

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117342.D
 Acq On : 8 Oct 2019 16:05
 Operator : JU
 Sample : K5239-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:29:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

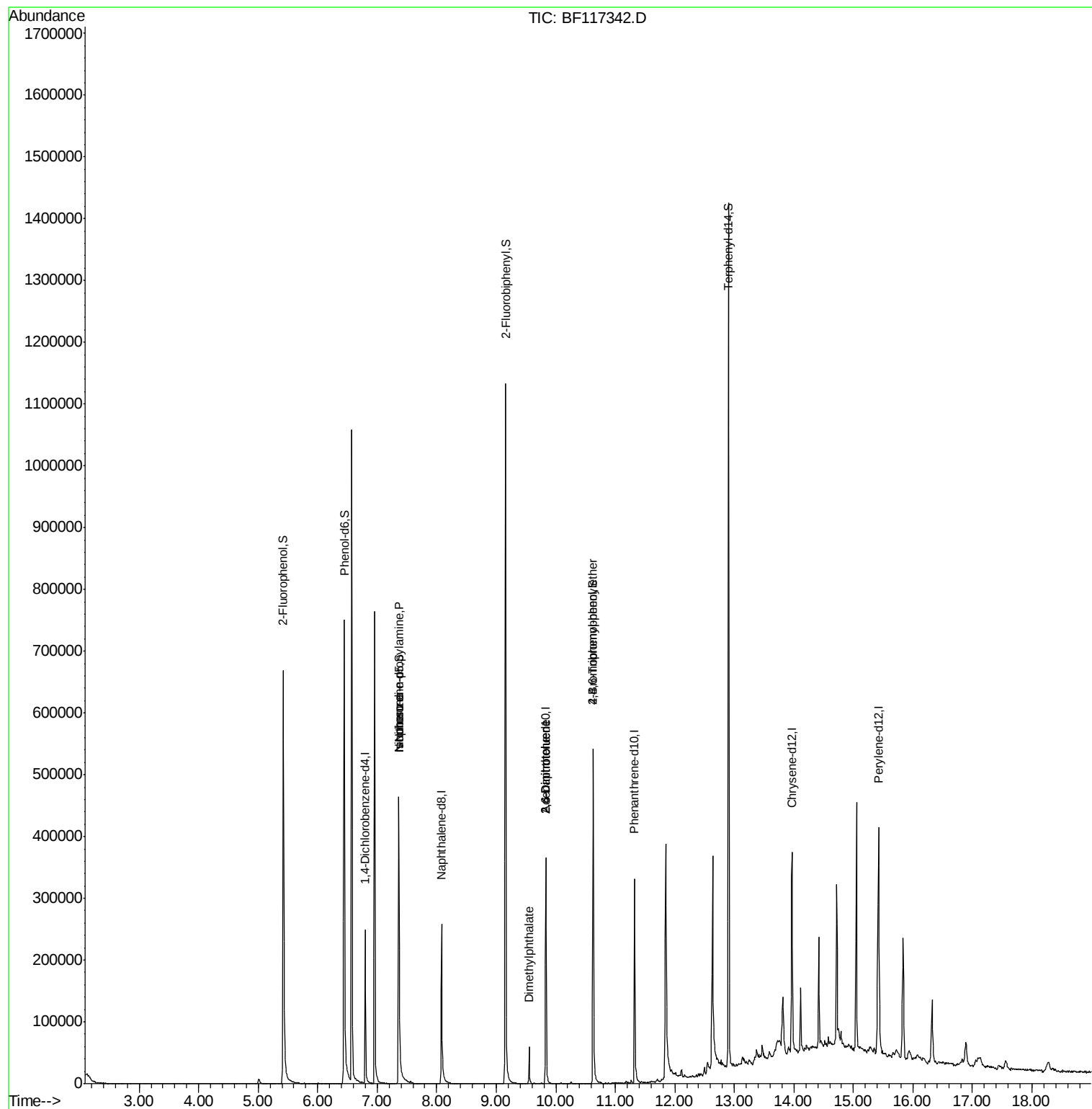
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	39790	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	161435	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	83426	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	144609	20.00	ng	0.00
76) Chrysene-d12	13.97	240	123902	20.00	ng	0.00
87) Perylene-d12	15.43	264	122463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	247696	97.19	ng	0.00
7) Phenol-d6	6.45	99	344723	104.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	216150	70.35	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	67868	97.34	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	411885	77.20	ng	0.00
79) Terphenyl-d14	12.90	244	454691	68.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	326	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	27708	13.815 ng	#	79
25) Isophorone	7.36	82	216149	39.733 ng	#	66
50) Dimethylphthalate	9.55	163	27701	4.690 ng		98
51) 2,6-Dinitrotoluene	9.83	165	10622	8.829 ng	#	24
57) 2,4-Dinitrotoluene	9.83	165	10622	6.802 ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	4194	2.840 ng	#	1

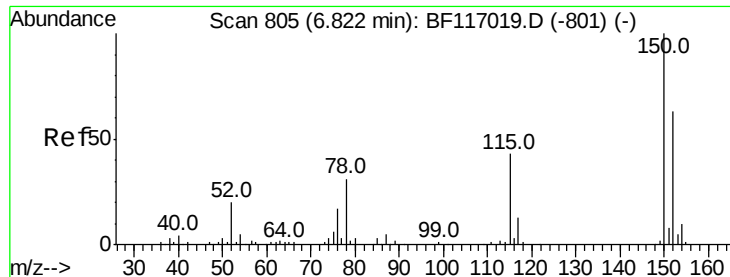
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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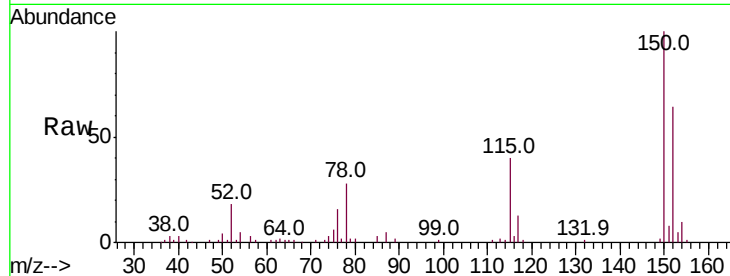


#1

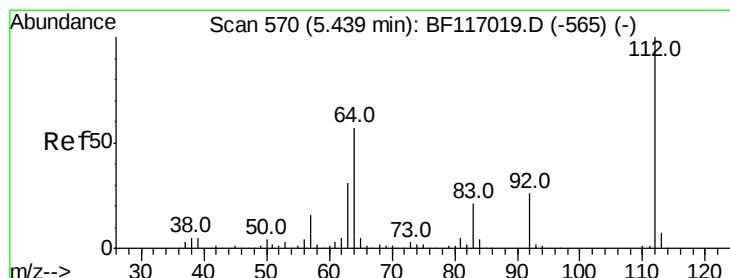
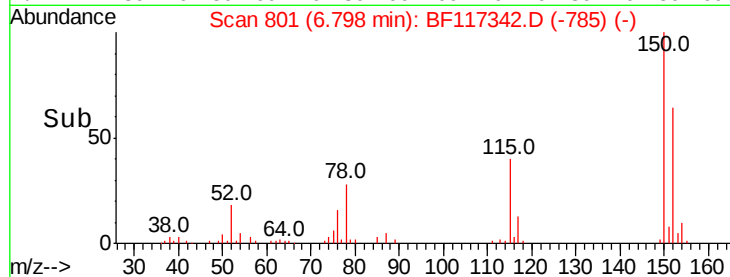
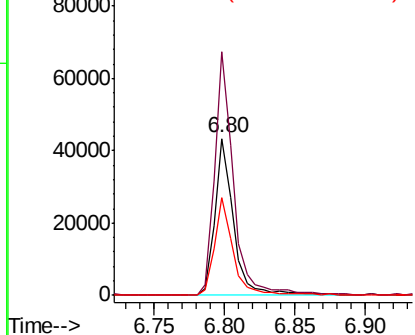
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 39790
Ion Ratio Lower Upper
152 100
150 155.3 127.5 191.3
115 61.9 55.0 82.4



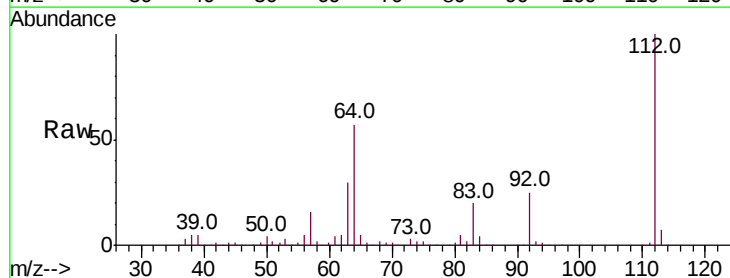
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



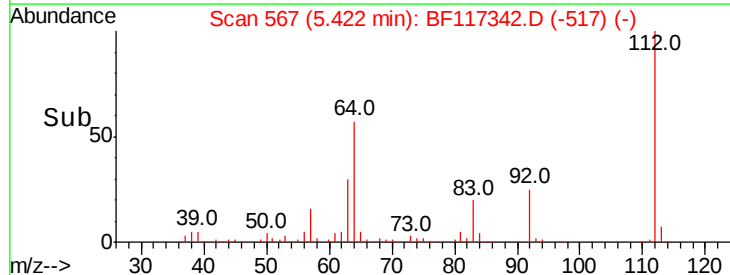
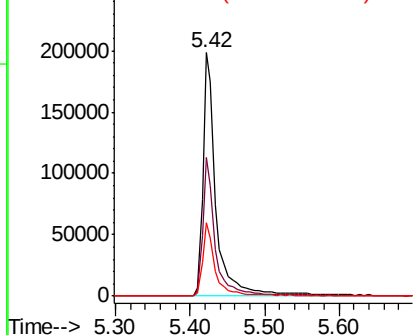
#5

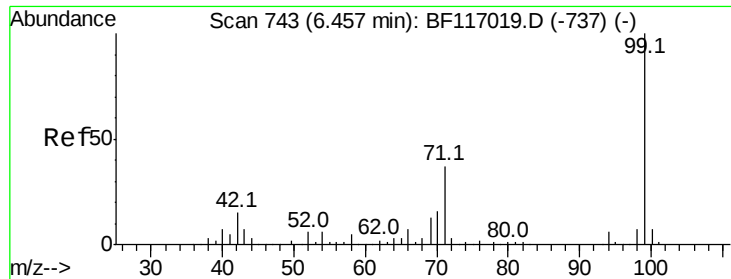
2-Fluorophenol
Concen: 97.189 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:112 Resp: 247696
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 30.3 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: 104.661 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117342.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_F

ClientSampleId :

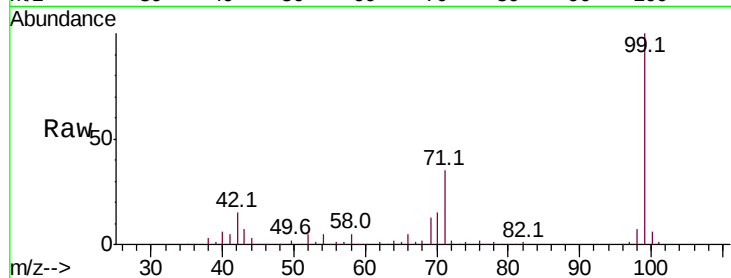
Tot Ion: 99 Resp: 344723

Ion Ratio Lower Upper

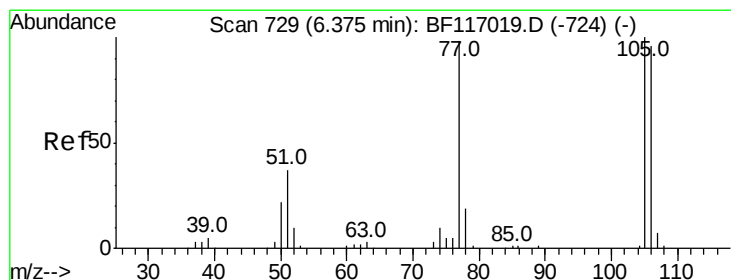
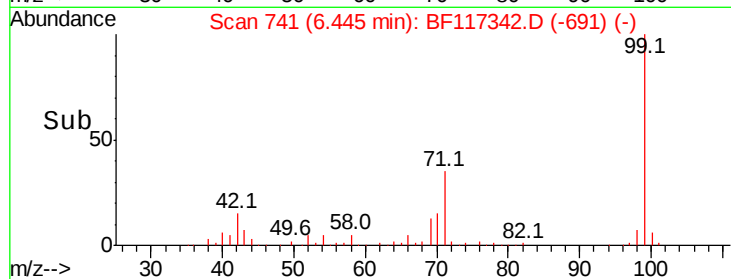
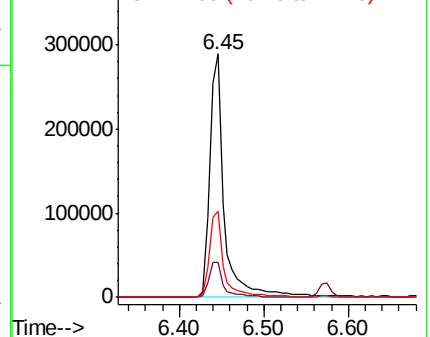
99 100

42 14.6 12.2 18.2

71 35.5 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: 6.45 min Scan# 741

Delta R.T. 0.09 min

Lab File: BF117342.D

Acq: 8 Oct 2019 16:05

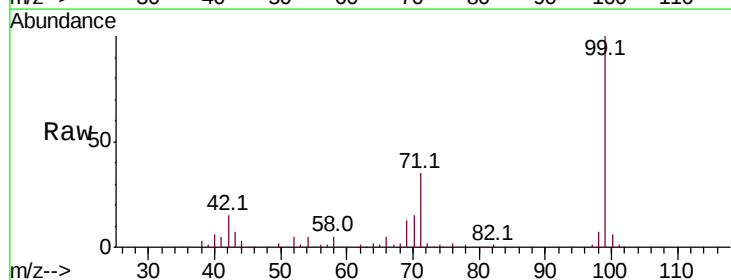
Tgt Ion: 77 Resp: 326

Ion Ratio Lower Upper

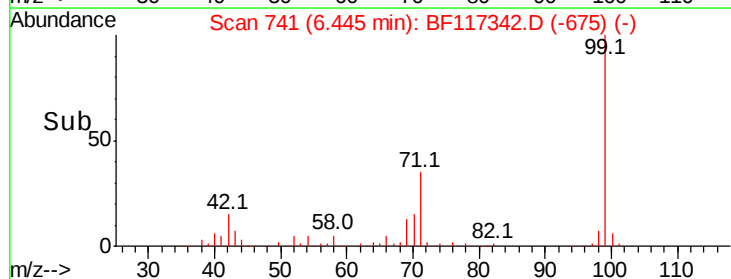
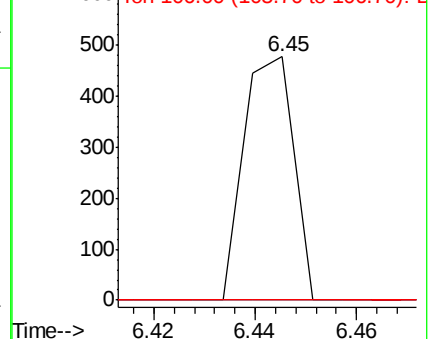
77 100

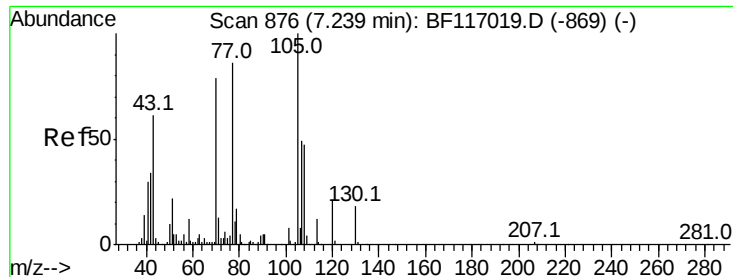
105 0.0 81.8 121.8#

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

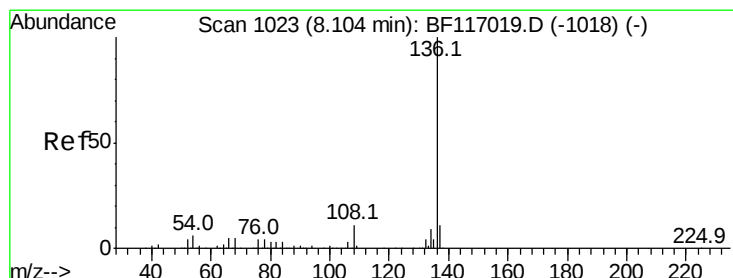
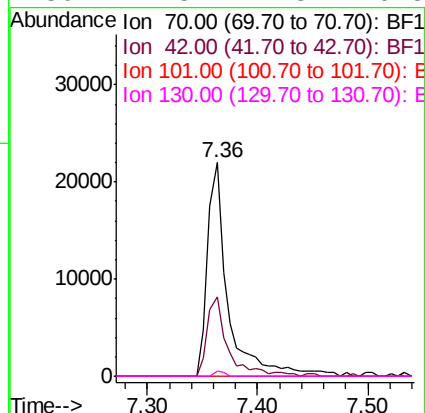
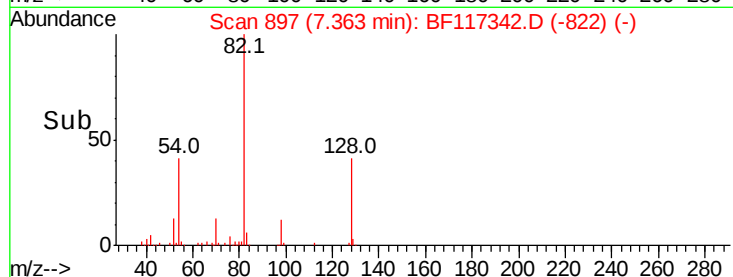
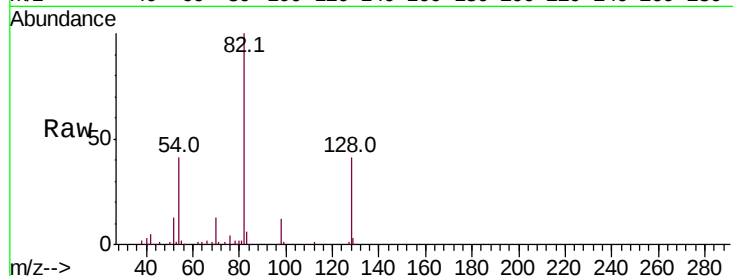




#19
n-Nitroso-di-n-propylamine
Concen: 13.815 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

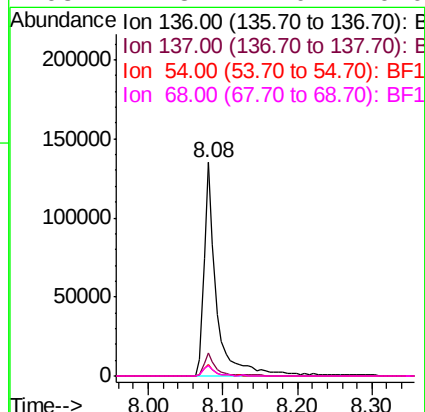
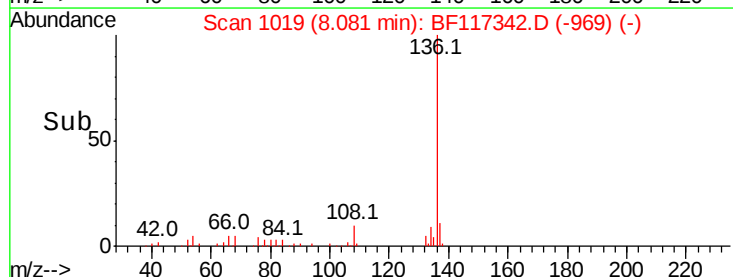
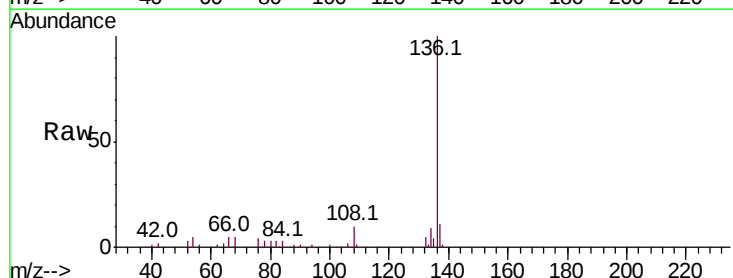
Instrument :
BNA_F
ClientSampleId :

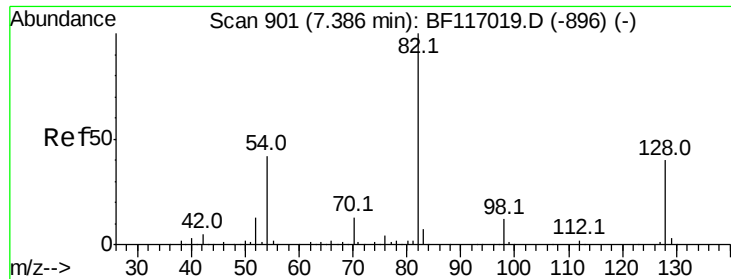
Tot Ion: 70 Resp: 27708
Ion Ratio Lower Upper
70 100
42 37.1 34.0 51.0
101 0.0 7.8 11.6#
130 2.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion: 136 Resp: 161435
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 5.4 4.5 6.7
68 4.8 4.0 6.0

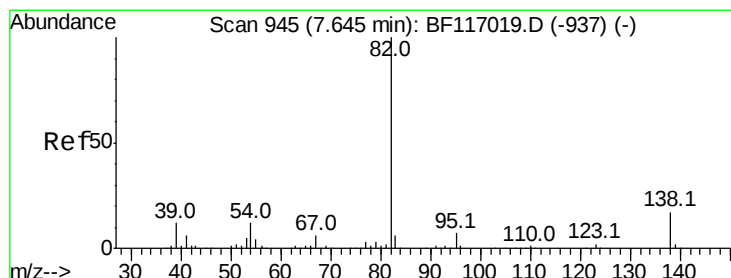
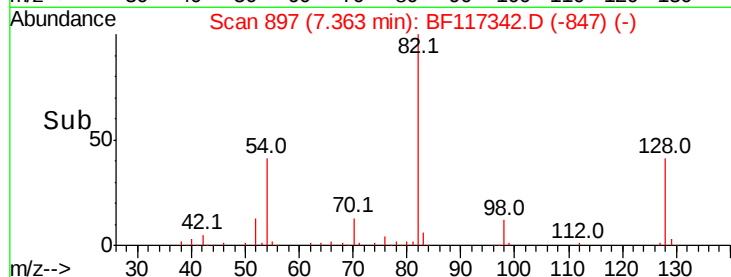
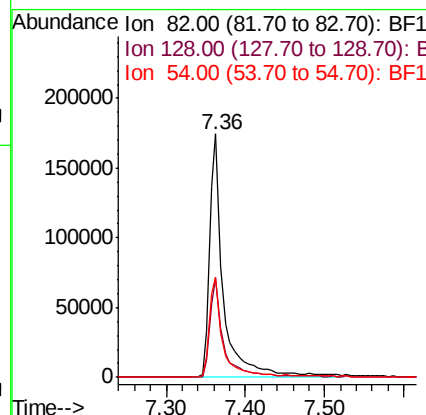
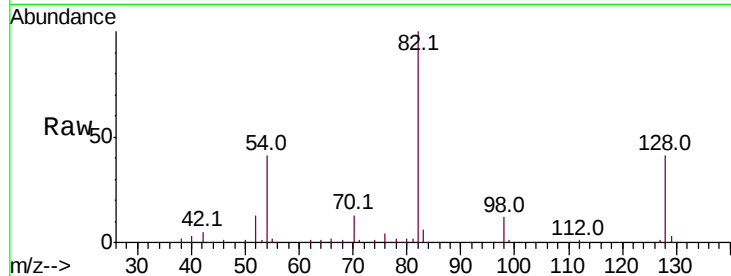




#23
 Nitrobenzene-d5
 Concen: 70.351 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF117342.D
 Acq: 8 Oct 2019 16:05

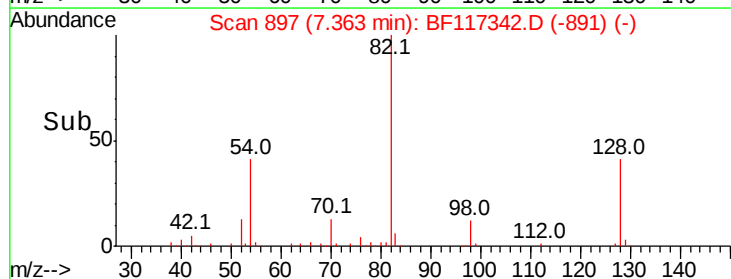
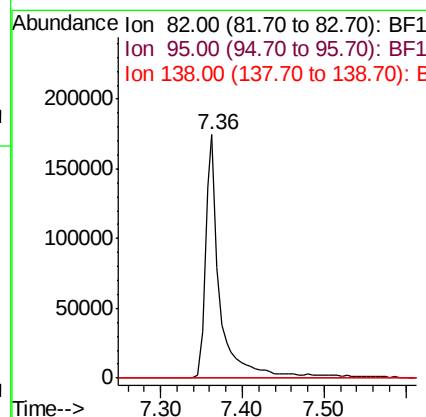
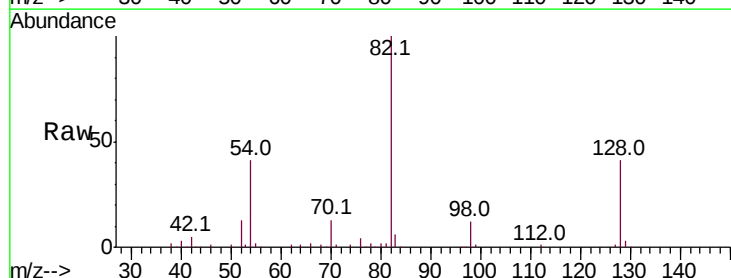
Instrument :
 BNA_F
 ClientSampled :

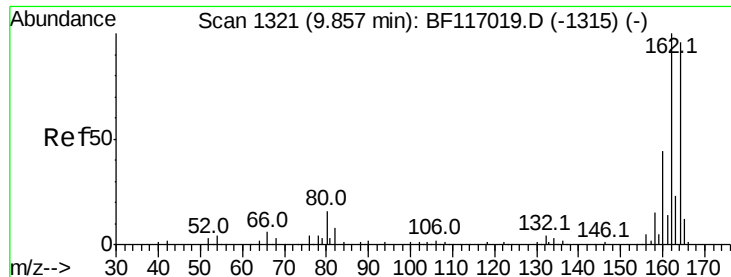
Tot Ion	82	Resp	216150
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.3	48.5
54	41.1	33.3	49.9



#25
 Isophorone
 Concen: 39.733 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF117342.D
 Acq: 8 Oct 2019 16:05

Tgt Ion	82	Resp	216149
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

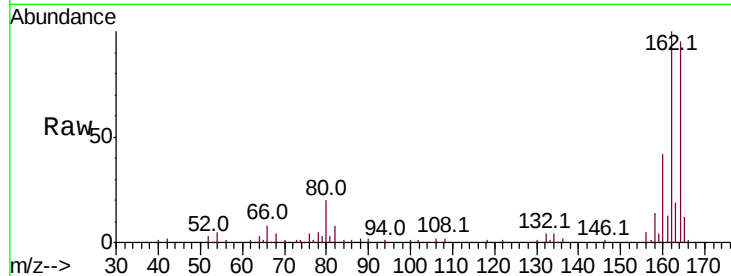




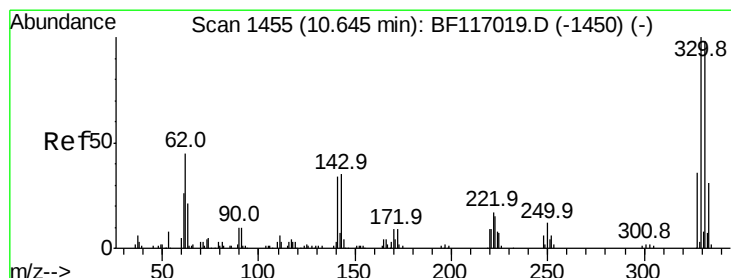
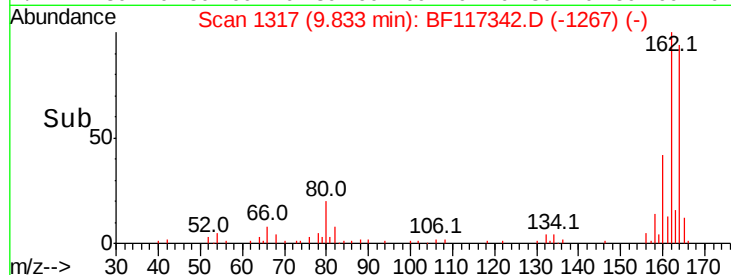
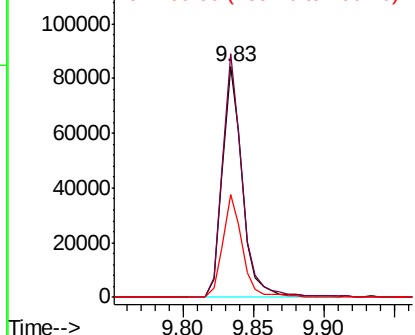
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 83426
Ion Ratio Lower Upper
164 100
162 105.5 83.4 125.2
160 44.5 36.4 54.6

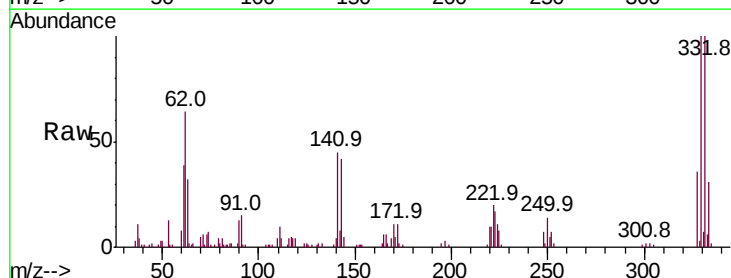


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

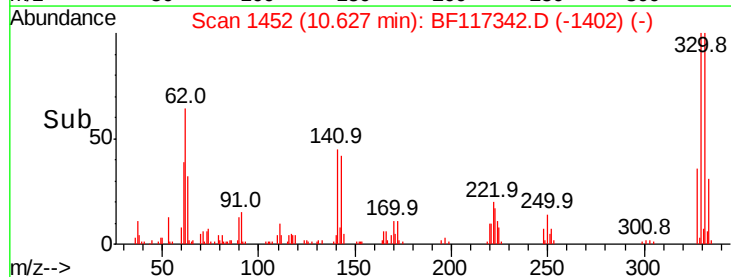
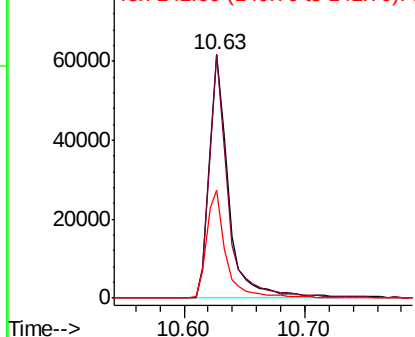


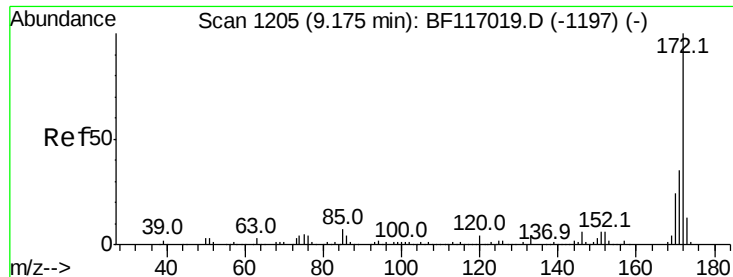
#42
2,4,6-Tribromophenol
Concen: 97.337 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:330 Resp: 67868
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 44.7 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

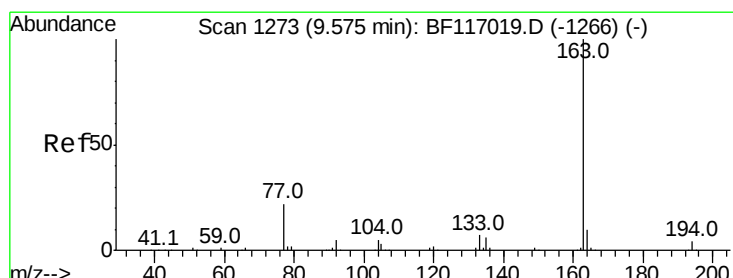
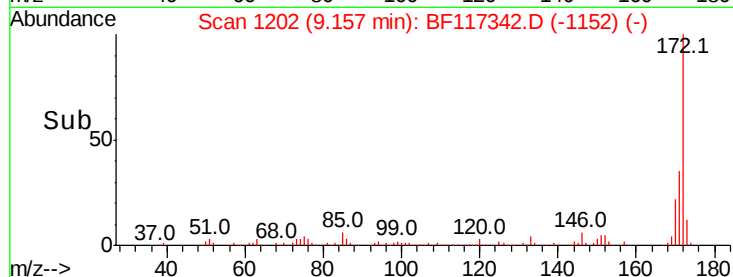
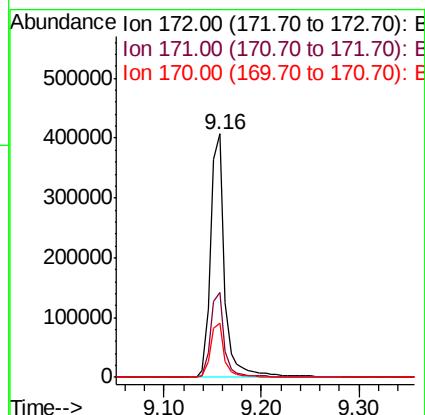
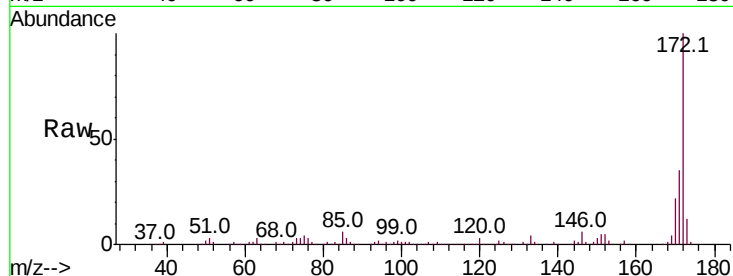




#45
2-Fluorobiphenyl
Concen: 77.196 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

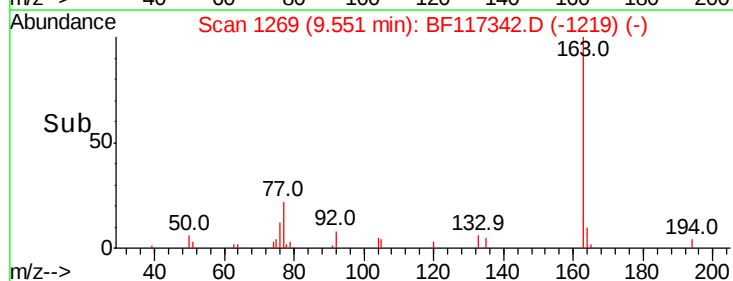
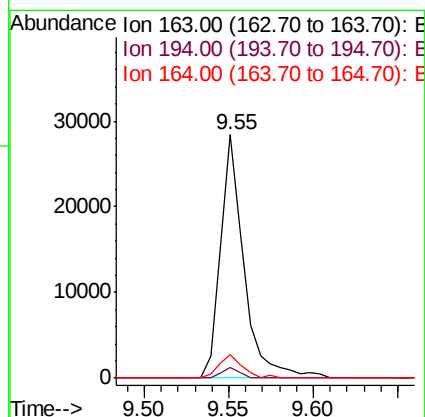
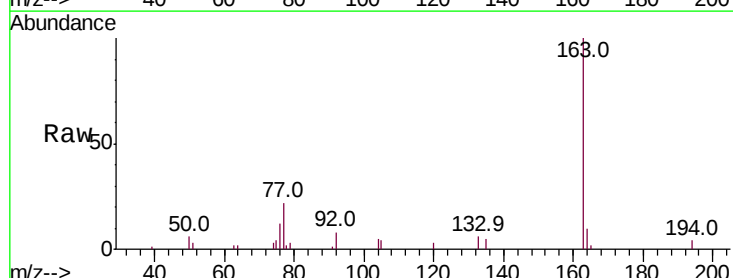
Instrument :
BNA_F
ClientSampled :

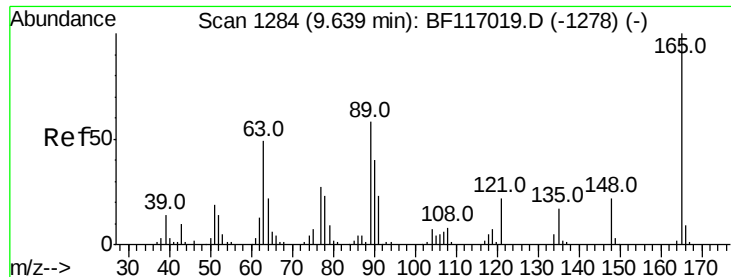
Tot Ion:172 Resp: 411885
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 22.1 18.9 28.3



#50
Dimethylphthalate
Concen: 4.690 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF117342.D
Acq: 8 Oct 2019 16:05

Tgt Ion:163 Resp: 27701
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 9.6 8.2 12.4

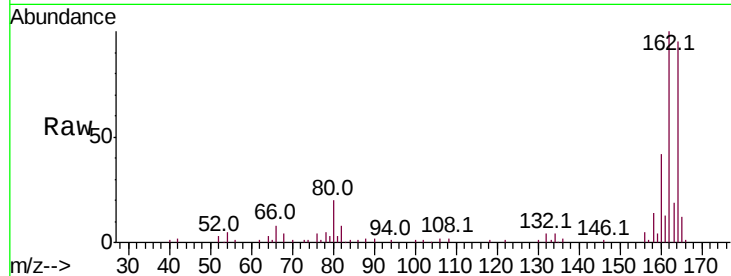




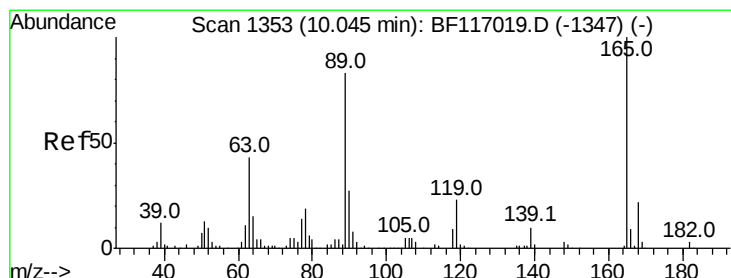
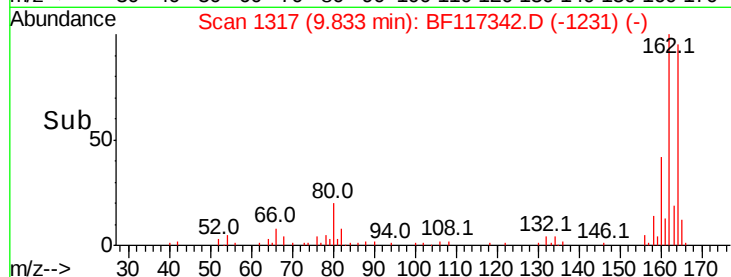
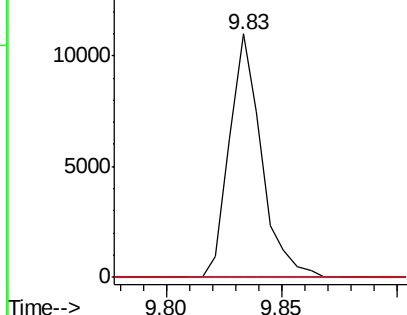
#51
 2,6-Dinitrotoluene
 Concen: 8.829 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF117342.D
 Acq: 8 Oct 2019 16:05

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#



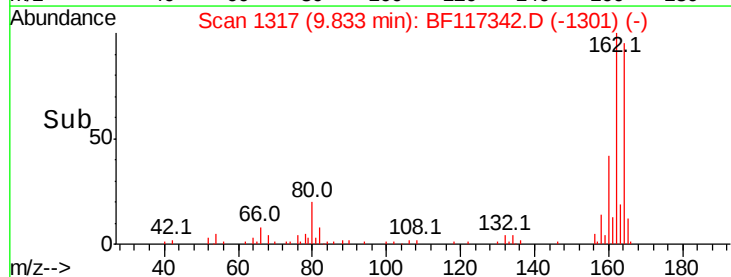
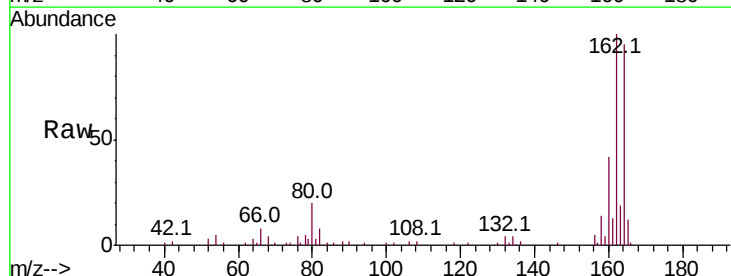
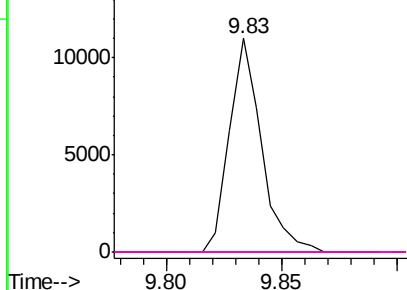
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

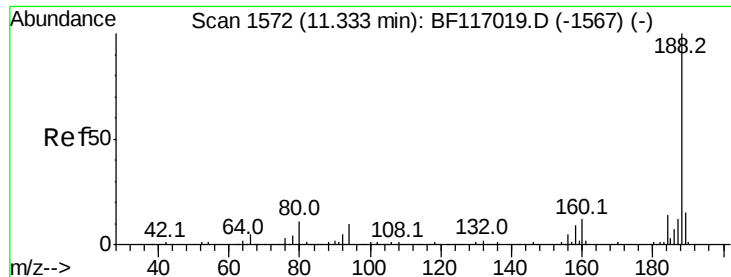


#57
 2,4-Dinitrotoluene
 Concen: 6.802 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF117342.D
 Acq: 8 Oct 2019 16:05

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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF117342.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_F

ClientSampleId :

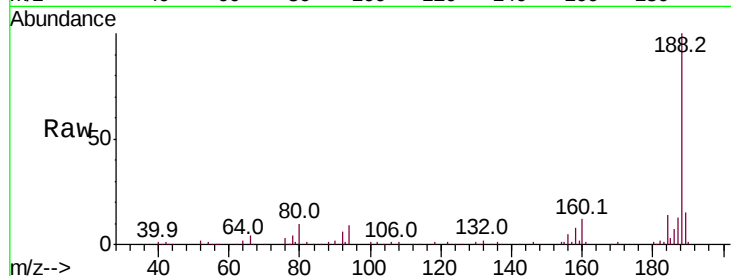
Tot Ion:188 Resp: 144609

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

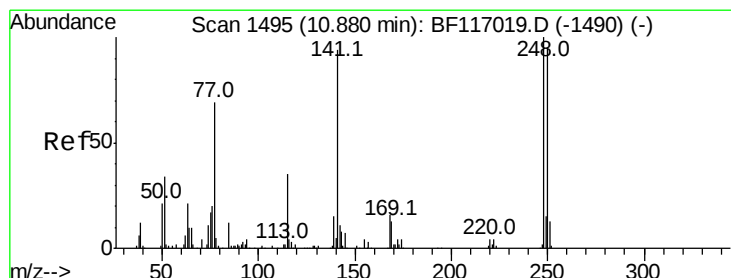
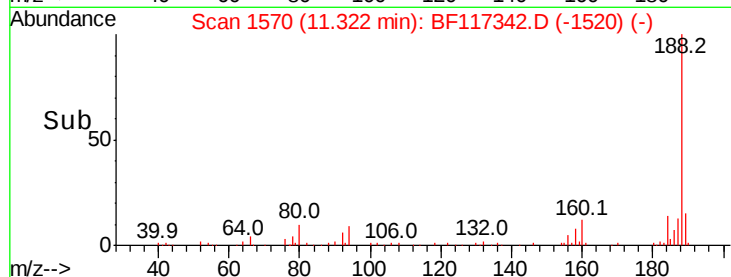
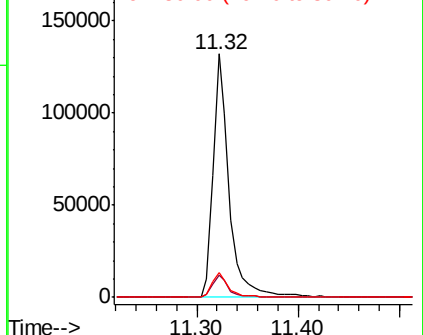
80 10.0 9.0 13.6



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: 2.840 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF117342.D

Acq: 8 Oct 2019 16:05

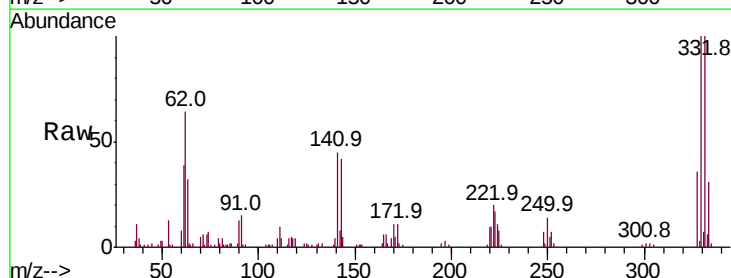
Tgt Ion:248 Resp: 4194

Ion Ratio Lower Upper

248 100

250 195.5 76.2 114.4#

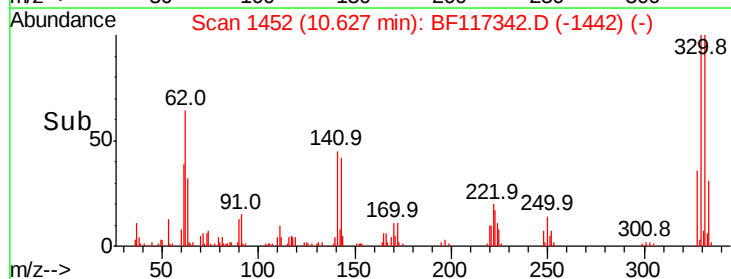
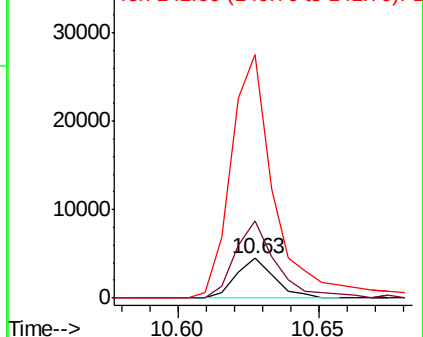
141 615.0 75.0 112.4#

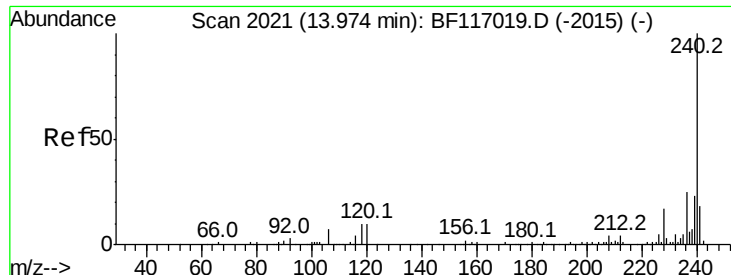


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

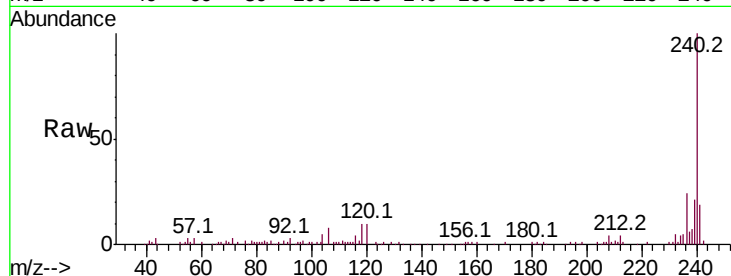




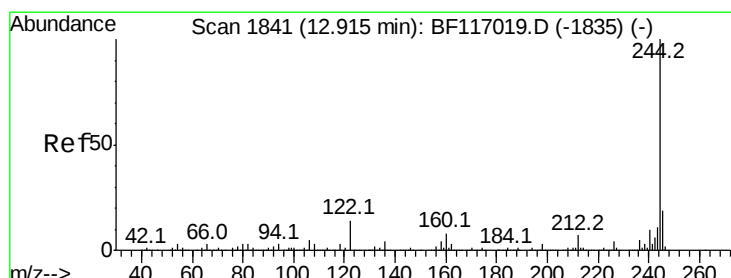
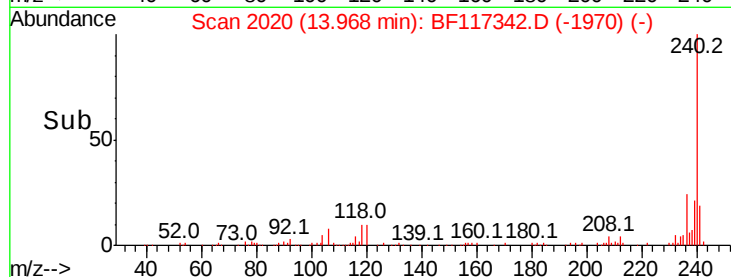
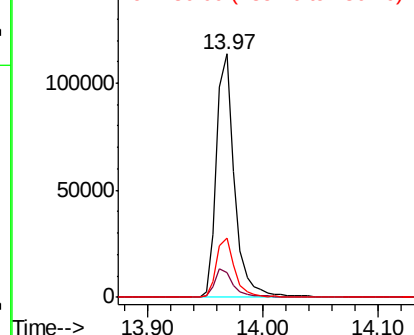
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117342.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 123902
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 24.2 20.3 30.5

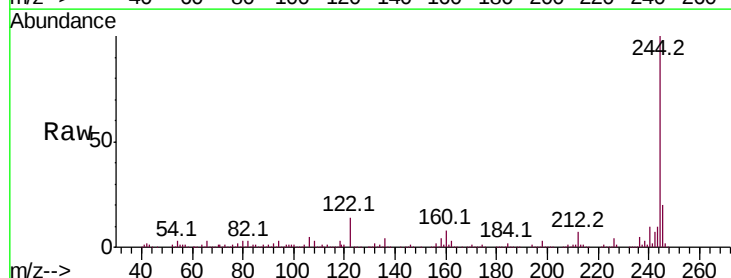


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

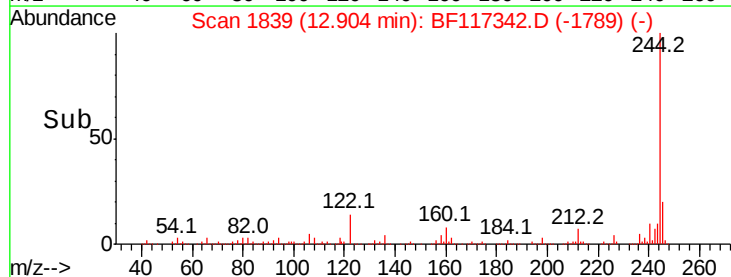
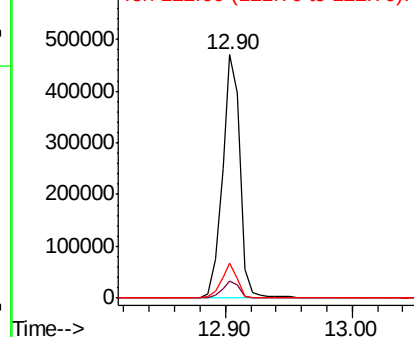


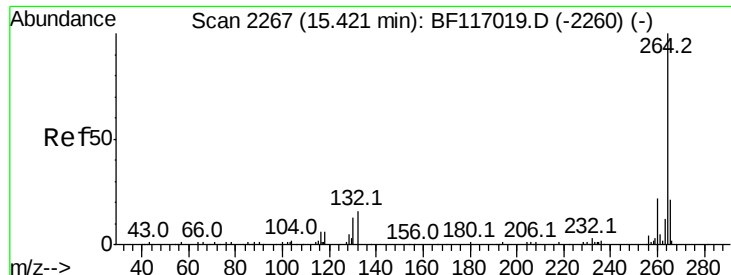
#79
 Terphenyl-d14
 Concen: 68.596 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF117342.D
 Acq: 8 Oct 2019 16:05

Tgt Ion:244 Resp: 454691
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 14.4 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

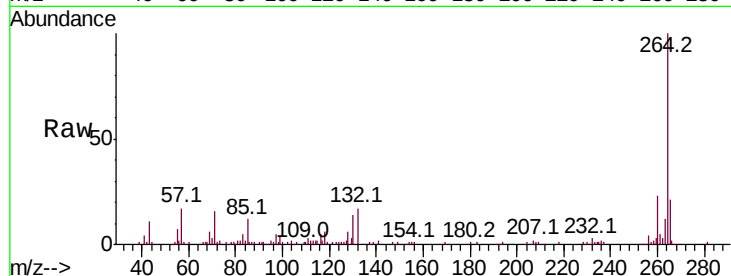




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF117342.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.6	26.4
265	21.0	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

