

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117230.D
 Acq On : 24 Sep 2019 21:54
 Operator : JU
 Sample : K4664-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 02:40:27 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

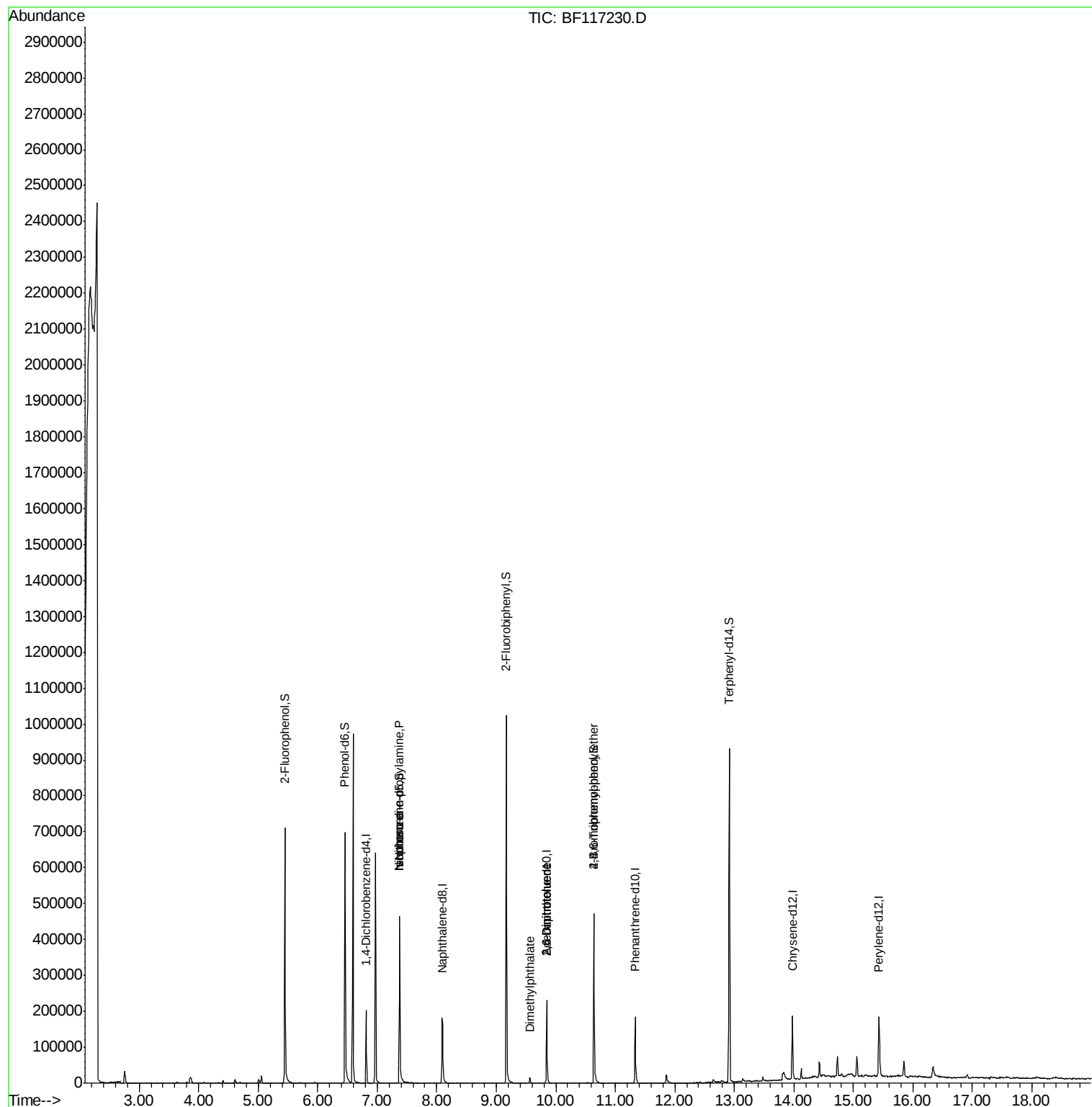
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	28249	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	109905	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	54019	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	80430	20.00	ng	0.00
76) Chrysene-d12	13.97	240	66103	20.00	ng	0.00
87) Perylene-d12	15.43	264	62544	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	211669	116.98	ng	0.01
7) Phenol-d6	6.46	99	271301	116.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	174011	83.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	55156	122.17	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	310055	89.75	ng	0.00
79) Terphenyl-d14	12.92	244	284805	80.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	6181	Below Cal		Qvalue # 75
19) n-Nitroso-di-n-propylamine	7.37	70	24530	17.227	ng	# 83
25) Isophorone	7.37	82	174009	46.984	ng	# 66
50) Dimethylphthalate	9.56	163	8604	2.250	ng	# 93
51) 2,6-Dinitrotoluene	9.85	165	6603	8.476	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	6603	6.530	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	3428	4.173	ng	# 1

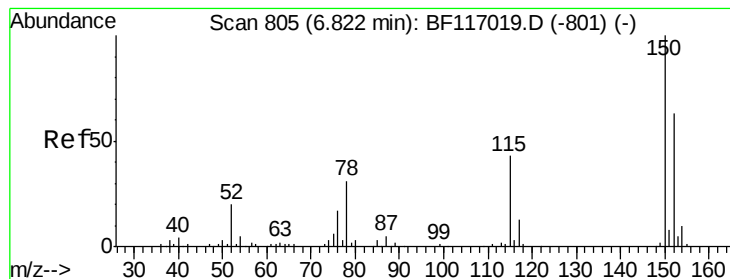
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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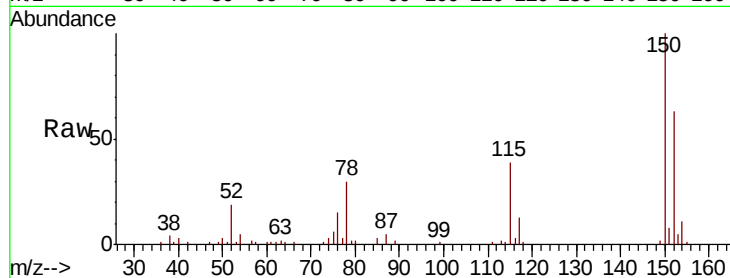


#1

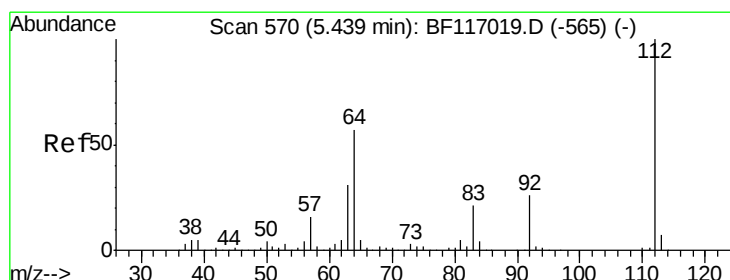
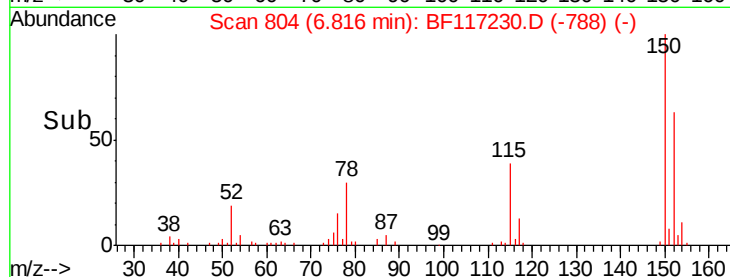
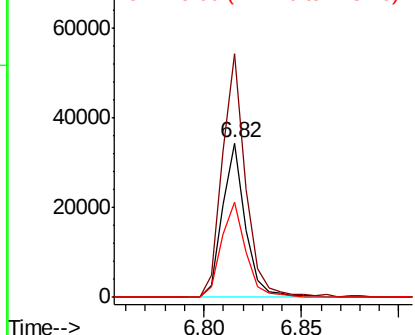
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28249
Ion Ratio Lower Upper
152 100
150 157.8 127.5 191.3
115 61.6 55.0 82.4



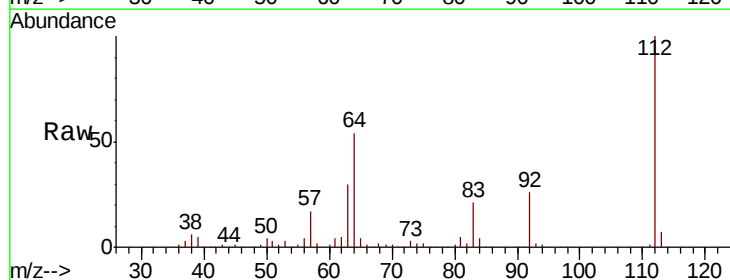
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



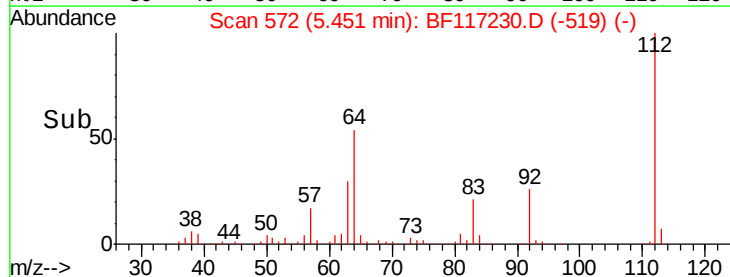
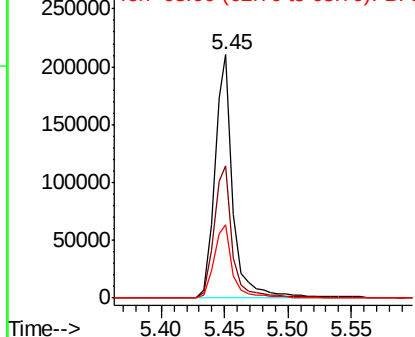
#5

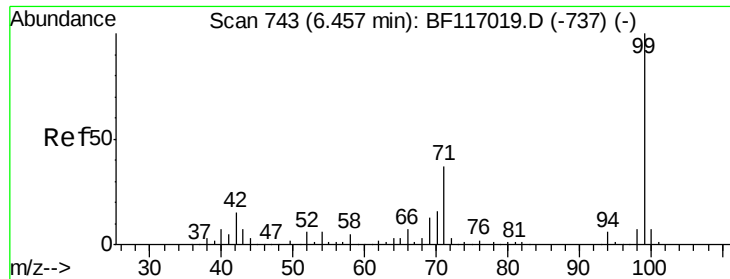
2-Fluorophenol
Concen: 116.984 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion:112 Resp: 211669
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 30.2 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: 116.021 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117230.D

Acq: 24 Sep 2019 21:54

Instrument :

BNA_F

ClientSampleId :

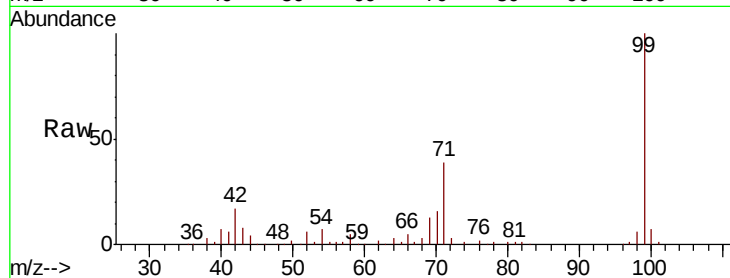
Tot Ion: 99 Resp: 271301

Ion Ratio Lower Upper

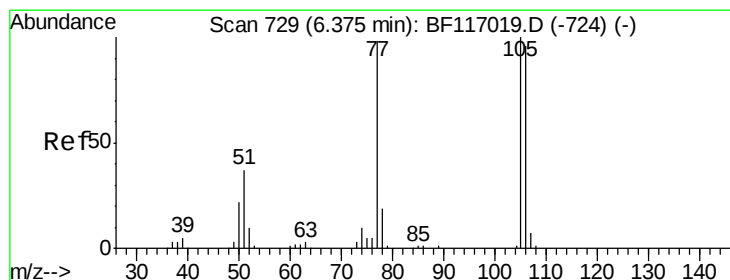
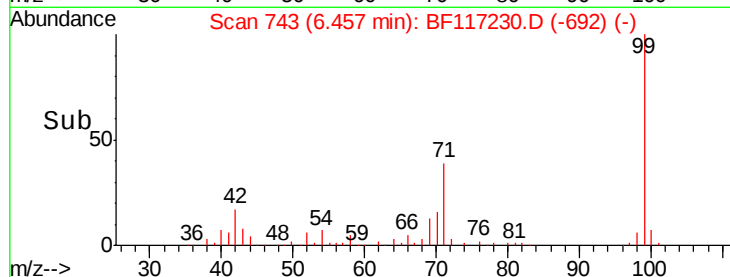
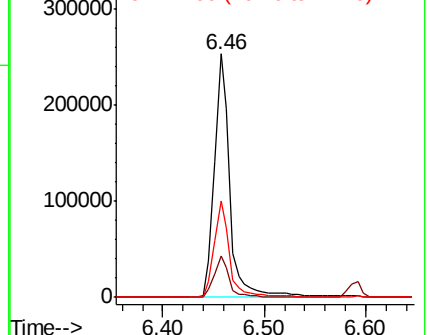
99 100

42 16.8 12.2 18.2

71 39.4 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: 6.59 min Scan# 766

Delta R.T. 0.22 min

Lab File: BF117230.D

Acq: 24 Sep 2019 21:54

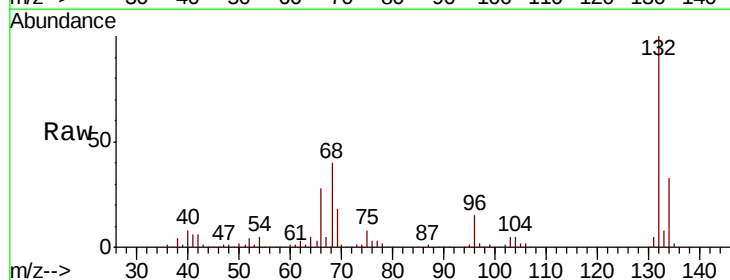
Tgt Ion: 77 Resp: 6181

Ion Ratio Lower Upper

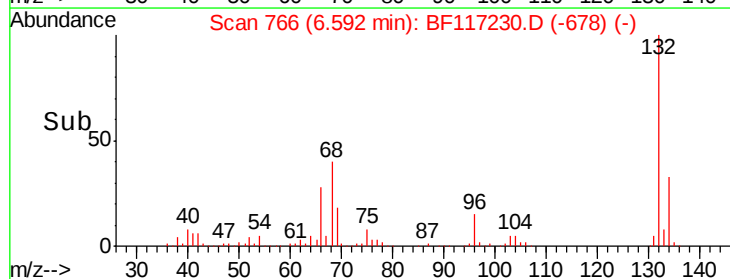
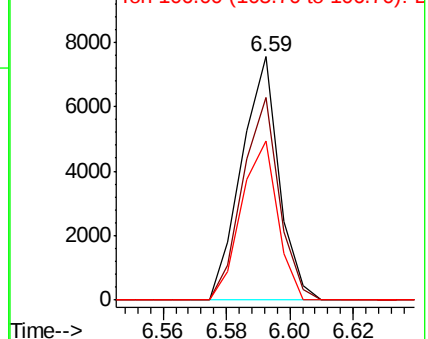
77 100

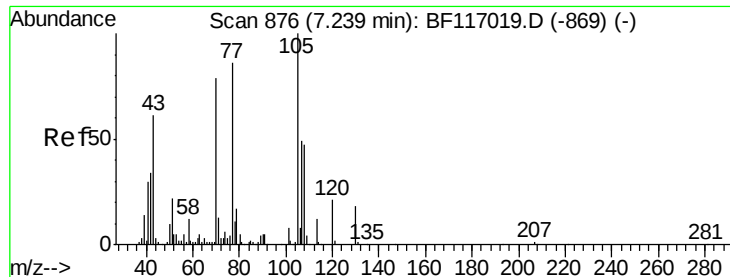
105 83.2 81.8 121.8

106 65.2 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

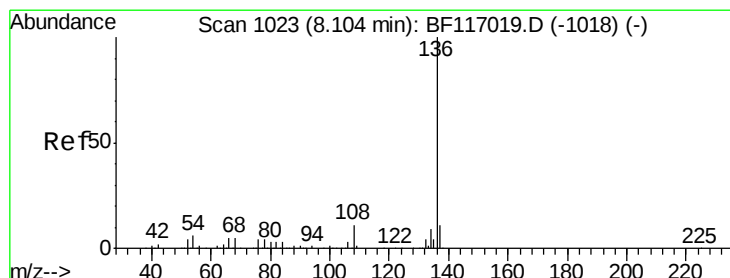
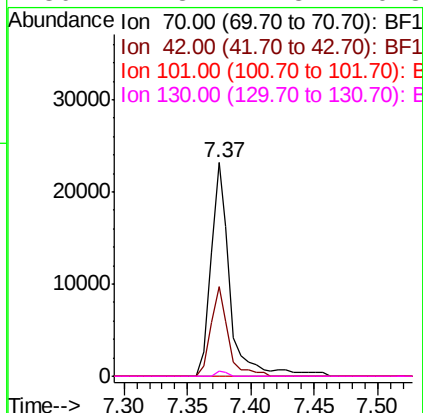
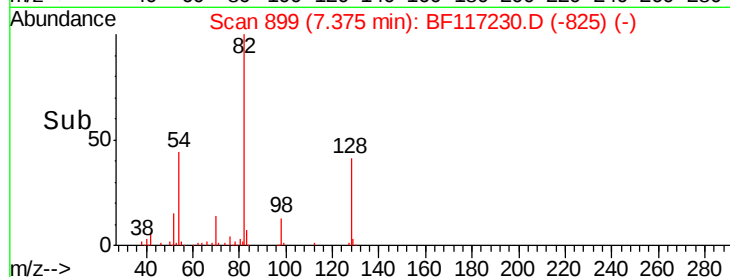
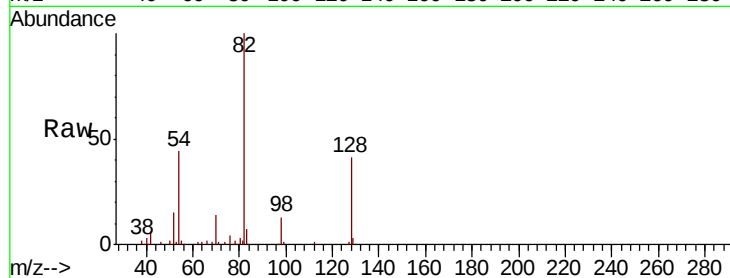




#19
n-Nitroso-di-n-propylamine
Concen: 17.227 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

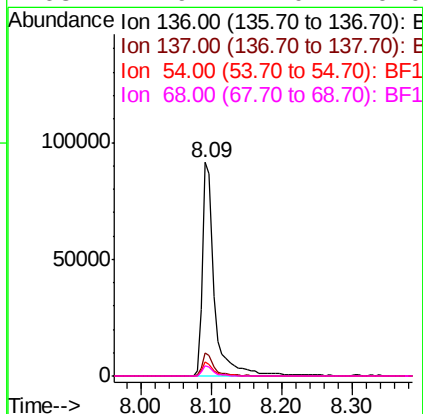
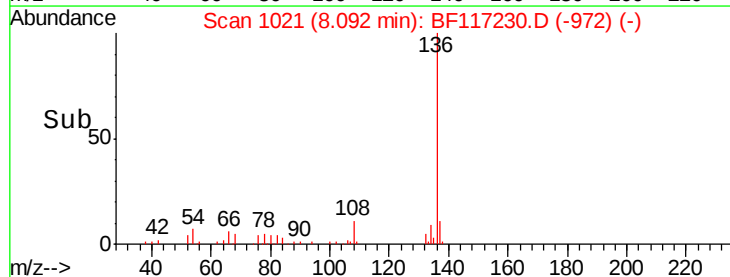
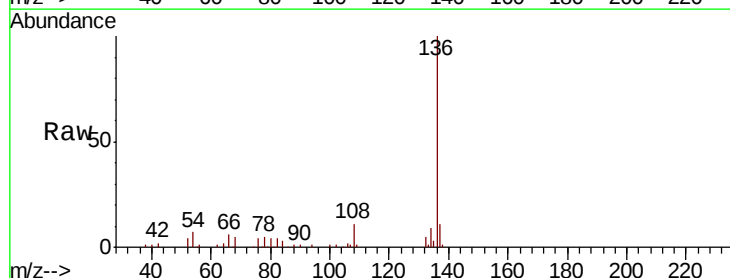
Instrument :
BNA_F
ClientSampleId :

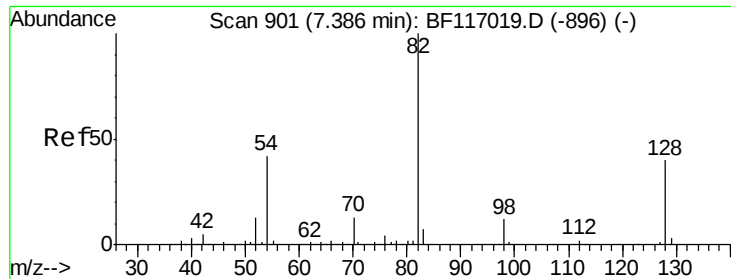
Tot Ion: 70 Resp: 24530
Ion Ratio Lower Upper
70 100
42 41.7 34.0 51.0
101 0.0 7.8 11.6#
130 2.3 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion: 136 Resp: 109905
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.5 4.5 6.7
68 4.9 4.0 6.0

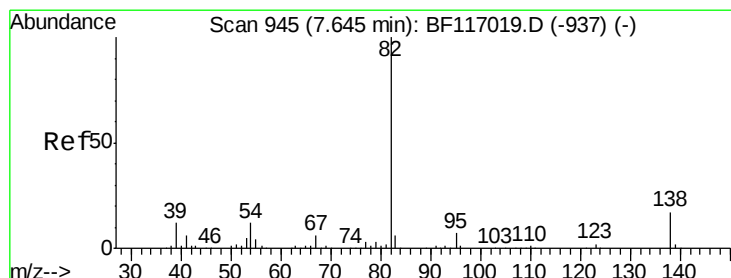
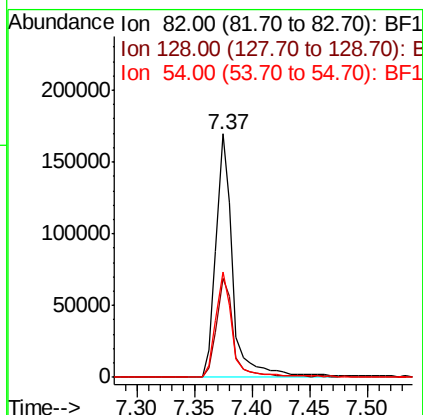
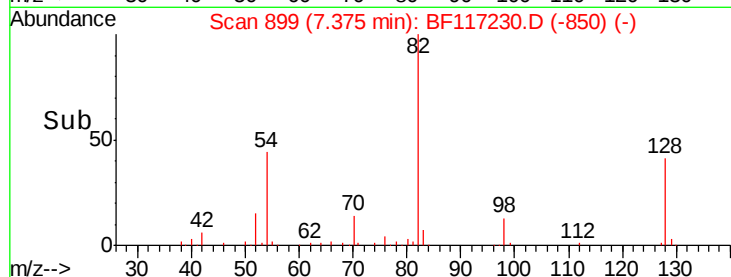
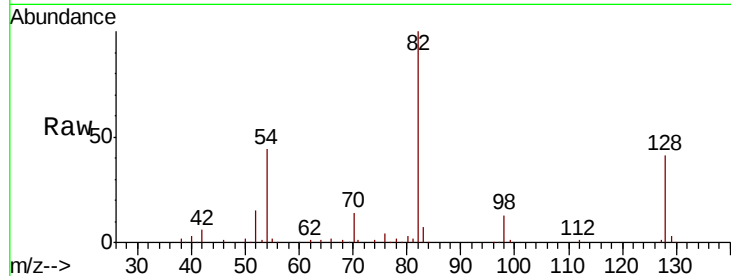




#23
 Nitrobenzene-d5
 Concen: 83.190 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

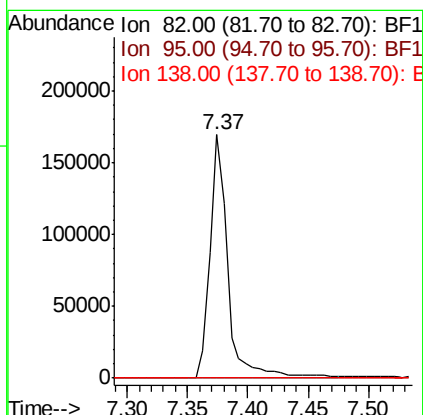
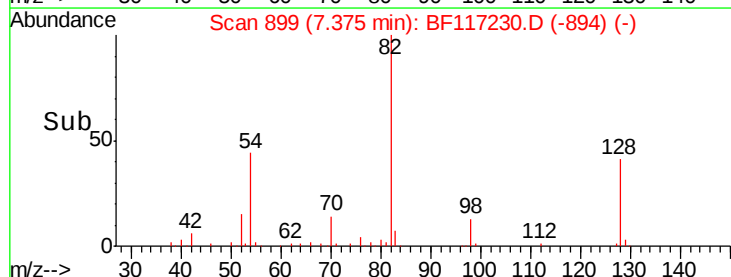
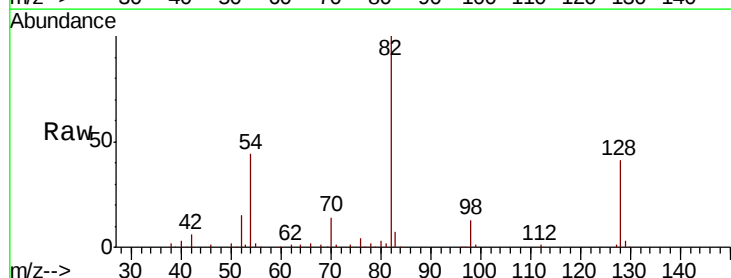
Instrument :
 BNA_F
 ClientSampleId :

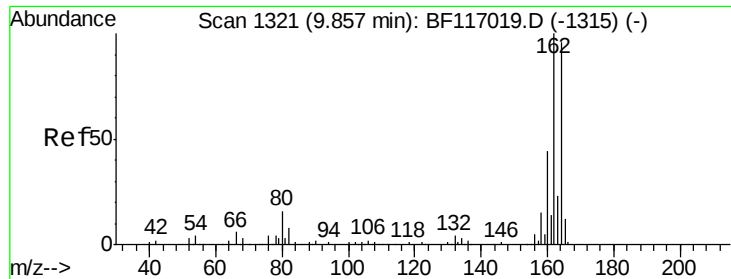
Tot Ion	82	Resp	174011
Ion Ratio	100	Lower	Upper
128	40.8	32.3	48.5
54	43.5	33.3	49.9



#25
 Isophorone
 Concen: 46.984 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.27 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Tgt Ion	82	Resp	174009
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

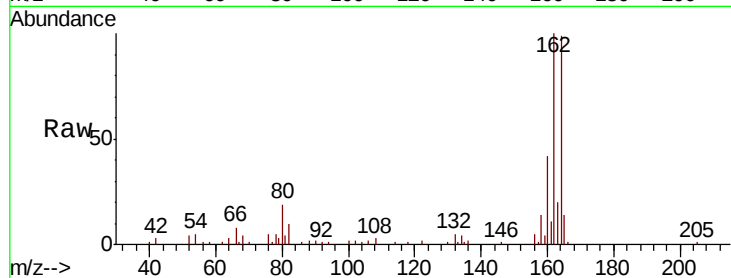




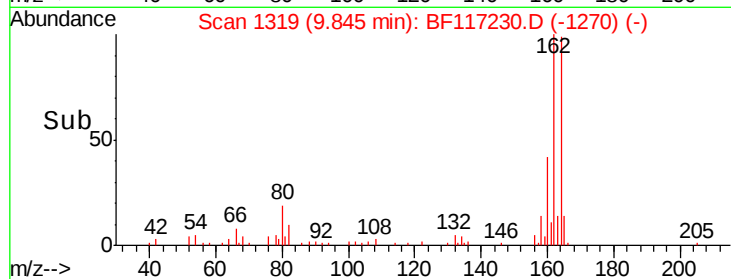
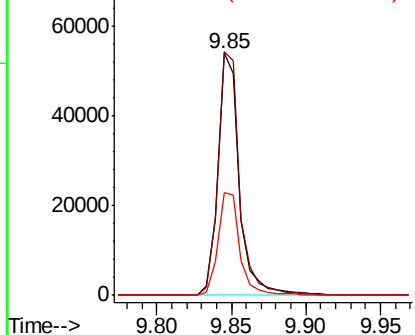
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 54019
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.4 125.2
 160 42.7 36.4 54.6

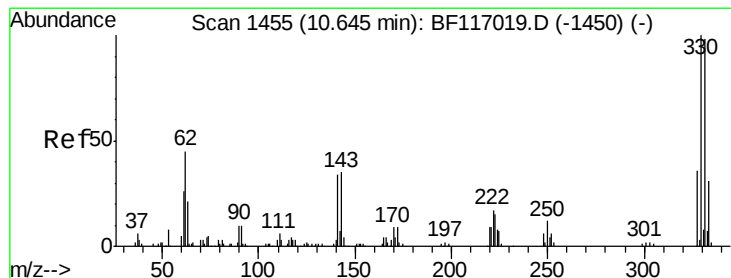


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

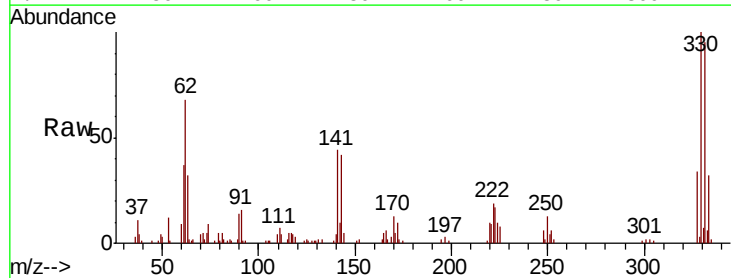
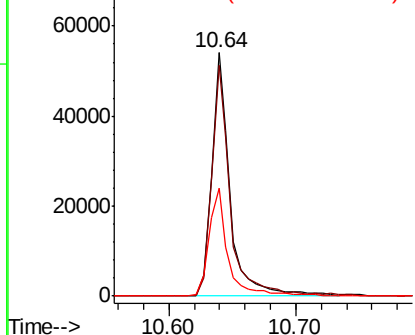


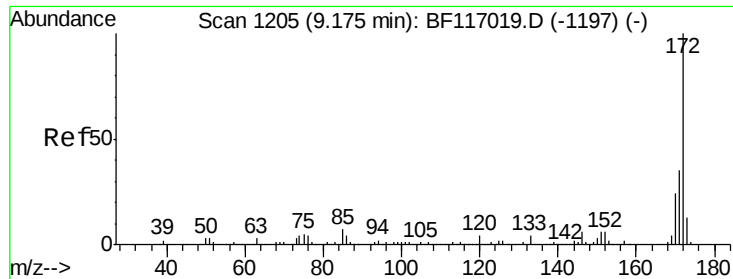
#42
 2,4,6-Tribromophenol
 Concen: 122.168 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Tgt Ion:330 Resp: 55156
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 45.6 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

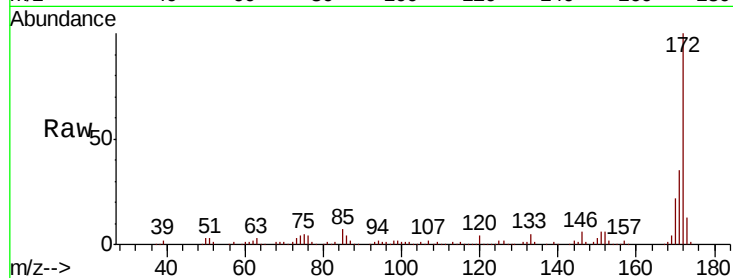




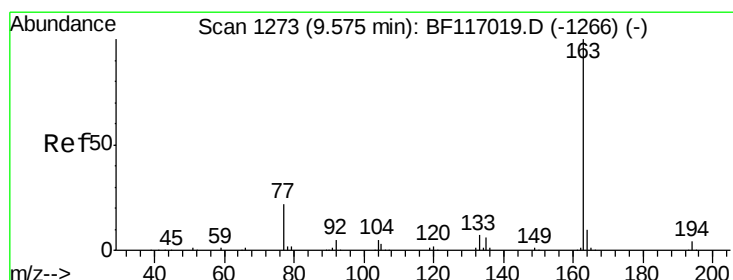
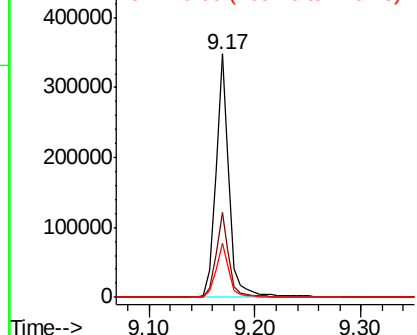
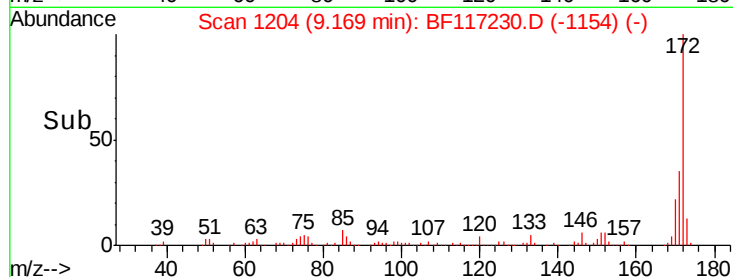
#45
2-Fluorobiphenyl
Concen: 89.745 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 310055
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 22.1 18.9 28.3

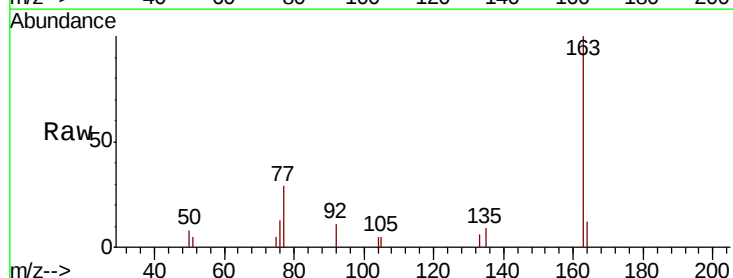


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

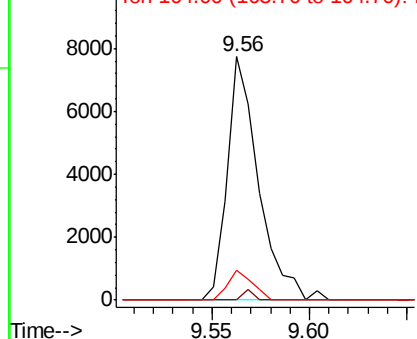
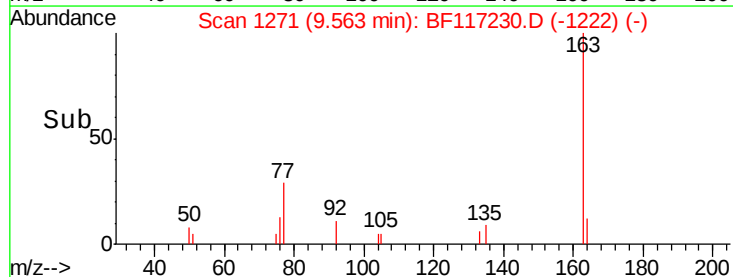


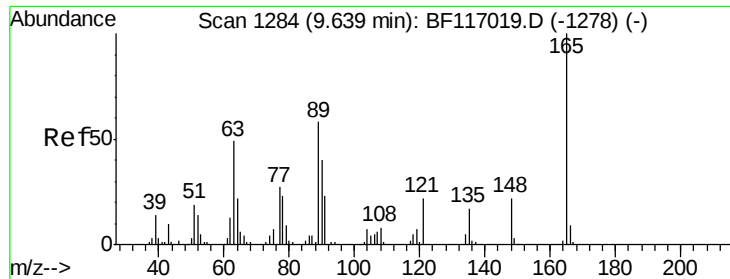
#50
Dimethylphthalate
Concen: 2.250 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion:163 Resp: 8604
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 12.2 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

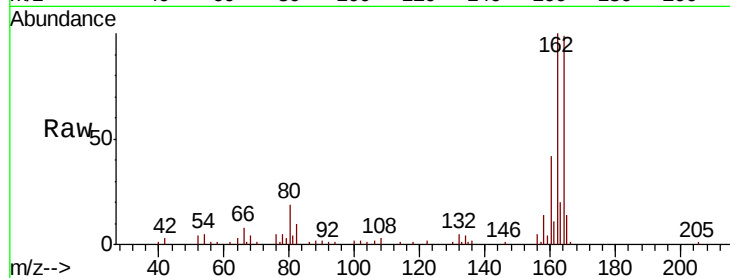




#51
 2,6-Dinitrotoluene
 Concen: 8.476 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

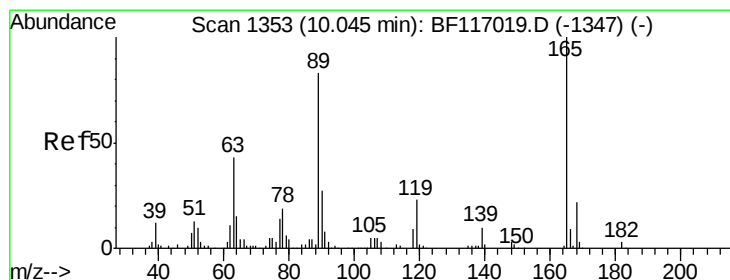
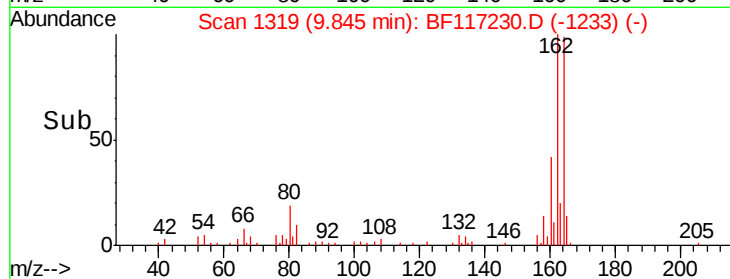
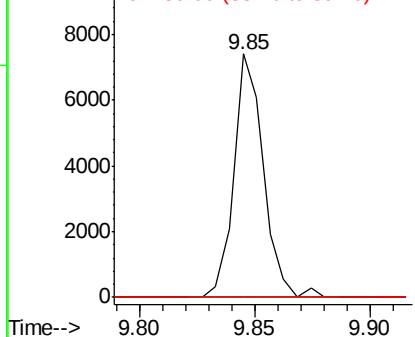
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



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: 6.530 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

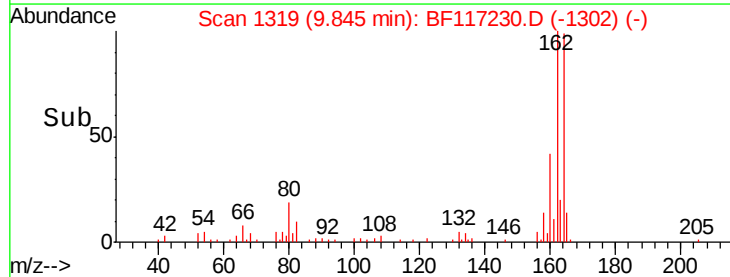
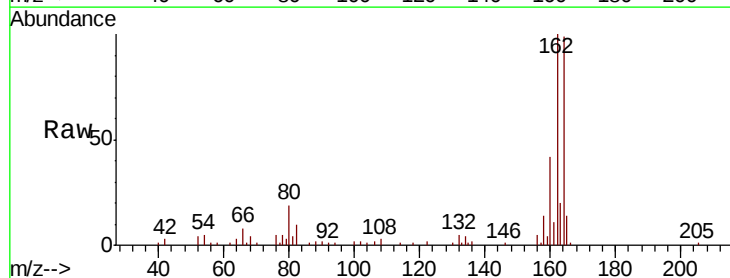
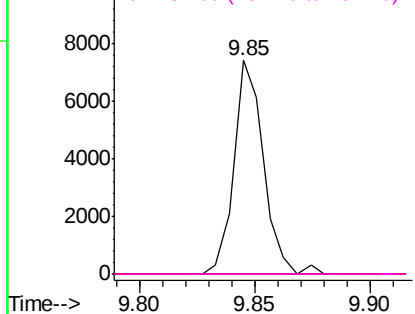
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

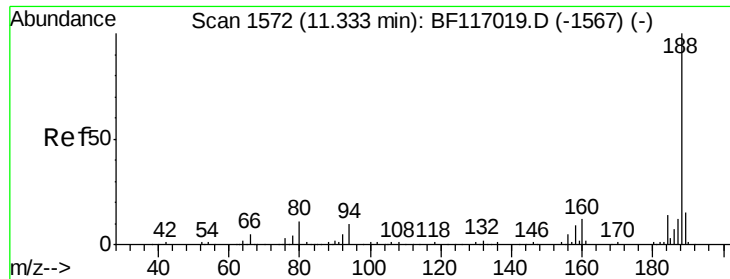
Abundance Ion 165.00 (164.70 to 165.70): E

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

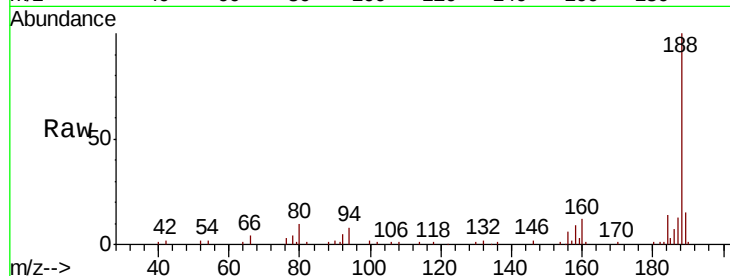




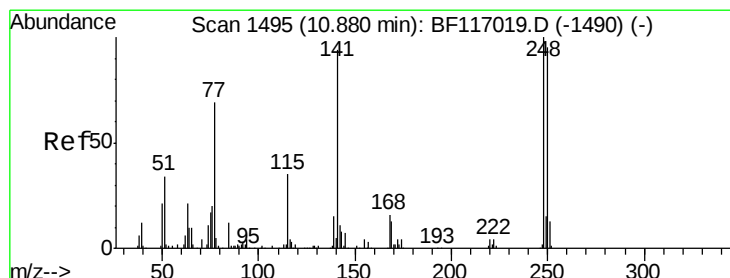
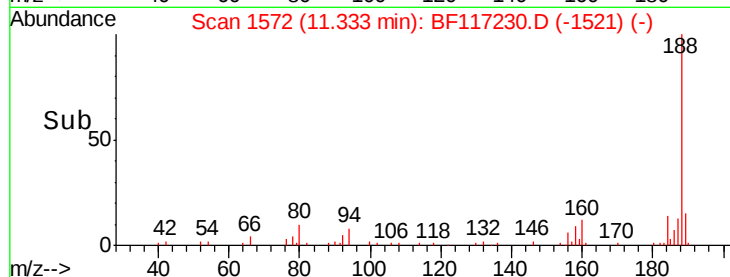
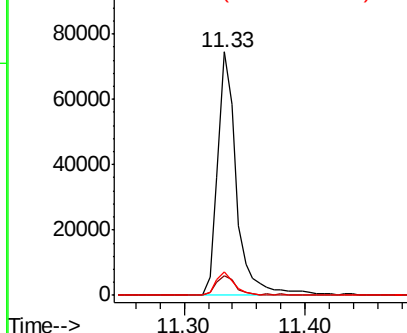
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 80430
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.2 12.2#
 80 9.9 9.0 13.6

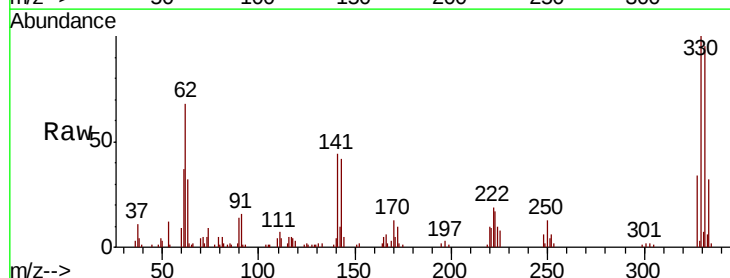


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

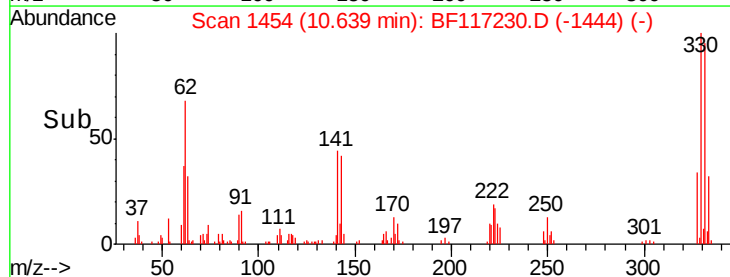
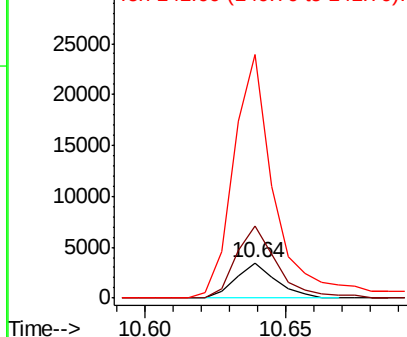


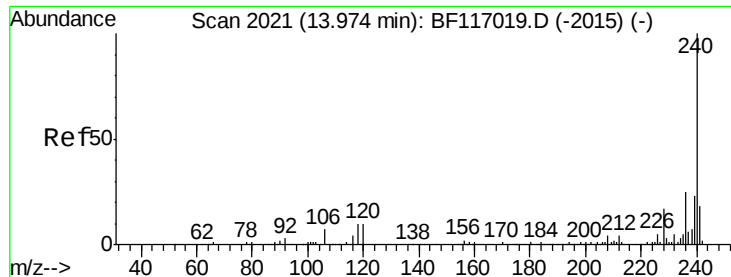
#67
 4-Bromophenyl-phenylether
 Concen: 4.173 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Tgt Ion:248 Resp: 3428
 Ion Ratio Lower Upper
 248 100
 250 204.9 76.2 114.4#
 141 693.3 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

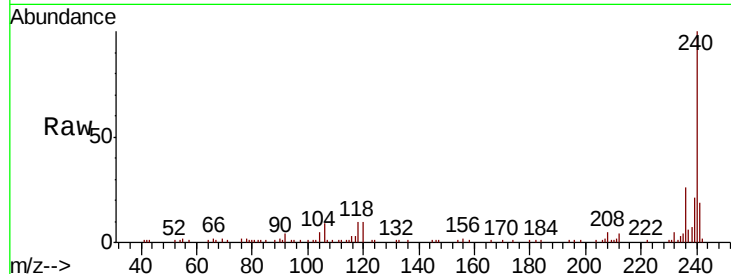




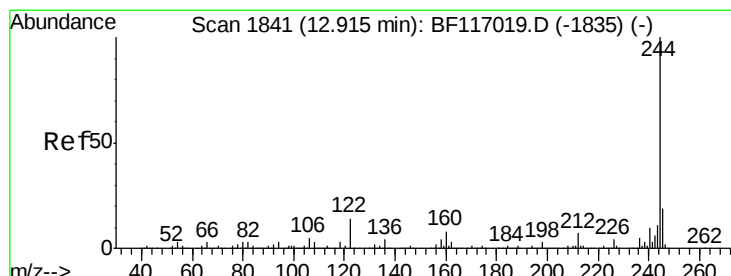
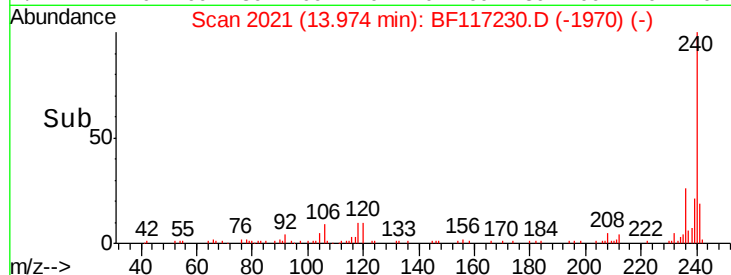
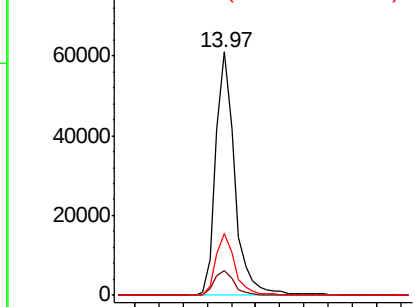
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 66103
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.6 20.3 30.5

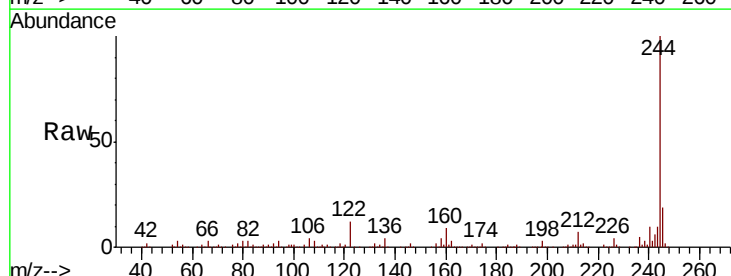


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

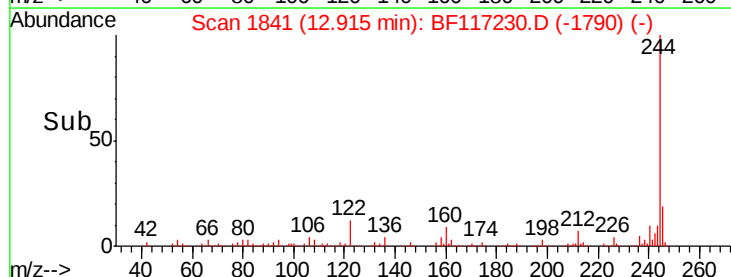
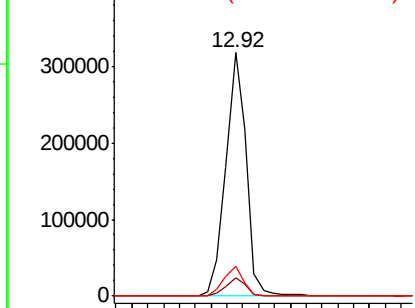


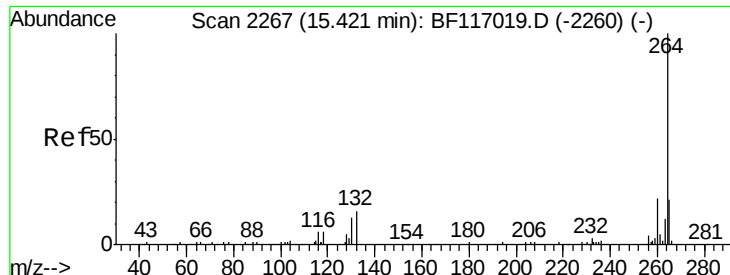
#79
Terphenyl-d14
Concen: 80.536 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion:244 Resp: 284805
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 12.5 11.3 16.9



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

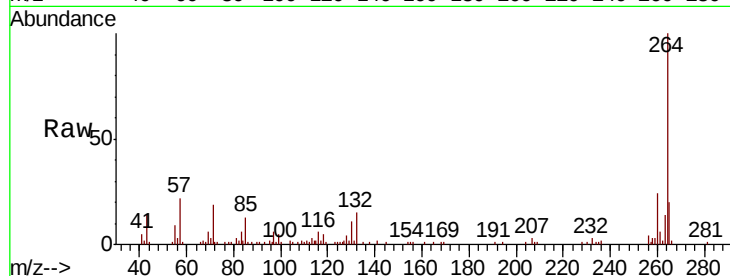




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 62544
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.6 26.4
 265 20.0 16.6 24.8



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

