

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119157.D
 Acq On : 29 Feb 2020 14:20
 Operator : CG/JU
 Sample : PB127150BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 05:44:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

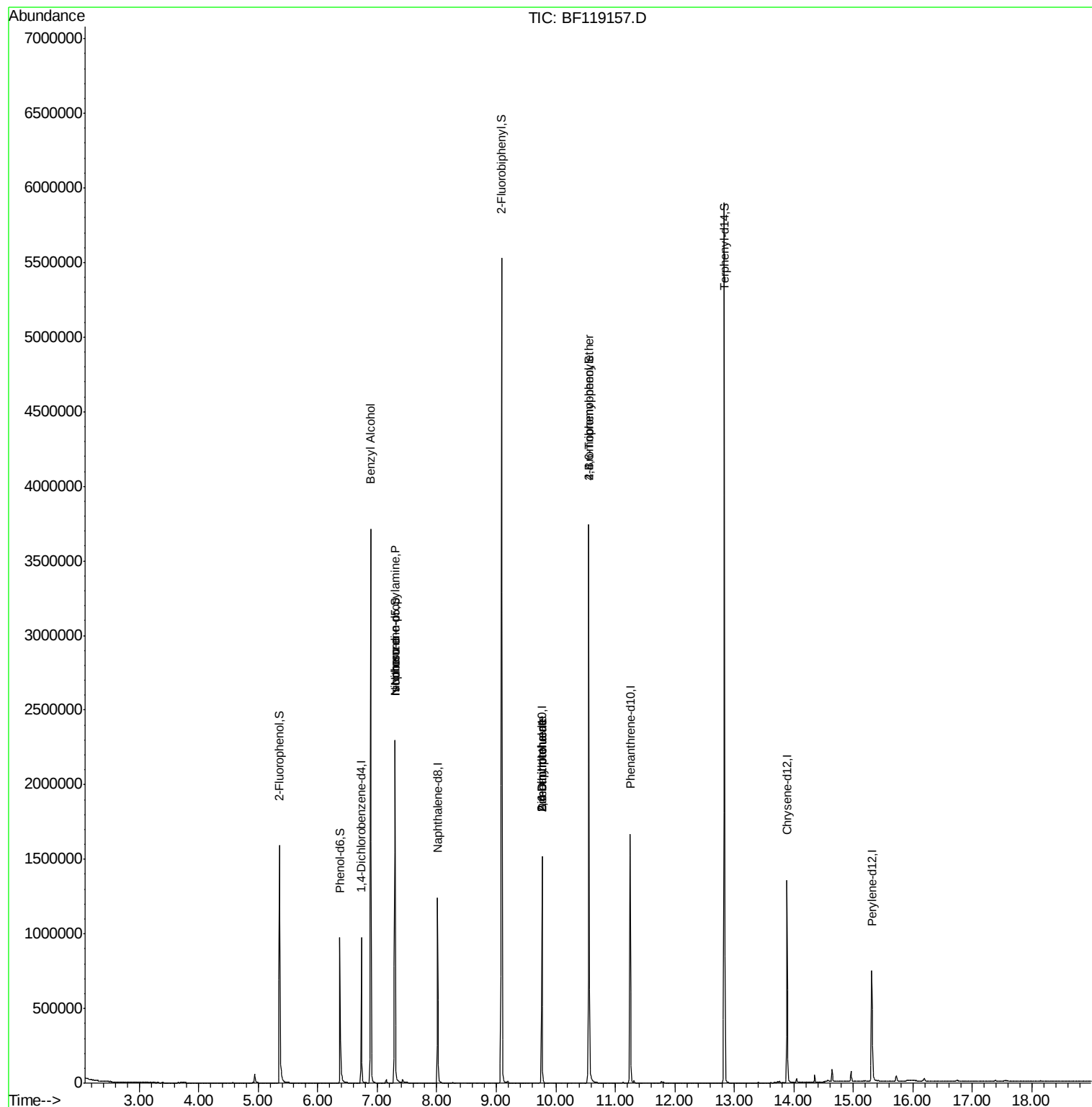
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153396	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	593231	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	344026	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	663637	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	463793	20.00	ng	-0.02
87) Perylene-d12	15.31	264	374500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	516815	56.30	ng	-0.01
7) Phenol-d6	6.37	99	382029	34.22	ng	-0.03
23) Nitrobenzene-d5	7.30	82	975280	86.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	571578	127.00	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1948734	83.45	ng	-0.02
79) Terphenyl-d14	12.84	244	2518967	93.51	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	16376	2.030	ng	# 50
19) n-Nitroso-di-n-propylamine	7.30	70	135937	20.898	ng	# 76
25) Isophorone	7.30	82	962768	49.341	ng	# 63
50) Dimethylphthalate	9.77	163	74309	2.825	ng	# 1
51) 2,6-Dinitrotoluene	9.77	165	43148	7.382	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	43148	5.696	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	37854	4.364	ng	# 1

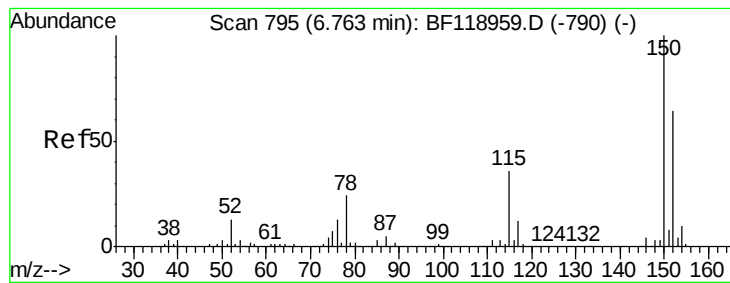
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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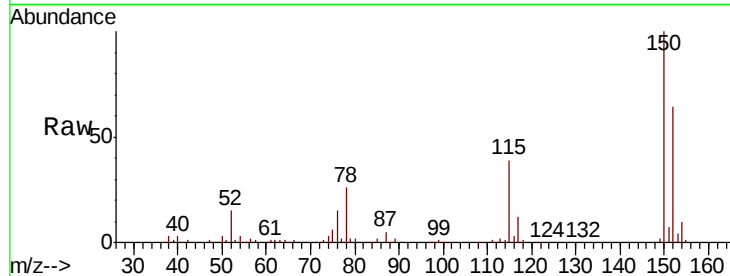


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119157.D
 Acq: 29 Feb 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.6
115	61.0	49.5	74.3

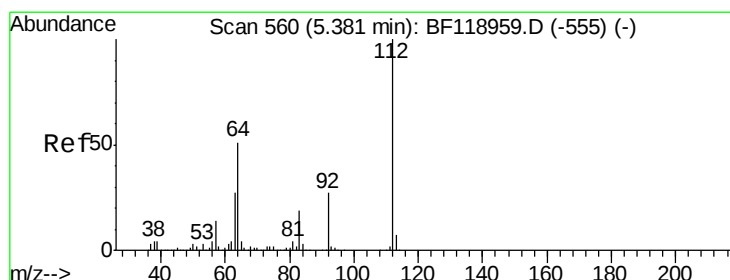
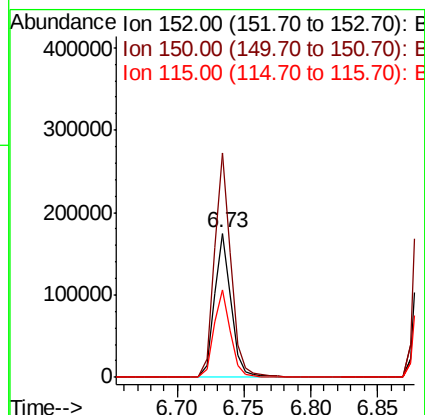
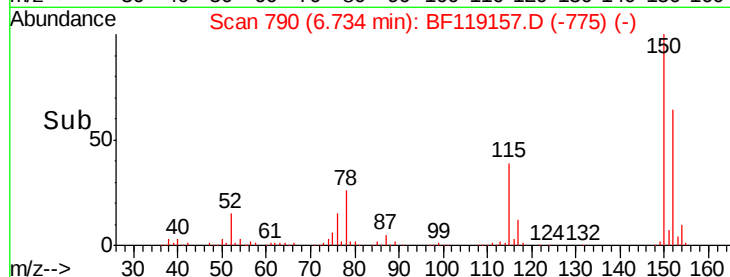


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

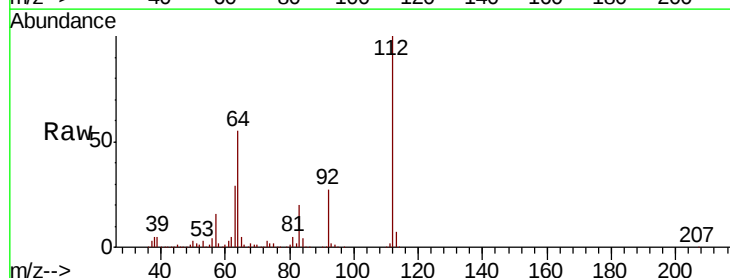
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 56.305 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF119157.D
 Acq: 29 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.0	67.4
63	29.2	24.2	36.4

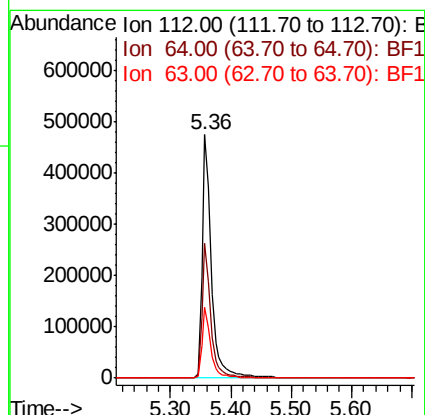
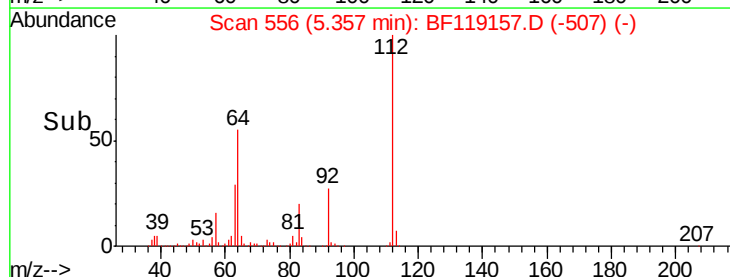


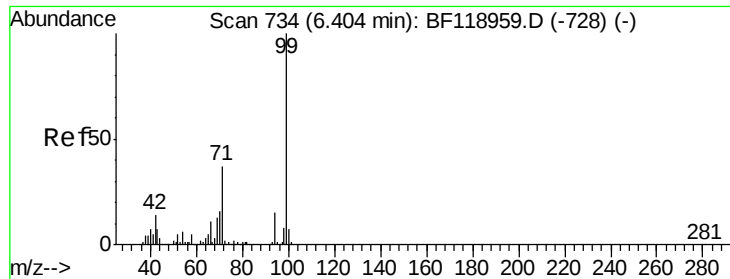
Abundance

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: 34.222 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Instrument :

BNA_F

ClientSampled :

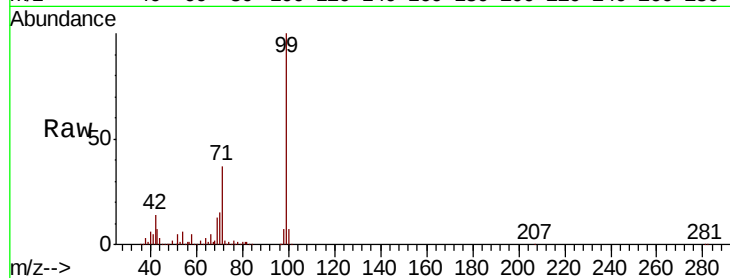
Tot Ion: 99 Resp: 382029

Ion Ratio Lower Upper

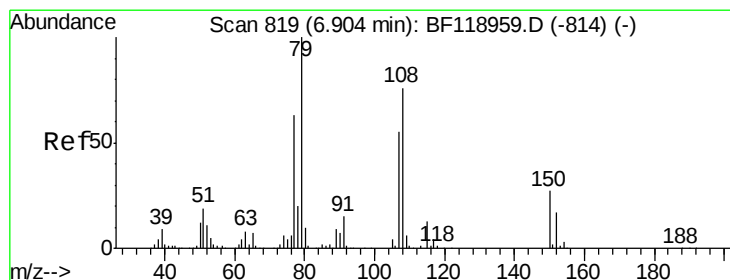
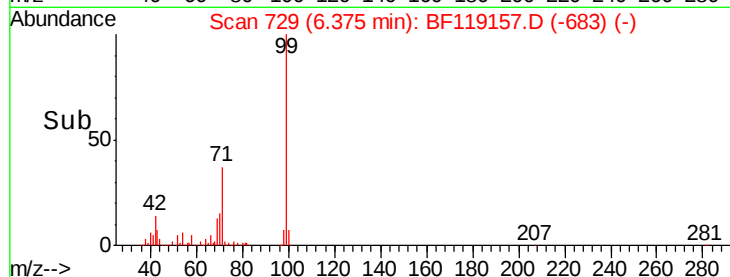
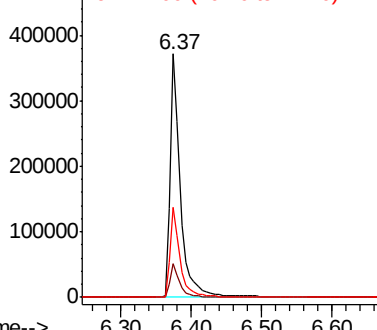
99 100

42 13.9 12.6 18.8

71 36.9 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.030 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

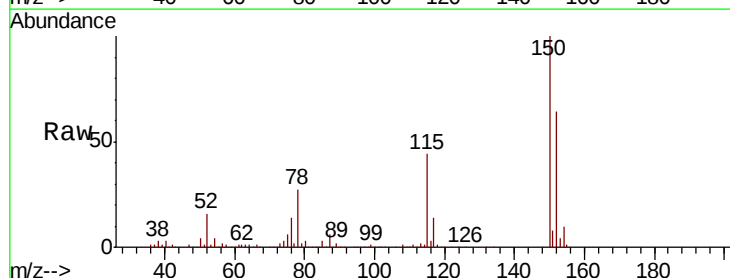
Tgt Ion: 79 Resp: 16376

Ion Ratio Lower Upper

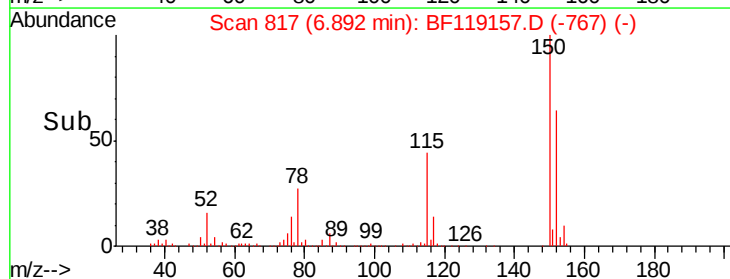
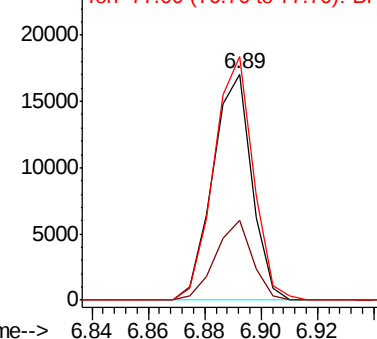
79 100

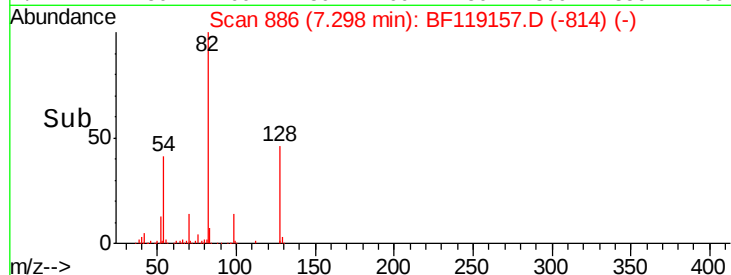
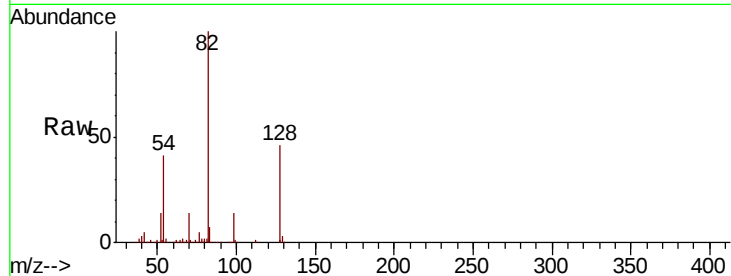
108 35.4 58.2 87.2#

77 107.6 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

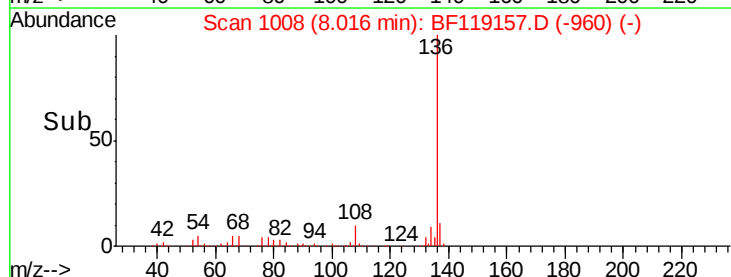
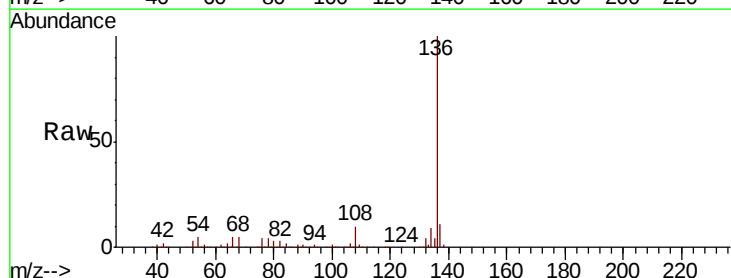
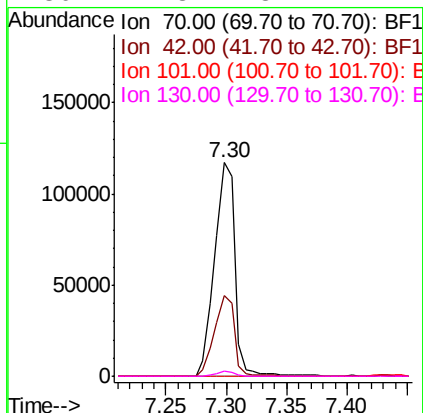




#19
n-Nitroso-di-n-propylamine
Concen: 20.898 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

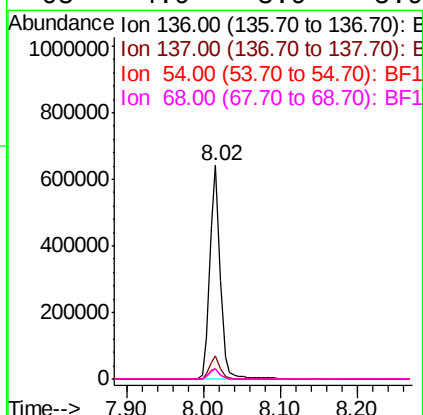
Instrument :
BNA_F
ClientSampleId :

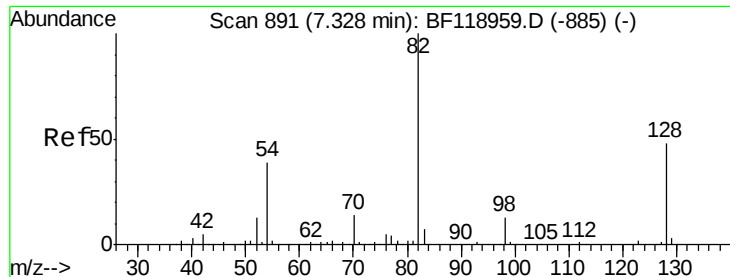
Tot Ion:	70	Resp:	135937
Ion	Ratio	Lower	Upper
70	100		
42	37.9	38.0	57.0#
101	0.0	8.2	12.4#
130	2.3	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

Tgt Ion:	136	Resp:	593231
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	4.7	3.8	5.6
68	4.9	3.9	5.9





#23

Nitrobenzene-d5

Concen: 86.804 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Instrument :

BNA_F

ClientSampleId :

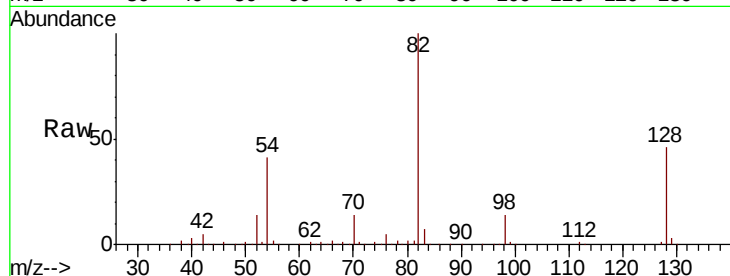
Tot Ion: 82 Resp: 975280

Ion Ratio Lower Upper

82 100

128 45.9 37.9 56.9

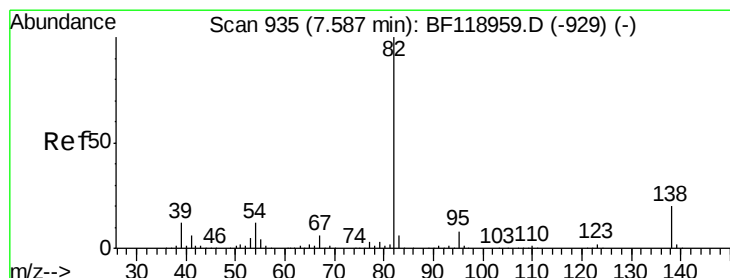
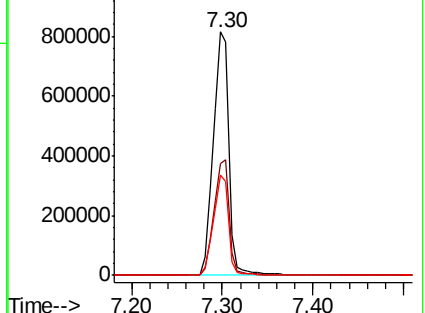
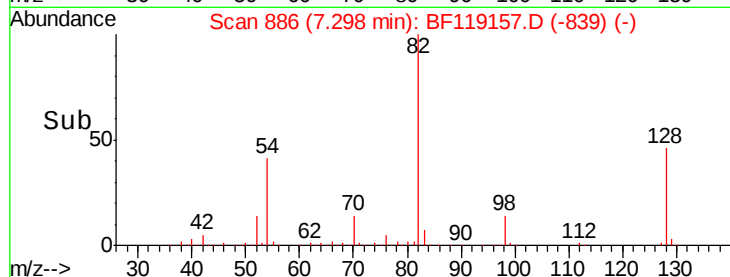
54 41.4 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 49.341 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

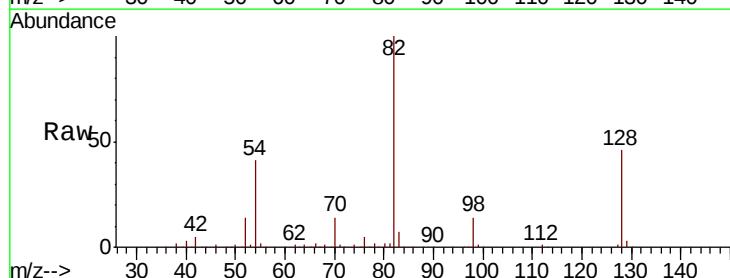
Tgt Ion: 82 Resp: 962768

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

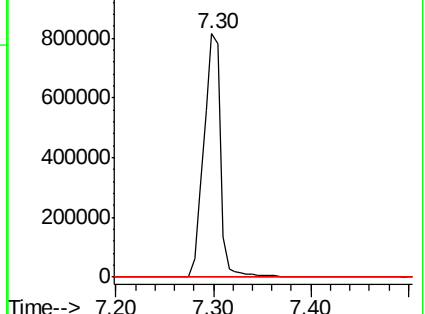
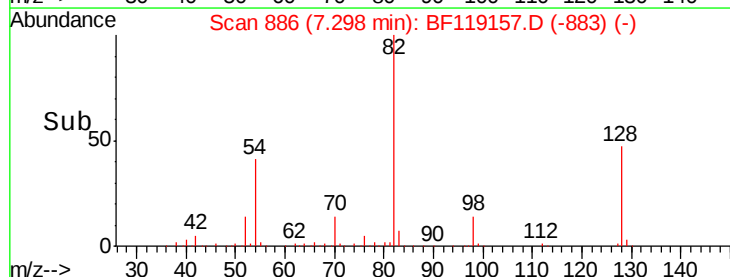
138 0.0 15.7 23.5#

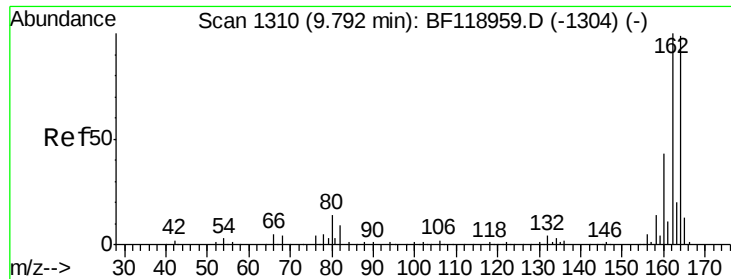


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Instrument :

BNA_F

ClientSampleId :

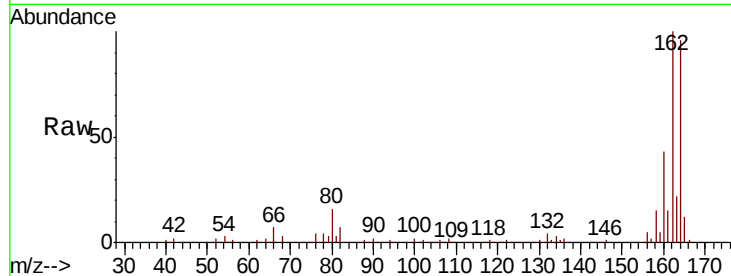
Tot Ion:164 Resp: 344026

Ion Ratio Lower Upper

164 100

162 104.0 81.8 122.8

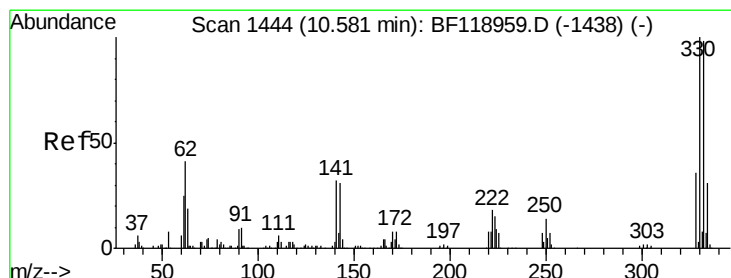
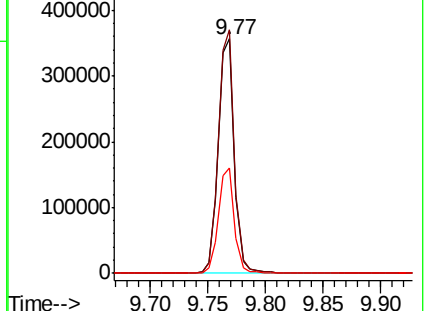
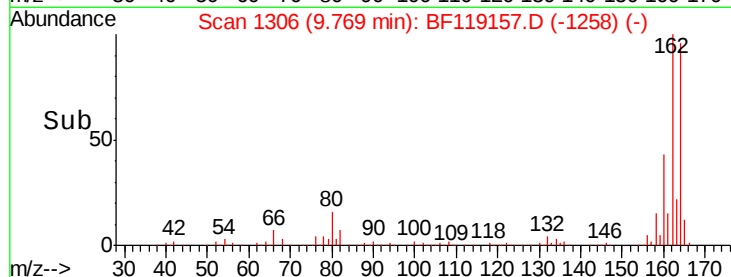
160 45.1 36.0 54.0



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: 127.005 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

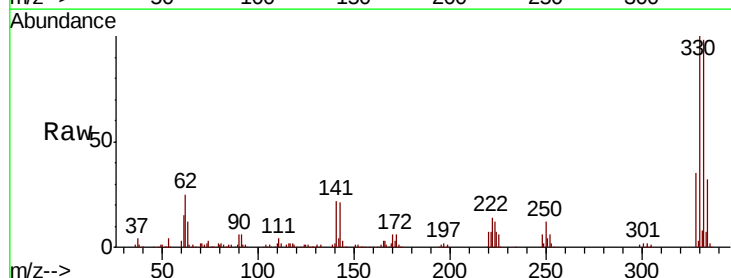
Tgt Ion:330 Resp: 571578

Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

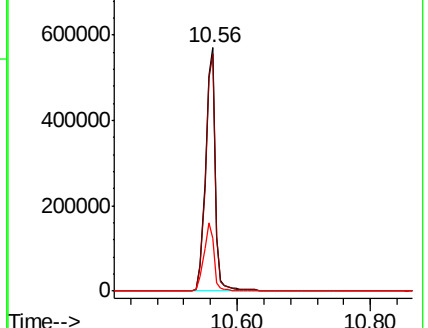
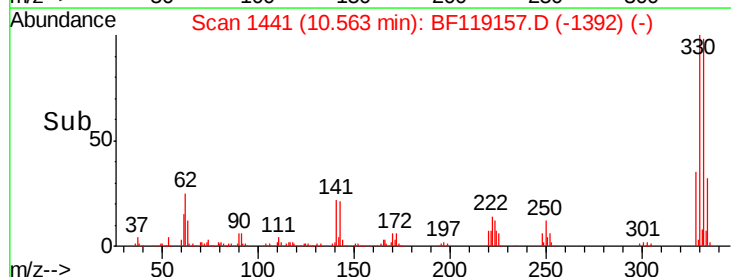
141 28.7 22.9 34.3

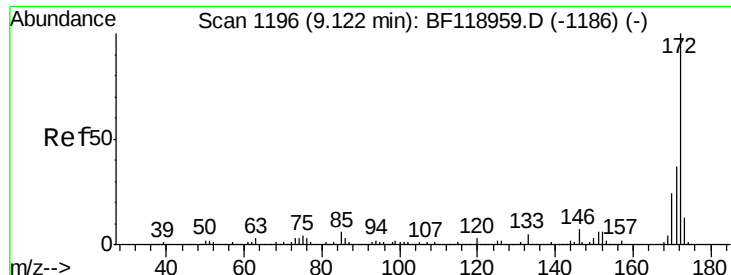


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

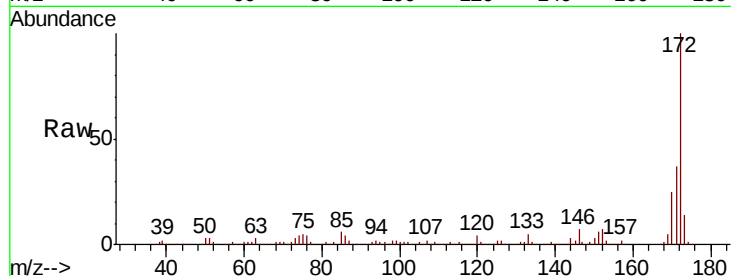




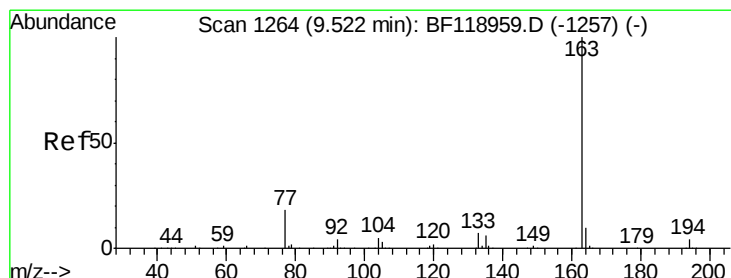
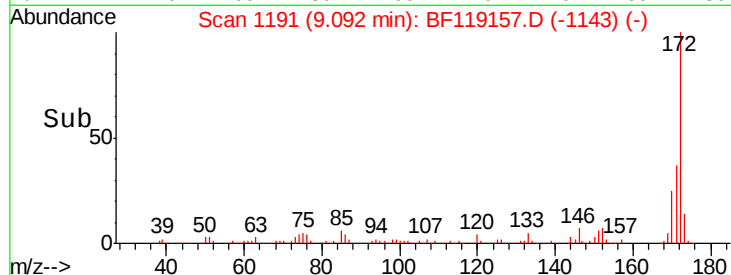
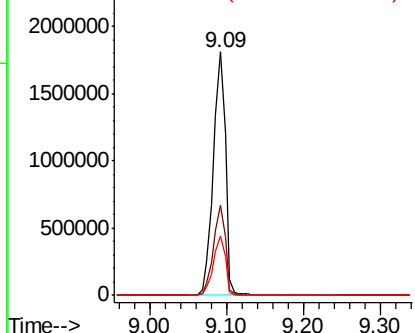
#45
2-Fluorobiphenyl
Concen: 83.448 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1948734
Ion Ratio Lower Upper
172 100
171 37.2 30.6 45.8
170 24.6 20.2 30.2

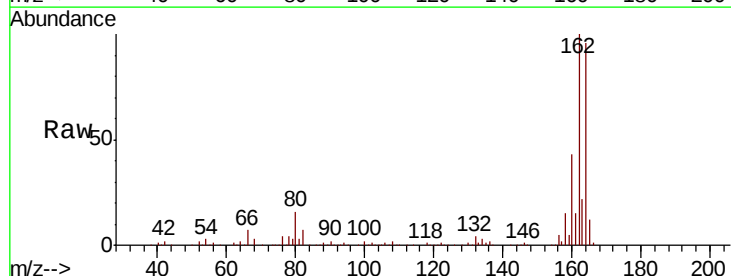


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

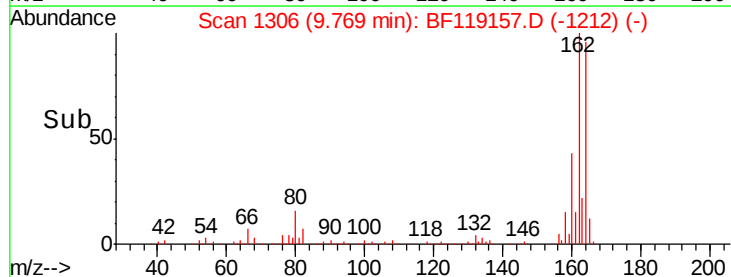
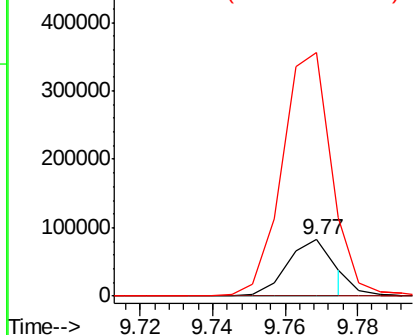


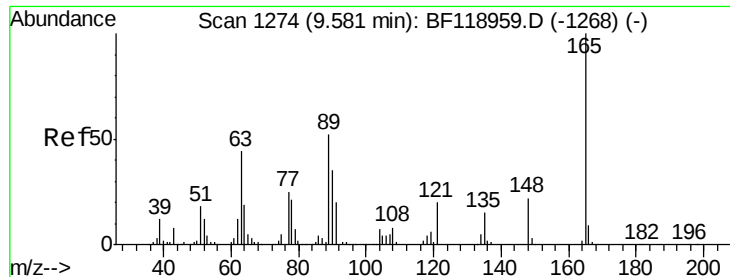
#50
Dimethylphthalate
Concen: 2.825 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.25 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

Tgt Ion:163 Resp: 74309
Ion Ratio Lower Upper
163 100
194 0.0 3.5 5.3#
164 432.1 8.4 12.6#



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: 7.382 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.19 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Instrument :
BNA_F
ClientSampled :

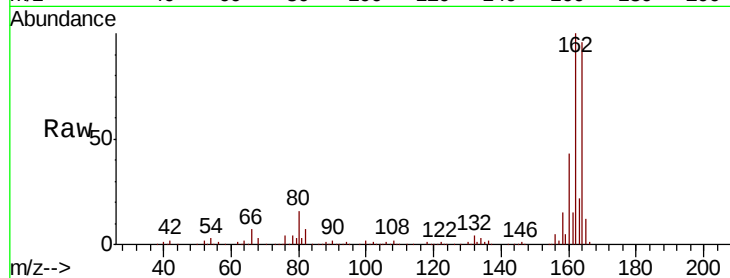
Tot Ion:165 Resp: 43148

Ion Ratio Lower Upper

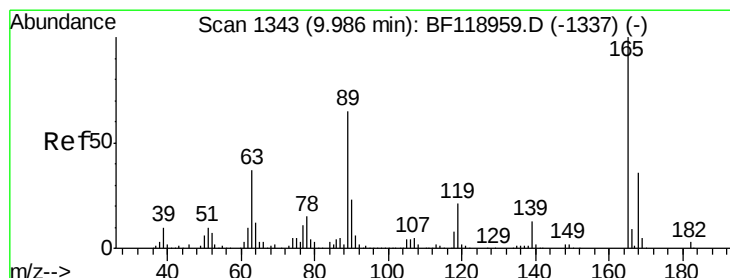
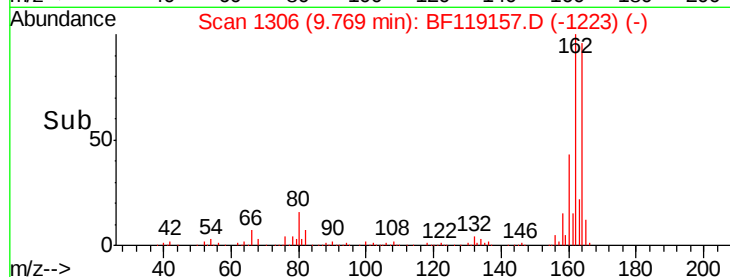
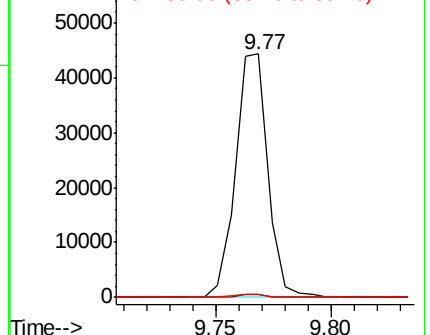
165 100

63 1.2 34.3 51.5#

89 1.3 38.3 57.5#



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: 5.696 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.22 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Tgt Ion:165 Resp: 43148

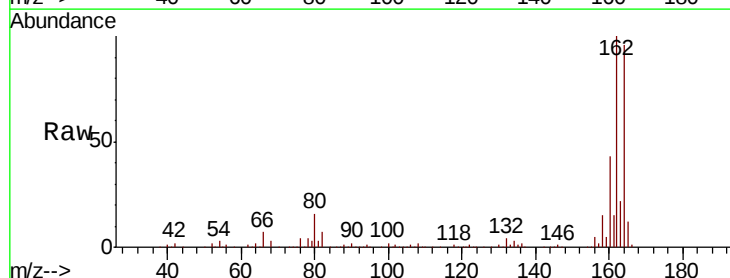
Ion Ratio Lower Upper

165 100

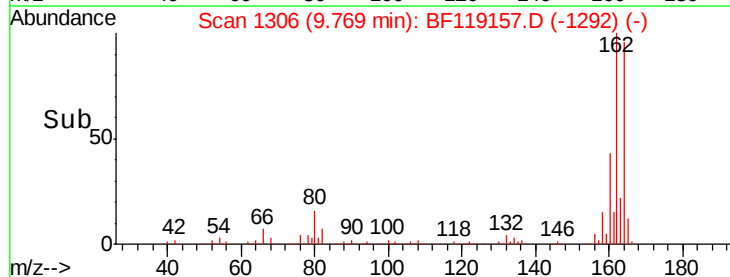
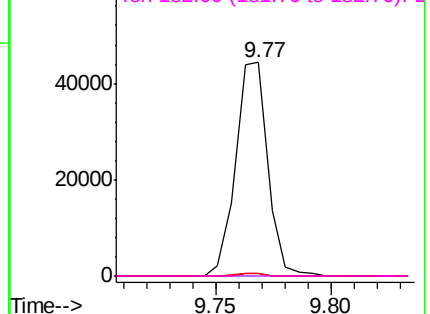
63 1.2 42.3 63.5#

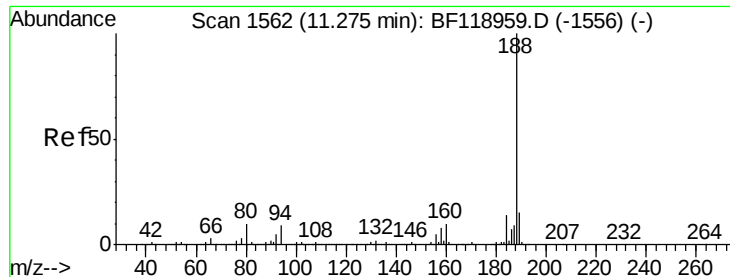
89 1.3 60.2 90.4#

182 0.0 2.3 3.5#



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

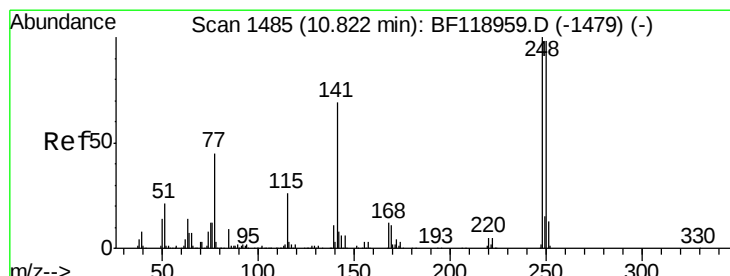
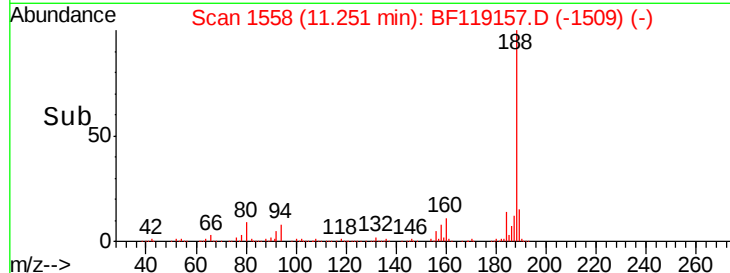
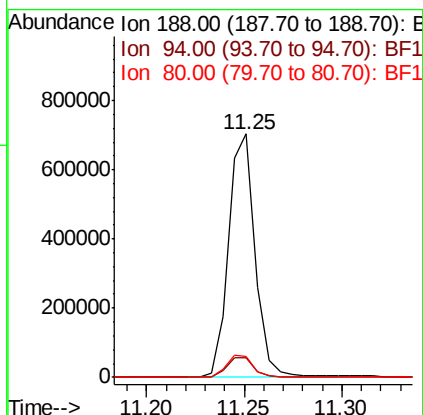
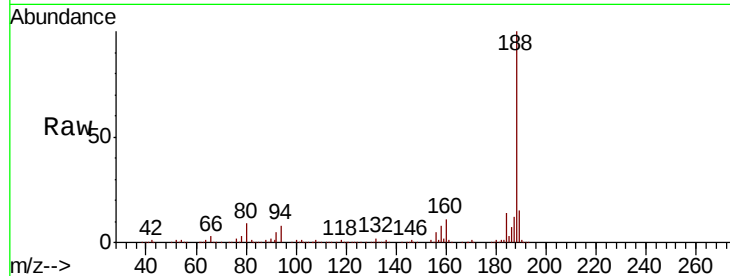




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

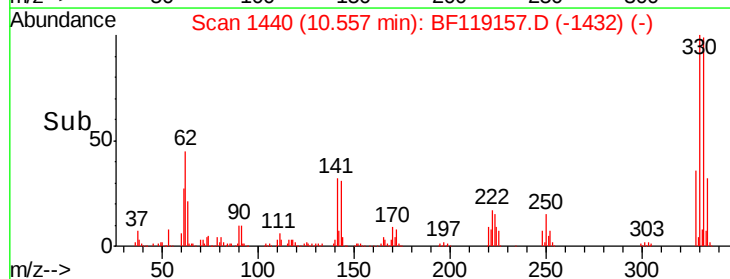
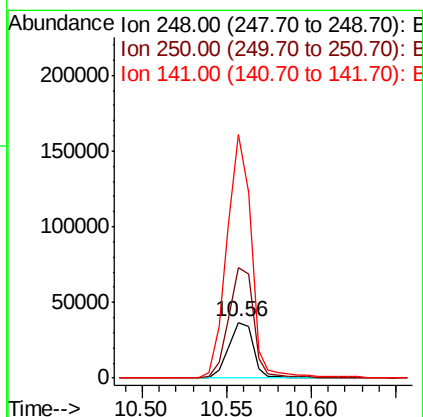
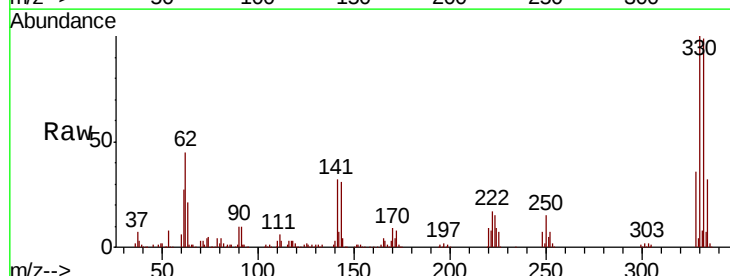
Instrument :
BNA_F
ClientSampleId :

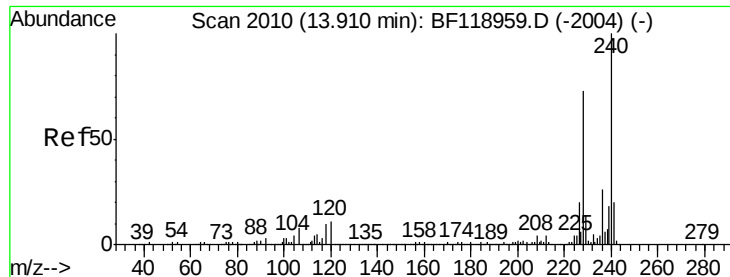
Tot Ion:188 Resp: 663637
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.5 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.364 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119157.D
Acq: 29 Feb 2020 14:20

Tgt Ion:248 Resp: 37854
Ion Ratio Lower Upper
248 100
250 200.0 76.7 115.1#
141 438.8 60.7 91.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

Instrument :

BNA_F

ClientSampleId :

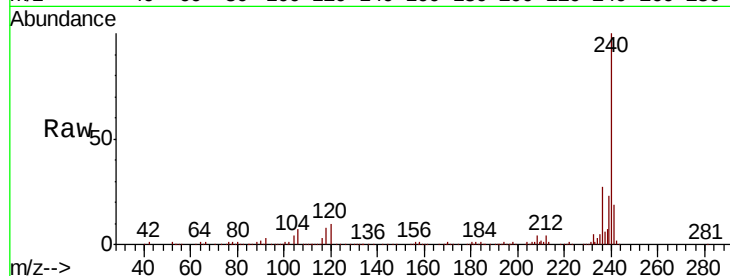
Tot Ion:240 Resp: 463793

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

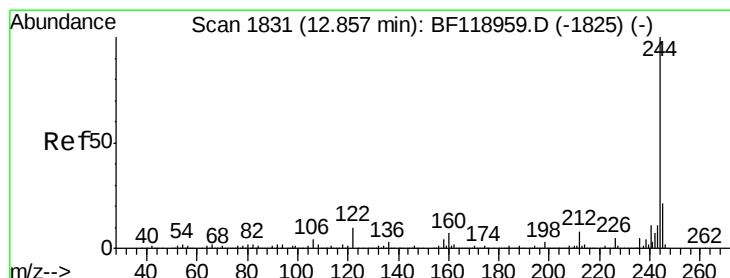
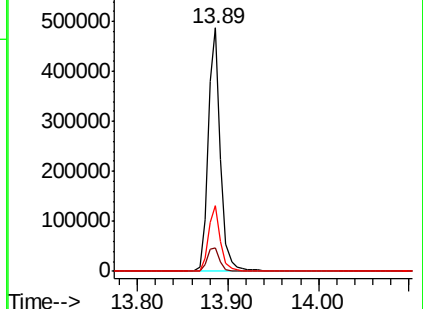
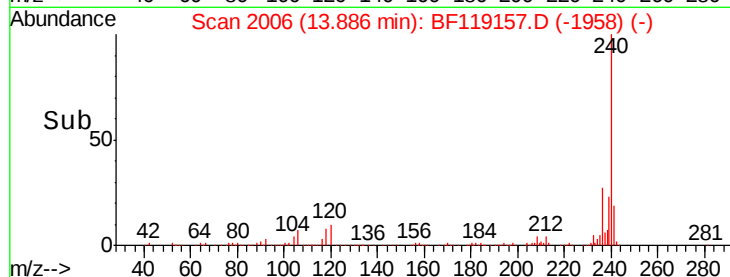
236 26.8 21.0 31.4



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: 93.508 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119157.D

Acq: 29 Feb 2020 14:20

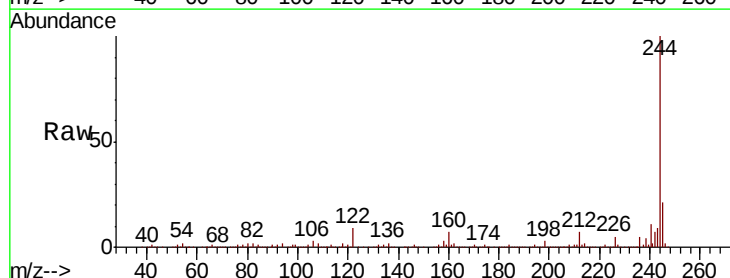
Tgt Ion:244 Resp: 2518967

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

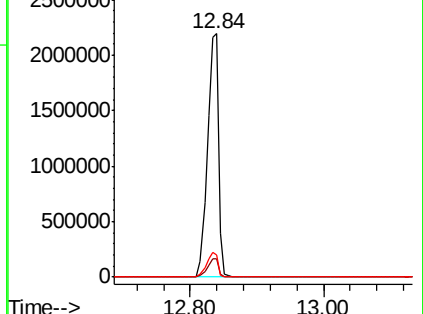
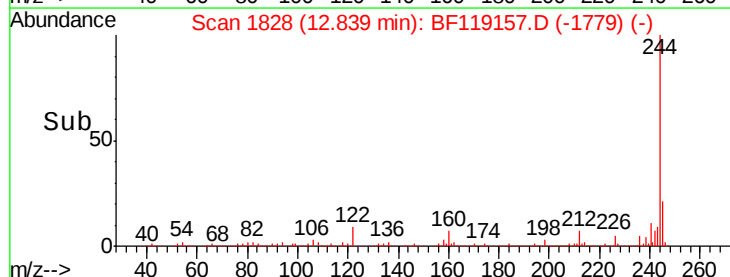
122 9.0 8.2 12.2

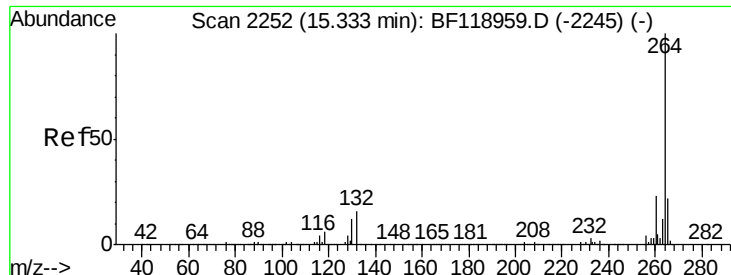


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF119157.D
 Acq: 29 Feb 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.6	17.7	26.5

