

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119137.D
 Acq On : 28 Feb 2020 18:20
 Operator : CG/JU
 Sample : L1718-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:39:45 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

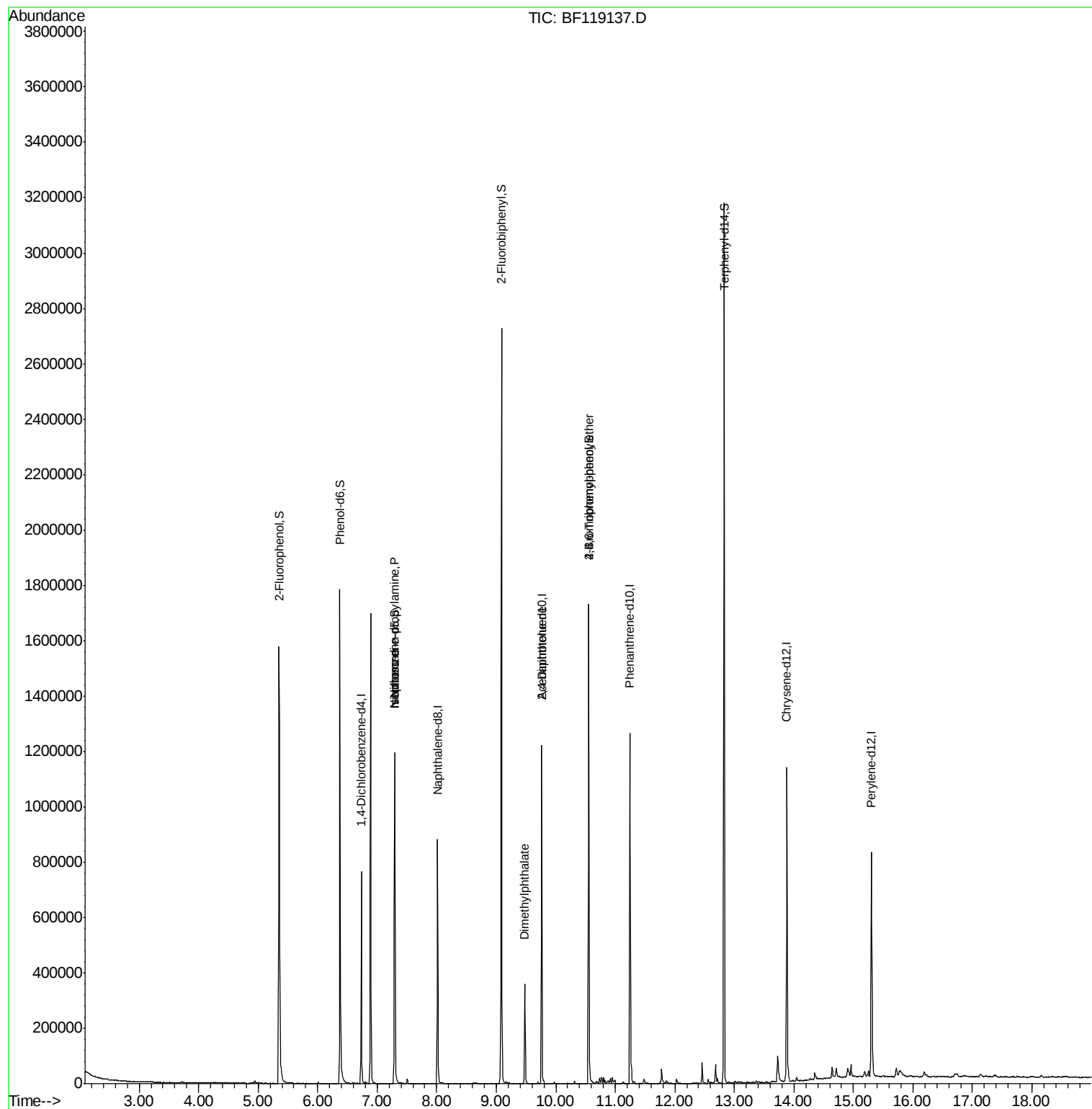
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118152	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	459167	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	251280	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	467471	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	361777	20.00	ng	-0.02
87) Perylene-d12	15.30	264	362403	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	508957	71.99	ng	-0.02
7) Phenol-d6	6.37	99	627358	72.96	ng	-0.03
23) Nitrobenzene-d5	7.29	82	403795	46.43	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	225203	68.51	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	845006	49.54	ng	-0.02
79) Terphenyl-d14	12.83	244	1069617	50.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	54752	10.928	ng	# 74
25) Isophorone	7.29	82	399501	26.452	ng	# 63
50) Dimethylphthalate	9.48	163	153304	7.978	ng	99
57) 2,4-Dinitrotoluene	9.76	165	31626	5.715	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	14381	2.354	ng	# 1

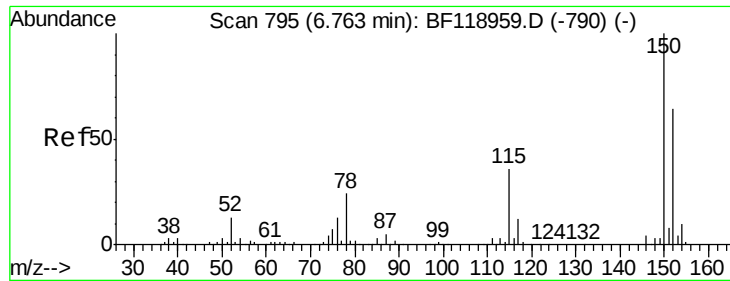
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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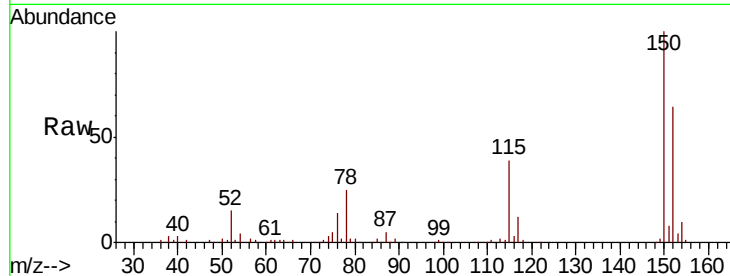


#1

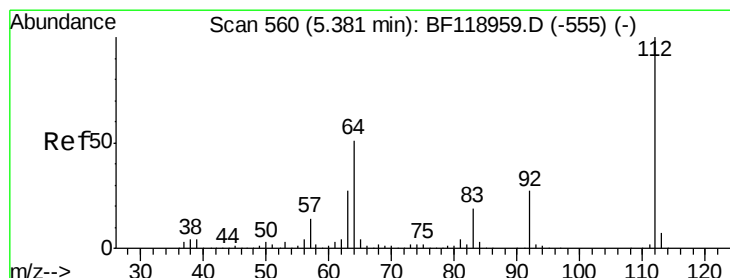
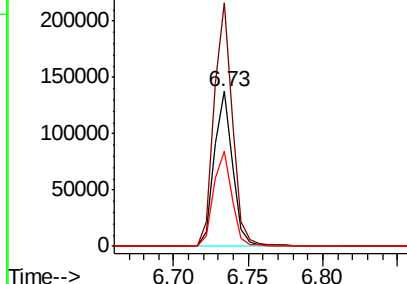
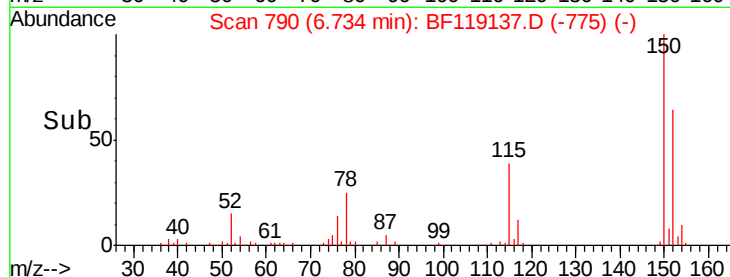
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119137.D
 Acq: 28 Feb 2020 18:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.6
115	61.6	49.5	74.3



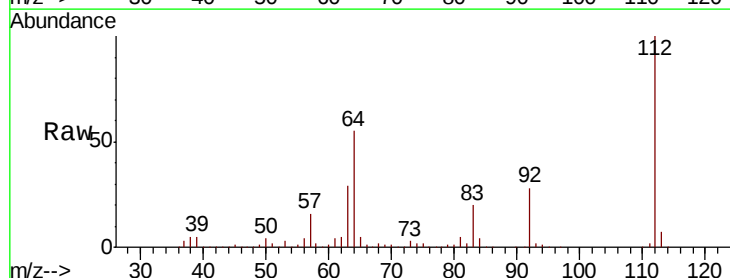
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



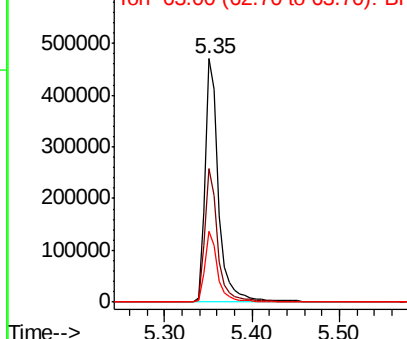
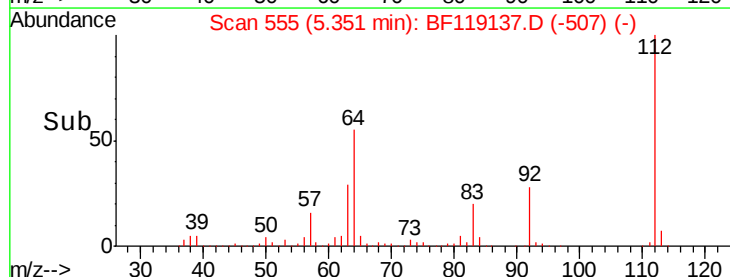
#5

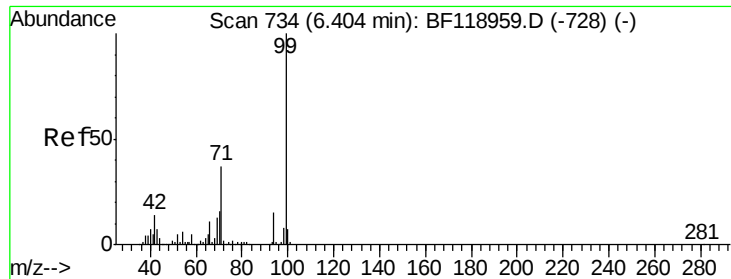
2-Fluorophenol
 Concen: 71.988 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF119137.D
 Acq: 28 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.0	67.4
63	29.1	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: 72.962 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

Instrument :

BNA_F

ClientSampled :

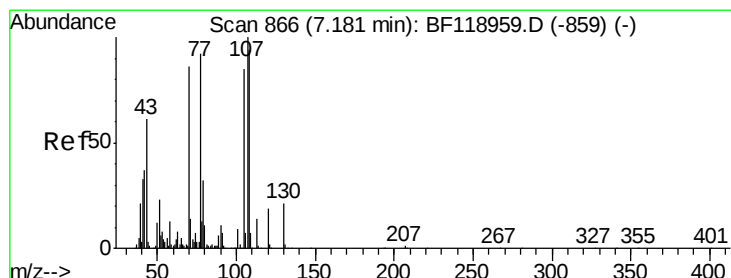
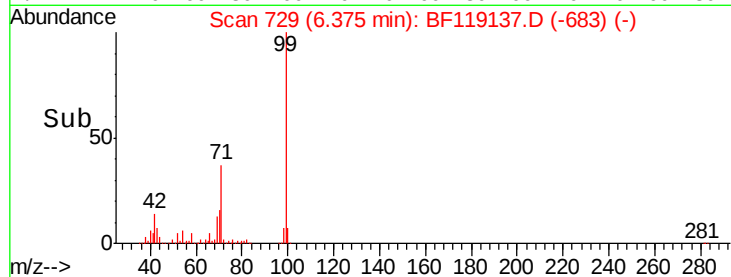
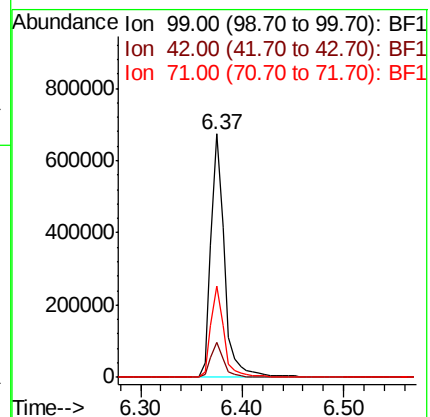
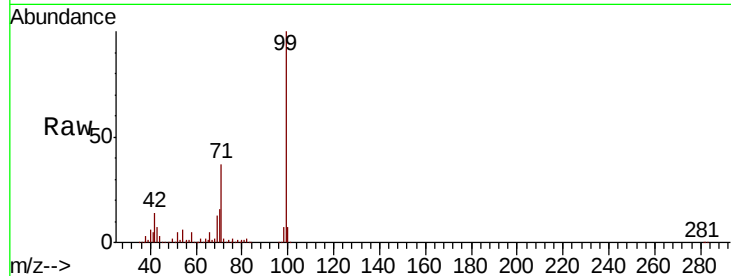
Tot Ion: 99 Resp: 627358

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

71 37.3 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.928 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

Tgt Ion: 70 Resp: 54752

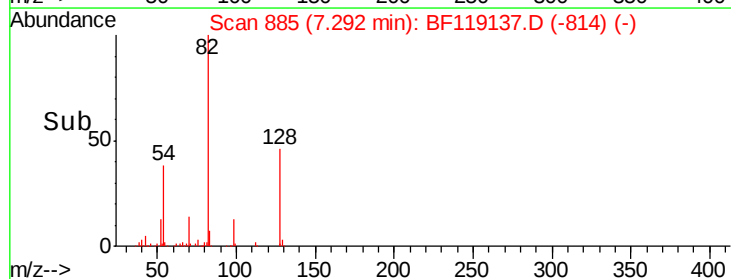
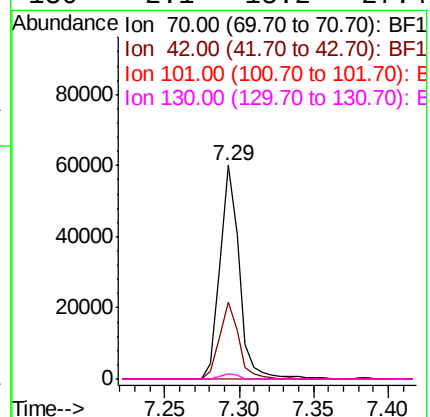
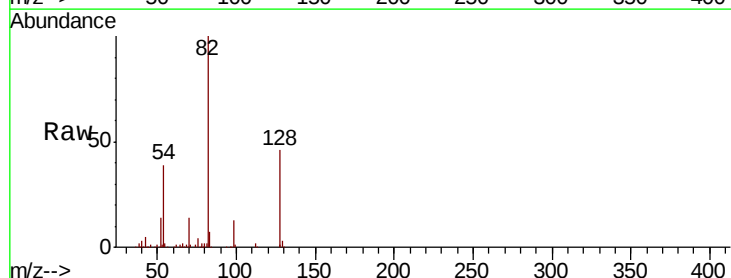
Ion Ratio Lower Upper

70 100

42 36.0 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 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: BF119137.D

Acq: 28 Feb 2020 18:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 459167

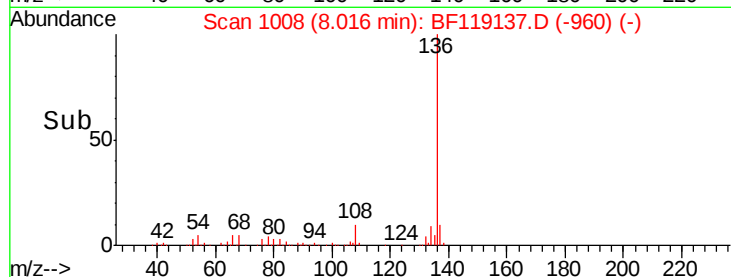
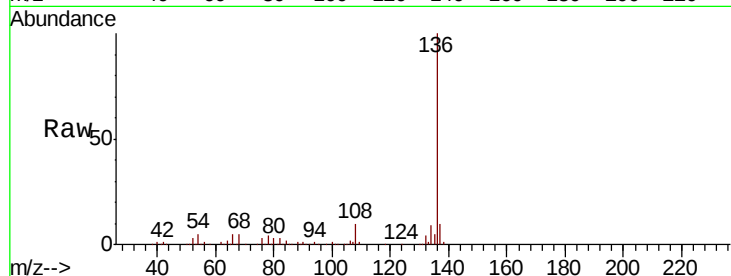
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 4.6 3.8 5.6

68 4.9 3.9 5.9

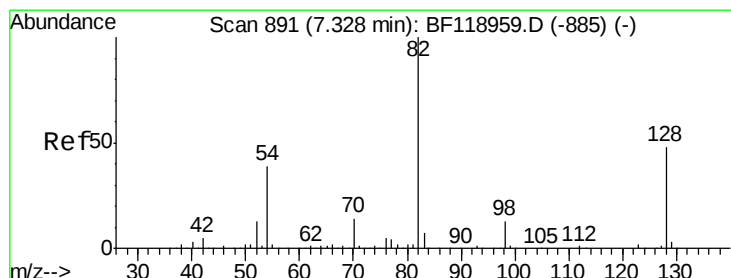
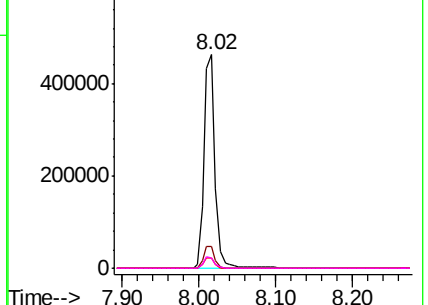


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.433 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

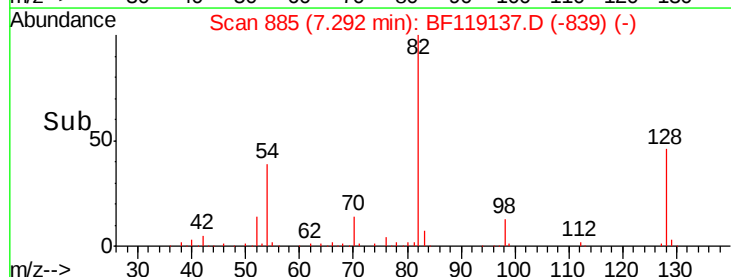
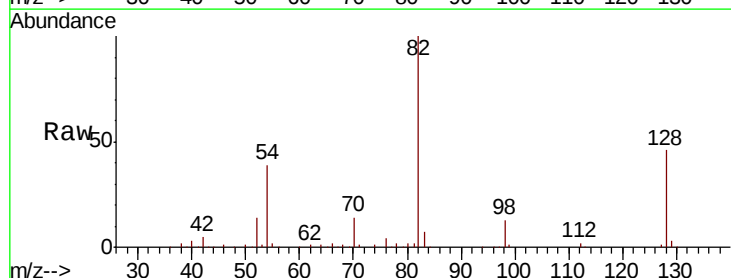
Tgt Ion: 82 Resp: 403795

Ion Ratio Lower Upper

82 100

128 45.6 37.9 56.9

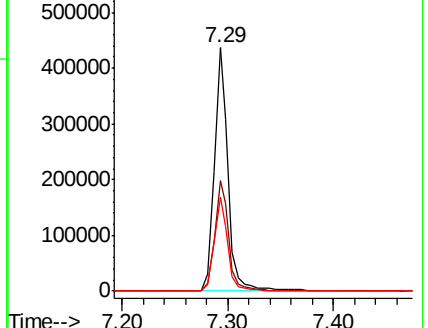
54 38.7 33.4 50.2

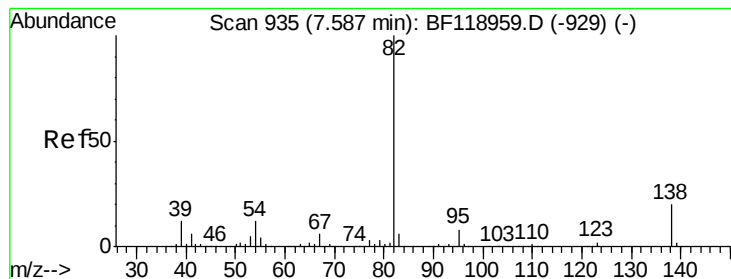


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 26.452 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

Instrument :

BNA_F

ClientSampled :

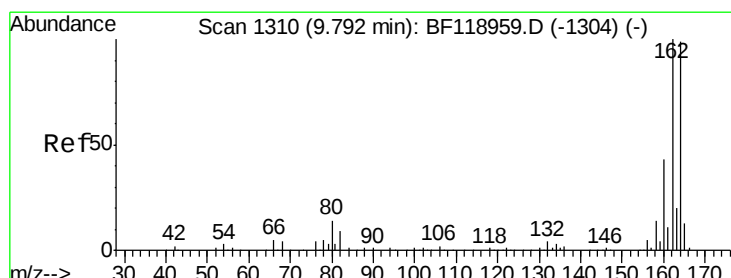
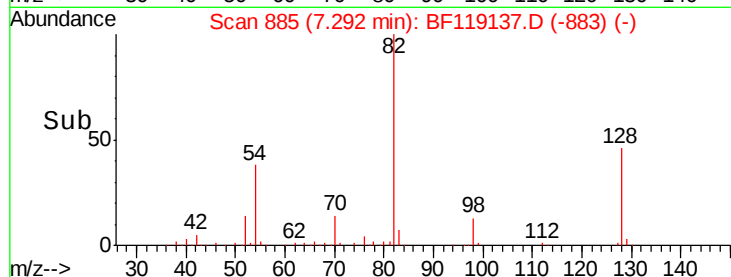
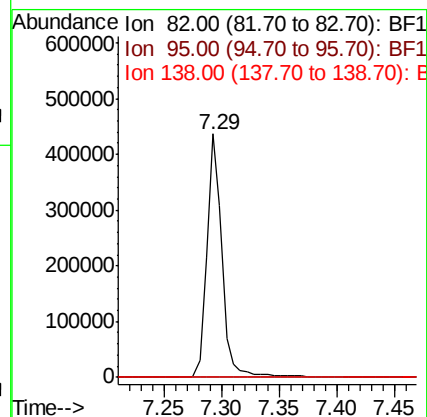
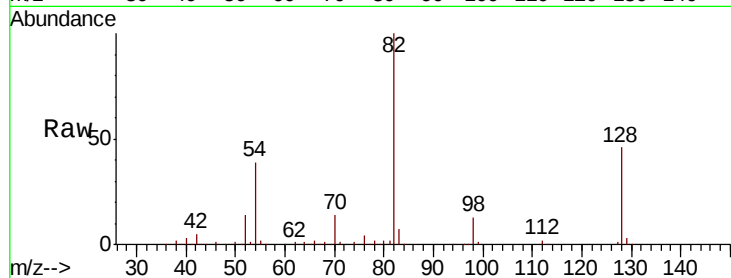
Tot Ion: 82 Resp: 399501

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

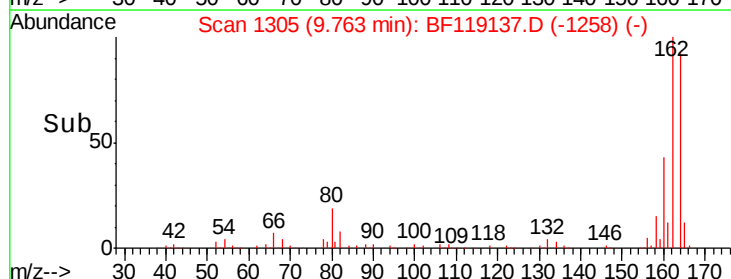
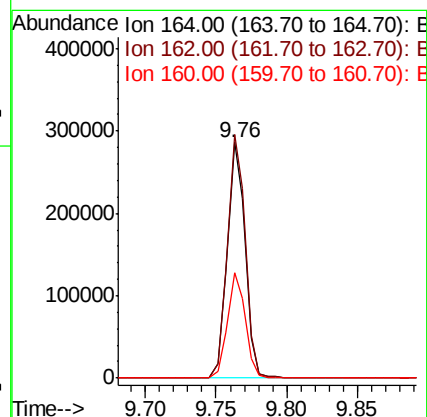
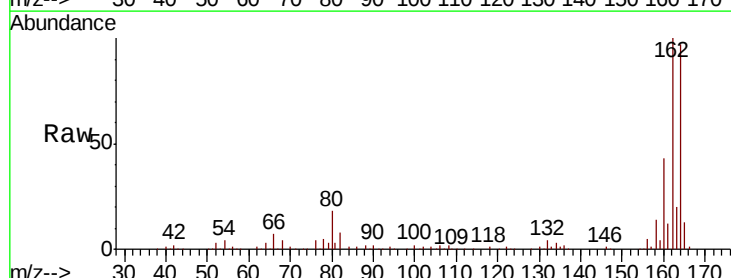
Tgt Ion: 164 Resp: 251280

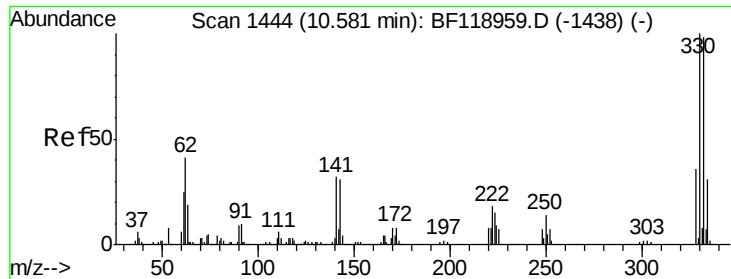
Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.8

160 44.8 36.0 54.0

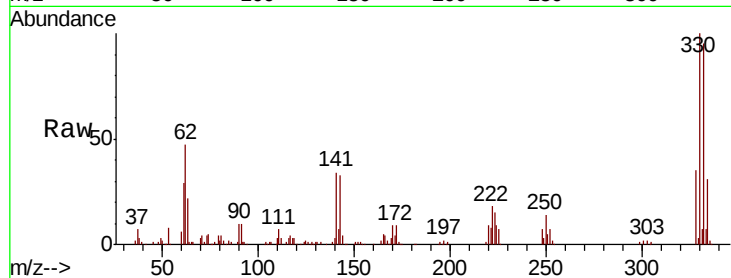




#42
 2,4,6-Tribromophenol
 Concen: 68.510 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119137.D
 Acq: 28 Feb 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	29.9	22.9	34.3

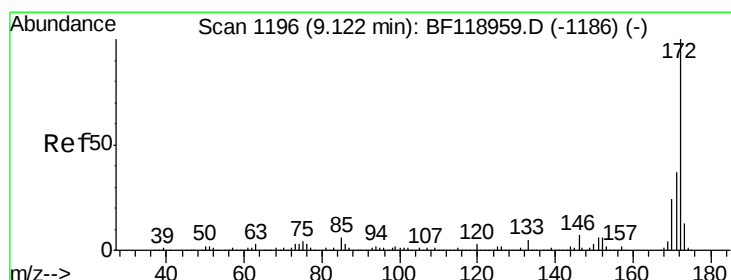
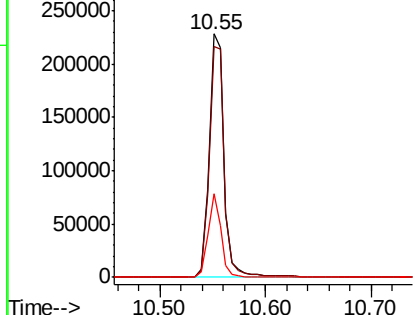
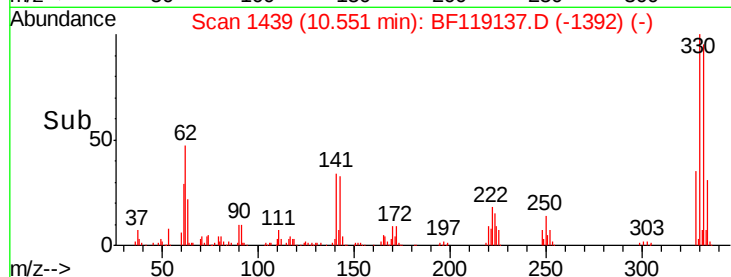


Abundance

Ion 329.80 (329.50 to 330.50): E

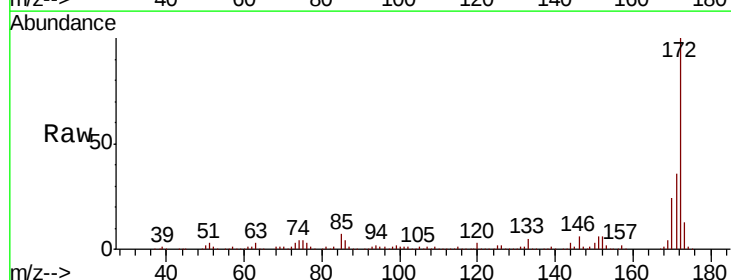
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 49.540 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119137.D
 Acq: 28 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	45.8
170	23.6	20.2	30.2

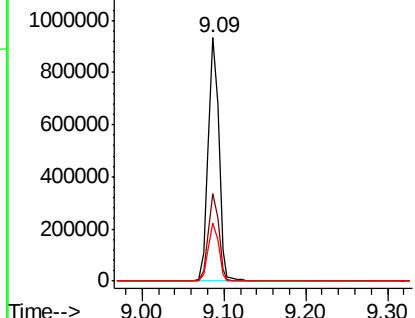
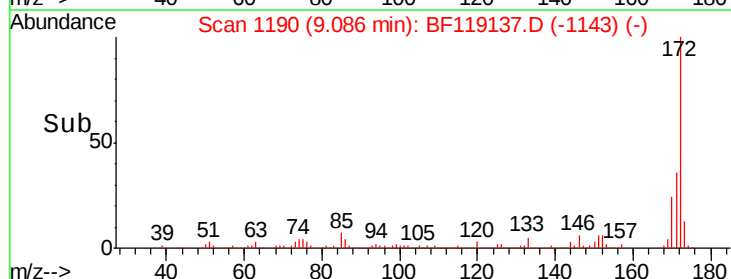


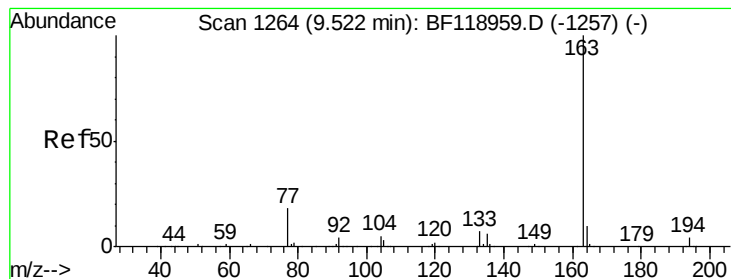
Abundance

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: 7.978 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

Instrument :

BNA_F

ClientSampleId :

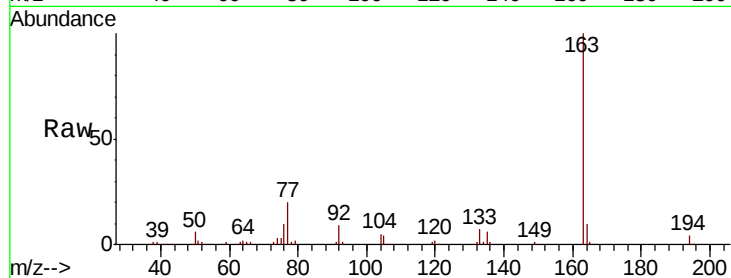
Tot Ion:163 Resp: 153304

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

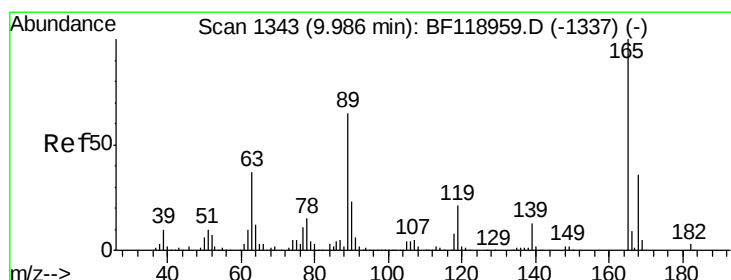
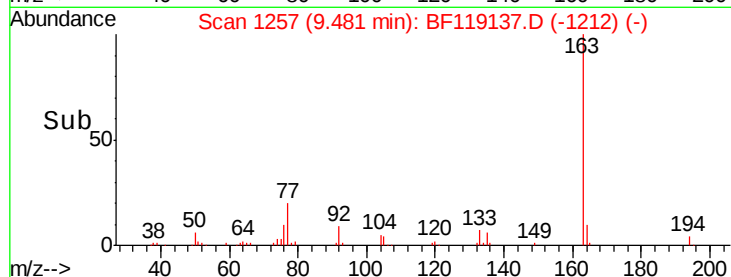
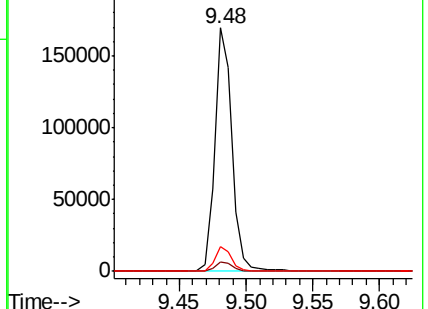
164 10.2 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.715 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.22 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

Tgt Ion:165 Resp: 31626

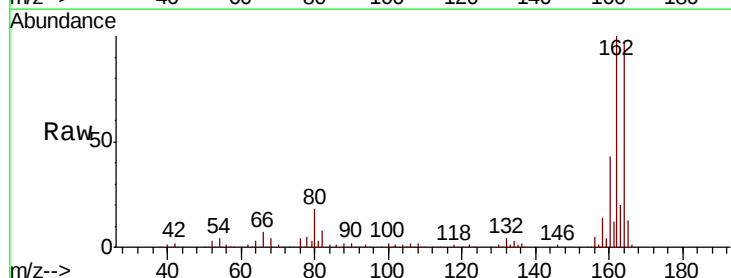
Ion Ratio Lower Upper

165 100

63 1.2 42.3 63.5#

89 1.6 60.2 90.4#

182 0.0 2.3 3.5#

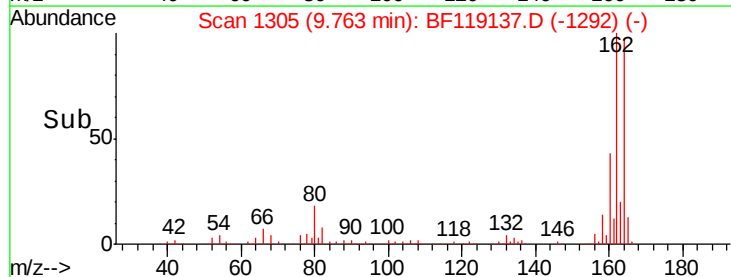
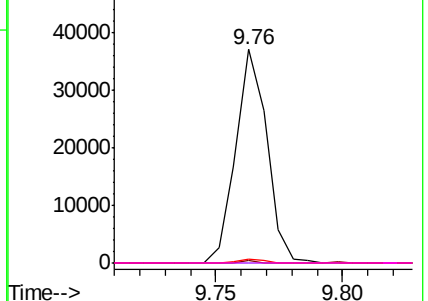


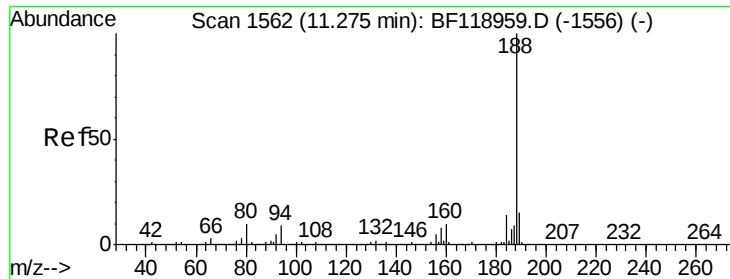
Abundance Ion 165.00 (164.70 to 165.70): E

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

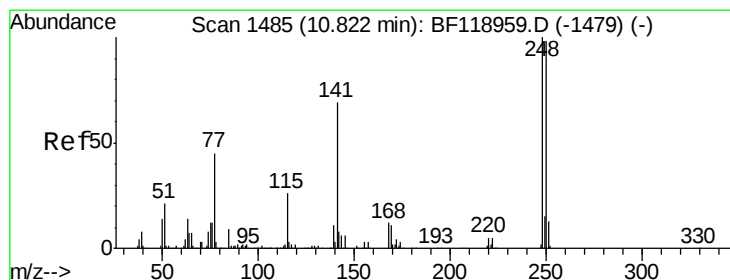
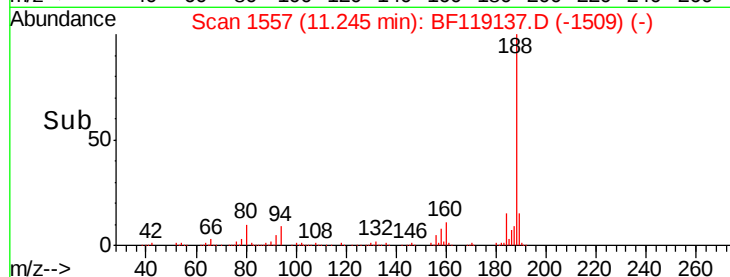
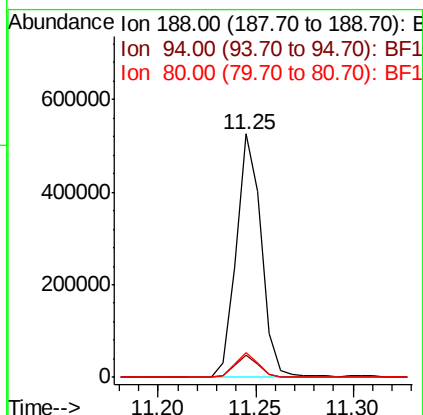
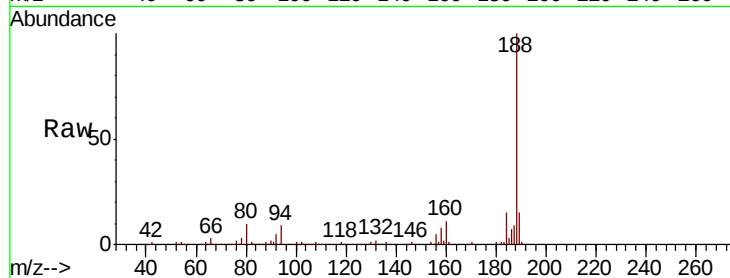




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119137.D
 Acq: 28 Feb 2020 18:20

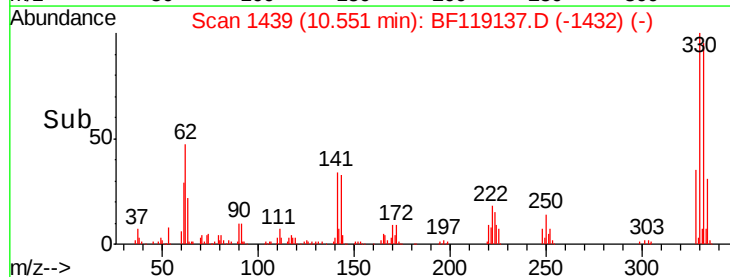
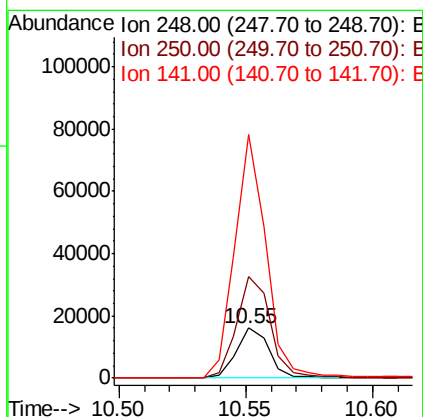
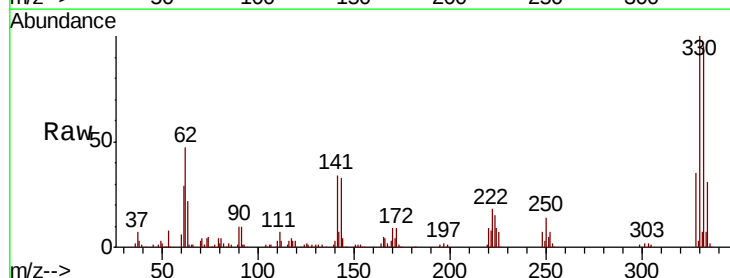
Instrument :
 BNA_F
 ClientSampleId :

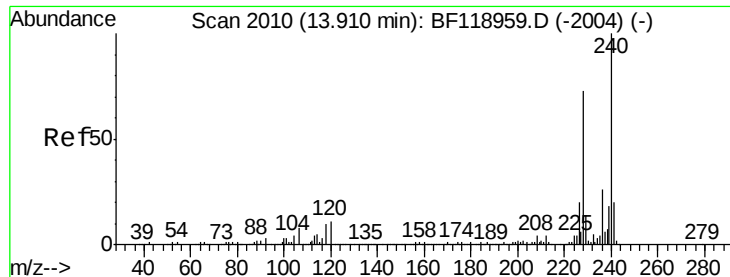
Tot Ion:188 Resp: 467471
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.1 10.7
 80 10.0 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.354 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.26 min
 Lab File: BF119137.D
 Acq: 28 Feb 2020 18:20

Tgt Ion:248 Resp: 14381
 Ion Ratio Lower Upper
 248 100
 250 204.1 76.7 115.1#
 141 489.5 60.7 91.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

Instrument :

BNA_F

ClientSampleId :

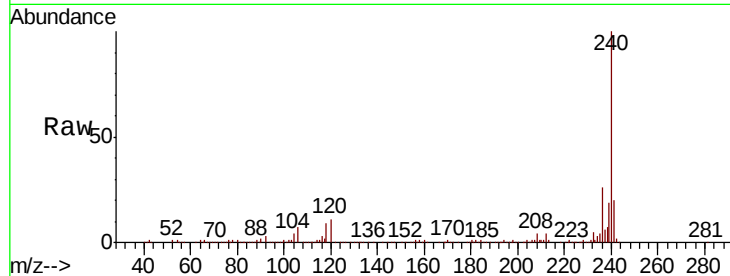
Tot Ion:240 Resp: 361777

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

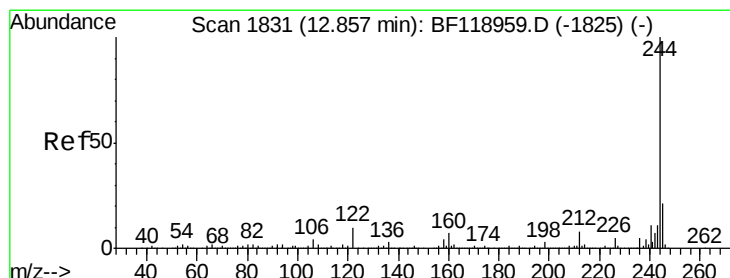
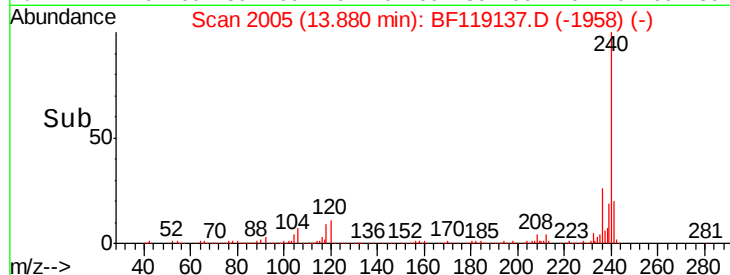
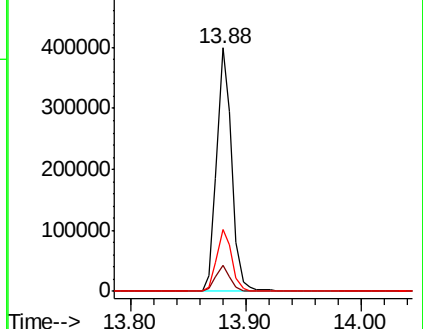
236 25.6 21.0 31.4



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: 50.902 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119137.D

Acq: 28 Feb 2020 18:20

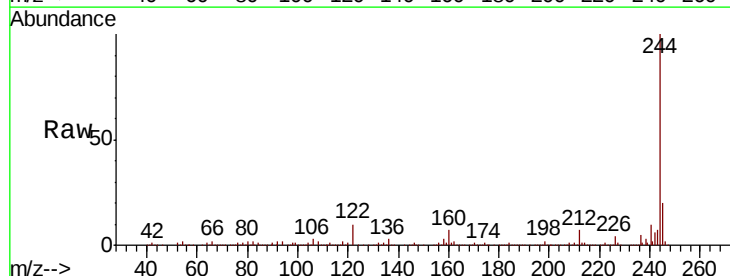
Tgt Ion:244 Resp: 1069617

Ion Ratio Lower Upper

244 100

212 7.0 6.6 10.0

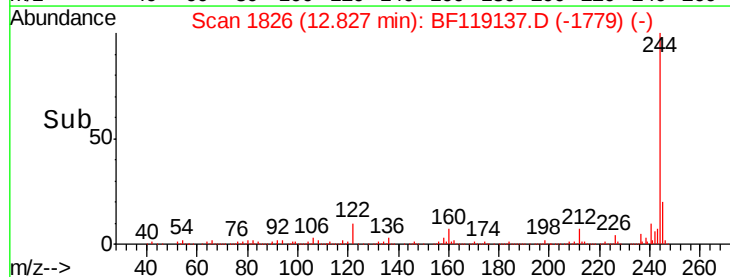
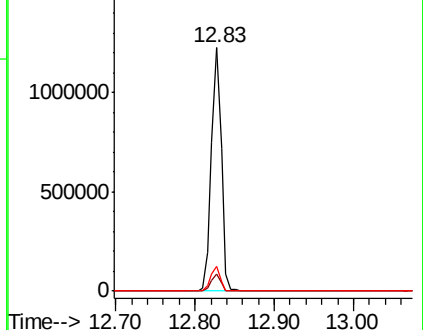
122 9.9 8.2 12.2

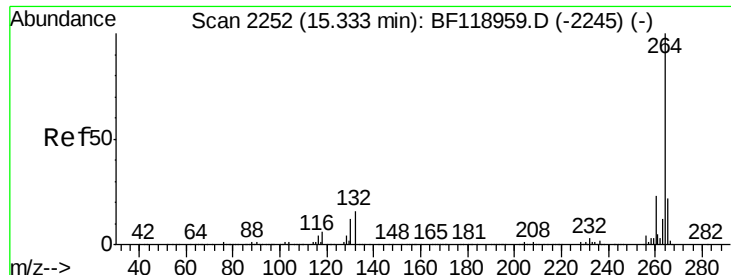


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119137.D
Acq: 28 Feb 2020 18:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.7	26.5

