

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117663.D
 Acq On : 31 Oct 2019 17:32
 Operator : JU
 Sample : K5541-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 01:21:54 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	39296	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	162085	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81127	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	118756	20.00	ng	0.00
76) Chrysene-d12	13.90	240	73728	20.00	ng	0.00
87) Perylene-d12	15.34	264	67757	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	172973	65.49	ng	0.00
7) Phenol-d6	6.39	99	253823	71.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	155961	47.50	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	40907	58.28	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	217612	37.79	ng	-0.01
79) Terphenyl-d14	12.83	244	153659	33.99	ng	0.00

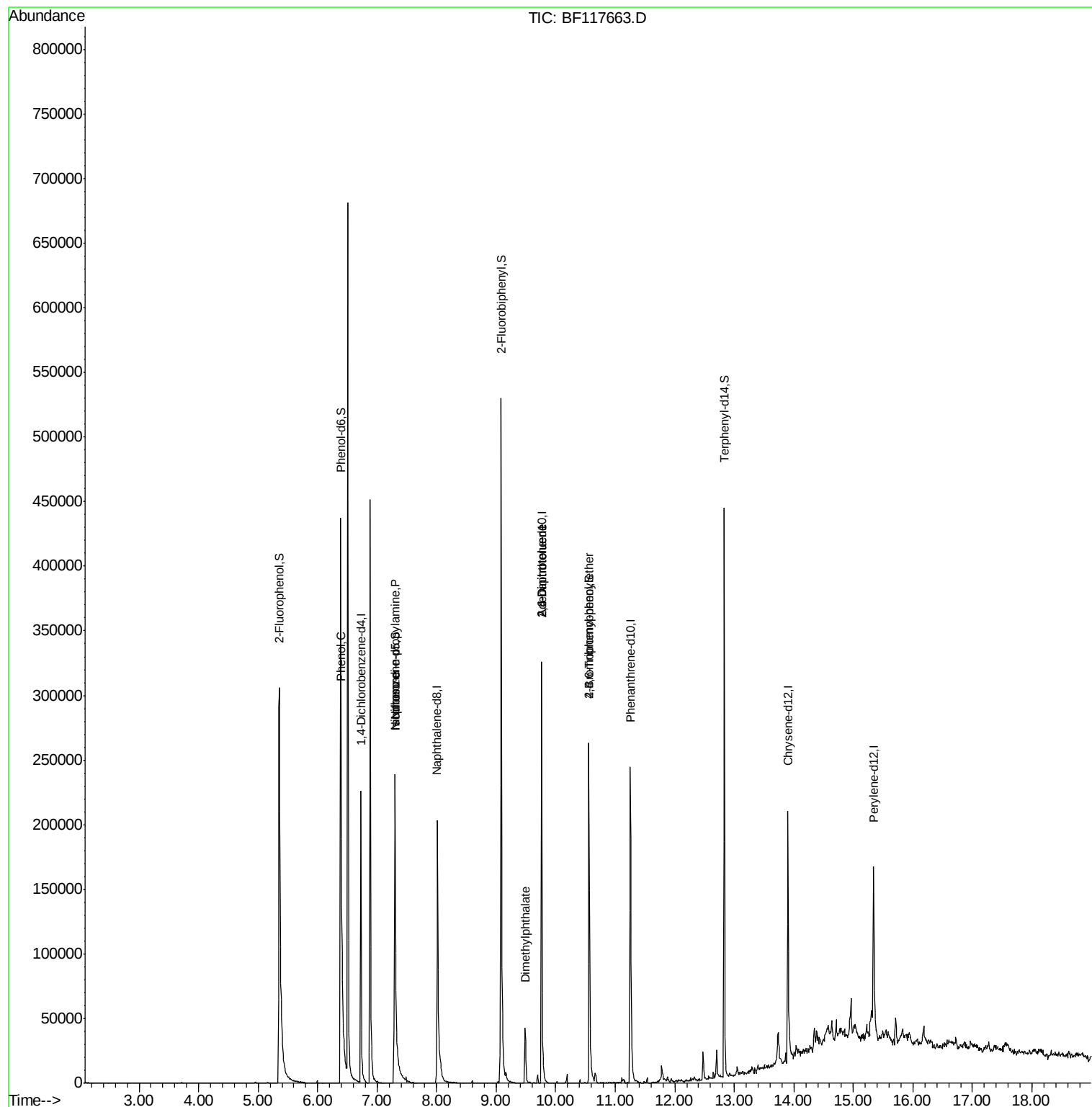
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	4749	Below Cal	#	77
10) Phenol	6.40	94	11000	3.038 ng	#	83
19) n-Nitroso-di-n-propylamine	7.30	70	19100	8.816 ng	#	82
25) Isophorone	7.30	82	155961	27.459 ng	#	65
50) Dimethylphthalate	9.49	163	27191	4.701 ng		98
51) 2,6-Dinitrotoluene	9.76	165	9630	7.979 ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	9630	6.002 ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	2586	2.022 ng	#	1
77) Benzidine	12.83	184	2078	Below Cal	#	73

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

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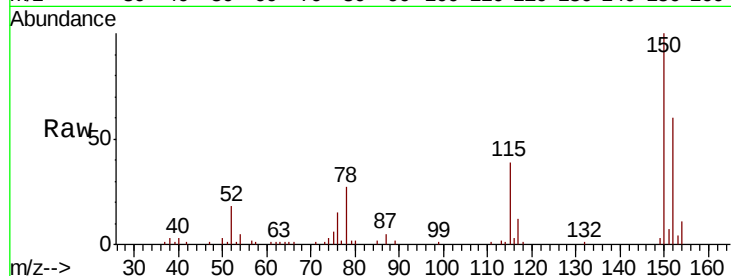


#1

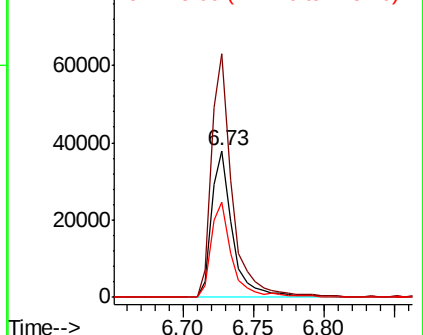
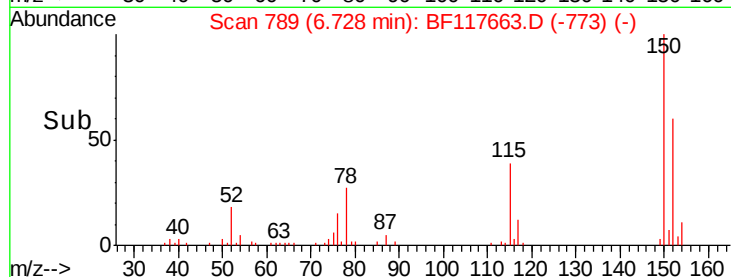
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 39296
Ion Ratio Lower Upper
152 100
150 166.0 126.8 190.2
115 65.1 51.6 77.4



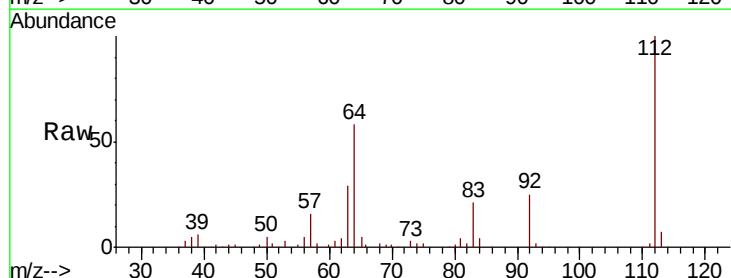
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



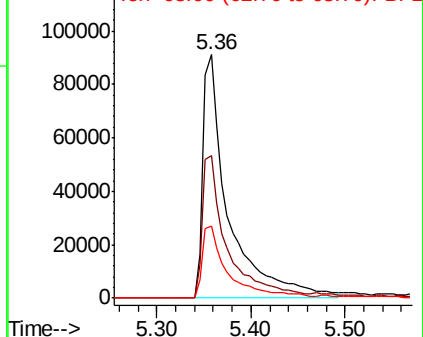
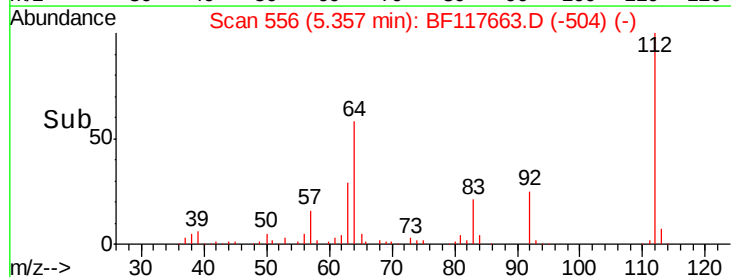
#5

2-Fluorophenol
Concen: 65.486 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion:112 Resp: 172973
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 29.4 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: 71.546 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

Instrument :

BNA_F

ClientSampleId :

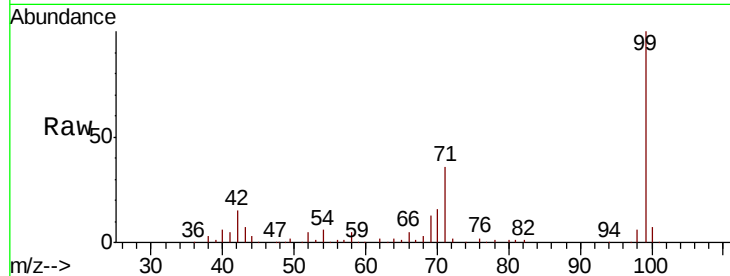
Tot Ion: 99 Resp: 253823

Ion Ratio Lower Upper

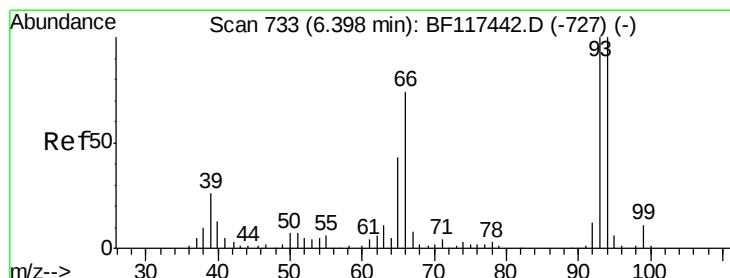
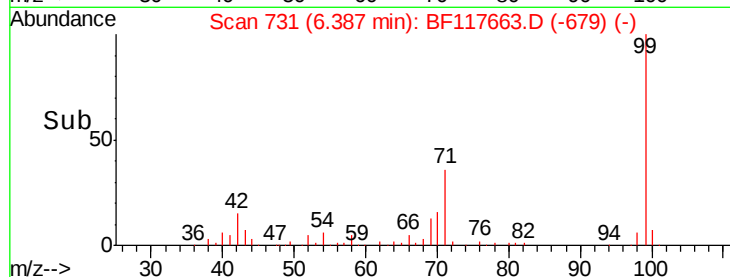
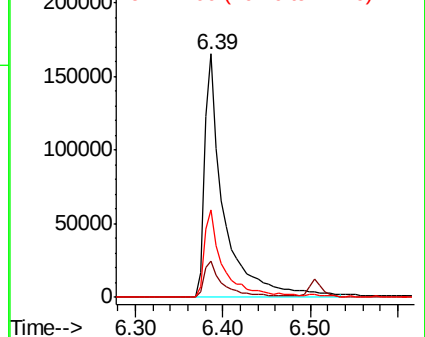
99 100

42 14.7 12.8 19.2

71 36.1 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: 3.038 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

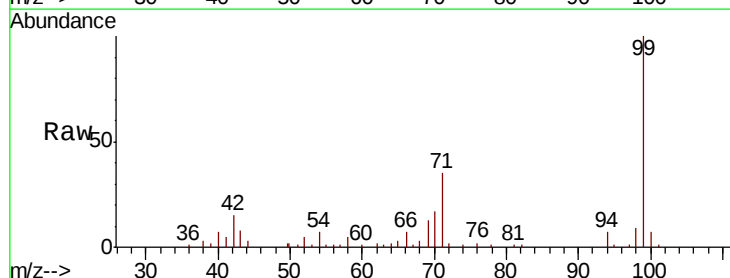
Tgt Ion: 94 Resp: 11000

Ion Ratio Lower Upper

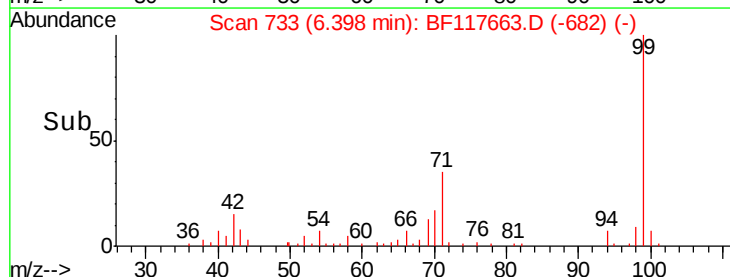
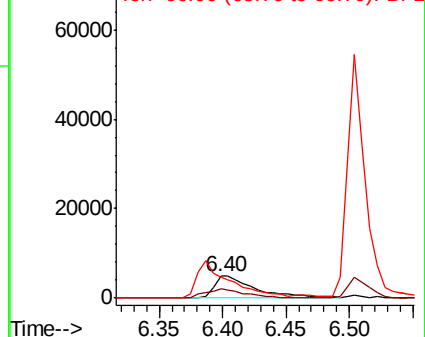
94 100

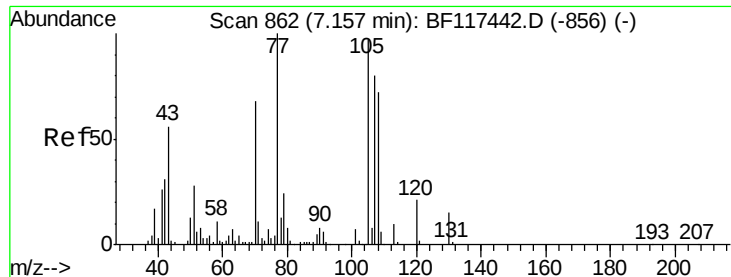
65 40.4 23.4 63.4

66 95.3 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

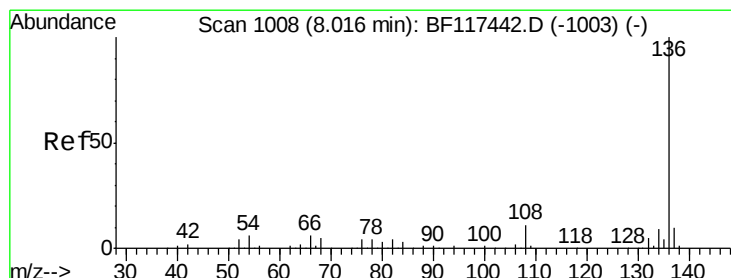
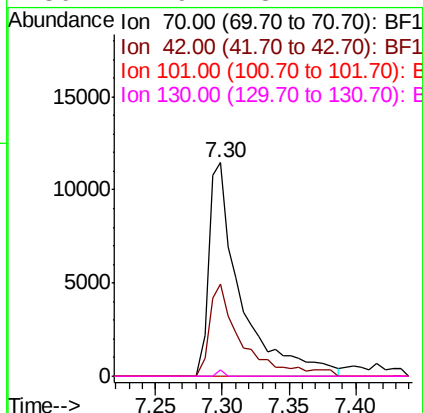
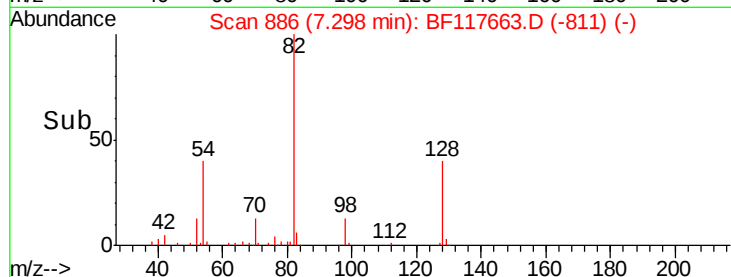
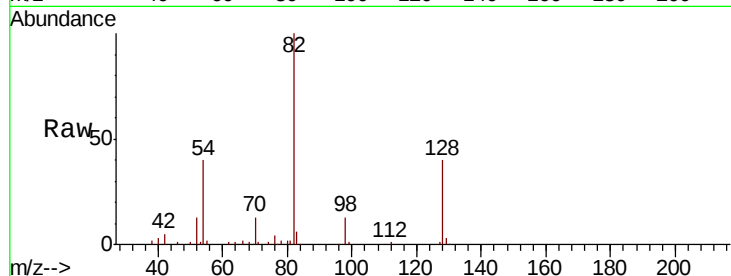




#19
n-Nitroso-di-n-propylamine
Concen: 8.816 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

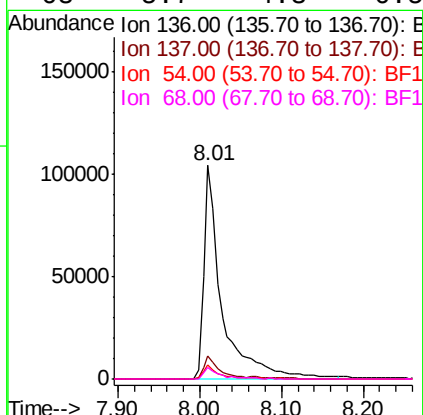
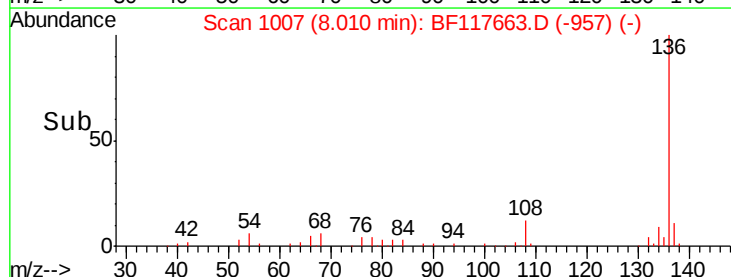
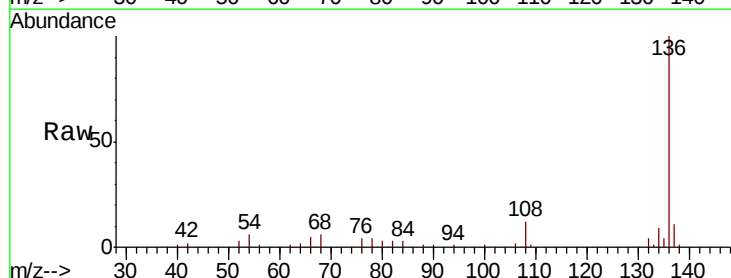
Instrument :
BNA_F
ClientSampleId :

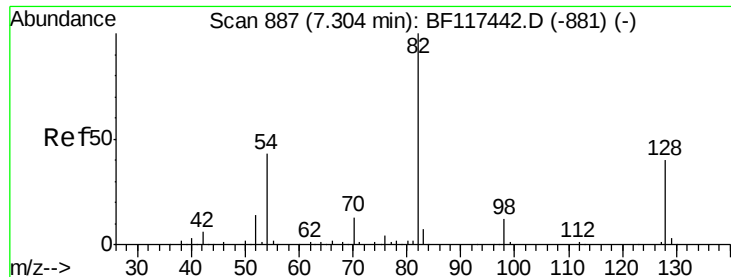
Tot Ion: 70 Resp: 19100
Ion Ratio Lower Upper
70 100
42 43.0 36.7 55.1
101 0.0 8.3 12.5#
130 2.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion:136 Resp: 162085
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 6.3 4.5 6.7
68 5.7 4.3 6.5

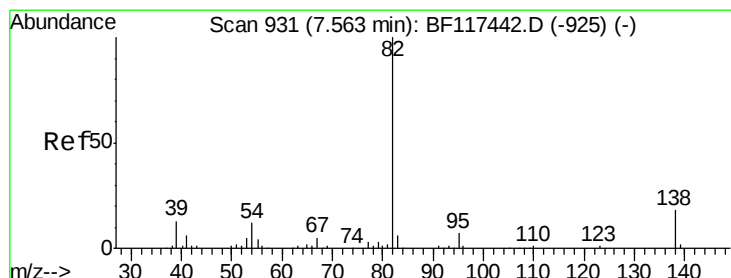
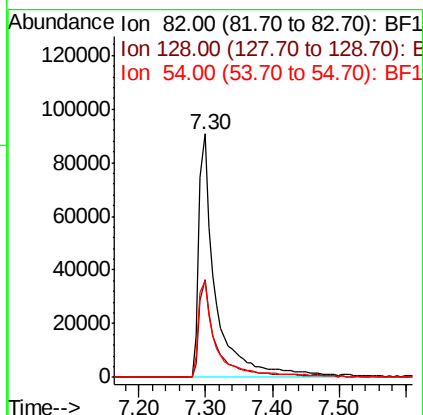
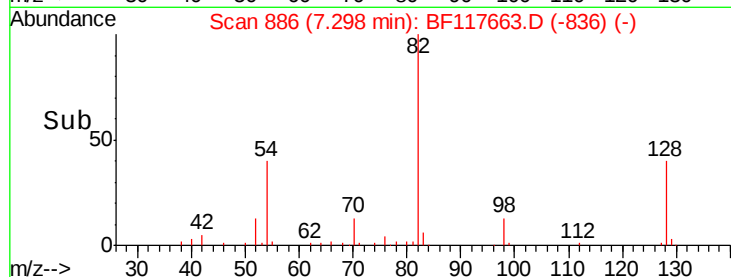
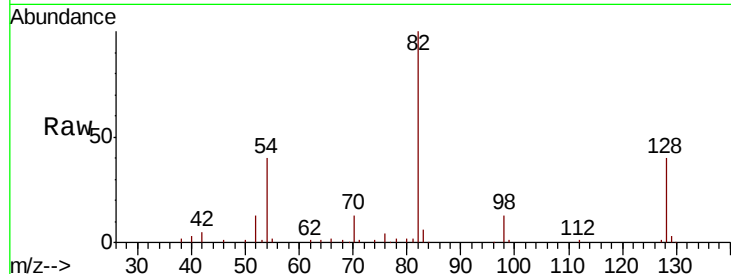




#23
Nitrobenzene-d5
Concen: 47.503 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

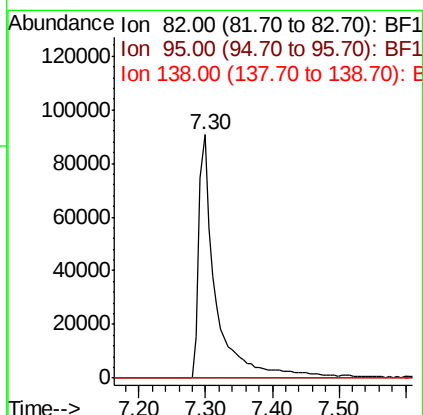
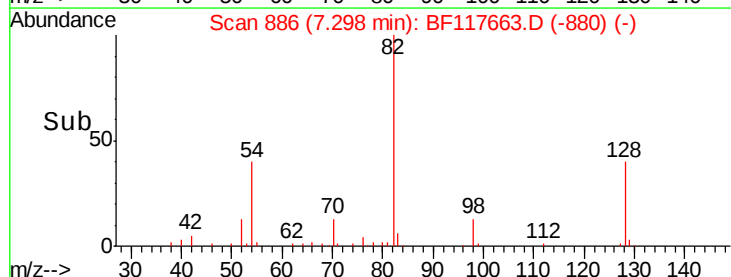
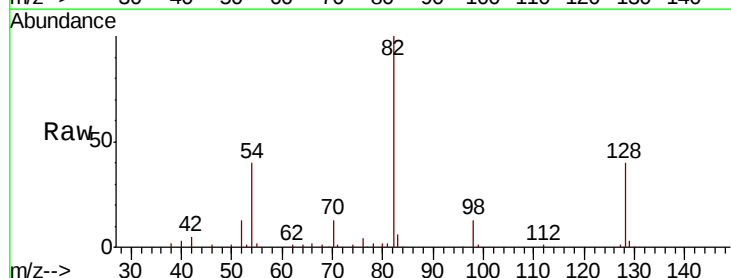
Instrument :
BNA_F
ClientSampleId :

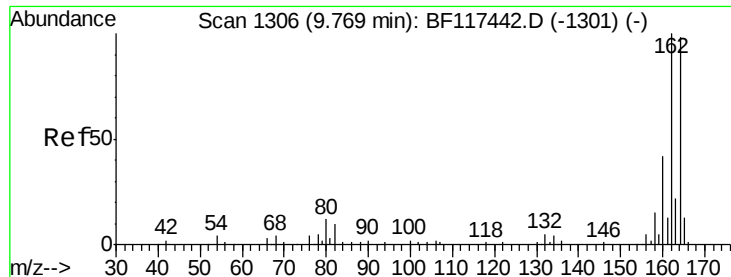
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.2	48.2
54	39.7	34.2	51.2



#25
Isophorone
Concen: 27.459 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

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

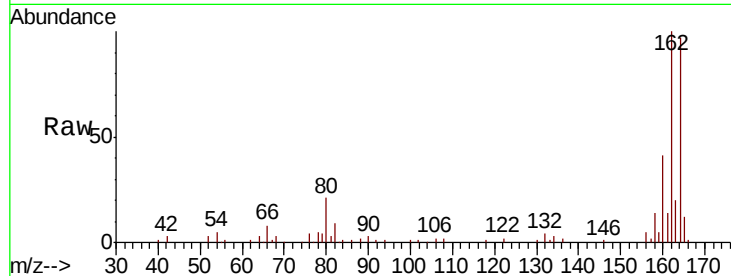




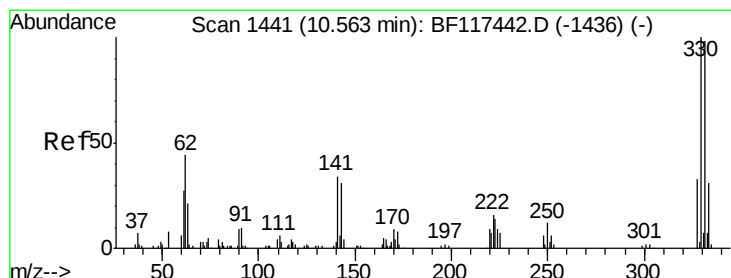
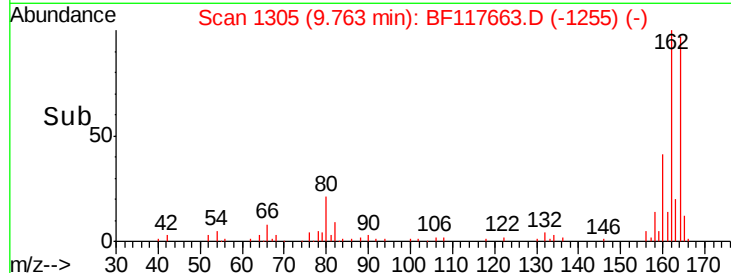
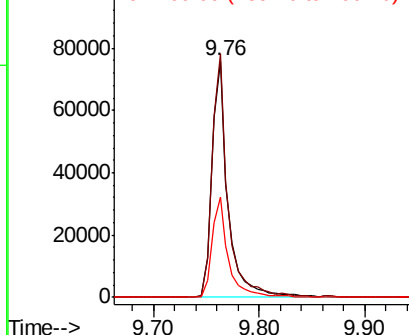
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117663.D
 Acq: 31 Oct 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 81127
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.8 122.6
 160 42.4 34.4 51.6

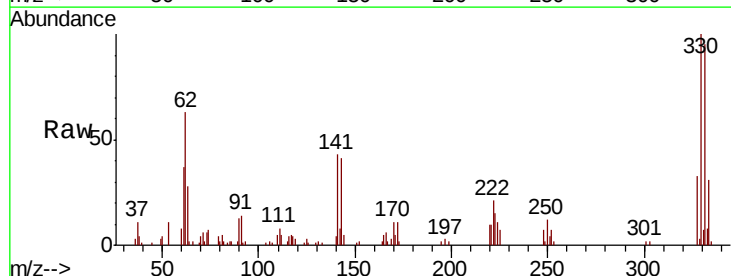


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

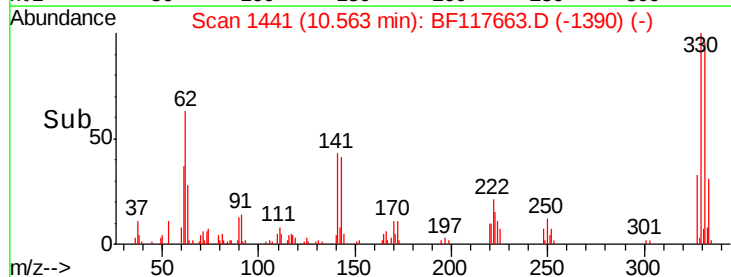
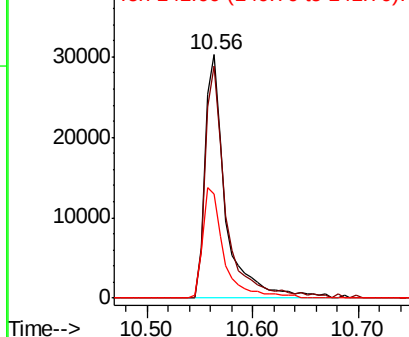


#42
 2,4,6-Tribromophenol
 Concen: 58.276 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF117663.D
 Acq: 31 Oct 2019 17:32

Tgt Ion:330 Resp: 40907
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.5 117.7
 141 47.0 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

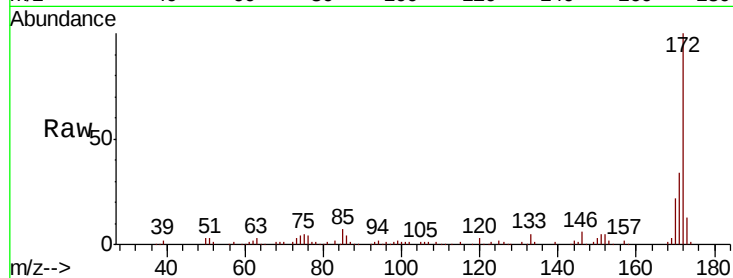




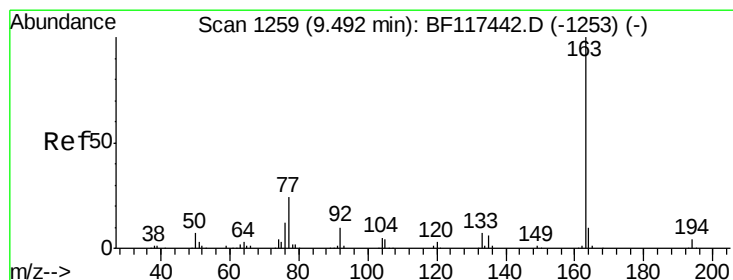
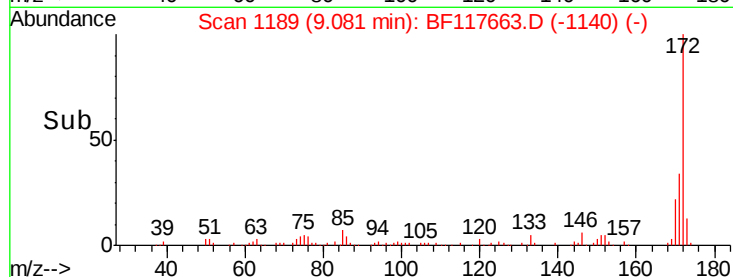
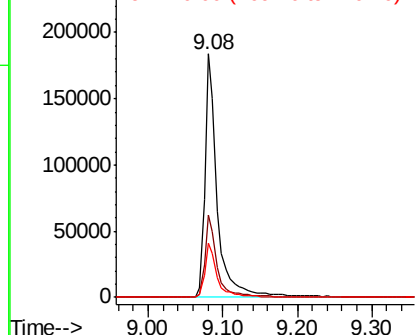
#45
2-Fluorobiphenyl
Concen: 37.794 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 217612
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 22.1 18.6 27.8

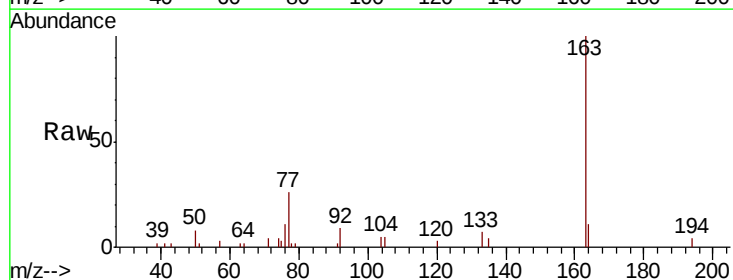


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

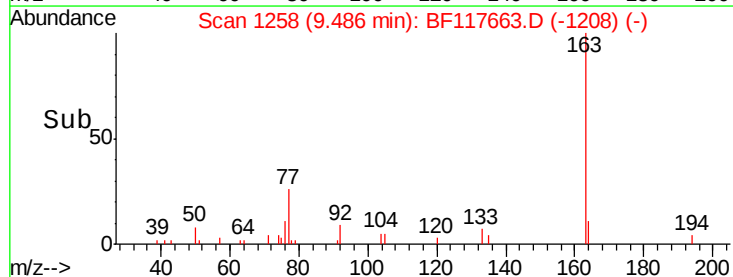
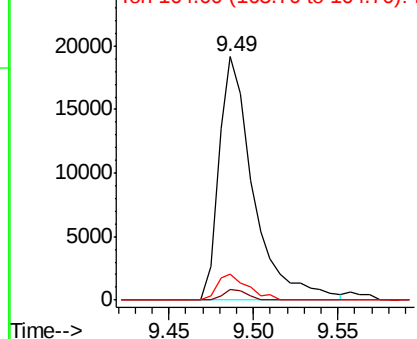


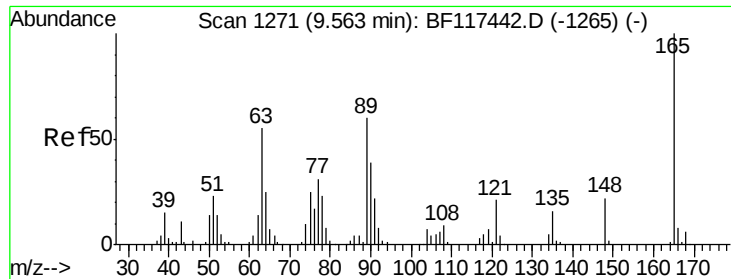
#50
Dimethylphthalate
Concen: 4.701 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion:163 Resp: 27191
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 10.7 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





#51

2,6-Dinitrotoluene

Concen: 7.979 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.20 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

Instrument :

BNA_F

ClientSampleId :

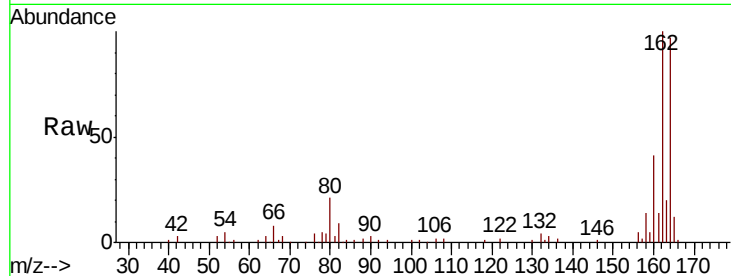
Tot Ion:165 Resp: 9630

Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

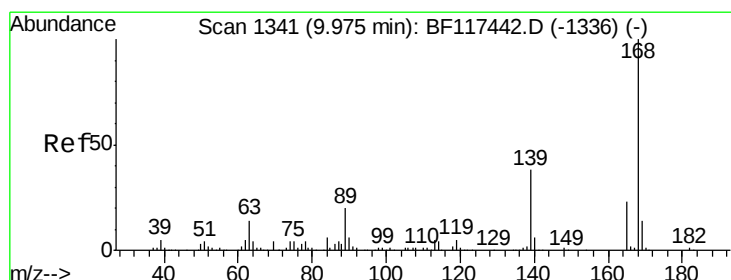
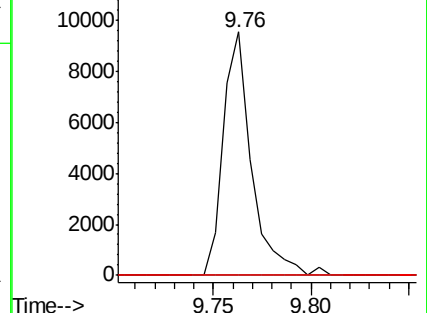
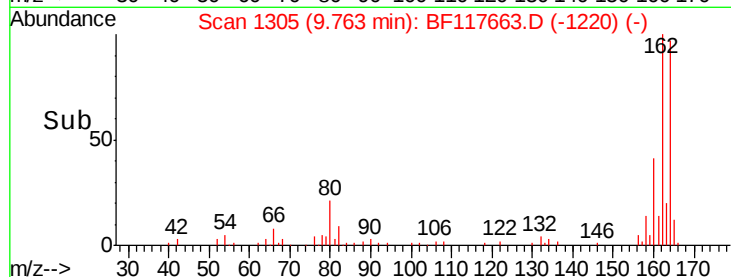
89 0.0 47.6 71.4#



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: 6.002 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.21 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

Tgt Ion:165 Resp: 9630

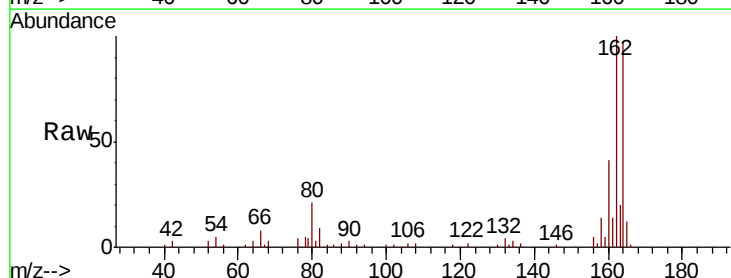
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.0#

89 0.0 69.9 104.9#

182 0.0 1.9 2.9#

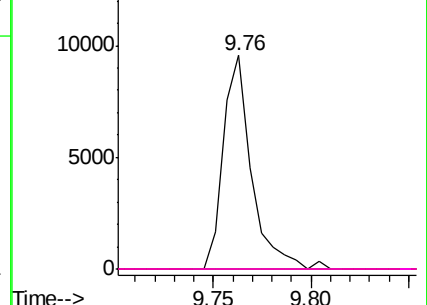
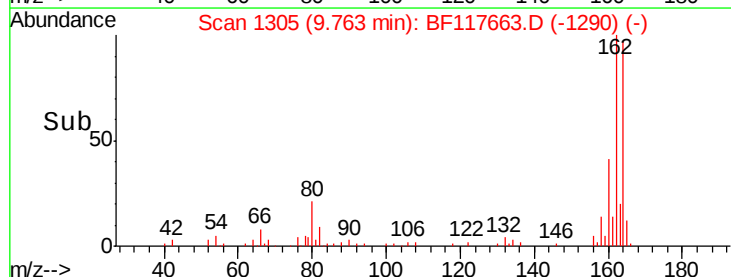


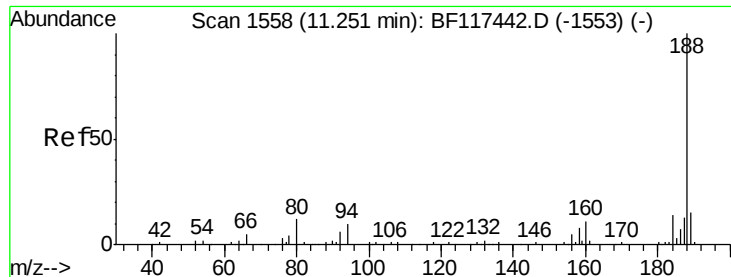
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

Instrument :

BNA_F

ClientSampleId :

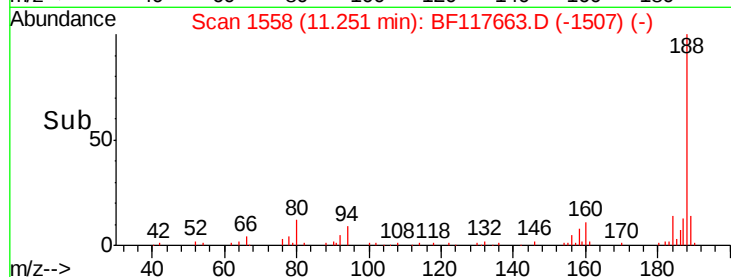
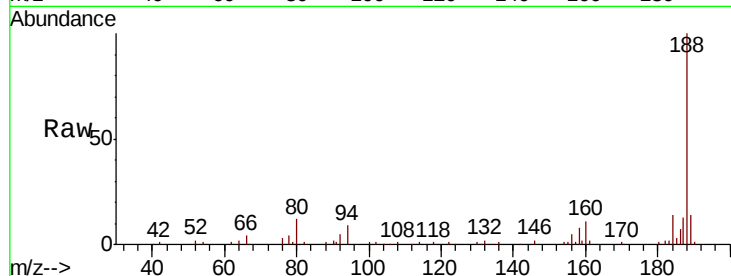
Tot Ion:188 Resp: 118756

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

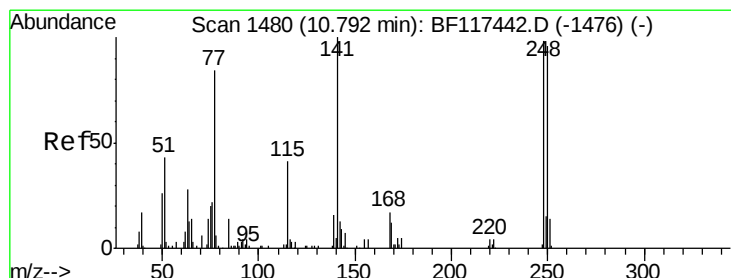
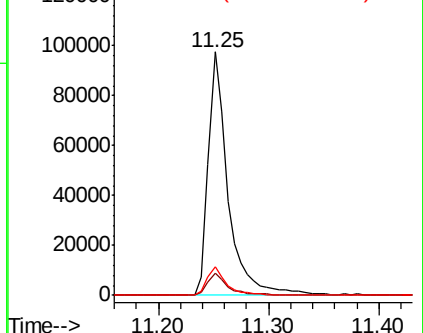
80 11.6 9.5 14.3



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: 2.022 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.23 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

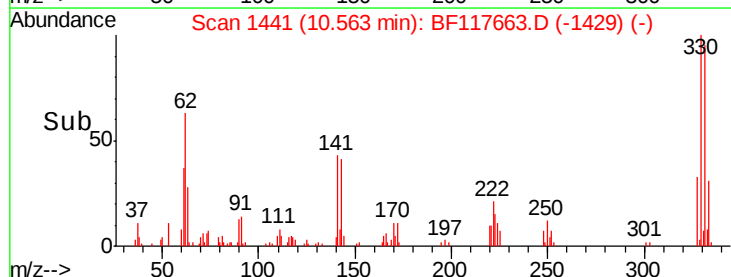
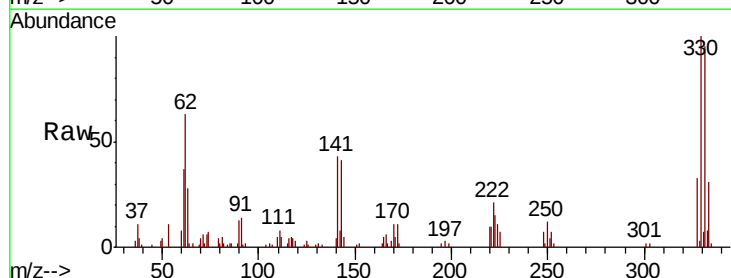
Tgt Ion:248 Resp: 2586

Ion Ratio Lower Upper

248 100

250 168.1 78.0 117.0#

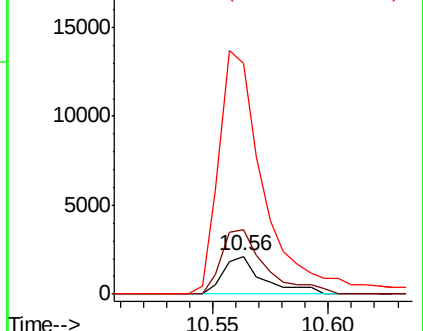
141 604.6 81.7 122.5#

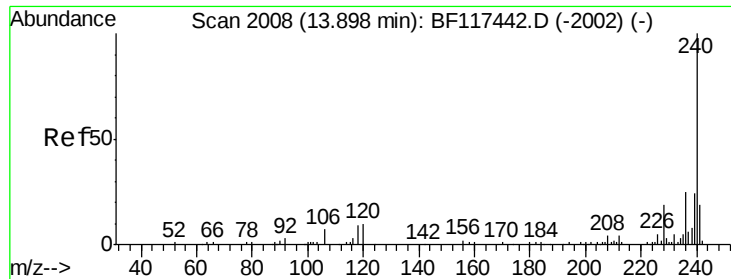


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

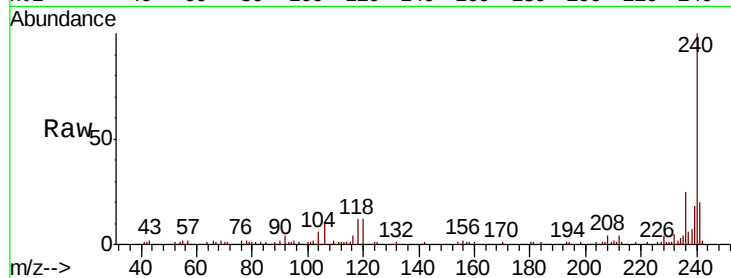




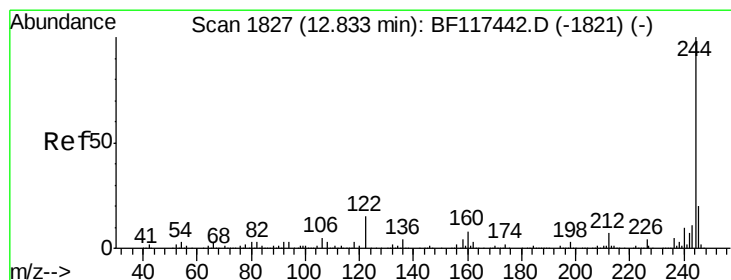
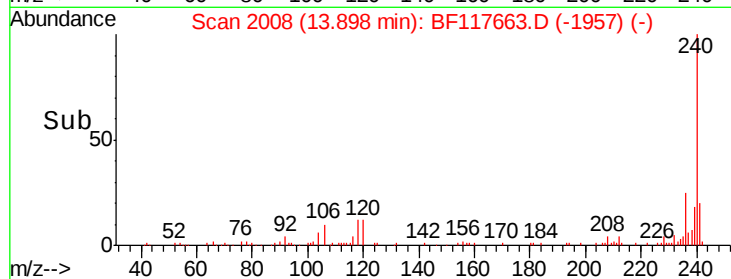
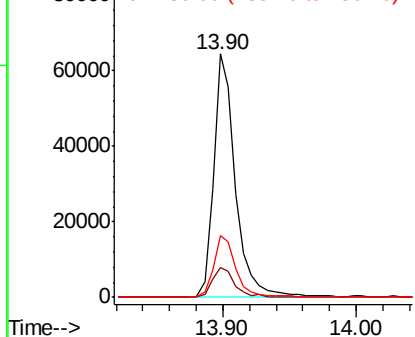
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 73728
Ion Ratio Lower Upper
240 100
120 12.5 8.4 12.6
236 25.4 20.0 30.0

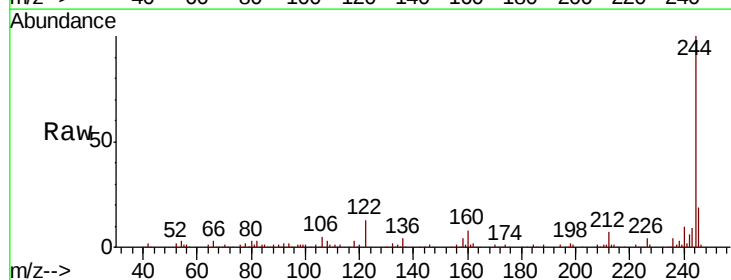


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

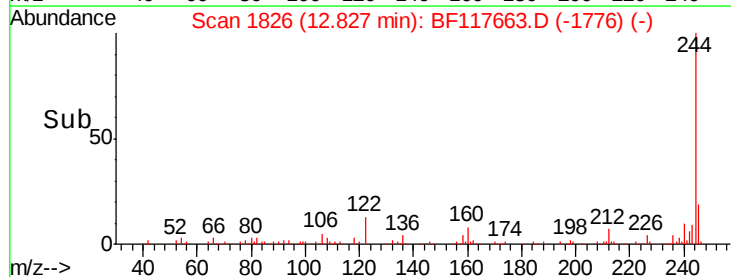
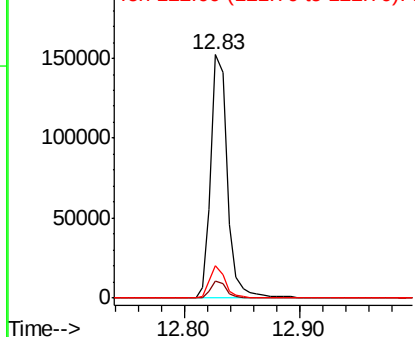


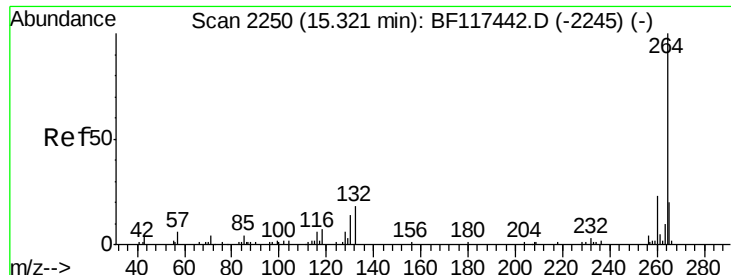
#79
Terphenyl-d14
Concen: 33.995 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion:244 Resp: 153659
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 13.5 11.8 17.8



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

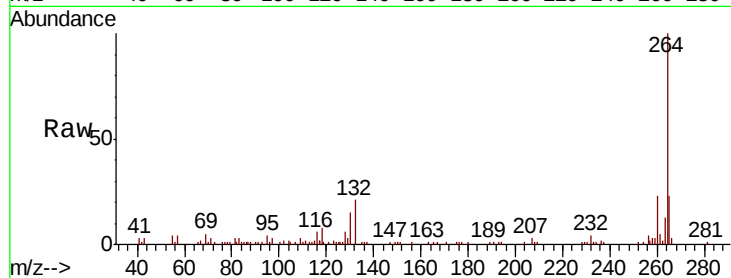




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117663.D
 Acq: 31 Oct 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 67757
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 23.1 16.1 24.1



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

