

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117225.D
 Acq On : 24 Sep 2019 19:40
 Operator : JU
 Sample : K5008-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 02:39:05 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

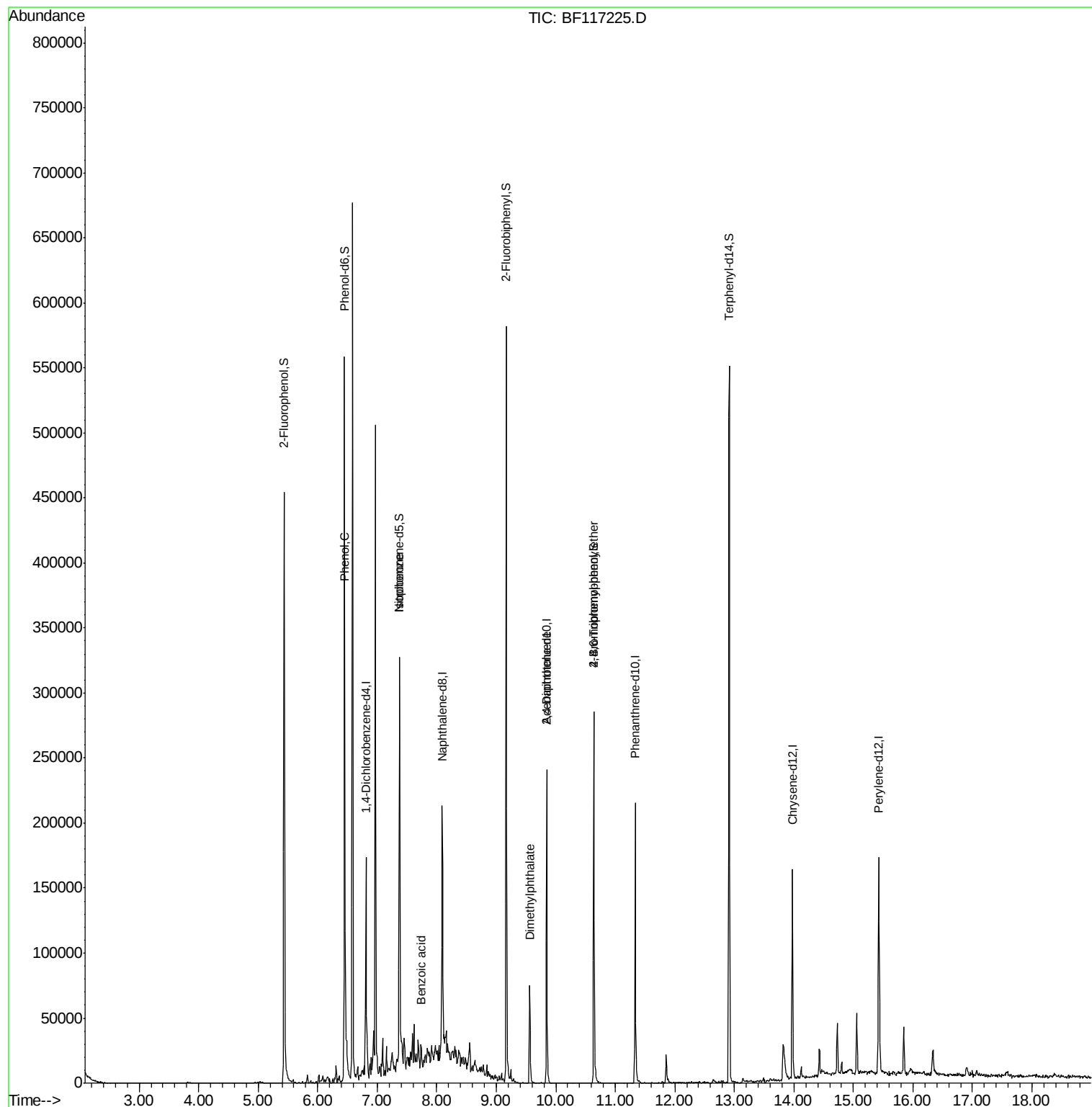
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	24645	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	95035	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	52064	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	86376	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59221	20.00	ng	0.00
87) Perylene-d12	15.43	264	67741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	144824	91.75	ng	0.00
7) Phenol-d6	6.45	99	201399	98.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	117950	65.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	38084	87.52	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	191598	57.54	ng	0.00
79) Terphenyl-d14	12.92	244	188023	59.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	301	Below Cal		Qvalue
10) Phenol	6.46	94	5266	2.342 ng	#	1
25) Isophorone	7.37	82	115197	35.971 ng	#	67
32) Benzoic acid	7.75	122	455	7.021 ng	#	28
50) Dimethylphthalate	9.56	163	34705	9.414 ng		97
57) 2,4-Dinitrotoluene	9.85	165	6352	6.518 ng	#	18
67) 4-Bromophenyl-phenylether	10.64	248	2270	2.573 ng	#	1

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

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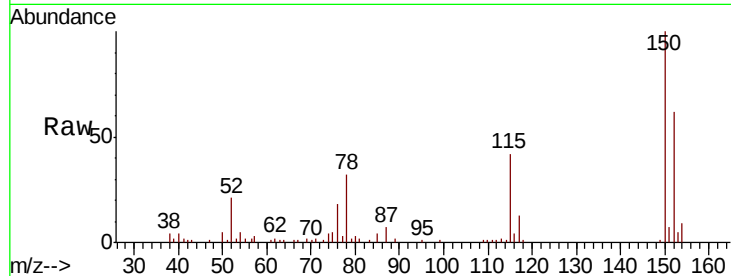


#1

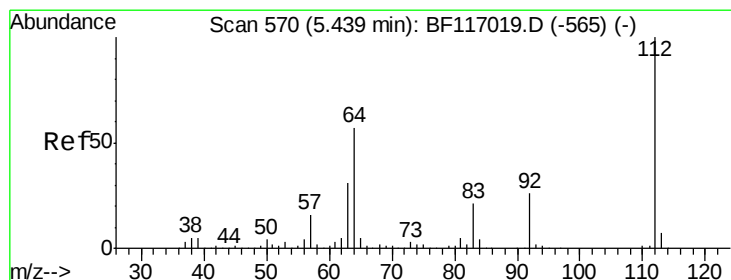
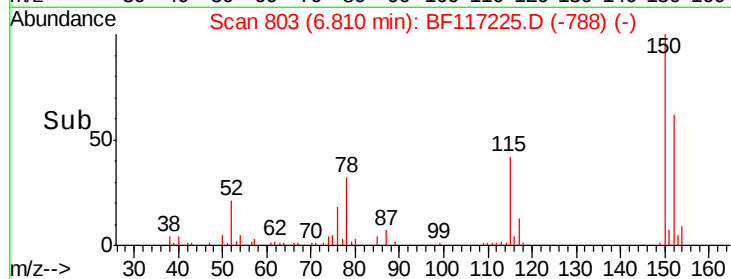
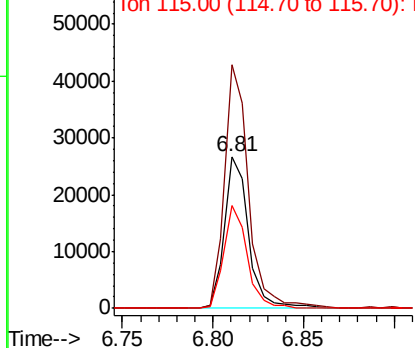
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 24645
Ion Ratio Lower Upper
152 100
150 160.3 127.5 191.3
115 68.0 55.0 82.4



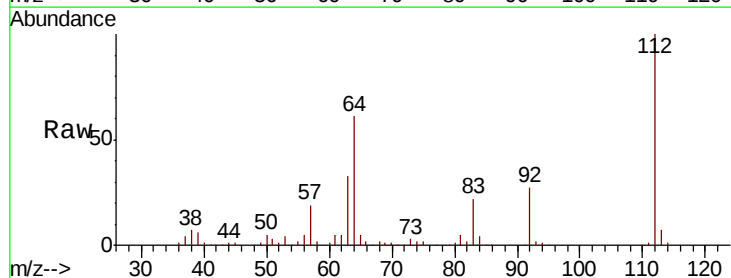
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



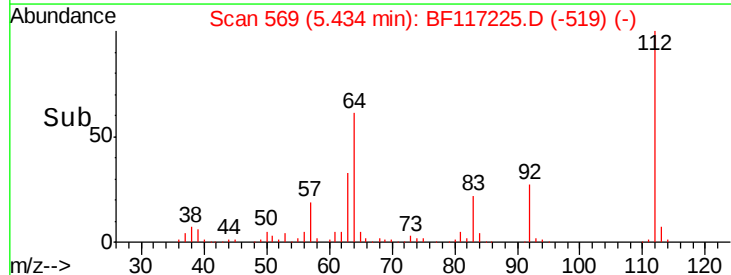
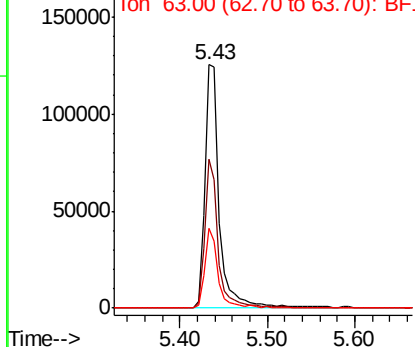
#5

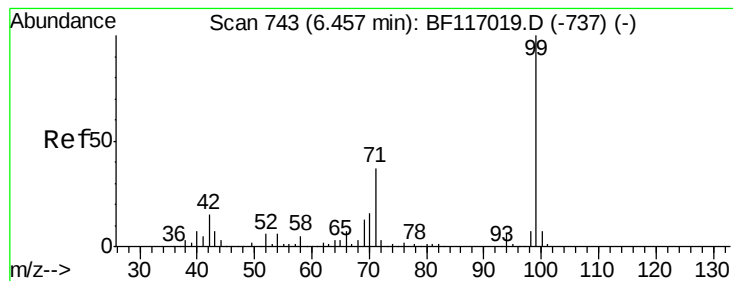
2-Fluorophenol
Concen: 91.745 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Tgt Ion:112 Resp: 144824
Ion Ratio Lower Upper
112 100
64 61.0 45.7 68.5
63 32.7 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: 98.723 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

Instrument :

BNA_F

ClientSampled :

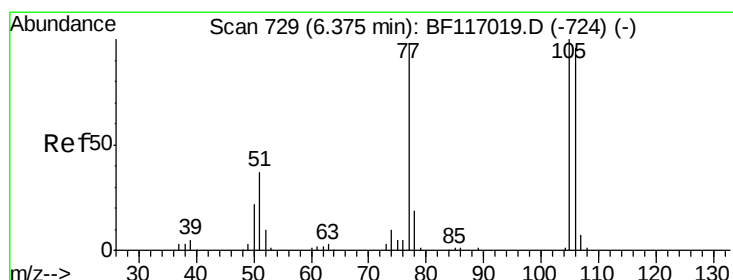
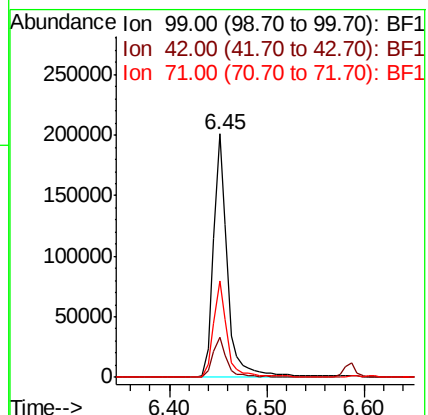
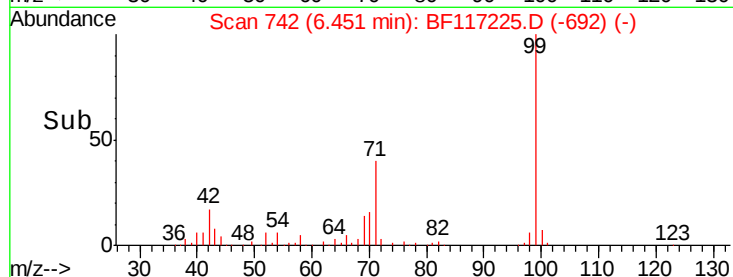
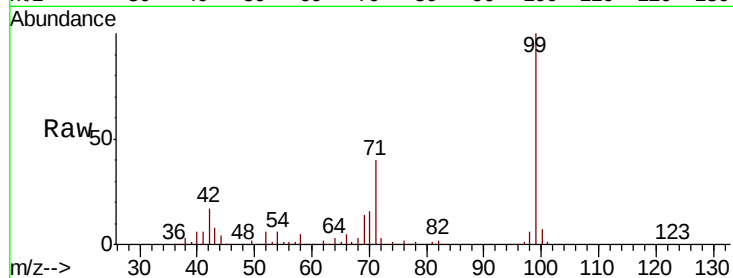
Tot Ion: 99 Resp: 201399

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 39.7 29.8 44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.45 min Scan# 742

Delta R.T. 0.08 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

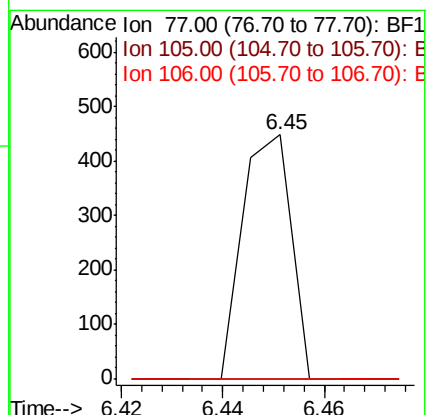
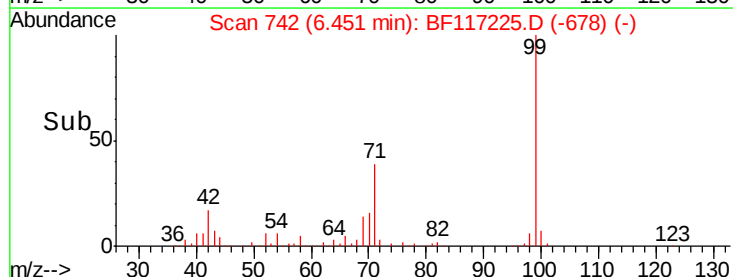
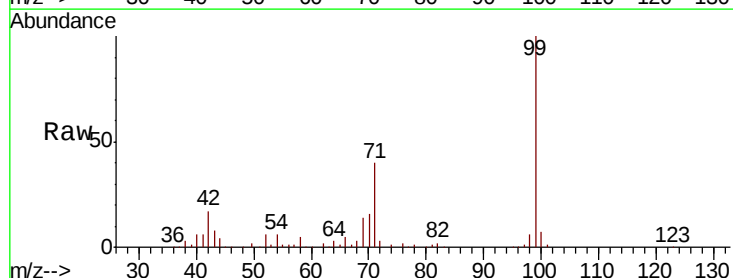
Tgt Ion: 77 Resp: 301

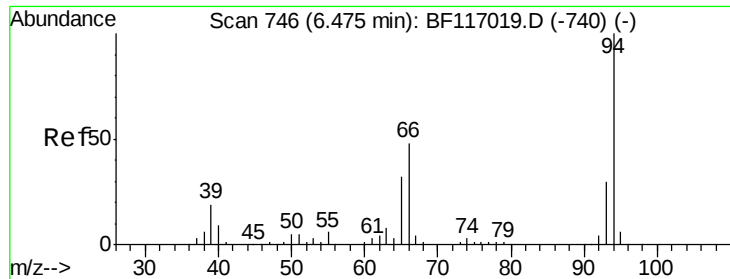
Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

106 0.0 77.3 117.3#

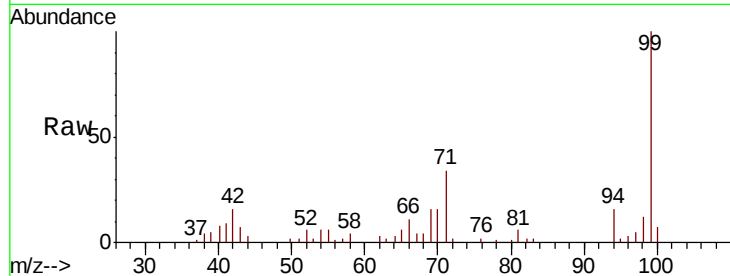




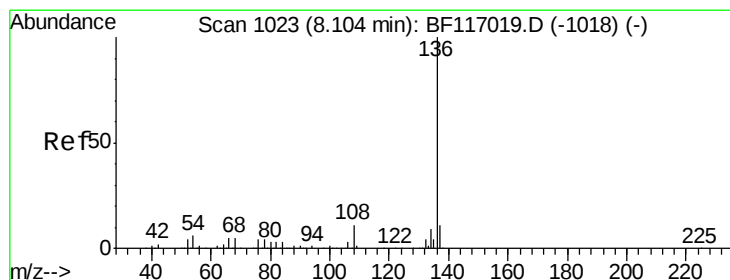
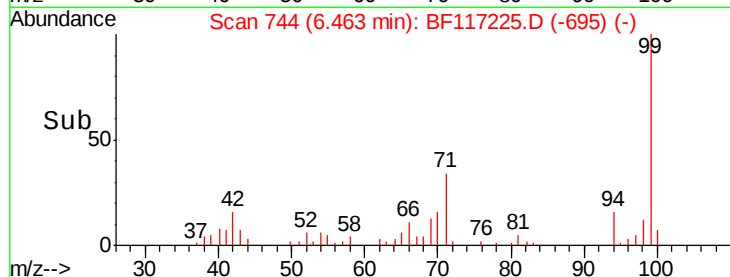
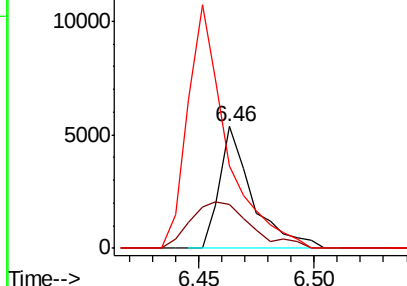
#10
Phenol
Concen: 2.342 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 94 Resp: 5266
Ion Ratio Lower Upper
94 100
65 36.1 12.5 52.5
66 67.8 28.9 68.9



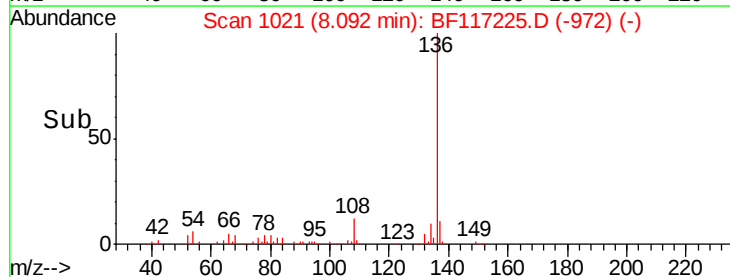
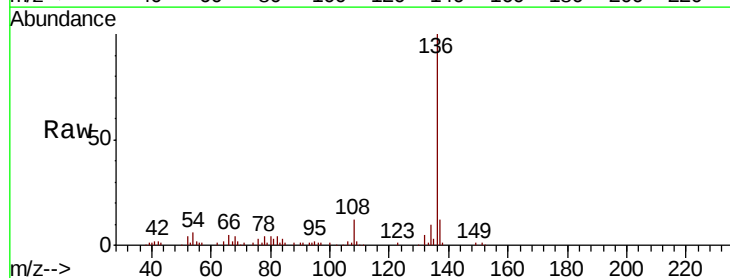
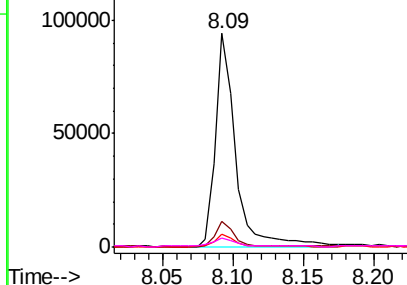
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

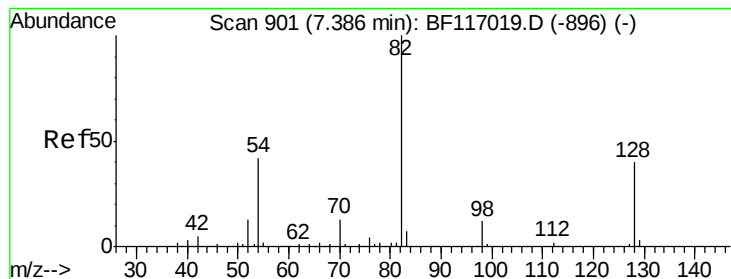


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Tgt Ion: 136 Resp: 95035
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 6.0 4.5 6.7
68 4.5 4.0 6.0

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: 65.212 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

Instrument :

BNA_F

ClientSampled :

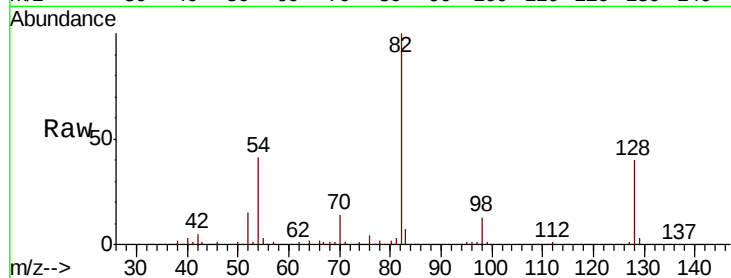
Tot Ion: 82 Resp: 117950

Ion Ratio Lower Upper

82 100

128 40.4 32.3 48.5

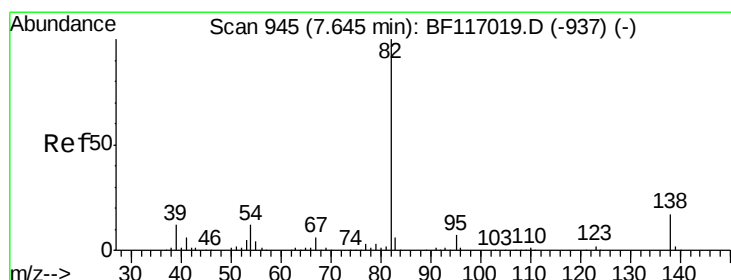
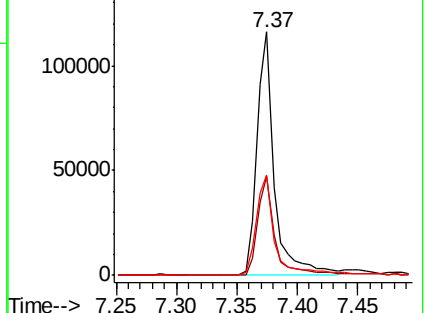
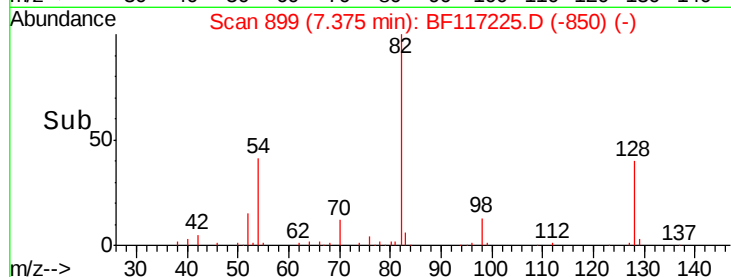
54 41.3 33.3 49.9



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: 35.971 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.27 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

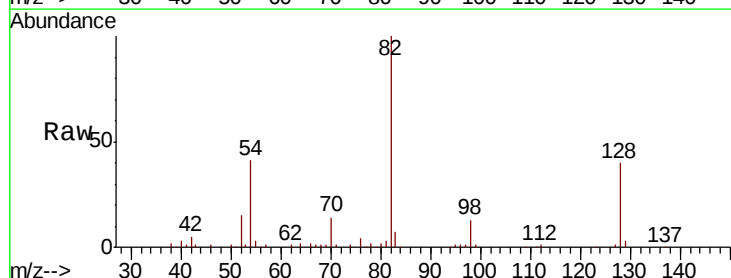
Tgt Ion: 82 Resp: 115197

Ion Ratio Lower Upper

82 100

95 1.0 5.8 8.6#

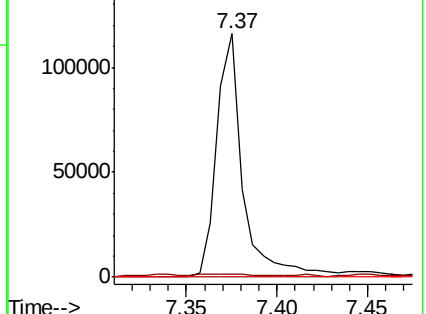
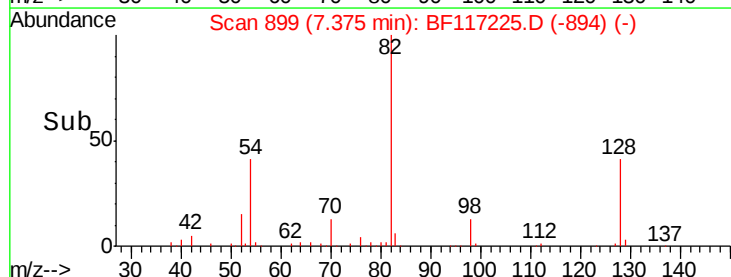
138 0.0 13.5 20.3#

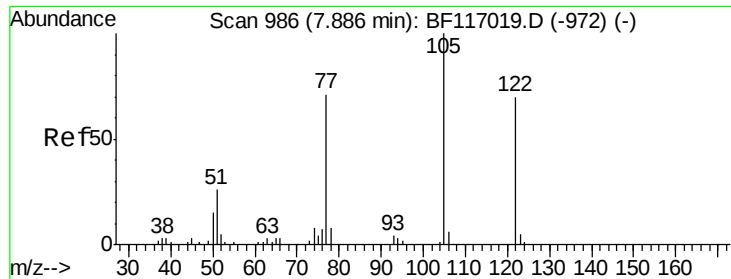


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 7.021 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.13 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

Instrument :

BNA_F

ClientSampleId :

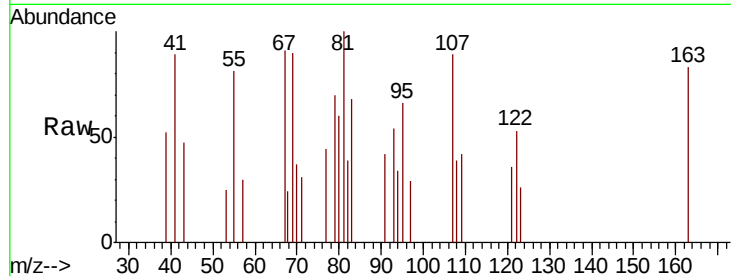
Tot Ion:122 Resp: 455

Ion Ratio Lower Upper

122 100

105 0.0 114.8 154.8#

77 82.5 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

7.75

600

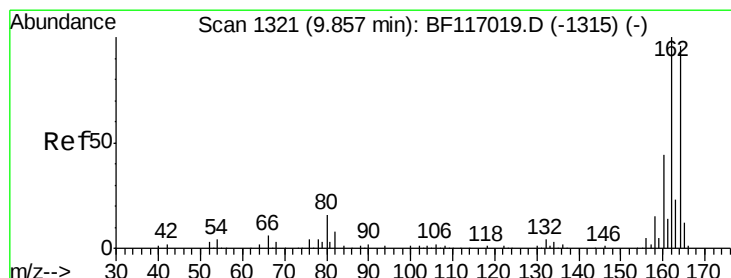
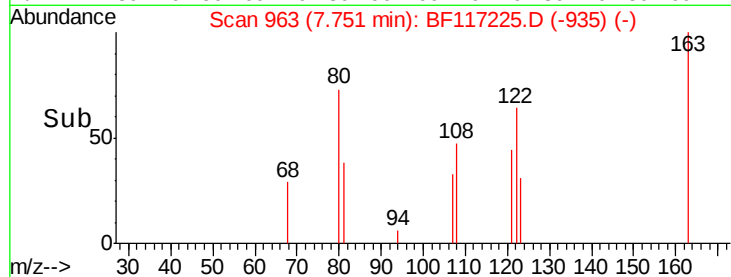
400

200

0

7.72 7.74 7.76

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

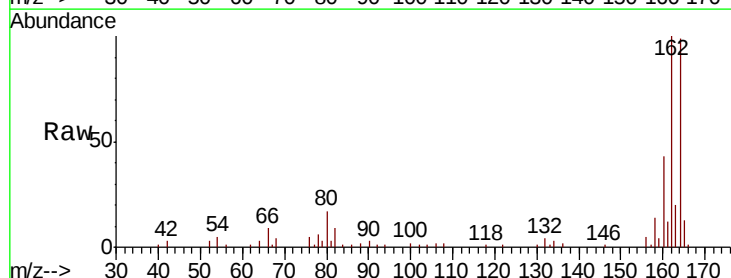
Tgt Ion:164 Resp: 52064

Ion Ratio Lower Upper

164 100

162 101.2 83.4 125.2

160 43.5 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

9.85

80000

60000

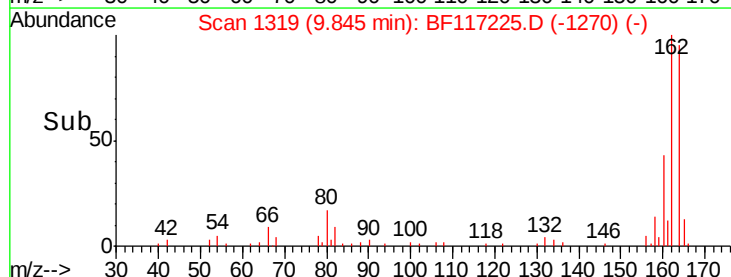
40000

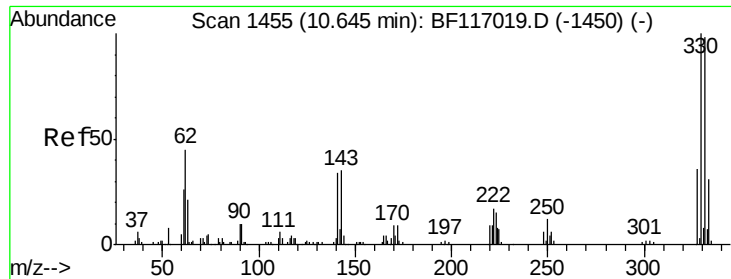
20000

0

9.80 9.85 9.90 9.95

Time-->





#42

2,4,6-Tribromophenol

Concen: 87.522 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

Instrument :

BNA_F

ClientSampled :

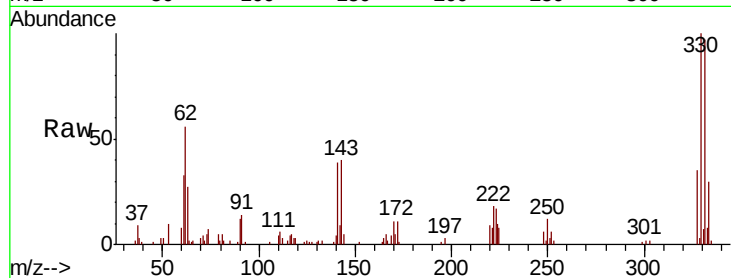
Tot Ion:330 Resp: 38084

Ion Ratio Lower Upper

330 100

332 95.2 78.0 117.0

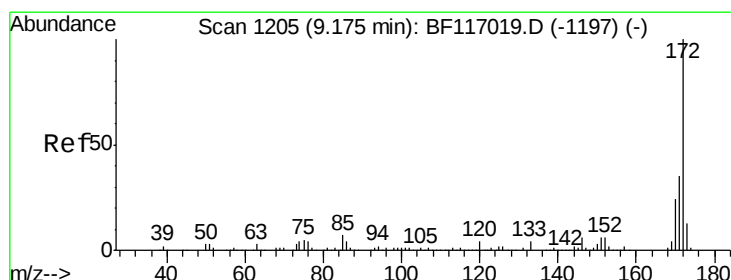
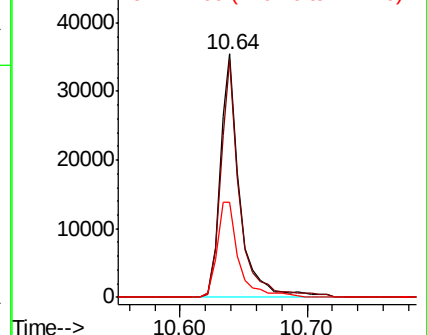
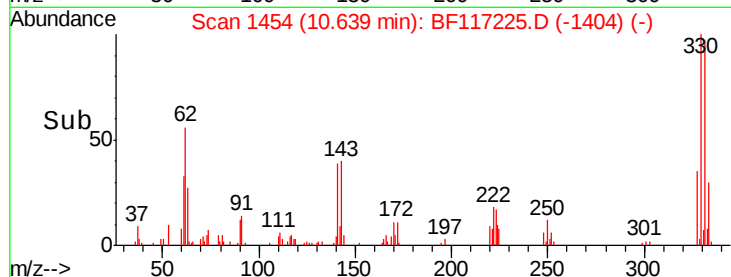
141 43.9 35.8 53.6



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: 57.540 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

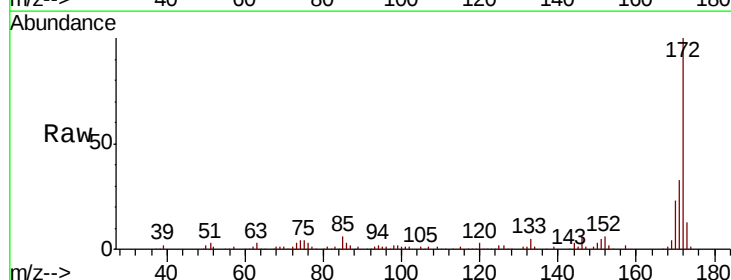
Tgt Ion:172 Resp: 191598

Ion Ratio Lower Upper

172 100

171 33.3 28.2 42.2

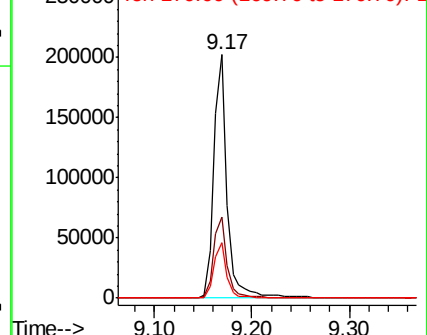
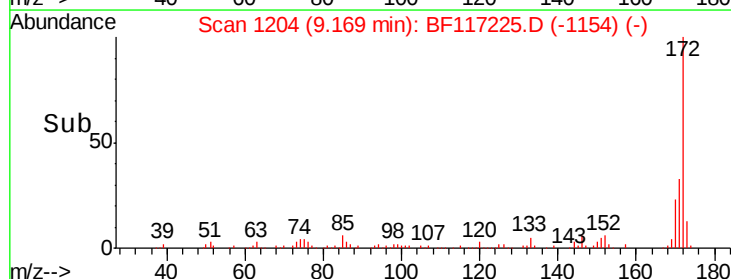
170 22.8 18.9 28.3

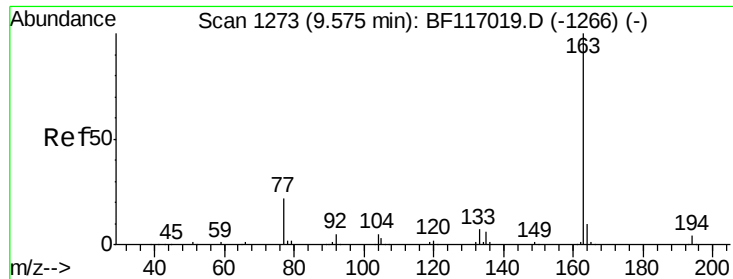


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

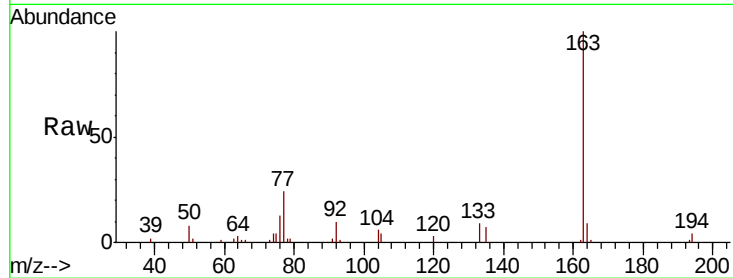




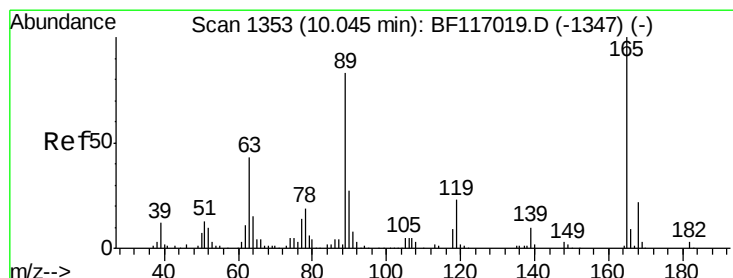
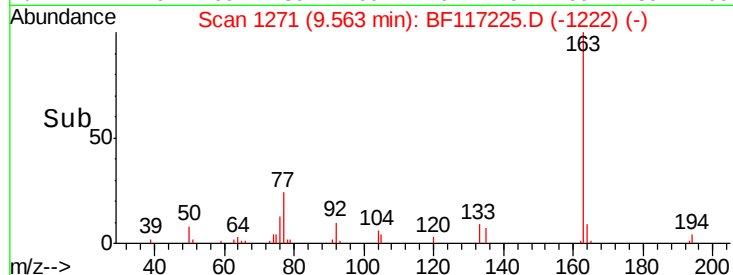
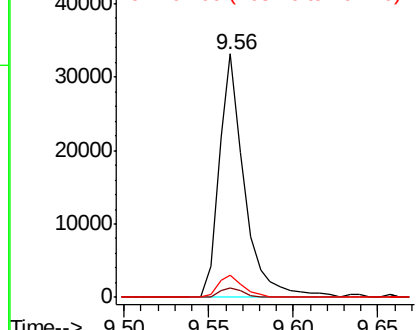
#50
Dimethylphthalate
Concen: 9.414 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	34705
Ion Ratio	Lower	Upper
163	100	
194	3.8	2.9 4.3
164	9.1	8.2 12.4

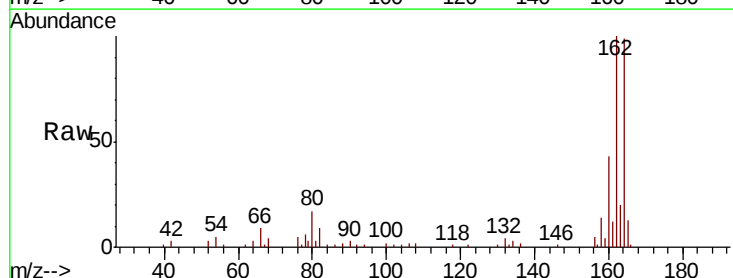


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

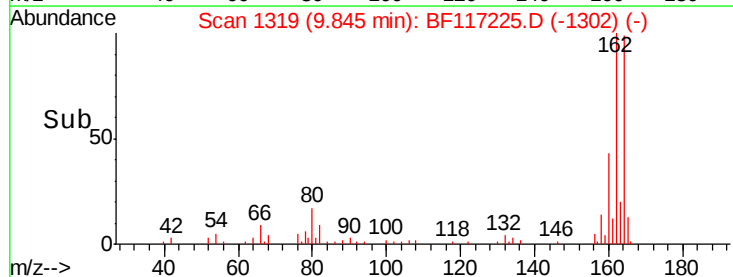
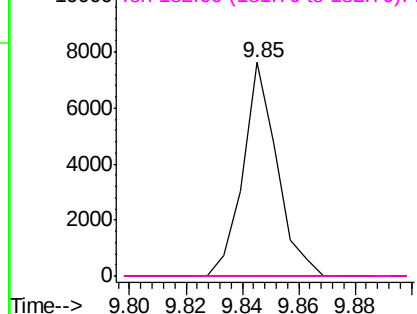


#57
2,4-Dinitrotoluene
Concen: 6.518 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Tgt Ion:165	Resp:	6352
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

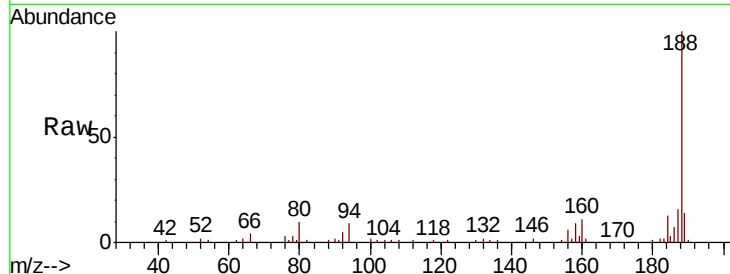




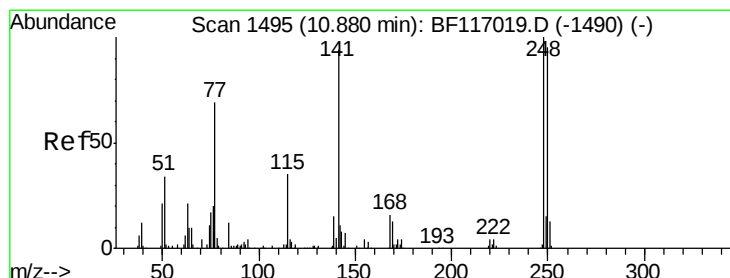
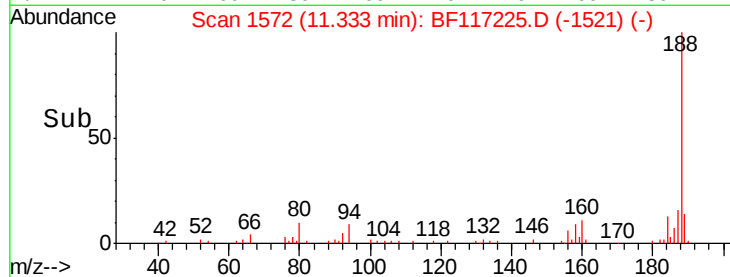
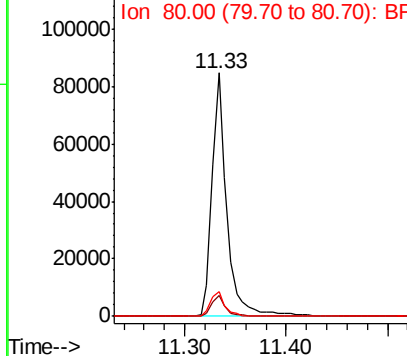
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117225.D
 Acq: 24 Sep 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 86376
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.2 12.2
 80 9.9 9.0 13.6

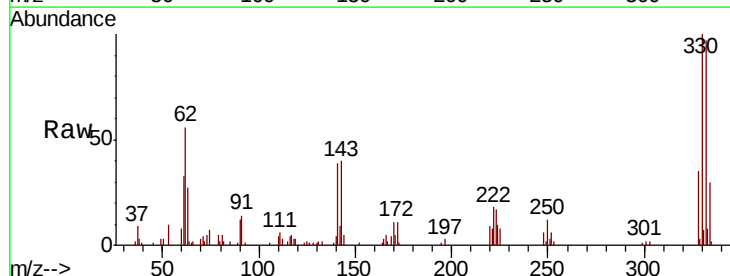


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

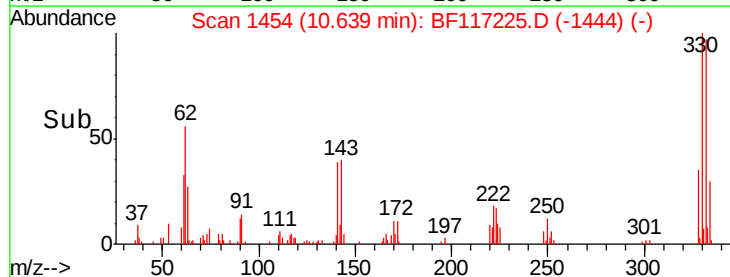
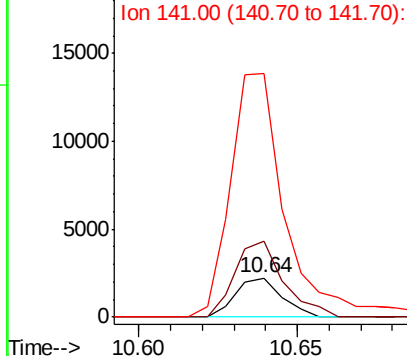


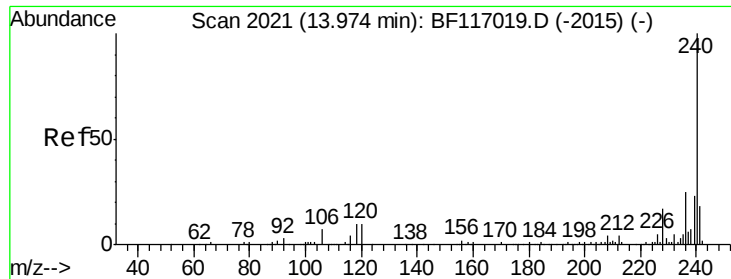
#67
 4-Bromophenyl-phenylether
 Concen: 2.573 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117225.D
 Acq: 24 Sep 2019 19:40

Tgt Ion:248 Resp: 2270
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.2 114.4#
 141 617.9 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

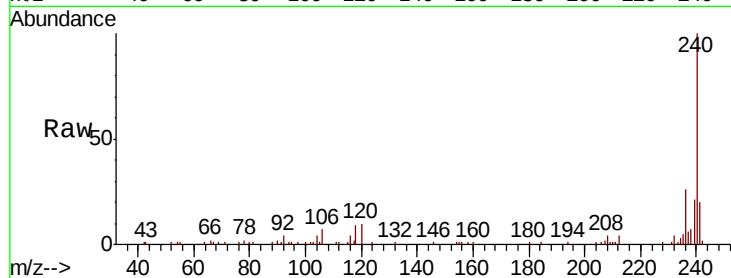




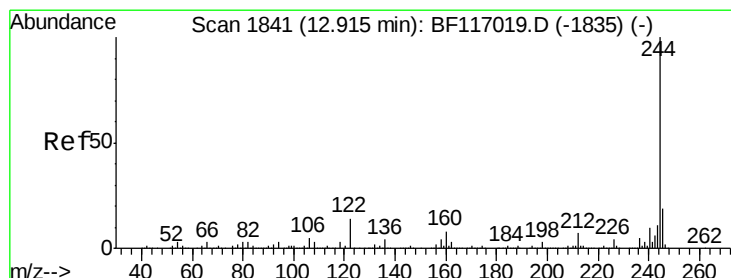
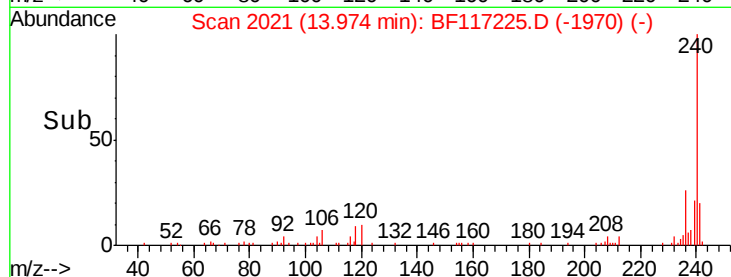
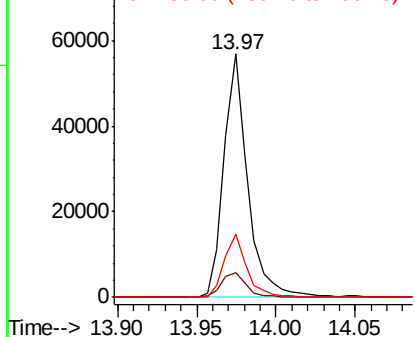
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 59221
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.0 20.3 30.5

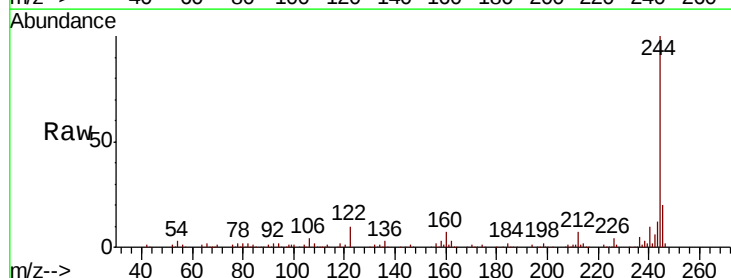


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

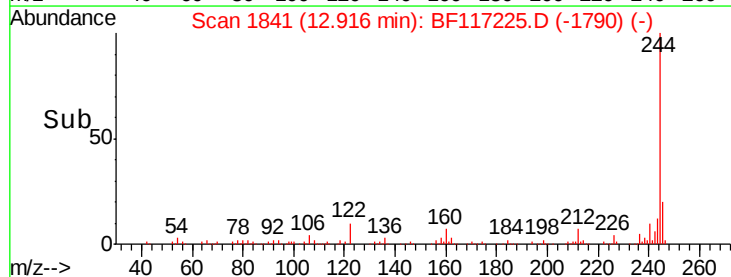
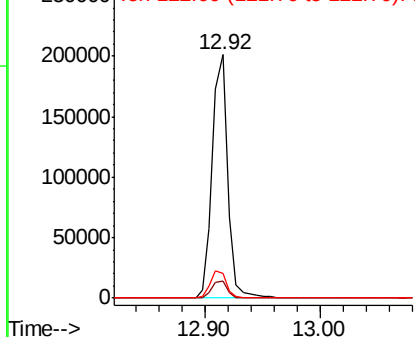


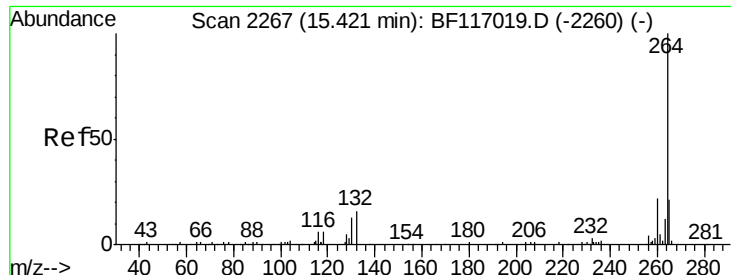
#79
Terphenyl-d14
Concen: 59.347 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Tgt Ion:244 Resp: 188023
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.4 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

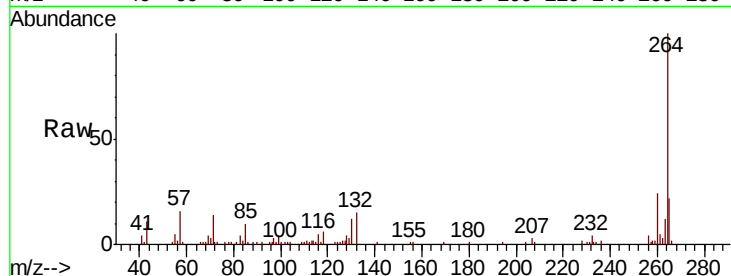




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117225.D
 Acq: 24 Sep 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 67741
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.6 26.4
 265 22.2 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

