

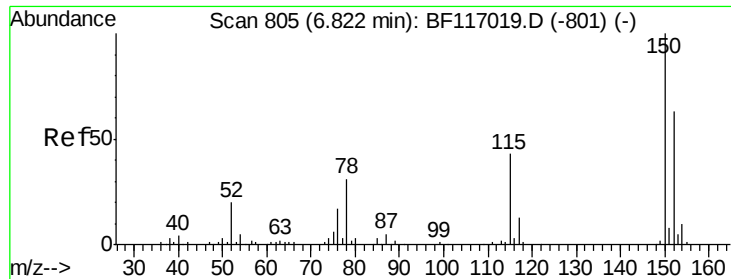
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117132.D
 Acq On : 18 Sep 2019 2:37
 Operator : HP/JU
 Sample : K4924-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 05:26:54 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	70433	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	291399	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	151200	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	258897	20.00	ng	0.00
76) Chrysene-d12	13.97	240	182552	20.00	ng	0.00
87) Perylene-d12	15.41	264	176109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	378411	83.88	ng	0.00
7) Phenol-d6	6.46	99	531615	91.18	ng	0.00
23) Nitrobenzene-d5	7.38	82	336895	60.75	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	117714	93.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	600245	62.07	ng	0.00
79) Terphenyl-d14	12.91	244	599090	61.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	9882	Below Cal		84
19) n-Nitroso-di-n-propylamine	7.38	70	43343	12.209 ng	#	80
25) Isophorone	7.38	82	336917	34.311 ng	#	66
50) Dimethylphthalate	9.57	163	97139	9.074 ng		99
57) 2,4-Dinitrotoluene	9.85	165	19110	6.752 ng	#	18
67) 4-Bromophenyl-phenylether	10.64	248	7242	2.739 ng	#	1

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

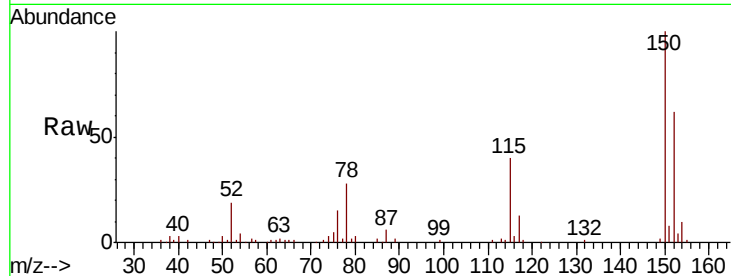


#1

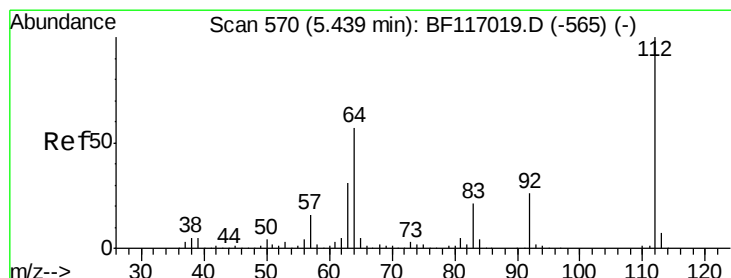
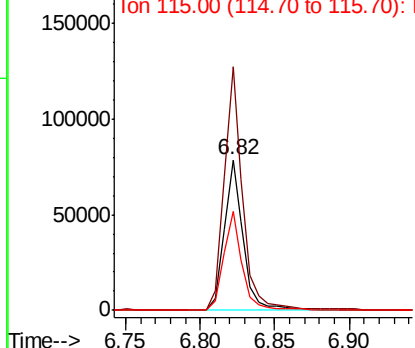
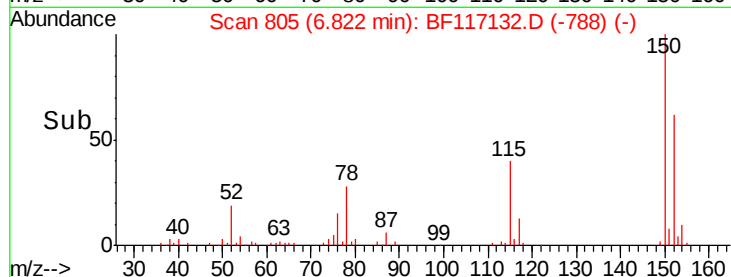
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117132.D
Acq: 18 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70433
Ion Ratio Lower Upper
152 100
150 161.9 127.5 191.3
115 65.4 55.0 82.4



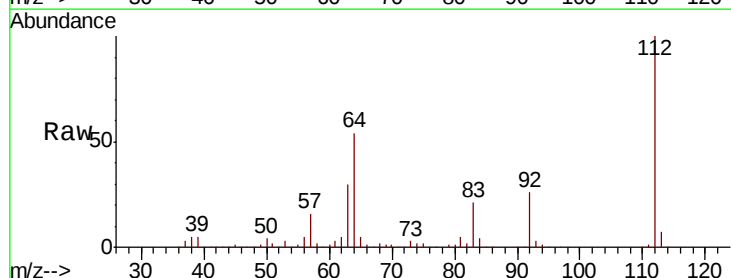
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



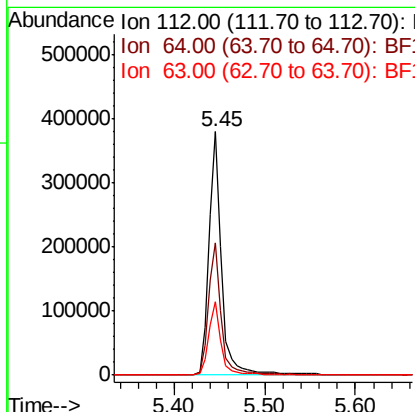
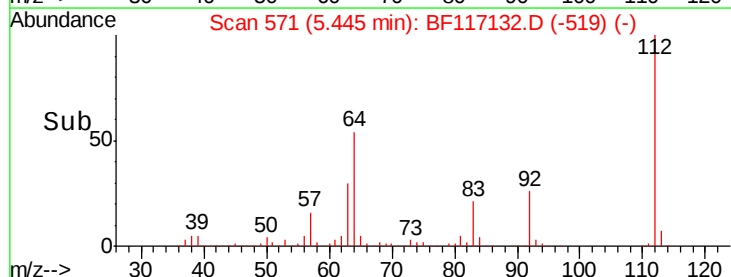
#5

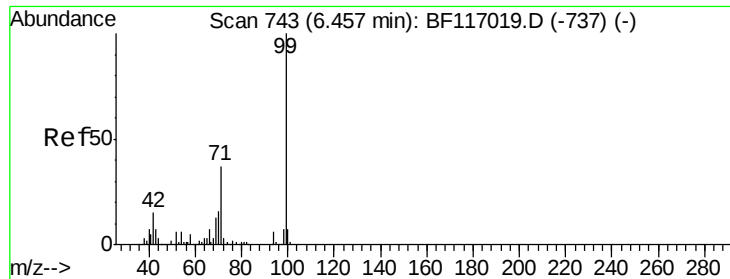
2-Fluorophenol
Concen: 83.880 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117132.D
Acq: 18 Sep 2019 2:37

Tgt Ion:112 Resp: 378411
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 30.1 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: 91.182 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117132.D

Acq: 18 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

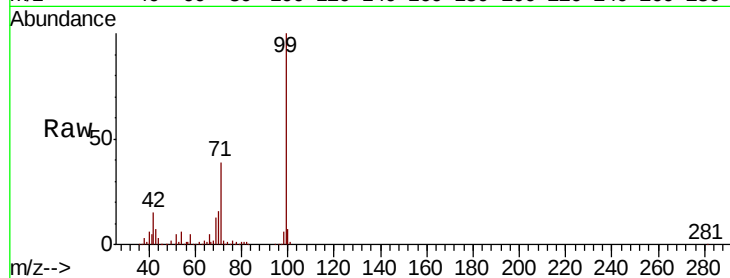
Tot Ion: 99 Resp: 531615

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

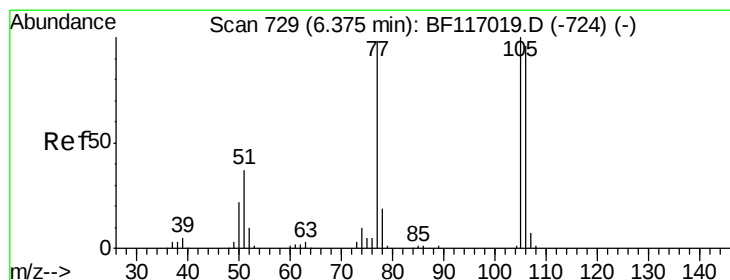
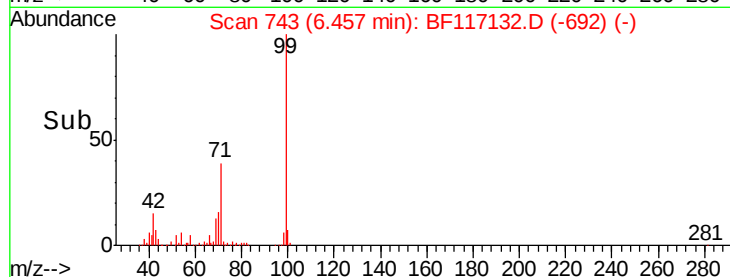
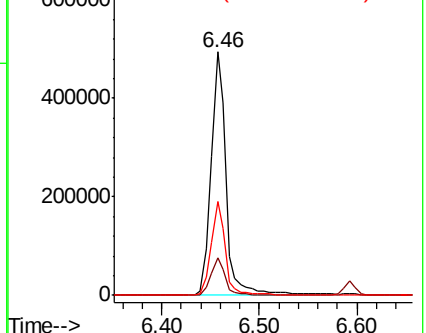
71 38.5 29.8 44.8



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# 766

Delta R.T. 0.22 min

Lab File: BF117132.D

Acq: 18 Sep 2019 2:37

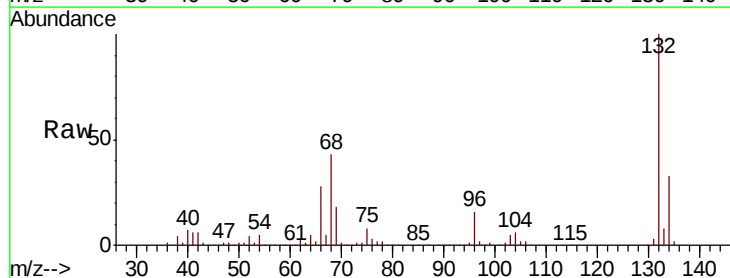
Tgt Ion: 77 Resp: 9882

Ion Ratio Lower Upper

77 100

105 87.4 81.8 121.8

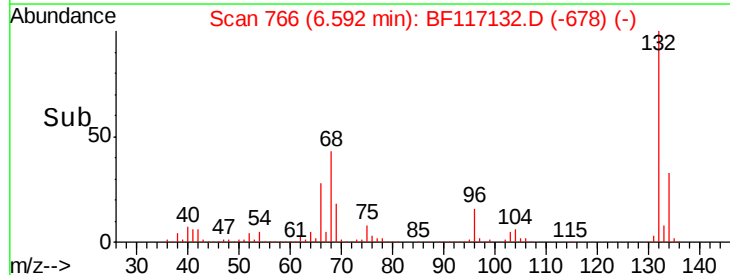
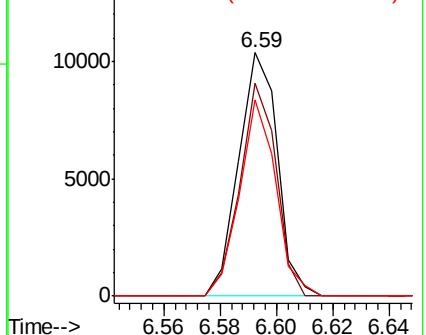
106 80.4 77.3 117.3

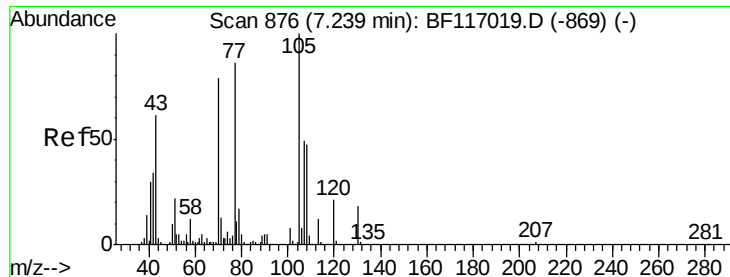


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

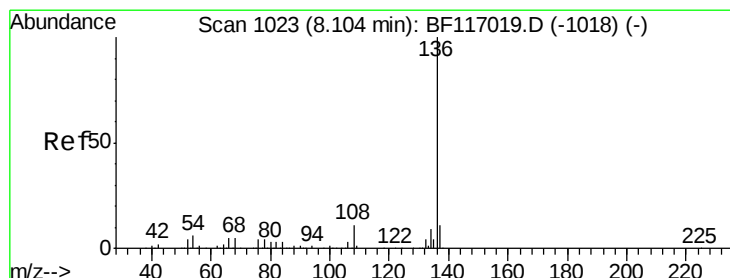
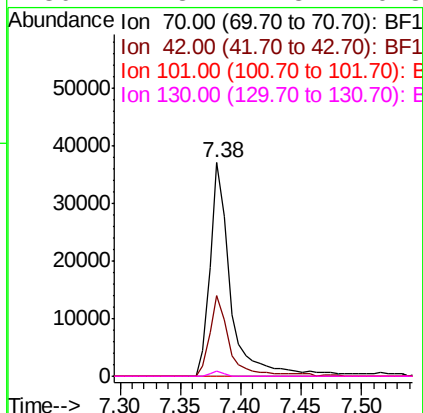
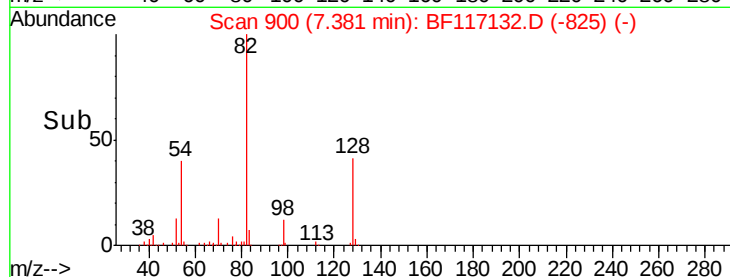
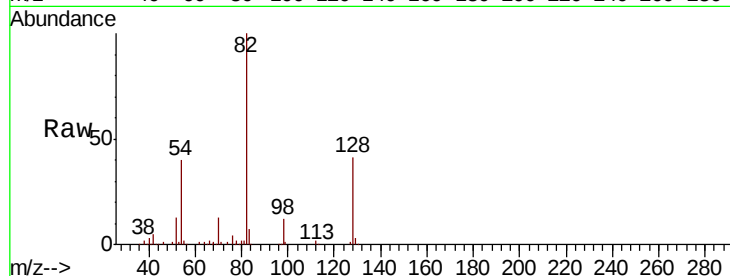




#19
n-Nitroso-di-n-propylamine
Concen: 12.209 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117132.D
Acq: 18 Sep 2019 2:37

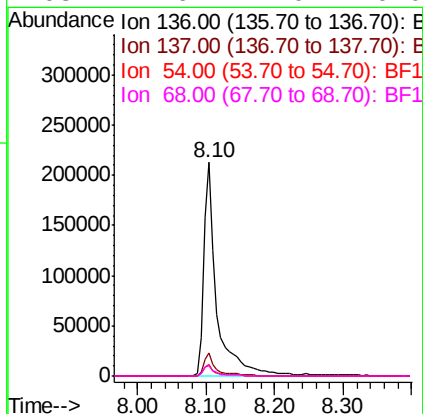
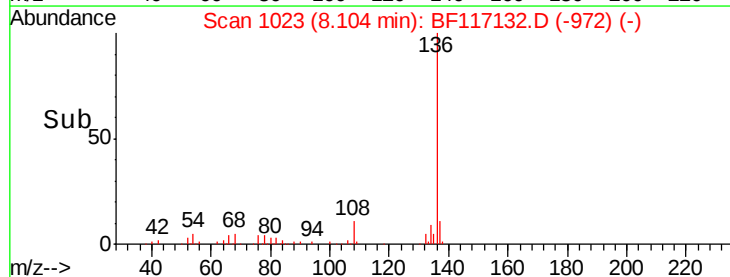
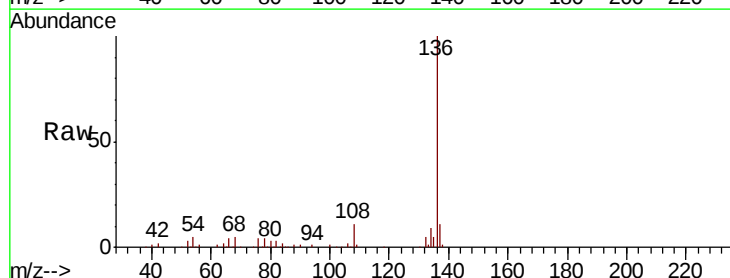
Instrument :
BNA_F
ClientSampled :

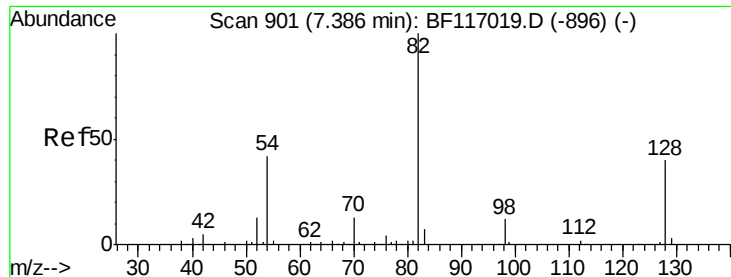
Tot Ion: 70 Resp: 43343
Ion Ratio Lower Upper
70 100
42 37.8 34.0 51.0
101 0.0 7.8 11.6#
130 2.3 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117132.D
Acq: 18 Sep 2019 2:37

Tgt Ion: 136 Resp: 291399
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 5.3 4.5 6.7
68 4.6 4.0 6.0

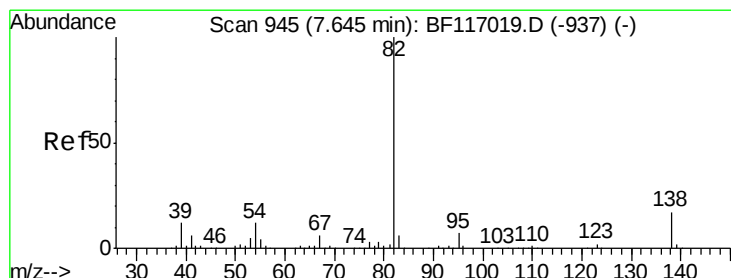
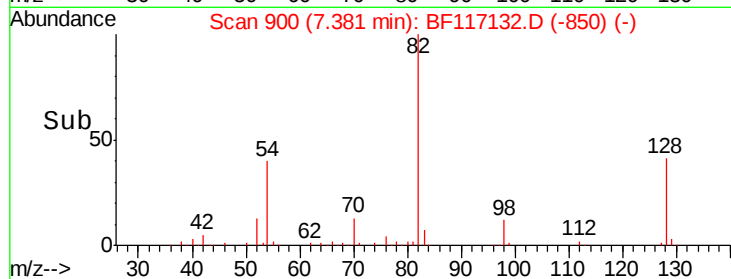
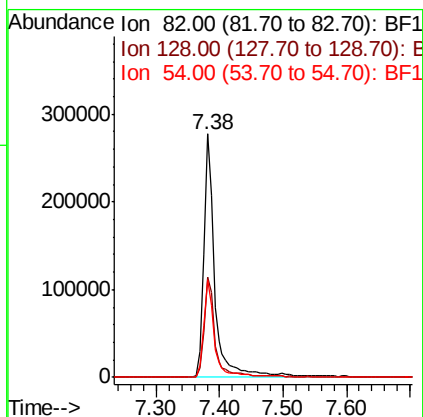
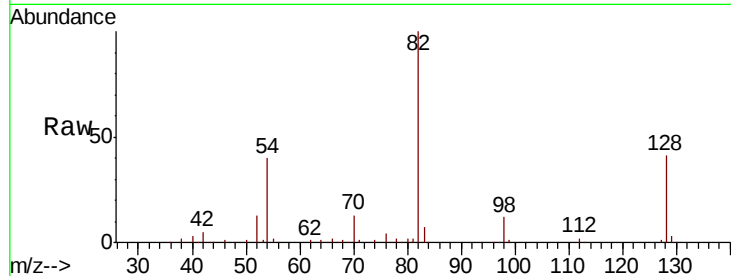




#23
 Nitrobenzene-d5
 Concen: 60.746 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

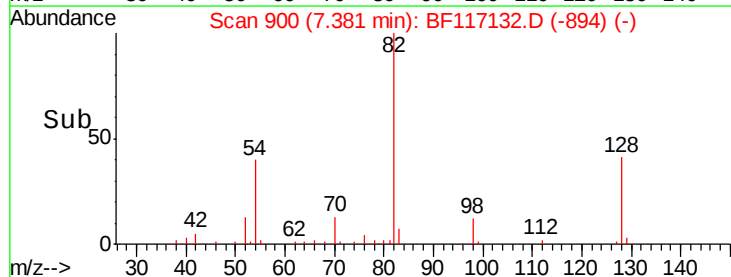
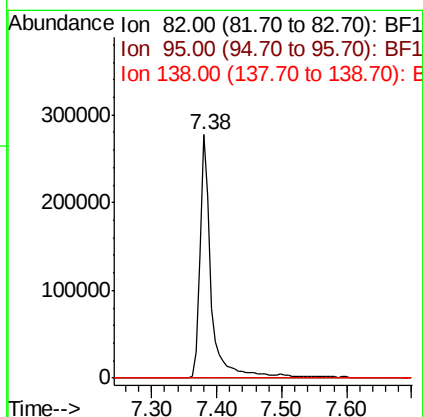
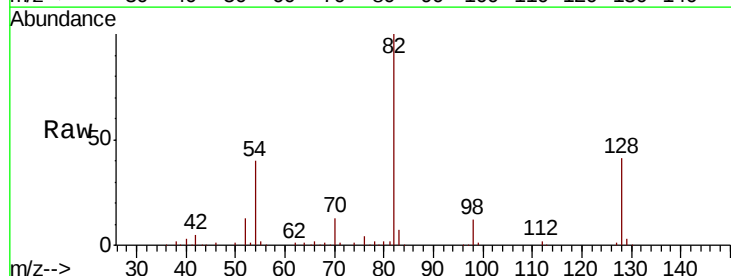
Instrument :
 BNA_F
 ClientSampleId :

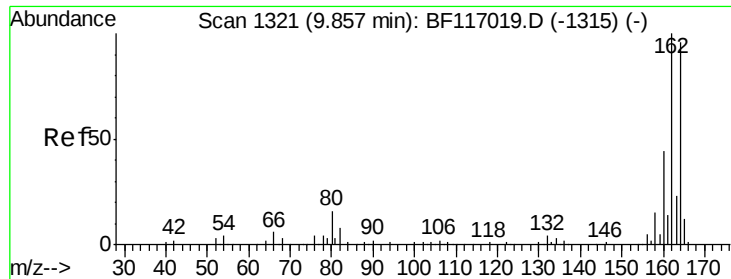
Tot Ion	82	Resp	336895
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.3	48.5
54	40.3	33.3	49.9



#25
 Isophorone
 Concen: 34.311 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

Tgt Ion	82	Resp	336917
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

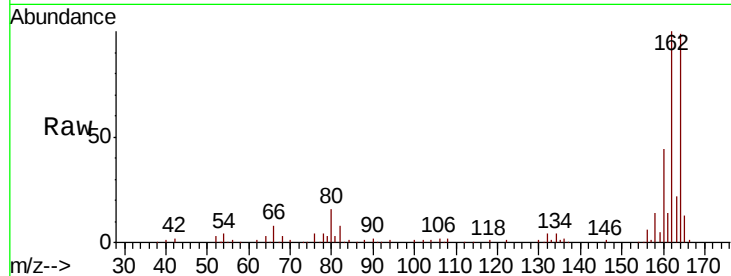




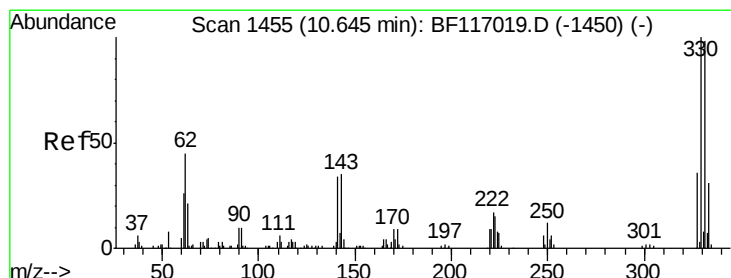
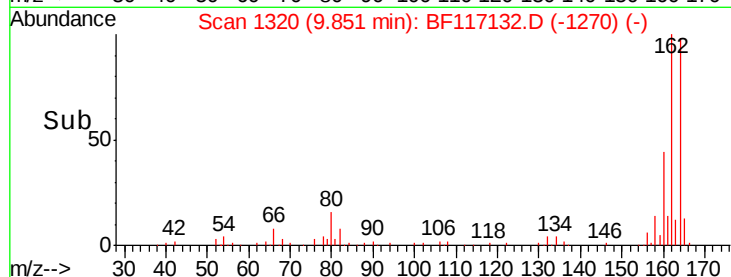
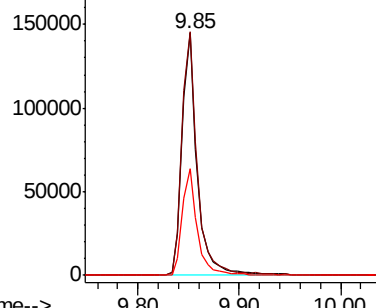
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 151200
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.4 125.2
 160 44.3 36.4 54.6

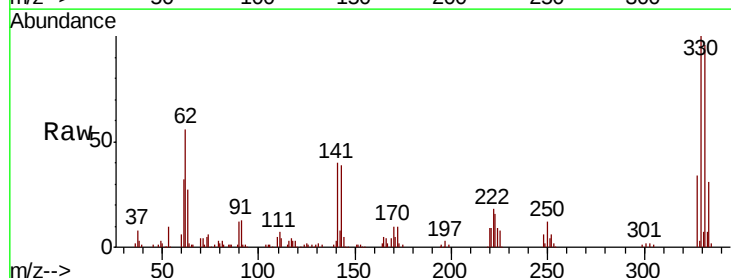


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

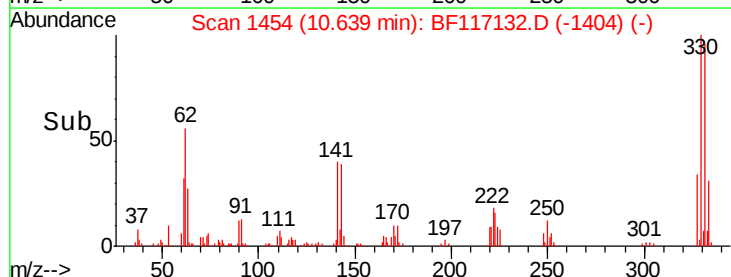
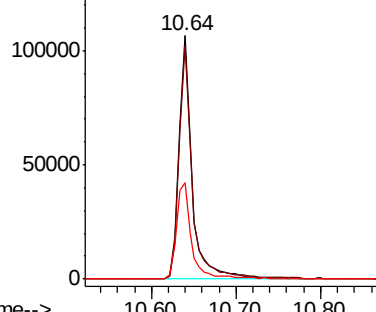


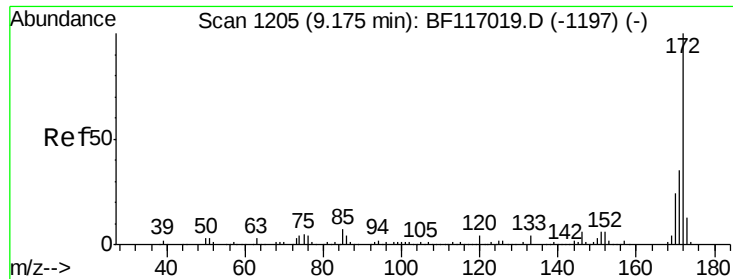
#42
 2,4,6-Tribromophenol
 Concen: 93.151 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

Tgt Ion:330 Resp: 117714
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.0 117.0
 141 44.8 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

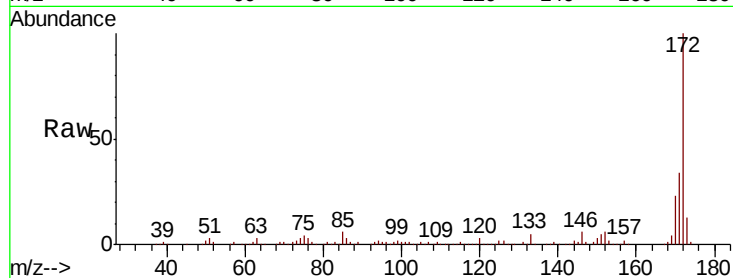




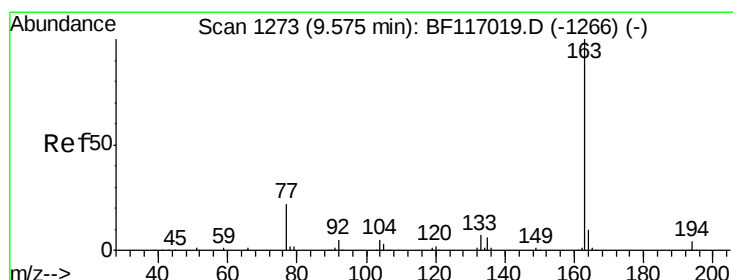
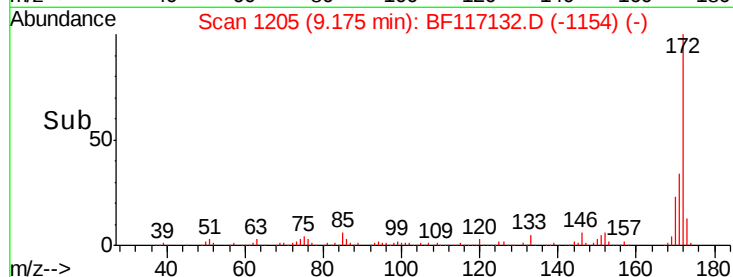
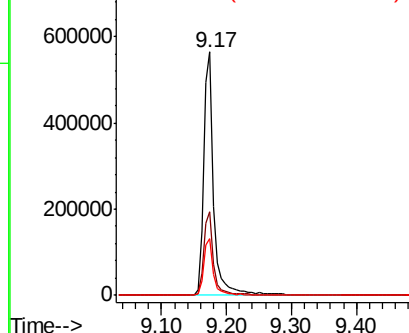
#45
2-Fluorobiphenyl
Concen: 62.072 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117132.D
Acq: 18 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 600245
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 23.3 18.9 28.3

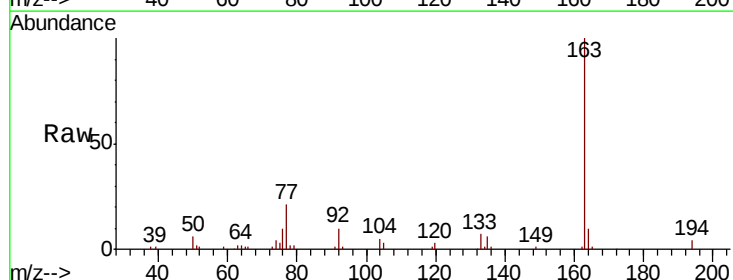


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

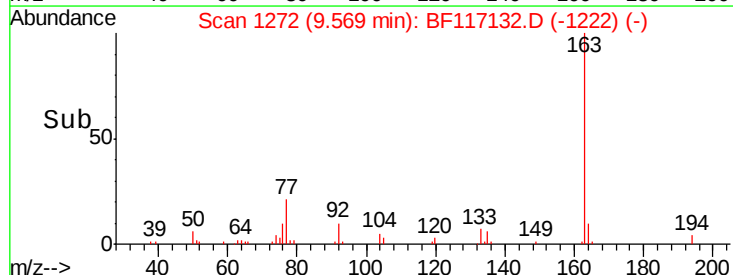
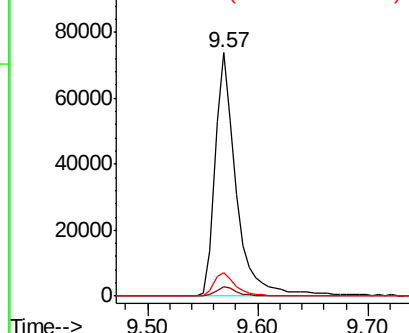


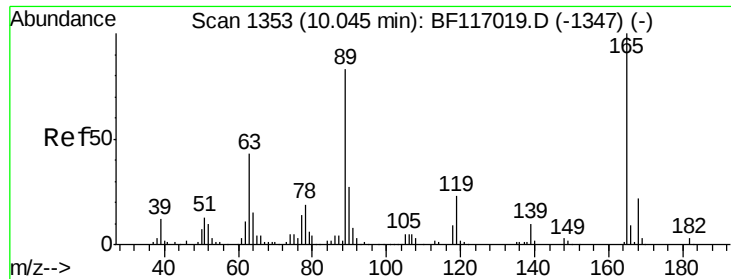
#50
Dimethylphthalate
Concen: 9.074 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117132.D
Acq: 18 Sep 2019 2:37

Tgt Ion:163 Resp: 97139
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.8 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

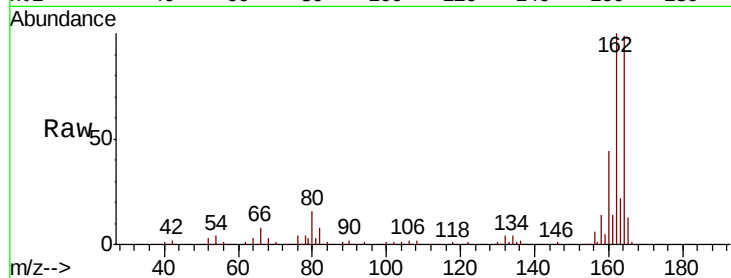




#57
 2,4-Dinitrotoluene
 Concen: 6.752 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

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#

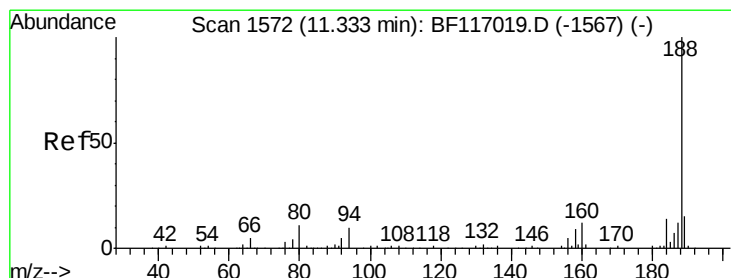
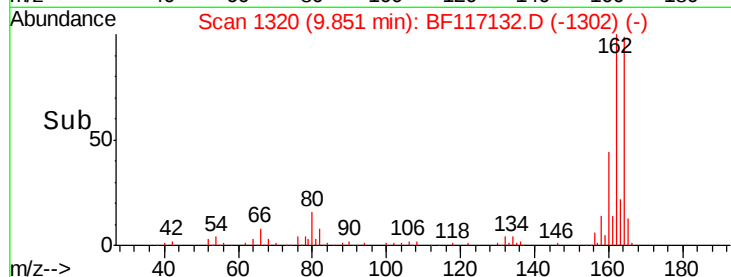
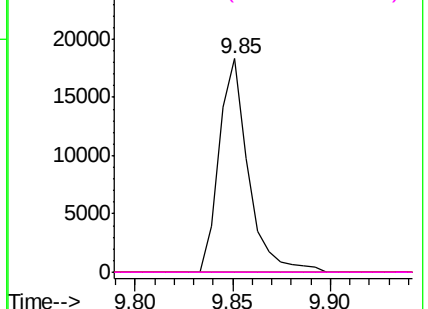


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

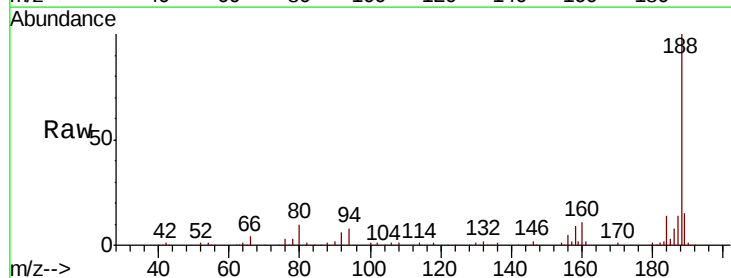
Ion 89.00 (88.70 to 89.70): BF1

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: BF117132.D
 Acq: 18 Sep 2019 2:37

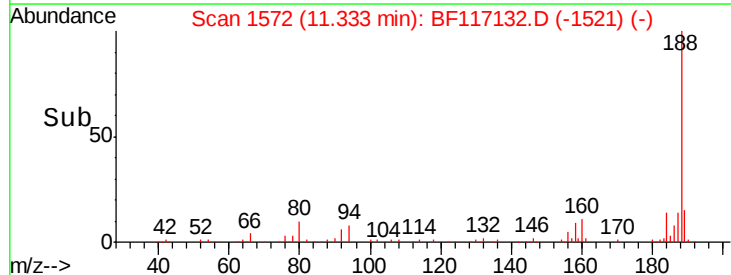
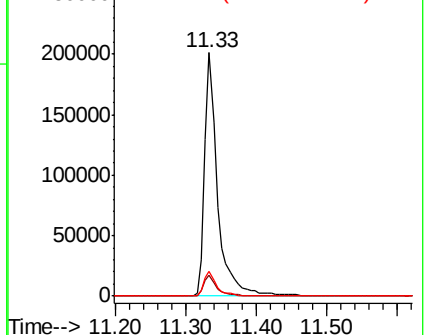
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	10.3	9.0	13.6

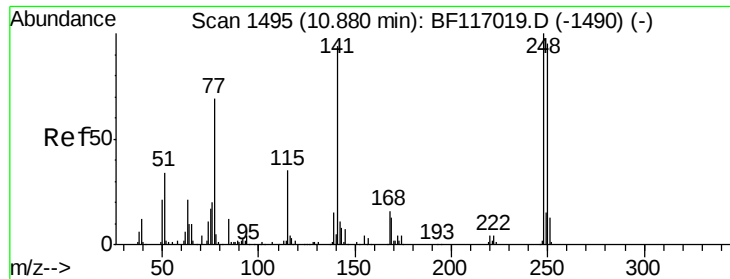


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

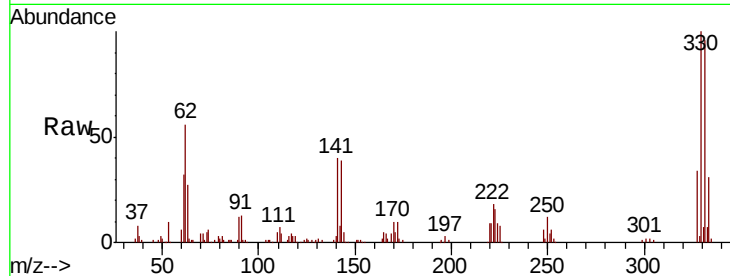




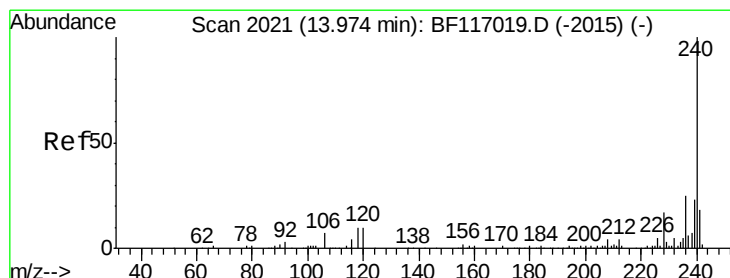
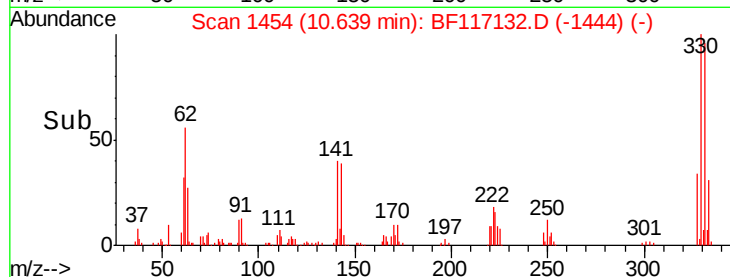
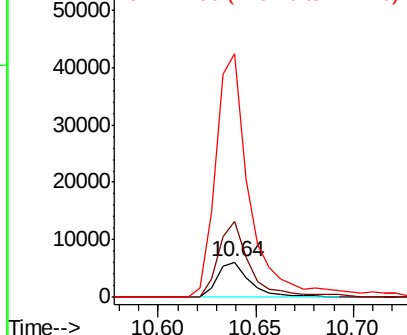
#67
 4-Bromophenyl-phenylether
 Concen: 2.739 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7242
 Ion Ratio Lower Upper
 248 100
 250 214.9 76.2 114.4#
 141 687.4 75.0 112.4#

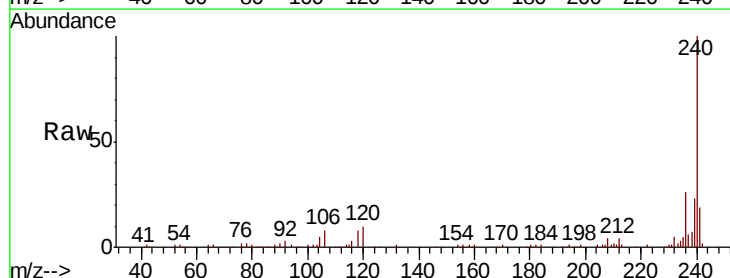


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

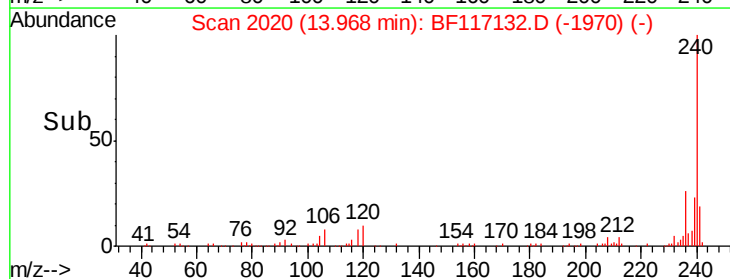
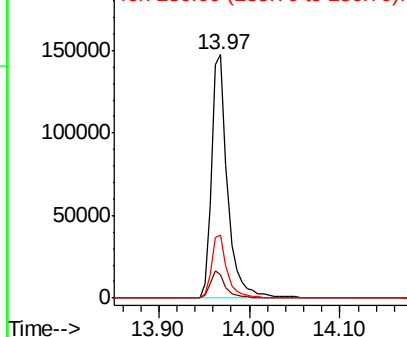


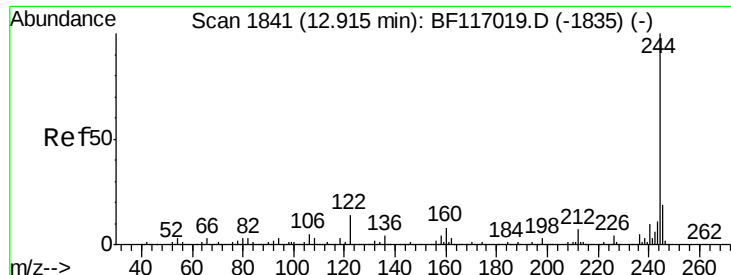
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

Tgt Ion:240 Resp: 182552
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.3 12.5
 236 25.9 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

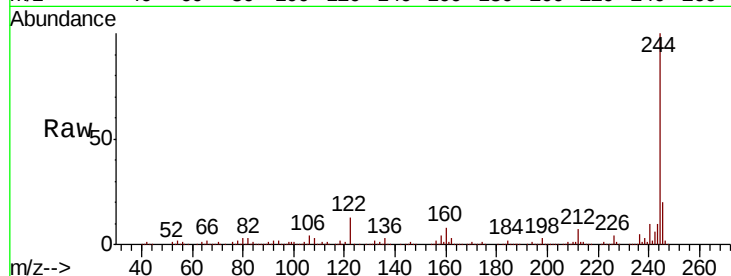




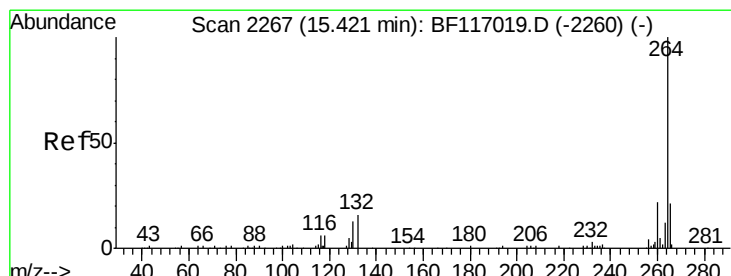
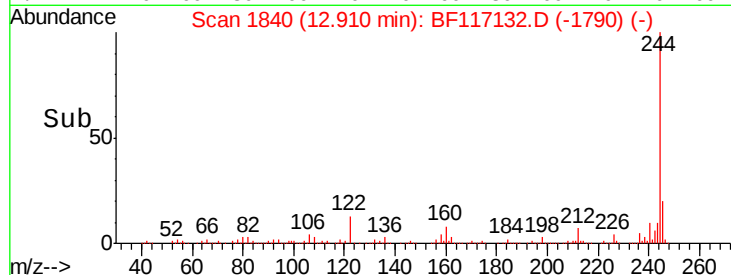
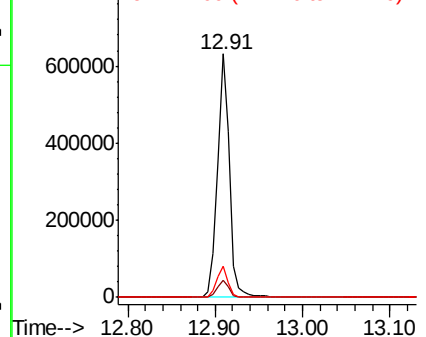
#79
 Terphenyl-d14
 Concen: 61.343 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.8	11.3	16.9

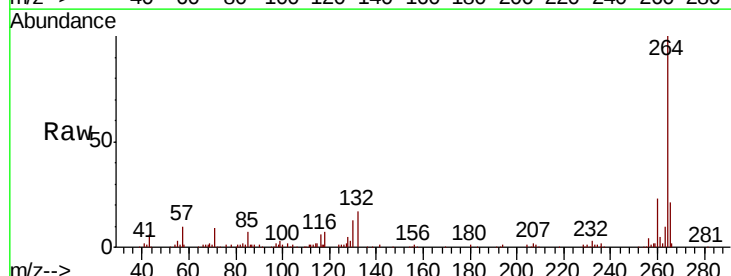


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117132.D
 Acq: 18 Sep 2019 2:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.6	26.4
265	20.7	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

