

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117130.D
 Acq On : 18 Sep 2019 1:44
 Operator : HP/JU
 Sample : K4923-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 05:26:27 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

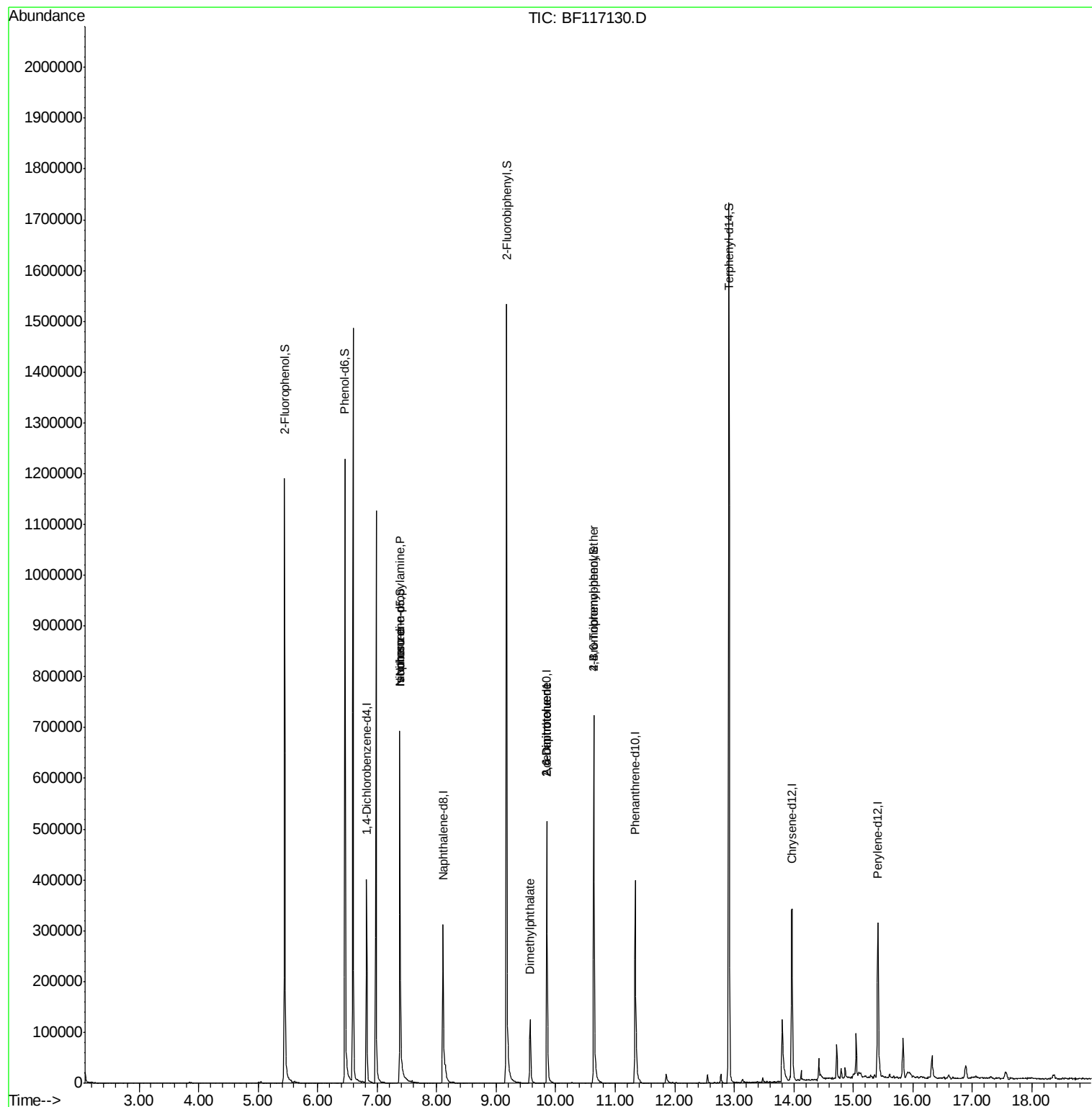
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59937	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	233765	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	127178	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	211732	20.00	ng	0.00
76) Chrysene-d12	13.97	240	150754	20.00	ng	0.00
87) Perylene-d12	15.41	264	134830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	358670	93.43	ng	0.00
7) Phenol-d6	6.46	99	493330	99.43	ng	0.00
23) Nitrobenzene-d5	7.38	82	316688	71.18	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	106207	99.92	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	572792	70.42	ng	0.00
79) Terphenyl-d14	12.91	244	580777	72.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	526	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.38	70	39344	13.023 ng	#	1
25) Isophorone	7.38	82	316687	40.202 ng	#	78
50) Dimethylphthalate	9.57	163	78962	8.769 ng	#	66
51) 2,6-Dinitrotoluene	9.85	165	16092	8.774 ng	#	97
57) 2,4-Dinitrotoluene	9.85	165	16092	6.760 ng	#	25
67) 4-Bromophenyl-phenylether	10.64	248	6623	3.063 ng	#	20
					#	1

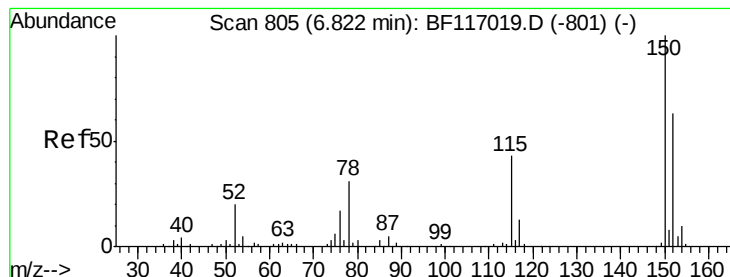
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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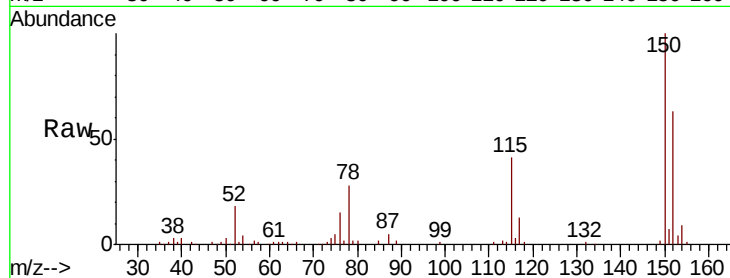




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117130.D
 Acq: 18 Sep 2019 1:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.5	191.3
115	65.3	55.0	82.4

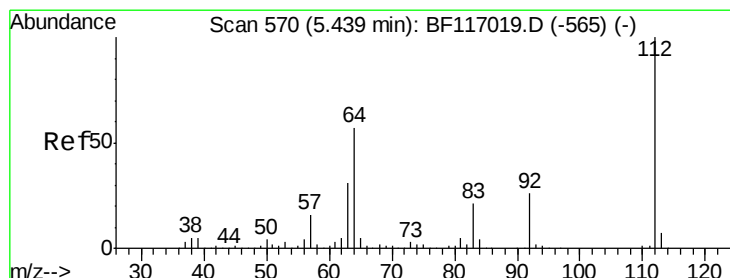
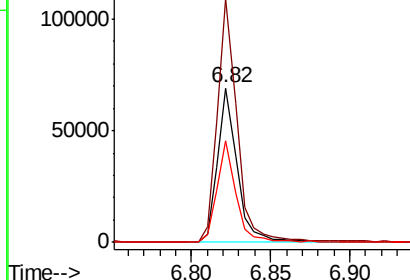
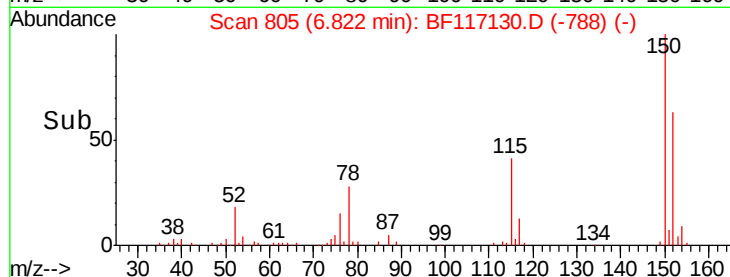


Abundance

Ion 152.00 (151.70 to 152.70): E

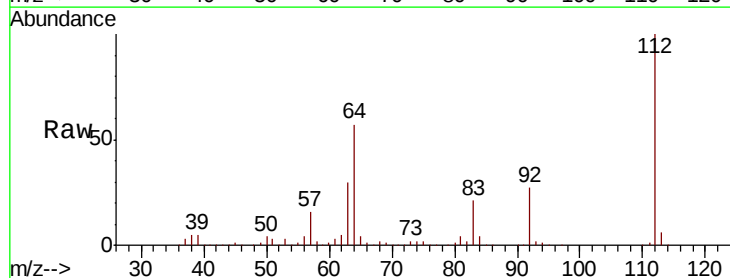
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 93.427 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF117130.D
 Acq: 18 Sep 2019 1:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.7	68.5
63	29.9	24.9	37.3

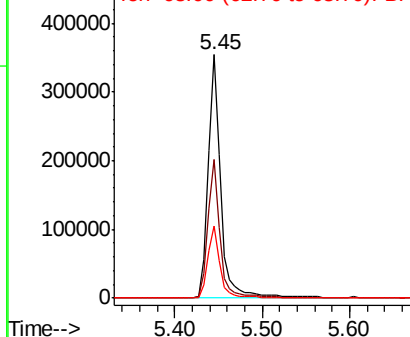
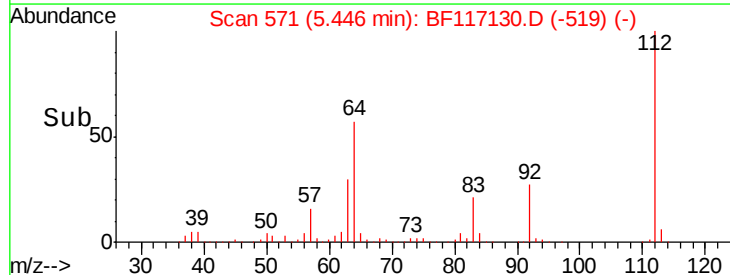


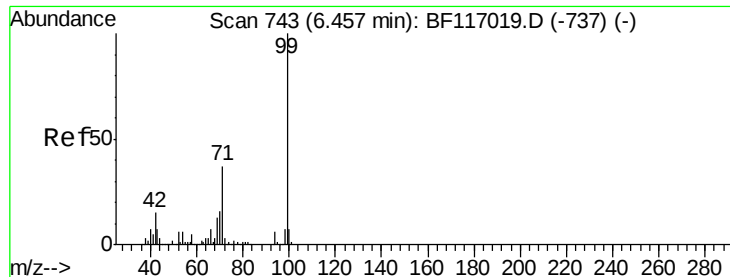
Abundance

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: 99.433 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117130.D

Acq: 18 Sep 2019 1:44

Instrument :

BNA_F

ClientSampleId :

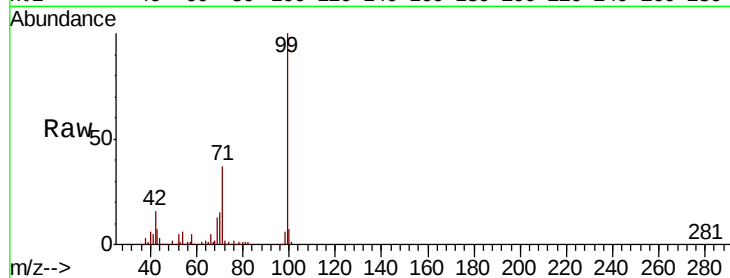
Tot Ion: 99 Resp: 493330

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

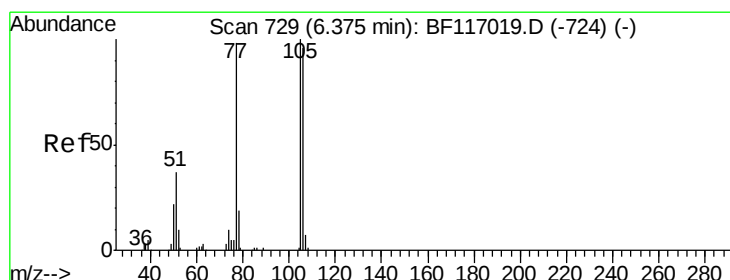
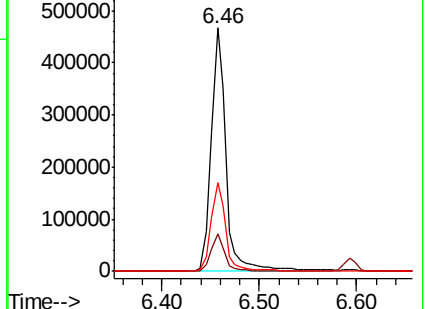
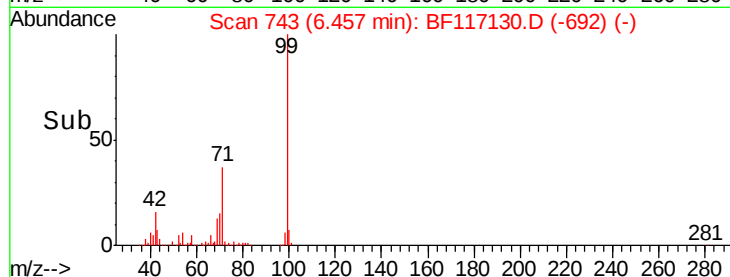
71 36.6 29.8 44.8



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: BF117130.D

Acq: 18 Sep 2019 1:44

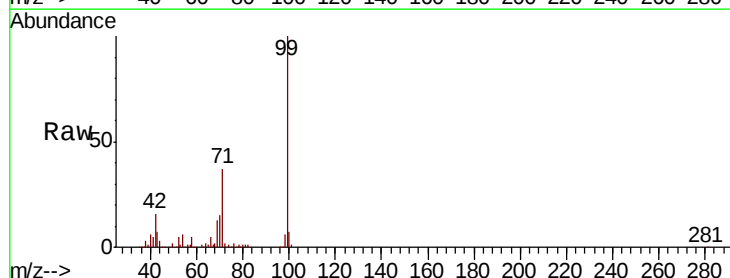
Tgt Ion: 77 Resp: 526

Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

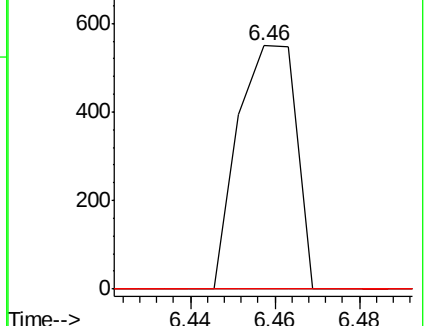
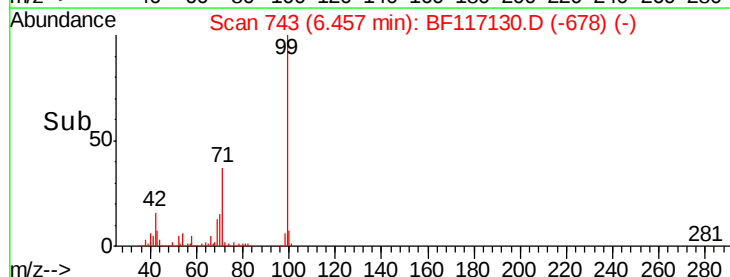
106 0.0 77.3 117.3#



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: 13.023 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF117130.D

Acq: 18 Sep 2019 1:44

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 39344

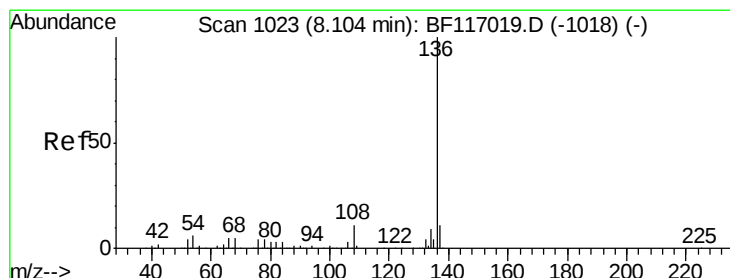
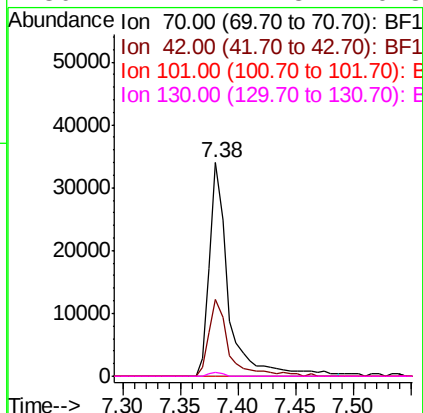
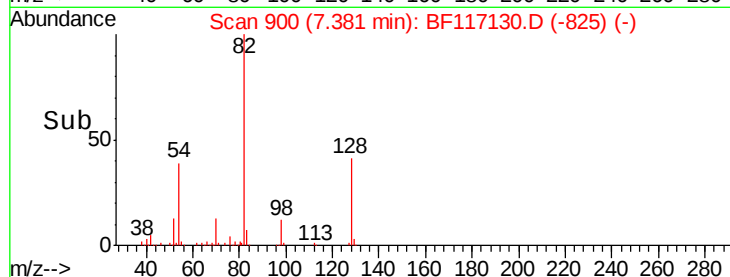
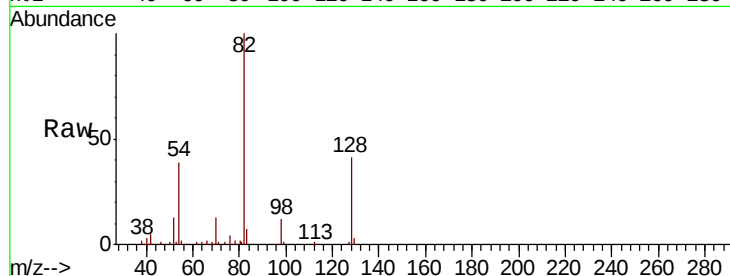
Ion Ratio Lower Upper

70 100

42 35.9 34.0 51.0

101 0.0 7.8 11.6#

130 1.7 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: BF117130.D

Acq: 18 Sep 2019 1:44

Tgt Ion: 136 Resp: 233765

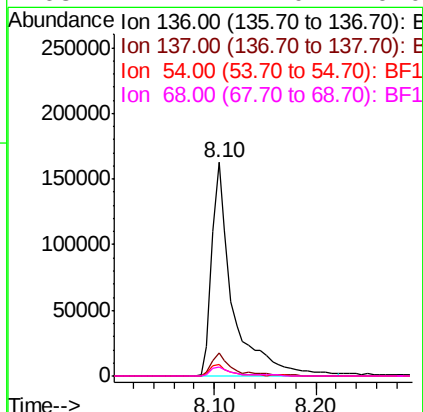
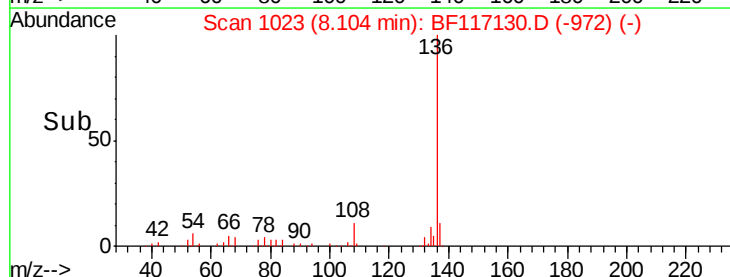
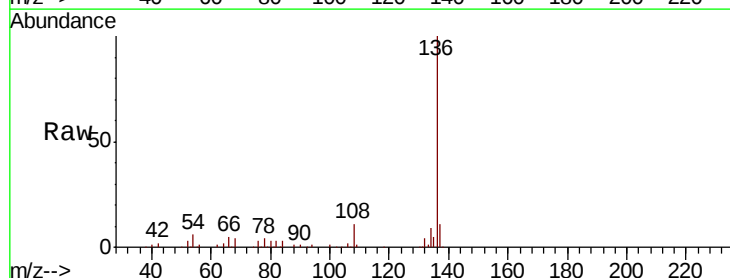
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 5.5 4.5 6.7

68 4.1 4.0 6.0

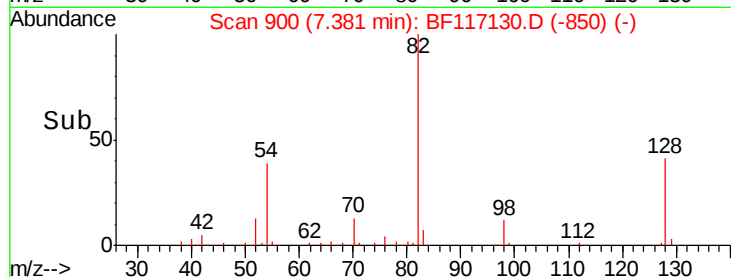
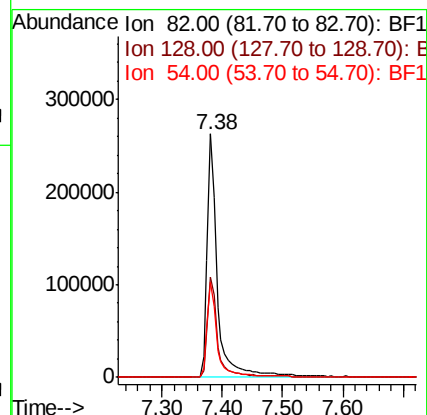
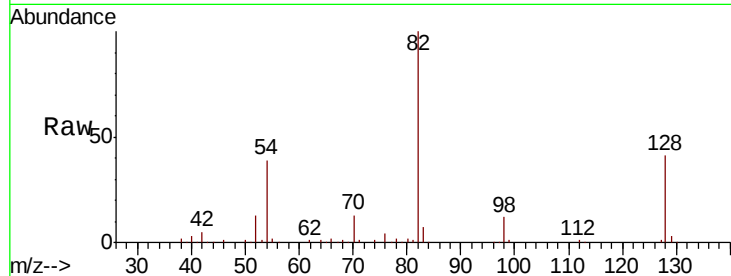




#23
 Nitrobenzene-d5
 Concen: 71.181 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117130.D
 Acq: 18 Sep 2019 1:44

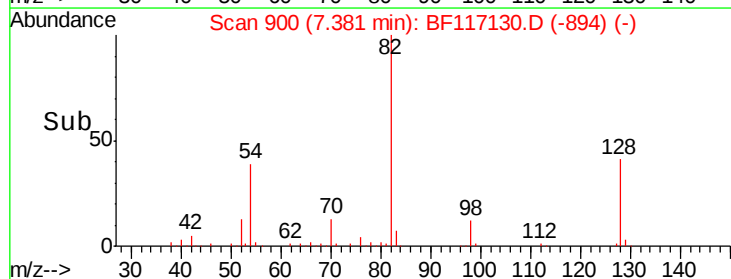
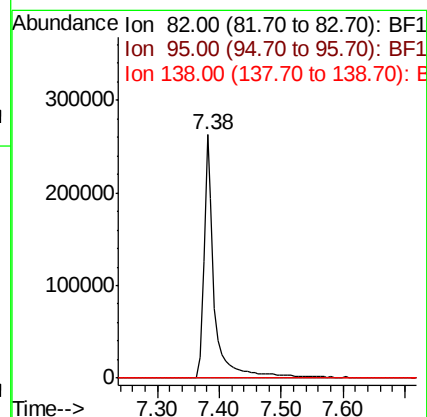
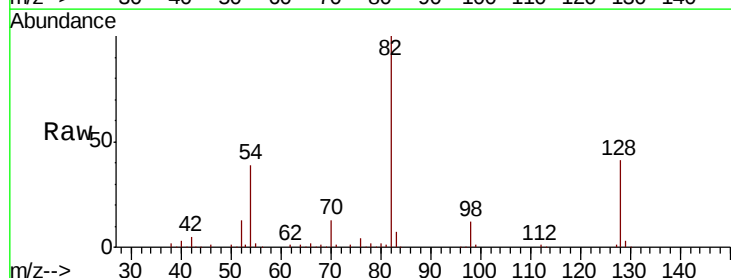
Instrument :
 BNA_F
 ClientSampleId :

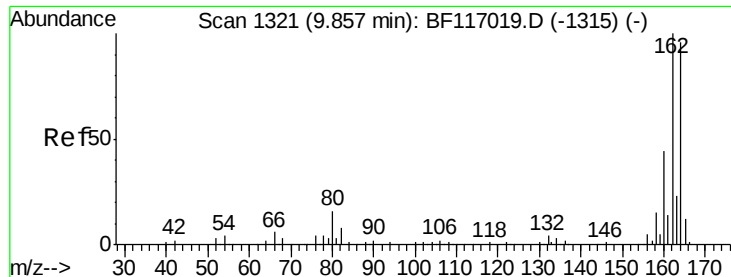
Tot Ion	82	Resp	316688
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.3	48.5
54	39.2	33.3	49.9



#25
 Isophorone
 Concen: 40.202 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117130.D
 Acq: 18 Sep 2019 1:44

Tgt Ion	82	Resp	316687
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: BF117130.D

Acq: 18 Sep 2019 1:44

Instrument :

BNA_F

ClientSampleId :

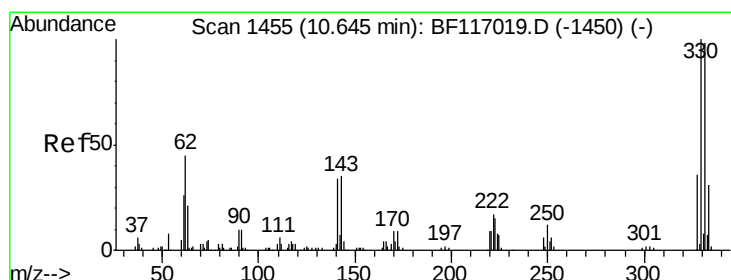
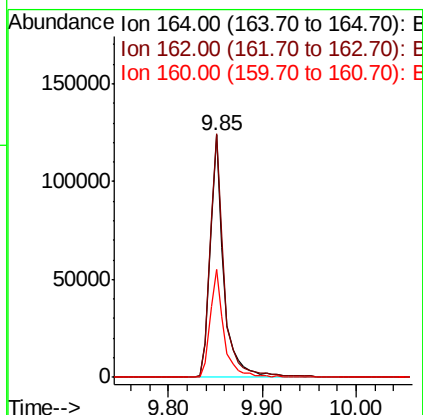
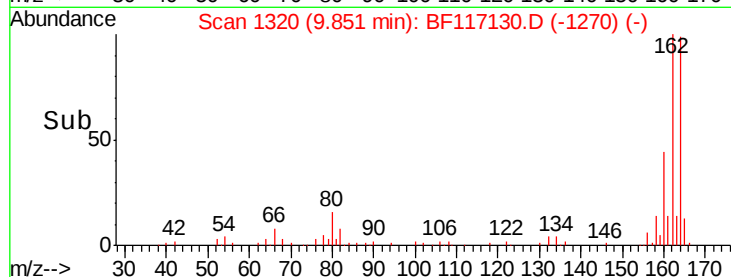
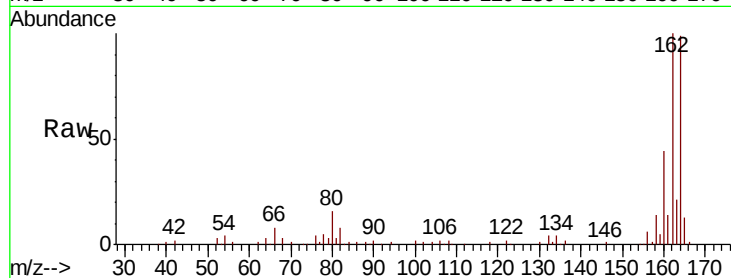
Tot Ion:164 Resp: 127178

Ion Ratio Lower Upper

164 100

162 100.7 83.4 125.2

160 44.8 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 99.920 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117130.D

Acq: 18 Sep 2019 1:44

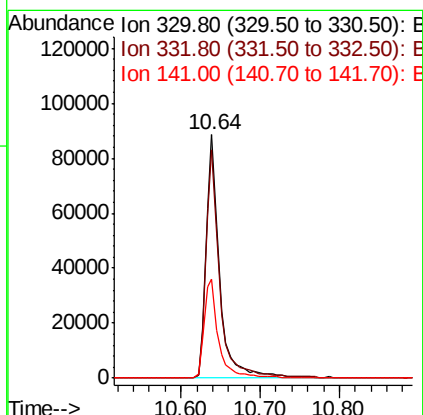
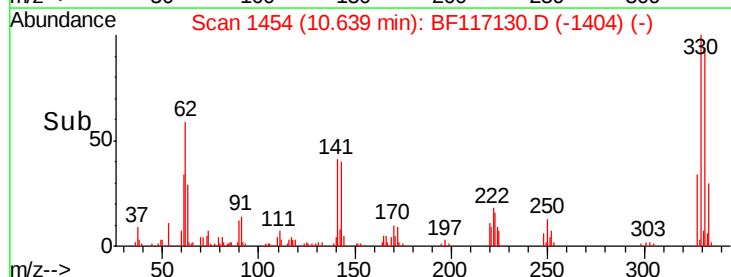
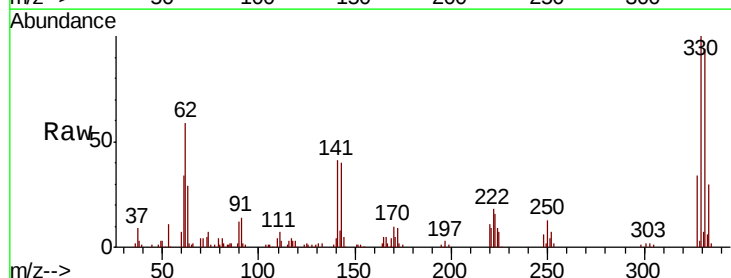
Tgt Ion:330 Resp: 106207

Ion Ratio Lower Upper

330 100

332 94.3 78.0 117.0

141 43.6 35.8 53.6

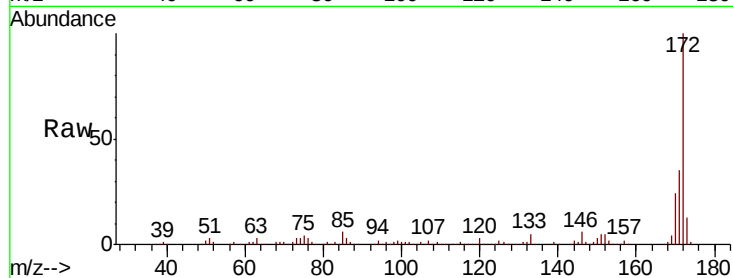




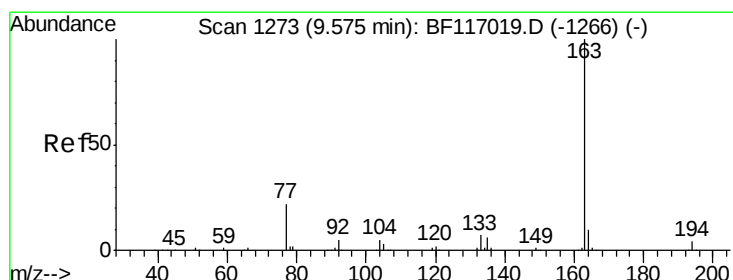
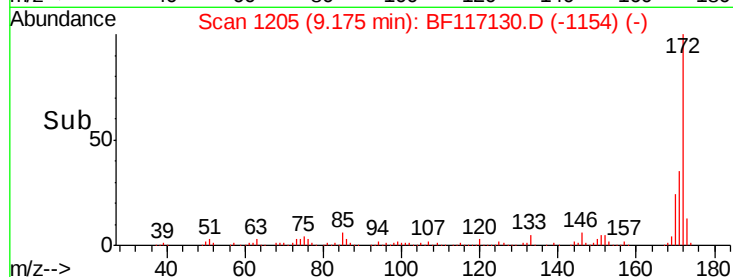
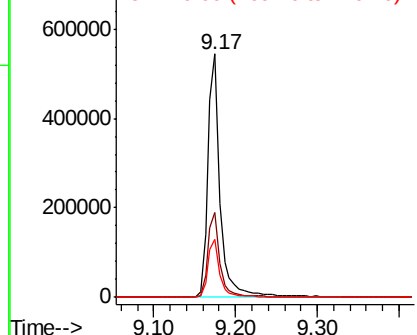
#45
2-Fluorobiphenyl
Concen: 70.421 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117130.D
Acq: 18 Sep 2019 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.7	18.9	28.3

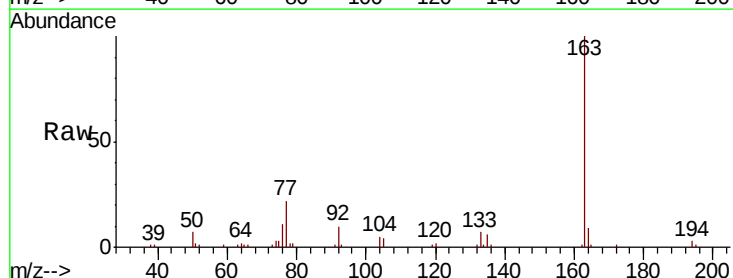


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

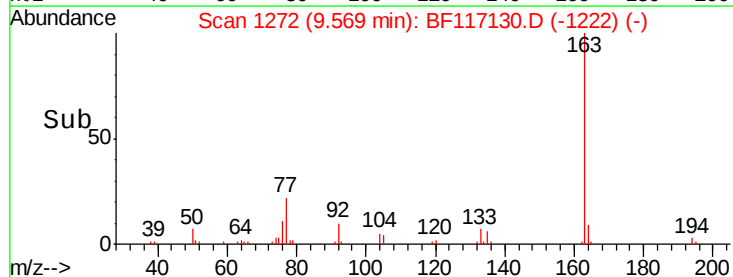
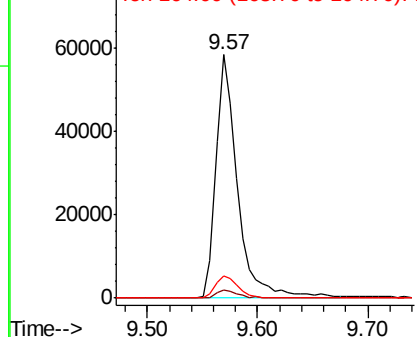


#50
Dimethylphthalate
Concen: 8.769 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117130.D
Acq: 18 Sep 2019 1:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	8.9	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

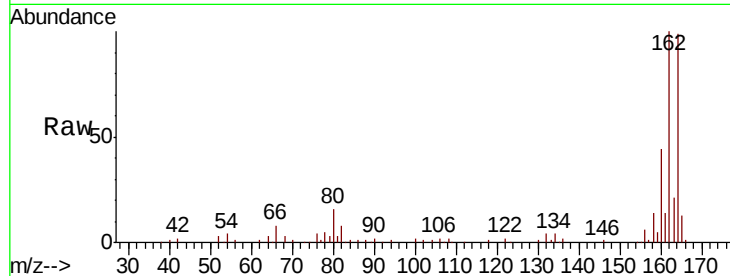




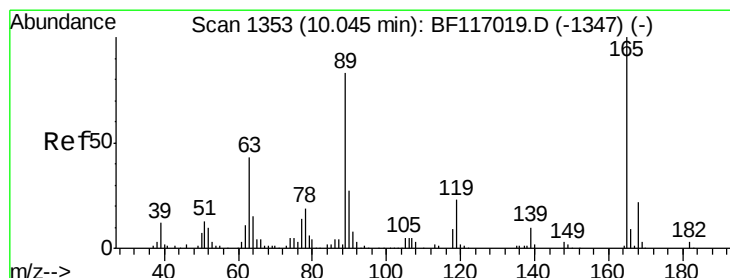
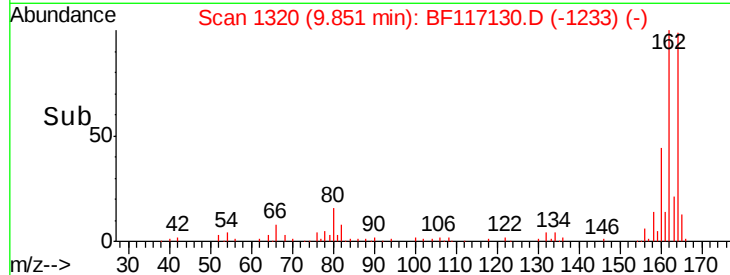
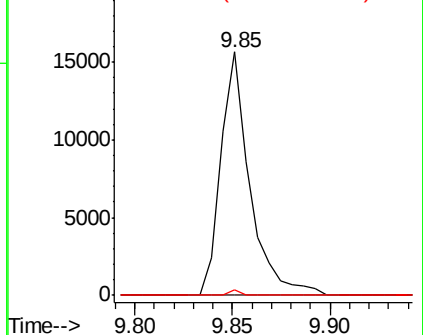
#51
 2,6-Dinitrotoluene
 Concen: 8.774 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF117130.D
 Acq: 18 Sep 2019 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	2.4	46.5	69.7#



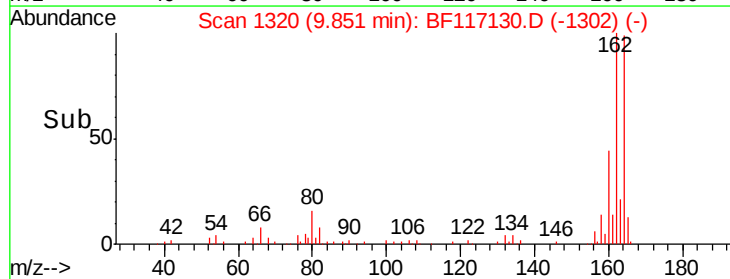
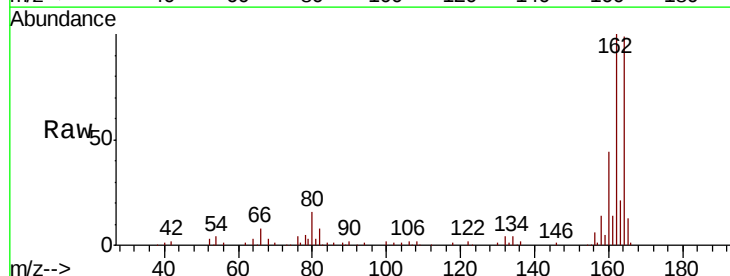
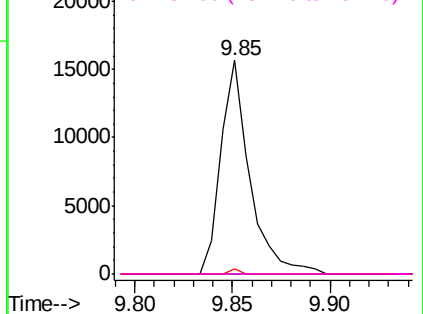
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.760 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117130.D
 Acq: 18 Sep 2019 1:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	2.4	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

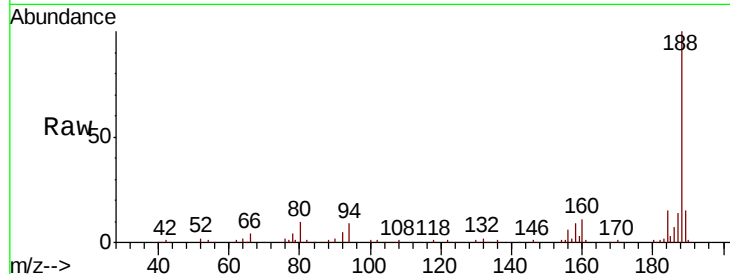




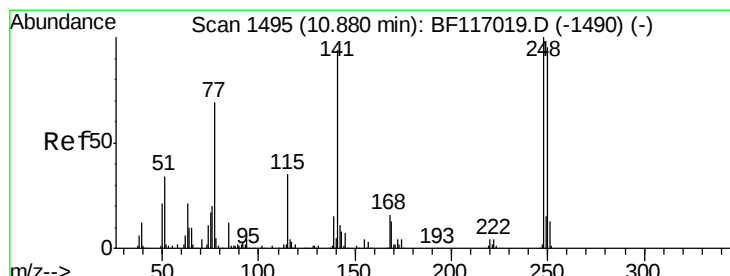
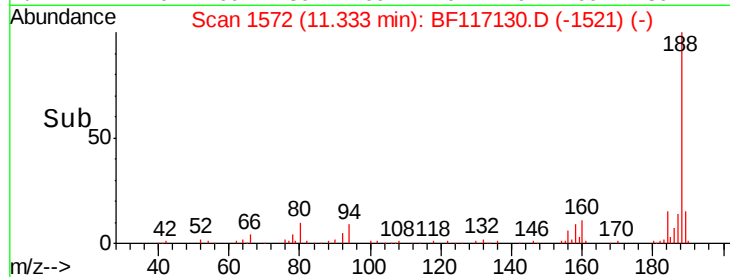
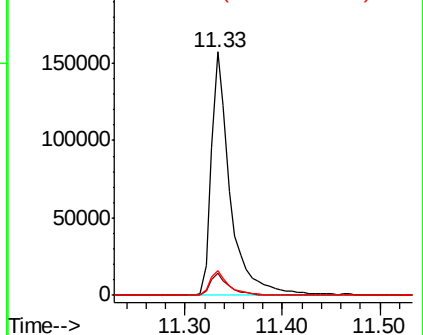
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117130.D
Acq: 18 Sep 2019 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 211732
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.4 9.0 13.6

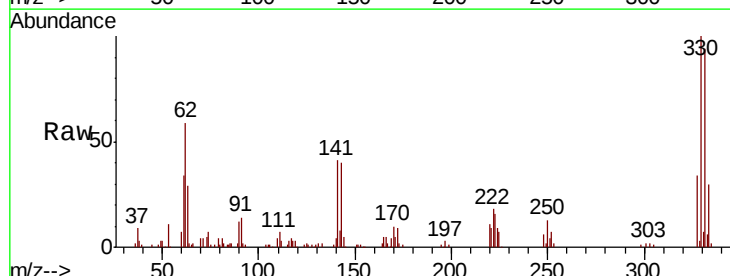


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

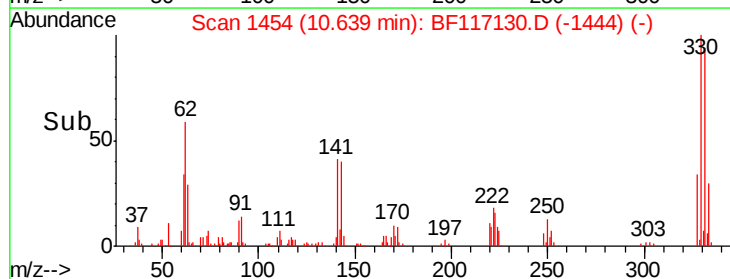
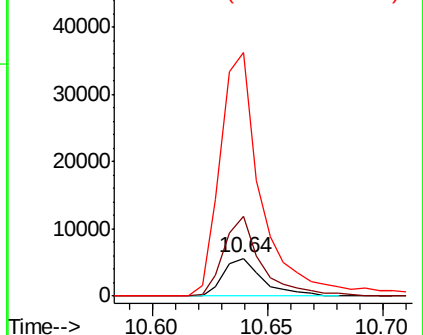


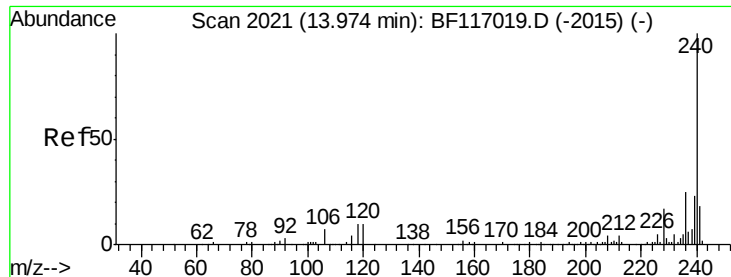
#67
4-Bromophenyl-phenylether
Concen: 3.063 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117130.D
Acq: 18 Sep 2019 1:44

Tgt Ion:248 Resp: 6623
Ion Ratio Lower Upper
248 100
250 211.9 76.2 114.4#
141 646.4 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

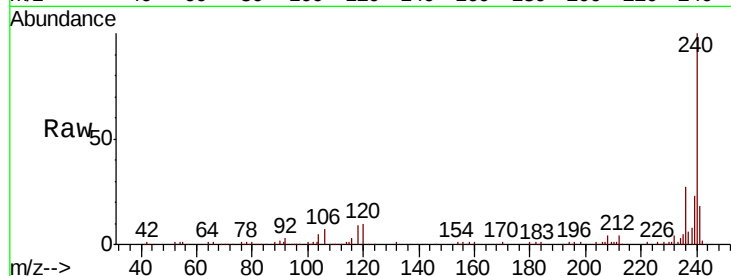




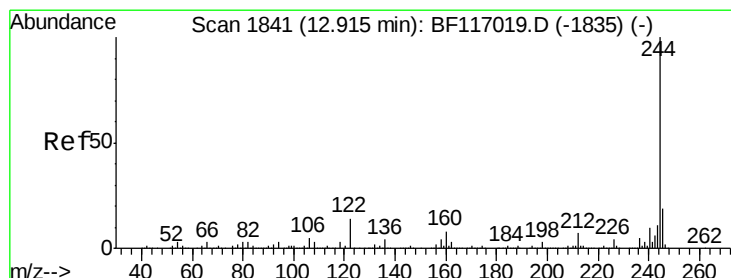
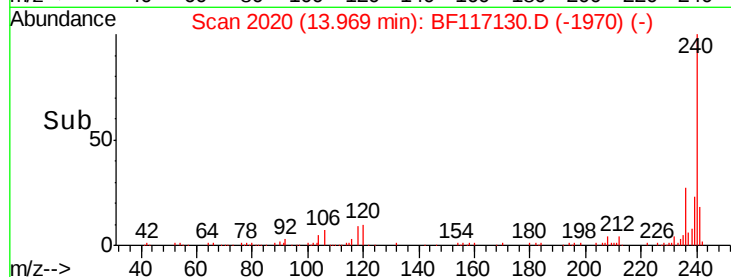
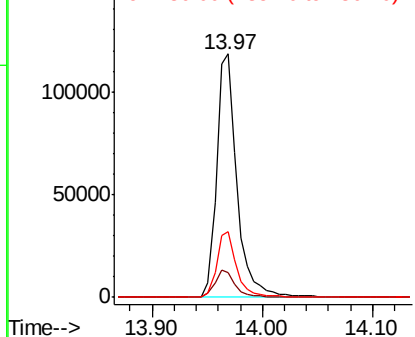
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117130.D
Acq: 18 Sep 2019 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 150754
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.8 20.3 30.5

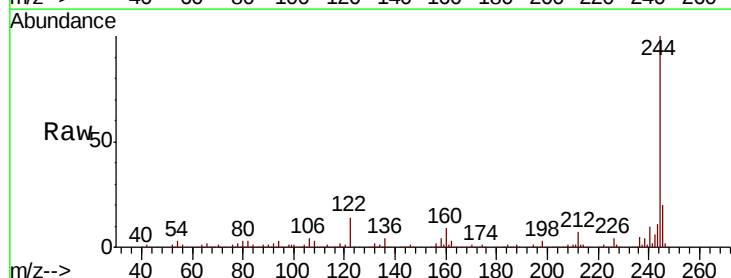


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

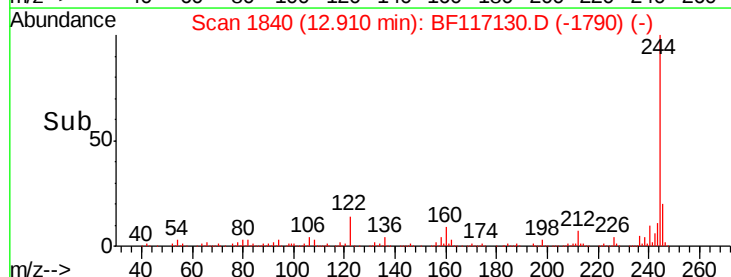
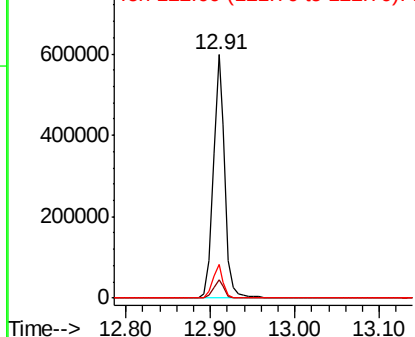


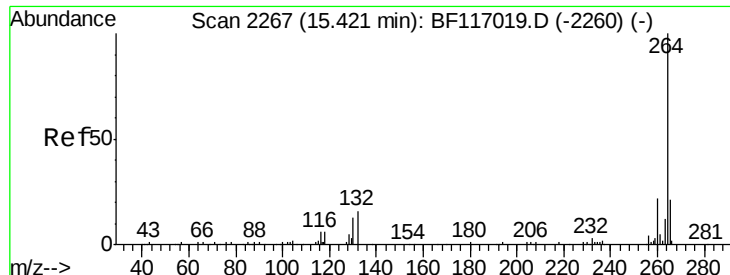
#79
Terphenyl-d14
Concen: 72.011 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117130.D
Acq: 18 Sep 2019 1:44

Tgt Ion:244 Resp: 580777
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 13.6 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

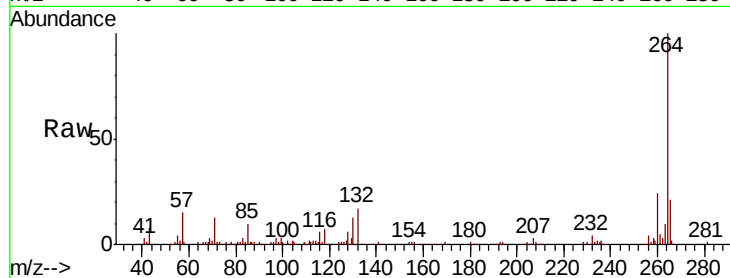




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117130.D
 Acq: 18 Sep 2019 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 134830
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.6 26.4
 265 21.4 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

