

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117303.D
 Acq On : 2 Oct 2019 16:53
 Operator : JU
 Sample : K5128-02 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:31:35 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

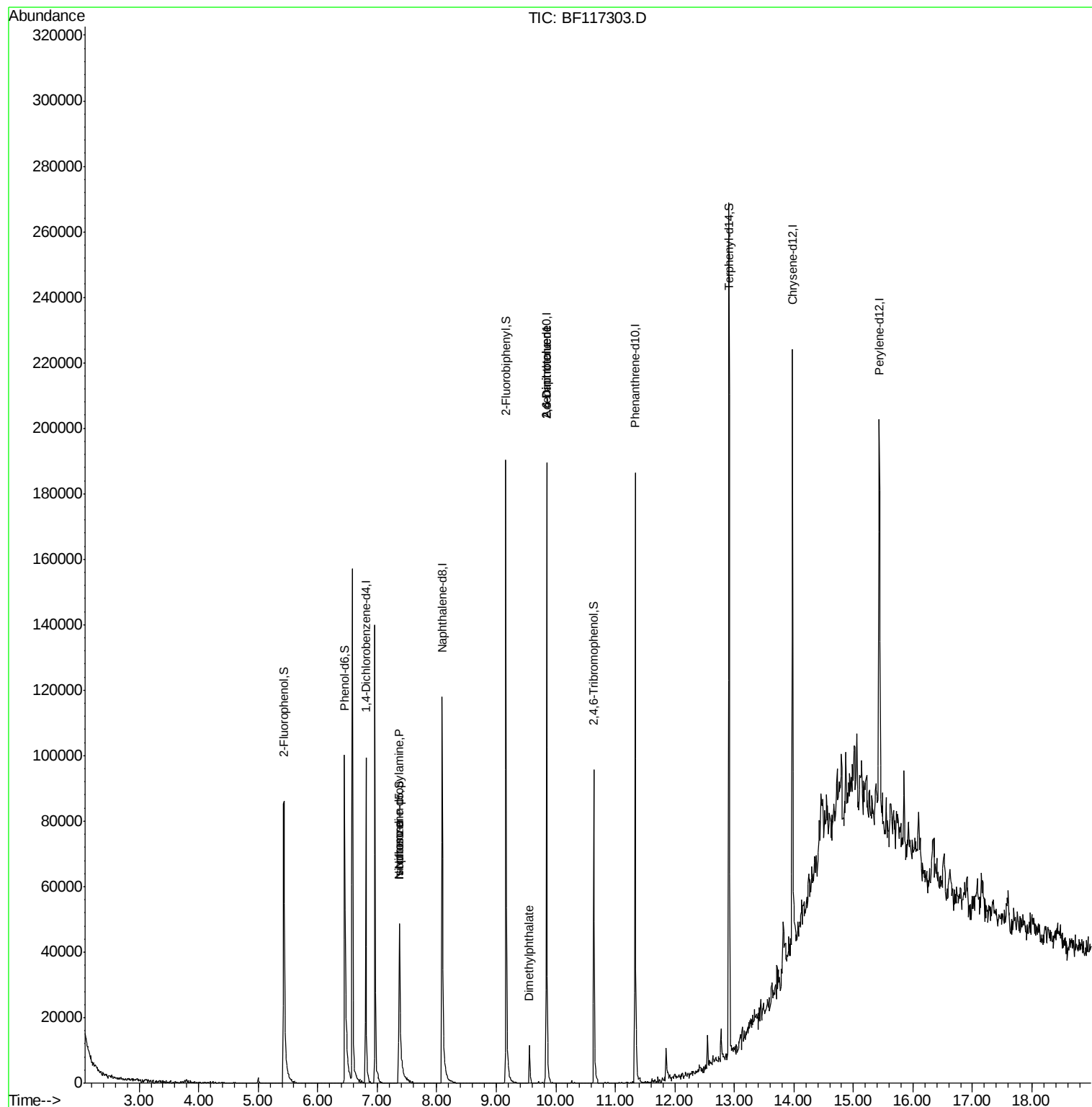
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	18702	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	80834	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	44479	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	78284	20.00	ng	0.00
76) Chrysene-d12	13.97	240	57061	20.00	ng	0.00
87) Perylene-d12	15.43	264	46509	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	42282	35.30	ng	0.00
7) Phenol-d6	6.45	99	60939	39.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	35616	23.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	14802	39.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	77649	27.30	ng	-0.01
79) Terphenyl-d14	12.91	244	84879	27.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	999	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.37	70	4294	4.555 ng	#	73
25) Isophorone	7.37	82	35616	13.075 ng	#	66
50) Dimethylphthalate	9.56	163	6518	2.070 ng	#	92
51) 2,6-Dinitrotoluene	9.85	165	5605	8.738 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	5605	6.732 ng	#	18

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

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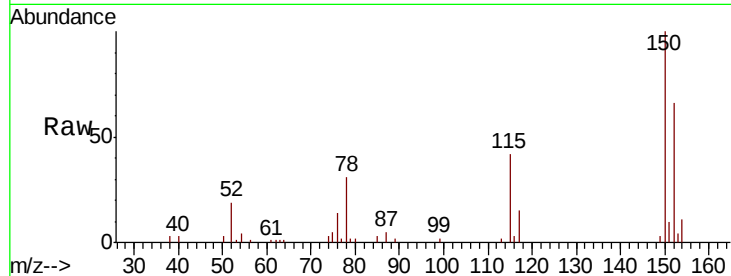


#1

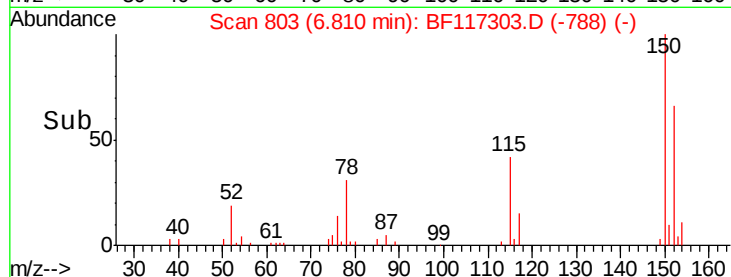
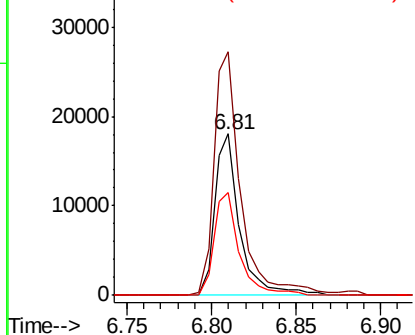
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 18702
Ion Ratio Lower Upper
152 100
150 151.1 127.5 191.3
115 63.5 55.0 82.4



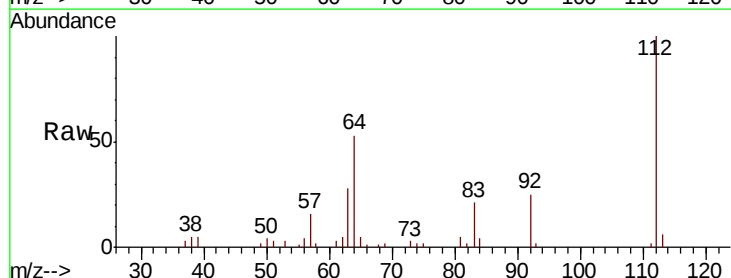
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



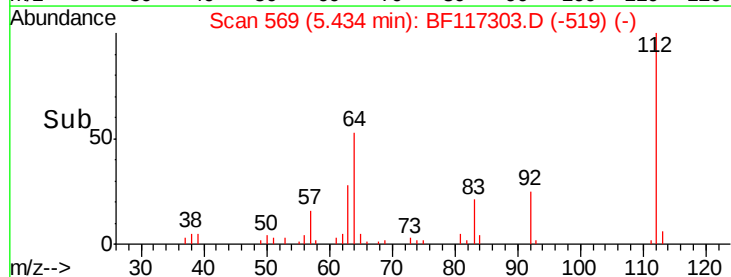
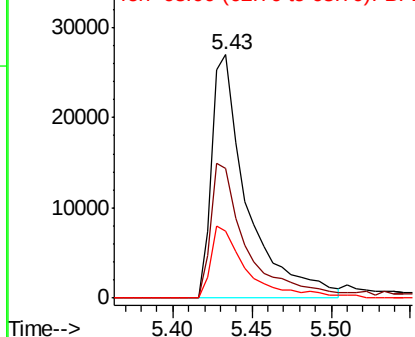
#5

2-Fluorophenol
Concen: 35.297 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

Tgt Ion:112 Resp: 42282
Ion Ratio Lower Upper
112 100
64 53.3 45.7 68.5
63 27.8 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: 39.364 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117303.D

Acq: 2 Oct 2019 16:53

Instrument :

BNA_F

ClientSampleId :

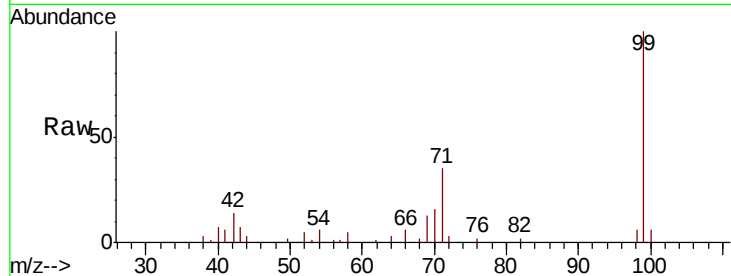
Tot Ion: 99 Resp: 60939

Ion Ratio Lower Upper

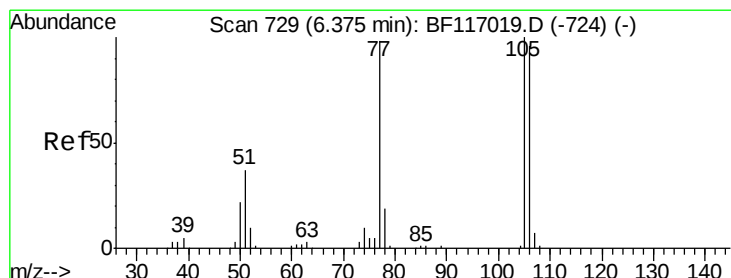
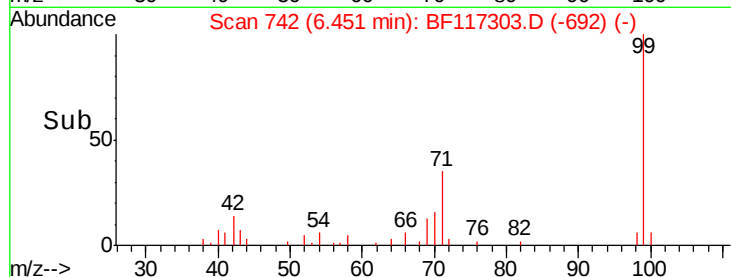
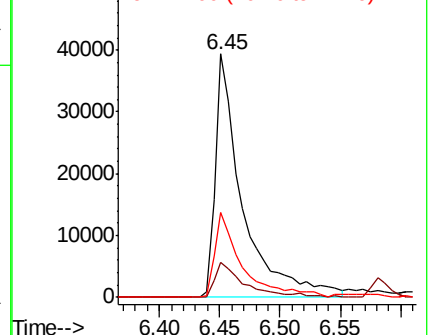
99 100

42 14.4 12.2 18.2

71 34.6 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: 6.58 min Scan# 764

Delta R.T. 0.21 min

Lab File: BF117303.D

Acq: 2 Oct 2019 16:53

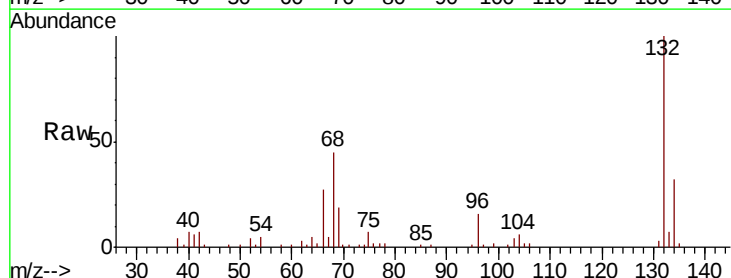
Tgt Ion: 77 Resp: 999

Ion Ratio Lower Upper

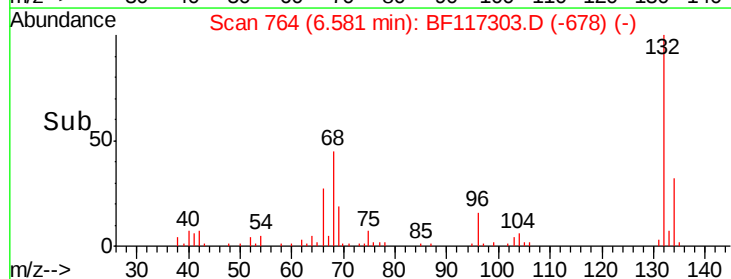
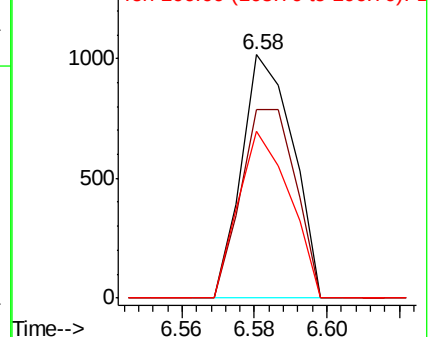
77 100

105 77.3 81.8 121.8#

106 68.4 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: 4.555 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.13 min

Lab File: BF117303.D

Acq: 2 Oct 2019 16:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 4294

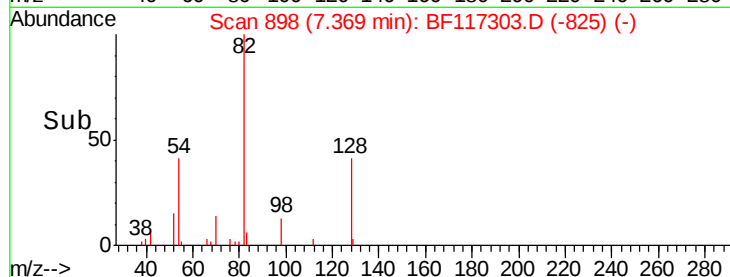
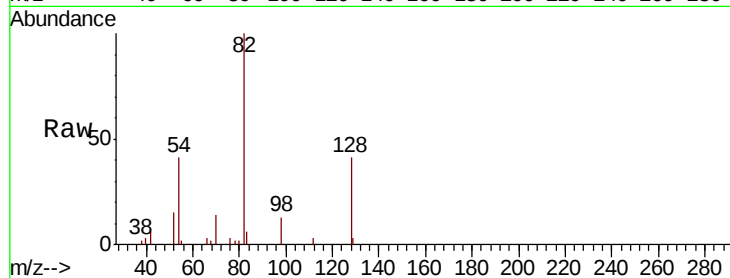
Ion Ratio Lower Upper

70 100

42 44.7 34.0 51.0

101 0.0 7.8 11.6#

130 0.0 17.8 26.8#

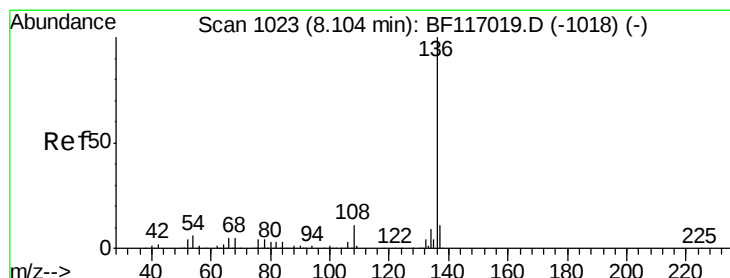
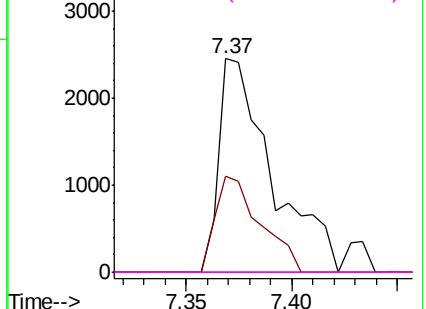


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117303.D

Acq: 2 Oct 2019 16:53

Tgt Ion: 136 Resp: 80834

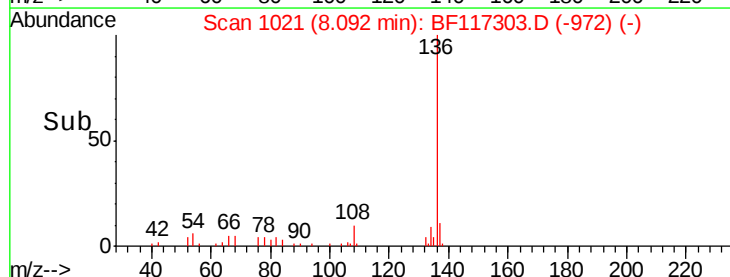
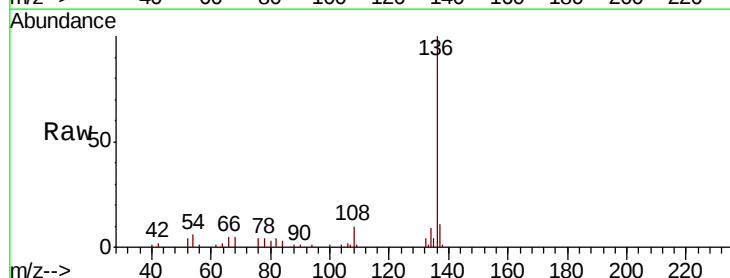
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.8 4.5 6.7

68 5.0 4.0 6.0

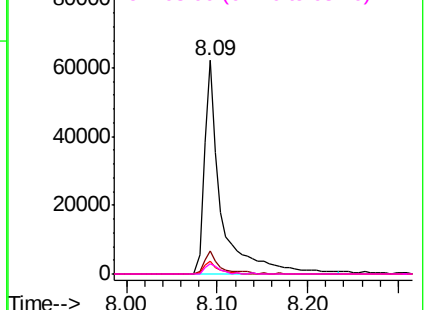


Abundance Ion 136.00 (135.70 to 136.70): E

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

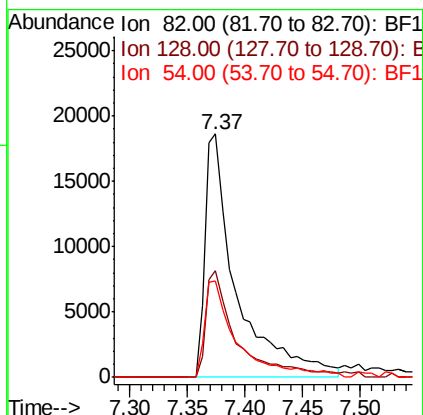
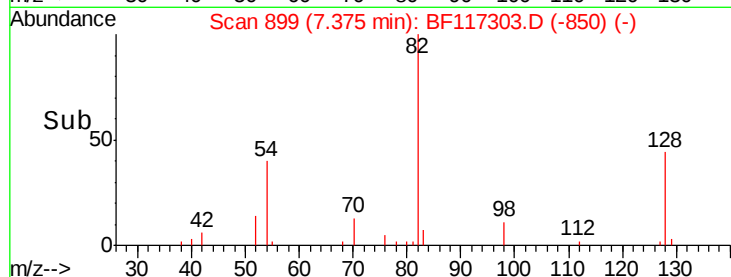
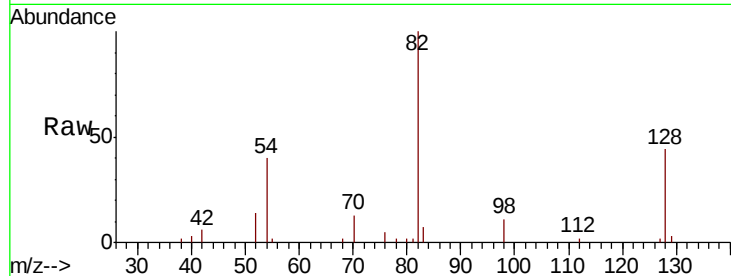




#23
 Nitrobenzene-d5
 Concen: 23.151 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117303.D
 Acq: 2 Oct 2019 16:53

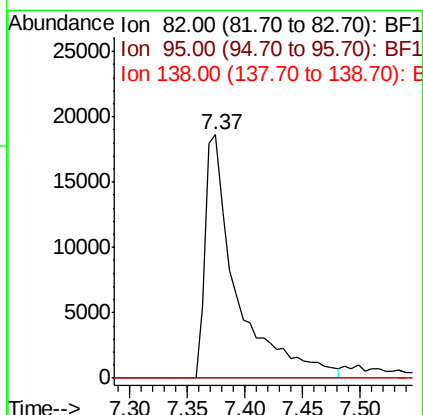
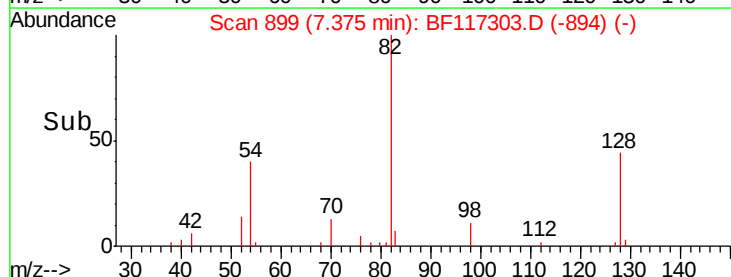
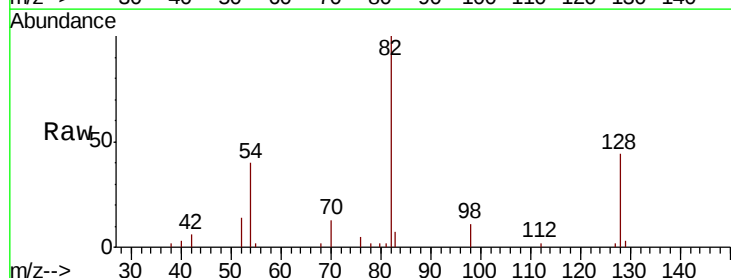
Instrument :
 BNA_F
 ClientSampled :

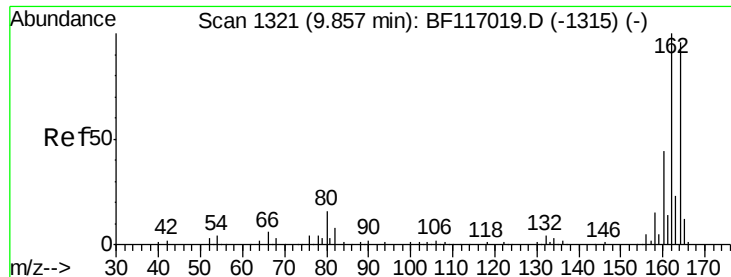
Tot Ion	82	Resp	35616
Ion Ratio	100	Lower	Upper
128	43.6	32.3	48.5
54	39.7	33.3	49.9



#25
 Isophorone
 Concen: 13.075 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.27 min
 Lab File: BF117303.D
 Acq: 2 Oct 2019 16:53

Tgt Ion	82	Resp	35616
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

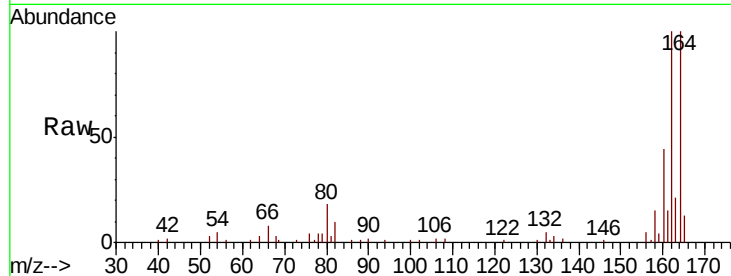




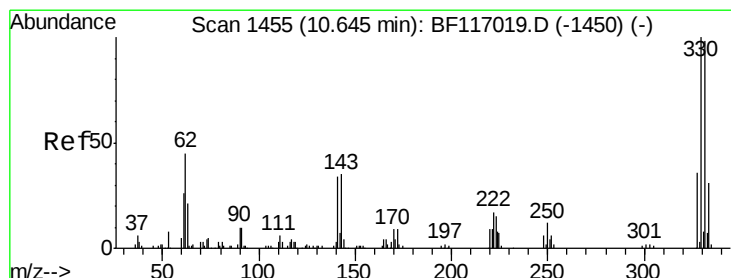
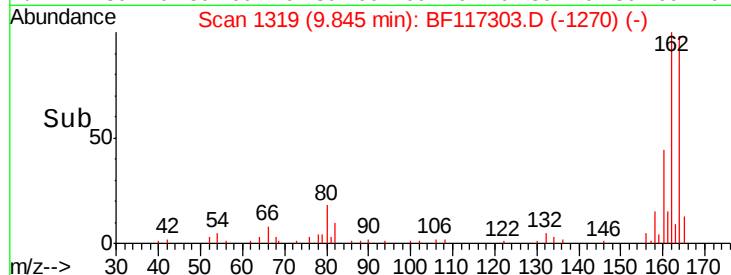
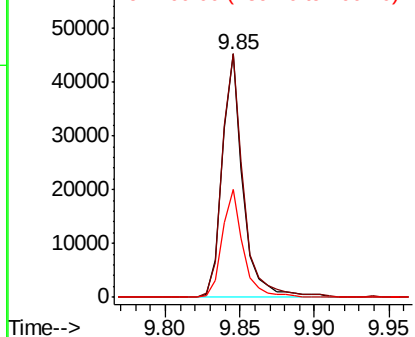
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 44479
Ion Ratio Lower Upper
164 100
162 99.9 83.4 125.2
160 44.2 36.4 54.6

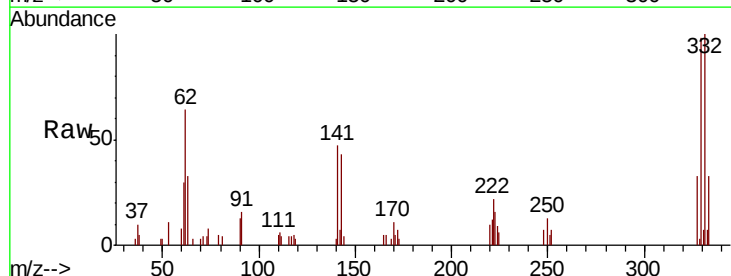


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

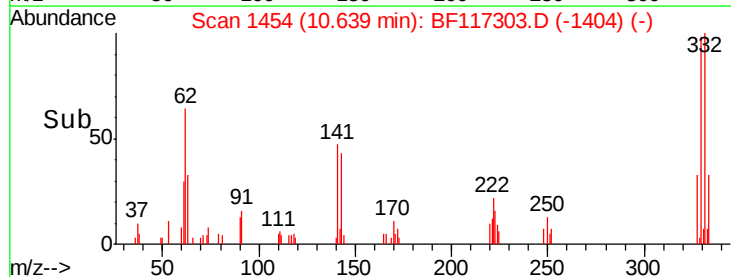
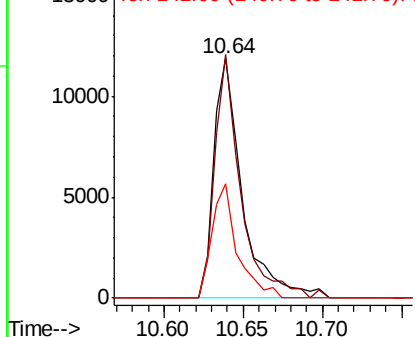


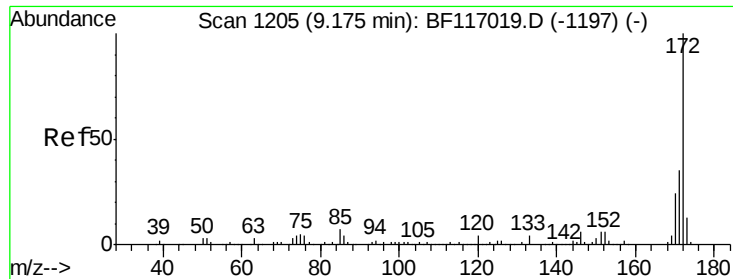
#42
2,4,6-Tribromophenol
Concen: 39.818 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

Tgt Ion:330 Resp: 14802
Ion Ratio Lower Upper
330 100
332 93.1 78.0 117.0
141 42.8 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

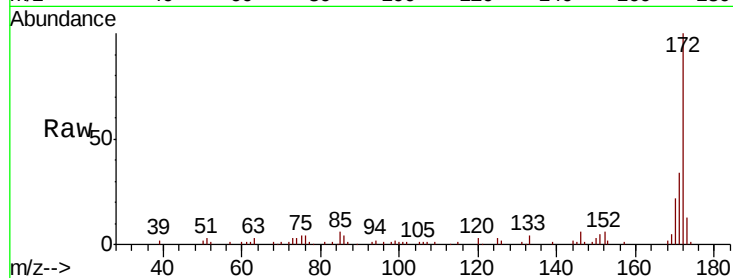




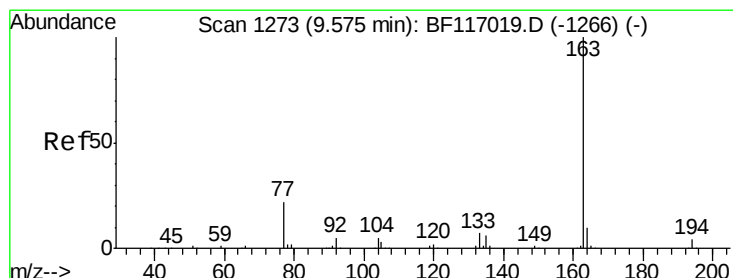
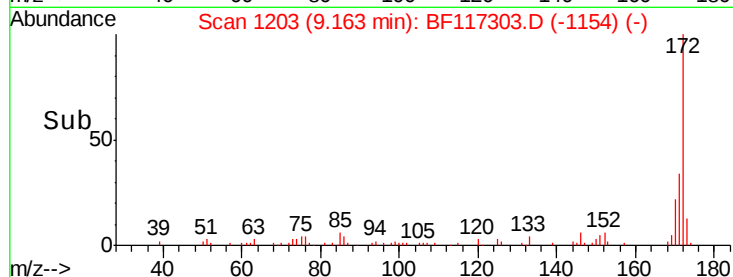
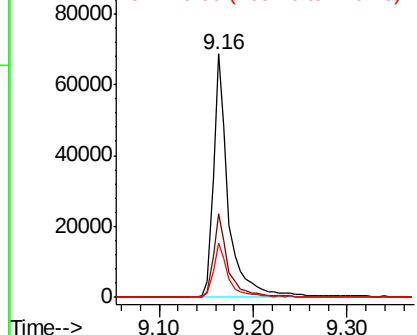
#45
2-Fluorobiphenyl
Concen: 27.296 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 77649
Ion Ratio Lower Upper
172 100
171 34.1 28.2 42.2
170 22.1 18.9 28.3

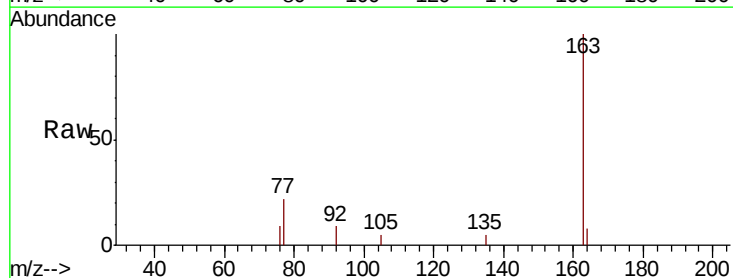


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

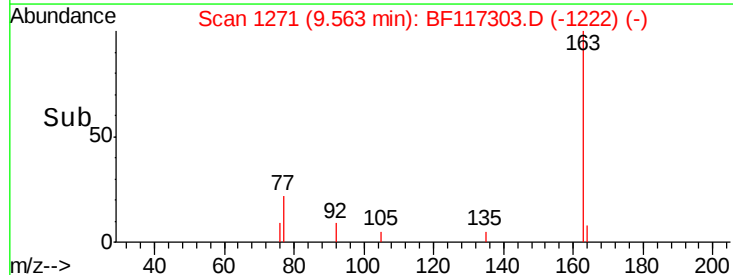
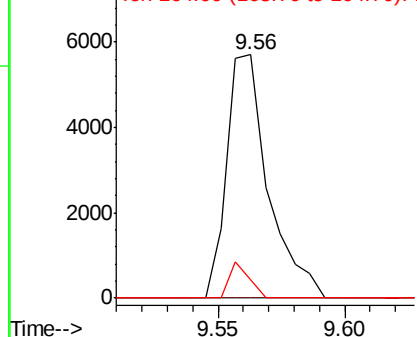


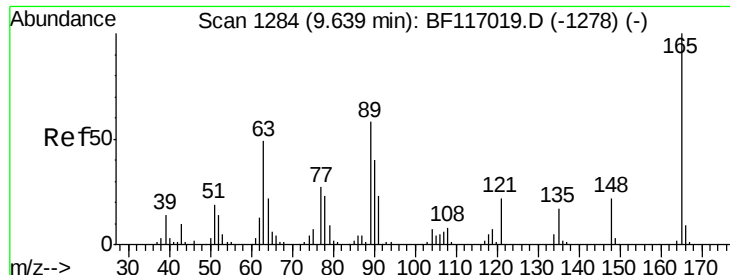
#50
Dimethylphthalate
Concen: 2.070 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

Tgt Ion:163 Resp: 6518
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 7.6 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

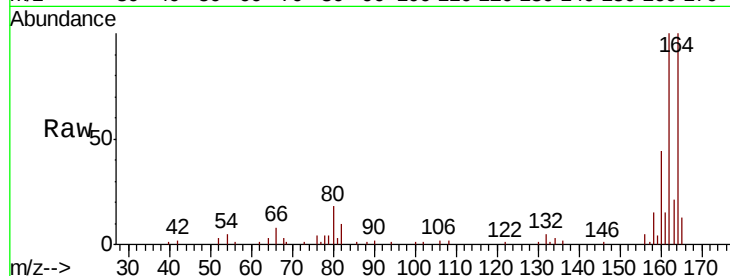




#51
 2,6-Dinitrotoluene
 Concen: 8.738 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF117303.D
 Acq: 2 Oct 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :

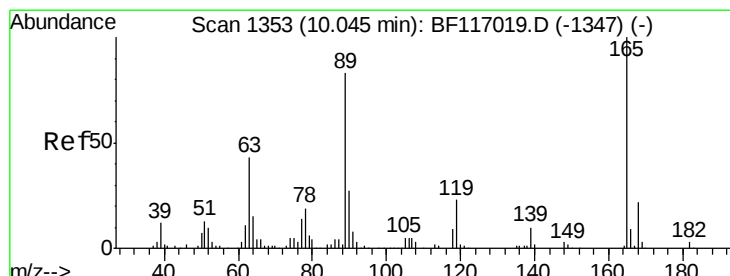
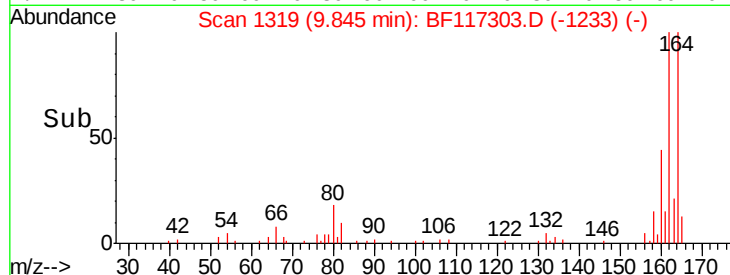
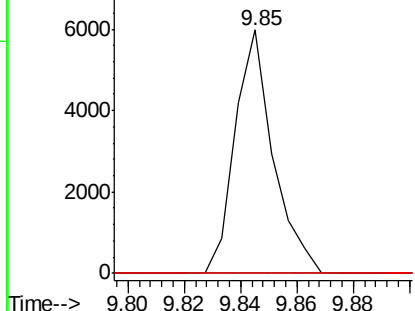
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



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: 6.732 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117303.D
 Acq: 2 Oct 2019 16:53

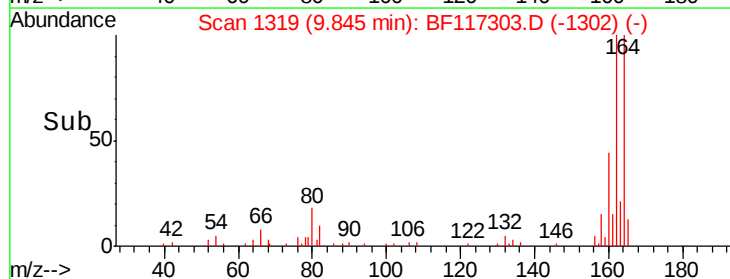
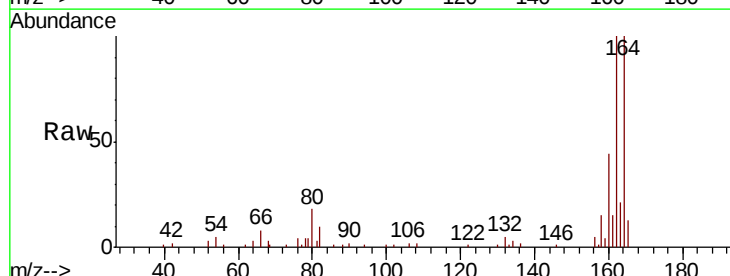
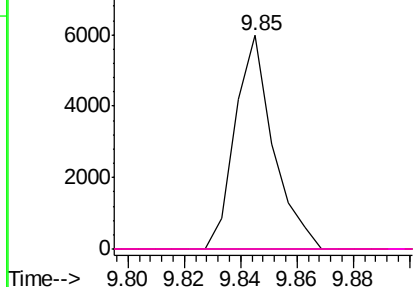
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

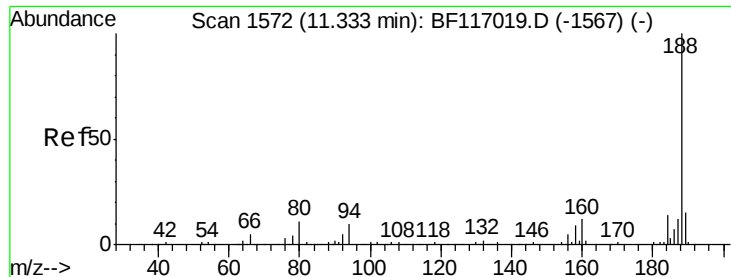
Abundance Ion 165.00 (164.70 to 165.70): E

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

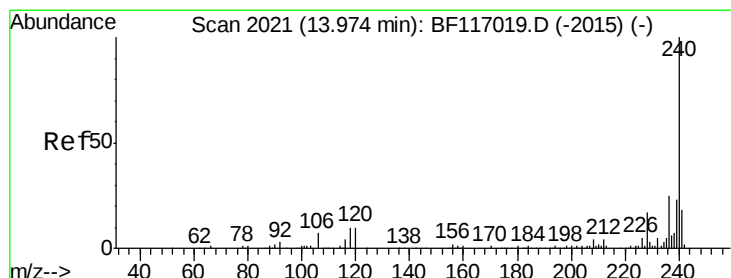
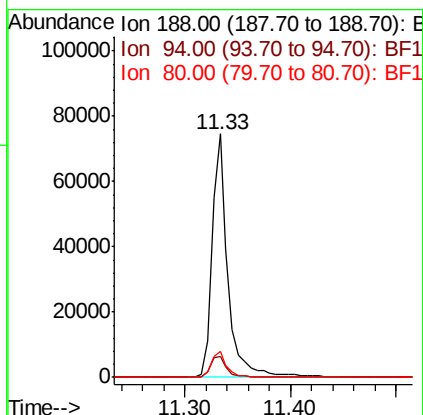
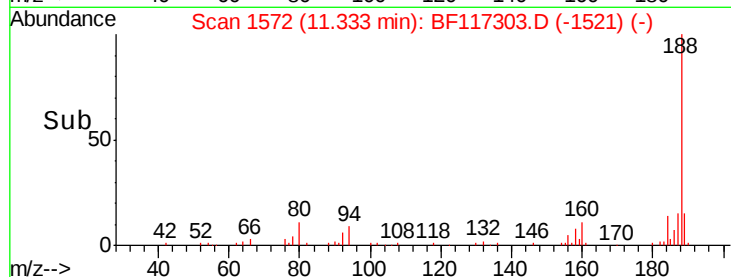
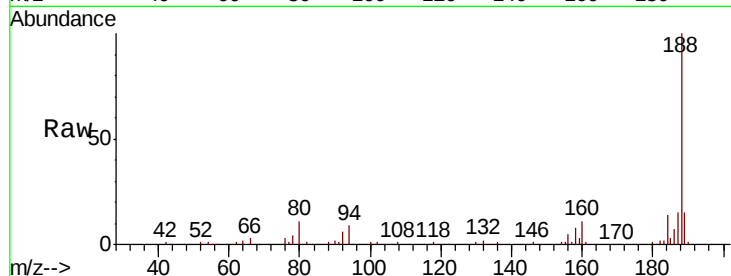




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

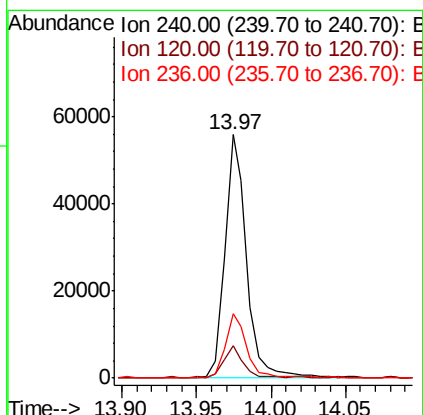
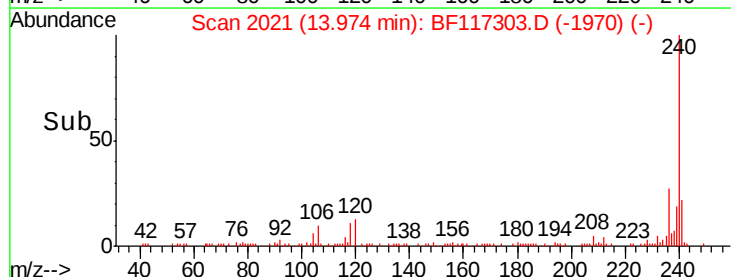
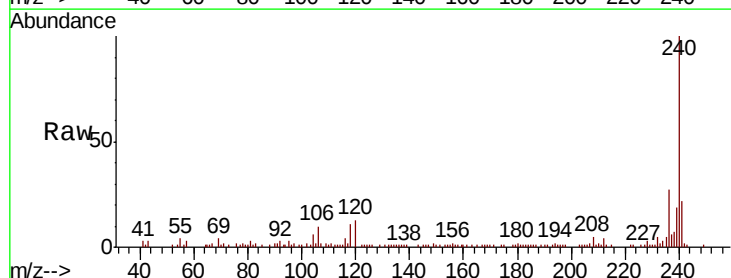
Instrument :
BNA_F
ClientSampleId :

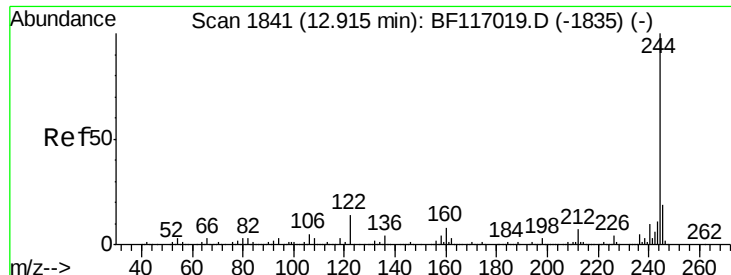
Tot Ion:188 Resp: 78284
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 10.6 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117303.D
Acq: 2 Oct 2019 16:53

Tgt Ion:240 Resp: 57061
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 26.5 20.3 30.5

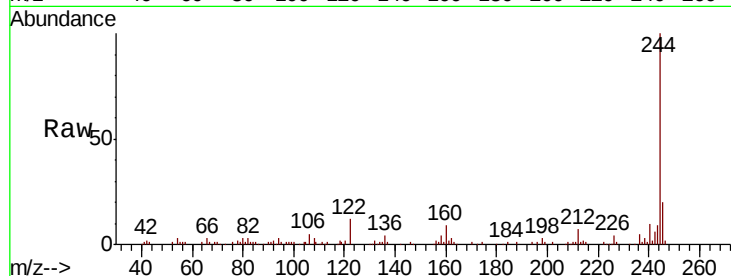




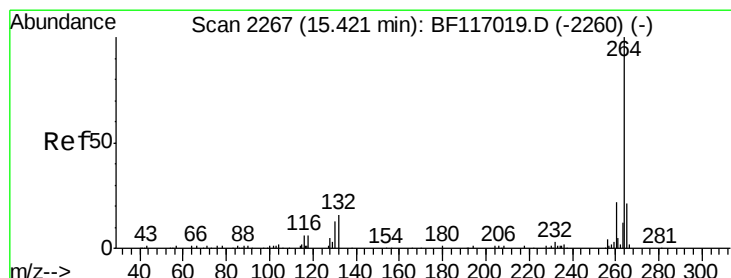
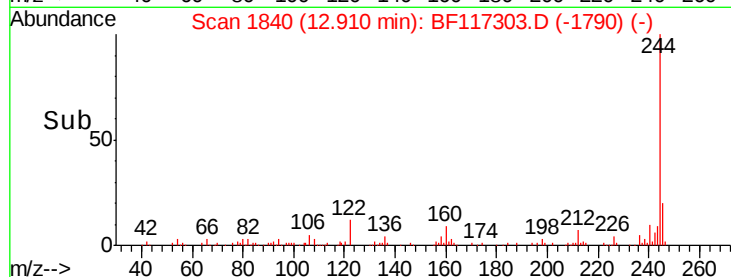
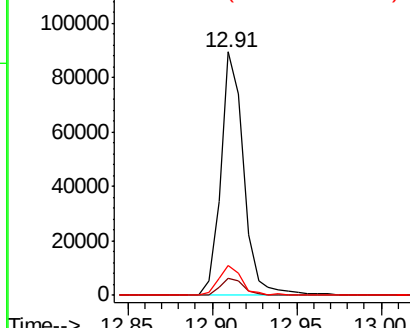
#79
 Terphenyl-d14
 Concen: 27.805 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117303.D
 Acq: 2 Oct 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 84879
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.3 11.3 16.9

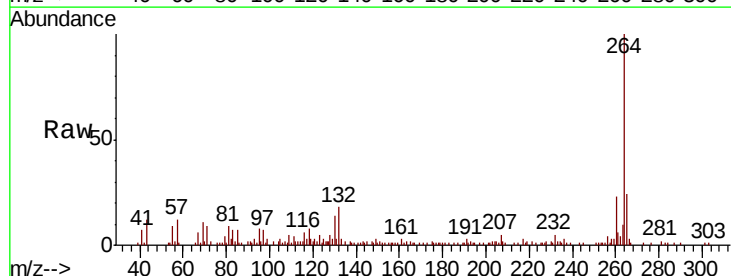


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117303.D
 Acq: 2 Oct 2019 16:53

Tgt Ion:264 Resp: 46509
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.6 26.4
 265 24.2 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

