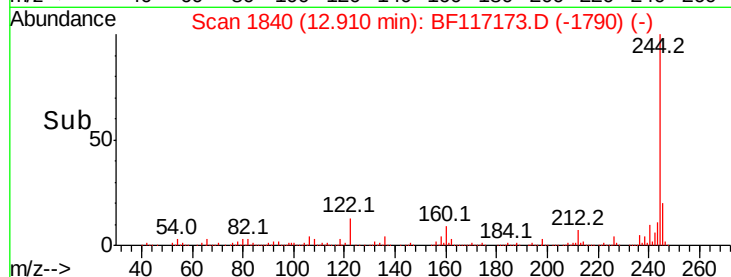
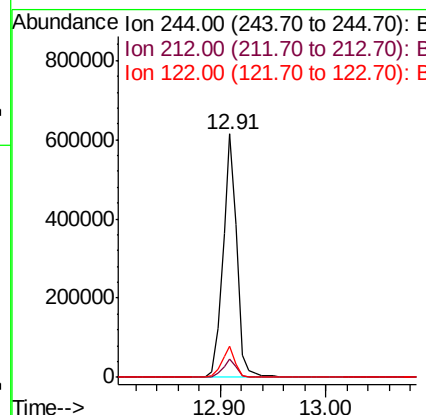
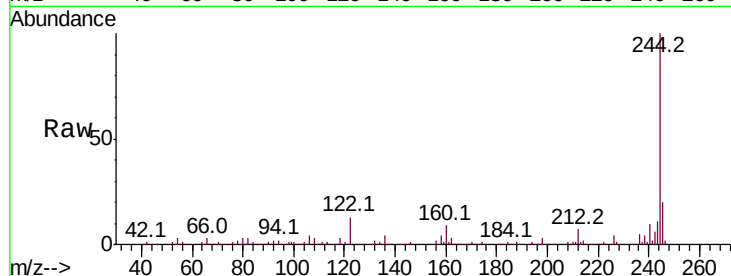




#79
 Terphenyl-d14
 Concen: 71.321 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 566806
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.8 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF117173.D
 Acq: 19 Sep 2019 14:42

Tgt Ion:264 Resp: 132929
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.6 26.4
 265 21.4 16.6 24.8

