

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119351.D
 Acq On : 11 Mar 2020 17:33
 Operator : CG/JU
 Sample : L1864-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Mar 11 18:08:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

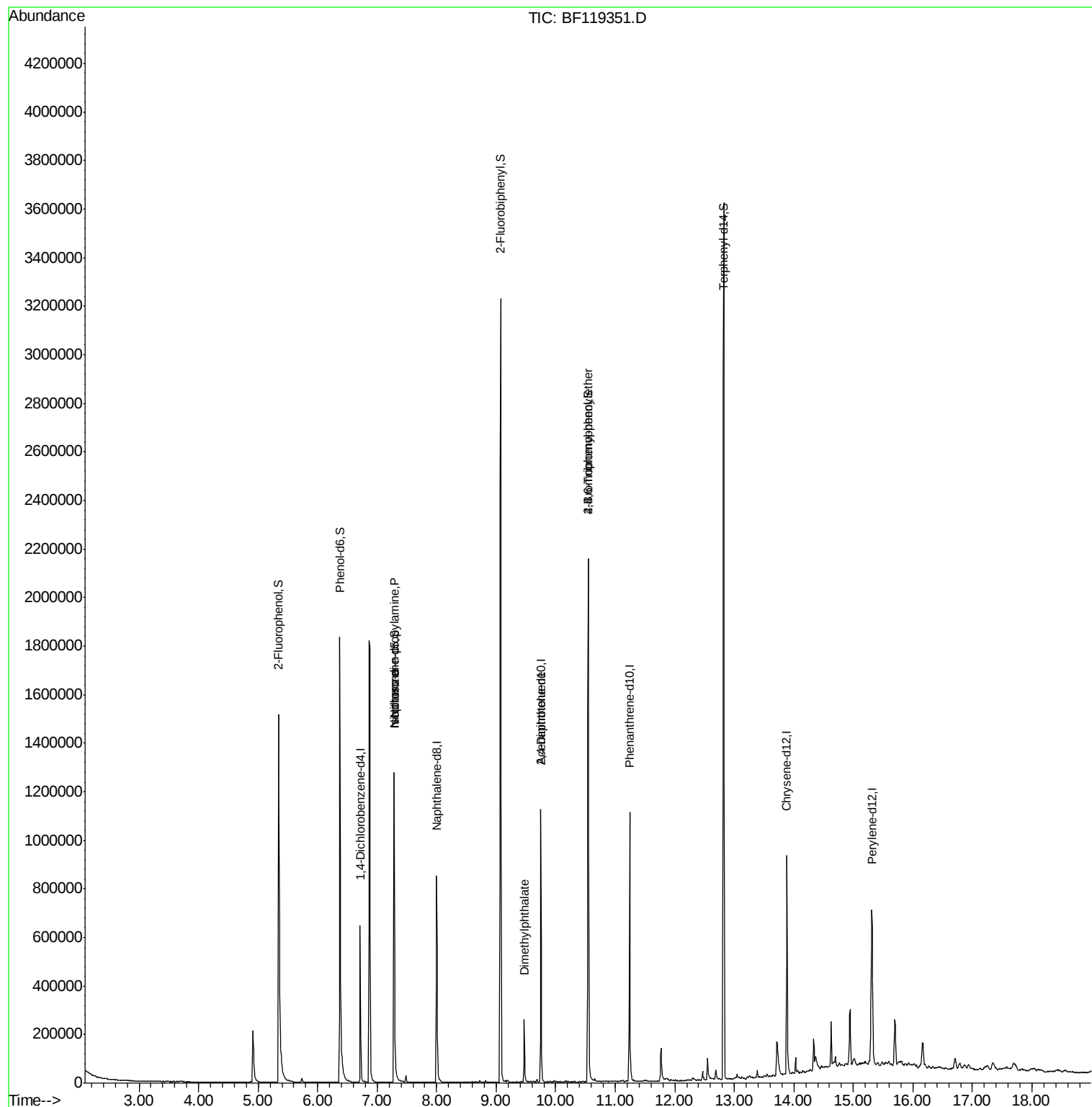
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106553	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	410889	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	229545	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	435850	20.00	ng	0.00
76) Chrysene-d12	13.88	240	301818	20.00	ng	0.00
87) Perylene-d12	15.31	264	303173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	619069	97.09	ng	0.00
7) Phenol-d6	6.37	99	781821	100.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	513533	65.99	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	283320	94.35	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	995531	63.89	ng	-0.01
79) Terphenyl-d14	12.82	244	1273193	72.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	69842	15.457	ng	# 75
25) Isophorone	7.29	82	513533	37.997	ng	# 63
50) Dimethylphthalate	9.47	163	123219	7.020	ng	98
57) 2,4-Dinitrotoluene	9.75	165	29331	5.803	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	19231	3.376	ng	# 1

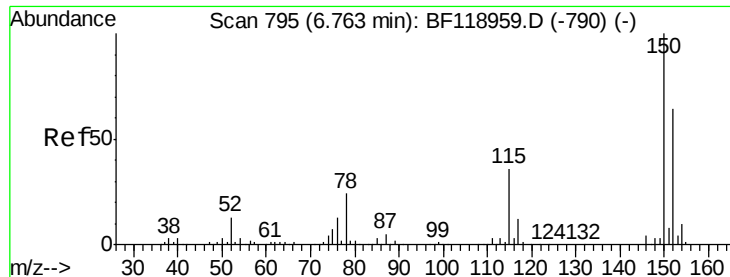
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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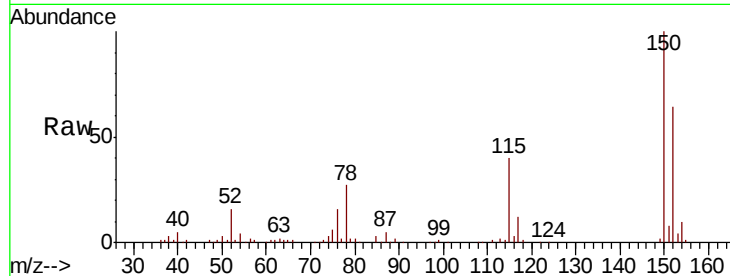


#1

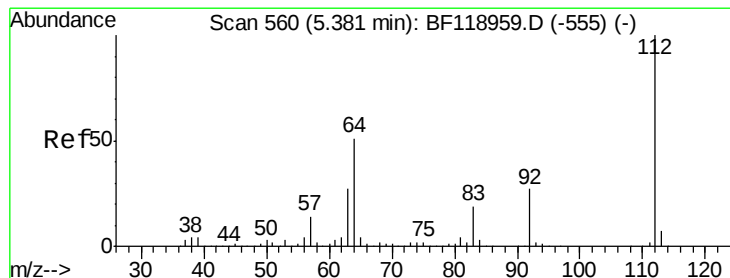
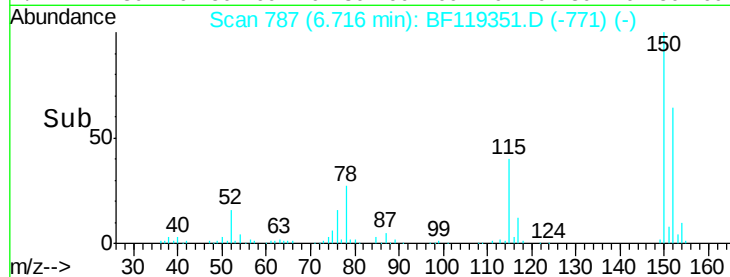
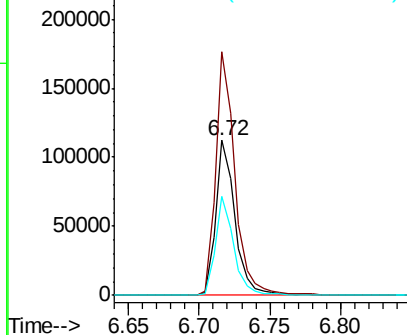
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119351.D
Acq: 11 Mar 2020 17:33

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion:152 Resp: 106553
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.6
115 63.5 49.5 74.3



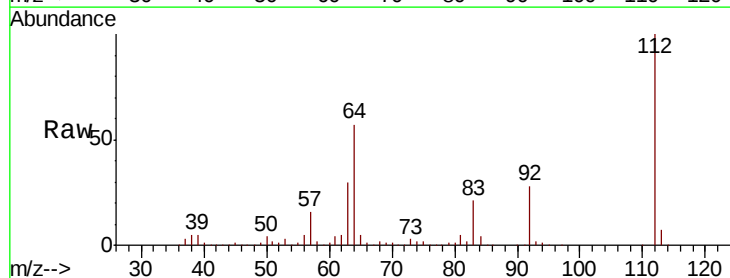
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



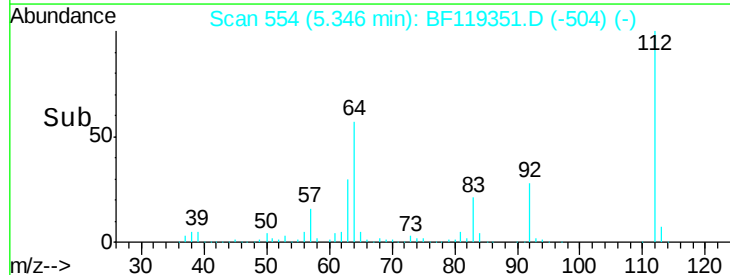
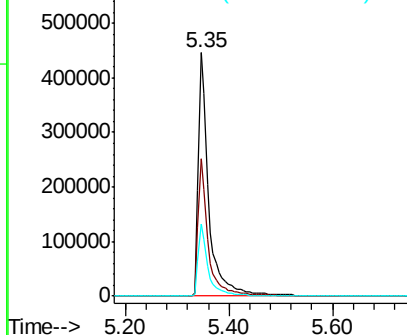
#5

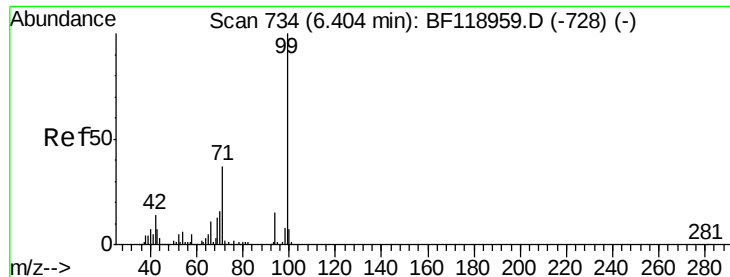
2-Fluorophenol
Concen: 97.095 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF119351.D
Acq: 11 Mar 2020 17:33

Tgt Ion:112 Resp: 619069
Ion Ratio Lower Upper
112 100
64 56.6 45.0 67.4
63 29.6 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: 100.824 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Instrument :

BNA_F

ClientSampled :

SP-3

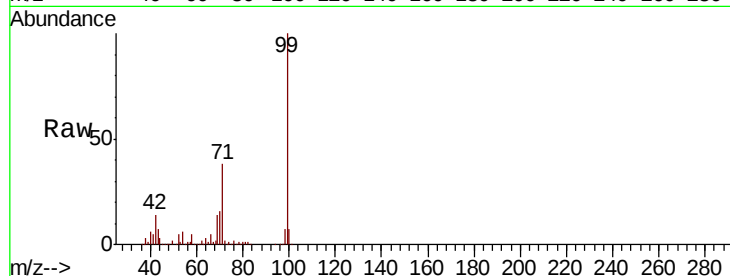
Tot Ion: 99 Resp: 781821

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

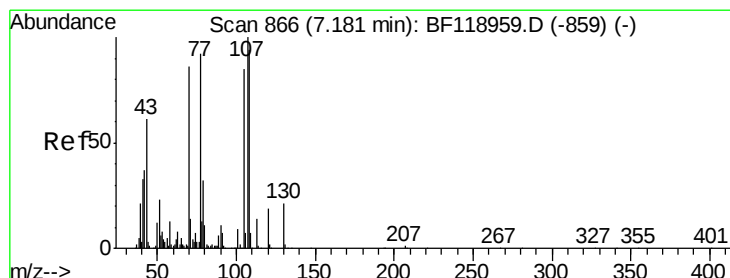
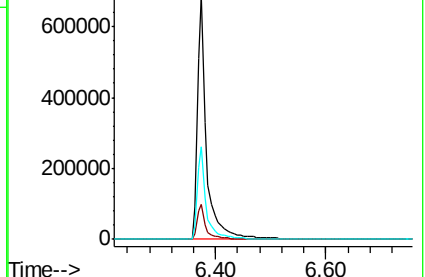
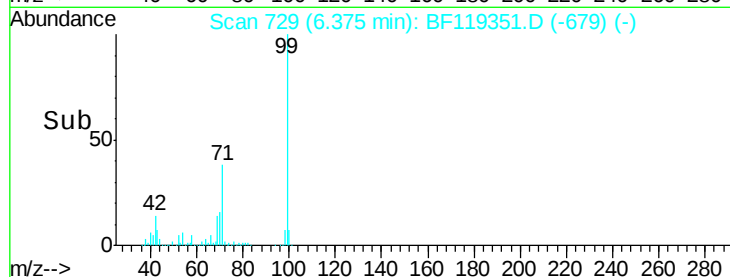
71 38.2 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.457 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Tgt Ion: 70 Resp: 69842

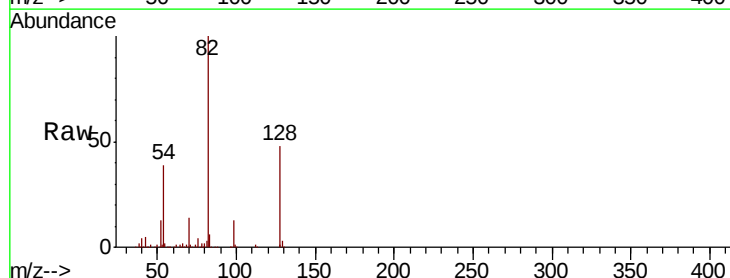
Ion Ratio Lower Upper

70 100

42 36.4 38.0 57.0#

101 0.0 8.2 12.4#

130 2.6 18.2 27.4#

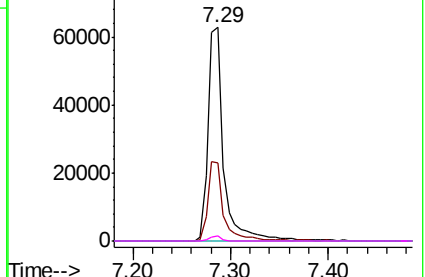
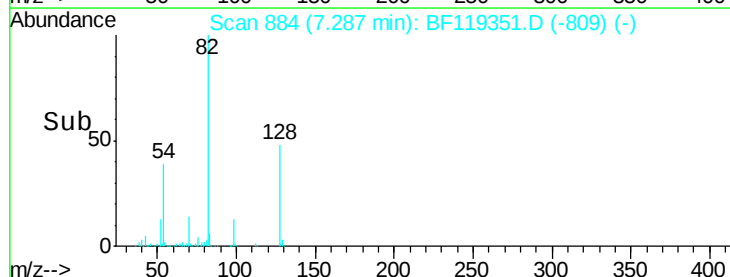


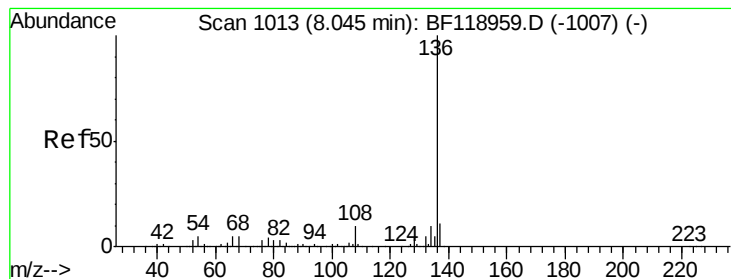
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Instrument :

BNA_F

ClientSampleId :

SP-3

Tot Ion:136 Resp: 410889

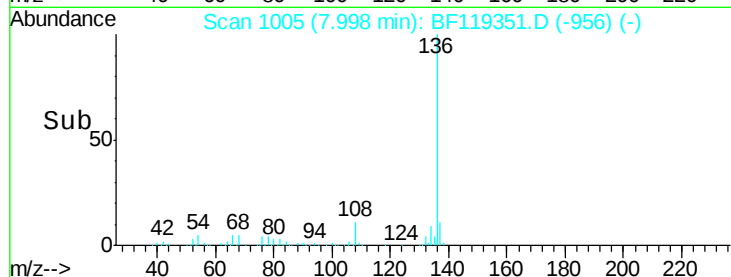
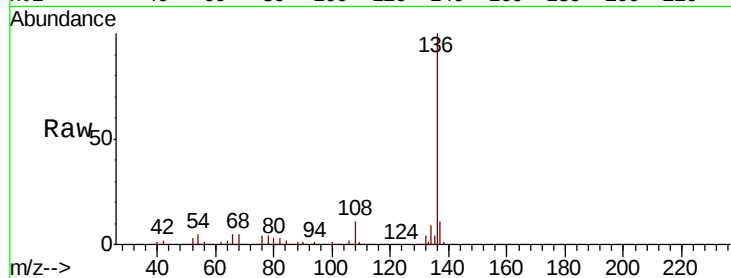
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.1 3.8 5.6

68 5.2 3.9 5.9

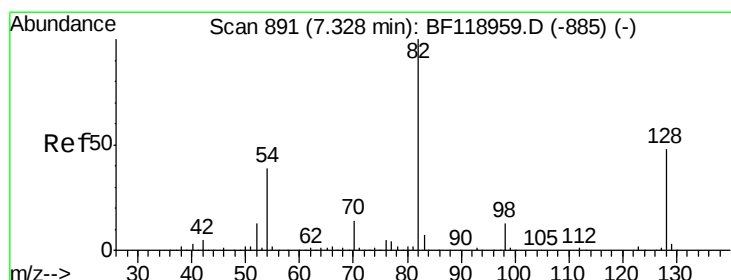
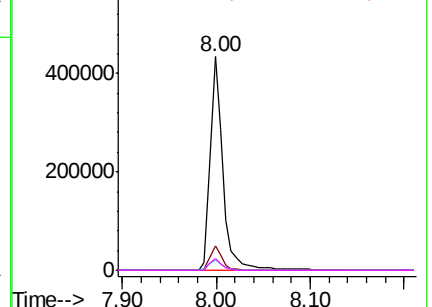


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.990 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

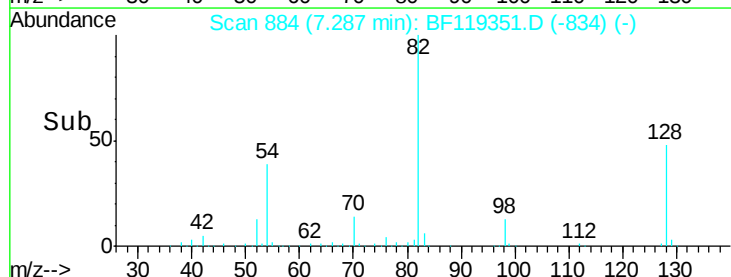
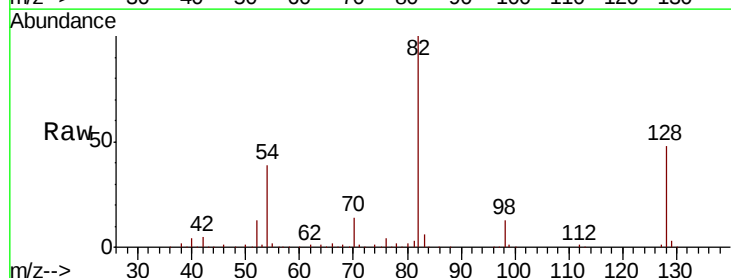
Tgt Ion: 82 Resp: 513533

Ion Ratio Lower Upper

82 100

128 48.0 37.9 56.9

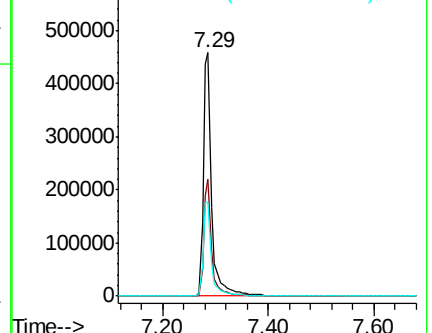
54 38.7 33.4 50.2

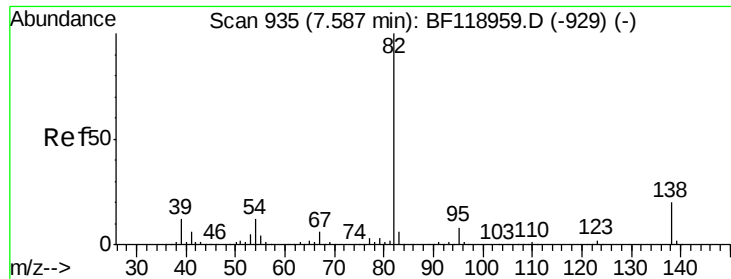


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

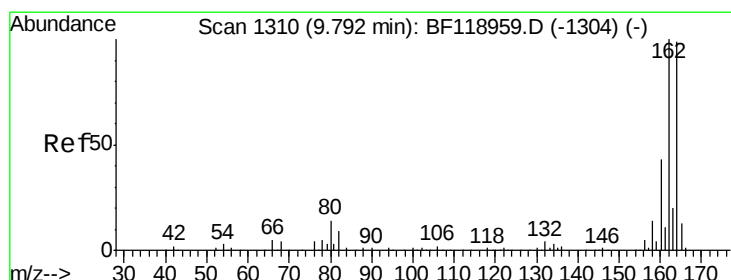
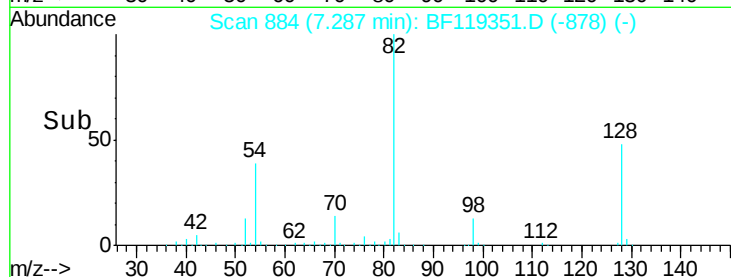
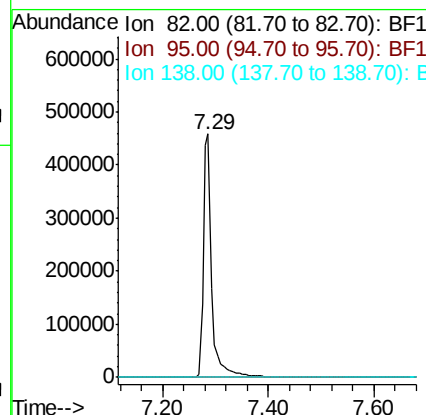
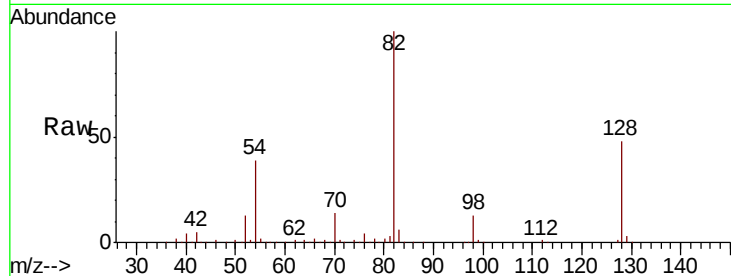




#25
Isophorone
Concen: 37.997 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119351.D
Acq: 11 Mar 2020 17:33

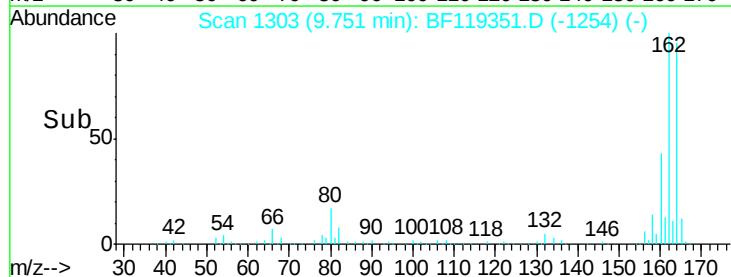
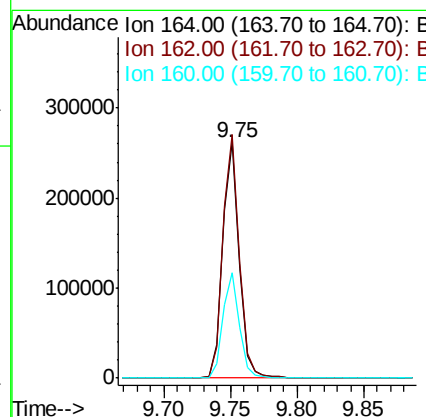
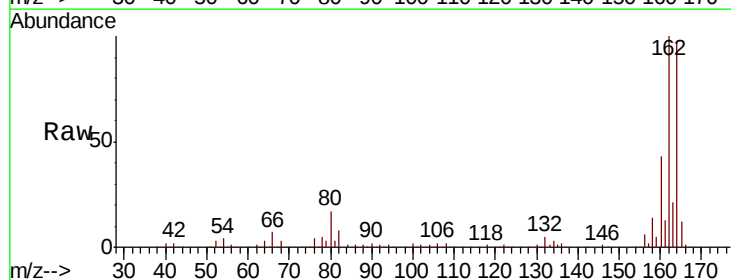
Instrument :
BNA_F
ClientSampleId :
SP-3

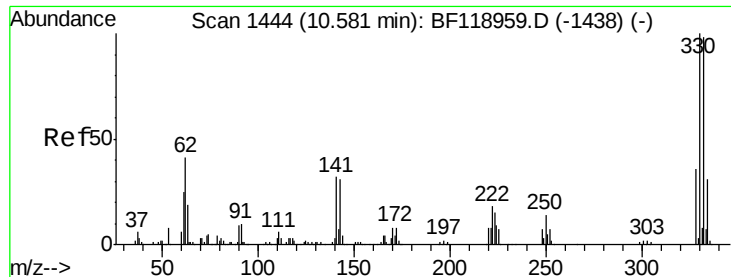
Tot Ion: 82 Resp: 513533
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119351.D
Acq: 11 Mar 2020 17:33

Tgt Ion: 164 Resp: 229545
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.8
160 44.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 94.351 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Instrument :

BNA_F

ClientSampleId :

SP-3

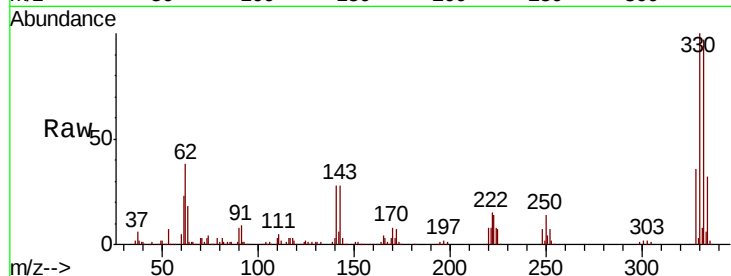
Tot Ion:330 Resp: 283320

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

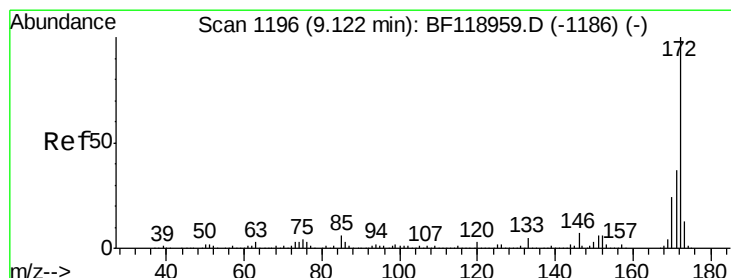
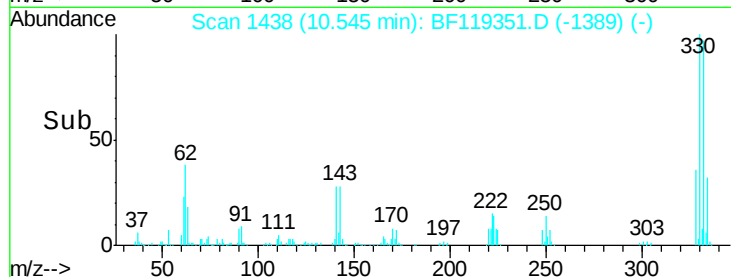
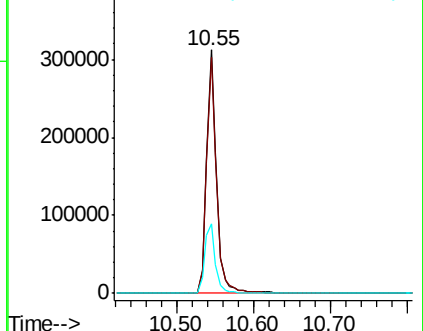
141 31.0 22.9 34.3



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: 63.891 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

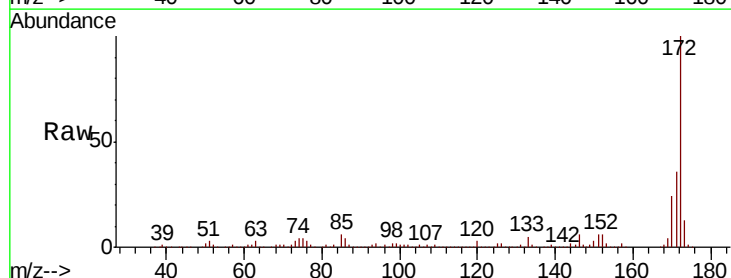
Tgt Ion:172 Resp: 995531

Ion Ratio Lower Upper

172 100

171 36.1 30.6 45.8

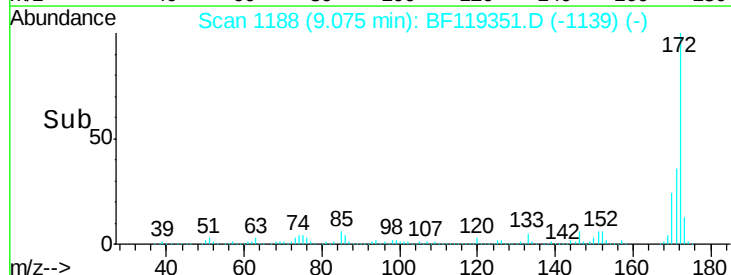
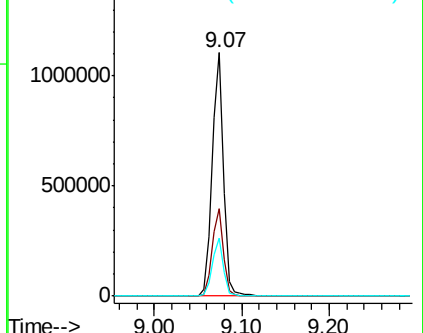
170 23.7 20.2 30.2

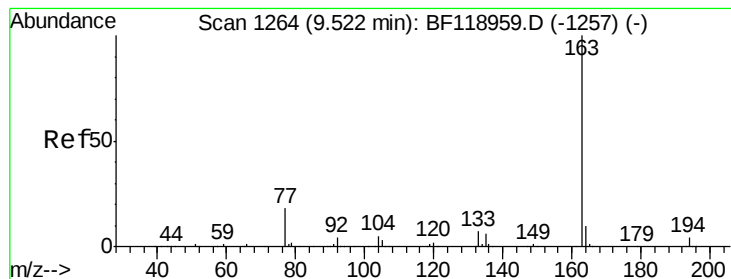


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.020 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Instrument :

BNA_F

ClientSampleId :

SP-3

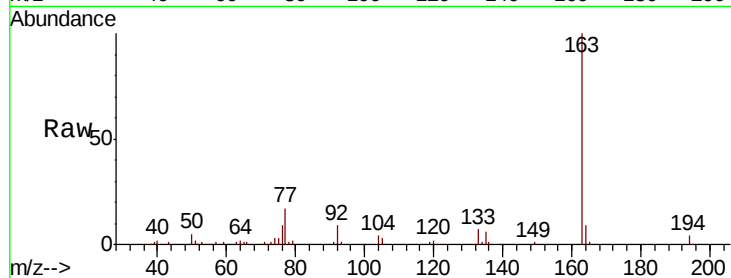
Tot Ion:163 Resp: 123219

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

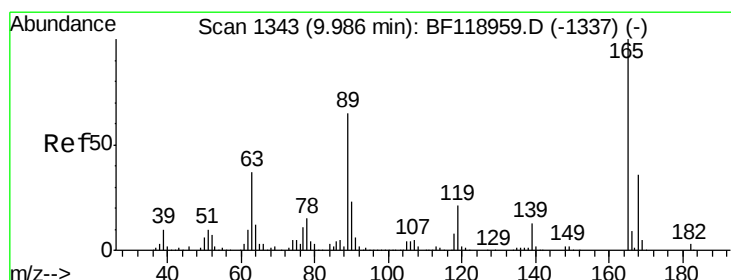
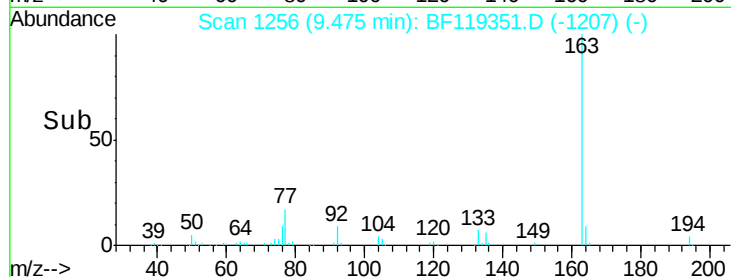
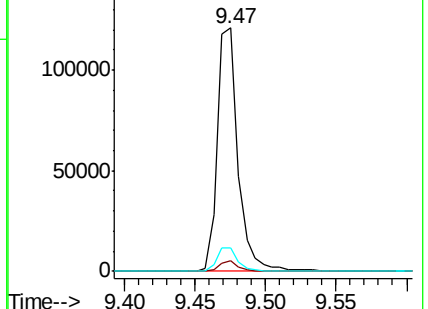
164 9.5 8.4 12.6



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: 5.803 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Tgt Ion:165 Resp: 29331

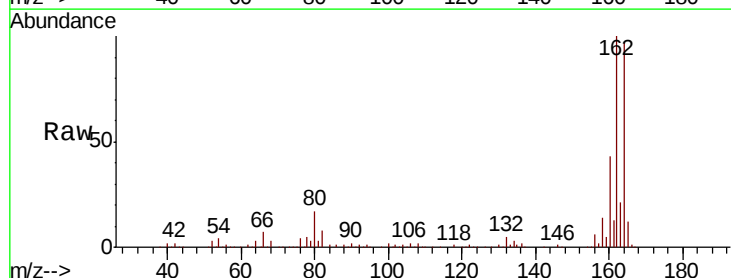
Ion Ratio Lower Upper

165 100

63 1.2 42.3 63.5#

89 1.6 60.2 90.4#

182 0.0 2.3 3.5#

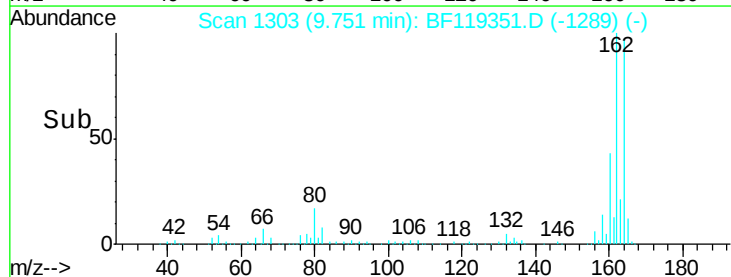
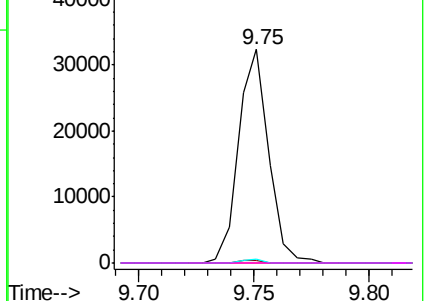


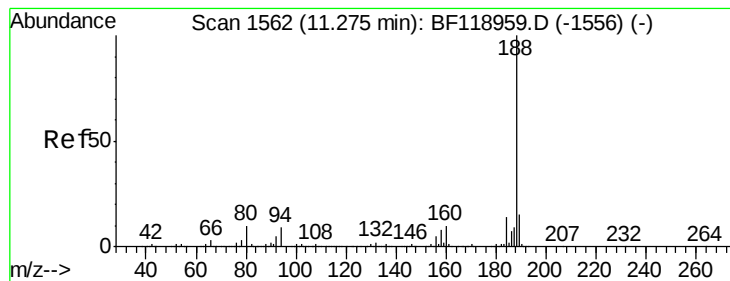
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Instrument :

BNA_F

ClientSampleId :

SP-3

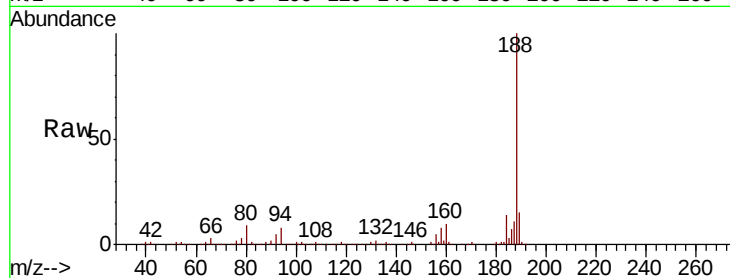
Tot Ion:188 Resp: 435850

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

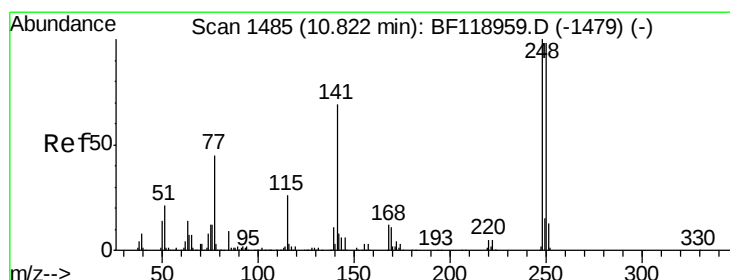
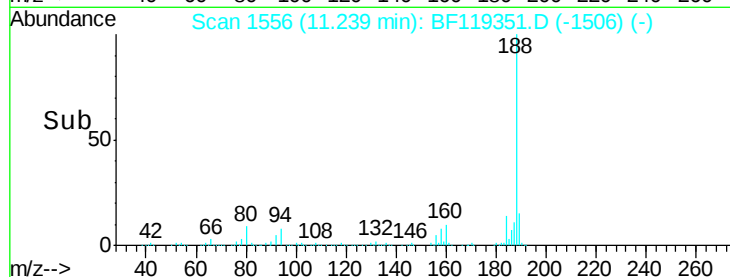
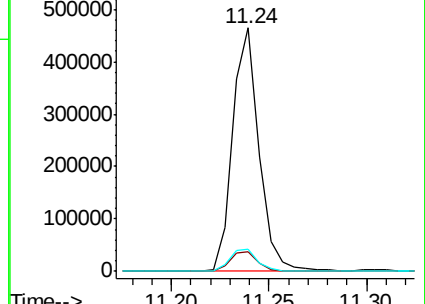
80 9.1 7.8 11.8



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: 3.376 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

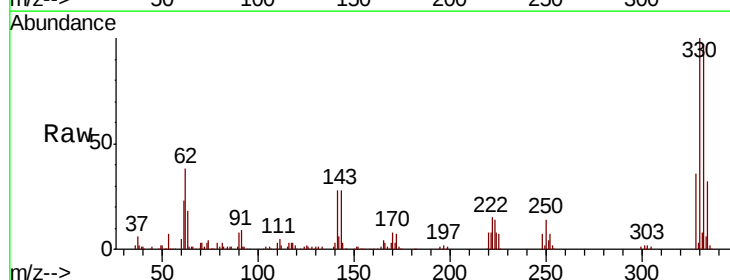
Tgt Ion:248 Resp: 19231

Ion Ratio Lower Upper

248 100

250 198.5 76.7 115.1#

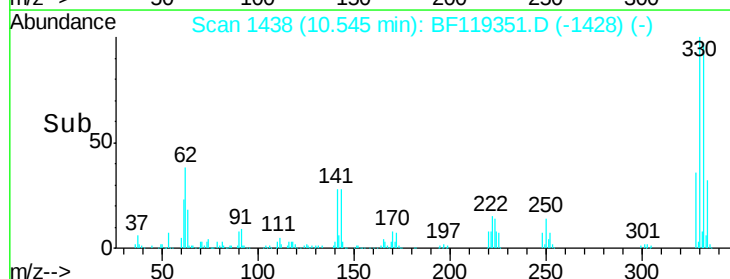
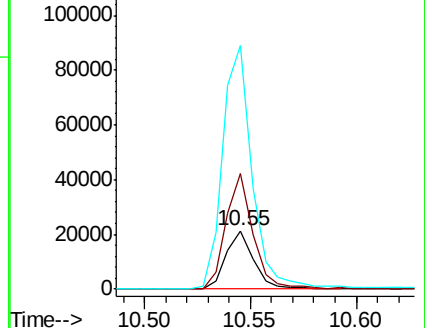
141 417.8 60.7 91.1#

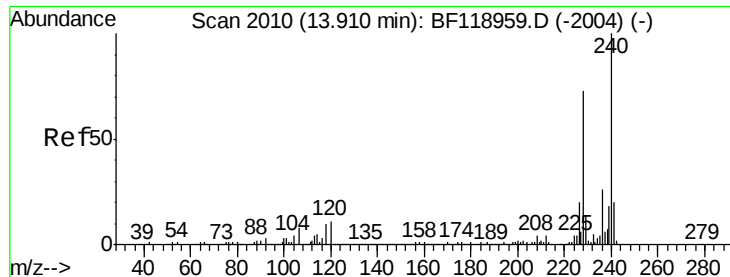


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

Instrument :

BNA_F

ClientSampleId :

SP-3

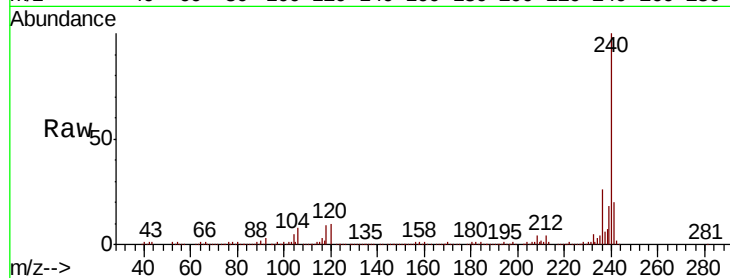
Tot Ion:240 Resp: 301818

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

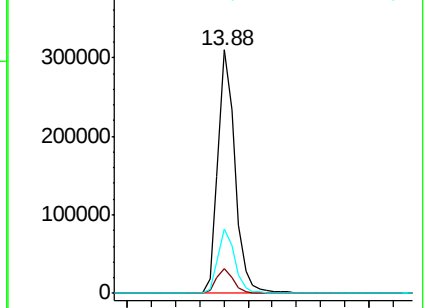
236 26.5 21.0 31.4



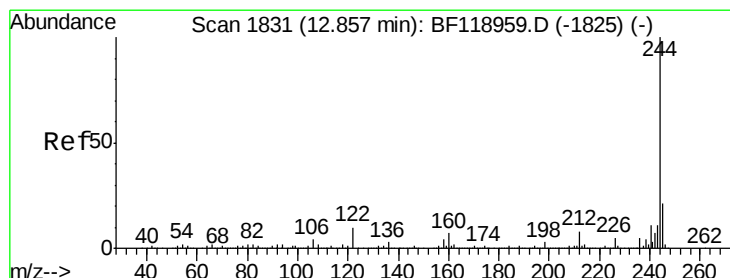
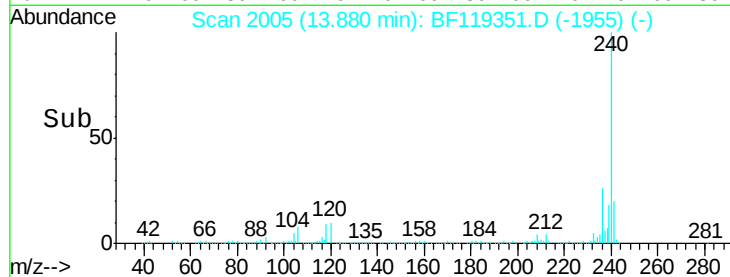
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.90 14.00



#79

Terphenyl-d14

Concen: 72.627 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119351.D

Acq: 11 Mar 2020 17:33

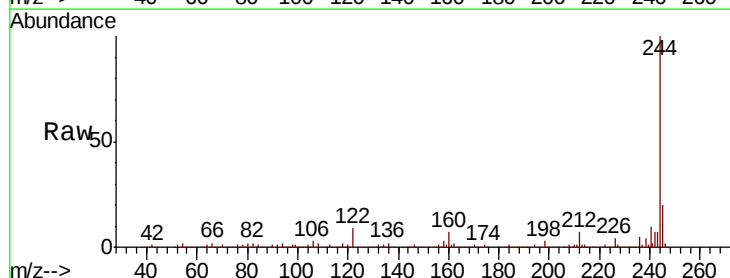
Tgt Ion:244 Resp: 1273193

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

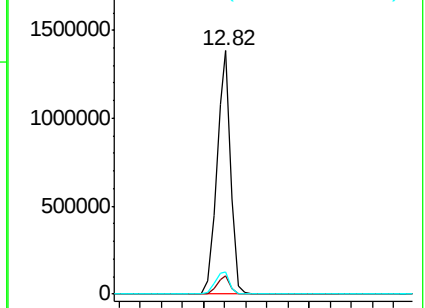
122 9.2 8.2 12.2



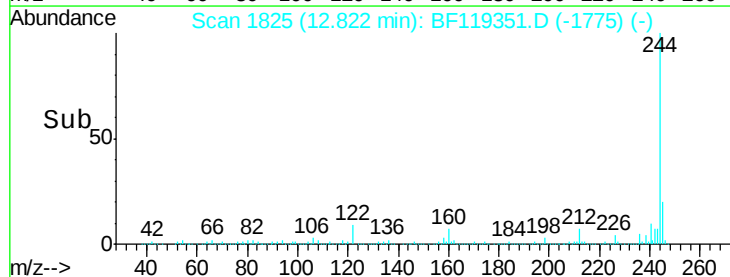
Abundance Ion 244.00 (243.70 to 244.70): E

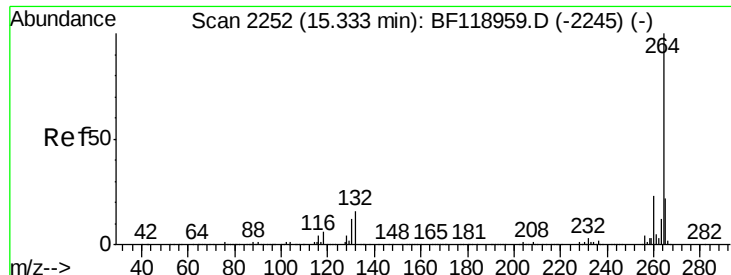
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119351.D
Acq: 11 Mar 2020 17:33

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion: 264 Resp: 303173

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.7	17.7	26.5

