

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117250.D
 Acq On : 25 Sep 2019 19:45
 Operator : JU
 Sample : K5014-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:30:55 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

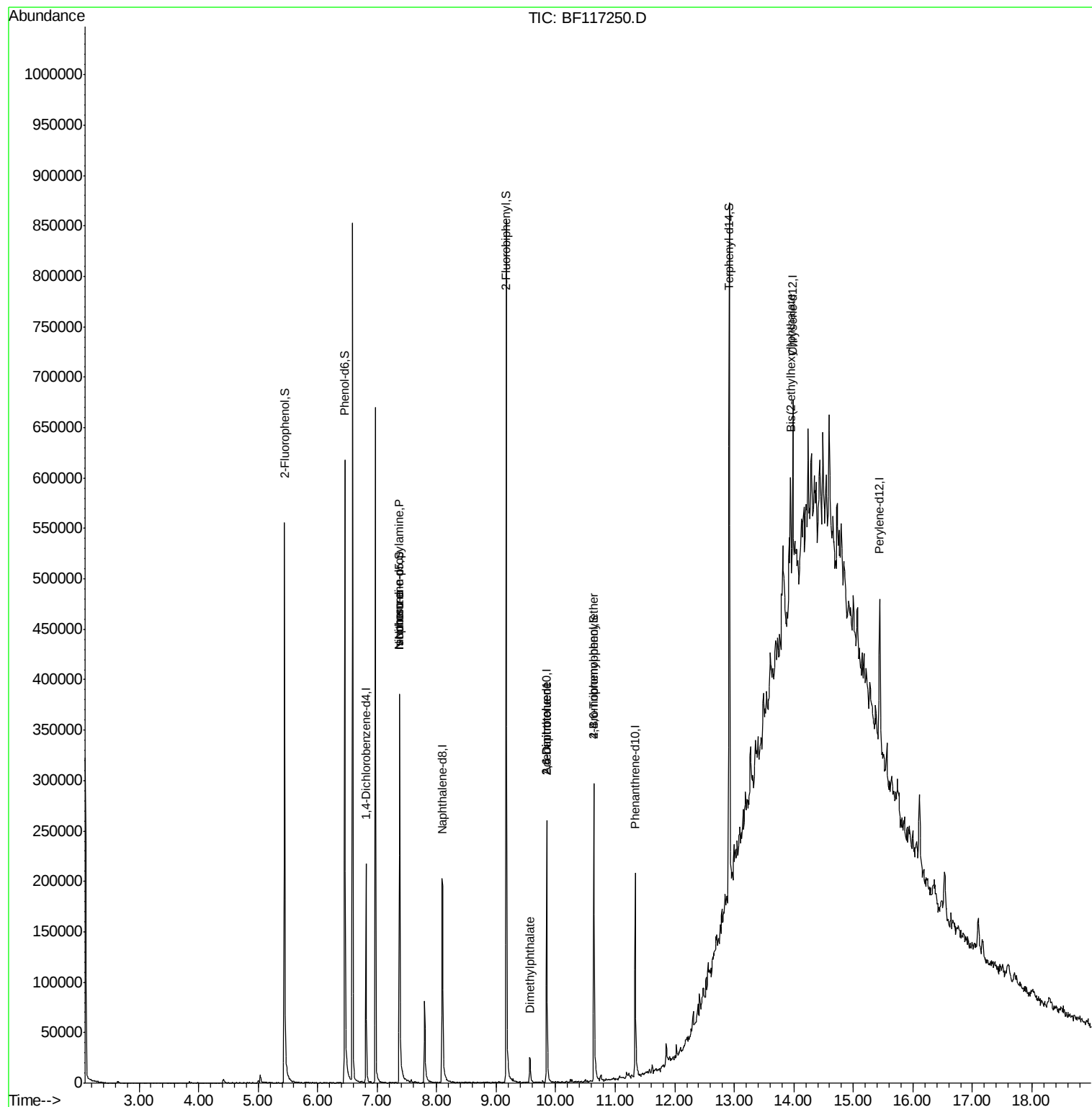
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	35080	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	132120	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	62034	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	82468	20.00	ng	0.00
76) Chrysene-d12	13.98	240	60922	20.00	ng	0.00
87) Perylene-d12	15.44	264	63303	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	184696	82.20	ng	0.00
7) Phenol-d6	6.46	99	245561	84.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	158936	63.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	40196	77.53	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	276588	69.71	ng	0.00
79) Terphenyl-d14	12.92	244	200496	61.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	4988	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	21428	12.118 ng	#	74
25) Isophorone	7.37	82	158935	35.698 ng	#	66
50) Dimethylphthalate	9.56	163	15713	3.577 ng	#	99
51) 2,6-Dinitrotoluene	9.85	165	7839	8.763 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	7839	6.751 ng	#	18
67) 4-Bromophenyl-phenylether	10.64	248	2273	2.699 ng	#	1
84) Bis(2-ethylhexyl)phthalate	13.95	149	33665	10.810 ng		100

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

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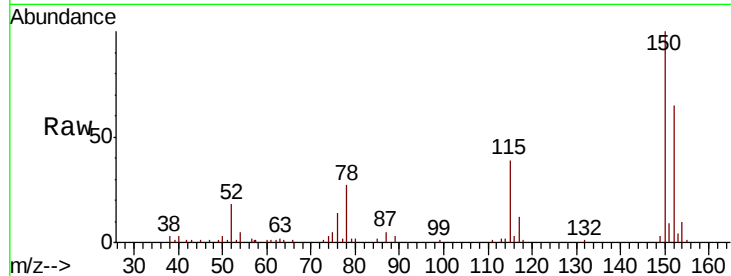


#1

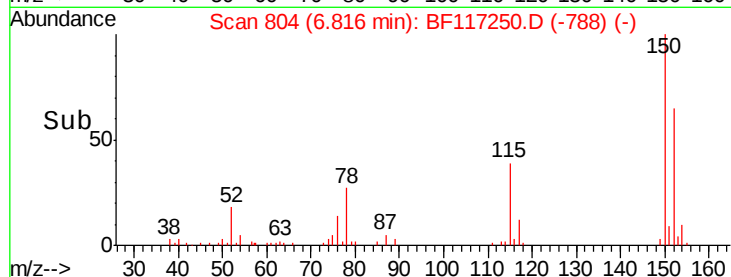
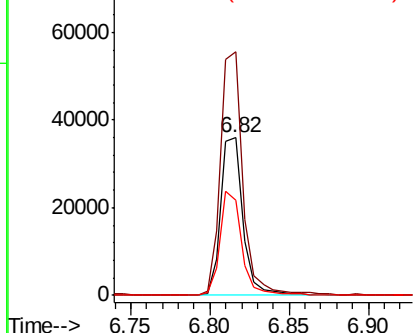
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35080
Ion Ratio Lower Upper
152 100
150 154.4 127.5 191.3
115 60.5 55.0 82.4



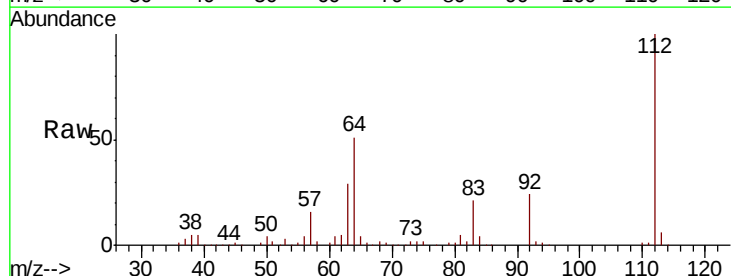
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



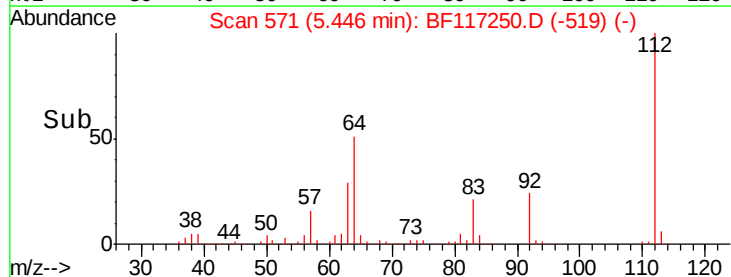
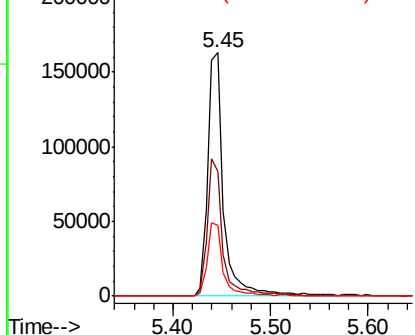
#5

2-Fluorophenol
Concen: 82.200 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Tgt Ion:112 Resp: 184696
Ion Ratio Lower Upper
112 100
64 51.3 45.7 68.5
63 28.9 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: 84.564 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

BNA_F

ClientSampleId :

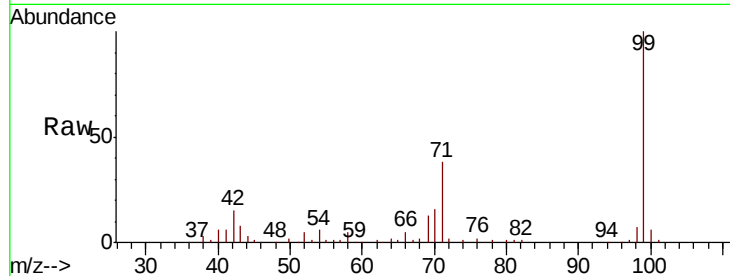
Tot Ion: 99 Resp: 245561

Ion Ratio Lower Upper

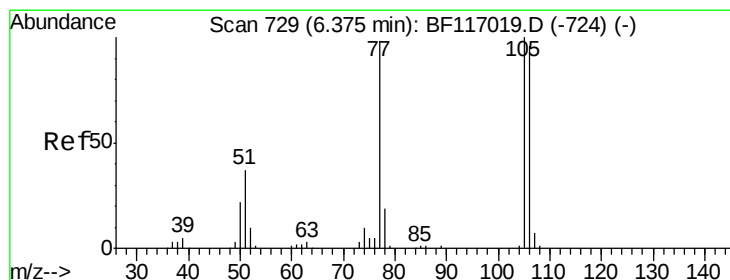
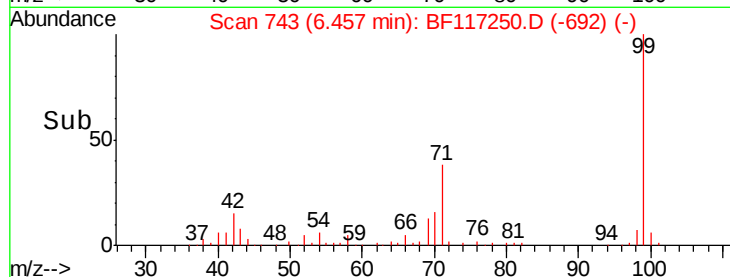
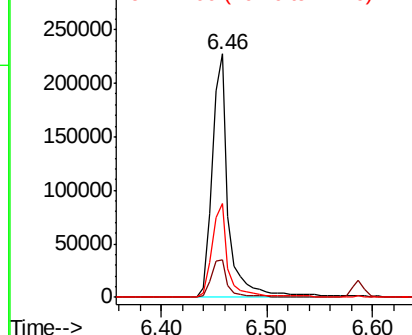
99 100

42 15.4 12.2 18.2

71 38.5 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# 765

Delta R.T. 0.21 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

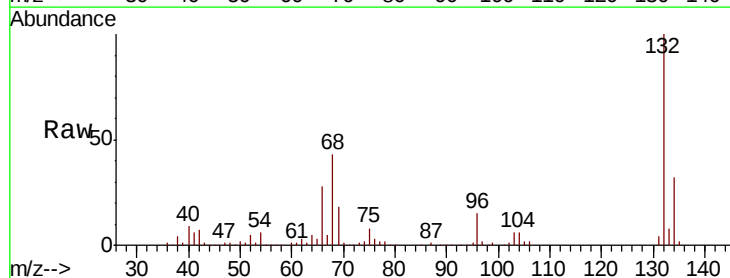
Tgt Ion: 77 Resp: 4988

Ion Ratio Lower Upper

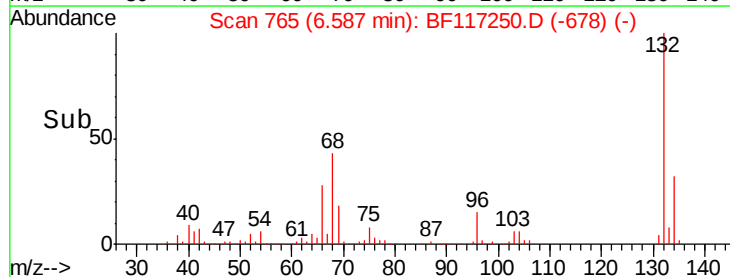
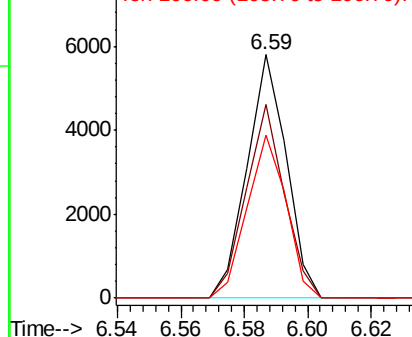
77 100

105 79.7 81.8 121.8#

106 66.7 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: 12.118 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

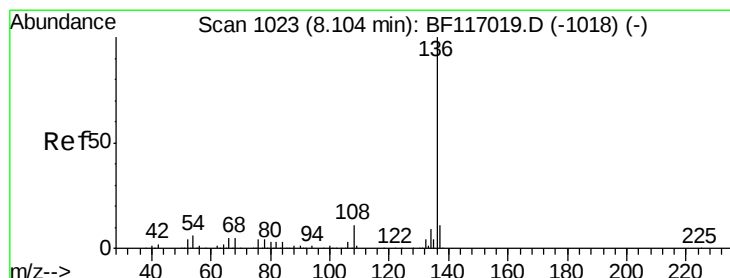
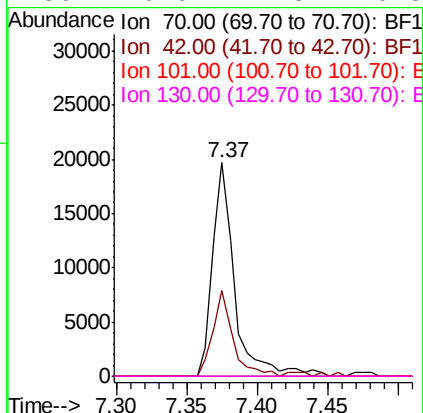
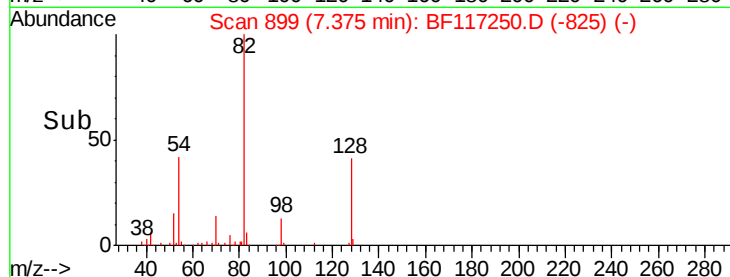
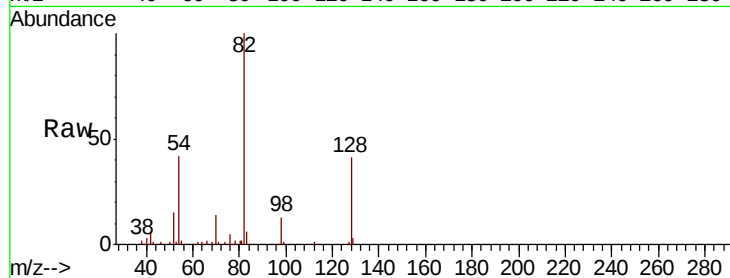
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 21428

Ion Ratio Lower Upper

70	100		
42	40.1	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

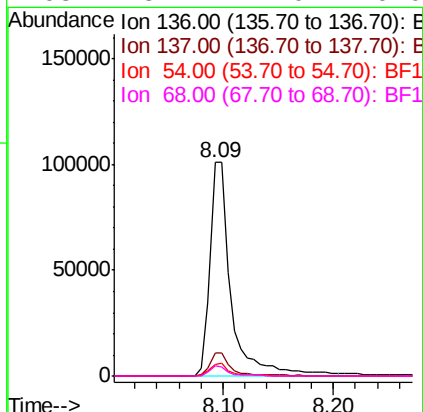
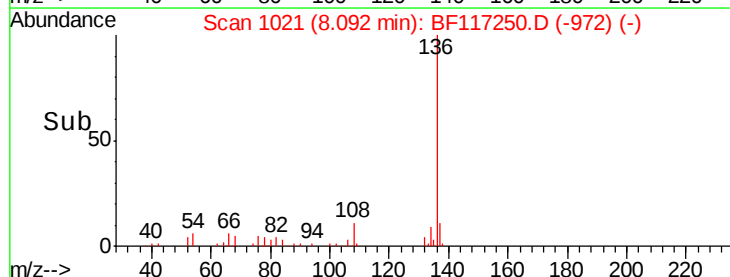
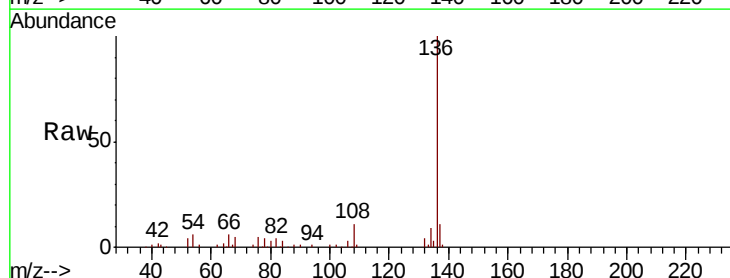
Lab File: BF117250.D

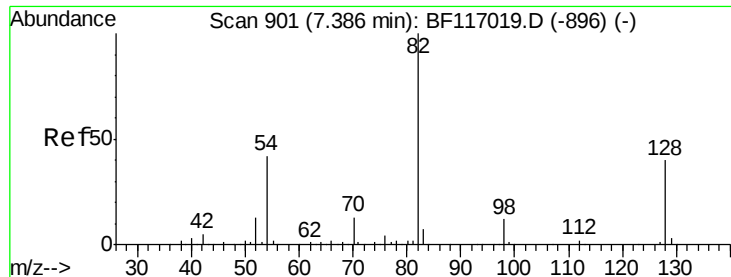
Acq: 25 Sep 2019 19:45

Tgt Ion: 136 Resp: 132120

Ion Ratio Lower Upper

136	100		
137	10.9	9.0	13.4
54	5.6	4.5	6.7
68	5.1	4.0	6.0

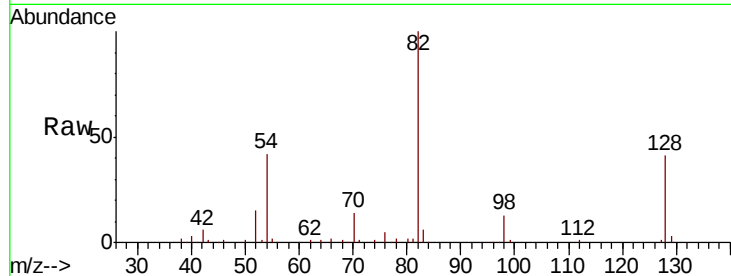




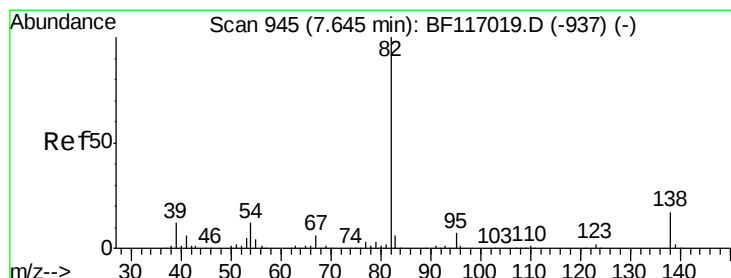
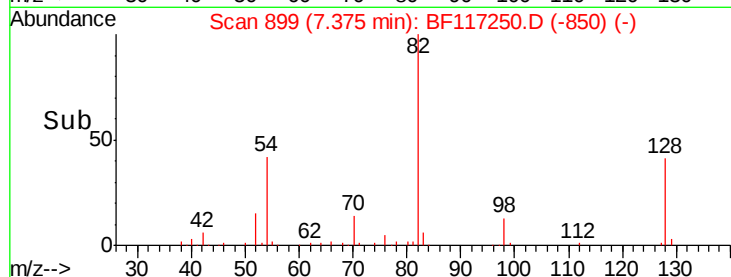
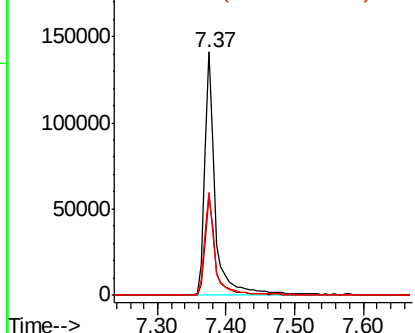
#23
 Nitrobenzene-d5
 Concen: 63.207 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117250.D
 Acq: 25 Sep 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	158936
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.3	48.5
54	42.4	33.3	49.9

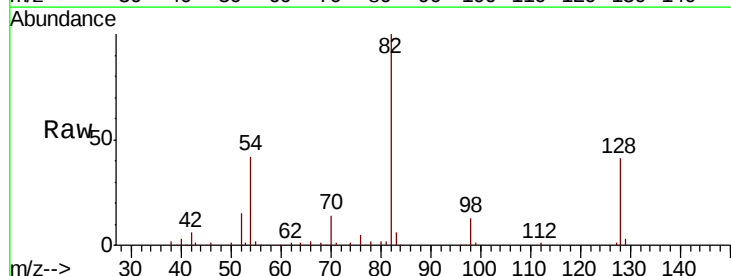


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

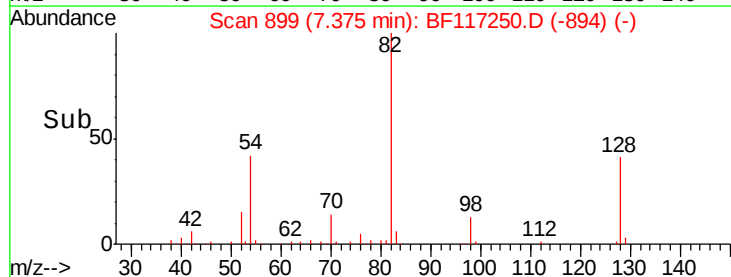
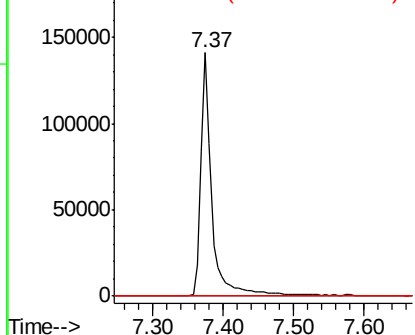


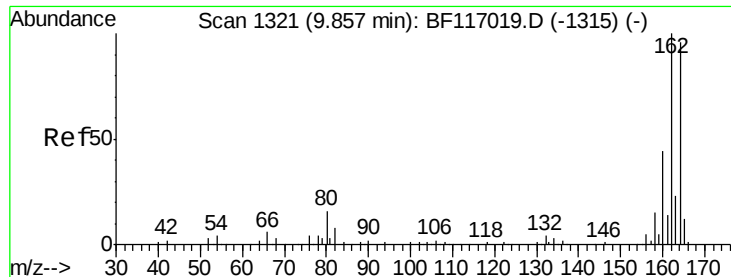
#25
 Isophorone
 Concen: 35.698 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.27 min
 Lab File: BF117250.D
 Acq: 25 Sep 2019 19:45

Tgt Ion	82	Resp	158935
Ion Ratio	Lower	Upper	
82	100		
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

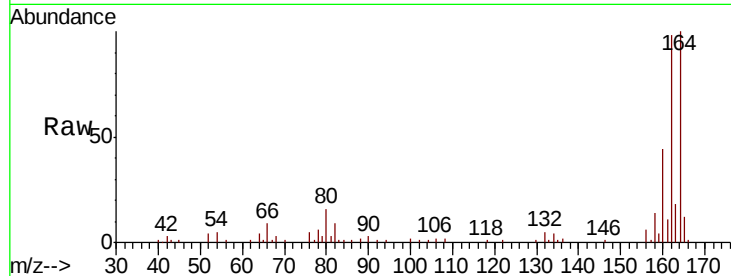




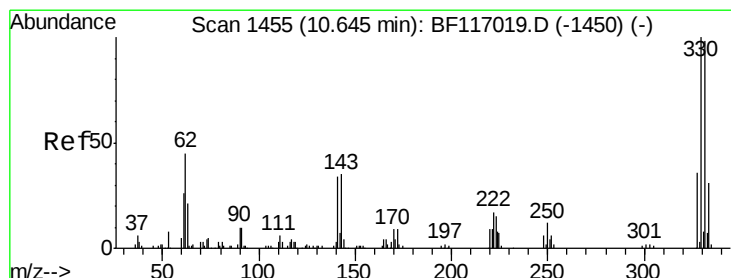
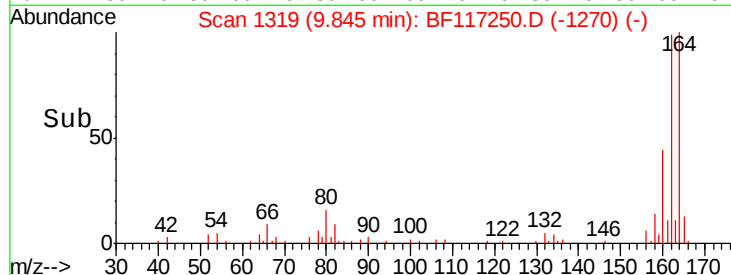
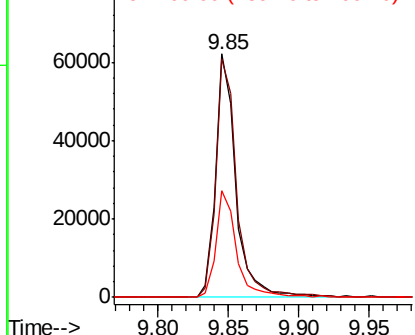
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 62034
Ion Ratio Lower Upper
164 100
162 98.0 83.4 125.2
160 44.0 36.4 54.6

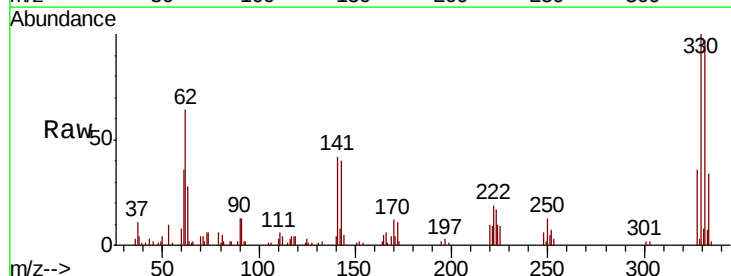


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

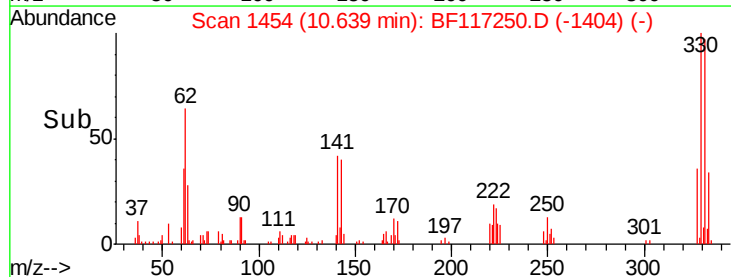
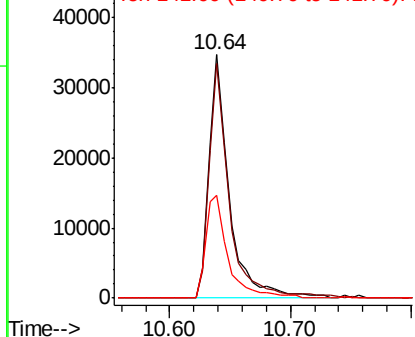


#42
2,4,6-Tribromophenol
Concen: 77.529 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Tgt Ion:330 Resp: 40196
Ion Ratio Lower Upper
330 100
332 96.1 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

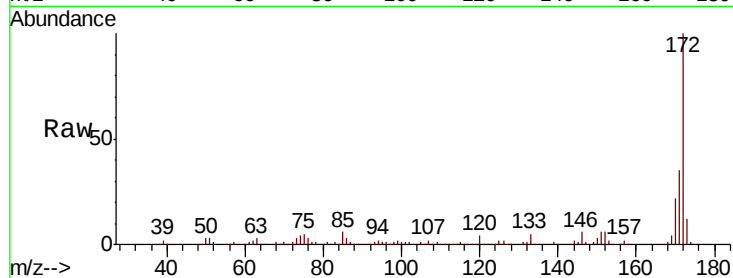




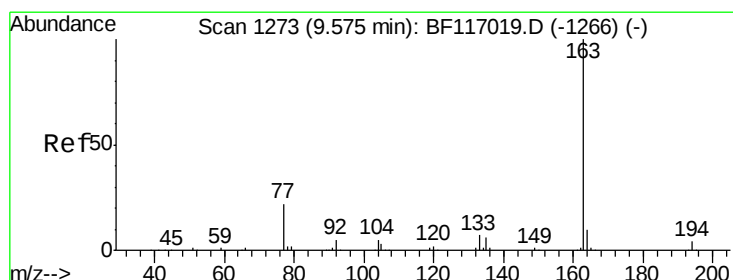
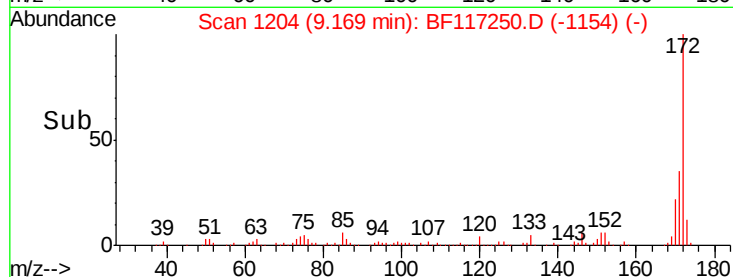
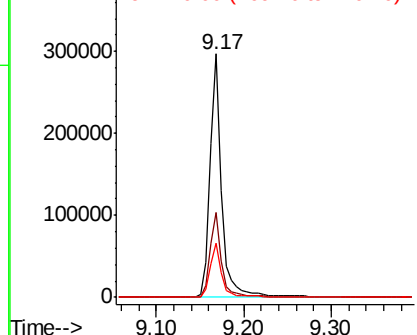
#45
2-Fluorobiphenyl
Concen: 69.714 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.2	18.9	28.3

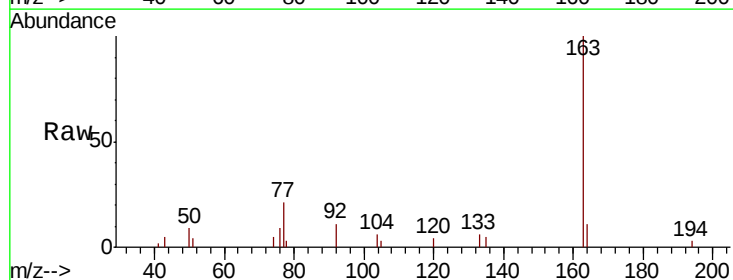


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

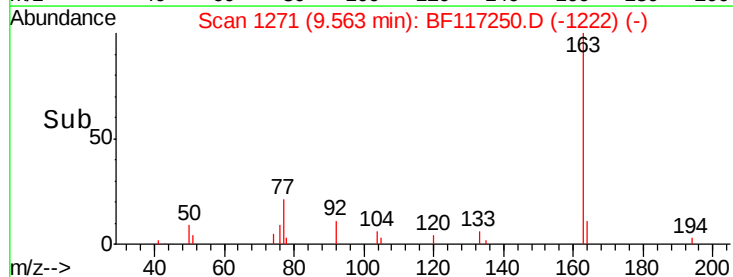
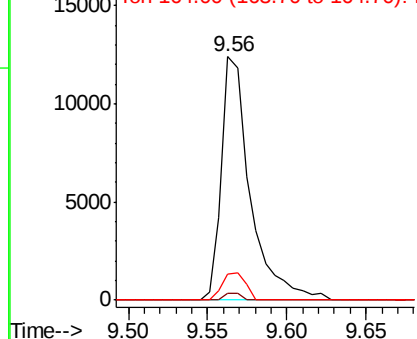


#50
Dimethylphthalate
Concen: 3.577 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.9	4.3#
164	10.6	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: 8.763 ng

RT: 9.85 min Scan# 1319

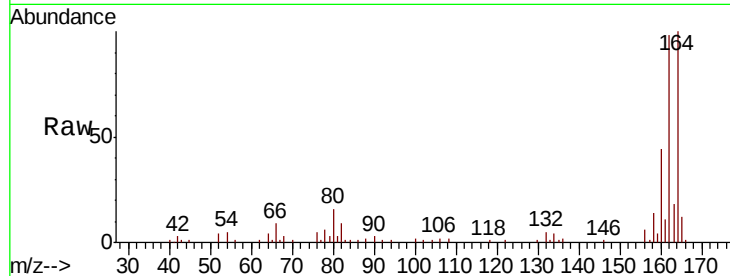
Delta R.T. 0.21 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :
BNA_F
ClientSampleId :

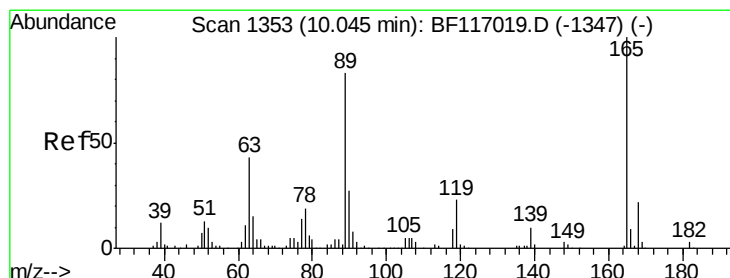
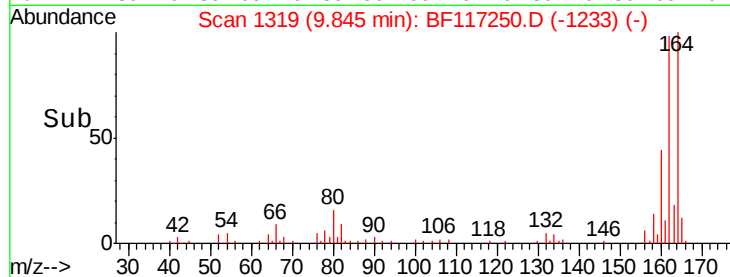
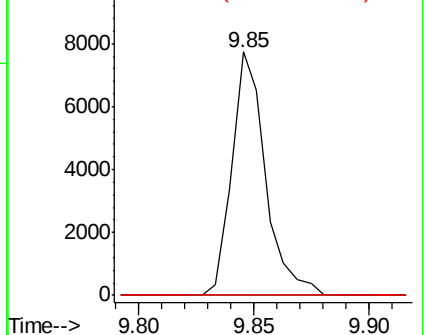
Tot Ion:165	Resp:	7839
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.8 62.8#
89	0.0	46.5 69.7#



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: 6.751 ng

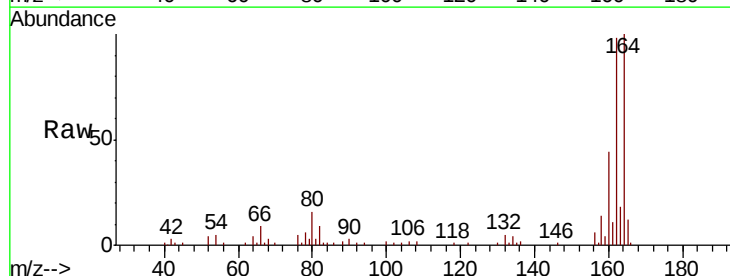
RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Tgt Ion:165	Resp:	7839
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#

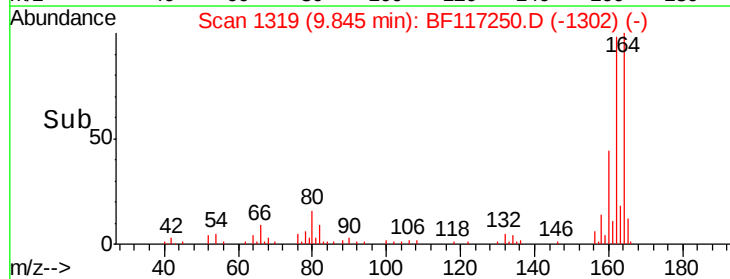
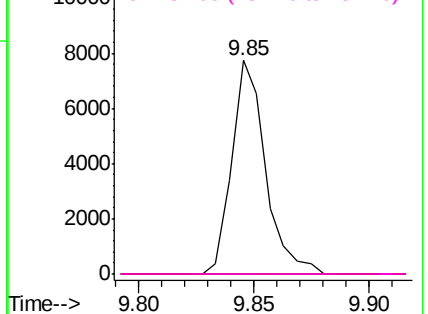


Abundance Ion 165.00 (164.70 to 165.70): E

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

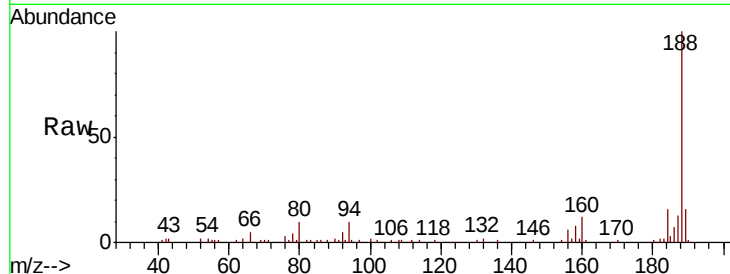




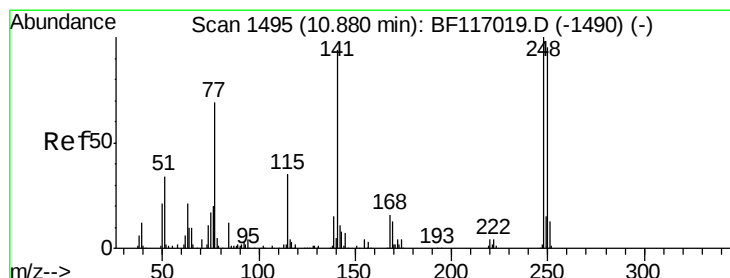
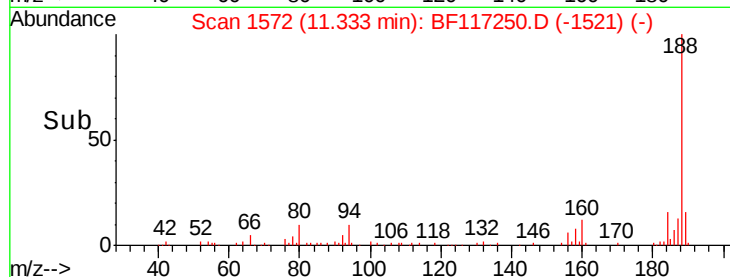
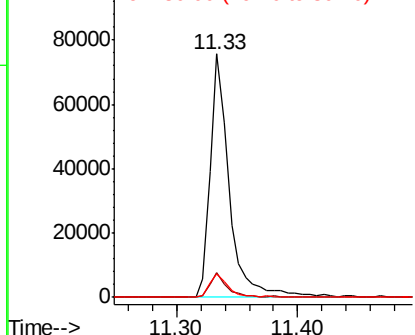
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 82468
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 9.9 9.0 13.6

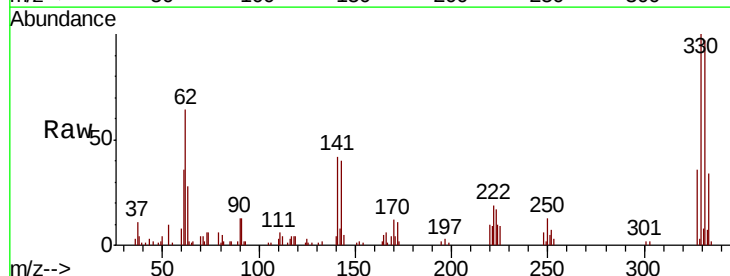


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

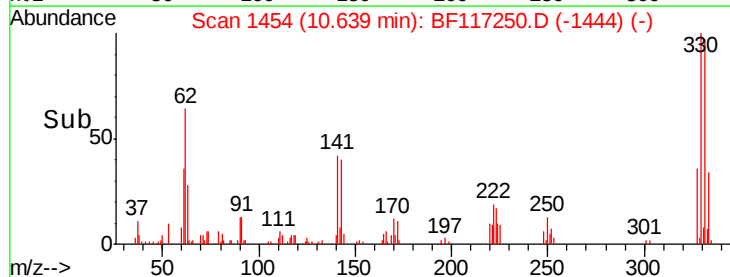
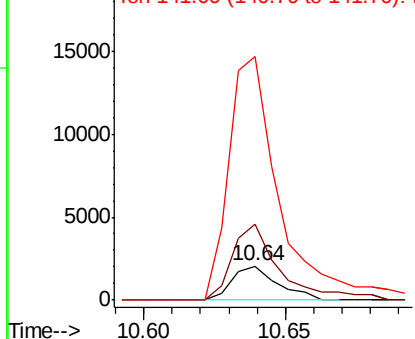


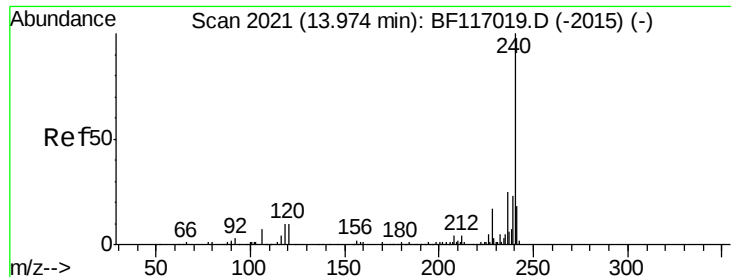
#67
4-Bromophenyl-phenylether
Concen: 2.699 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Tgt Ion:248 Resp: 2273
Ion Ratio Lower Upper
248 100
250 225.9 76.2 114.4#
141 718.7 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: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

BNA_F

ClientSampleId :

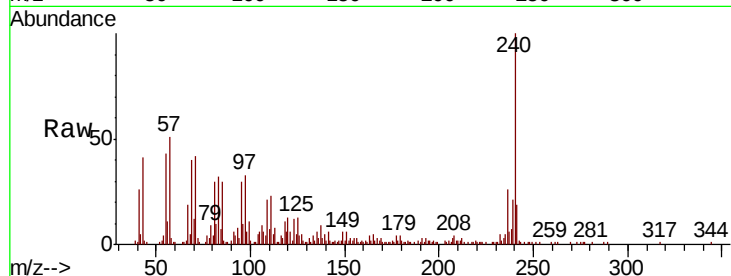
Tot Ion:240 Resp: 60922

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

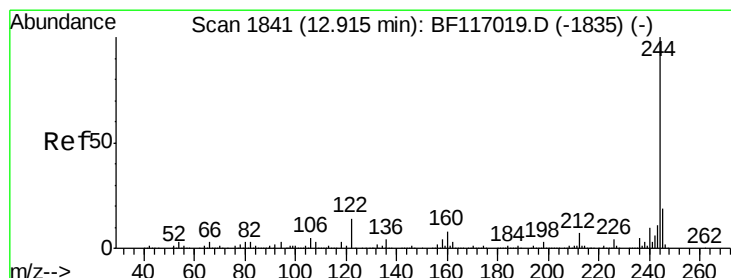
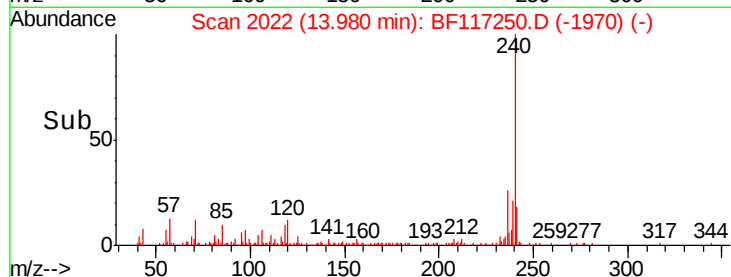
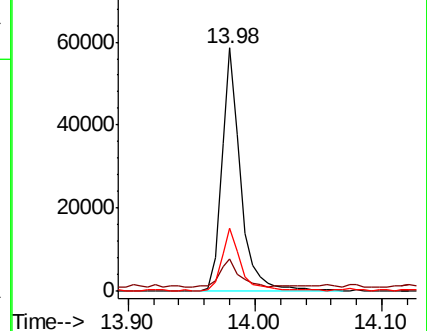
236 25.8 20.3 30.5



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: 61.517 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

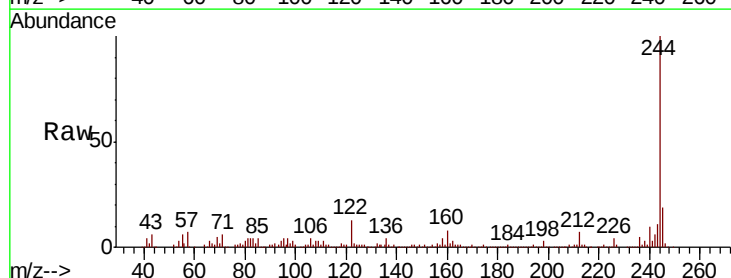
Tgt Ion:244 Resp: 200496

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

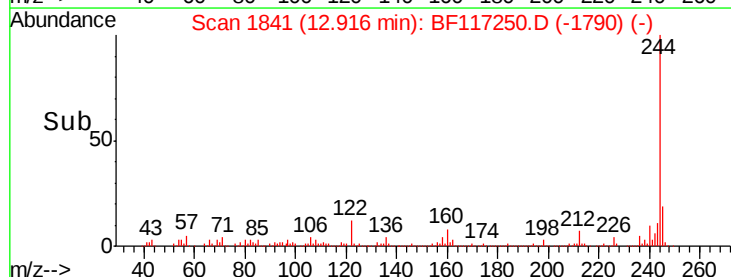
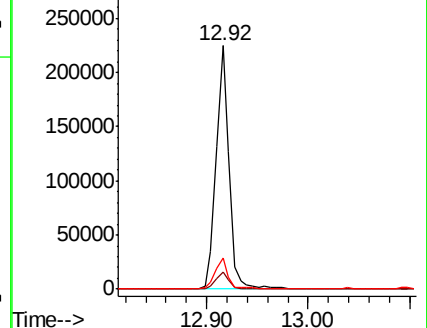
122 12.6 11.3 16.9

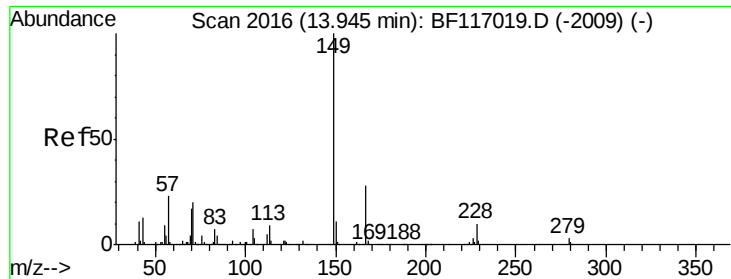


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.810 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

BNA_F

ClientSampled :

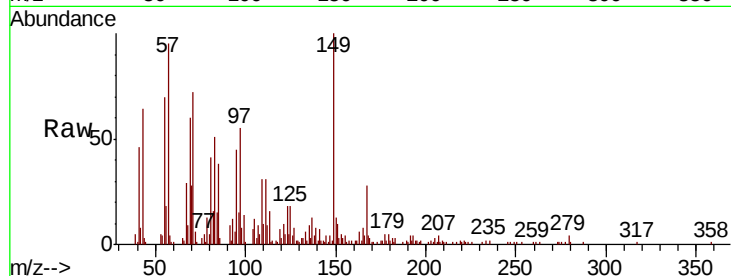
Tot Ion:149 Resp: 33665

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

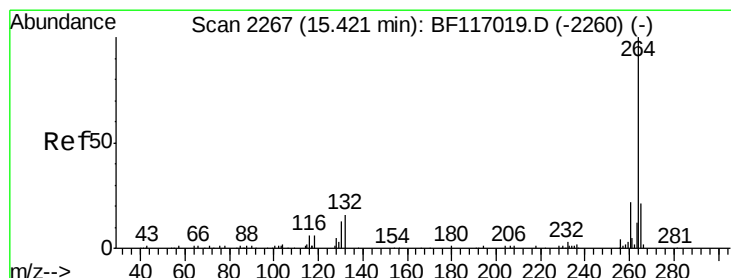
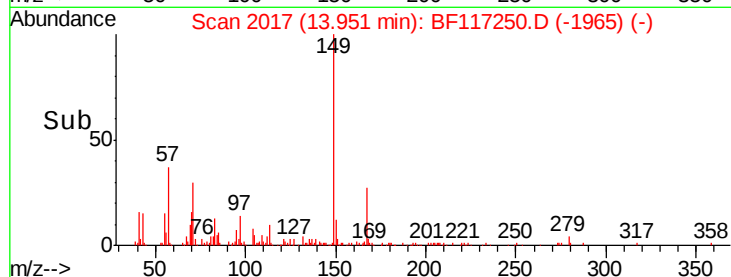
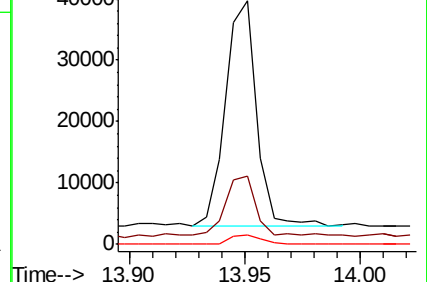
279 3.9 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.02 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

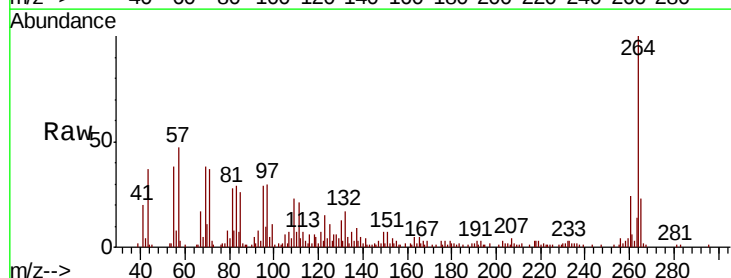
Tgt Ion:264 Resp: 63303

Ion Ratio Lower Upper

264 100

260 24.5 17.6 26.4

265 22.8 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

