

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117305.D
 Acq On : 2 Oct 2019 17:47
 Operator : JU
 Sample : K5131-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:31:55 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

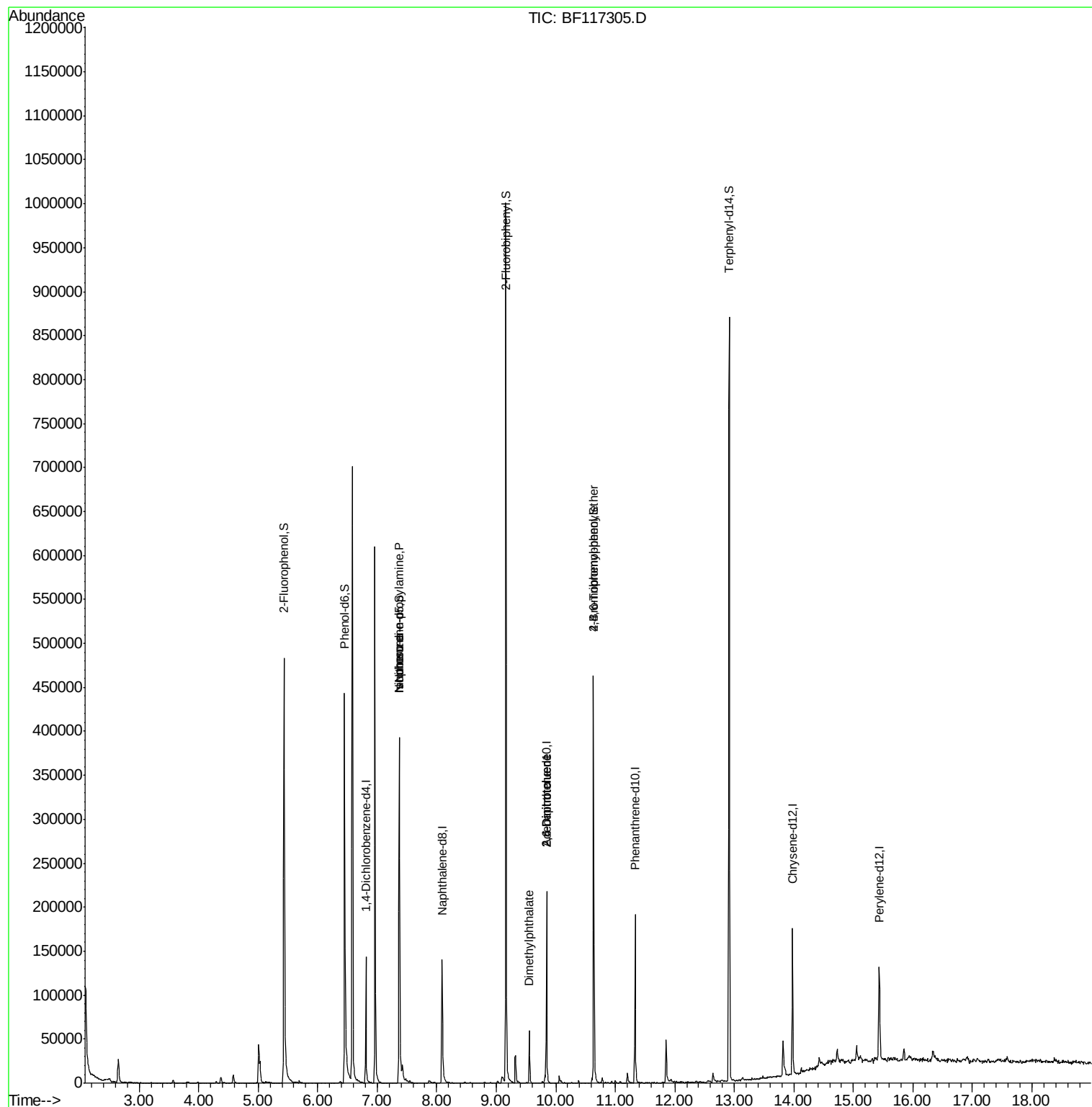
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	22897	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	91504	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	47828	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	78483	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59176	20.00	ng	0.00
87) Perylene-d12	15.43	264	48222	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	172523	117.64	ng	0.00
7) Phenol-d6	6.45	99	203796	107.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	151622	87.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	56676	141.78	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	297268	97.18	ng	-0.01
79) Terphenyl-d14	12.92	244	289640	91.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	690	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	20650	17.892 ng	#	80
25) Isophorone	7.37	82	151620	49.171 ng	#	66
50) Dimethylphthalate	9.56	163	24586	7.260 ng		97
51) 2,6-Dinitrotoluene	9.85	165	6036	8.751 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	6036	6.742 ng	#	18
67) 4-Bromophenyl-phenylether	10.64	248	3680	4.591 ng	#	1

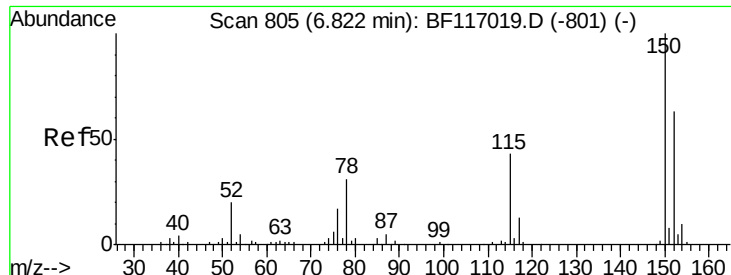
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117305.D
Acq On : 2 Oct 2019 17:47
Operator : JU
Sample : K5131-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 03 01:31:55 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



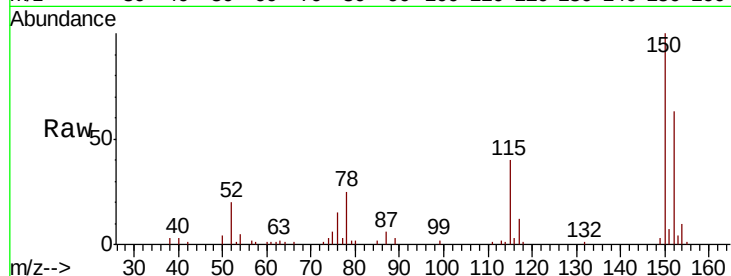


#1

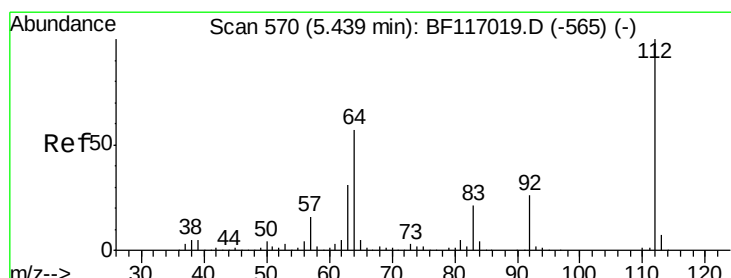
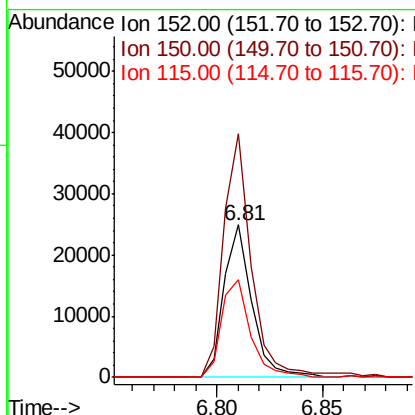
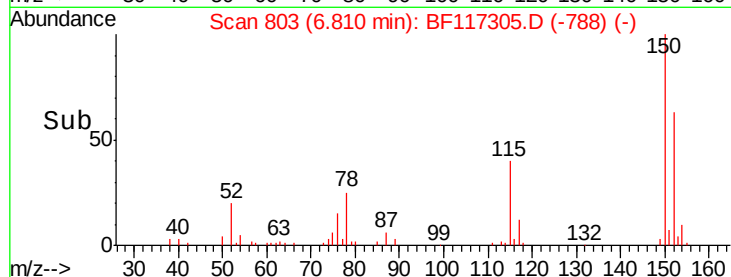
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 22897
Ion Ratio Lower Upper
152 100
150 159.9 127.5 191.3
115 64.1 55.0 82.4



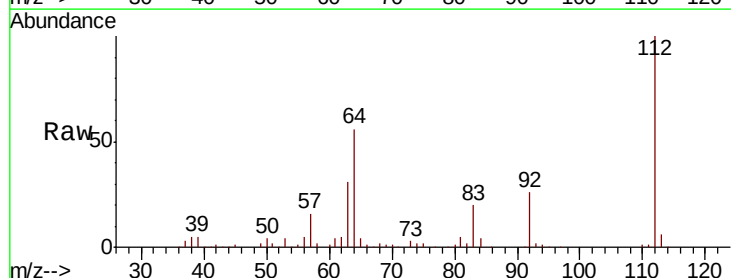
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



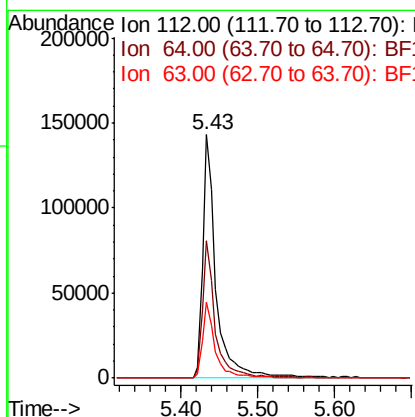
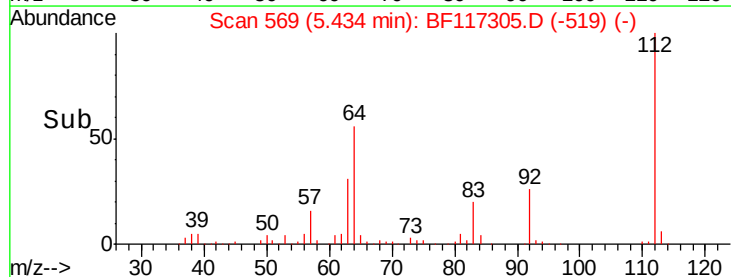
#5

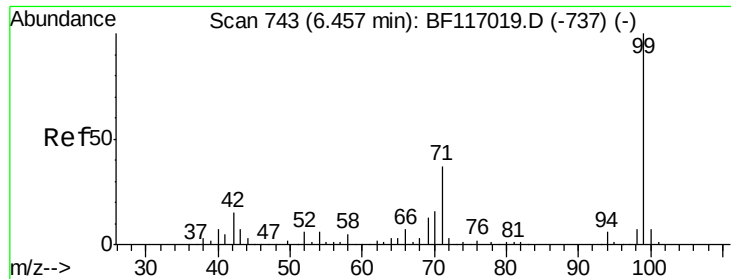
2-Fluorophenol
Concen: 117.636 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

Tgt Ion:112 Resp: 172523
Ion Ratio Lower Upper
112 100
64 56.4 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: 107.524 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

Instrument :

BNA_F

ClientSampleId :

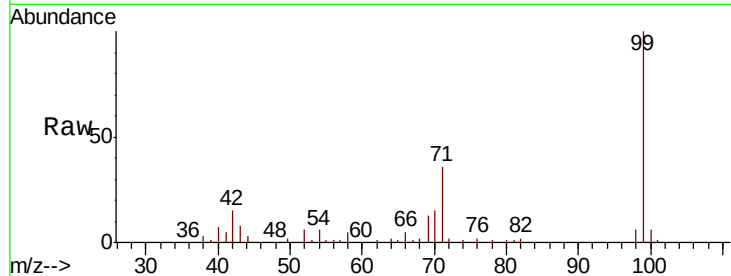
Tot Ion: 99 Resp: 203796

Ion Ratio Lower Upper

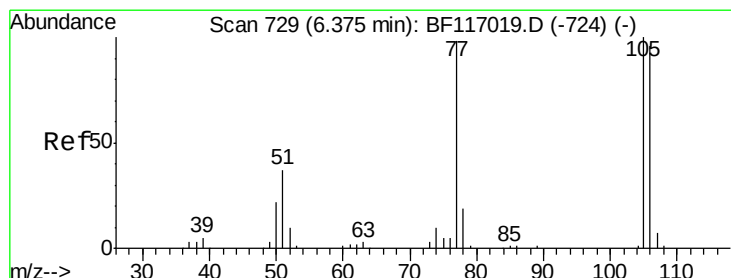
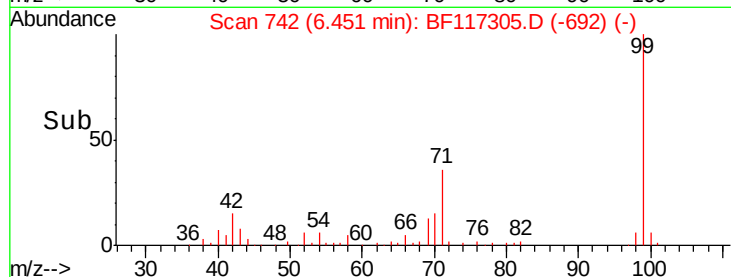
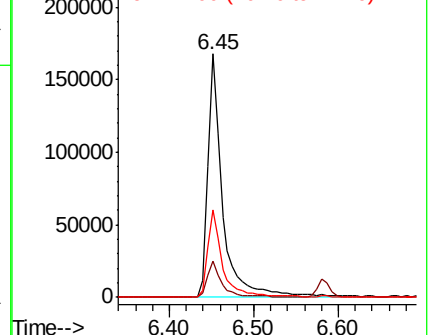
99 100

42 15.1 12.2 18.2

71 36.0 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: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

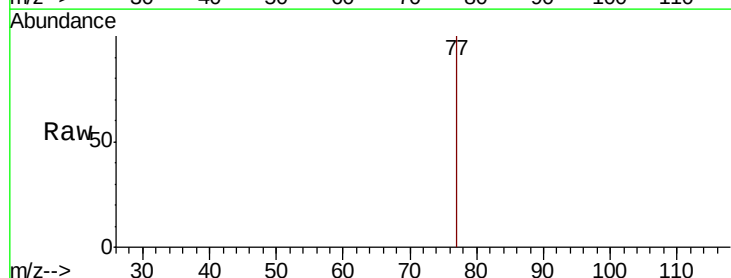
Tgt Ion: 77 Resp: 690

Ion Ratio Lower Upper

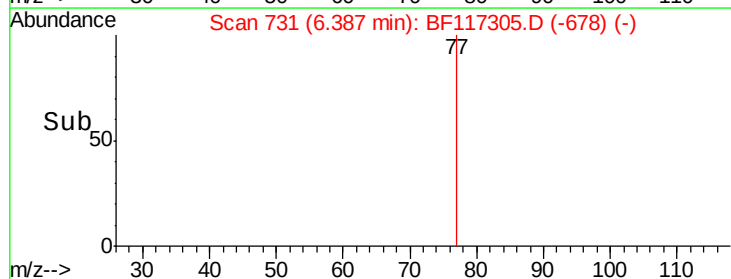
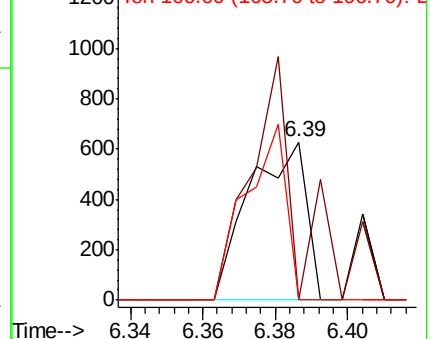
77 100

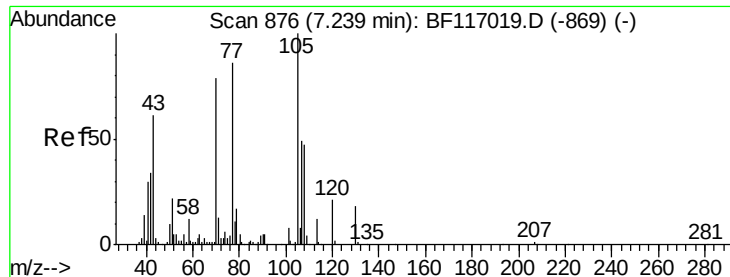
105 0.0 81.8 121.8#

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: 17.892 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.13 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 20650

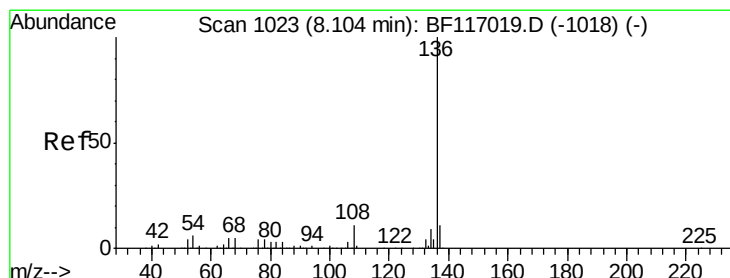
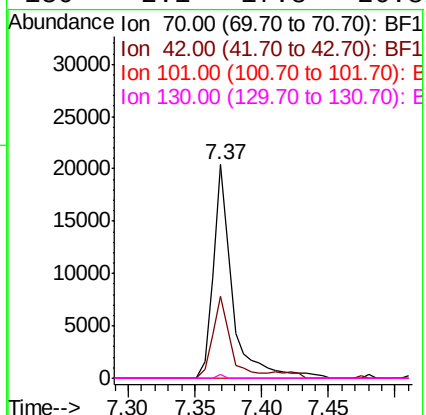
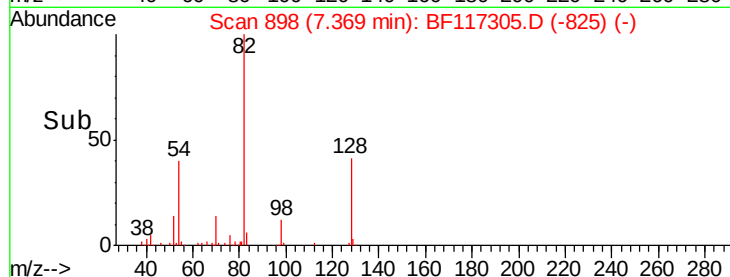
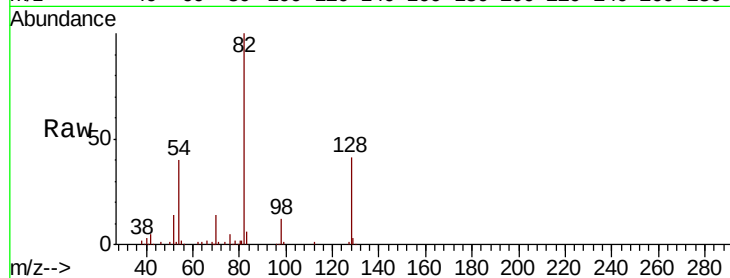
Ion Ratio Lower Upper

70 100

42 38.6 34.0 51.0

101 0.0 7.8 11.6#

130 2.1 17.8 26.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

Tgt Ion: 136 Resp: 91504

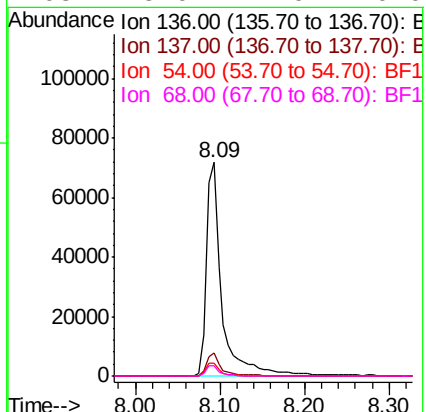
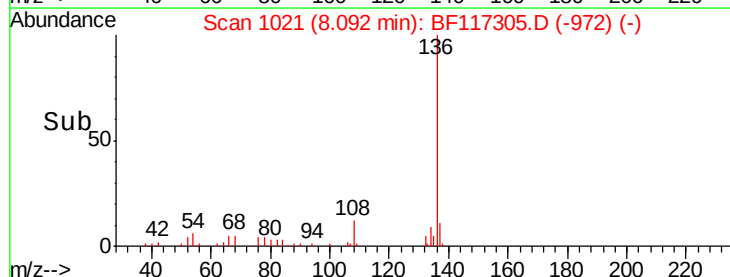
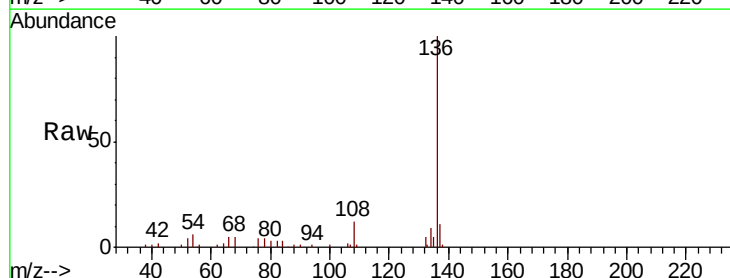
Ion Ratio Lower Upper

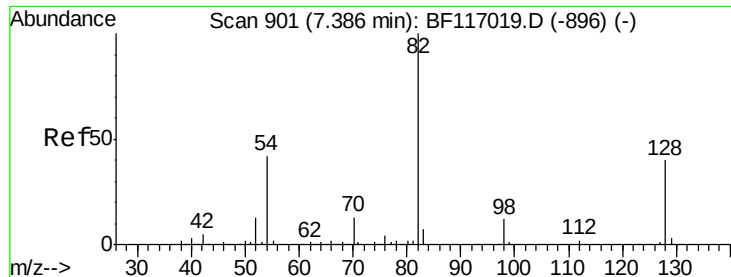
136 100

137 10.7 9.0 13.4

54 5.9 4.5 6.7

68 5.0 4.0 6.0

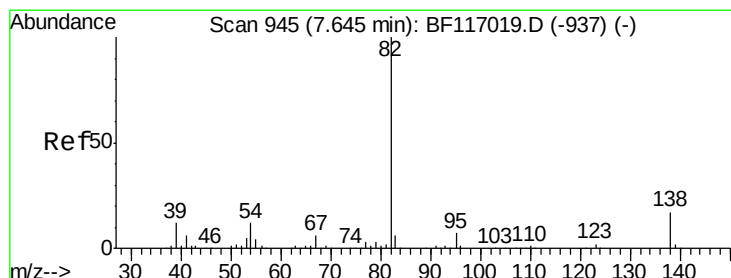
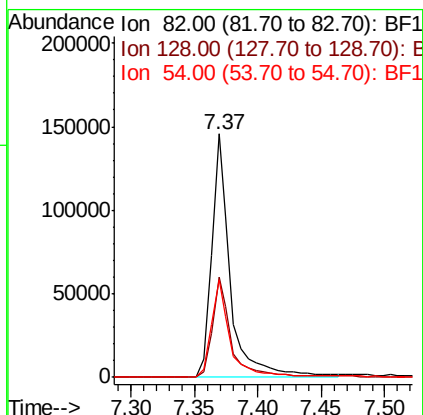
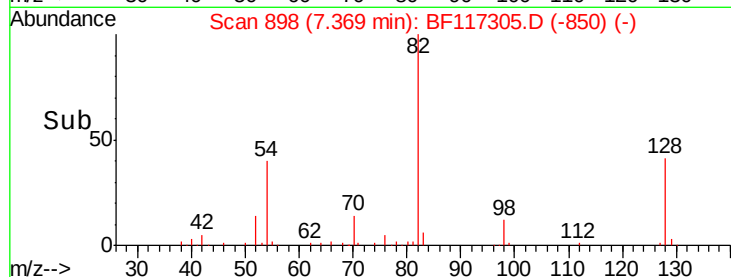
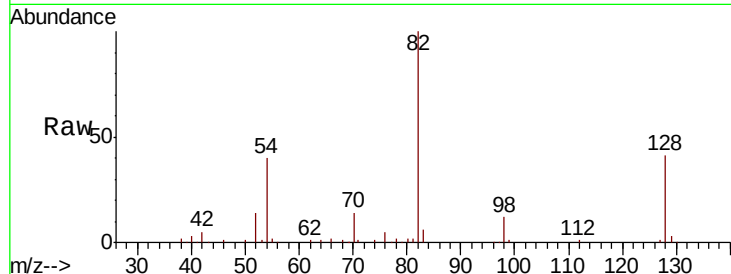




#23
Nitrobenzene-d5
Concen: 87.063 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

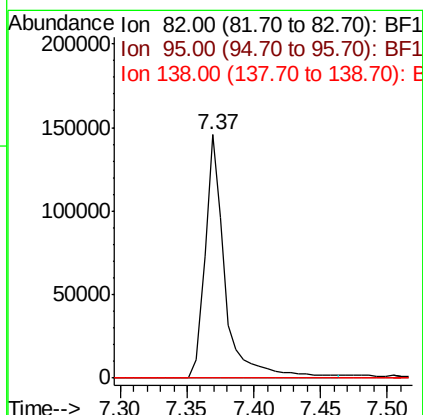
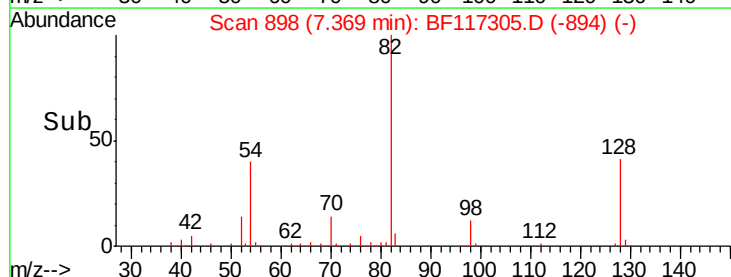
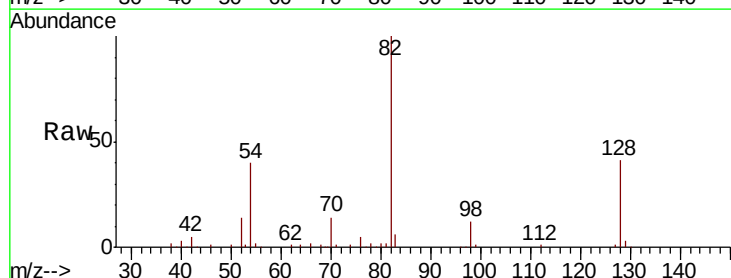
Instrument :
BNA_F
ClientSampleId :

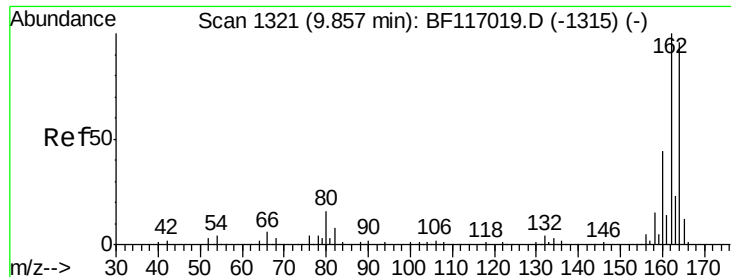
Tot Ion: 82 Resp: 151622
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 40.1 33.3 49.9



#25
Isophorone
Concen: 49.171 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

Tgt Ion: 82 Resp: 151620
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# 1319

Delta R.T. -0.01 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

Instrument :

BNA_F

ClientSampleId :

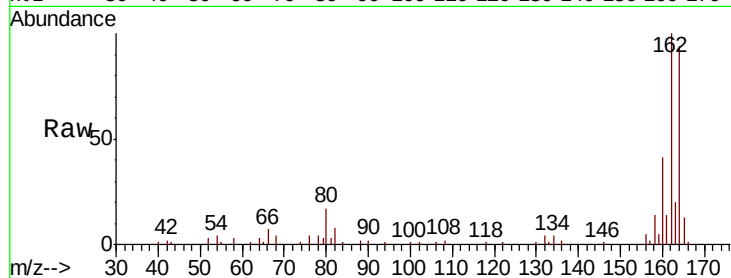
Tot Ion:164 Resp: 47828

Ion Ratio Lower Upper

164 100

162 106.7 83.4 125.2

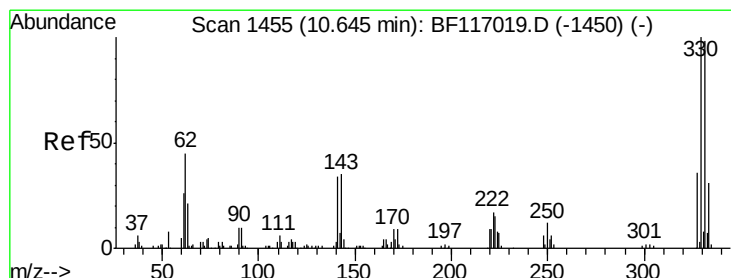
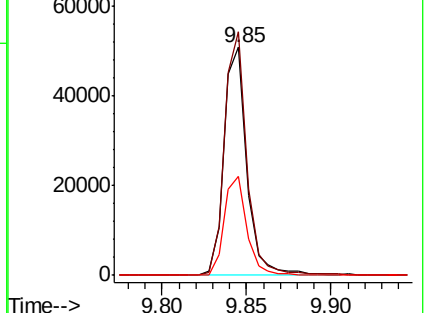
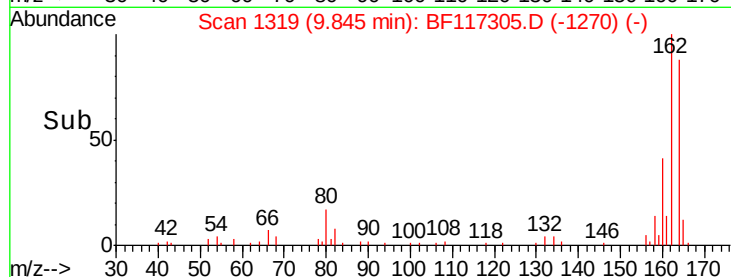
160 43.2 36.4 54.6



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: 141.785 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

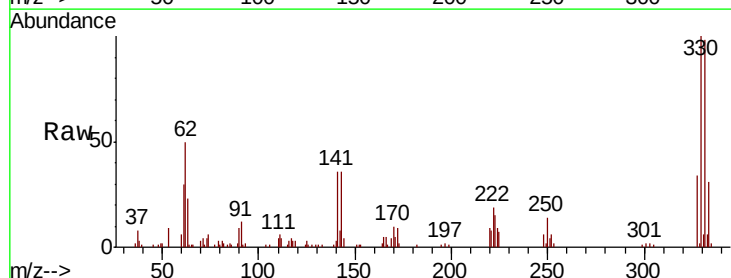
Tgt Ion:330 Resp: 56676

Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

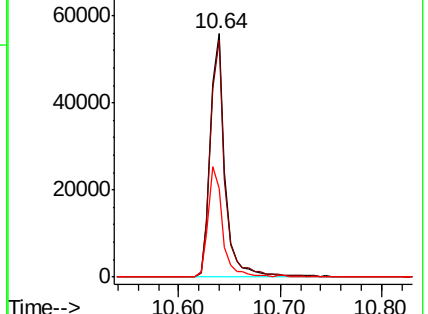
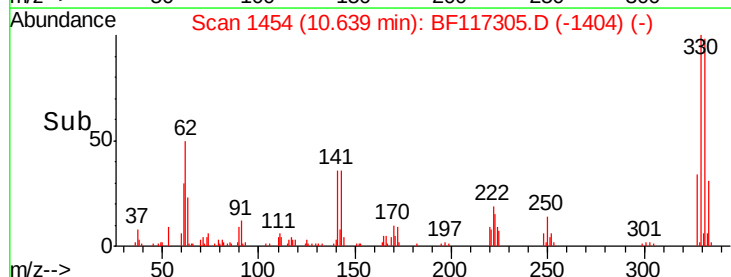
141 44.1 35.8 53.6

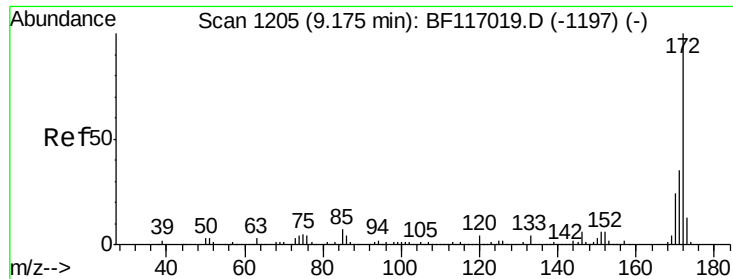


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

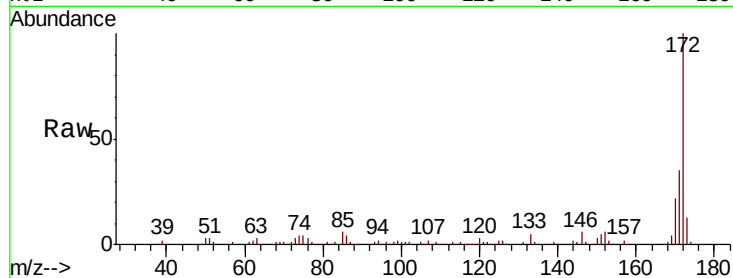




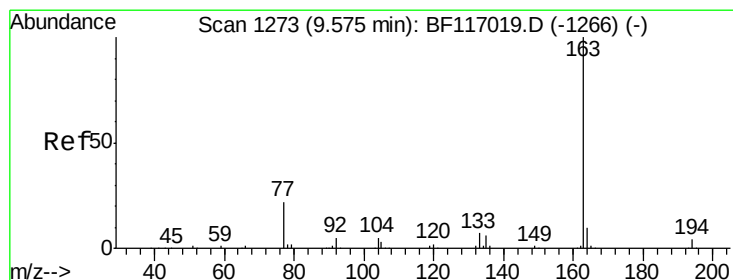
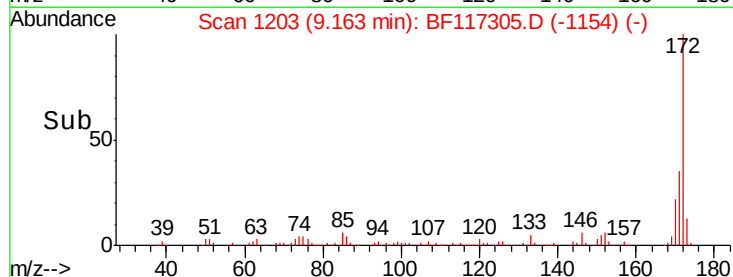
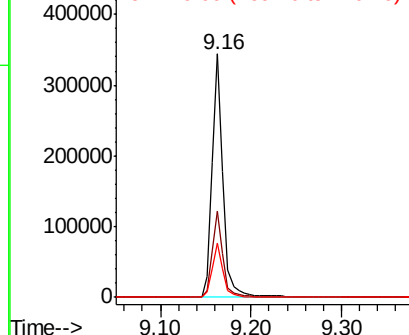
#45
2-Fluorobiphenyl
Concen: 97.182 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 297268
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.3 18.9 28.3

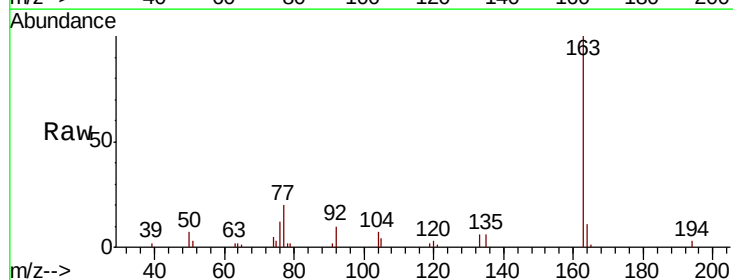


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

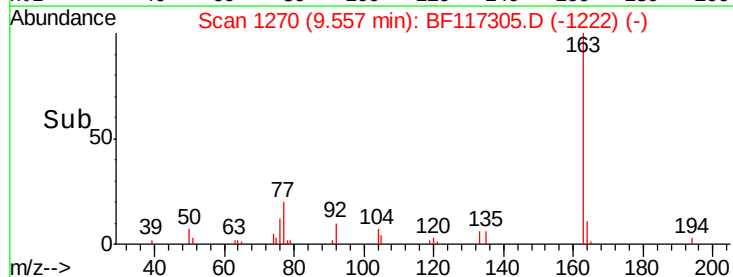
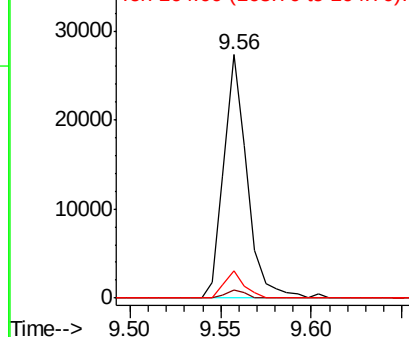


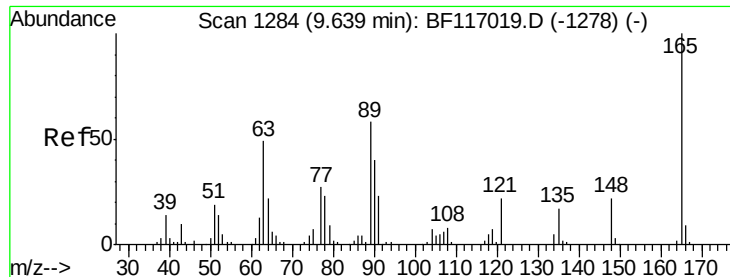
#50
Dimethylphthalate
Concen: 7.260 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

Tgt Ion:163 Resp: 24586
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 11.4 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: 8.751 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

Instrument :
BNA_F
ClientSampleId :

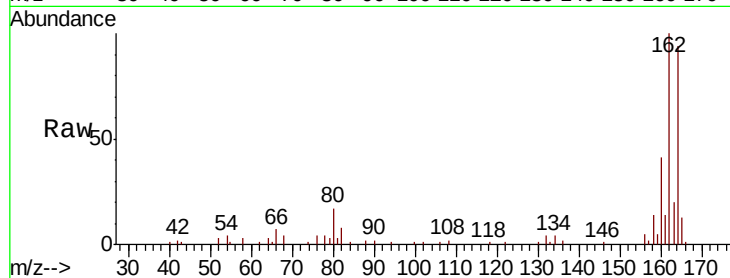
Tot Ion:165 Resp: 6036

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

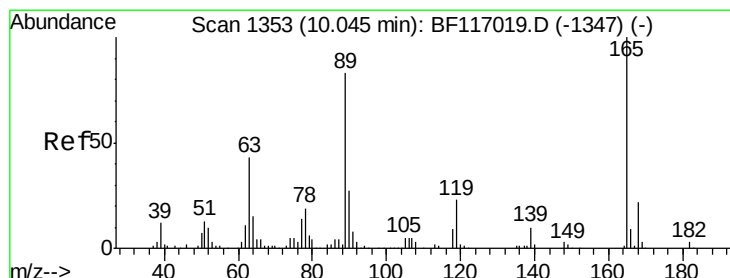
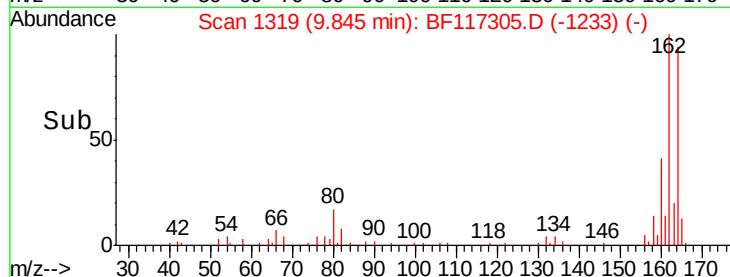
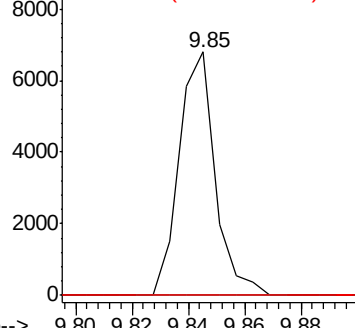
89 0.0 46.5 69.7#



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: 6.742 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

Tgt Ion:165 Resp: 6036

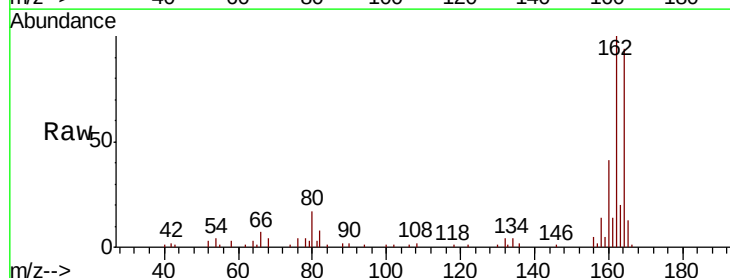
Ion Ratio Lower Upper

165 100

63 0.0 35.0 52.4#

89 0.0 66.1 99.1#

182 0.0 2.0 3.0#

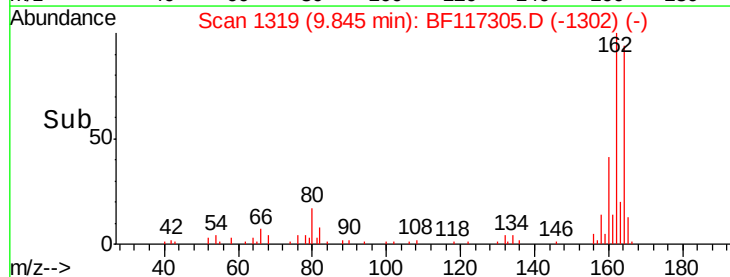
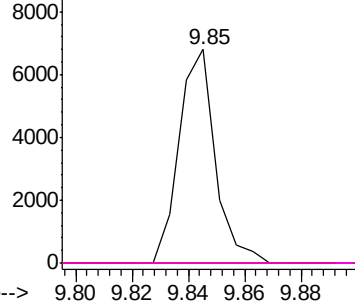


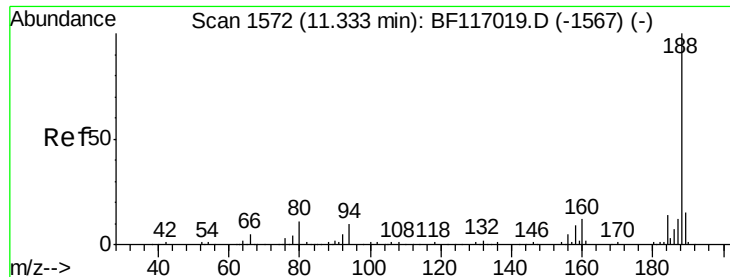
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF117305.D

Acq: 2 Oct 2019 17:47

Instrument :

BNA_F

ClientSampleId :

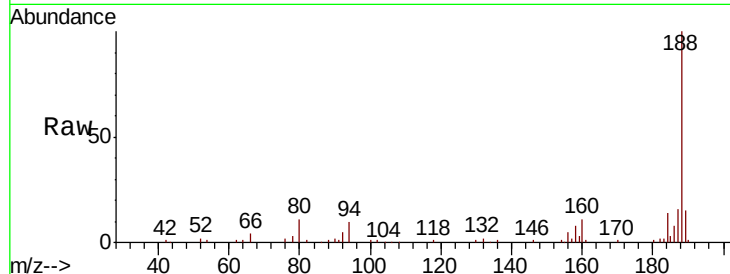
Tot Ion:188 Resp: 78483

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

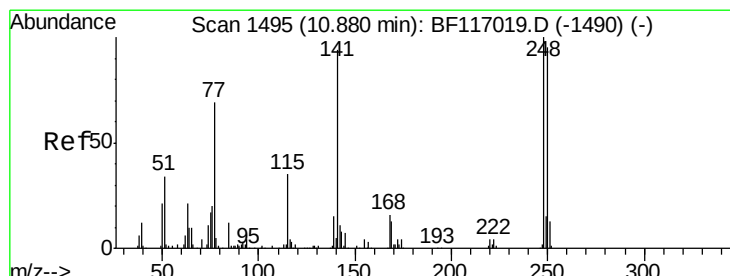
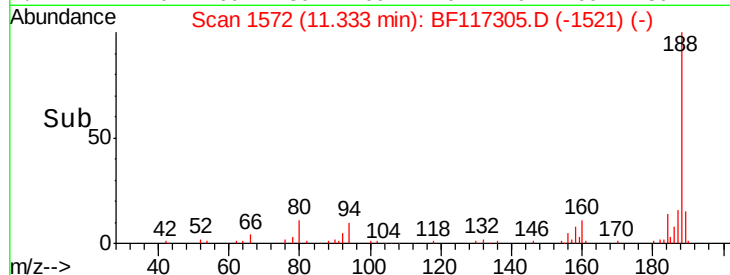
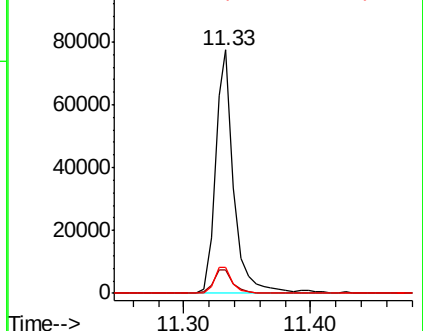
80 10.6 9.0 13.6



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: 4.591 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF117305.D

Acq: 2 Oct 2019 17:47

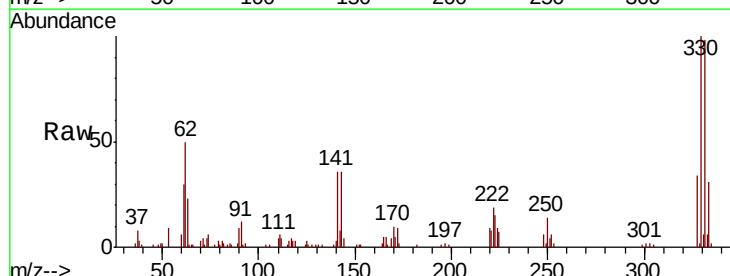
Tgt Ion:248 Resp: 3680

Ion Ratio Lower Upper

248 100

250 209.1 76.2 114.4#

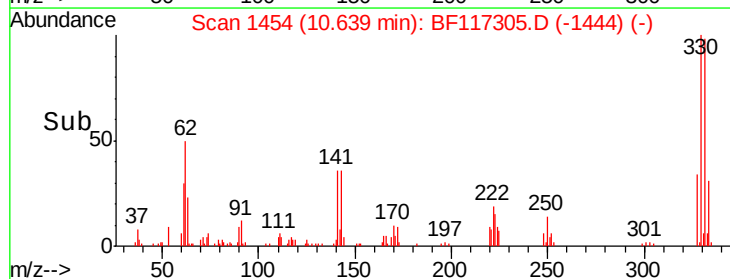
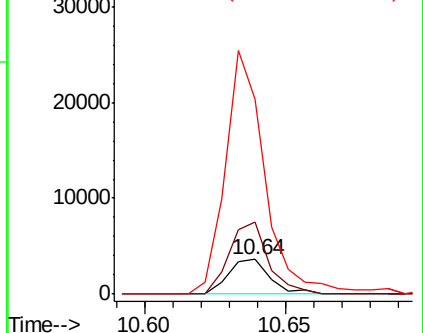
141 563.5 75.0 112.4#

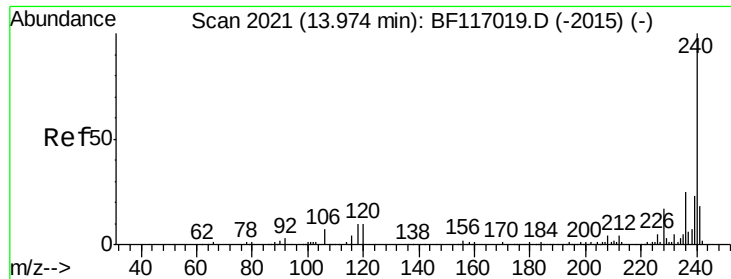


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

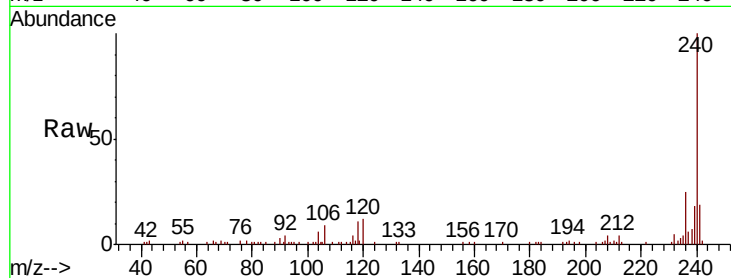




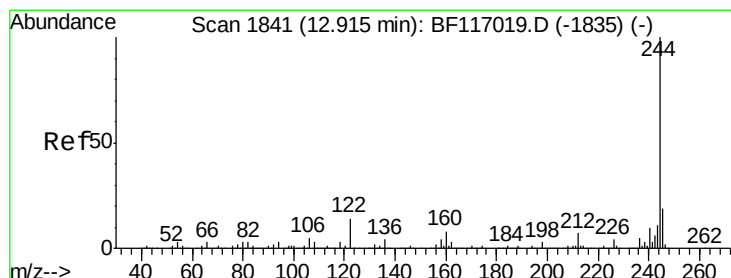
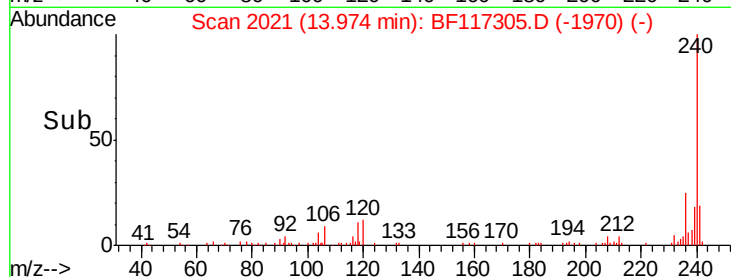
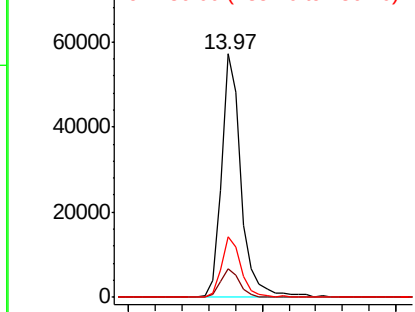
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 59176
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.0 20.3 30.5

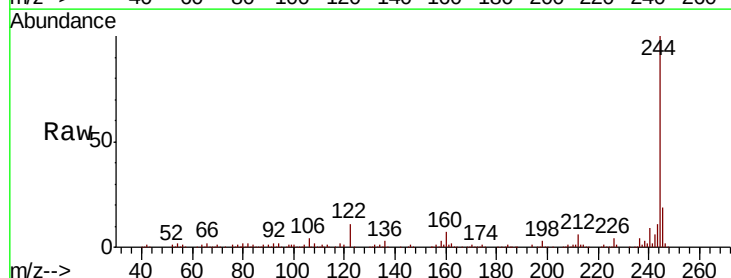


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

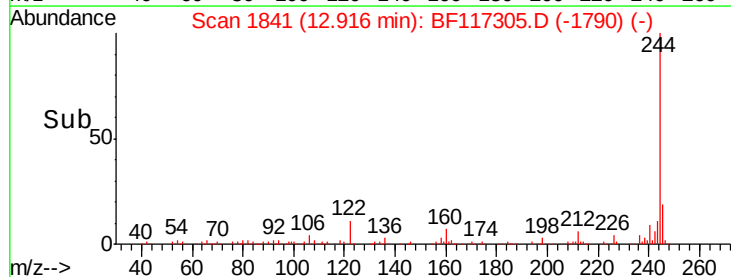
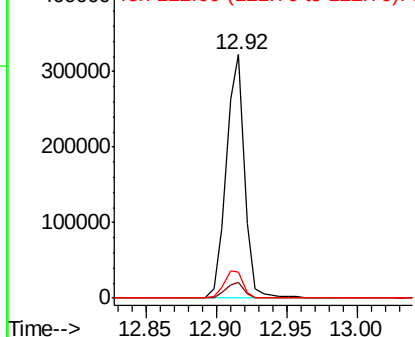


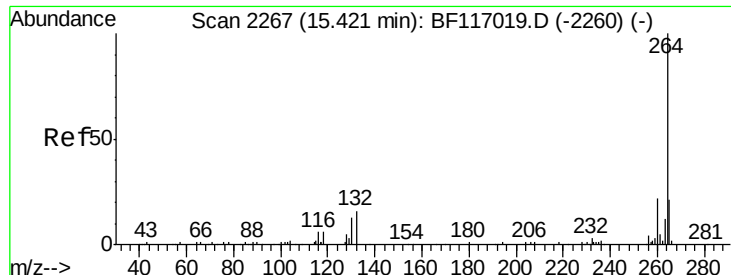
#79
Terphenyl-d14
Concen: 91.490 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117305.D
Acq: 2 Oct 2019 17:47

Tgt Ion:244 Resp: 289640
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.8
122 10.7 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

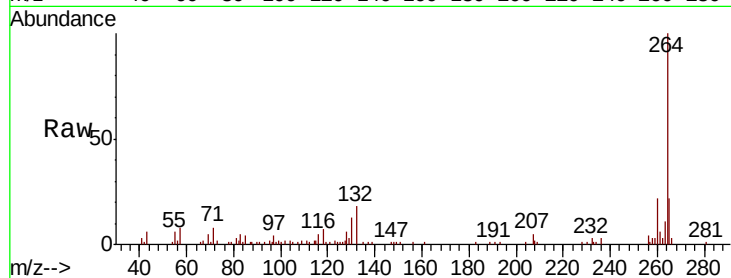




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117305.D
 Acq: 2 Oct 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 48222
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.6 26.4
 265 22.2 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

