

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117458.D
 Acq On : 21 Oct 2019 20:15
 Operator : JU
 Sample : K5147-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:55:37 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

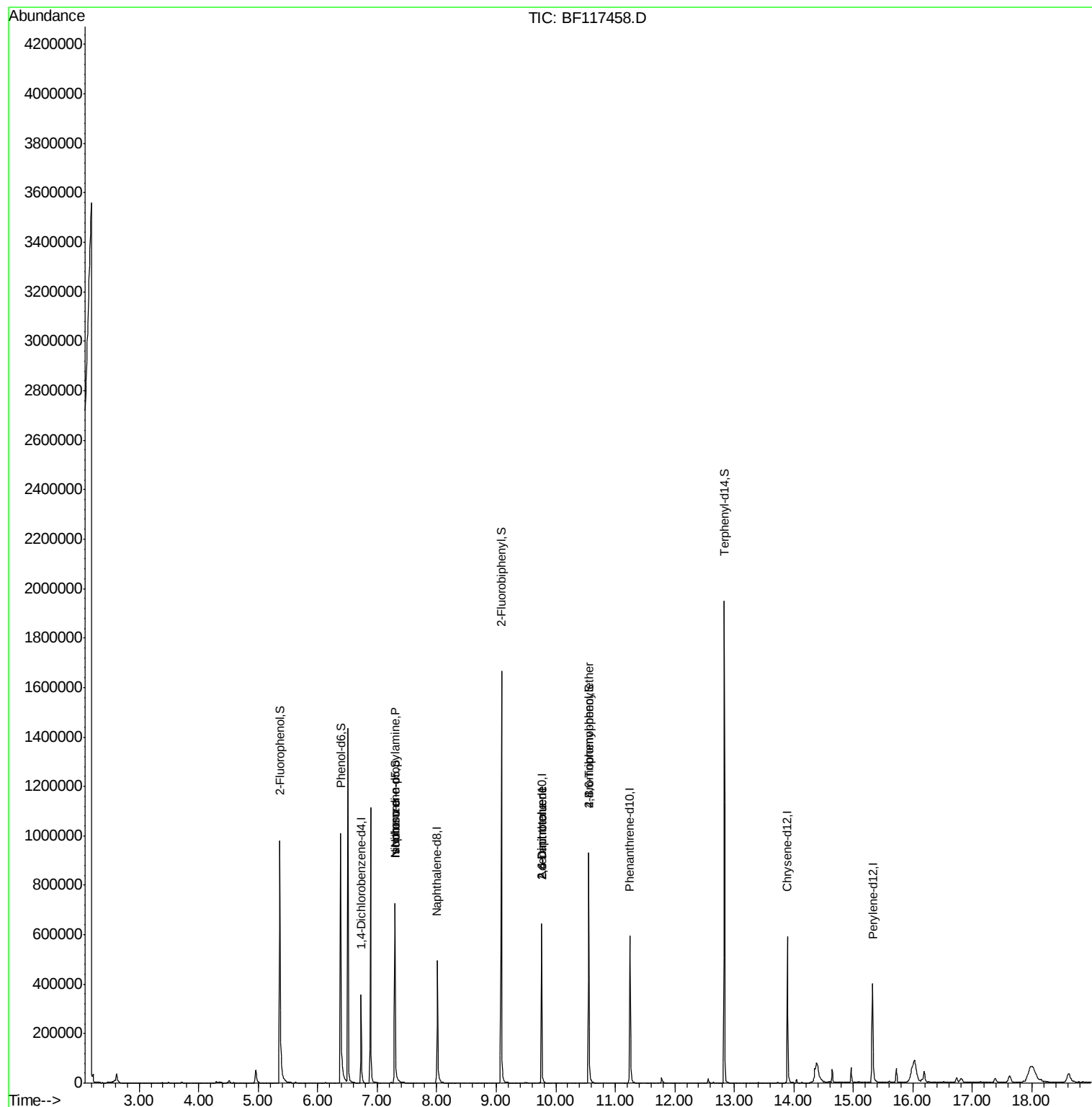
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	64015	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	263071	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	137775	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	237249	20.00	ng	0.00
76) Chrysene-d12	13.89	240	212012	20.00	ng	0.00
87) Perylene-d12	15.32	264	171812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	355822	82.69	ng	0.01
7) Phenol-d6	6.39	99	472530	81.76	ng	0.00
23) Nitrobenzene-d5	7.30	82	301598	56.60	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	108719	91.20	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	546580	55.90	ng	0.00
79) Terphenyl-d14	12.83	244	628984	48.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	542	Below Cal	Qvalue #	3
19) n-Nitroso-di-n-propylamine	7.30	70	38496	10.907 ng	#	77
25) Isophorone	7.30	82	301595	32.717 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	17511	8.544 ng	#	24
57) 2,4-Dinitrotoluene	9.76	165	17511	6.426 ng	#	13
67) 4-Bromophenyl-phenylether	10.55	248	6800	2.661 ng	#	1
77) Benizidine	12.83	184	8420	Below Cal		96

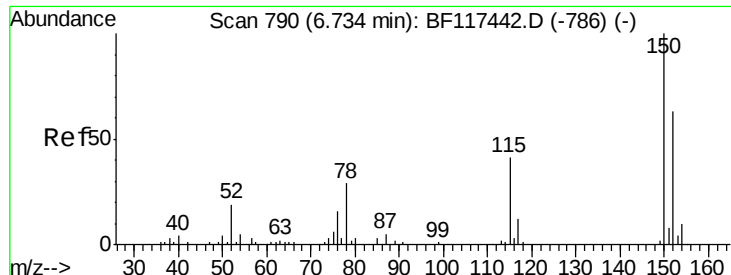
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
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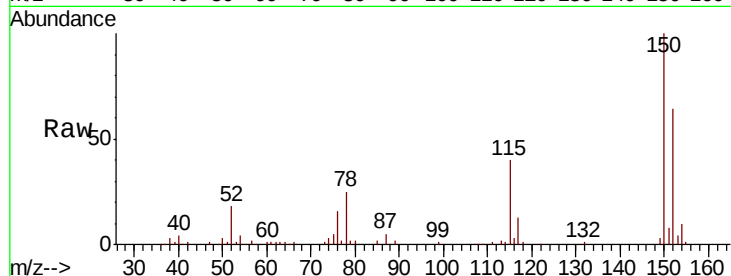


#1

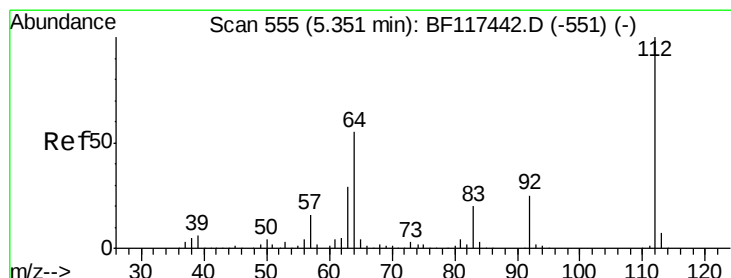
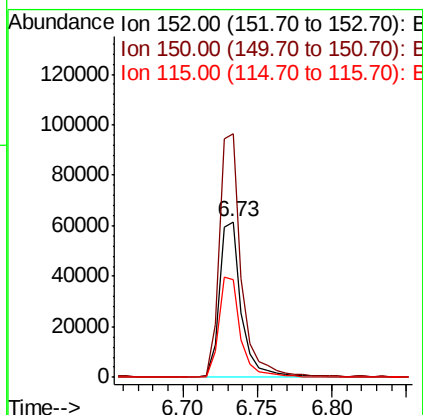
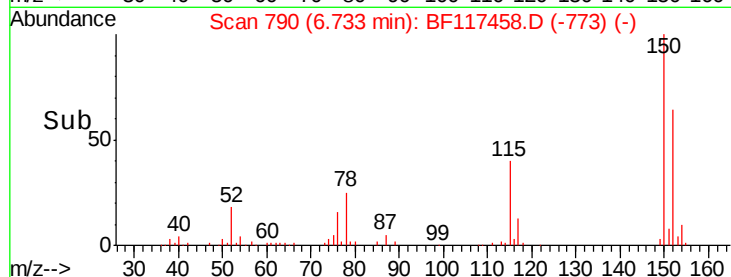
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117458.D
Acq: 21 Oct 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64015
Ion Ratio Lower Upper
152 100
150 156.3 126.8 190.2
115 62.3 51.6 77.4



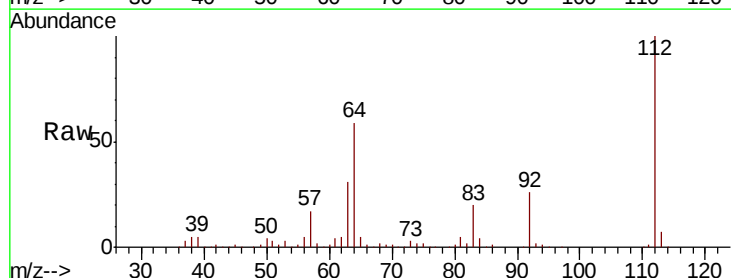
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



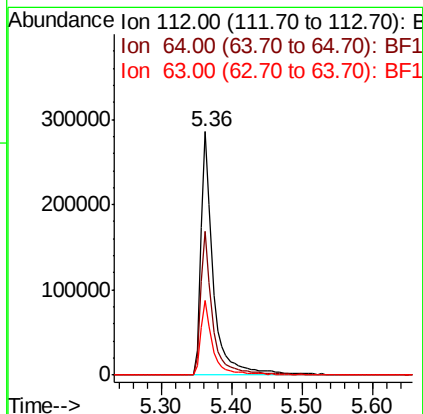
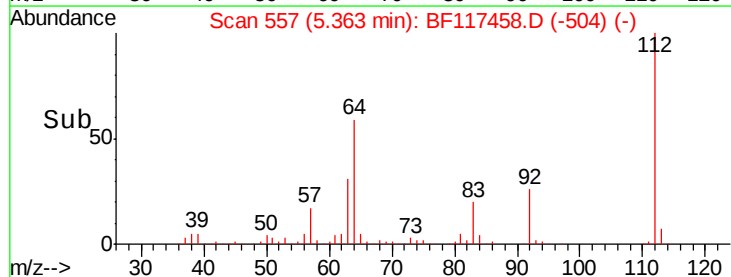
#5

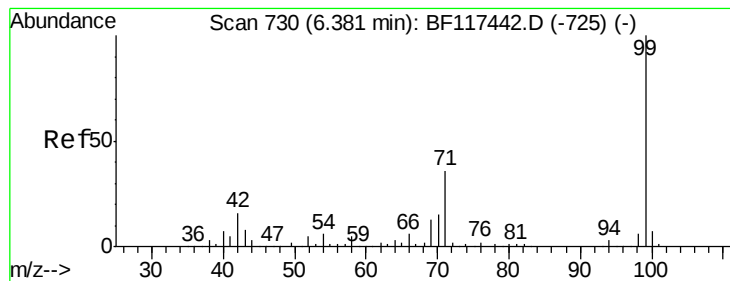
2-Fluorophenol
Concen: 82.693 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117458.D
Acq: 21 Oct 2019 20:15

Tgt Ion:112 Resp: 355822
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 30.5 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: 81.762 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Instrument :

BNA_F

ClientSampled :

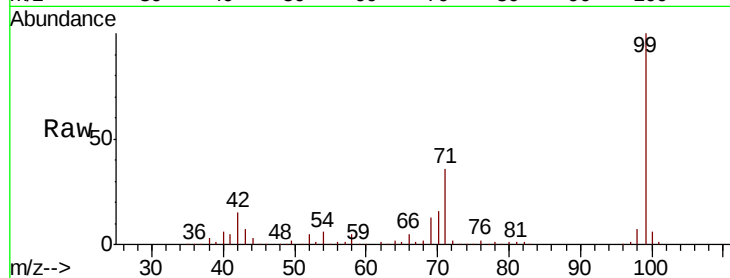
Tot Ion: 99 Resp: 472530

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

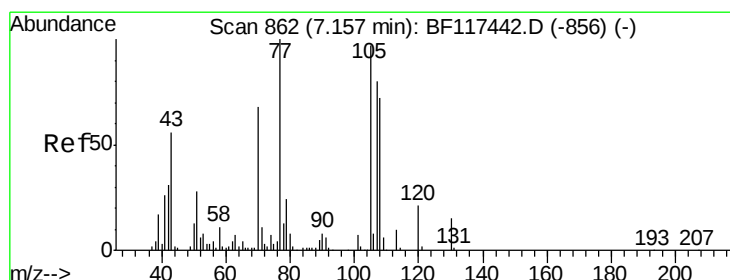
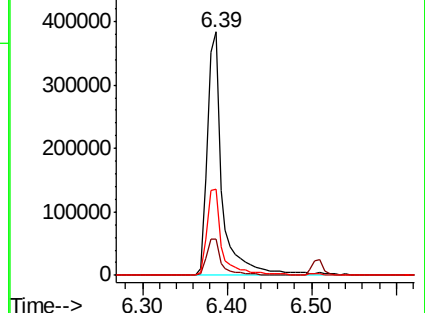
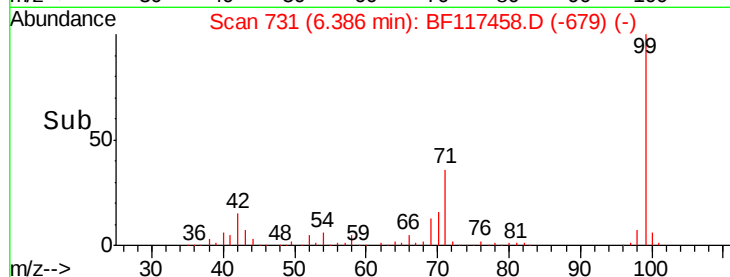
71 35.6 28.6 43.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.907 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Tgt Ion: 70 Resp: 38496

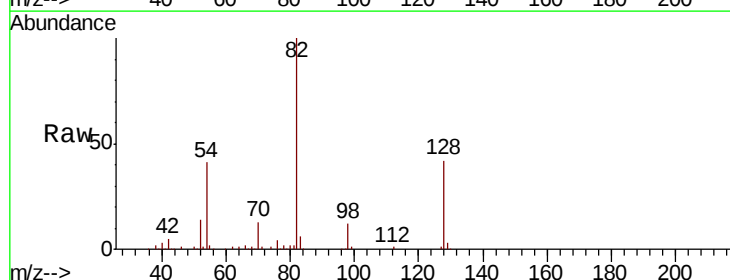
Ion Ratio Lower Upper

70 100

42 37.7 36.7 55.1

101 0.0 8.3 12.5#

130 1.8 18.1 27.1#

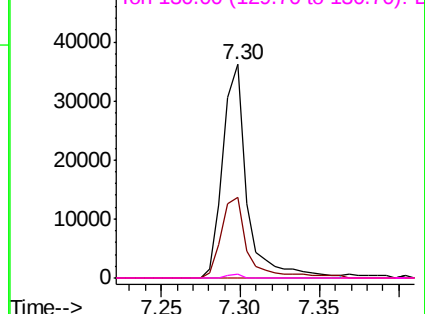
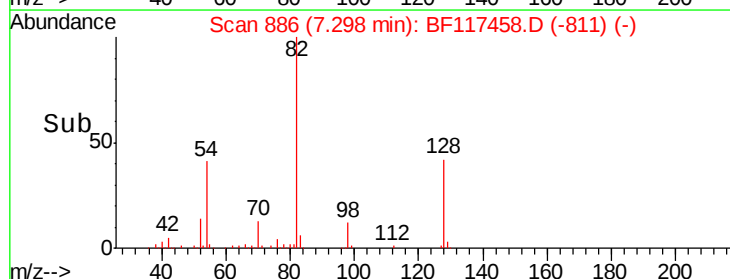


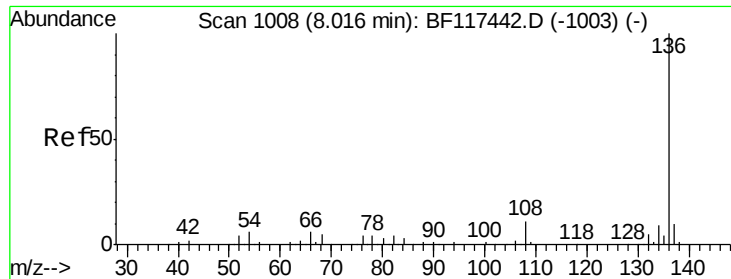
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 263071

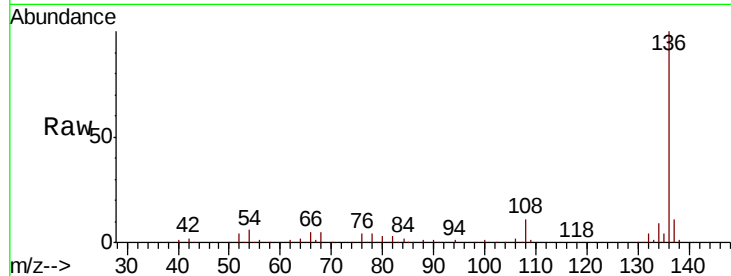
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 6.2 4.5 6.7

68 5.2 4.3 6.5

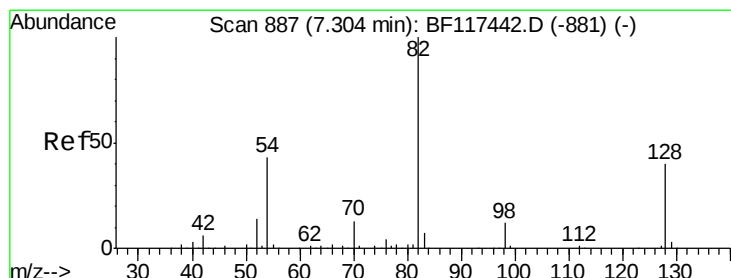
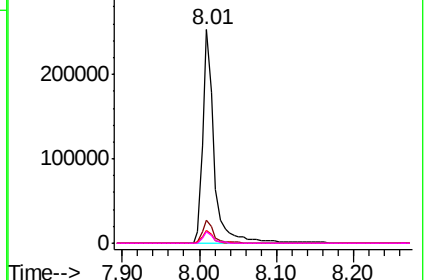
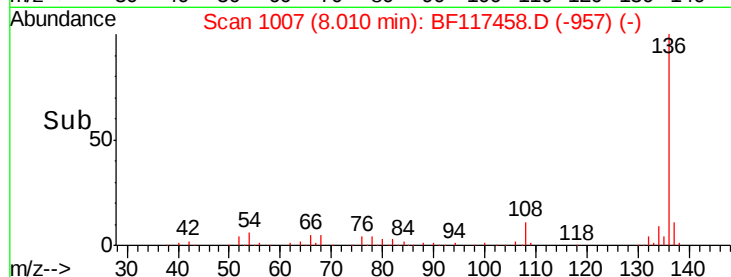


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 56.598 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

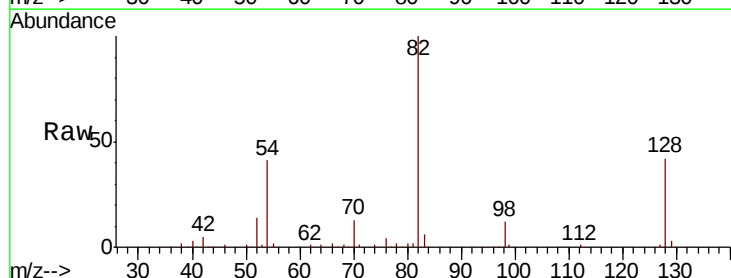
Tgt Ion: 82 Resp: 301598

Ion Ratio Lower Upper

82 100

128 42.4 32.2 48.2

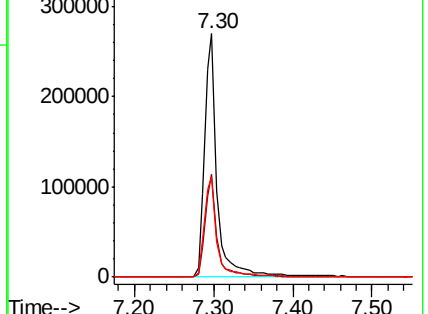
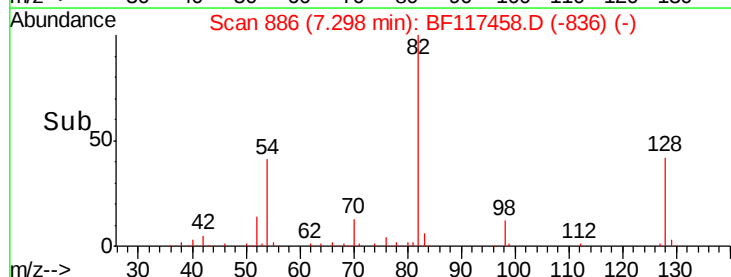
54 41.0 34.2 51.2

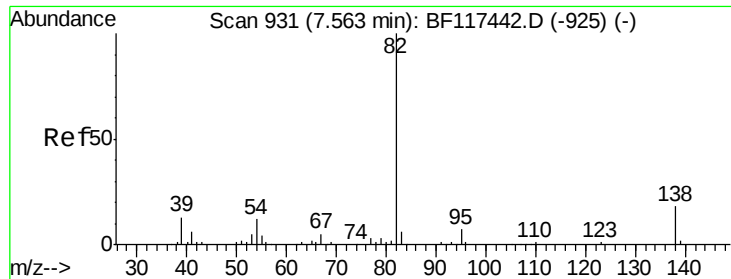


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.717 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Instrument :

BNA_F

ClientSampleId :

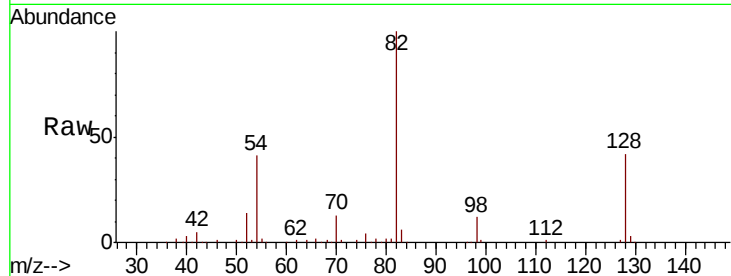
Tot Ion: 82 Resp: 301595

Ion Ratio Lower Upper

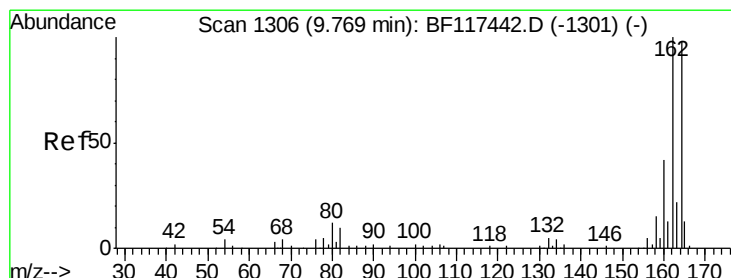
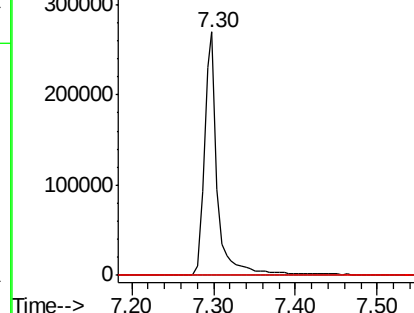
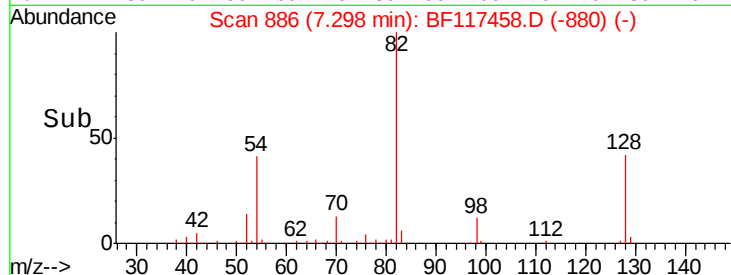
82 100

95 0.0 5.4 8.0#

138 0.0 14.2 21.2#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

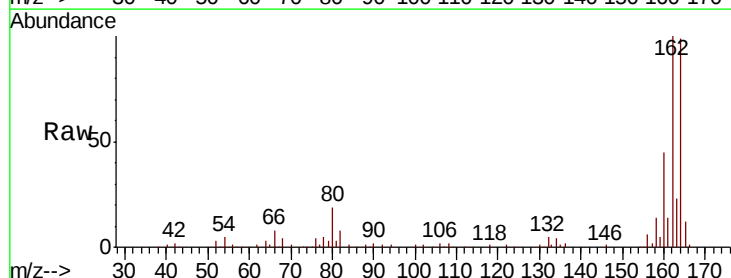
Tgt Ion:164 Resp: 137775

Ion Ratio Lower Upper

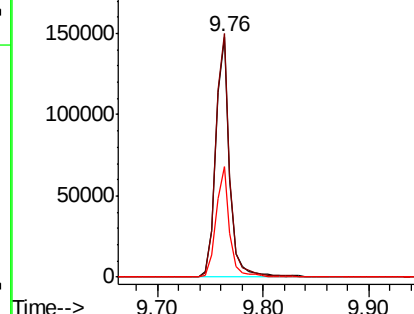
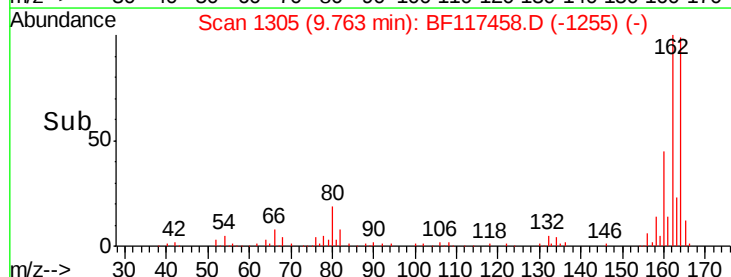
164 100

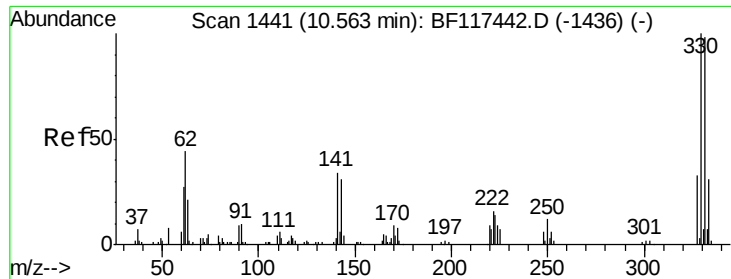
162 101.4 81.8 122.6

160 46.0 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: 91.199 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Instrument :

BNA_F

ClientSampled :

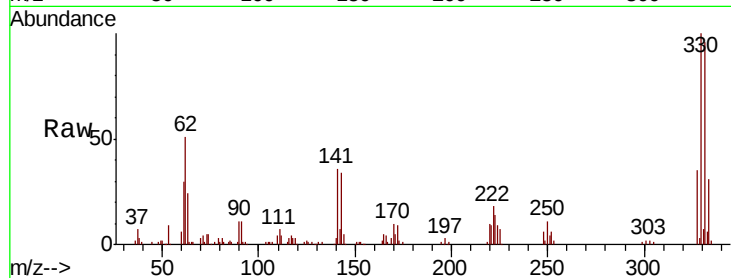
Tot Ion:330 Resp: 108719

Ion Ratio Lower Upper

330 100

332 96.1 78.5 117.7

141 44.6 37.0 55.6

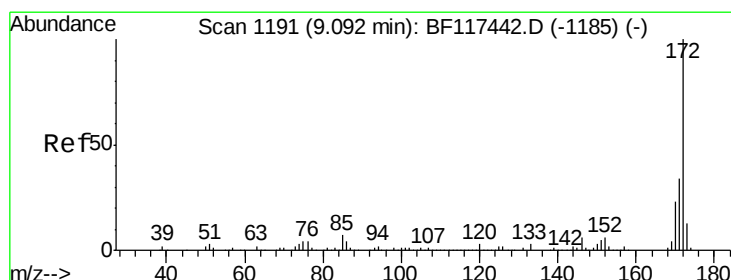
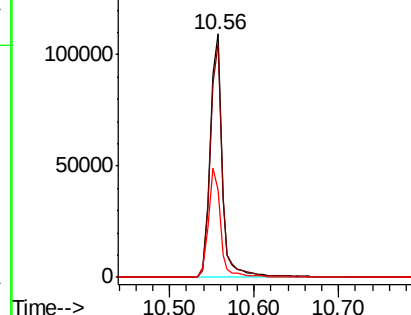
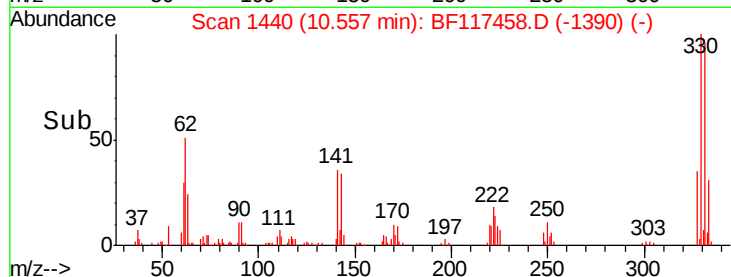


Abundance

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: 55.897 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

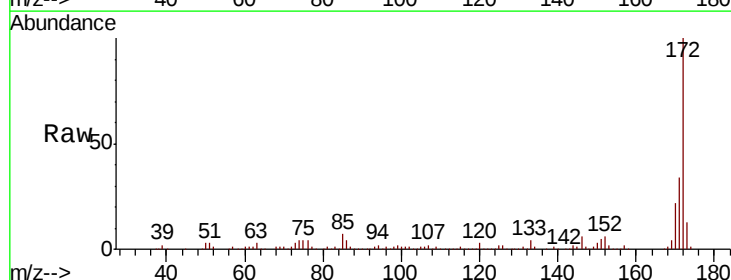
Tgt Ion:172 Resp: 546580

Ion Ratio Lower Upper

172 100

171 34.1 27.5 41.3

170 22.3 18.6 27.8

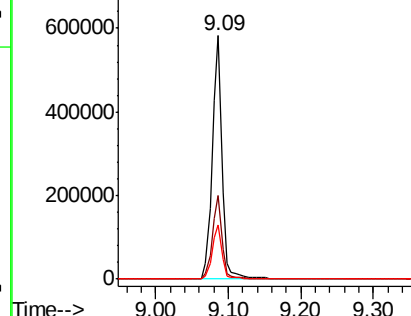
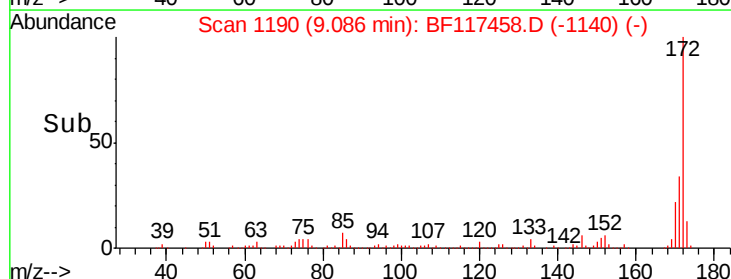


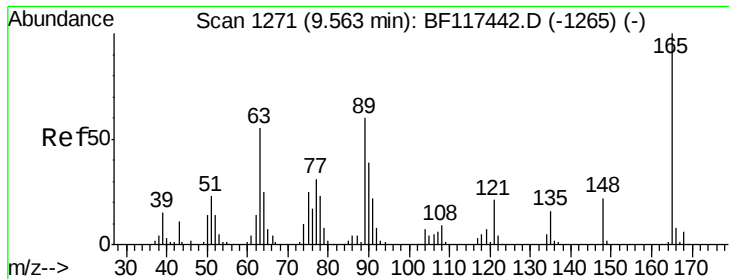
Abundance

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

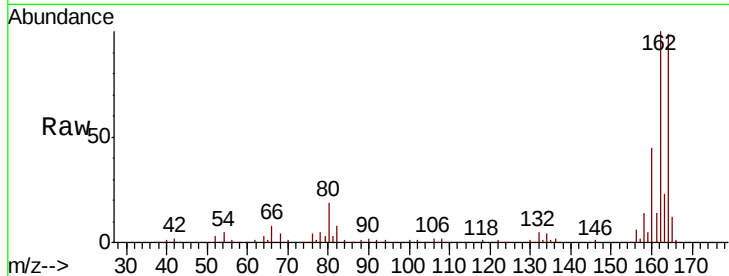




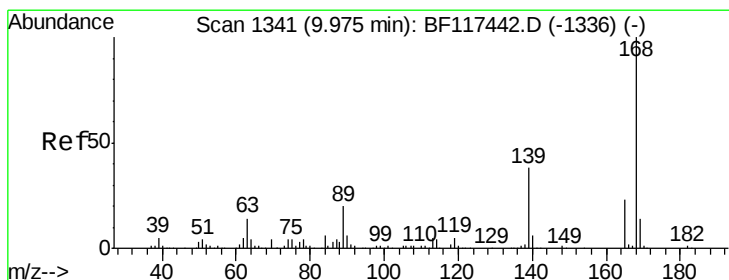
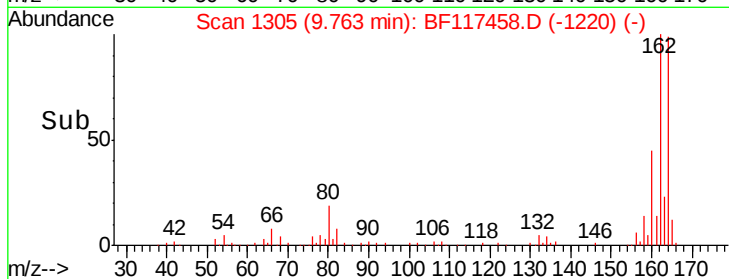
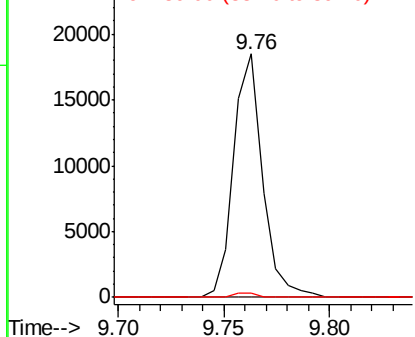
#51
 2,6-Dinitrotoluene
 Concen: 8.544 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	1.7	47.6	71.4#

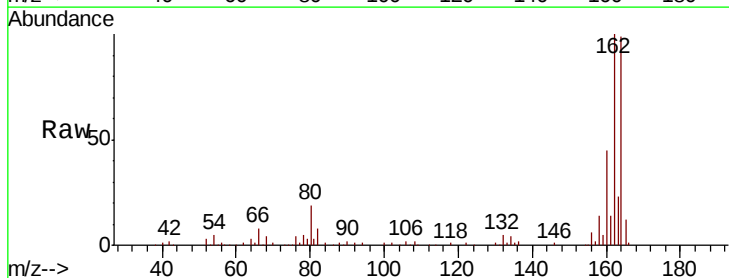


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

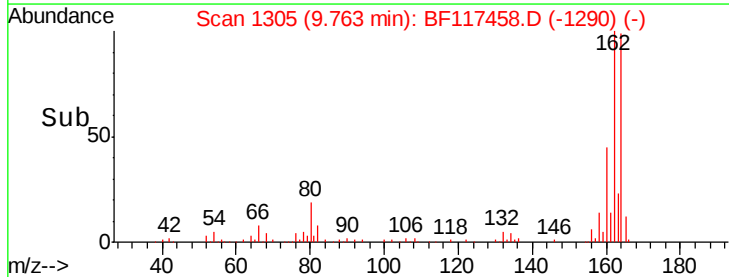
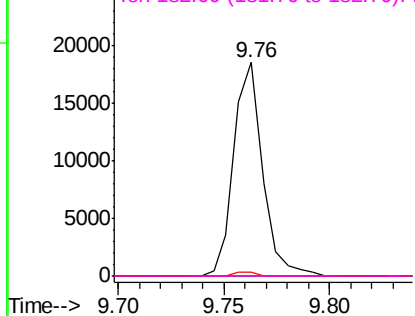


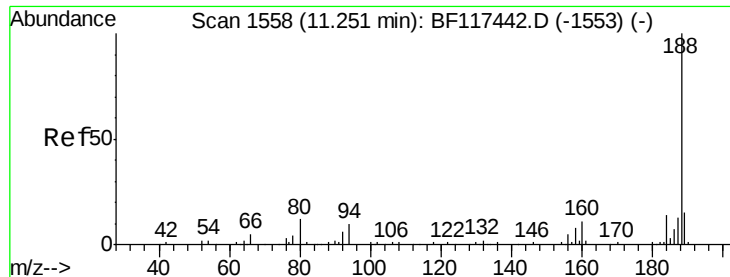
#57
 2,4-Dinitrotoluene
 Concen: 6.426 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	1.7	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

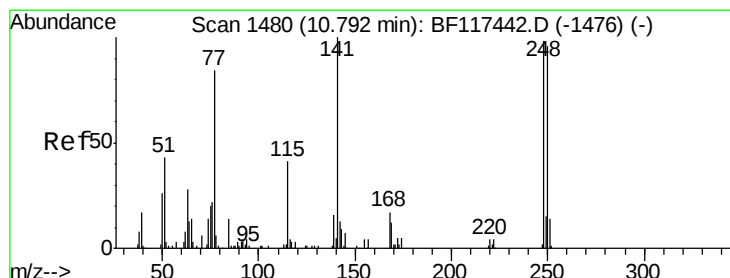
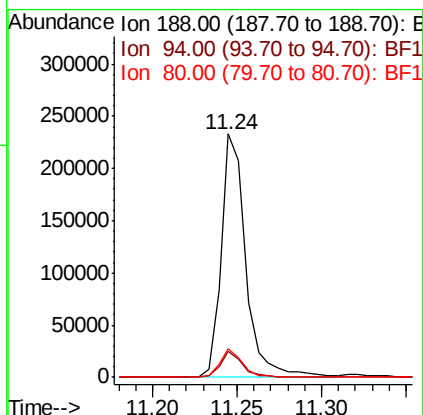
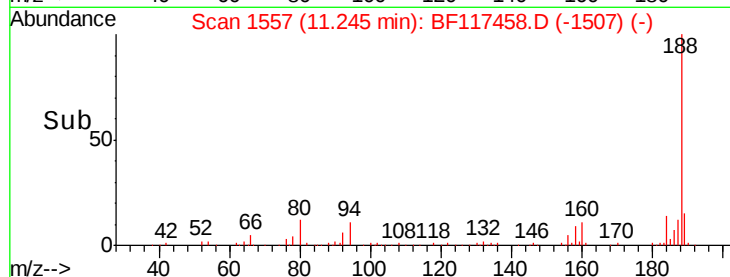
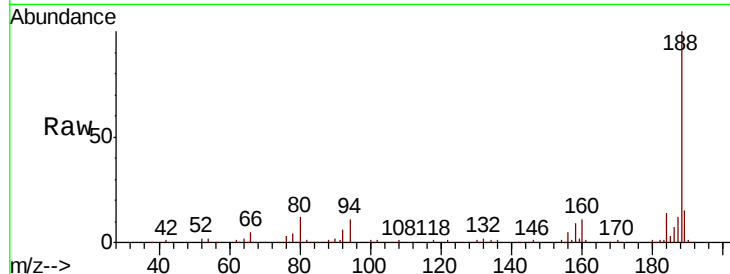




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

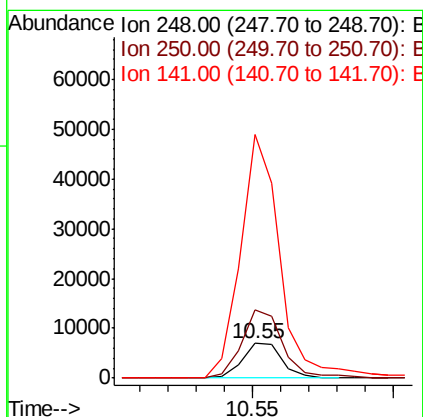
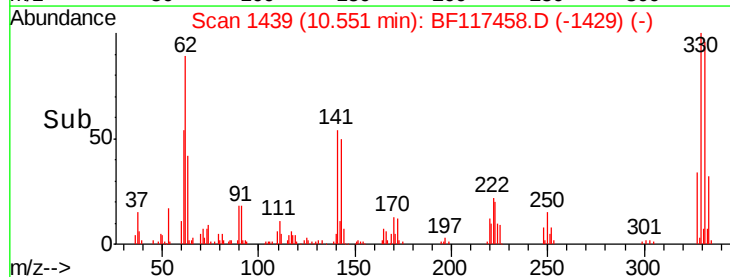
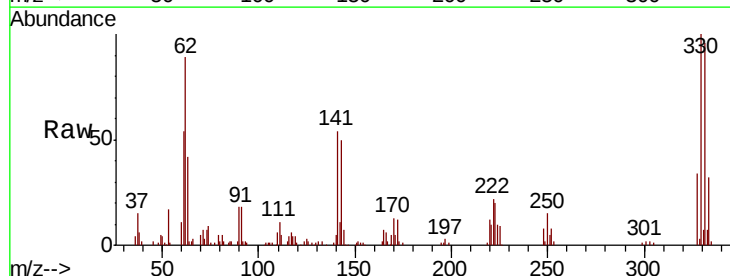
Instrument :
 BNA_F
 ClientSampleId :

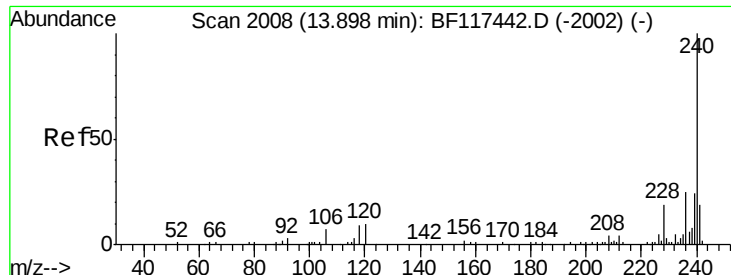
Tot Ion:188 Resp: 237249
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.0 12.0
 80 11.7 9.5 14.3



#67
 4-Bromophenyl-phenylether
 Concen: 2.661 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Tgt Ion:248 Resp: 6800
 Ion Ratio Lower Upper
 248 100
 250 195.3 78.0 117.0#
 141 698.1 81.7 122.5#

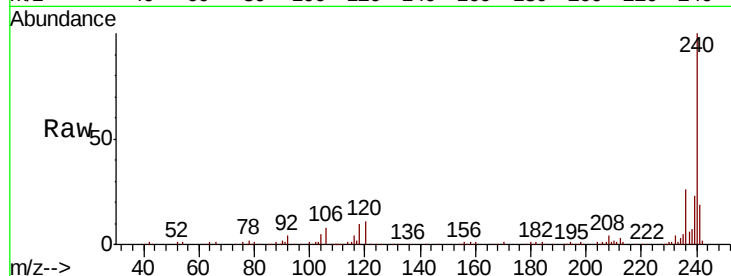




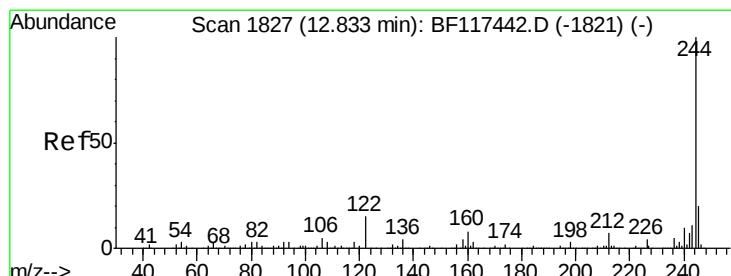
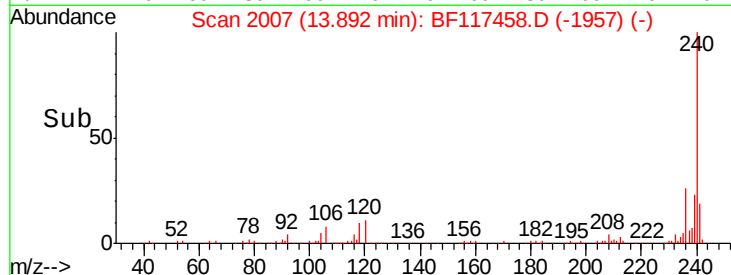
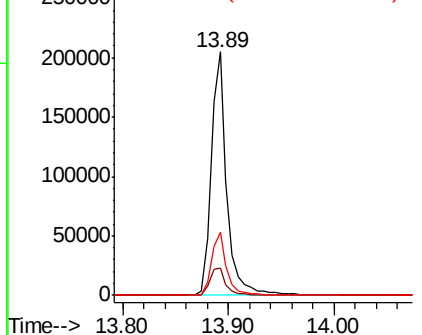
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 212012
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.4 12.6
 236 26.1 20.0 30.0

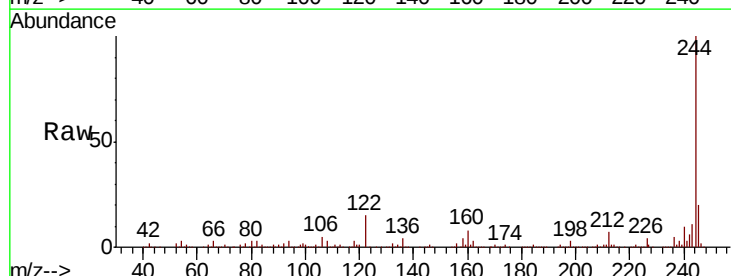


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

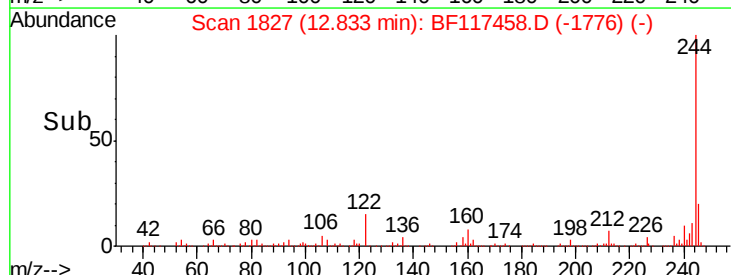
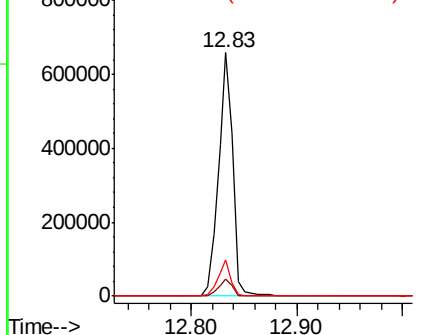


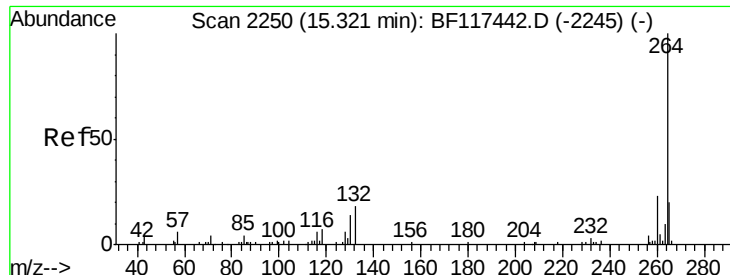
#79
 Terphenyl-d14
 Concen: 48.391 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Tgt Ion:244 Resp: 628984
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 14.7 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

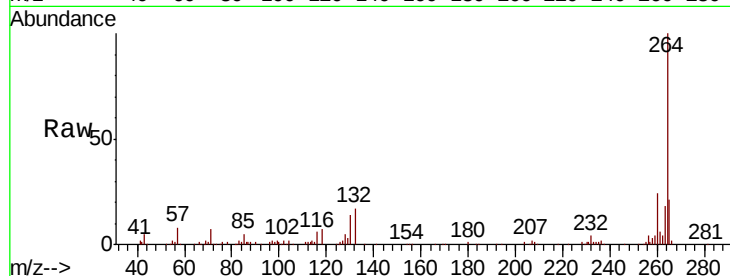




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117458.D
Acq: 21 Oct 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	20.9	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

