

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117654.D
 Acq On : 31 Oct 2019 13:31
 Operator : JU
 Sample : K5541-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 18:41:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

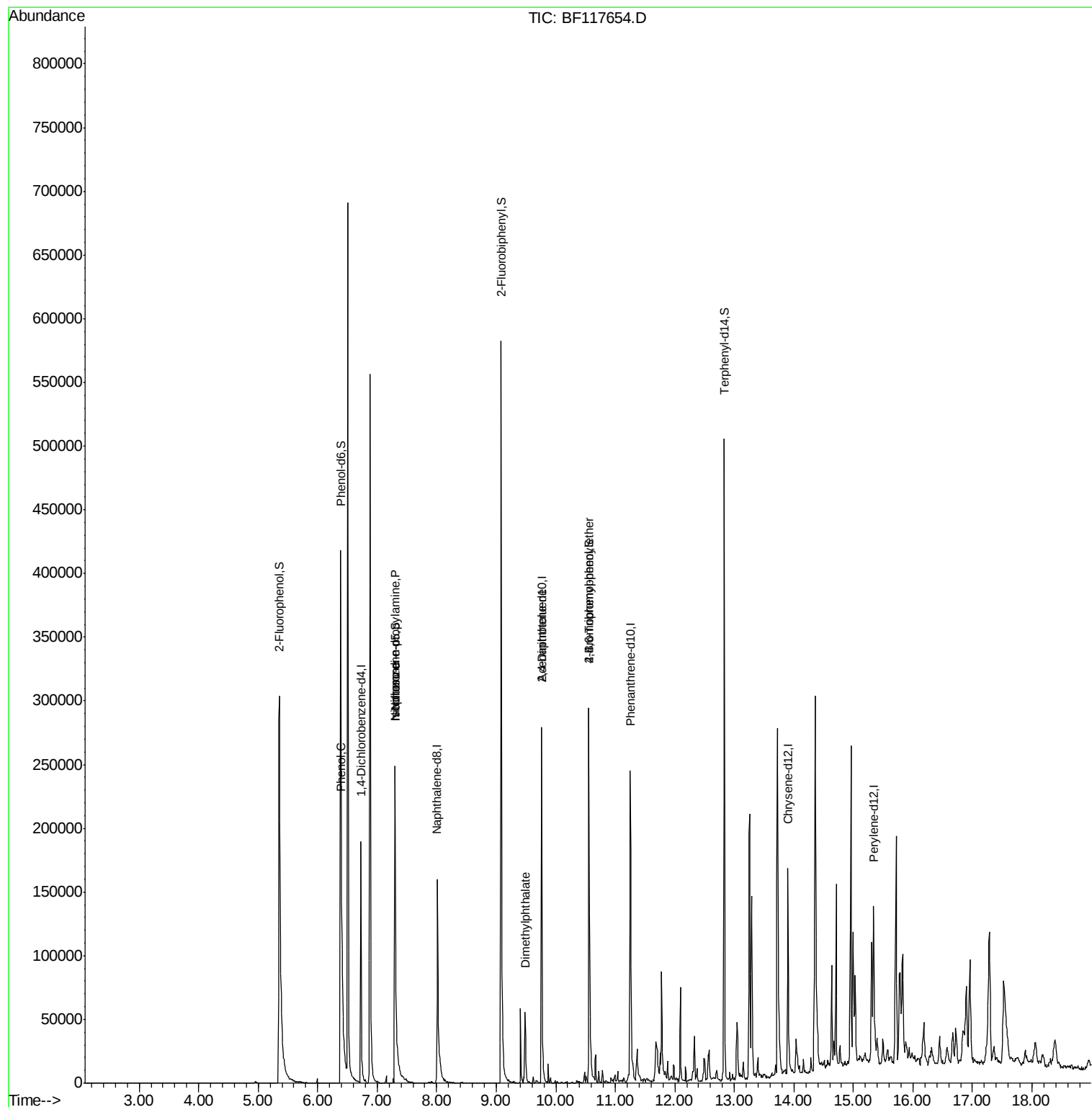
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	32717	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	135910	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	69078	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	114570	20.00	ng	0.00
76) Chrysene-d12	13.90	240	65382	20.00	ng	0.00
87) Perylene-d12	15.34	264	66551	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	184261	83.79	ng	0.00
7) Phenol-d6	6.39	99	264238	89.46	ng	0.00
23) Nitrobenzene-d5	7.30	82	161540	58.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	43796	73.27	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	229870	46.89	ng	-0.01
79) Terphenyl-d14	12.83	244	167581	41.81	ng	0.00
Target Compounds						
10) Phenol	6.40	94	10840	3.596	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	20195	11.195	ng	# 76
25) Isophorone	7.30	82	161539	33.919	ng	# 65
50) Dimethylphthalate	9.49	163	33789	6.861	ng	# 98
57) 2,4-Dinitrotoluene	9.76	165	8922	6.530	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	2664	2.159	ng	# 1
77) Benzidine	12.83	184	2307	Below Cal	#	69

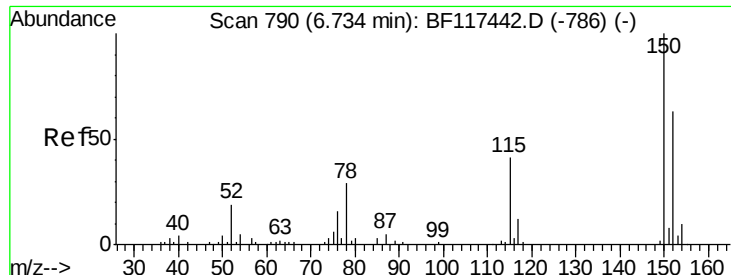
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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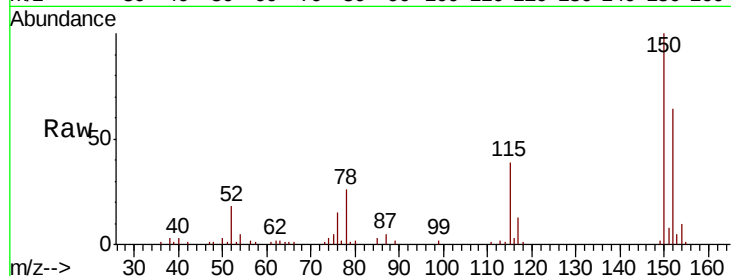


#1

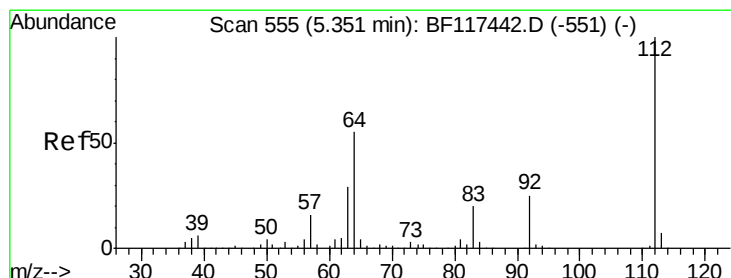
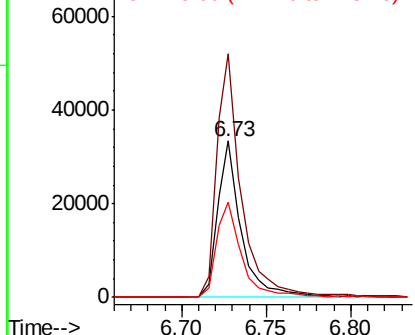
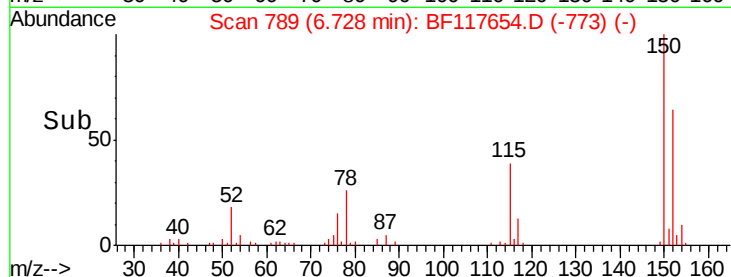
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32717
Ion Ratio Lower Upper
152 100
150 155.6 126.8 190.2
115 61.0 51.6 77.4



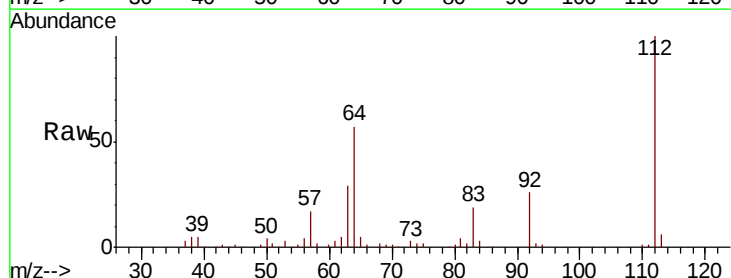
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



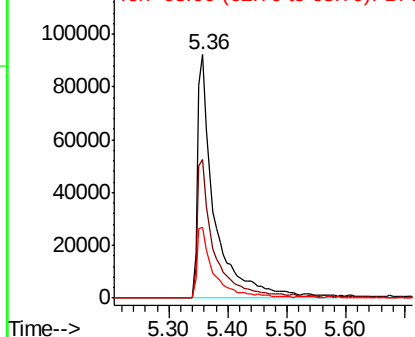
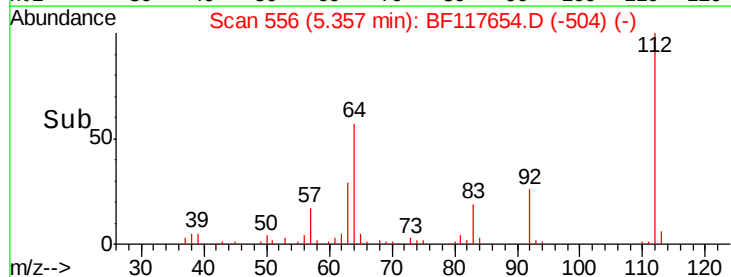
#5

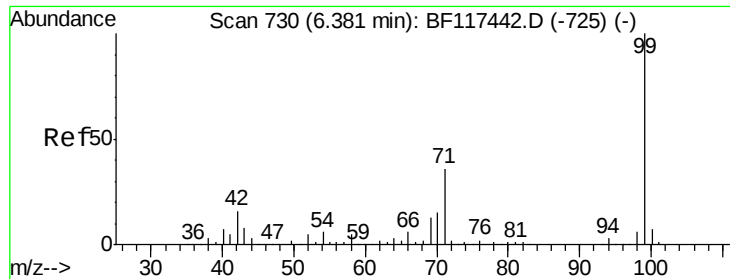
2-Fluorophenol
Concen: 83.787 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion:112 Resp: 184261
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 29.2 23.4 35.2



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: 89.459 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

Instrument :

BNA_F

ClientSampleId :

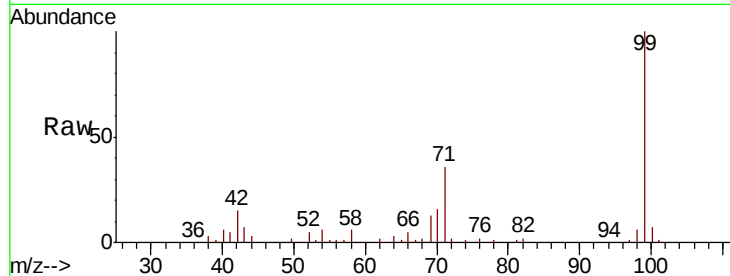
Tot Ion: 99 Resp: 264238

Ion Ratio Lower Upper

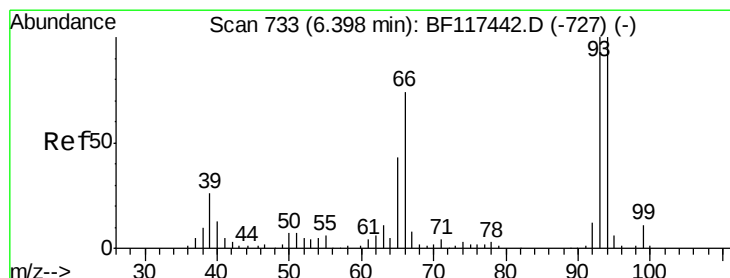
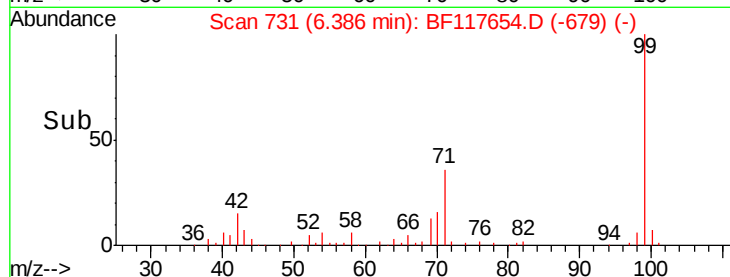
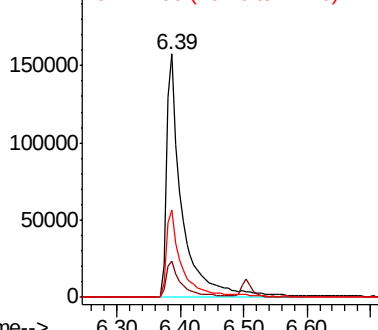
99 100

42 15.0 12.8 19.2

71 35.7 28.6 43.0



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



#10

Phenol

Concen: 3.596 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

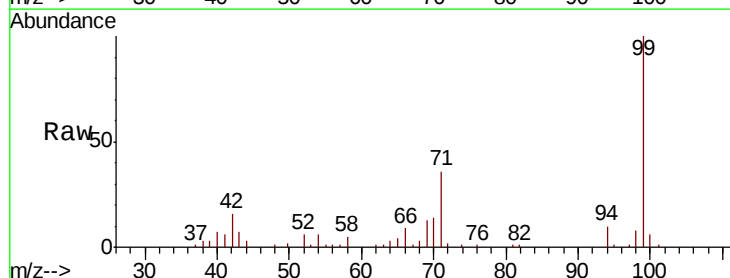
Tgt Ion: 94 Resp: 10840

Ion Ratio Lower Upper

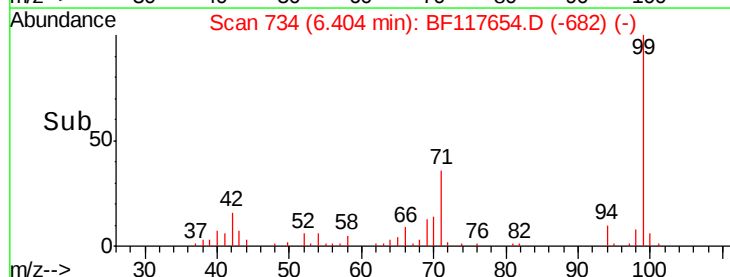
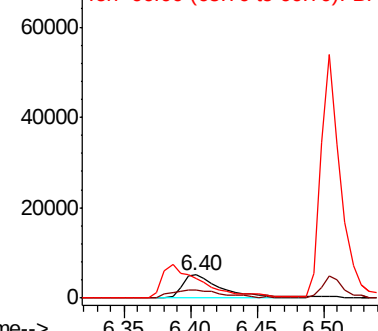
94 100

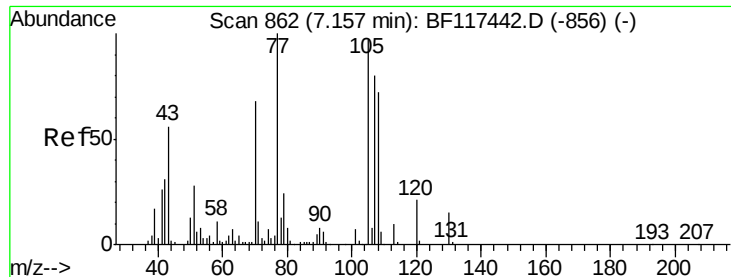
65 37.6 23.4 63.4

66 82.5 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

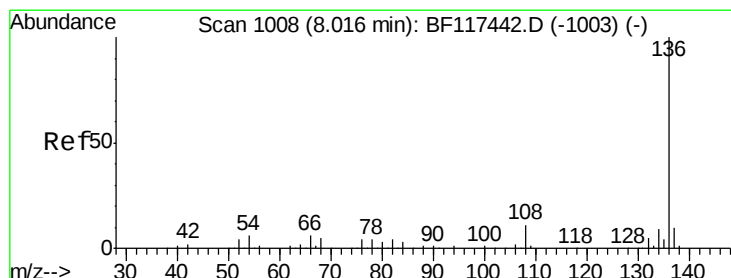
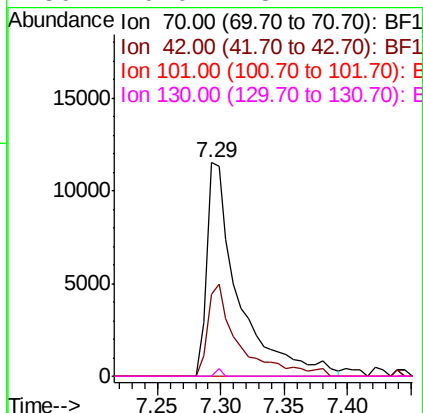
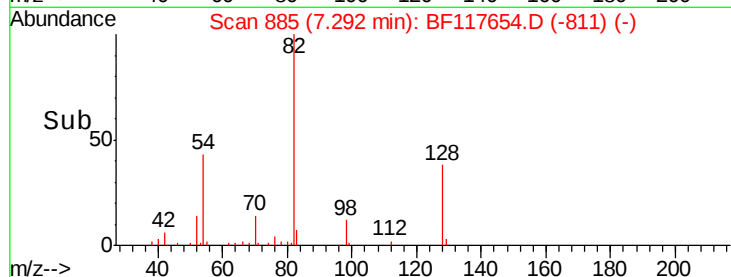
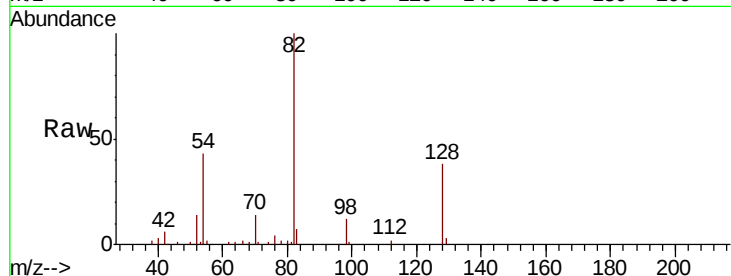




#19
n-Nitroso-di-n-propylamine
Concen: 11.195 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

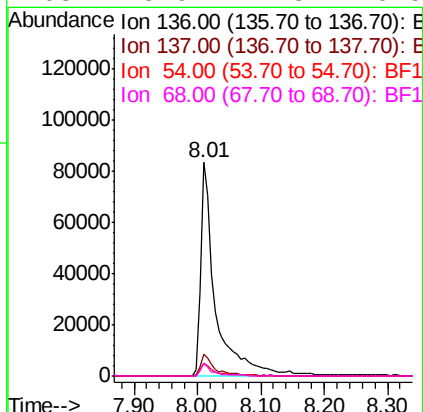
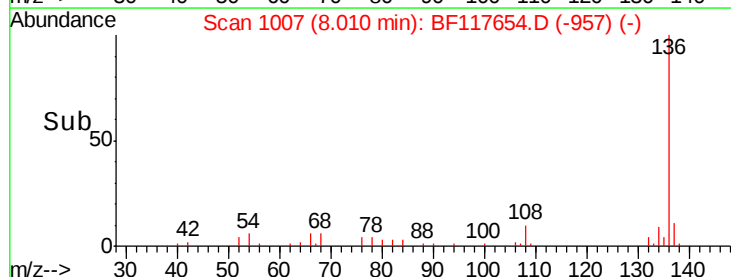
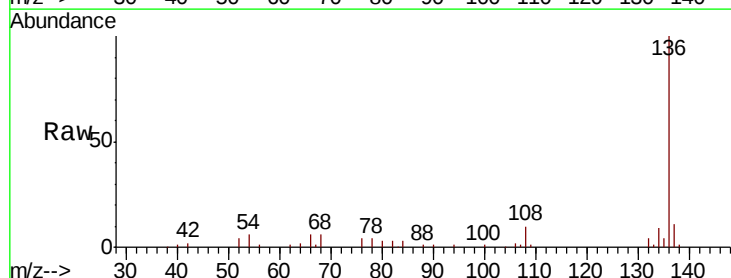
Instrument :
BNA_F
ClientSampleId :

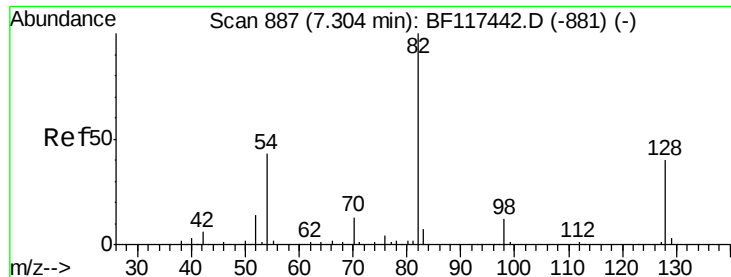
Tot Ion: 70 Resp: 20195
Ion Ratio Lower Upper
70 100
42 38.5 36.7 55.1
101 0.0 8.3 12.5#
130 0.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion:136 Resp: 135910
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 6.3 4.5 6.7
68 5.9 4.3 6.5

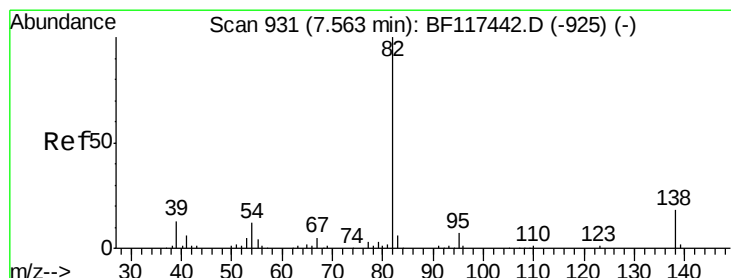
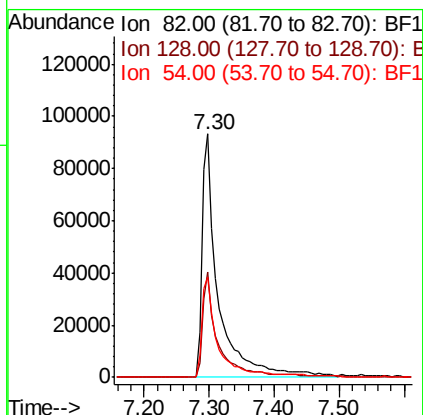
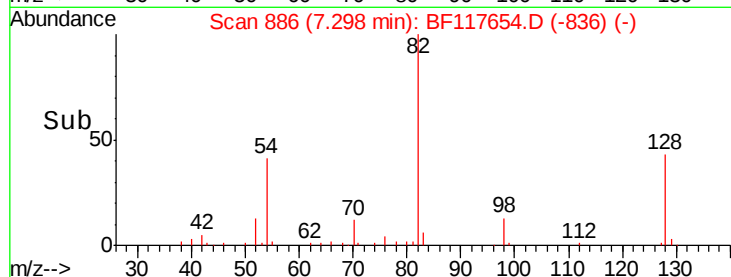
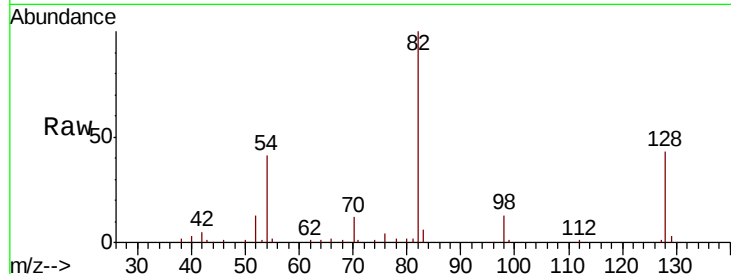




#23
Nitrobenzene-d5
Concen: 58.678 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

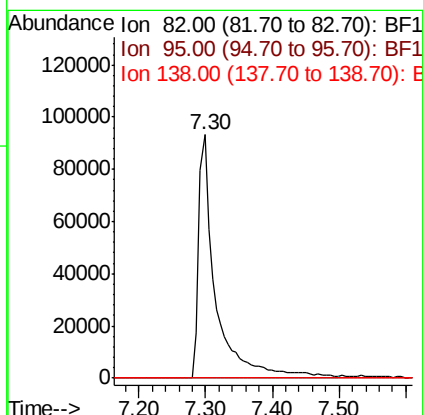
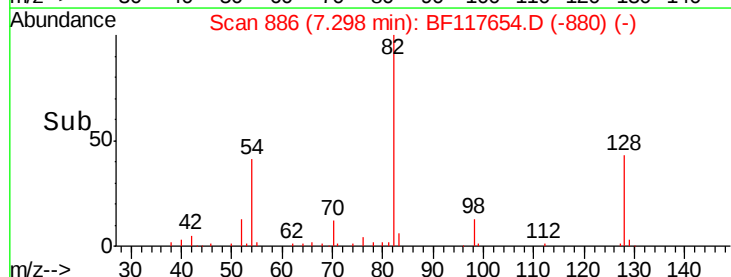
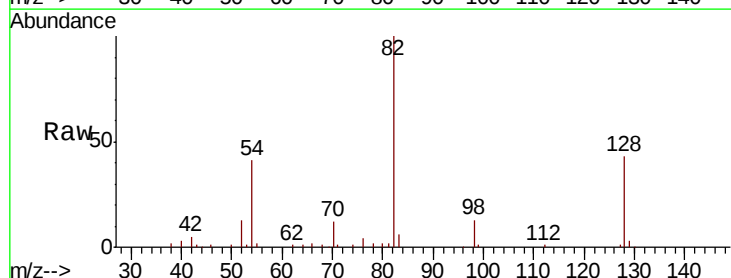
Instrument :
BNA_F
ClientSampleId :

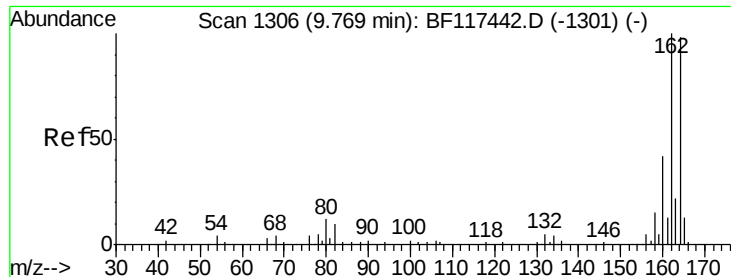
Tot Ion: 82 Resp: 161540
Ion Ratio Lower Upper
82 100
128 43.3 32.2 48.2
54 41.2 34.2 51.2



#25
Isophorone
Concen: 33.919 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion: 82 Resp: 161539
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

Instrument :

BNA_F

ClientSampleId :

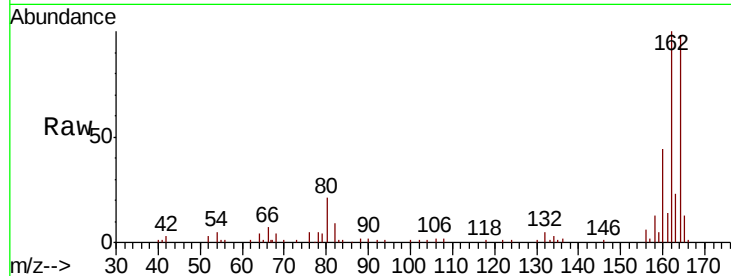
Tot Ion:164 Resp: 69078

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

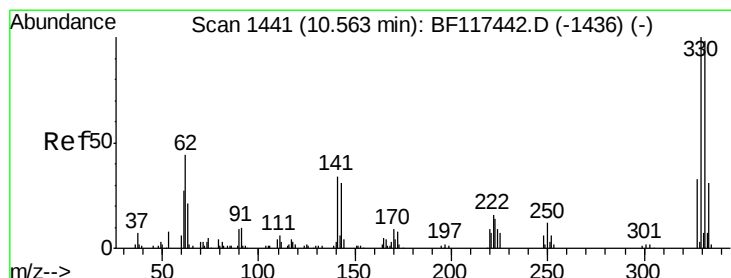
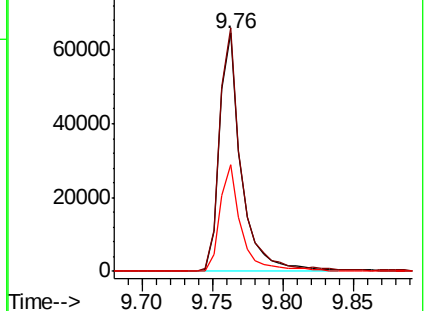
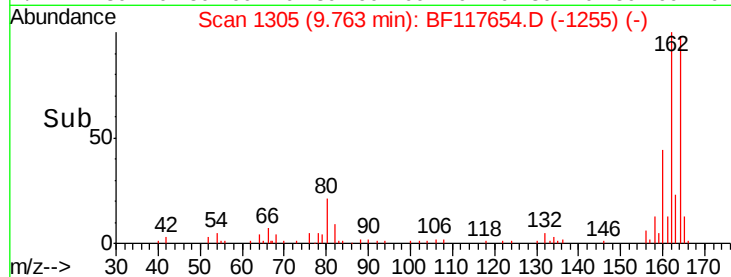
160 44.7 34.4 51.6



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: 73.274 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

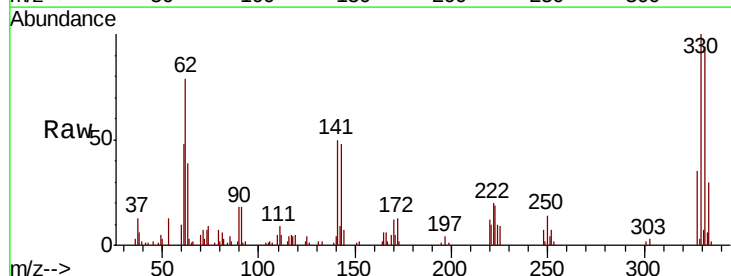
Tgt Ion:330 Resp: 43796

Ion Ratio Lower Upper

330 100

332 93.2 78.5 117.7

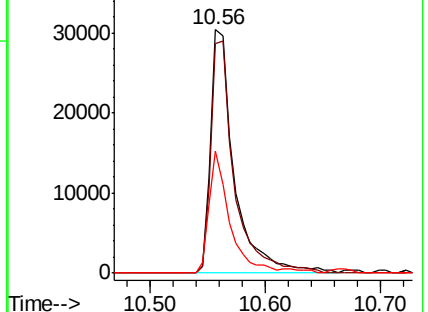
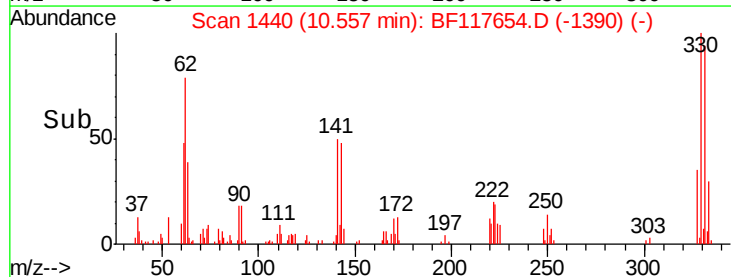
141 44.5 37.0 55.6

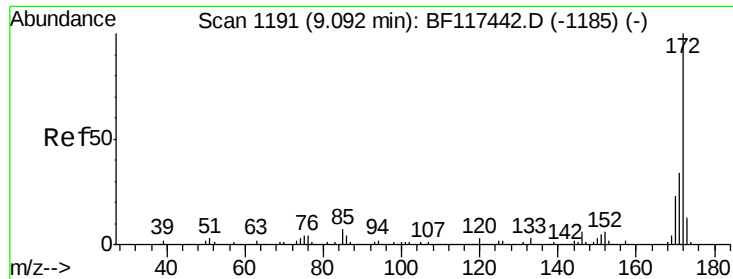


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

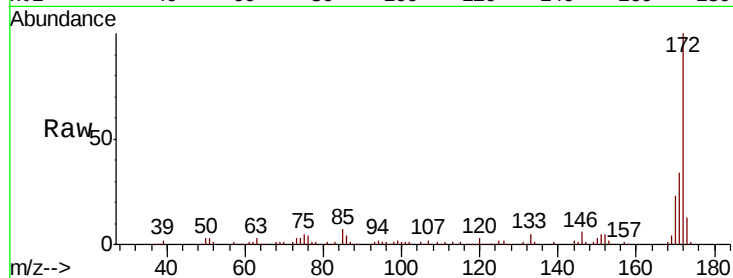




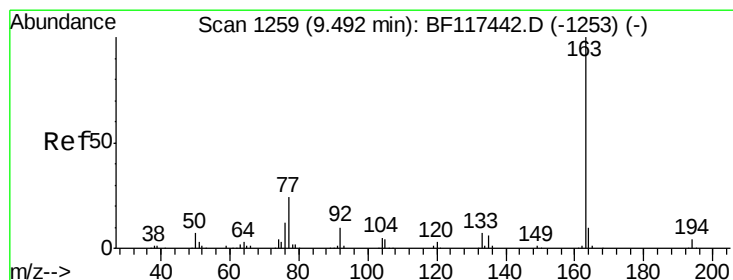
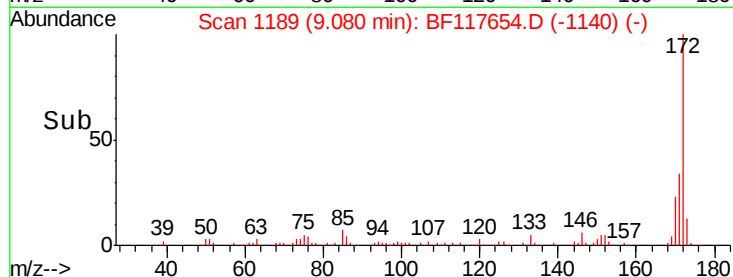
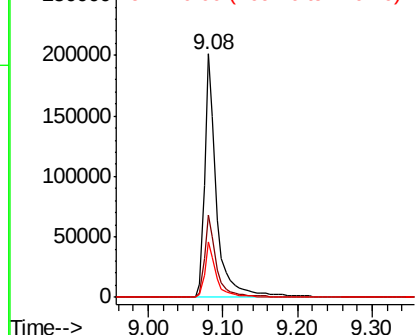
#45
2-Fluorobiphenyl
Concen: 46.887 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 229870
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 22.7 18.6 27.8

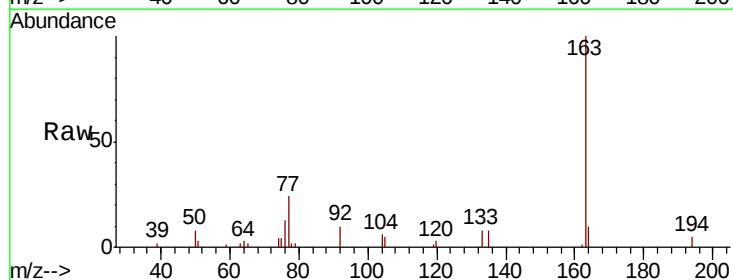


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

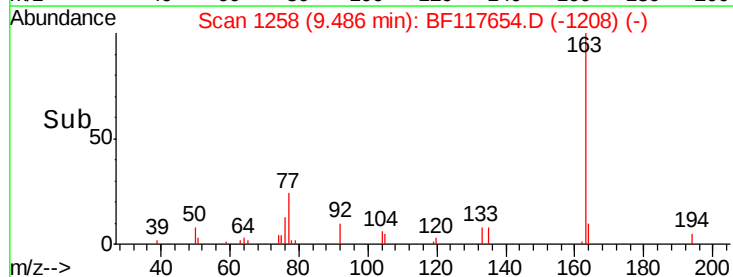
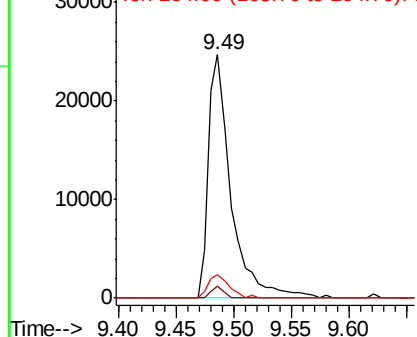


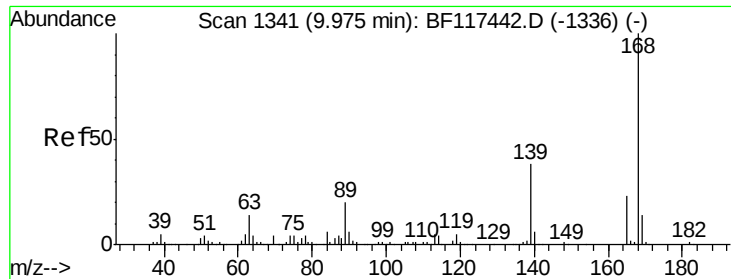
#50
Dimethylphthalate
Concen: 6.861 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion:163 Resp: 33789
Ion Ratio Lower Upper
163 100
194 5.0 2.9 4.3#
164 9.6 8.2 12.2



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

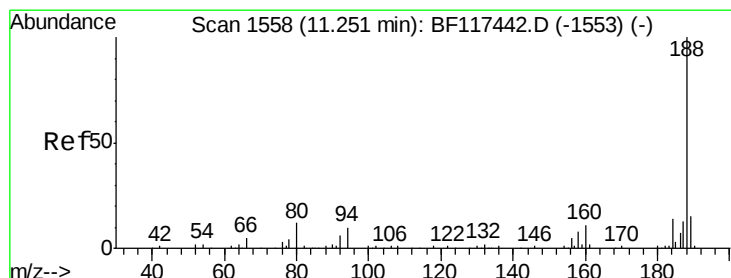
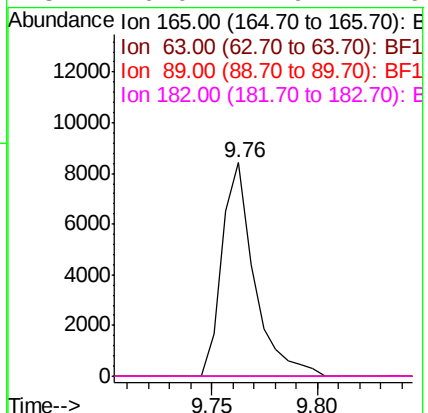
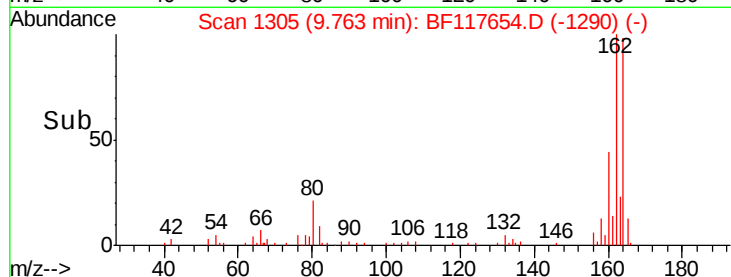
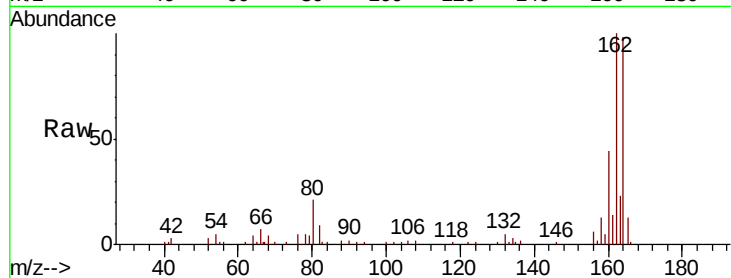




#57
 2,4-Dinitrotoluene
 Concen: 6.530 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117654.D
 Acq: 31 Oct 2019 13:31

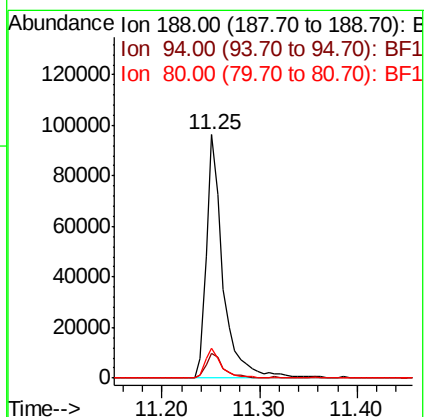
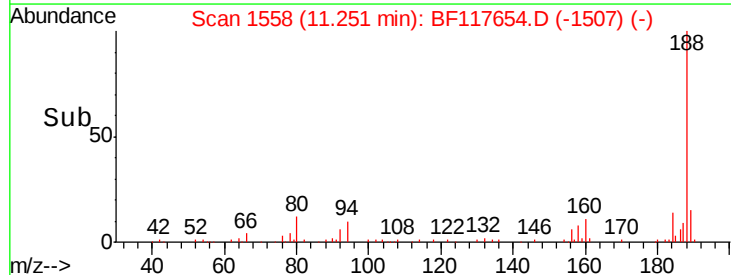
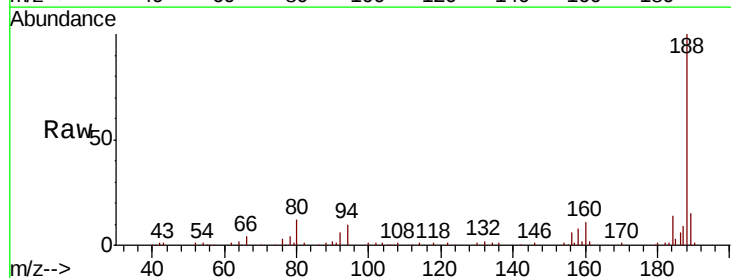
Instrument :
 BNA_F
 ClientSampleId :

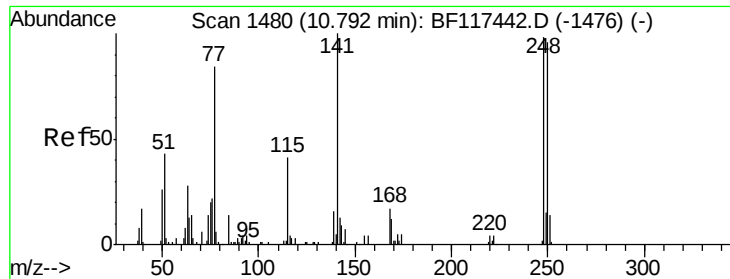
Tot Ion:165 Resp: 8922
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117654.D
 Acq: 31 Oct 2019 13:31

Tgt Ion:188 Resp: 114570
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.0 12.0
 80 12.4 9.5 14.3





#67

4-Bromophenyl-phenylether

Concen: 2.159 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.23 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

Instrument :

BNA_F

ClientSampleId :

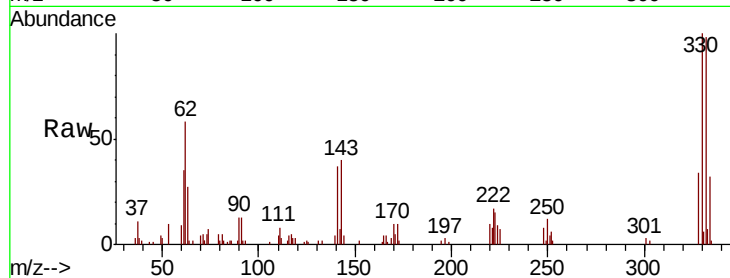
Tot Ion:248 Resp: 2664

Ion Ratio Lower Upper

248 100

250 152.4 78.0 117.0#

141 460.9 81.7 122.5#

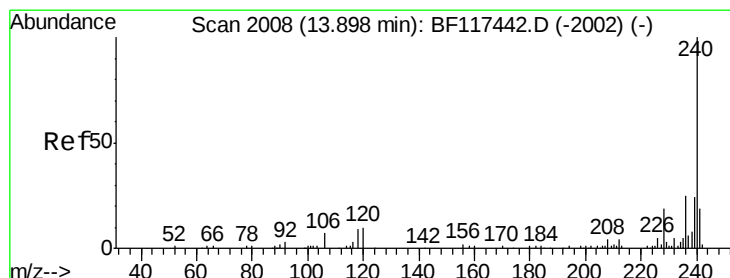
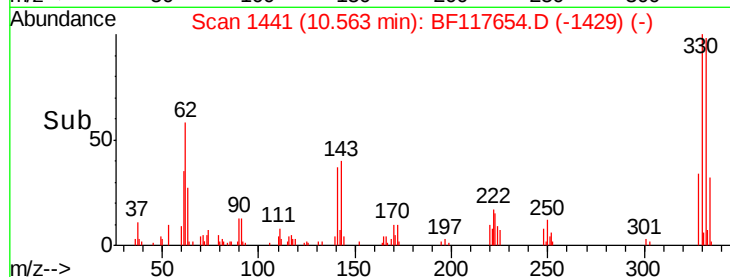
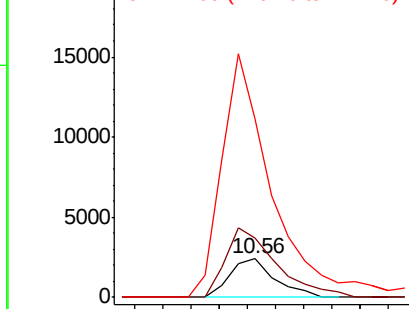


Abundance

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: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

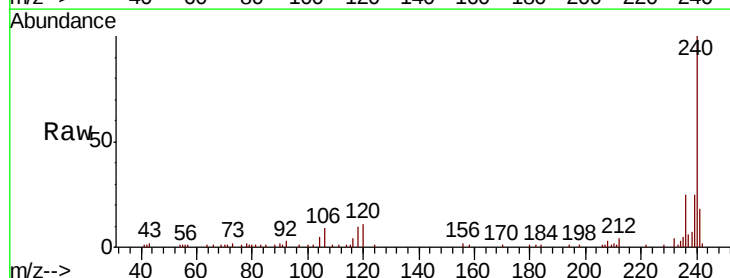
Tgt Ion:240 Resp: 65382

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

236 24.9 20.0 30.0

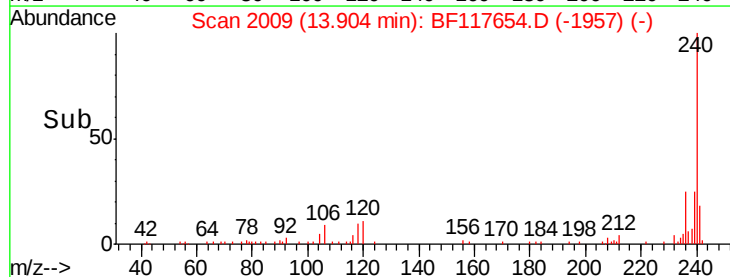
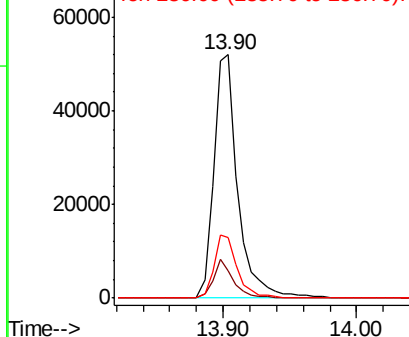


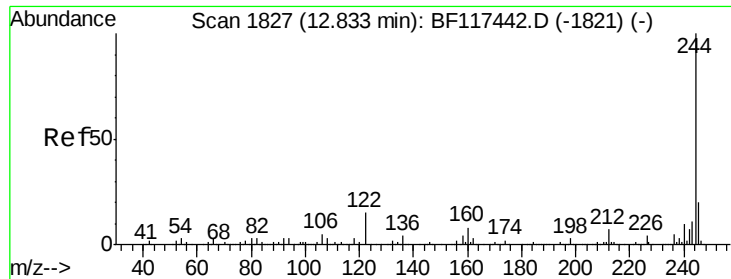
Abundance

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

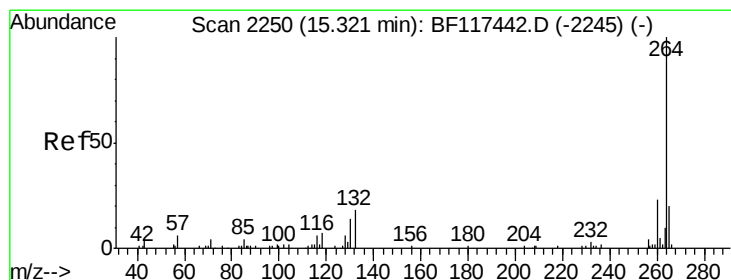
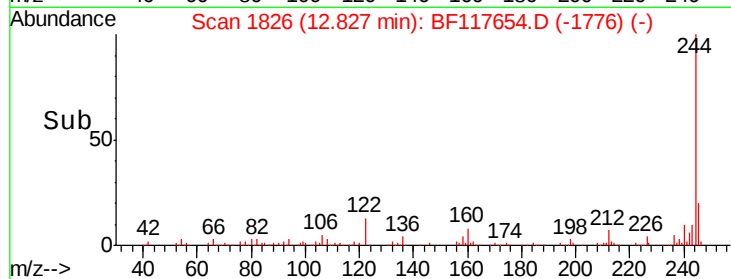
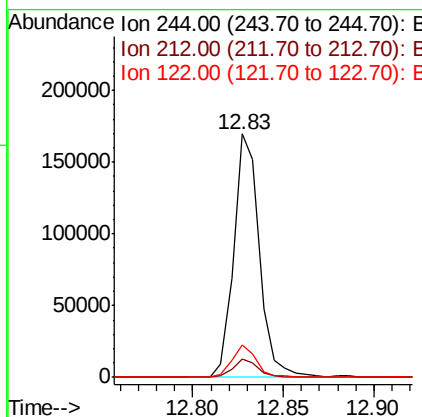
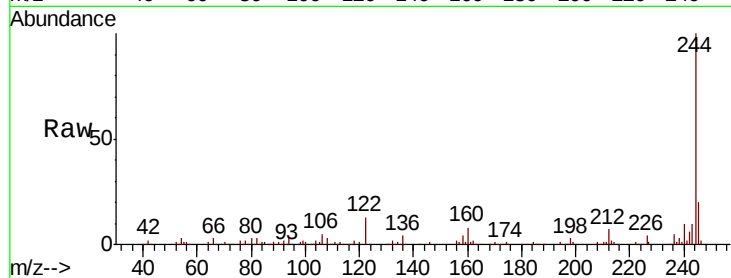




#79
 Terphenyl-d14
 Concen: 41.807 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117654.D
 Acq: 31 Oct 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 167581
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 13.4 11.8 17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117654.D
 Acq: 31 Oct 2019 13:31

Tgt Ion:264 Resp: 66551
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.3 16.1 24.1

