

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117122.D
 Acq On : 17 Sep 2019 22:11
 Operator : HP/JU
 Sample : K4924-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:54:18 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

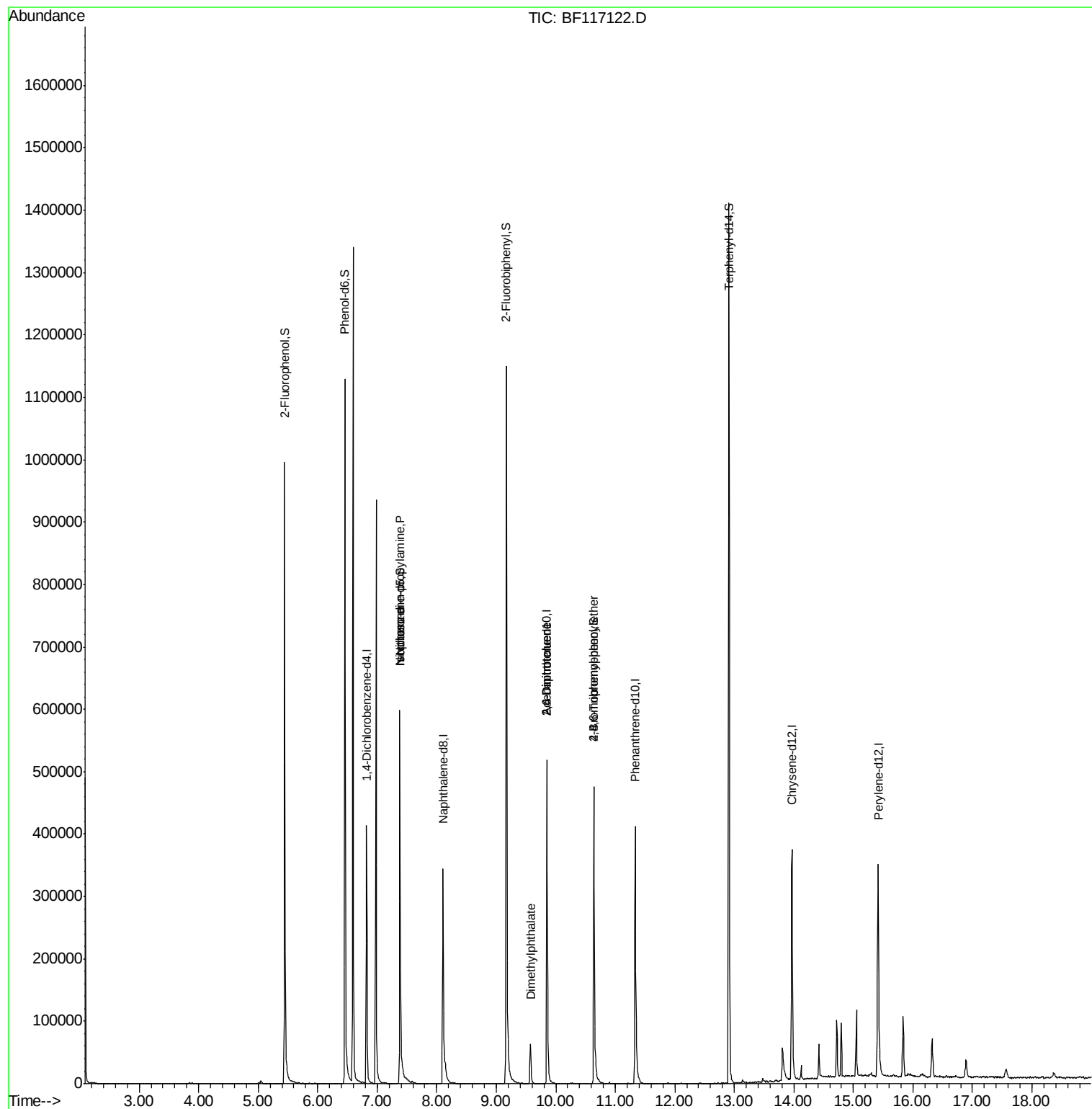
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63394	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	256601	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	134526	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	225927	20.00	ng	0.00
76) Chrysene-d12	13.97	240	168212	20.00	ng	0.00
87) Perylene-d12	15.42	264	146122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	306923	75.59	ng	0.00
7) Phenol-d6	6.46	99	432325	82.39	ng	0.00
23) Nitrobenzene-d5	7.38	82	276822	56.68	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	73613	65.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	486018	56.49	ng	0.00
79) Terphenyl-d14	12.91	244	478500	53.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	485	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.38	70	36404	11.393	ng	# 79
25) Isophorone	7.38	82	276821	32.014	ng	# 66
50) Dimethylphthalate	9.57	163	45211	4.747	ng	# 99
51) 2,6-Dinitrotoluene	9.85	165	16987	8.756	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	16987	6.746	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	4748	2.058	ng	# 1

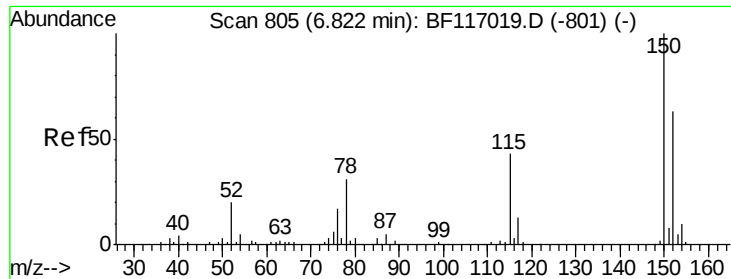
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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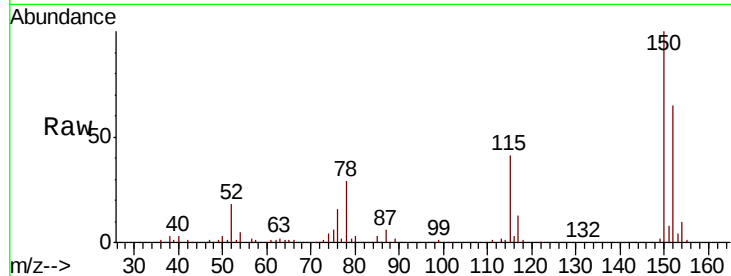


#1

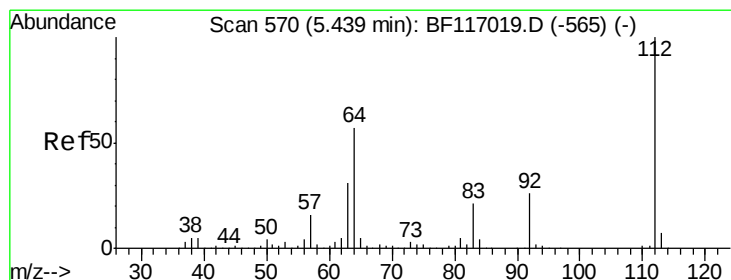
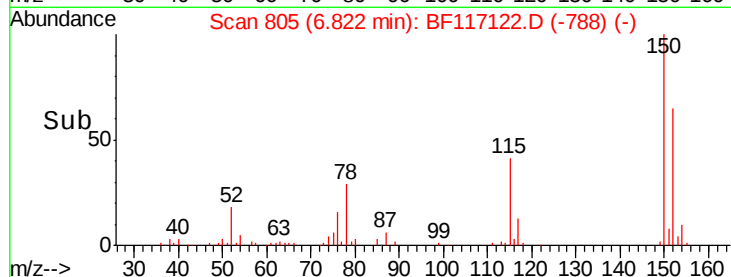
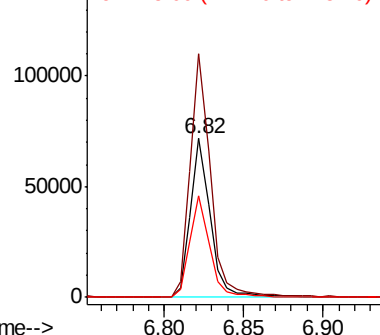
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117122.D
Acq: 17 Sep 2019 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63394
Ion Ratio Lower Upper
152 100
150 153.1 127.5 191.3
115 63.5 55.0 82.4



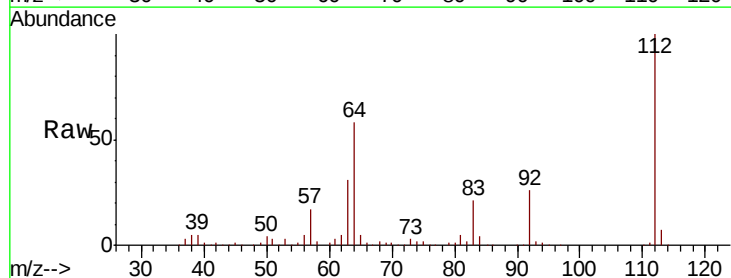
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



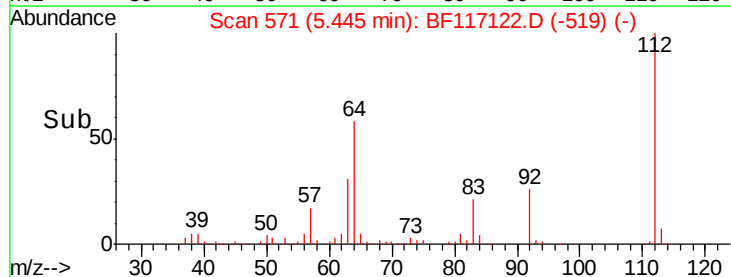
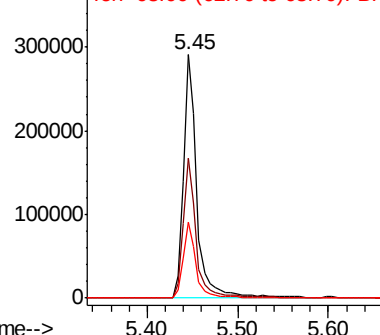
#5

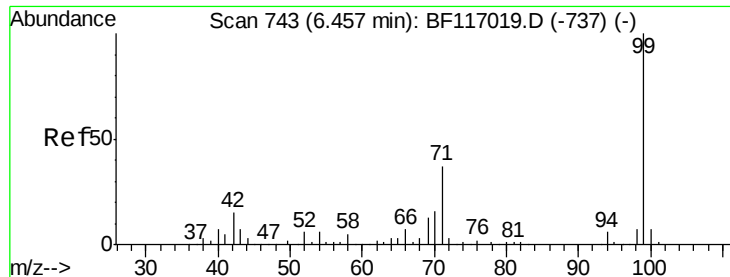
2-Fluorophenol
Concen: 75.588 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117122.D
Acq: 17 Sep 2019 22:11

Tgt Ion:112 Resp: 306923
Ion Ratio Lower Upper
112 100
64 57.6 45.7 68.5
63 31.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
400000 Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.385 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117122.D

Acq: 17 Sep 2019 22:11

Instrument :

BNA_F

ClientSampled :

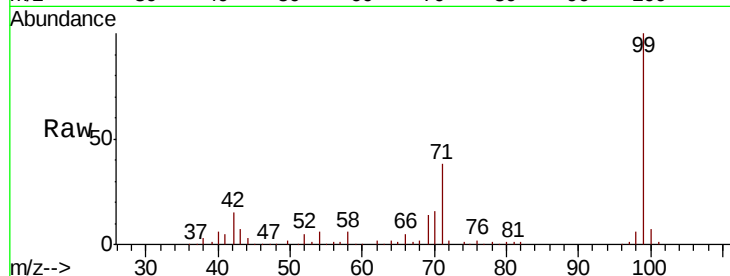
Tot Ion: 99 Resp: 432325

Ion Ratio Lower Upper

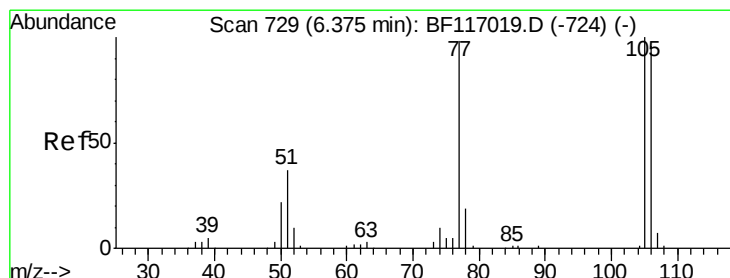
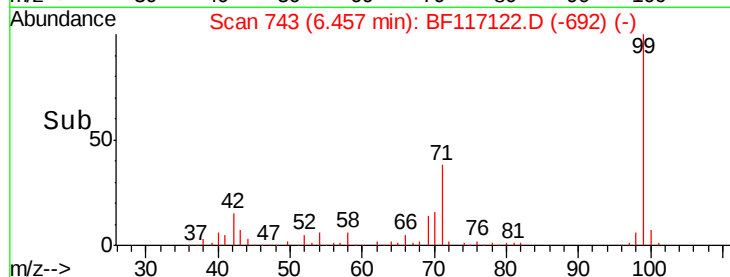
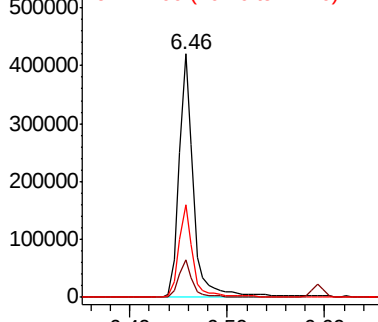
99 100

42 15.4 12.2 18.2

71 38.1 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# 744

Delta R.T. 0.09 min

Lab File: BF117122.D

Acq: 17 Sep 2019 22:11

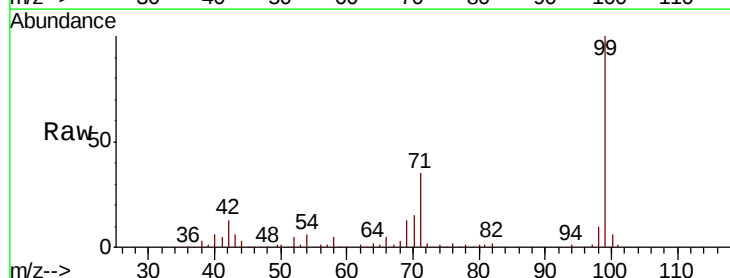
Tgt Ion: 77 Resp: 485

Ion Ratio Lower Upper

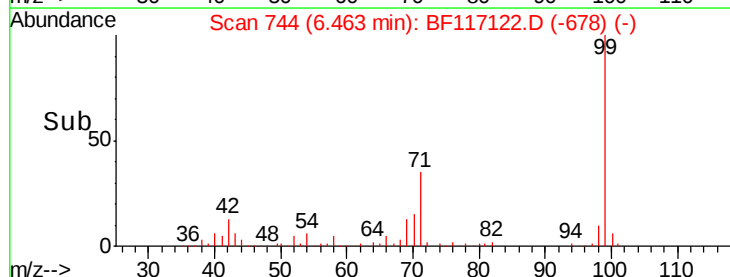
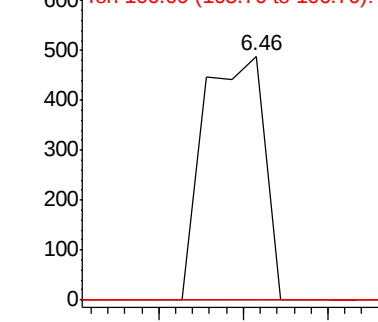
77 100

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

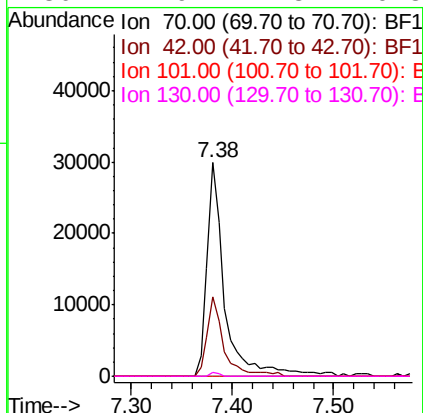
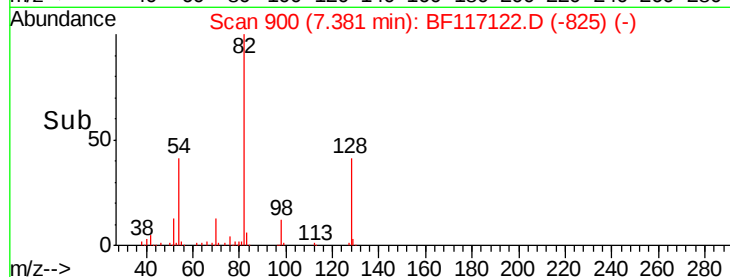
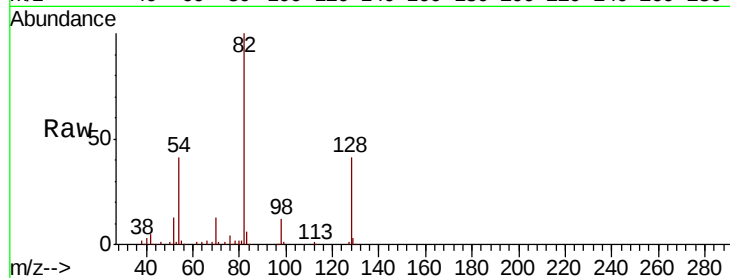




#19
n-Nitroso-di-n-propylamine
Concen: 11.393 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117122.D
Acq: 17 Sep 2019 22:11

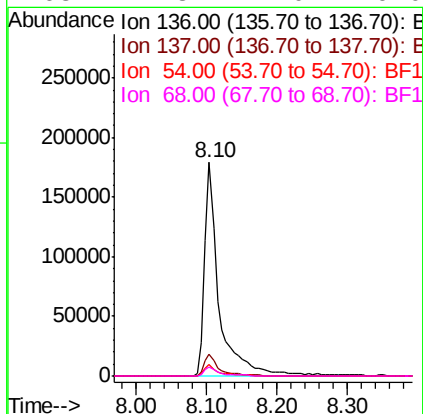
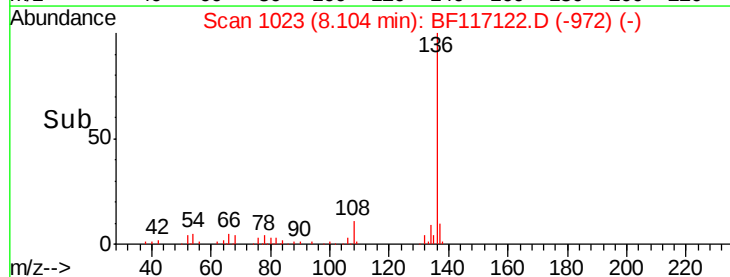
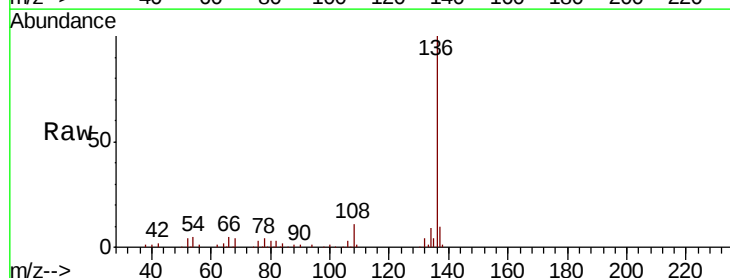
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 36404
Ion Ratio Lower Upper
70 100
42 36.9 34.0 51.0
101 0.0 7.8 11.6#
130 1.9 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: BF117122.D
Acq: 17 Sep 2019 22:11

Tgt Ion: 136 Resp: 256601
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 5.1 4.5 6.7
68 4.3 4.0 6.0

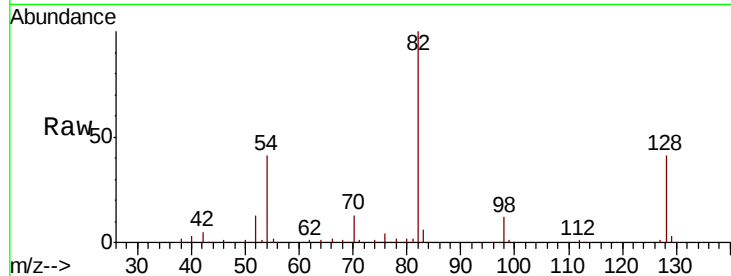




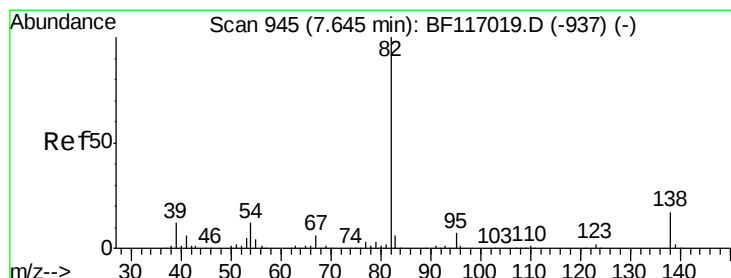
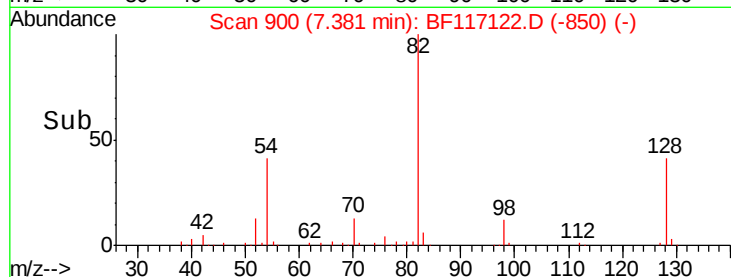
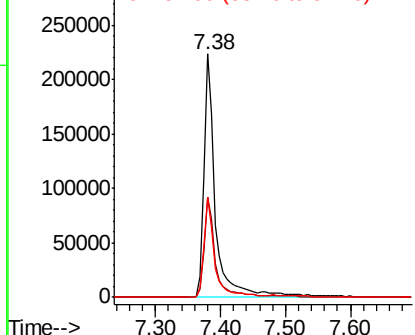
#23
 Nitrobenzene-d5
 Concen: 56.683 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117122.D
 Acq: 17 Sep 2019 22:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	276822
Ion Ratio	100	Lower	Upper
128	41.1	32.3	48.5
54	41.3	33.3	49.9

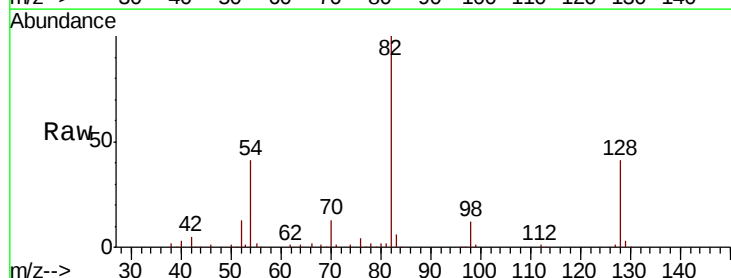


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

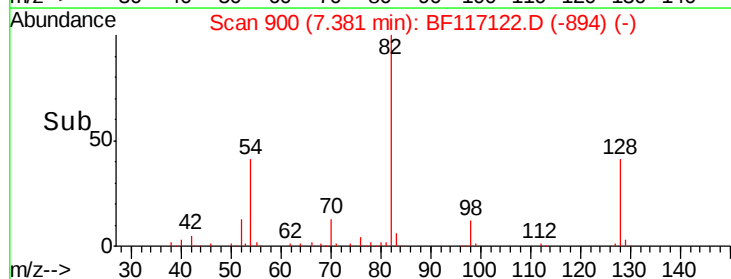
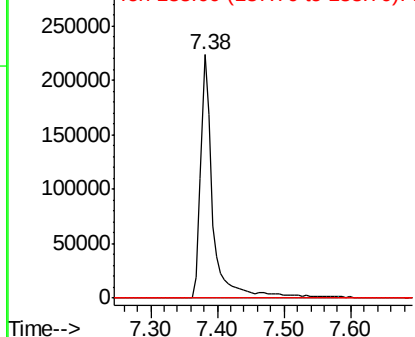


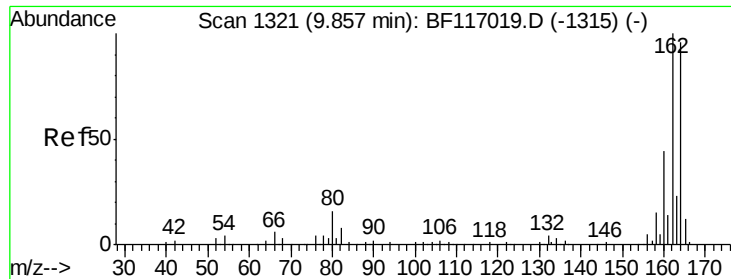
#25
 Isophorone
 Concen: 32.014 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117122.D
 Acq: 17 Sep 2019 22:11

Tgt Ion	82	Resp	276821
Ion Ratio	100	Lower	Upper
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# 1320

Delta R.T. -0.01 min

Lab File: BF117122.D

Acq: 17 Sep 2019 22:11

Instrument :

BNA_F

ClientSampleId :

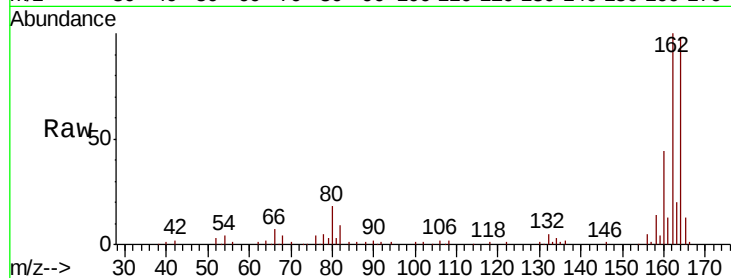
Tot Ion:164 Resp: 134526

Ion Ratio Lower Upper

164 100

162 101.7 83.4 125.2

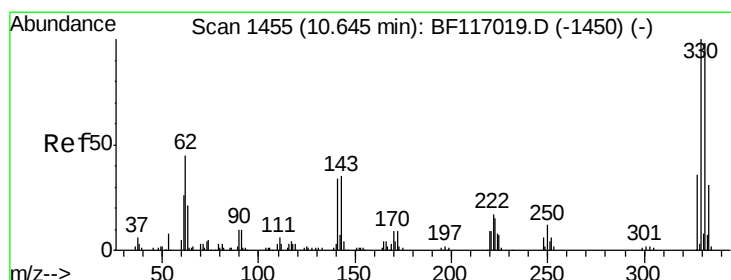
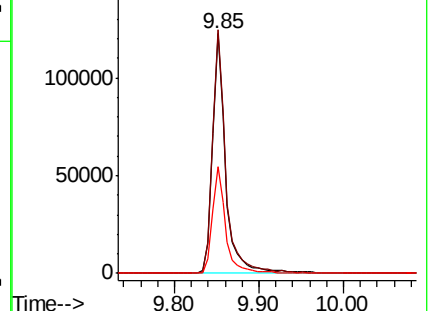
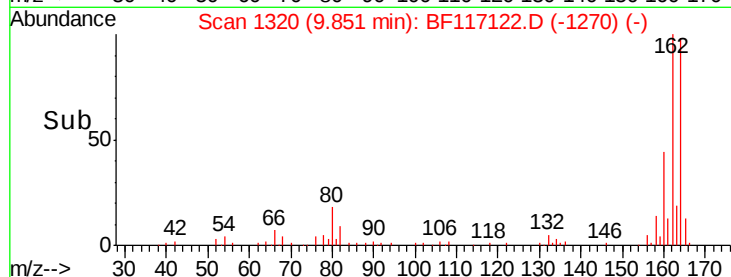
160 44.5 36.4 54.6



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: 65.473 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117122.D

Acq: 17 Sep 2019 22:11

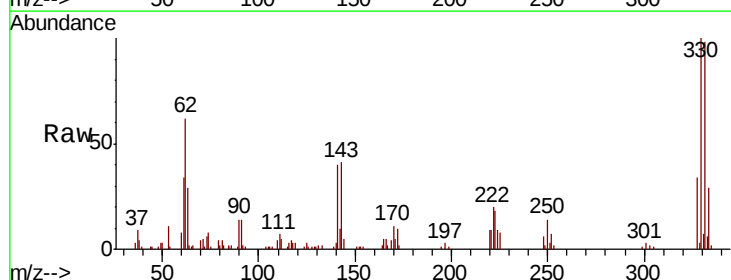
Tgt Ion:330 Resp: 73613

Ion Ratio Lower Upper

330 100

332 102.3 78.0 117.0

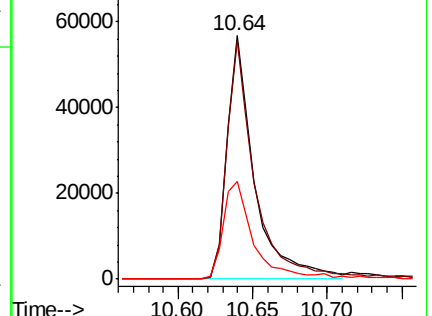
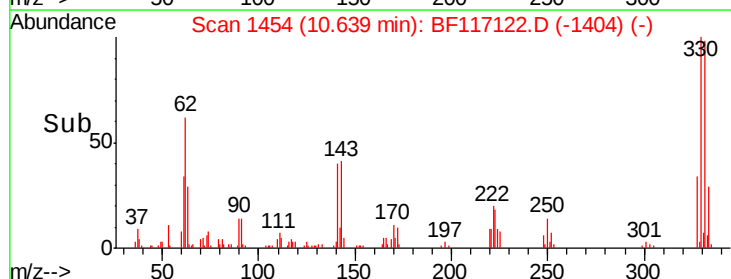
141 44.5 35.8 53.6

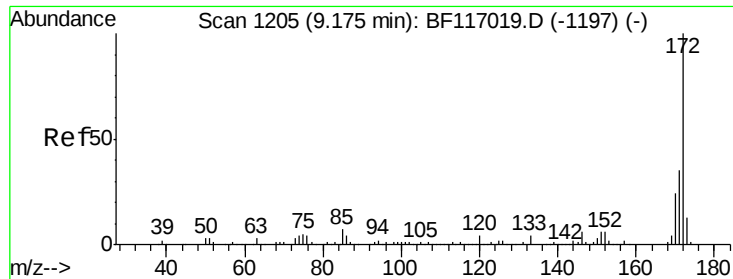


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

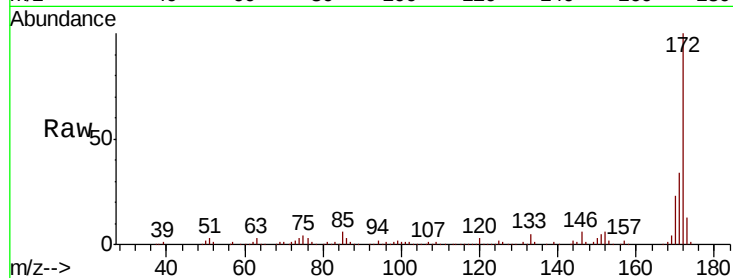




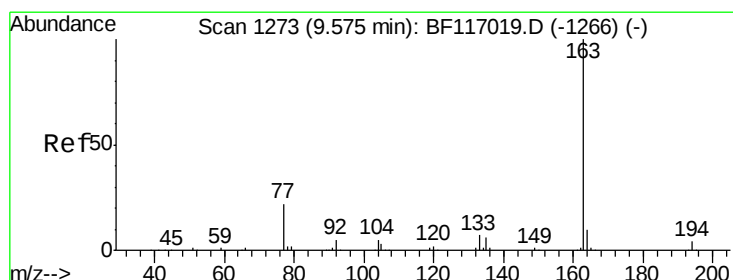
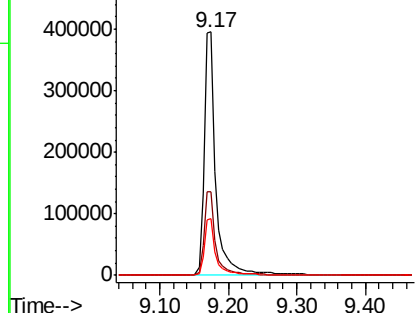
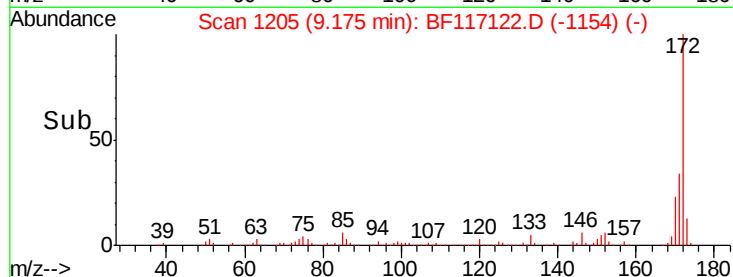
#45
2-Fluorobiphenyl
Concen: 56.489 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117122.D
Acq: 17 Sep 2019 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 486018
Ion Ratio Lower Upper
172 100
171 34.1 28.2 42.2
170 23.3 18.9 28.3

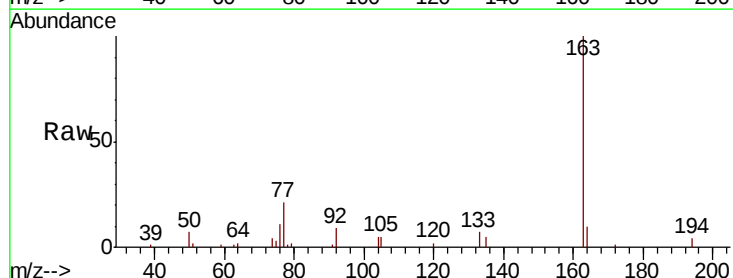


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

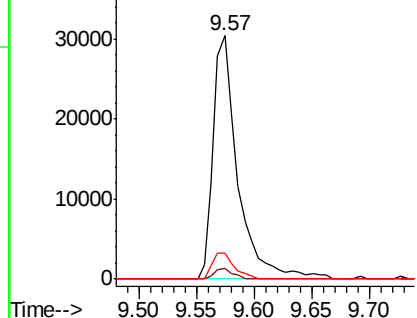
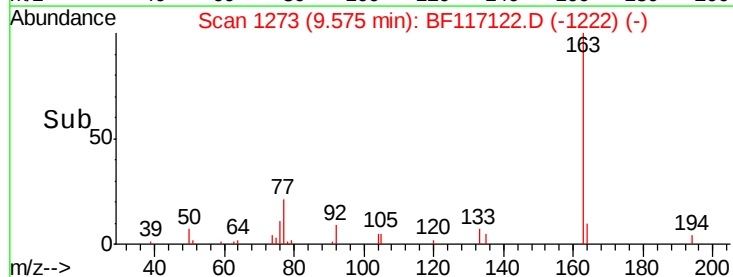


#50
Dimethylphthalate
Concen: 4.747 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117122.D
Acq: 17 Sep 2019 22:11

Tgt Ion:163 Resp: 45211
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 10.5 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

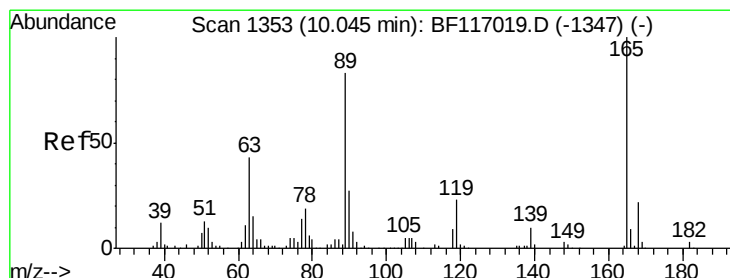
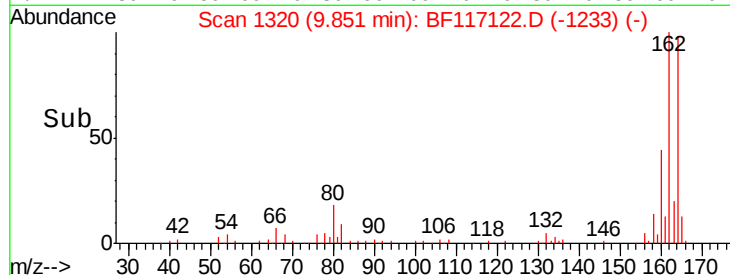
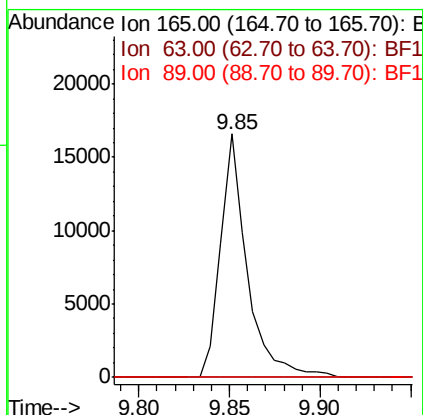
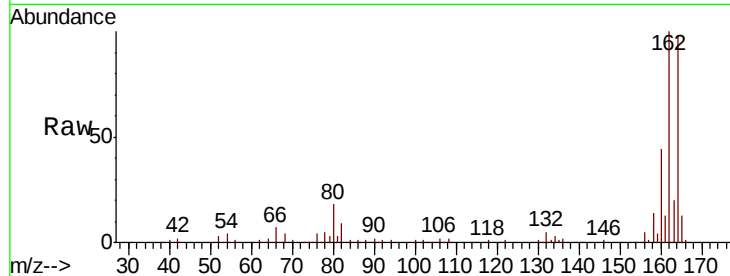




#51
 2,6-Dinitrotoluene
 Concen: 8.756 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF117122.D
 Acq: 17 Sep 2019 22:11

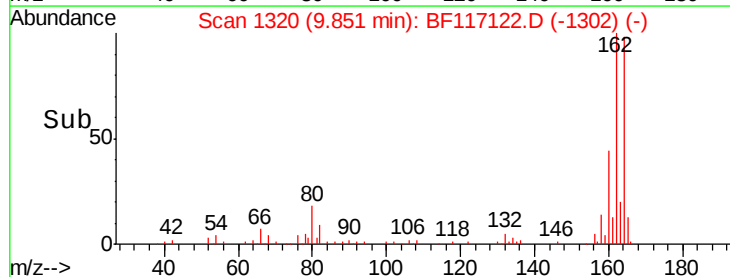
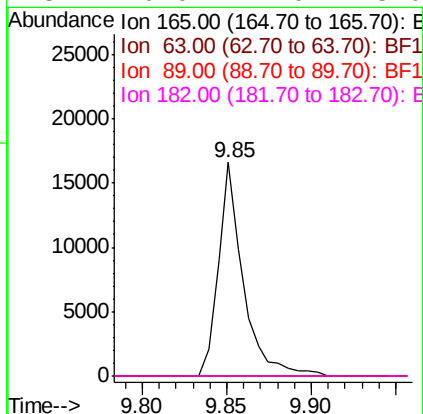
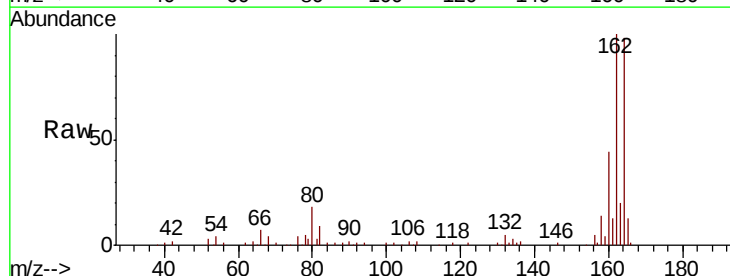
Instrument :
 BNA_F
 ClientSampleId :

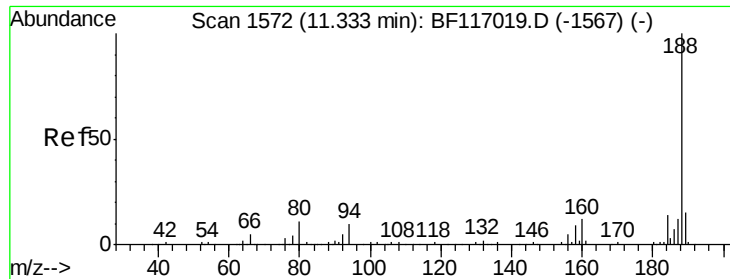
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.746 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117122.D
 Acq: 17 Sep 2019 22:11

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#

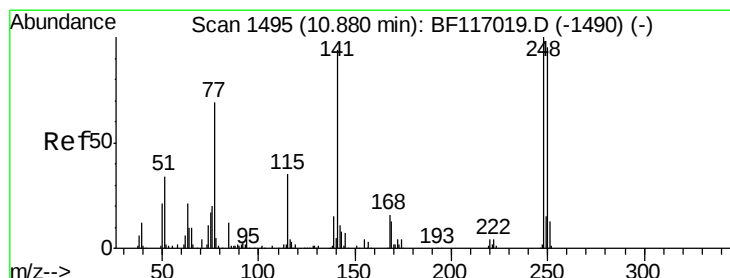
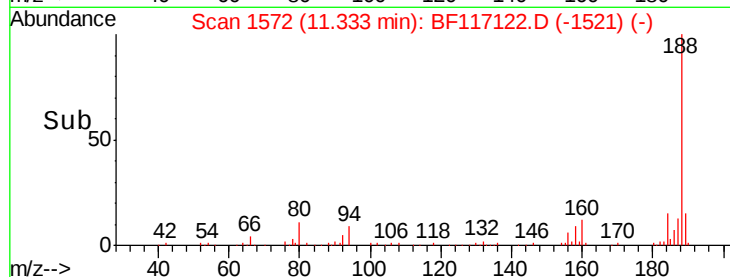
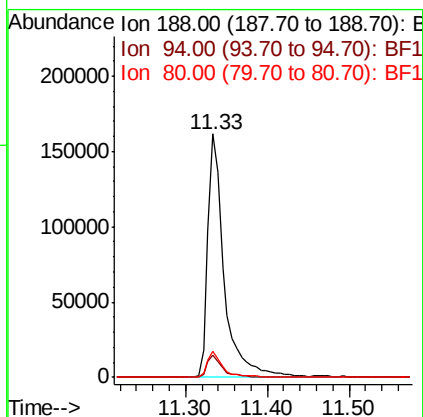
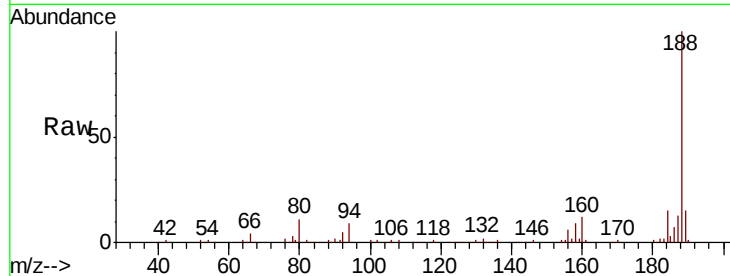




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117122.D
 Acq: 17 Sep 2019 22:11

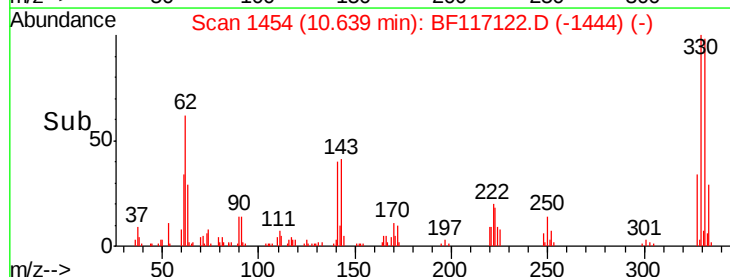
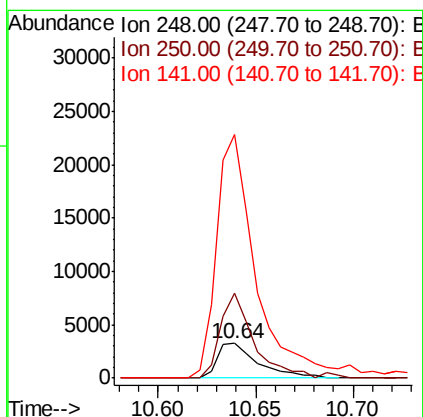
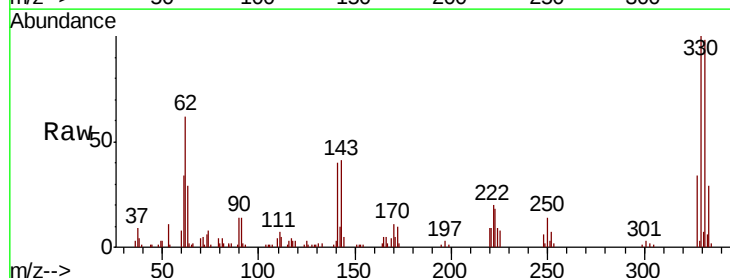
Instrument :
 BNA_F
 ClientSampleId :

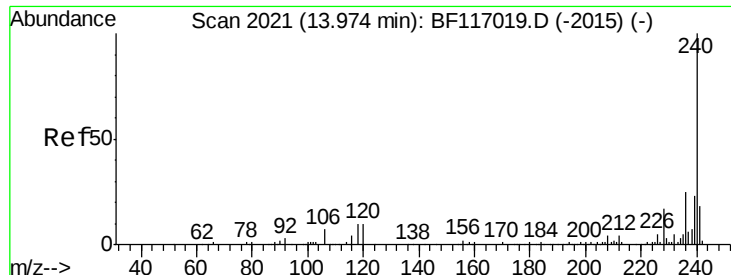
Tot Ion:188 Resp: 225927
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.2 12.2
 80 10.8 9.0 13.6



#67
 4-Bromophenyl-phenylether
 Concen: 2.058 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117122.D
 Acq: 17 Sep 2019 22:11

Tgt Ion:248 Resp: 4748
 Ion Ratio Lower Upper
 248 100
 250 242.1 76.2 114.4#
 141 699.1 75.0 112.4#

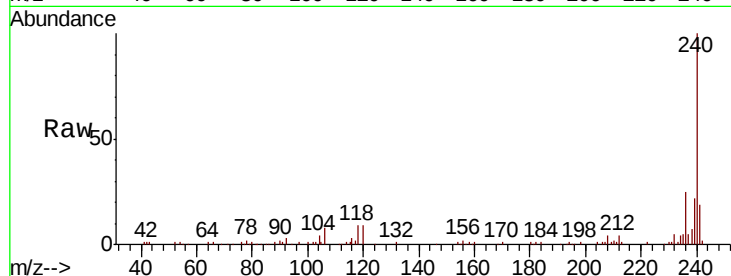




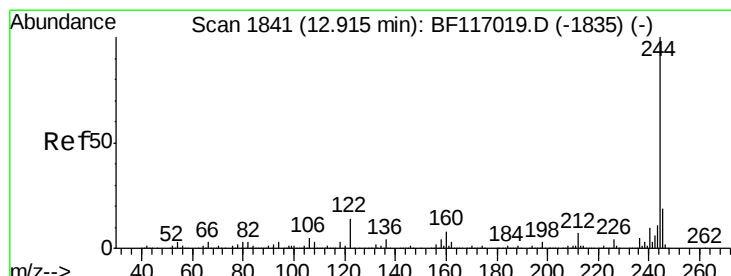
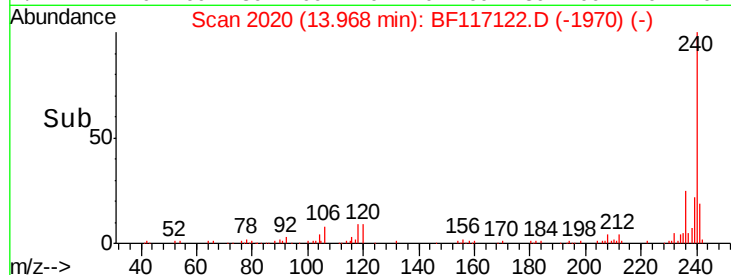
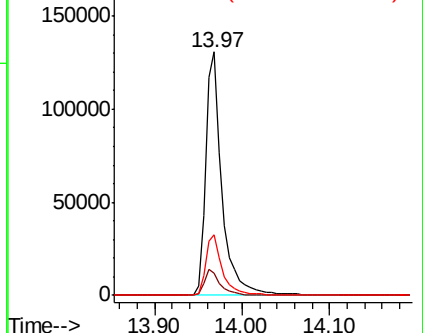
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117122.D
Acq: 17 Sep 2019 22:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	24.8	20.3	30.5

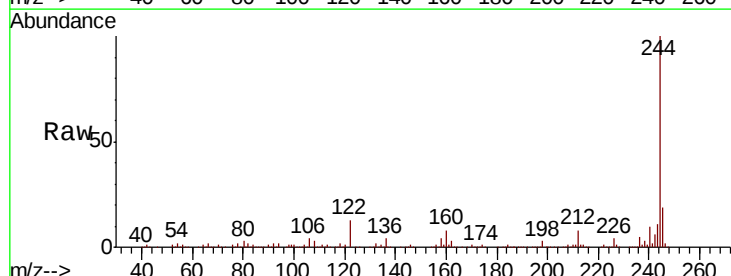


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

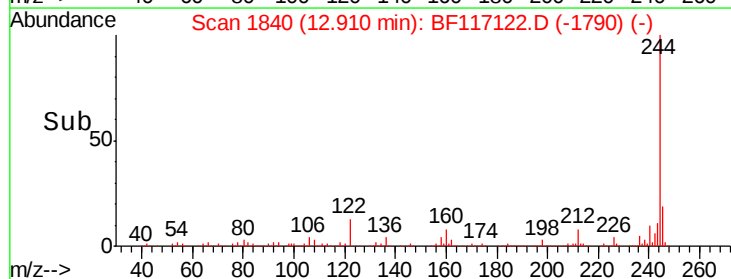
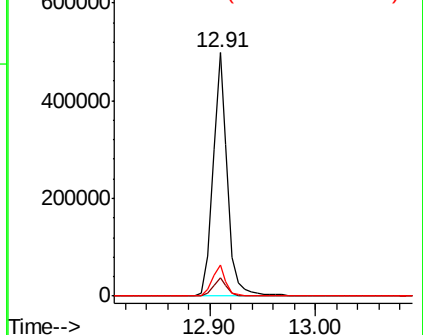


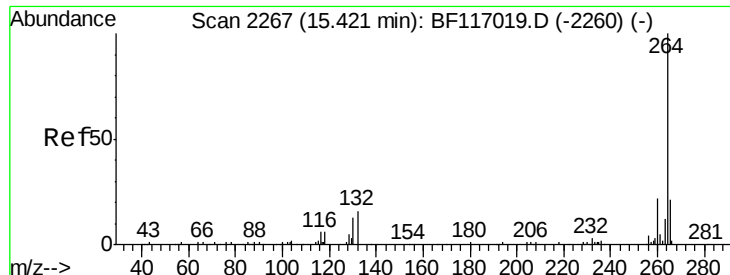
#79
Terphenyl-d14
Concen: 53.172 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117122.D
Acq: 17 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	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

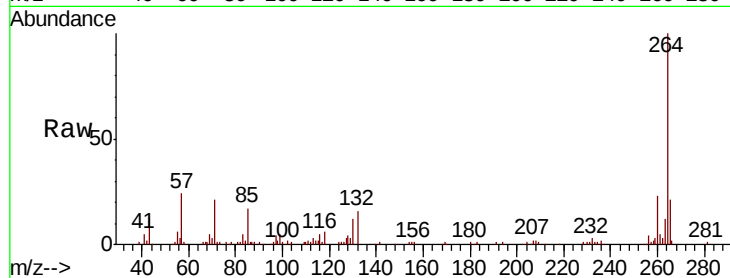




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117122.D
 Acq: 17 Sep 2019 22:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

