

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117123.D
 Acq On : 17 Sep 2019 22:37
 Operator : HP/JU
 Sample : K4924-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:54:27 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

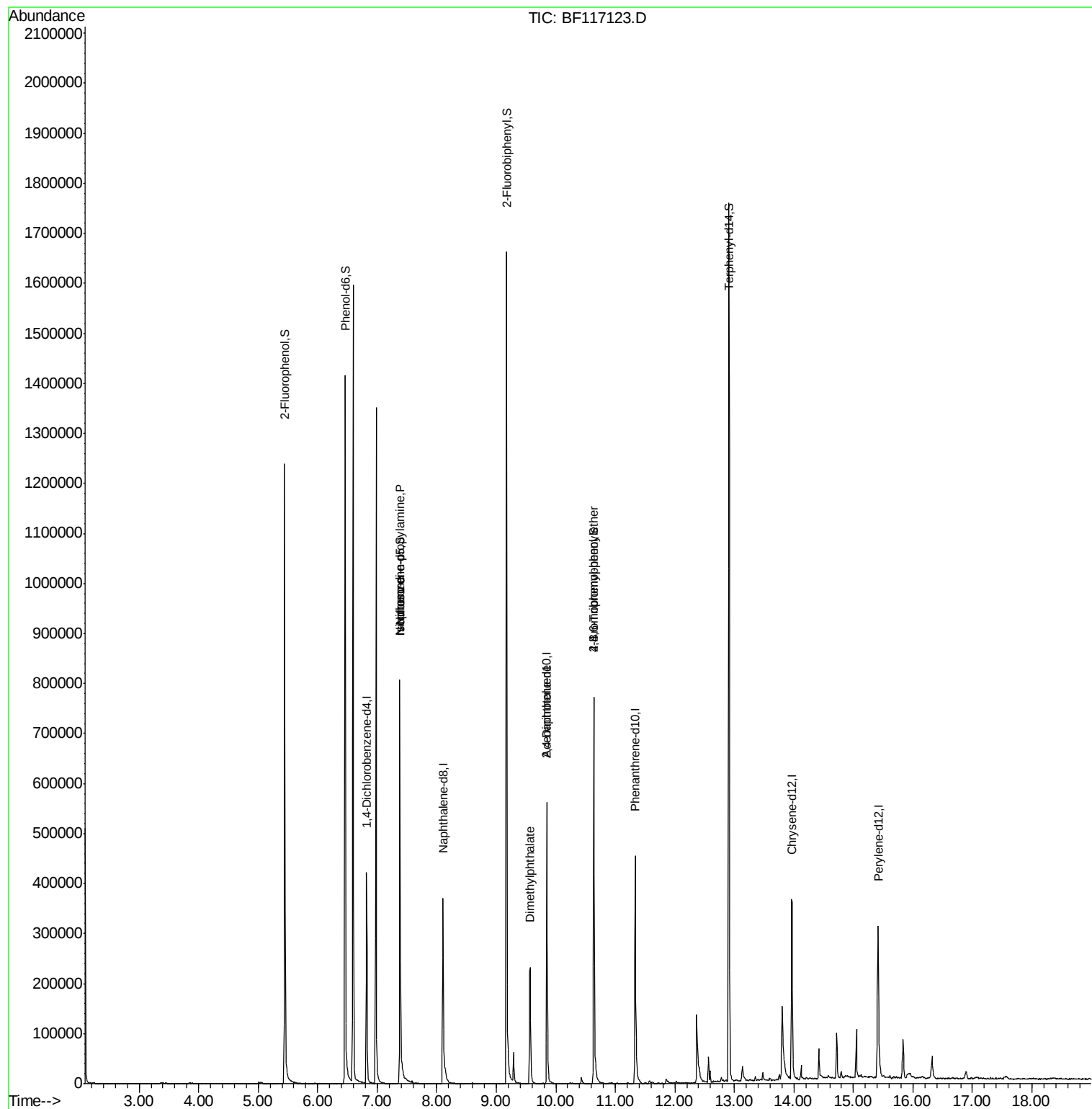
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63640	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	252209	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	131881	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	221518	20.00	ng	0.00
76) Chrysene-d12	13.97	240	158451	20.00	ng	0.00
87) Perylene-d12	15.42	264	142990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	417512	102.43	ng	0.01
7) Phenol-d6	6.46	99	570988	108.39	ng	0.00
23) Nitrobenzene-d5	7.38	82	342153	71.28	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	109107	98.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	617218	73.18	ng	0.00
79) Terphenyl-d14	12.91	244	597924	70.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	792	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	47349	14.761	ng	# 1
25) Isophorone	7.38	82	342147	40.257	ng	# 81
50) Dimethylphthalate	9.57	163	138056	14.785	ng	# 66
57) 2,4-Dinitrotoluene	9.85	165	16285	6.597	ng	# 99
67) 4-Bromophenyl-phenylether	10.64	248	7016	3.101	ng	# 18

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

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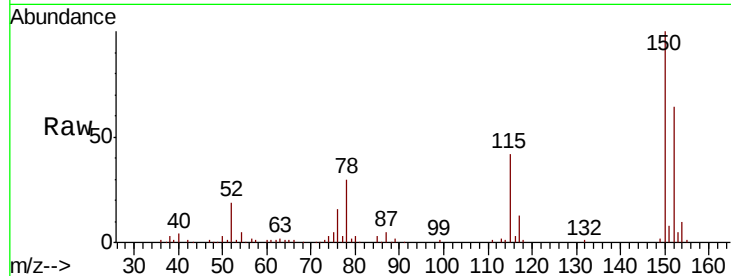


#1

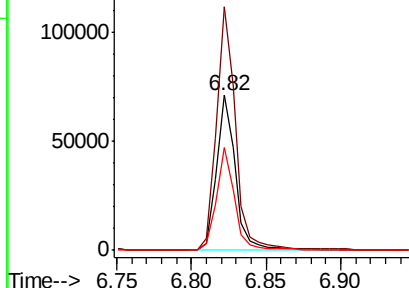
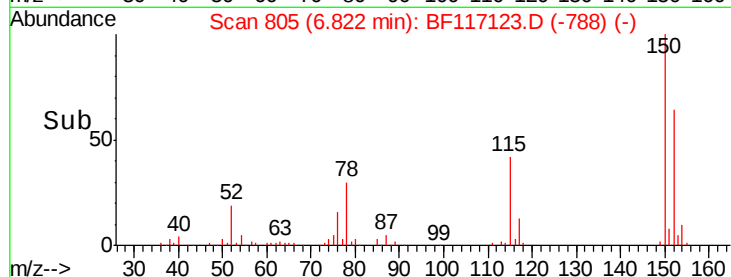
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63640
Ion Ratio Lower Upper
152 100
150 157.4 127.5 191.3
115 66.5 55.0 82.4



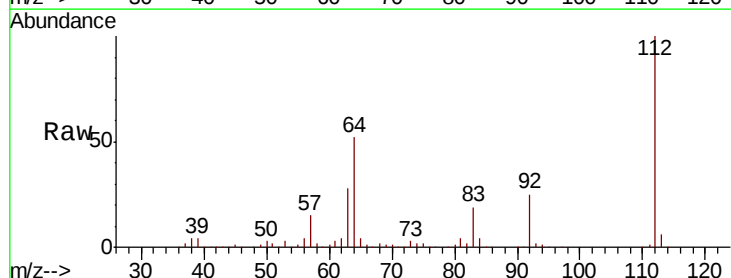
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



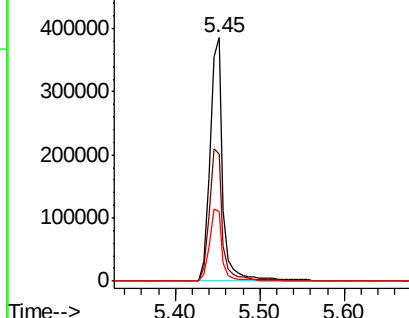
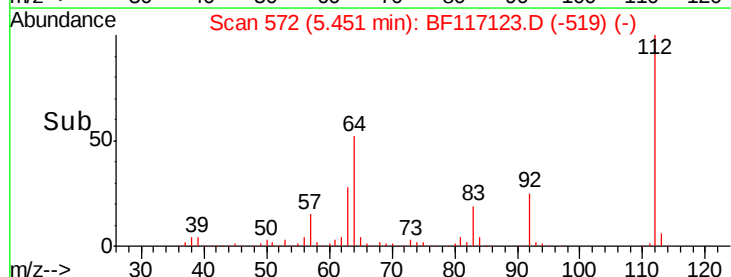
#5

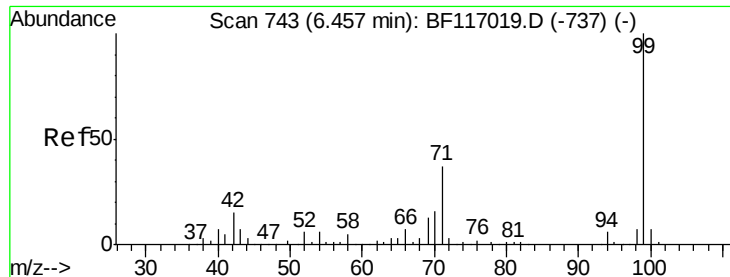
2-Fluorophenol
Concen: 102.426 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

Tgt Ion:112 Resp: 417512
Ion Ratio Lower Upper
112 100
64 52.4 45.7 68.5
63 28.4 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: 108.389 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117123.D

Acq: 17 Sep 2019 22:37

Instrument :

BNA_F

ClientSampleId :

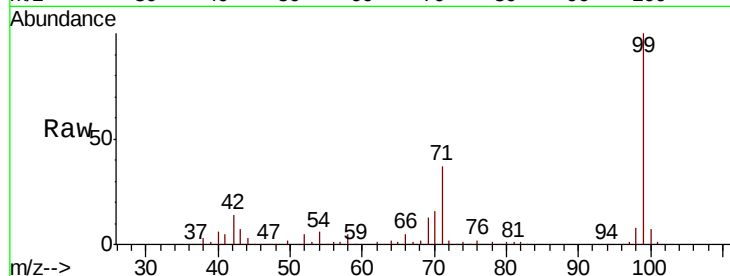
Tot Ion: 99 Resp: 570988

Ion Ratio Lower Upper

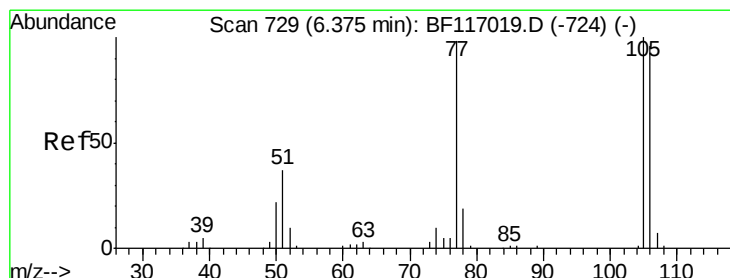
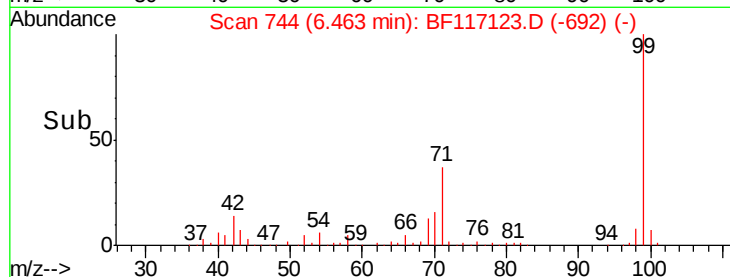
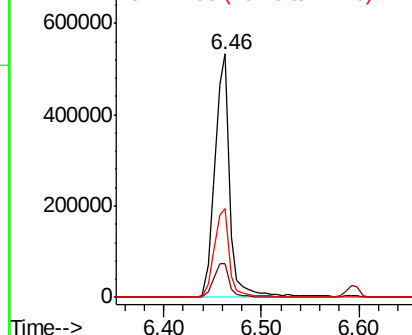
99 100

42 14.0 12.2 18.2

71 36.7 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# 744

Delta R.T. 0.09 min

Lab File: BF117123.D

Acq: 17 Sep 2019 22:37

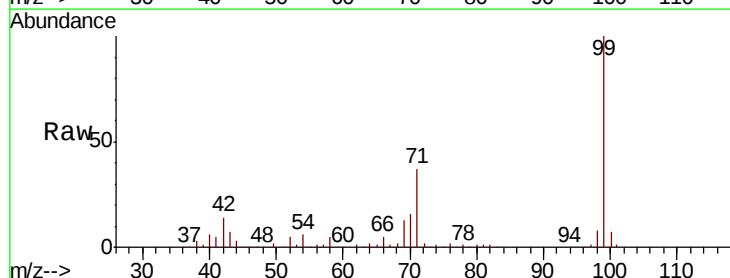
Tgt Ion: 77 Resp: 792

Ion Ratio Lower Upper

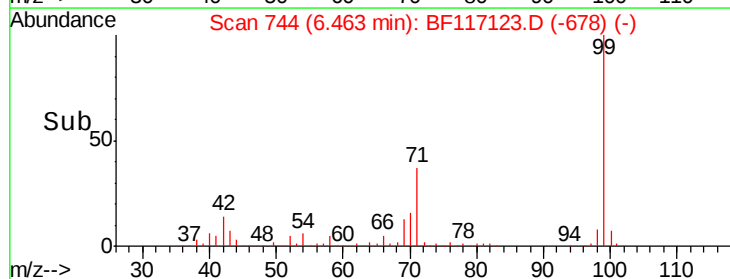
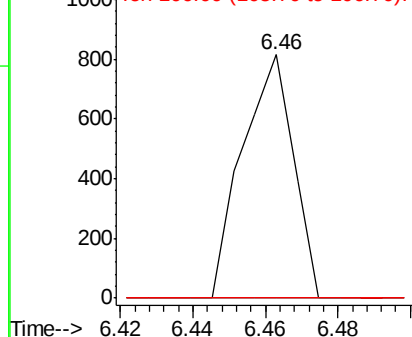
77 100

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: 14.761 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF117123.D

Acq: 17 Sep 2019 22:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 47349

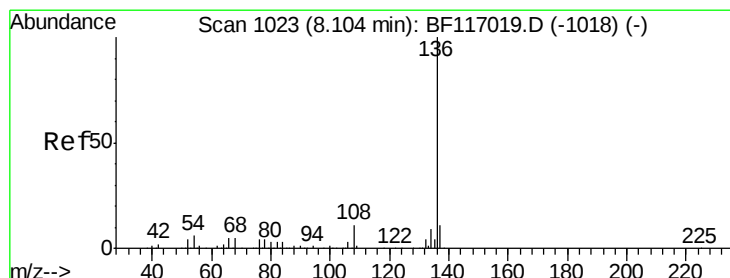
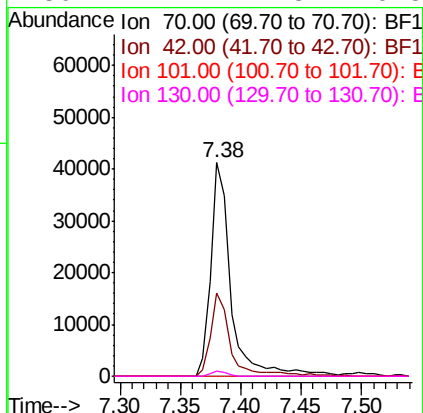
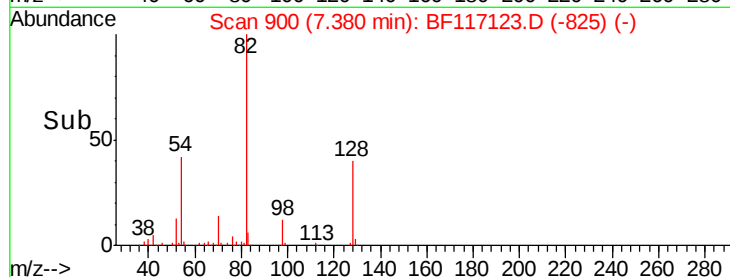
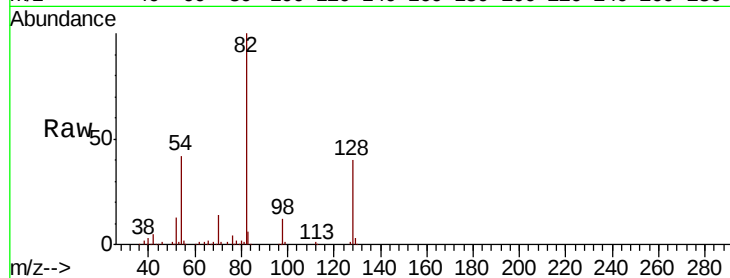
Ion Ratio Lower Upper

70 100

42 39.2 34.0 51.0

101 0.0 7.8 11.6#

130 2.2 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: BF117123.D

Acq: 17 Sep 2019 22:37

Tgt Ion: 136 Resp: 252209

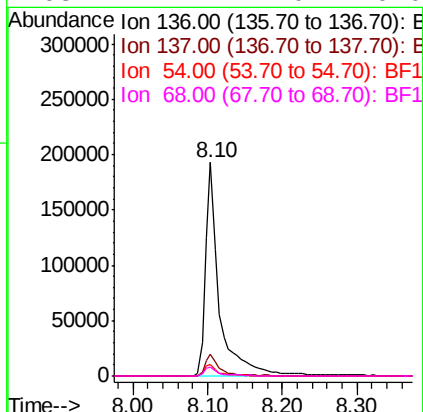
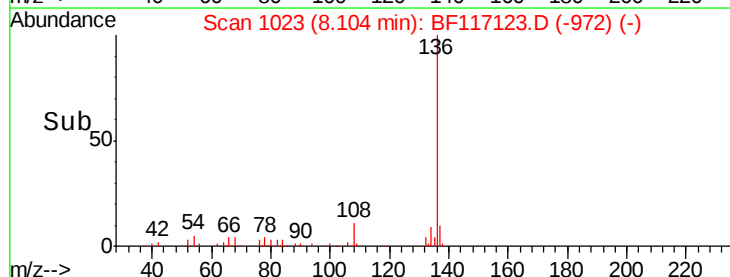
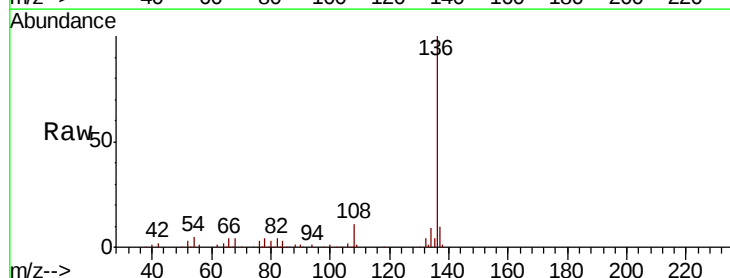
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.2 4.5 6.7

68 4.4 4.0 6.0

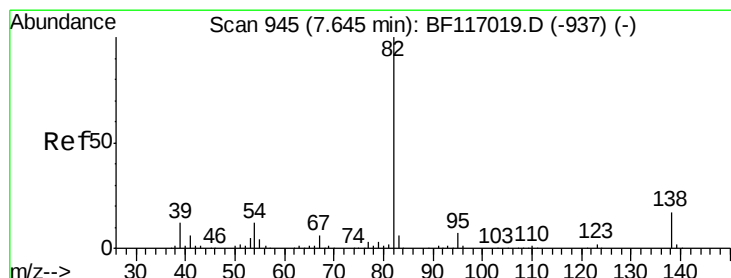
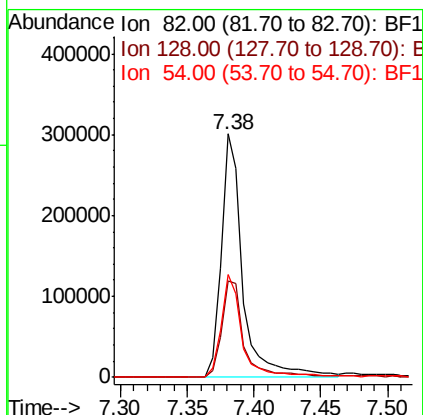
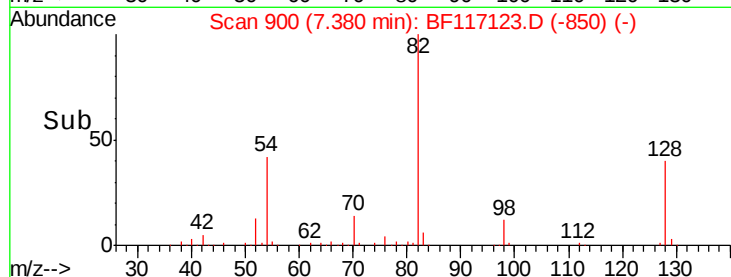
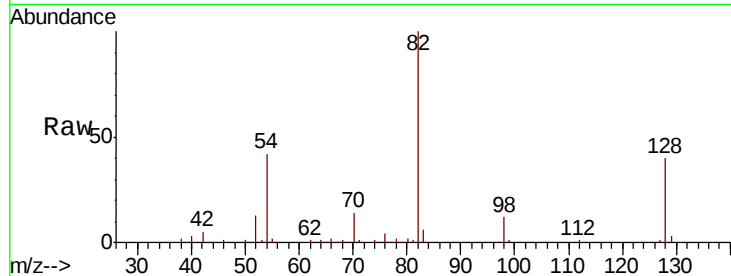




#23
Nitrobenzene-d5
Concen: 71.280 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

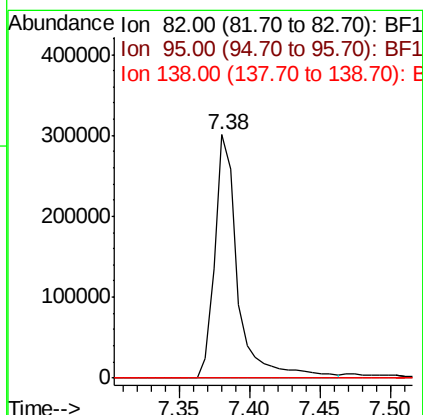
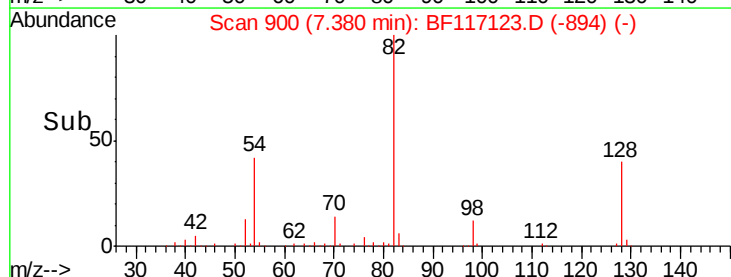
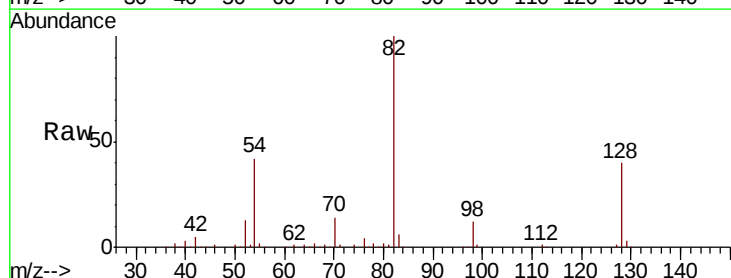
Instrument :
BNA_F
ClientSampleId :

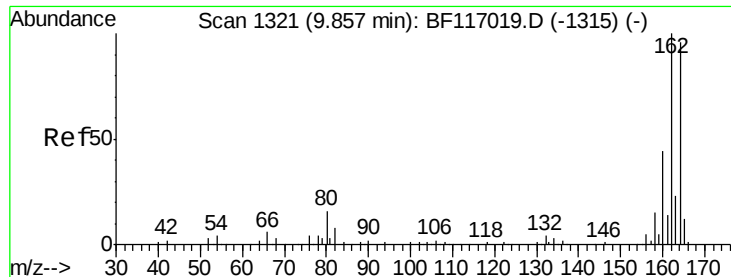
Tot Ion	82	Resp	342153
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.3	48.5
54	42.3	33.3	49.9



#25
Isophorone
Concen: 40.257 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

Tgt Ion	82	Resp	342147
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

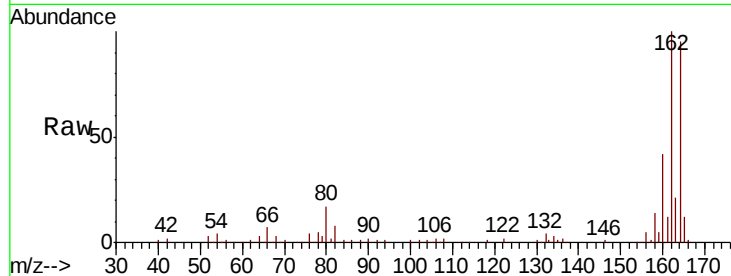




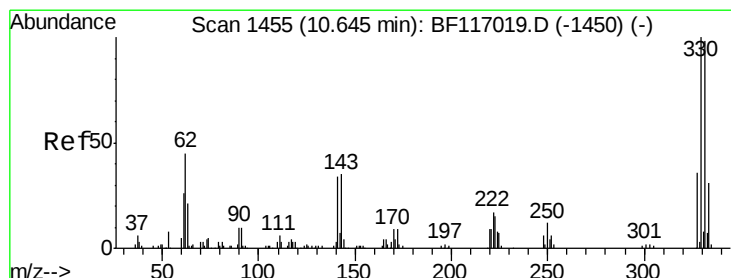
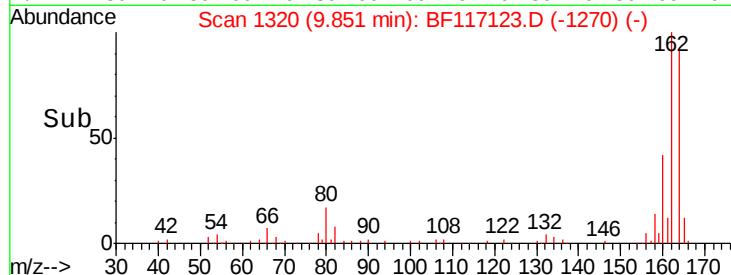
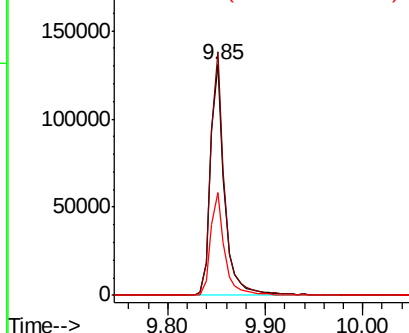
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 131881
Ion Ratio Lower Upper
164 100
162 105.6 83.4 125.2
160 44.5 36.4 54.6

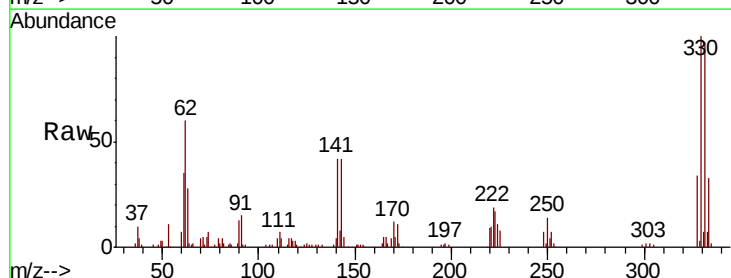


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

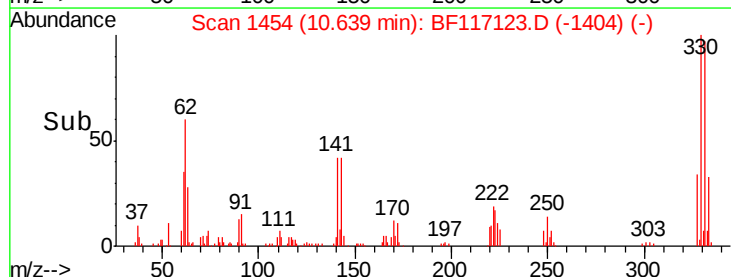
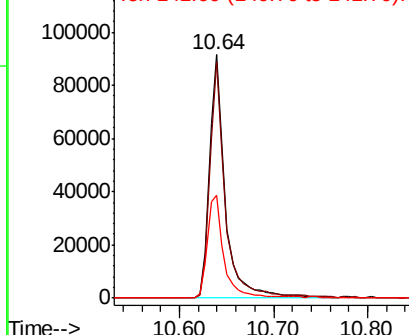


#42
2,4,6-Tribromophenol
Concen: 98.988 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

Tgt Ion:330 Resp: 109107
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 44.6 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

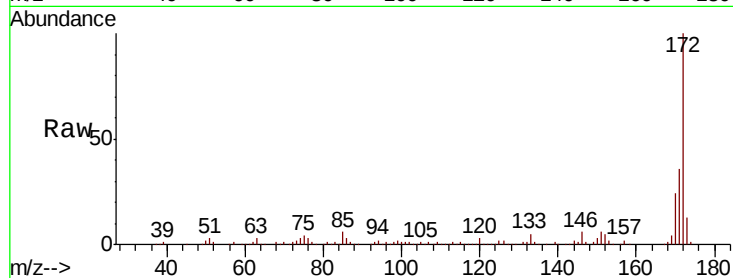




#45
 2-Fluorobiphenyl
 Concen: 73.177 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF117123.D
 Acq: 17 Sep 2019 22:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.7	18.9	28.3

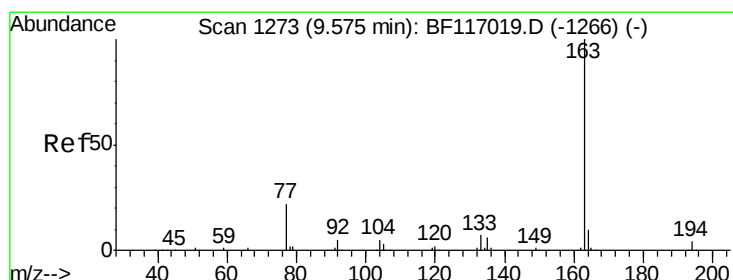
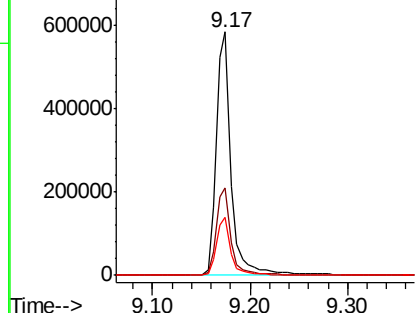
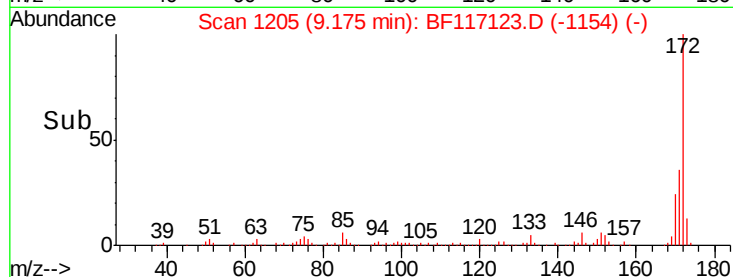


Abundance

Ion 172.00 (171.70 to 172.70): E

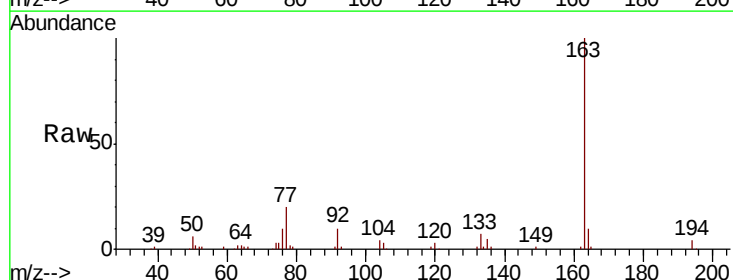
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 14.785 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF117123.D
 Acq: 17 Sep 2019 22:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.7	8.2	12.4

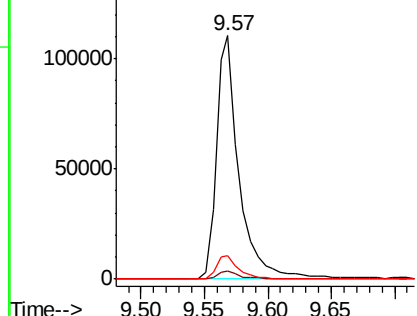
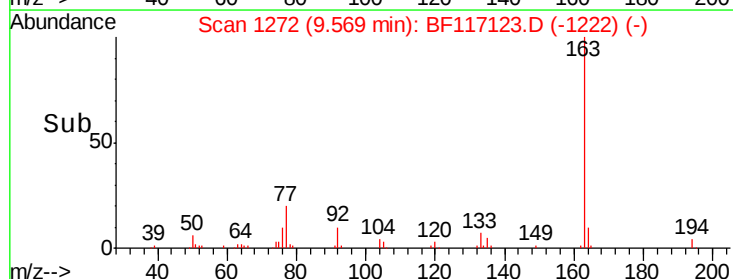


Abundance

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

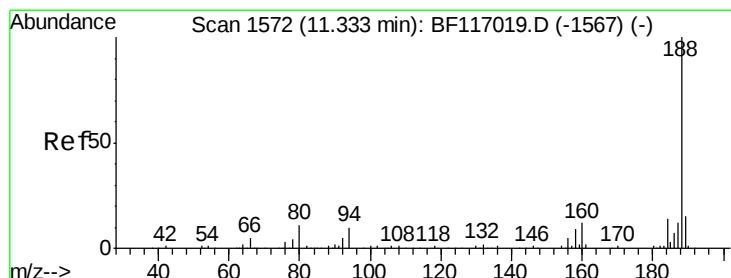
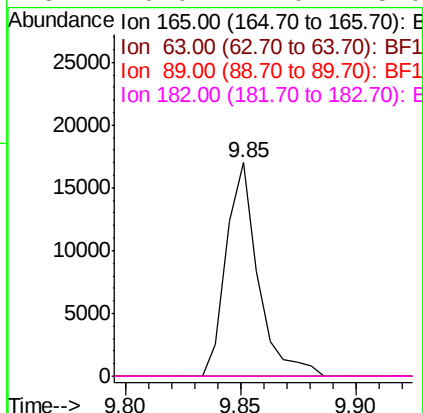
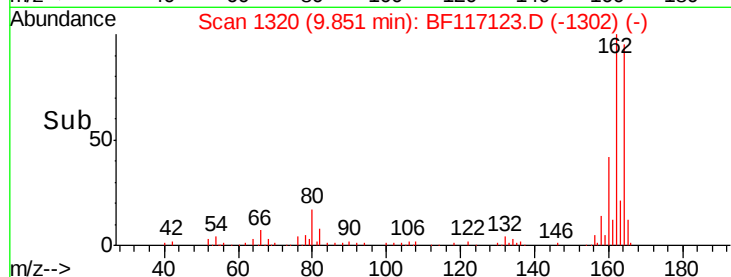
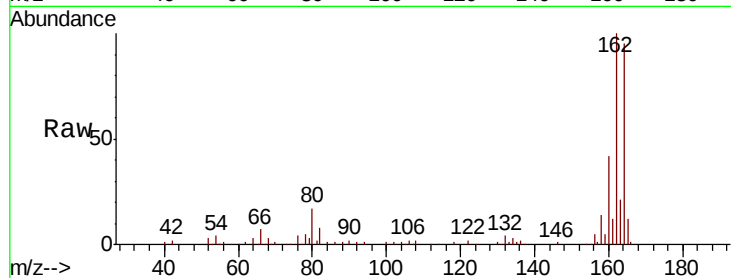




#57
 2,4-Dinitrotoluene
 Concen: 6.597 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117123.D
 Acq: 17 Sep 2019 22:37

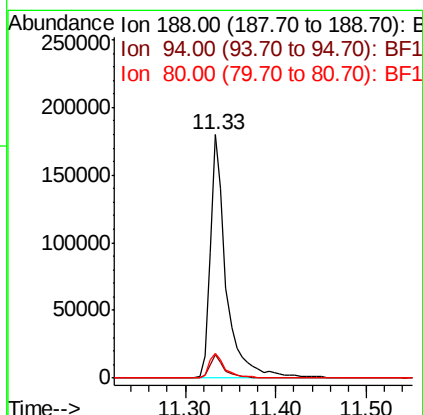
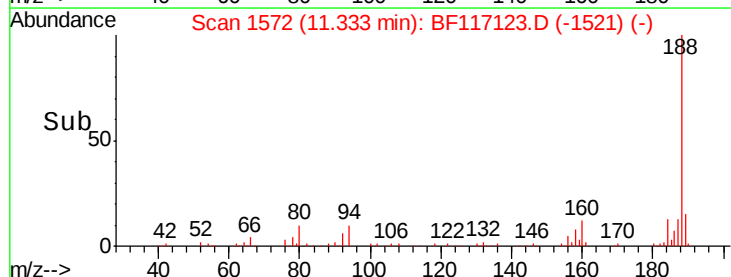
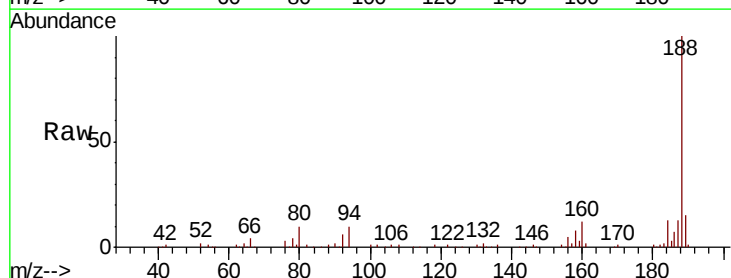
Instrument :
 BNA_F
 ClientSampled :

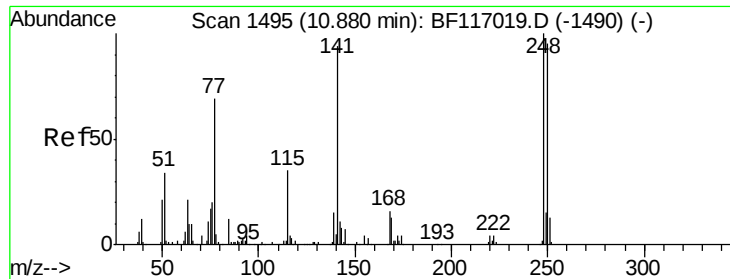
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117123.D
 Acq: 17 Sep 2019 22:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.1	9.0	13.6

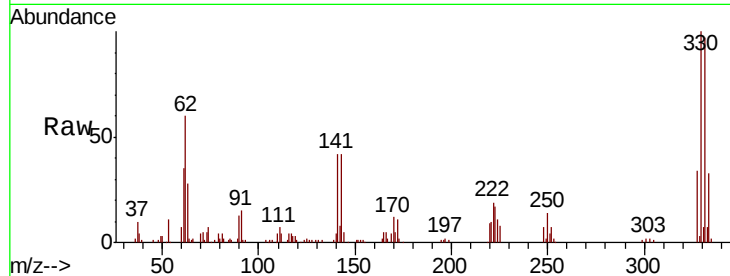




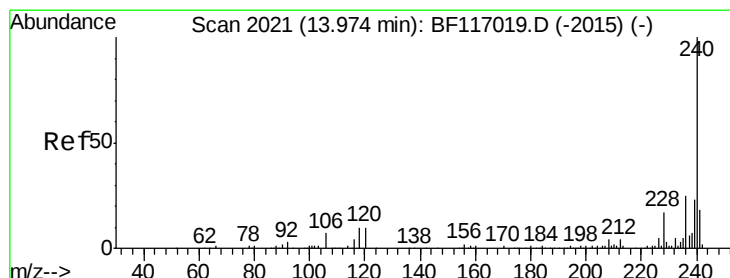
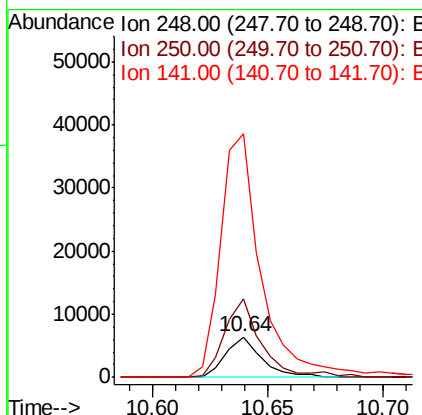
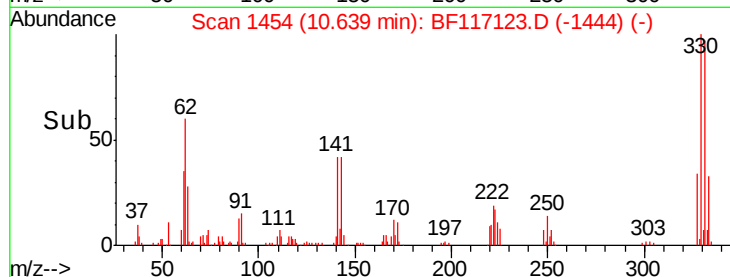
#67
4-Bromophenyl-phenylether
Concen: 3.101 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7016
Ion Ratio Lower Upper
248 100
250 195.0 76.2 114.4#
141 606.8 75.0 112.4#

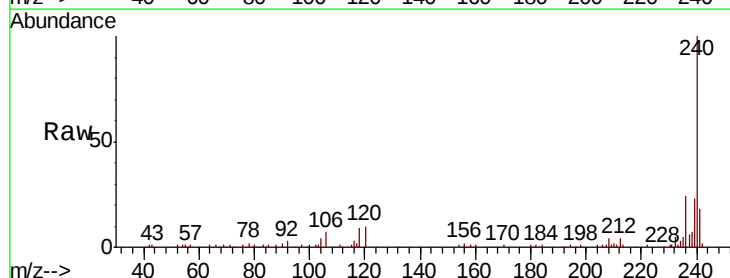


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

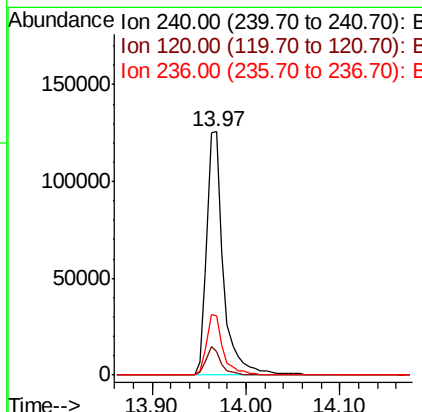
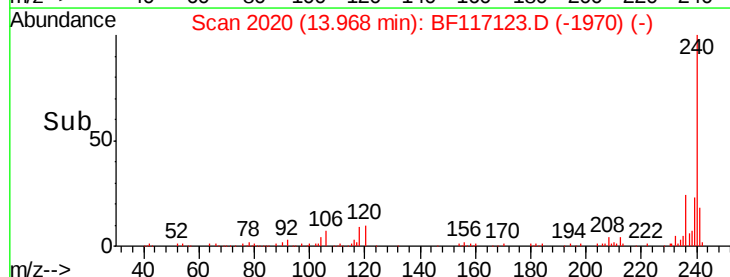


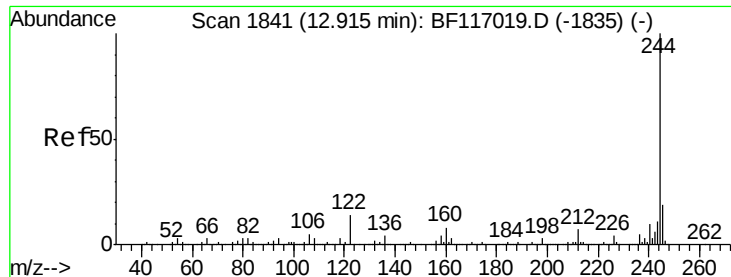
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117123.D
Acq: 17 Sep 2019 22:37

Tgt Ion:240 Resp: 158451
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 24.3 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

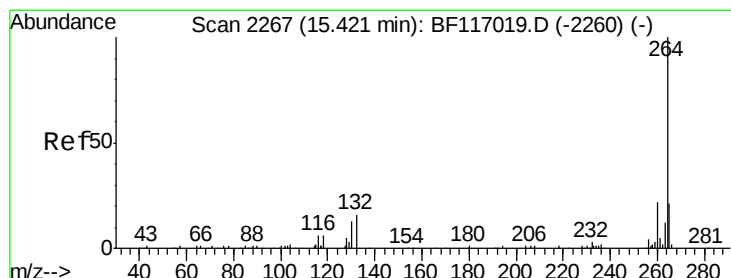
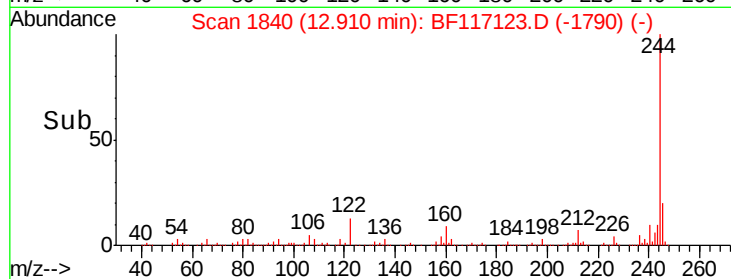
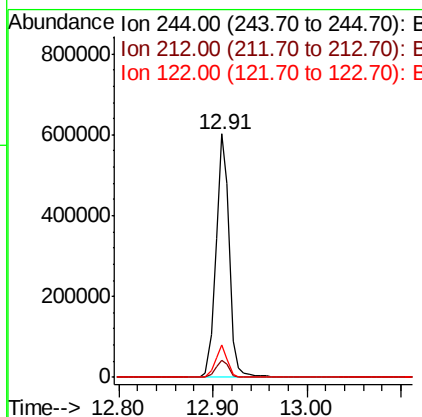
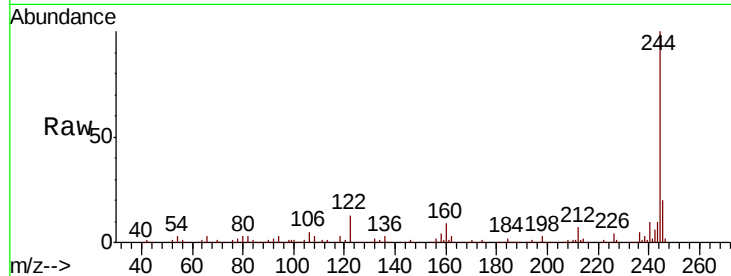




#79
 Terphenyl-d14
 Concen: 70.536 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117123.D
 Acq: 17 Sep 2019 22:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 597924
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.1 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117123.D
 Acq: 17 Sep 2019 22:37

Tgt Ion:264 Resp: 142990
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.6 26.4
 265 21.5 16.6 24.8

