

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117118.D
 Acq On : 17 Sep 2019 20:24
 Operator : HP/JU
 Sample : K4668-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:52:49 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	116351	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	465138	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	241983	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	411337	20.00	ng	0.00
76) Chrysene-d12	13.97	240	309183	20.00	ng	0.00
87) Perylene-d12	15.42	264	289256	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	492813	66.13	ng	0.02
7) Phenol-d6	6.46	99	581736	60.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	470470	53.14	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	175058	86.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	808069	52.21	ng	0.00
79) Terphenyl-d14	12.92	244	874459	52.87	ng	0.00

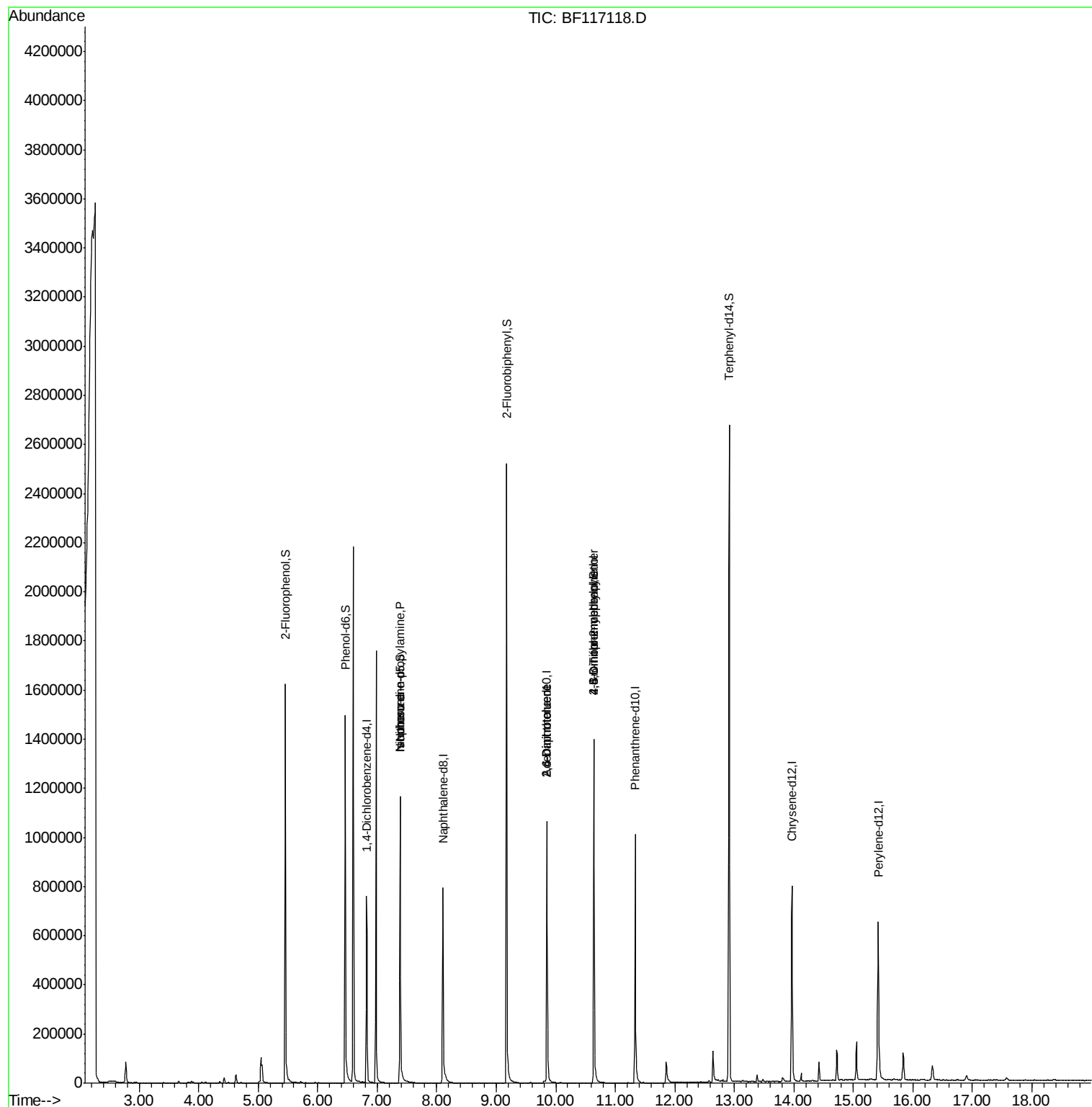
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	833	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.39	70	61572	10.499	ng	# 78
25) Isophorone	7.39	82	470467	30.015	ng	# 66
51) 2,6-Dinitrotoluene	9.85	165	30805	8.828	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	30931	6.829	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.63	198	247	7.015	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	10948	2.606	ng	# 1

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

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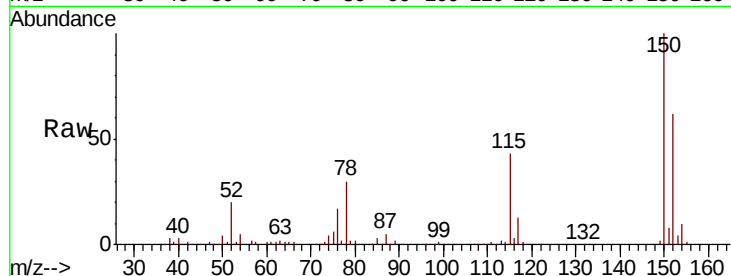




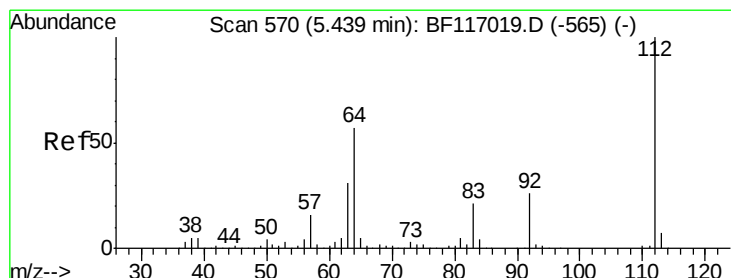
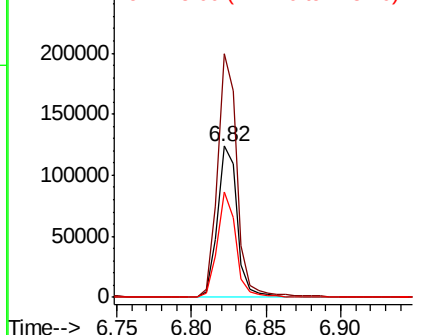
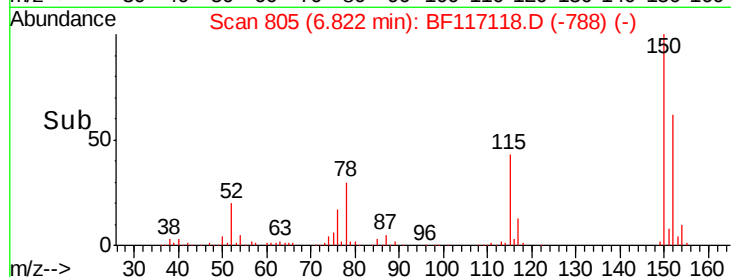
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 116351
 Ion Ratio Lower Upper
 152 100
 150 161.3 127.5 191.3
 115 69.5 55.0 82.4

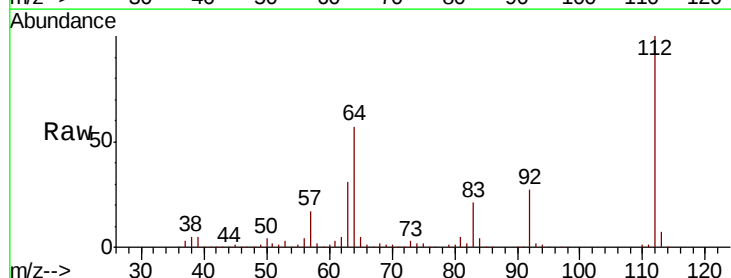


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

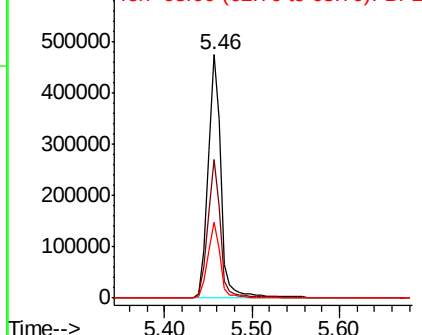
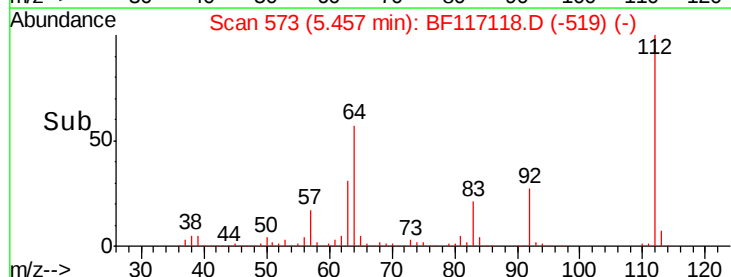


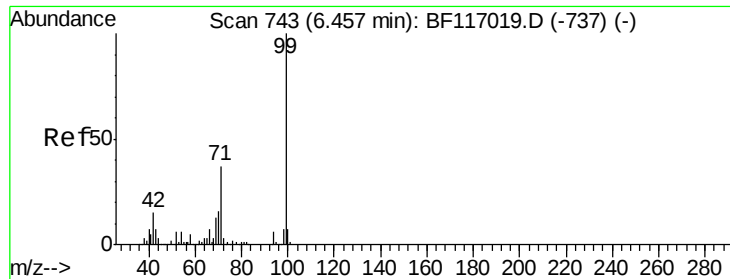
#5
 2-Fluorophenol
 Concen: 66.128 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Tgt Ion:112 Resp: 492813
 Ion Ratio Lower Upper
 112 100
 64 57.2 45.7 68.5
 63 31.1 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: 60.401 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

Instrument :

BNA_F

ClientSampleId :

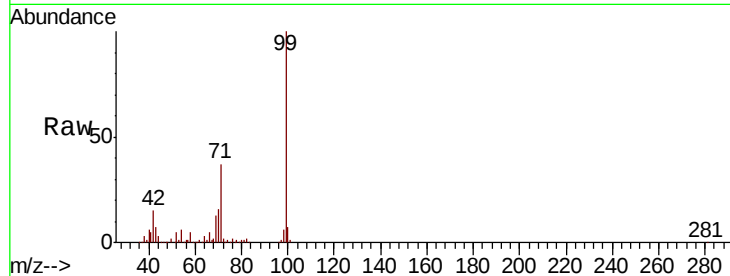
Tot Ion: 99 Resp: 581736

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

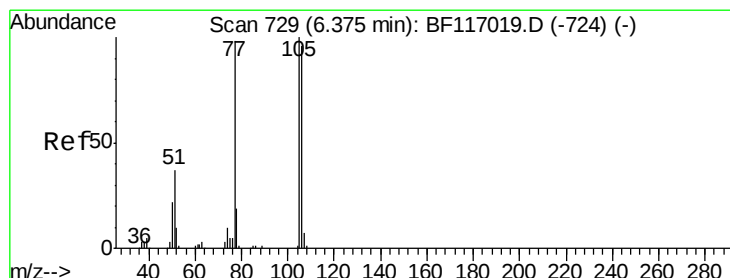
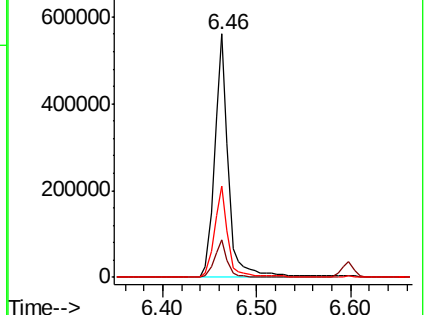
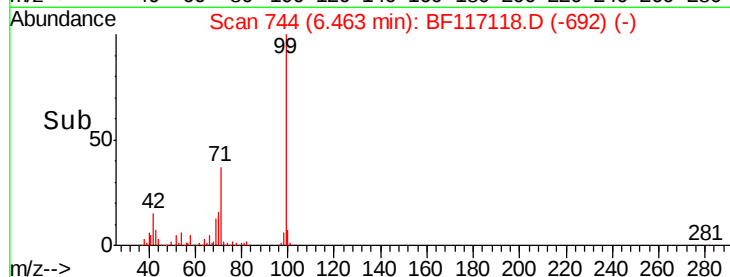
71 37.5 29.8 44.8



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: 6.46 min Scan# 744

Delta R.T. 0.09 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

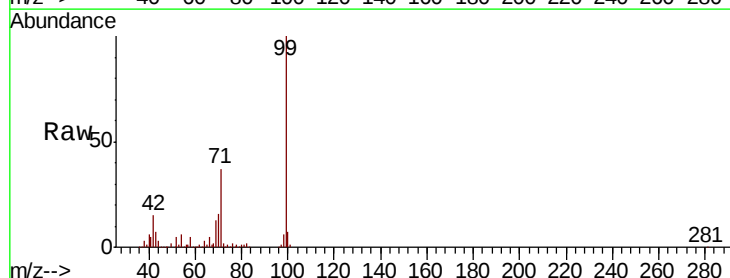
Tgt Ion: 77 Resp: 833

Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

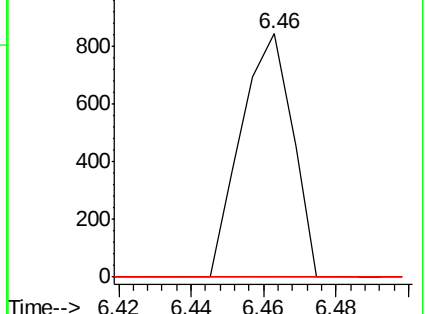
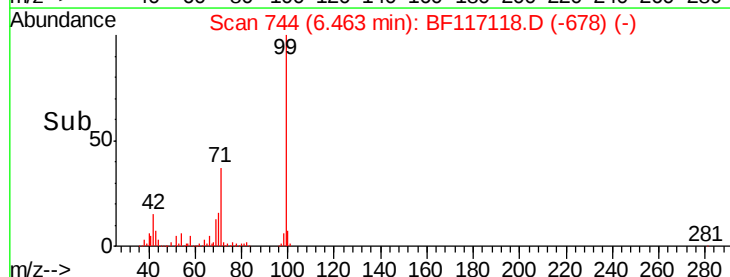
106 0.0 77.3 117.3#



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

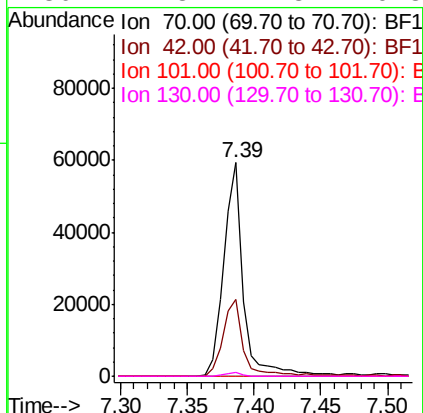
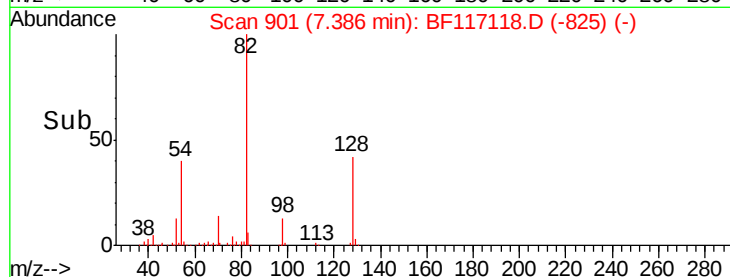
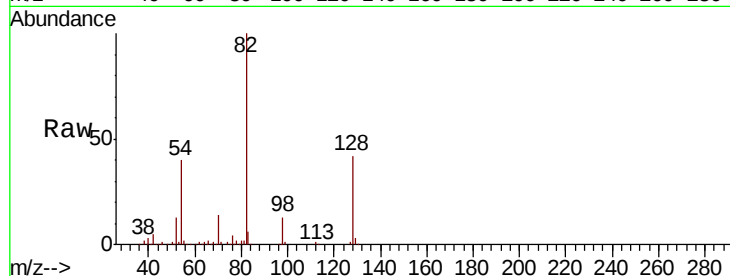




#19
n-Nitroso-di-n-propylamine
Concen: 10.499 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117118.D
Acq: 17 Sep 2019 20:24

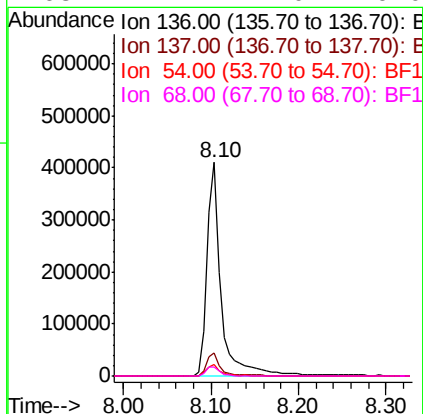
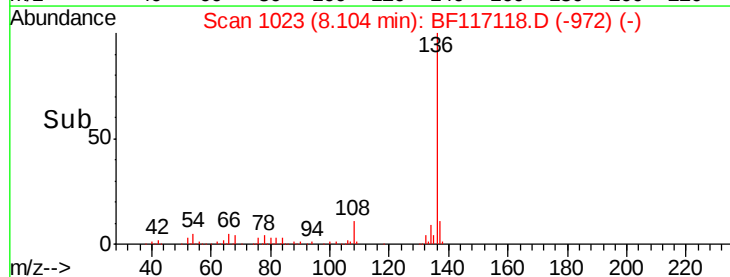
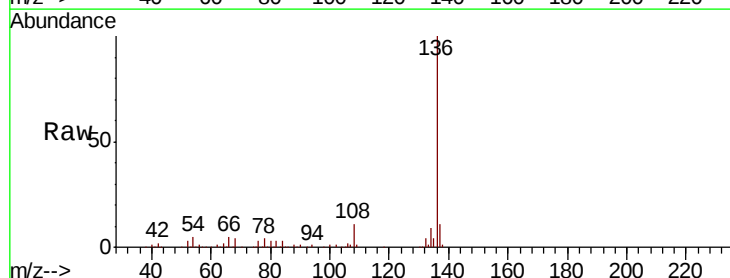
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 61572
Ion Ratio Lower Upper
70 100
42 36.2 34.0 51.0
101 0.0 7.8 11.6#
130 1.8 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: BF117118.D
Acq: 17 Sep 2019 20:24

Tgt Ion: 136 Resp: 465138
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 5.3 4.5 6.7
68 4.1 4.0 6.0

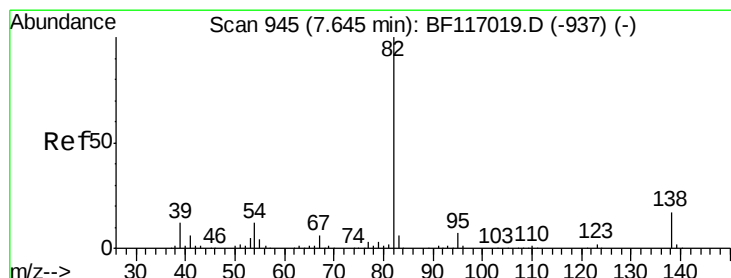
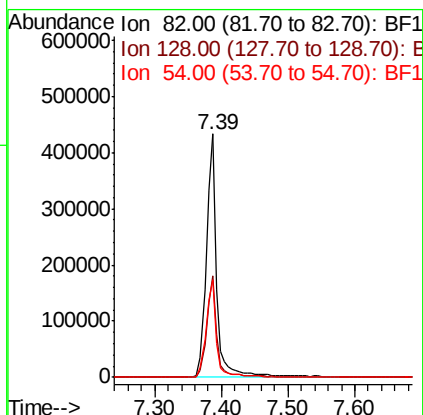
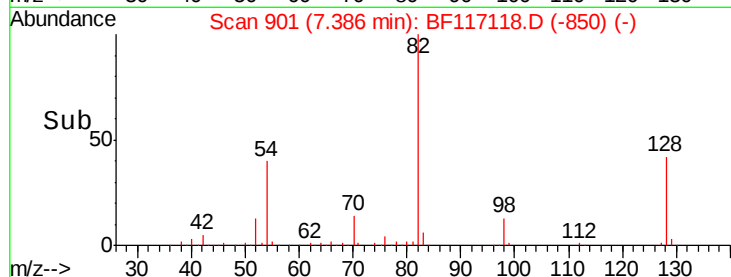
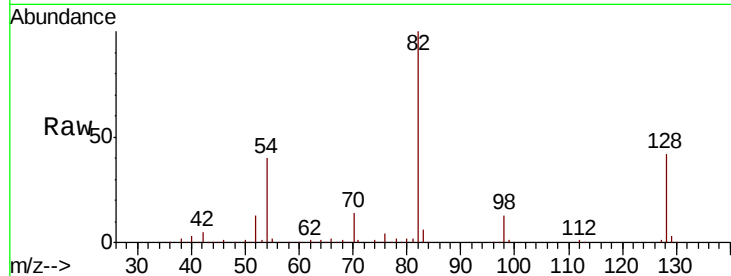




#23
 Nitrobenzene-d5
 Concen: 53.145 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

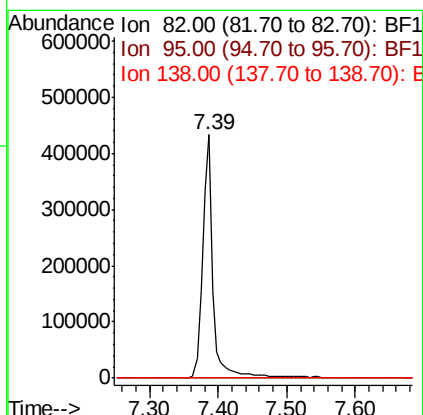
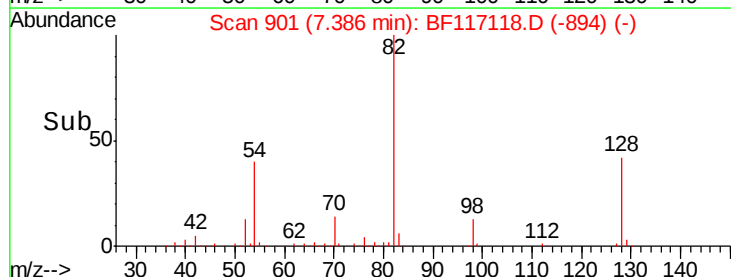
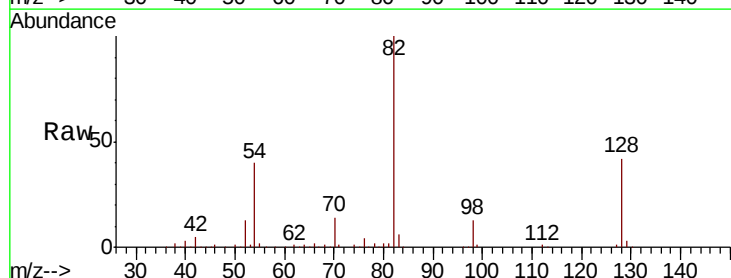
Instrument :
 BNA_F
 ClientSampled :

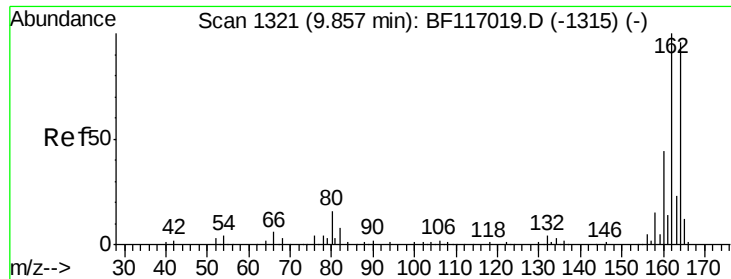
Tot Ion	82	Resp	470470
Ion Ratio	100	Lower	Upper
128	41.8	32.3	48.5
54	40.3	33.3	49.9



#25
 Isophorone
 Concen: 30.015 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.26 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Tgt Ion	82	Resp	470467
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

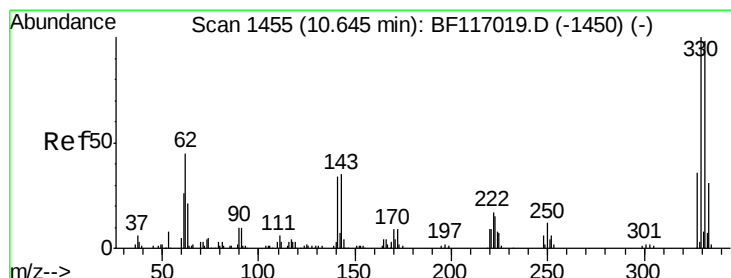
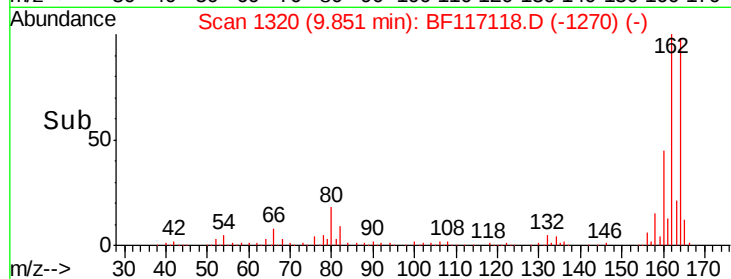
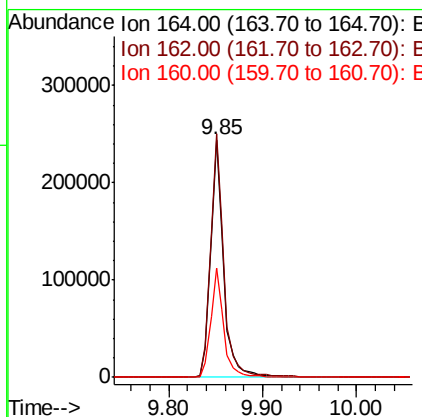
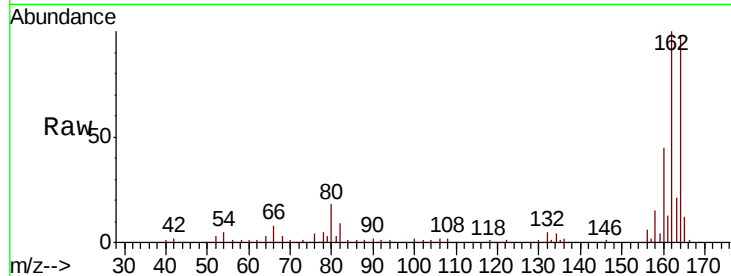




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117118.D
Acq: 17 Sep 2019 20:24

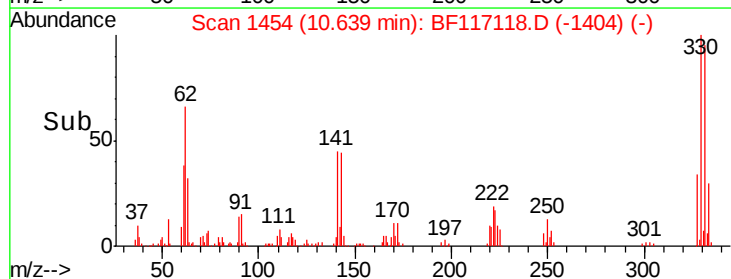
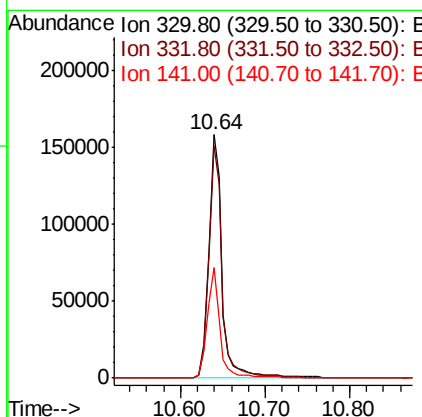
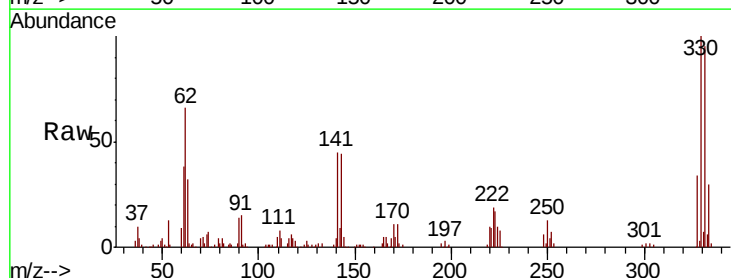
Instrument :
BNA_F
ClientSampleId :

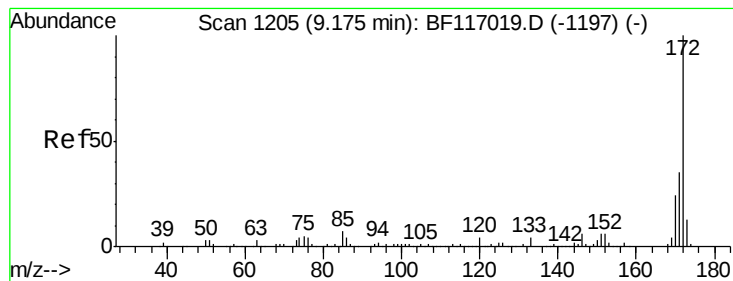
Tot Ion:164 Resp: 241983
Ion Ratio Lower Upper
164 100
162 102.4 83.4 125.2
160 46.2 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 86.559 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117118.D
Acq: 17 Sep 2019 20:24

Tgt Ion:330 Resp: 175058
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 43.2 35.8 53.6





#45

2-Fluorobiphenyl

Concen: 52.213 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

Instrument :

BNA_F

ClientSampled :

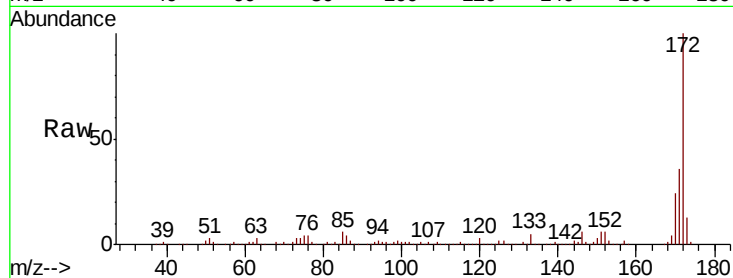
Tot Ion:172 Resp: 808069

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

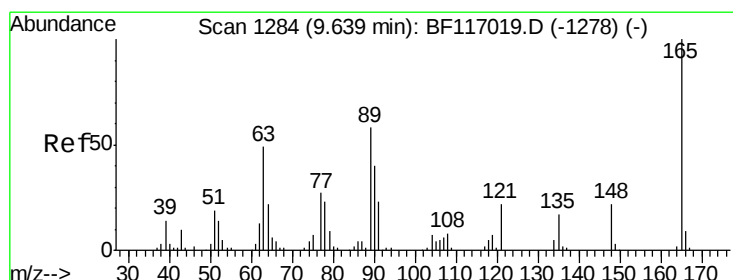
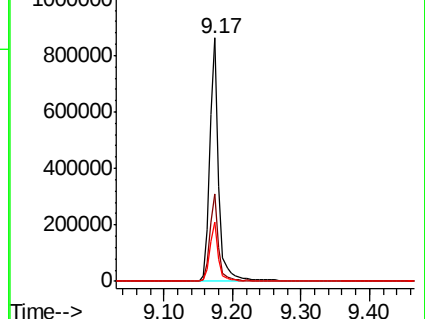
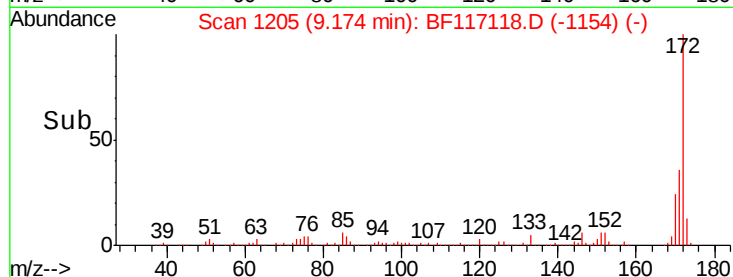
170 24.1 18.9 28.3



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



#51

2,6-Dinitrotoluene

Concen: 8.828 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

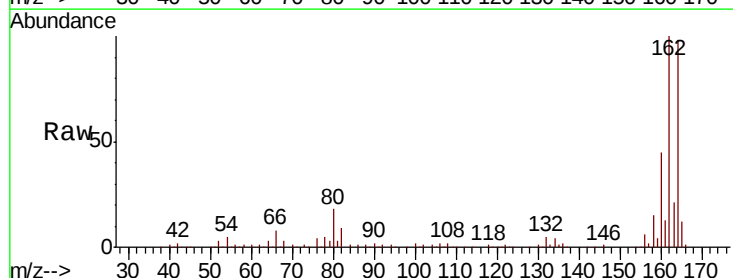
Tgt Ion:165 Resp: 30805

Ion Ratio Lower Upper

165 100

63 1.3 41.8 62.8#

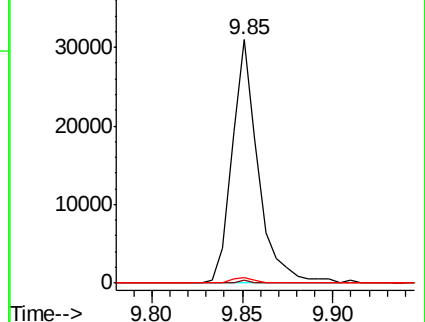
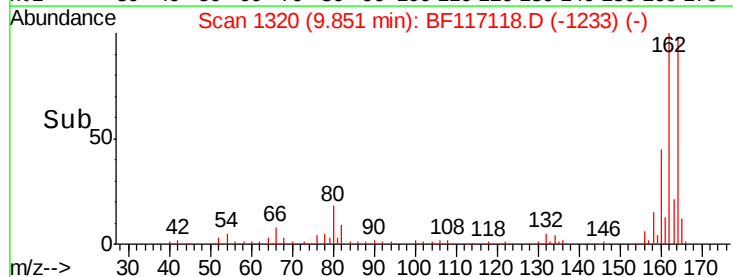
89 2.1 46.5 69.7#



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: 6.829 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF117118.D

Acq: 17 Sep 2019 20:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 30931

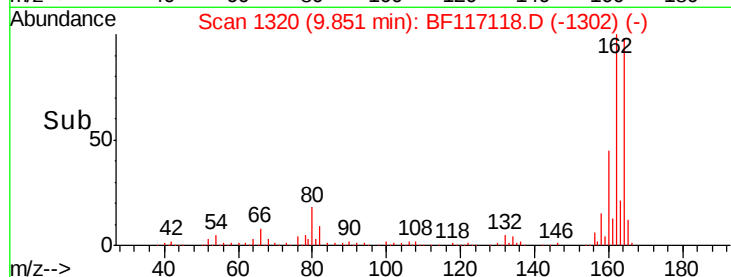
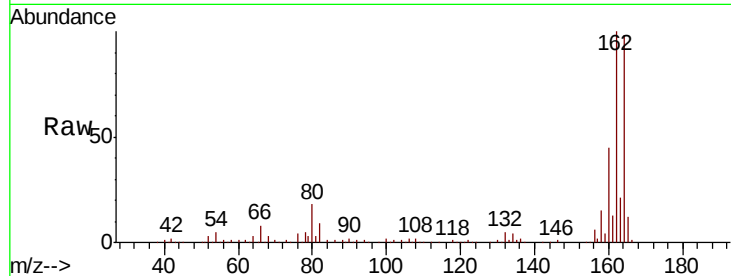
Ion Ratio Lower Upper

165 100

63 1.3 35.0 52.4#

89 2.1 66.1 99.1#

182 0.0 2.0 3.0#

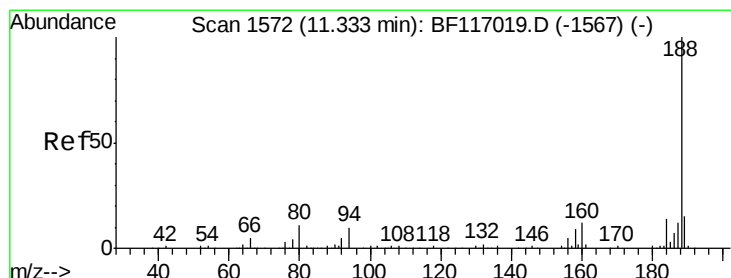
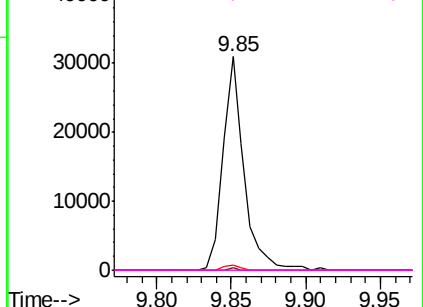


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF117118.D

Acq: 17 Sep 2019 20:24

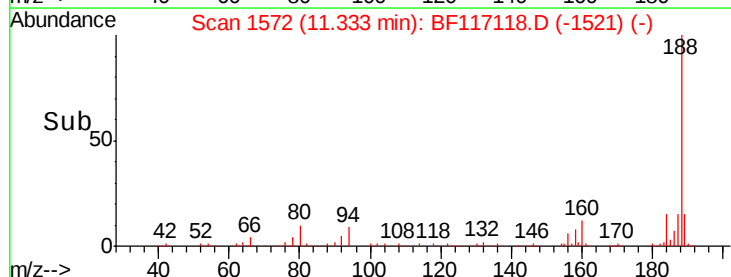
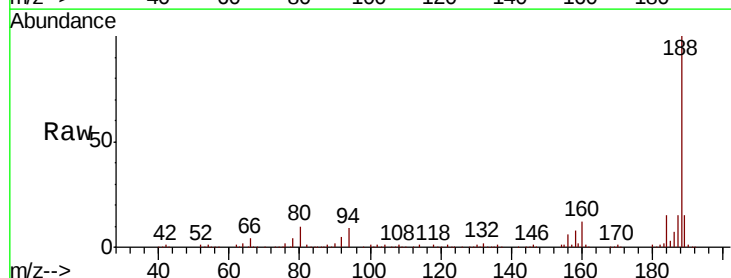
Tgt Ion:188 Resp: 411337

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

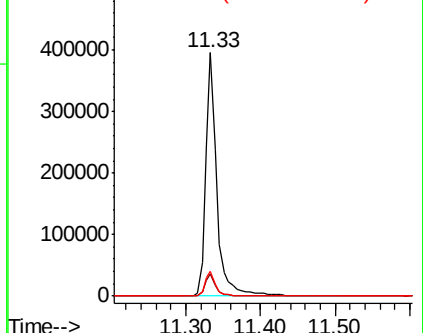
80 10.0 9.0 13.6

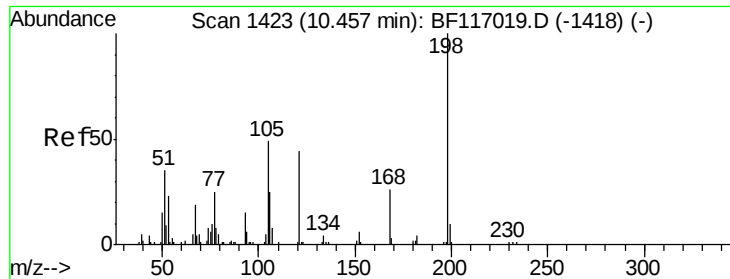


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

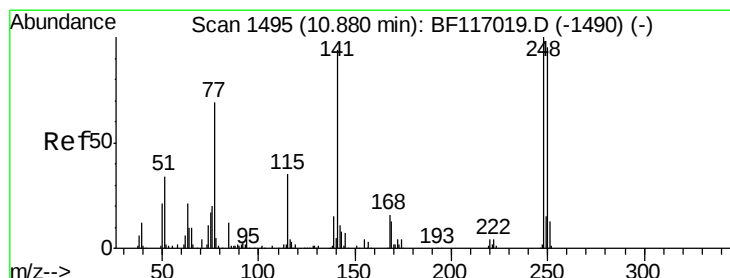
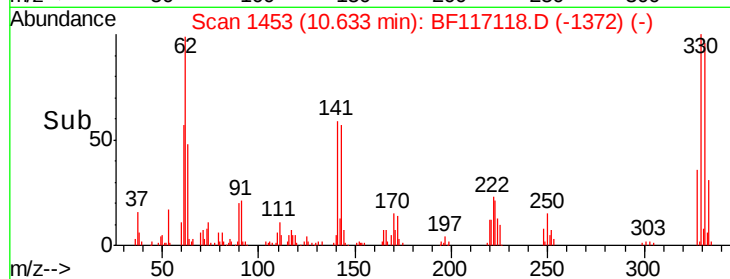
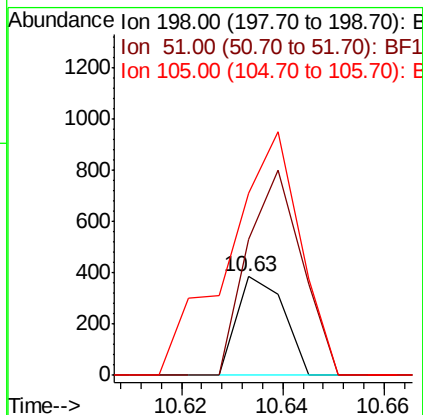
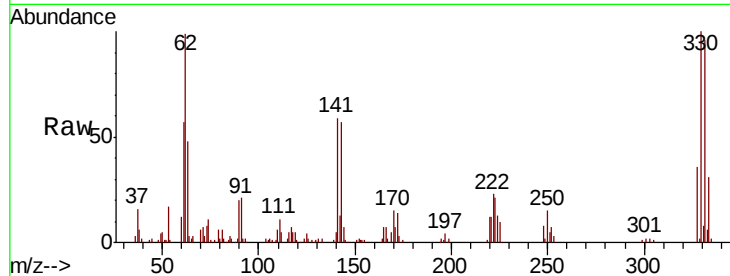




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.015 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

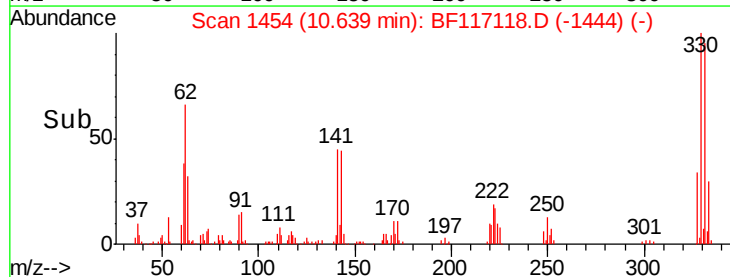
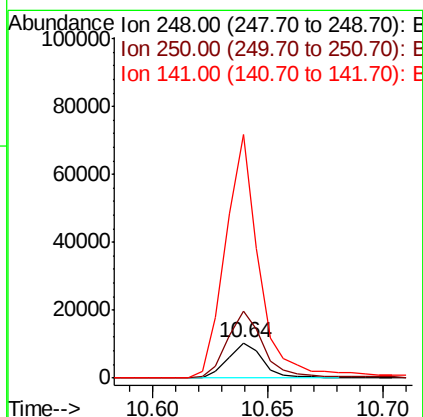
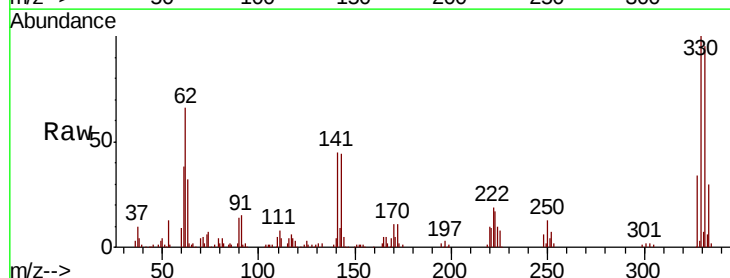
Instrument :
 BNA_F
 ClientSampled :

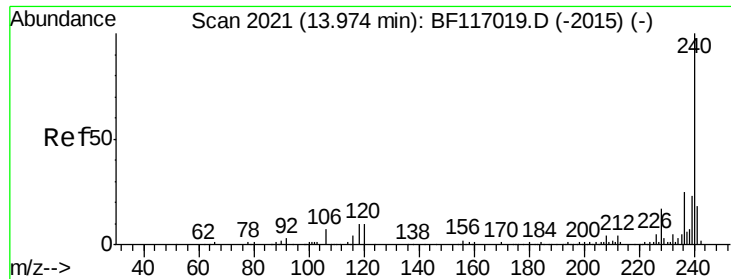
Tot Ion:198 Resp: 247
 Ion Ratio Lower Upper
 198 100
 51 137.6 18.7 58.7#
 105 184.7 30.2 70.2#



#67
 4-Bromophenyl-phenylether
 Concen: 2.606 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Tgt Ion:248 Resp: 10948
 Ion Ratio Lower Upper
 248 100
 250 192.9 76.2 114.4#
 141 696.4 75.0 112.4#

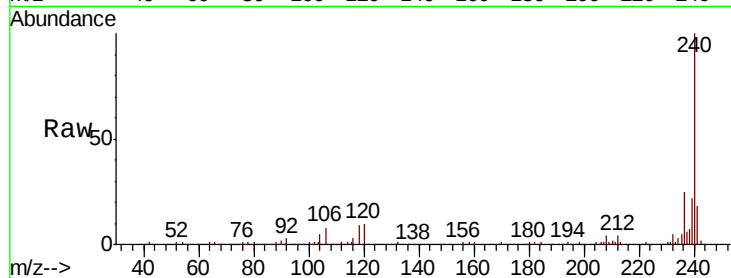




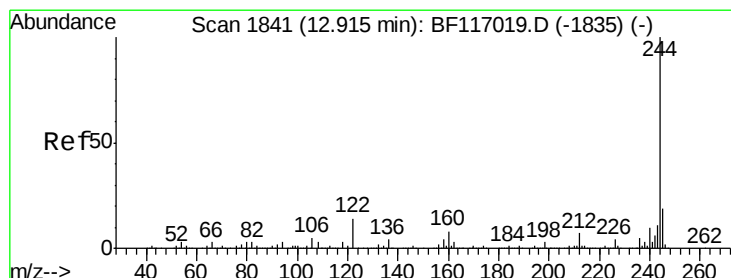
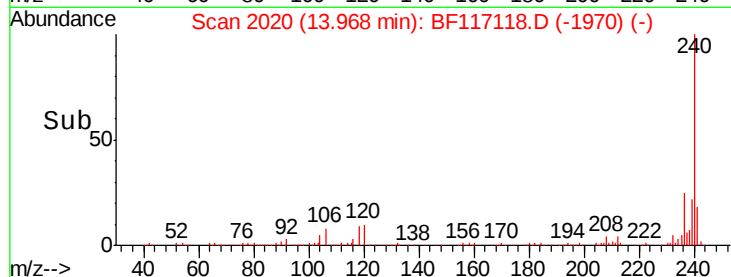
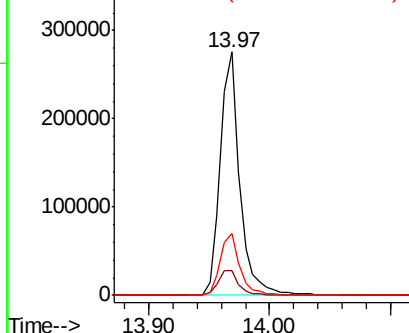
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.5	20.3	30.5

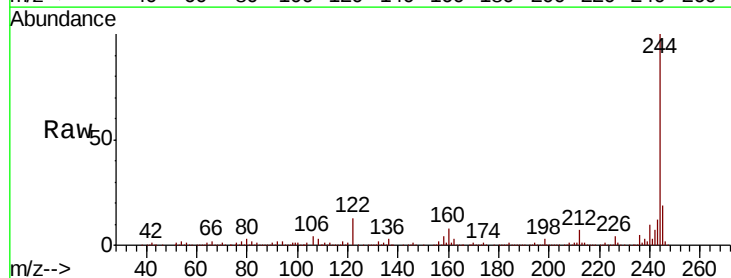


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

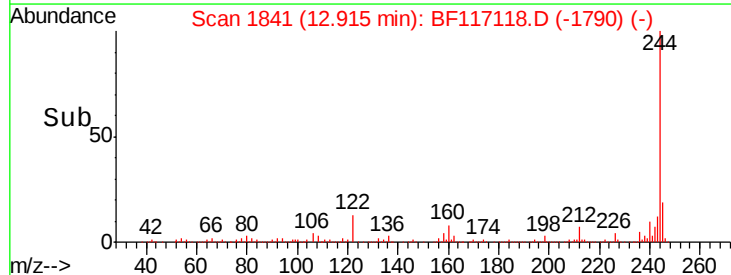
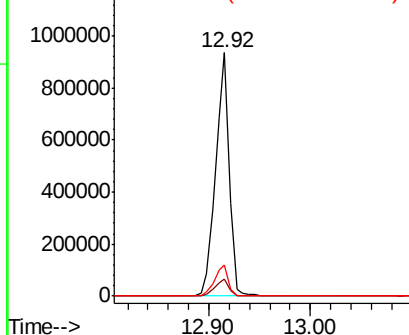


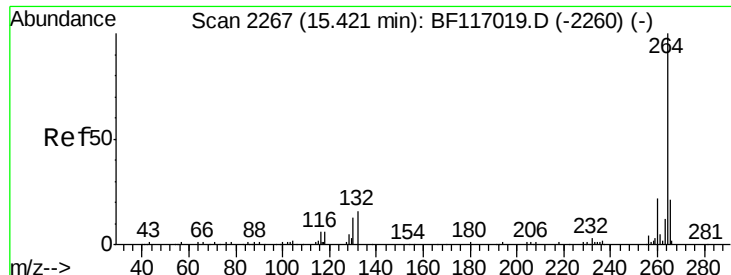
#79
 Terphenyl-d14
 Concen: 52.867 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Tgt 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117118.D
 Acq: 17 Sep 2019 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	21.0	16.6	24.8

