

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119350.D
 Acq On : 11 Mar 2020 16:56
 Operator : CG/JU
 Sample : L1864-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 17:33:20 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

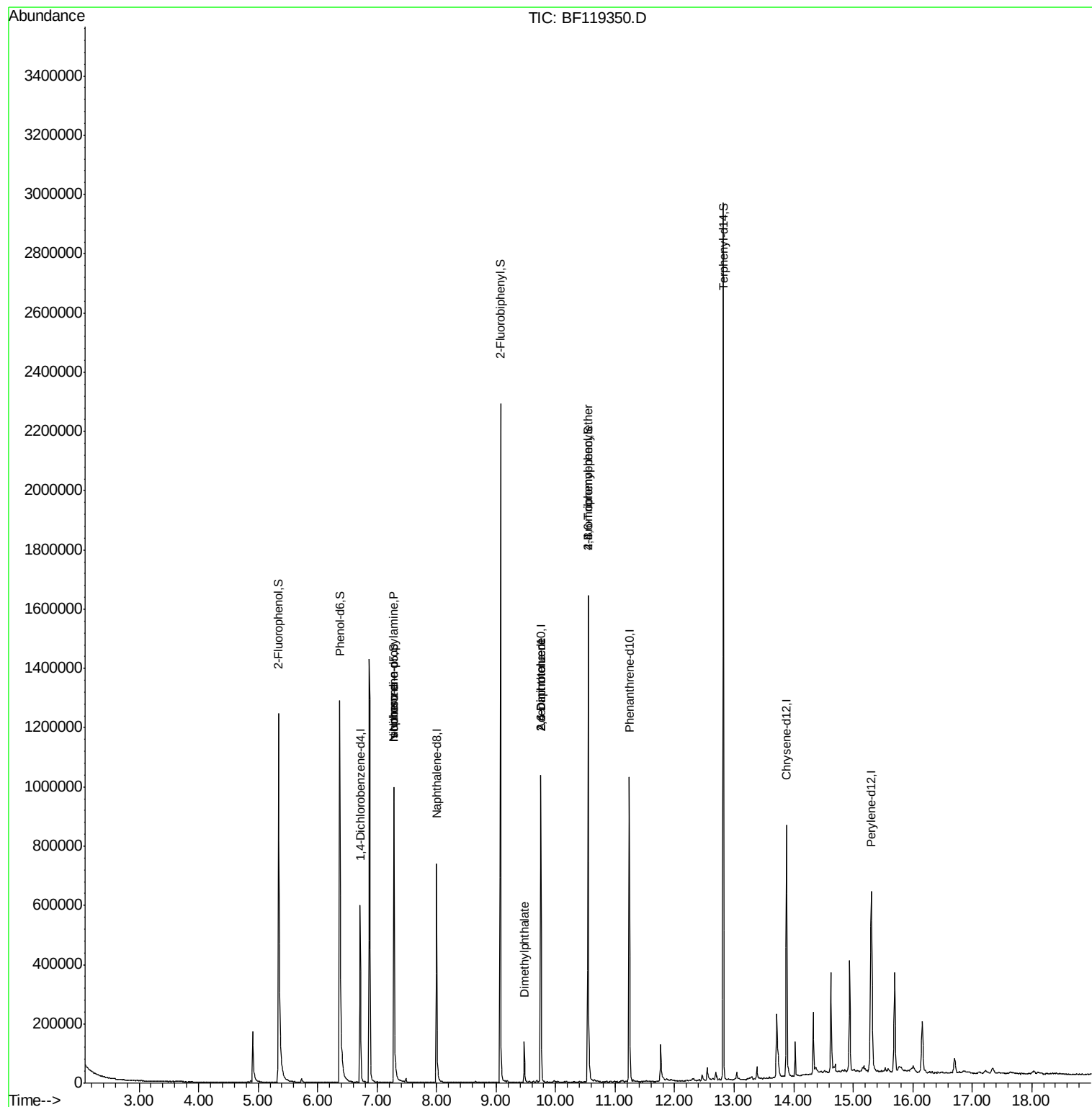
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93788	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	364946	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	208636	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	410733	20.00	ng	0.00
76) Chrysene-d12	13.88	240	290795	20.00	ng	0.00
87) Perylene-d12	15.31	264	266215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	510053	90.88	ng	0.00
7) Phenol-d6	6.37	99	646395	94.71	ng	0.00
23) Nitrobenzene-d5	7.28	82	416323	60.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	227928	83.51	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	742948	52.46	ng	-0.01
79) Terphenyl-d14	12.82	244	1071779	63.46	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	56124	14.112	ng	# 76
25) Isophorone	7.28	82	416323	34.682	ng	# 63
50) Dimethylphthalate	9.47	163	69980	4.386	ng	# 99
51) 2,6-Dinitrotoluene	9.75	165	27269	7.693	ng	# 33
57) 2,4-Dinitrotoluene	9.75	165	27269	5.935	ng	# 21
67) 4-Bromophenyl-phenylether	10.54	248	15544	2.895	ng	# 1

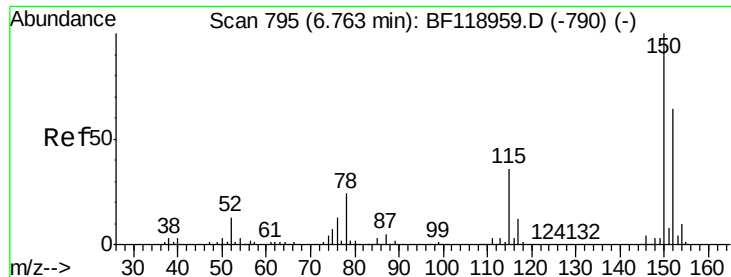
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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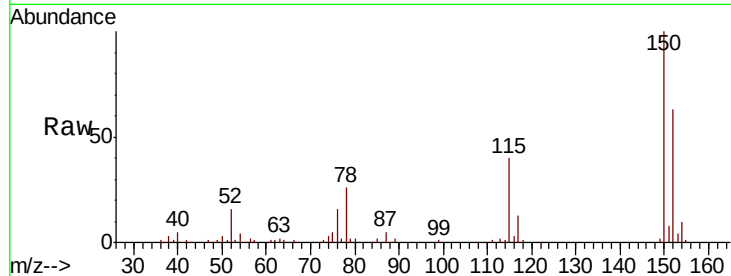


#1

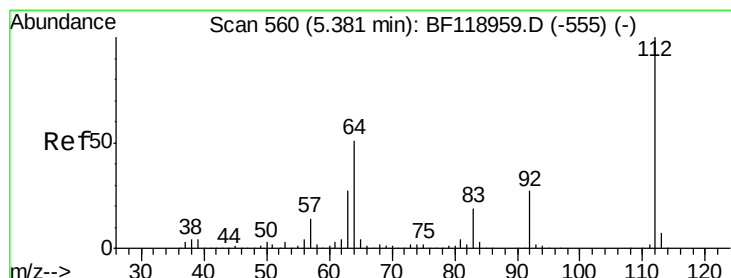
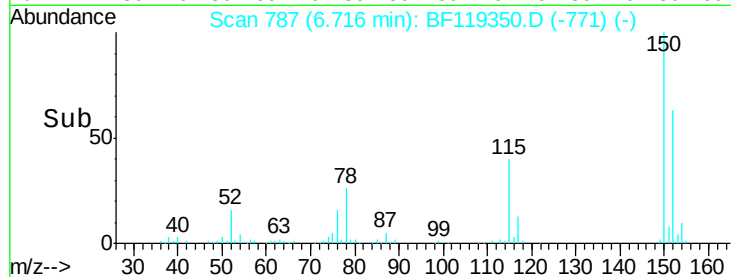
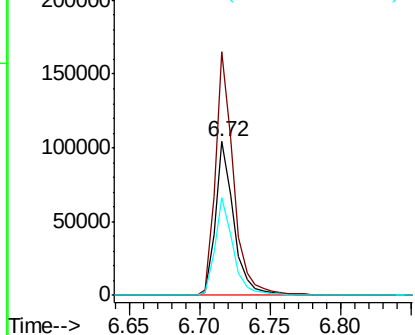
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 93788
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.0 184.6
 115 63.5 49.5 74.3



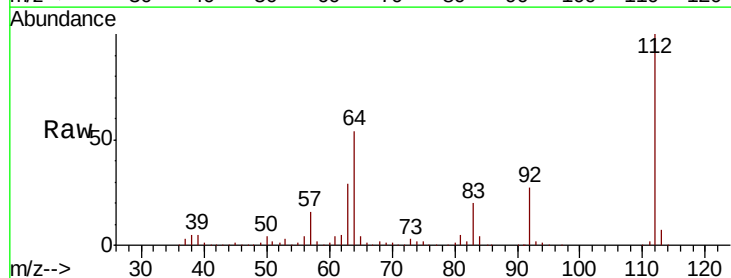
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



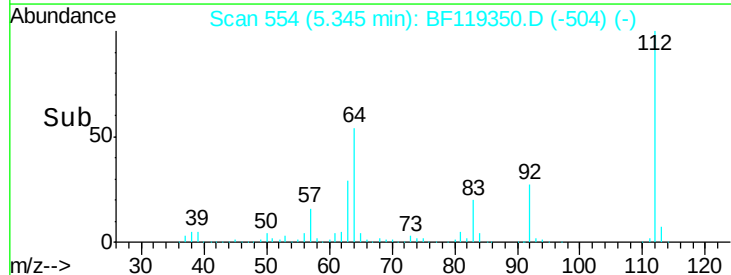
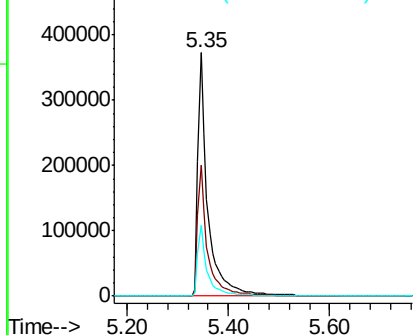
#5

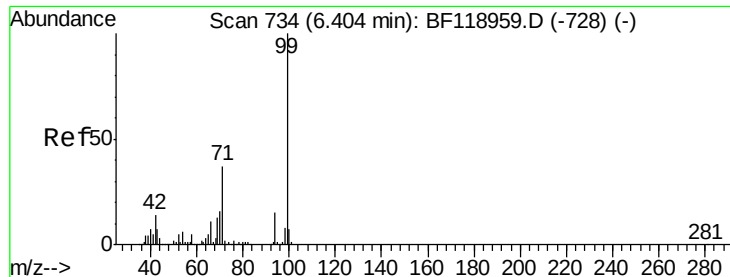
2-Fluorophenol
 Concen: 90.885 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

Tgt Ion:112 Resp: 510053
 Ion Ratio Lower Upper
 112 100
 64 53.7 45.0 67.4
 63 29.0 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: 94.705 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Instrument :

BNA_F

ClientSampleId :

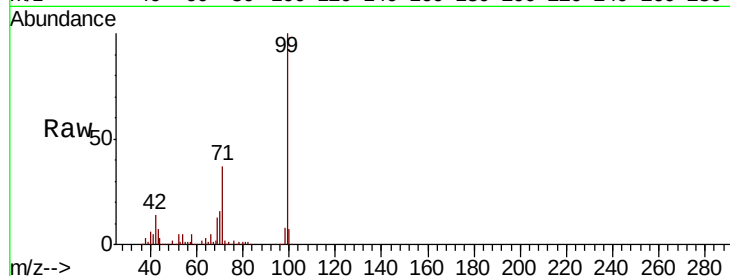
Tot Ion: 99 Resp: 646395

Ion Ratio Lower Upper

99 100

42 14.1 12.6 18.8

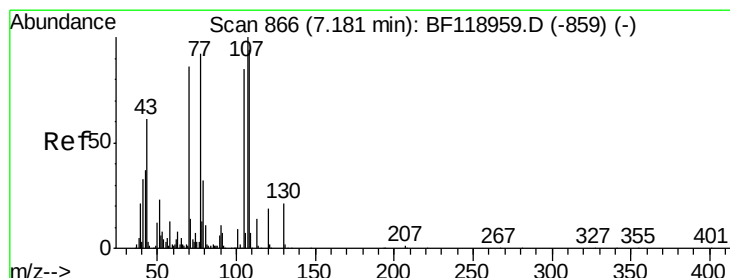
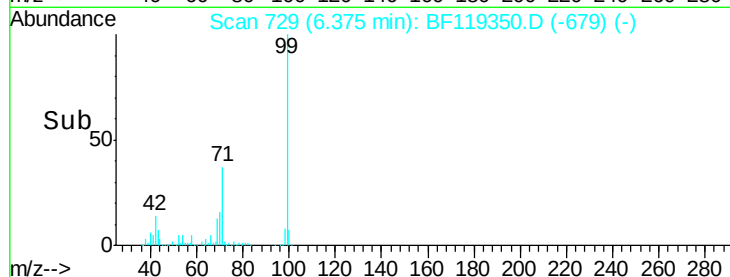
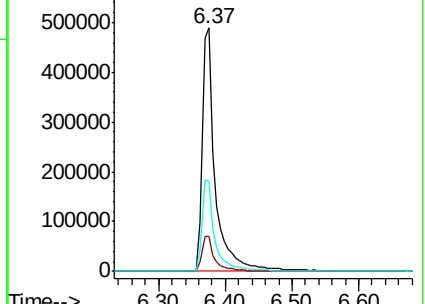
71 36.9 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.112 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Tgt Ion: 70 Resp: 56124

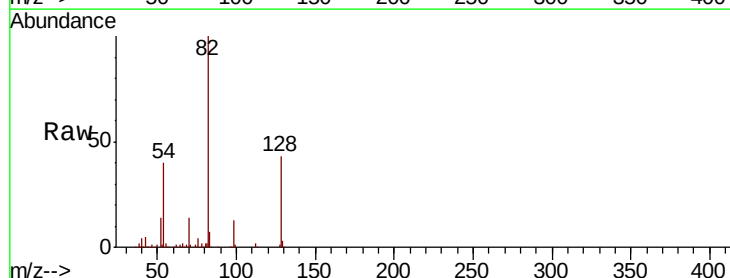
Ion Ratio Lower Upper

70 100

42 38.4 38.0 57.0

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

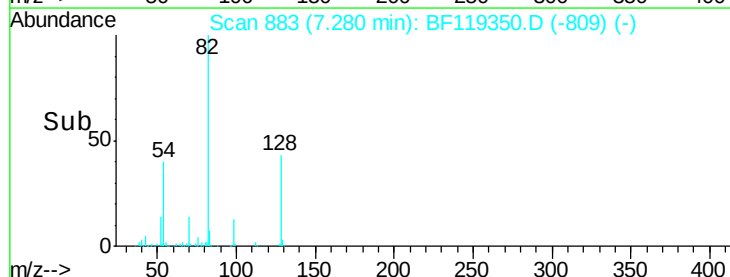
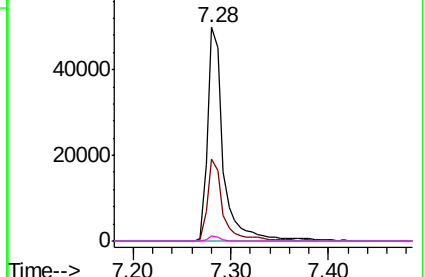


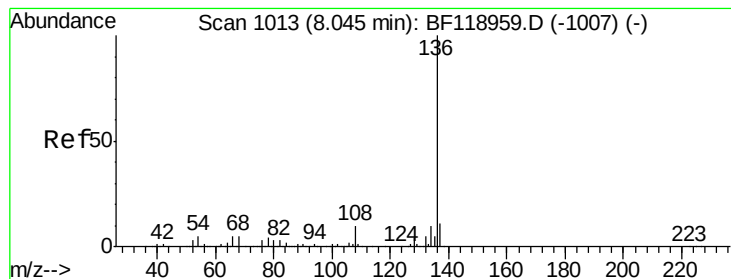
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119350.D

Acq: 11 Mar 2020 16:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 364946

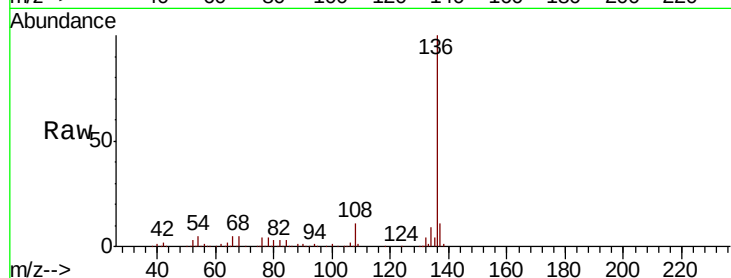
Ion Ratio Lower Upper

136 100

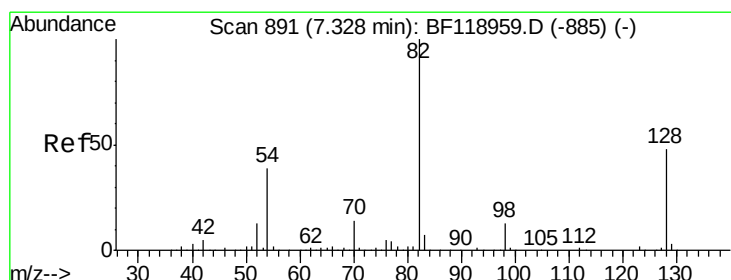
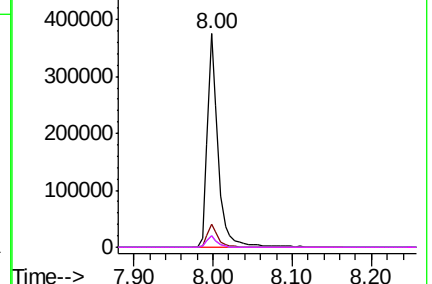
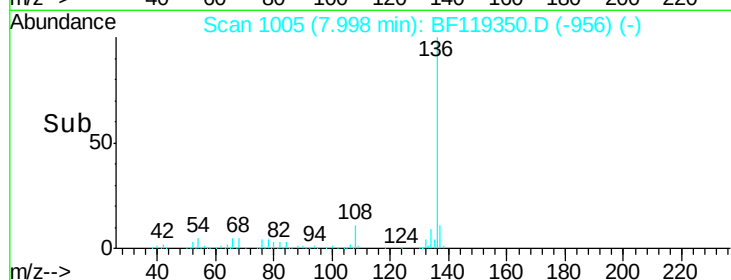
137 10.9 8.8 13.2

54 5.1 3.8 5.6

68 5.3 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: 60.233 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

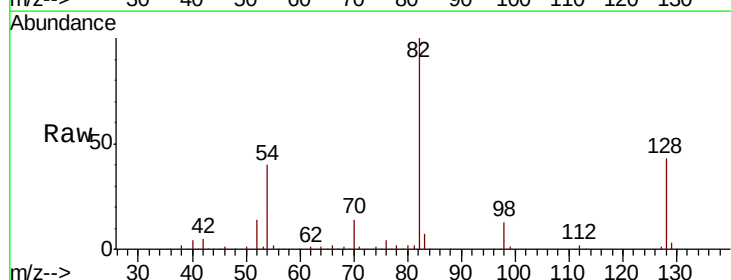
Tgt Ion: 82 Resp: 416323

Ion Ratio Lower Upper

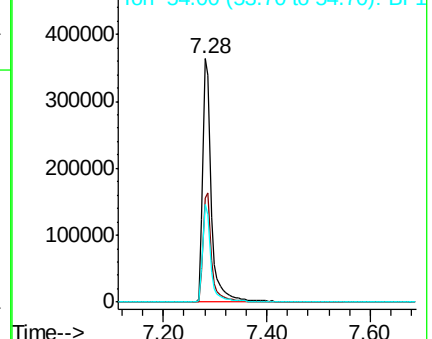
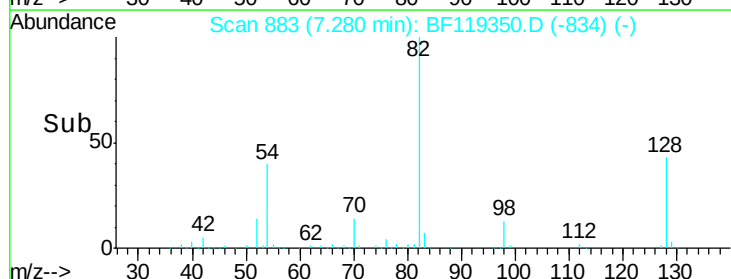
82 100

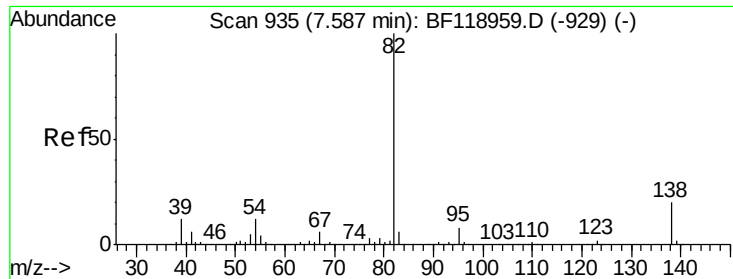
128 42.8 37.9 56.9

54 40.2 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

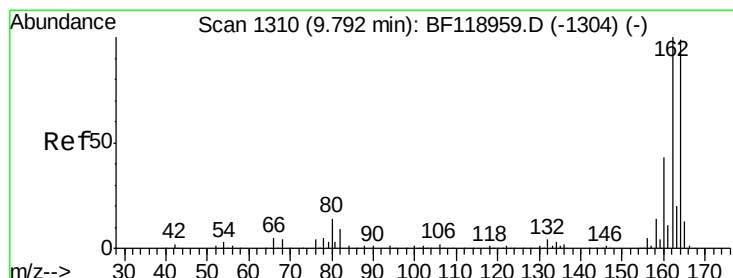
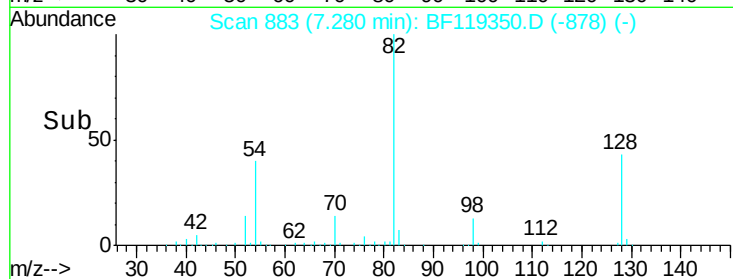
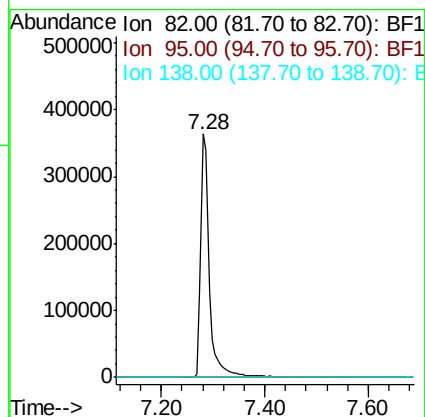
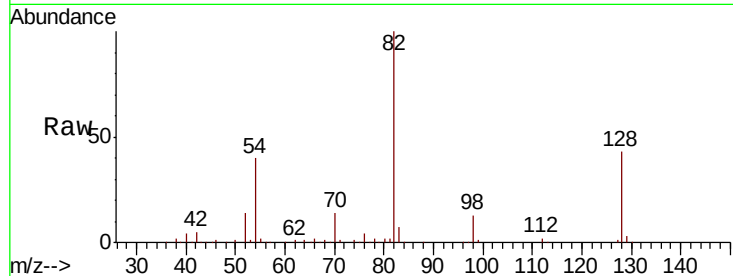




#25
Isophorone
Concen: 34.682 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF119350.D
Acq: 11 Mar 2020 16:56

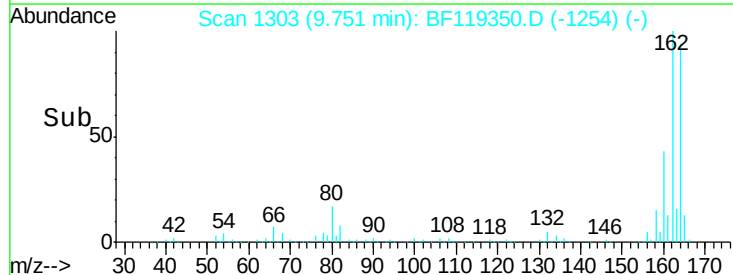
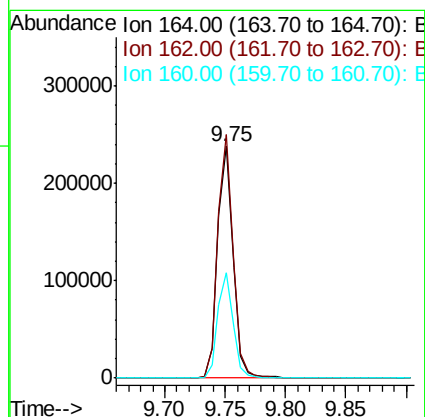
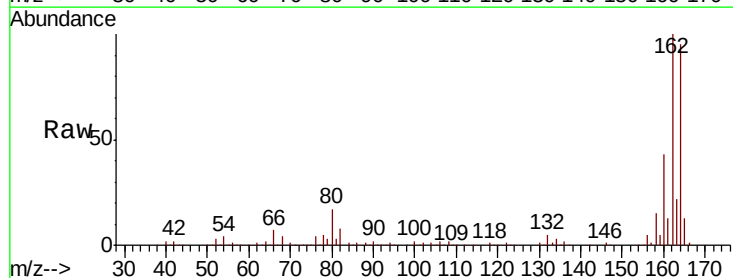
Instrument :
BNA_F
ClientSampled :

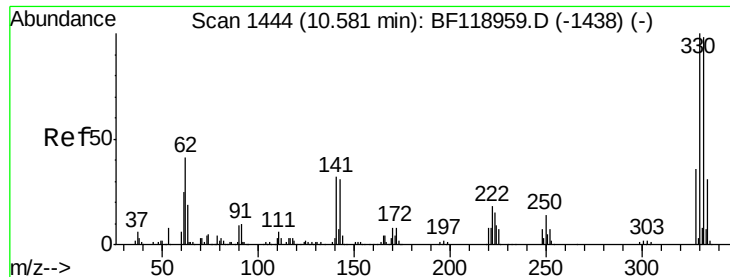
Tot Ion: 82 Resp: 416323
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119350.D
Acq: 11 Mar 2020 16:56

Tgt Ion: 164 Resp: 208636
Ion Ratio Lower Upper
164 100
162 105.1 81.8 122.8
160 45.6 36.0 54.0

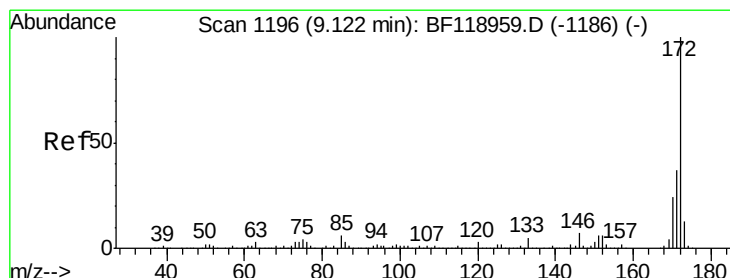
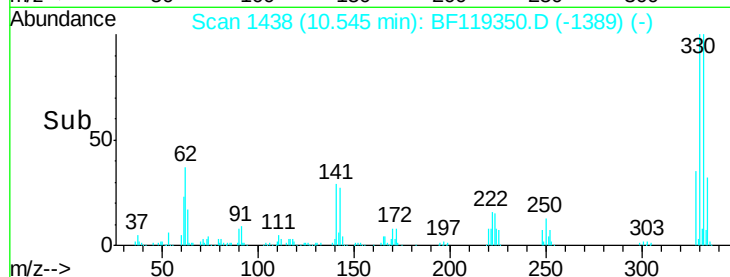
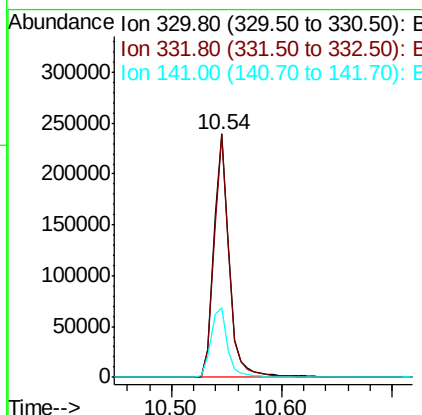
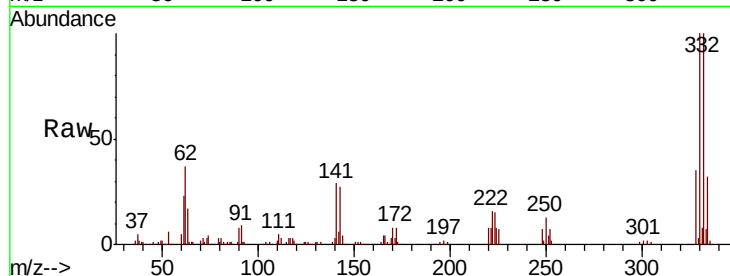




#42
 2,4,6-Tribromophenol
 Concen: 83.511 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

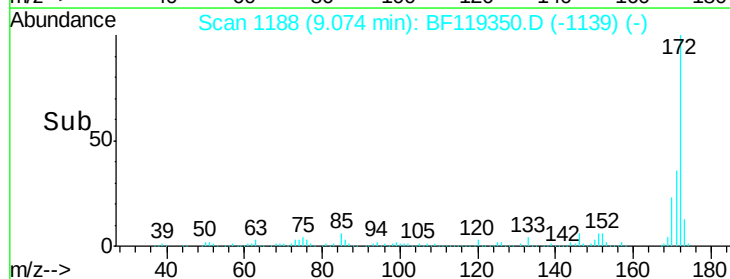
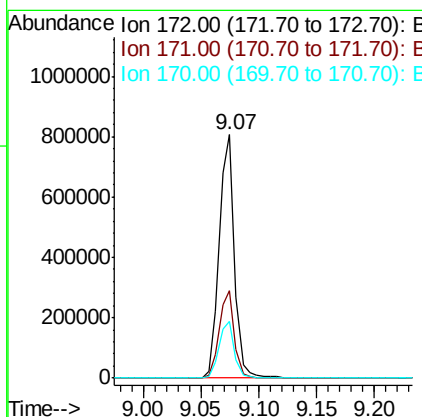
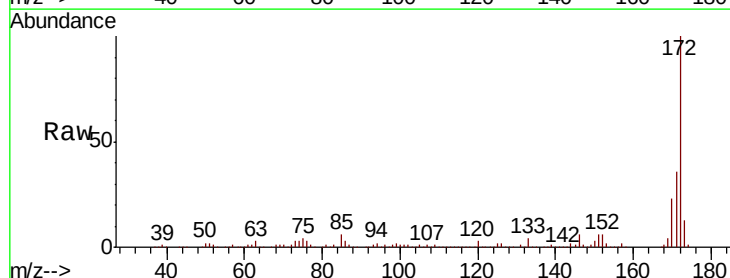
Instrument :
 BNA_F
 ClientSampleId :

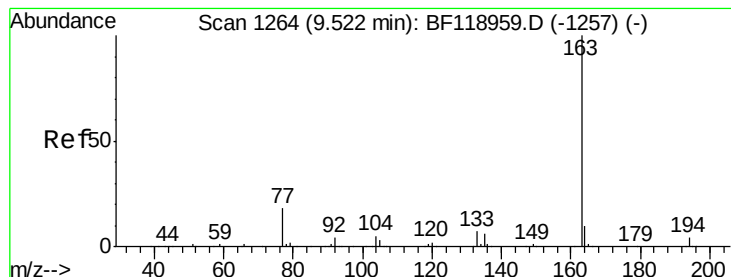
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.0	114.0
141	30.9	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 52.459 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	45.8
170	23.3	20.2	30.2





#50

Dimethylphthalate

Concen: 4.386 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Instrument :

BNA_F

ClientSampleId :

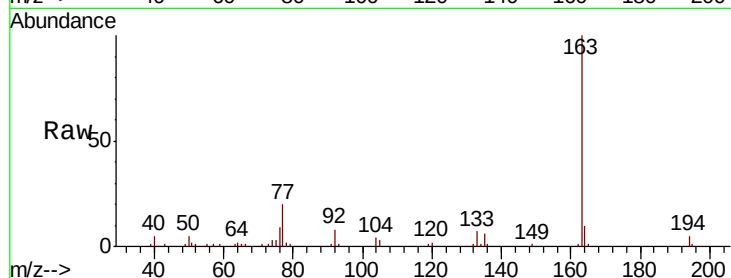
Tot Ion:163 Resp: 69980

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

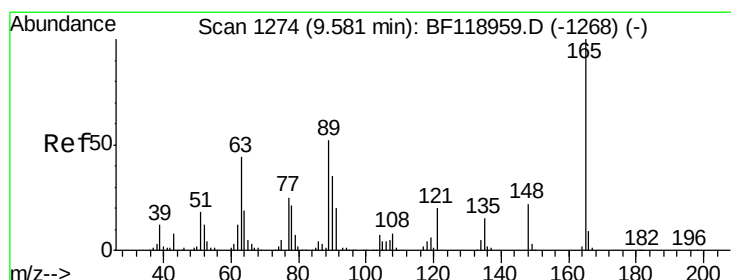
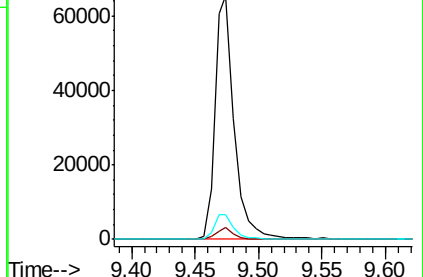
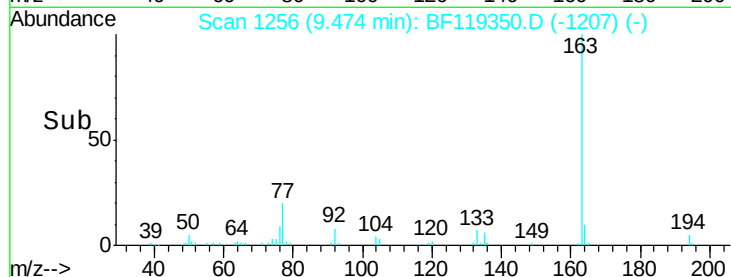
164 10.0 8.4 12.6



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: 7.693 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.19 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

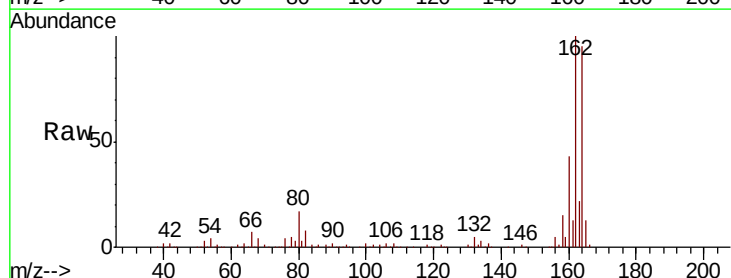
Tgt Ion:165 Resp: 27269

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

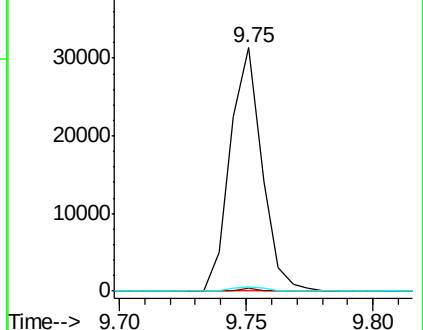
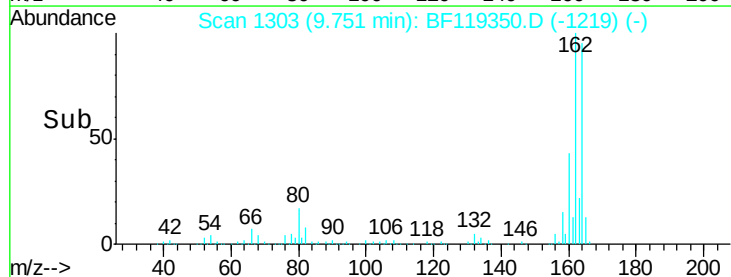
89 1.7 38.3 57.5#

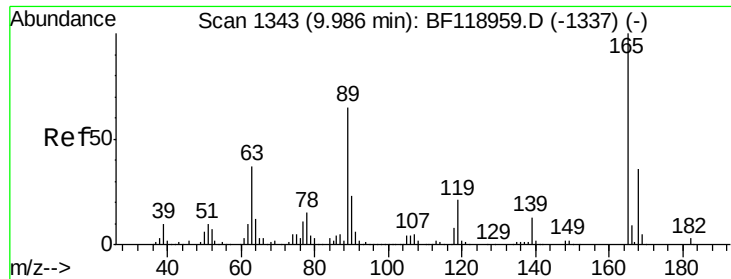


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.935 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 27269

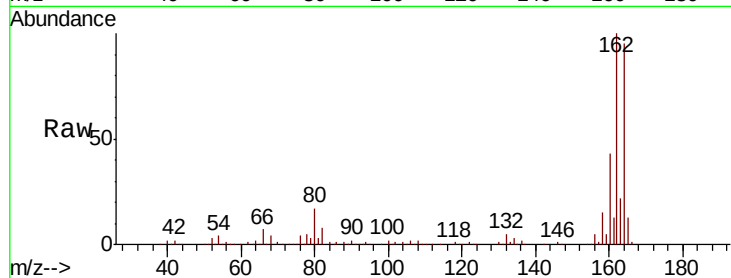
Ion Ratio Lower Upper

165 100

63 1.2 42.3 63.5#

89 1.7 60.2 90.4#

182 0.0 2.3 3.5#

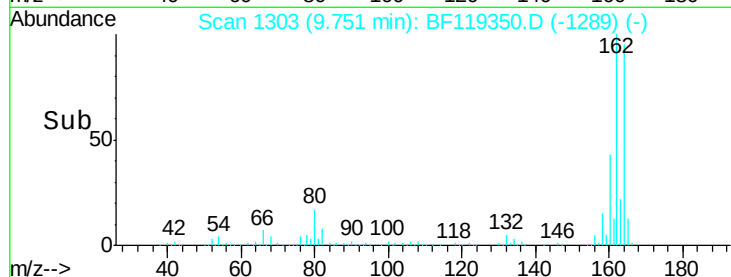


Abundance Ion 165.00 (164.70 to 165.70): E

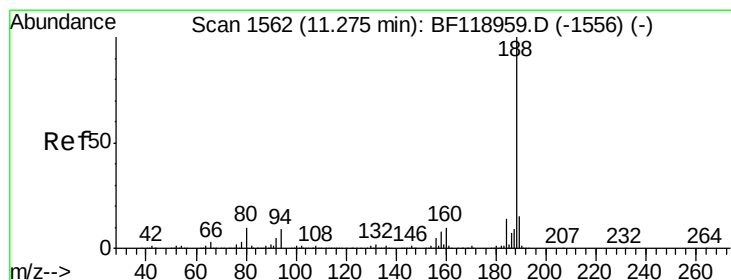
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time--> 9.70 9.75 9.80



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119350.D

Acq: 11 Mar 2020 16:56

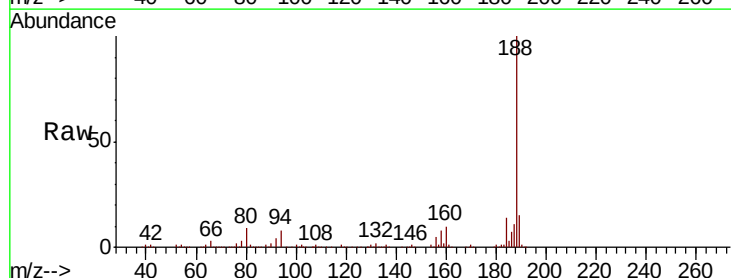
Tgt Ion:188 Resp: 410733

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

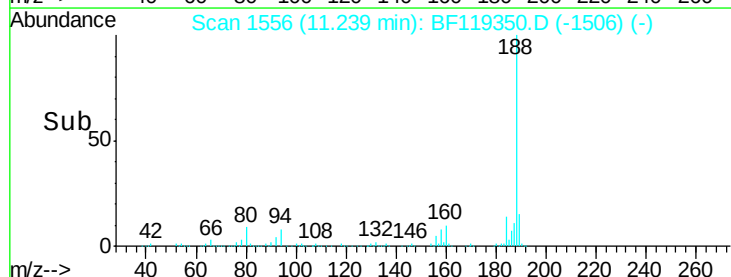
80 8.7 7.8 11.8



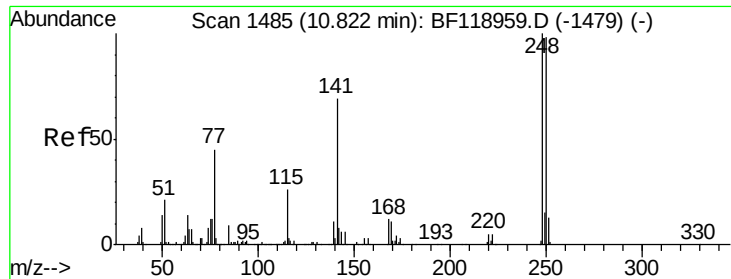
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



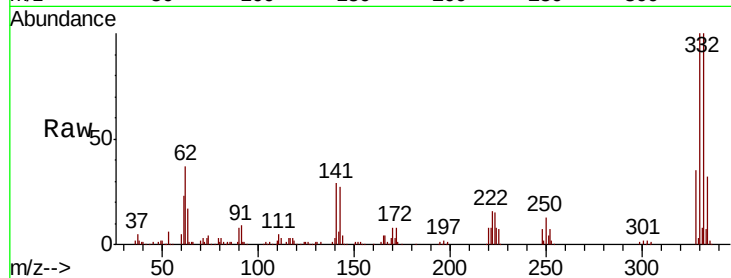
Time--> 11.20 11.25 11.30



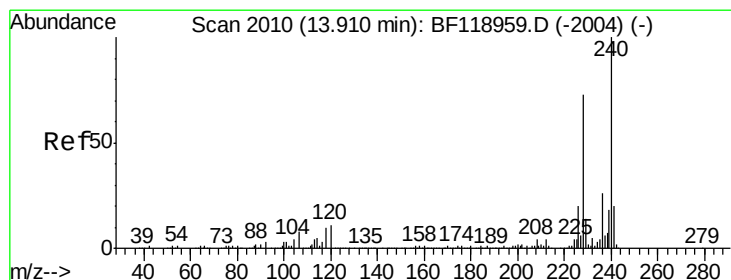
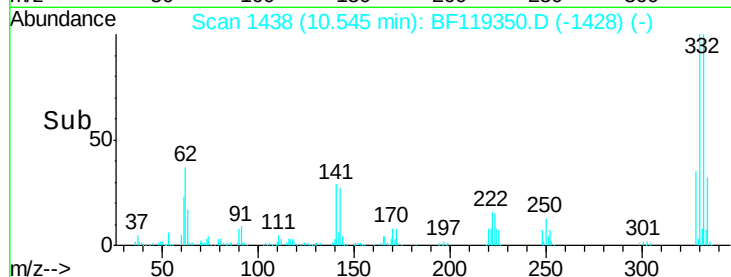
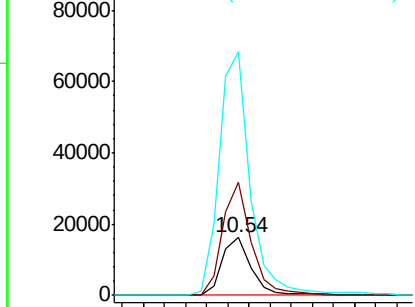
#67
4-Bromophenyl-phenylether
Concen: 2.895 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF119350.D
Acq: 11 Mar 2020 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15544
Ion Ratio Lower Upper
248 100
250 196.6 76.7 115.1#
141 422.3 60.7 91.1#

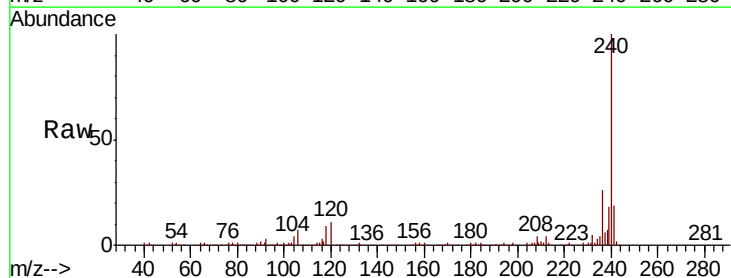


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

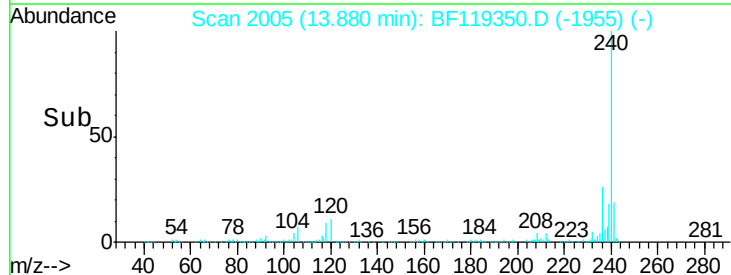
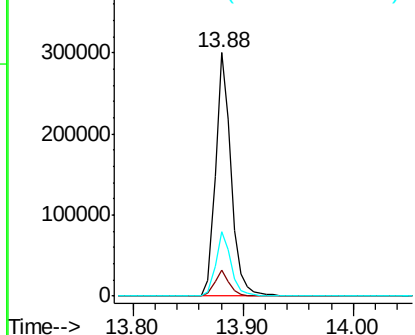


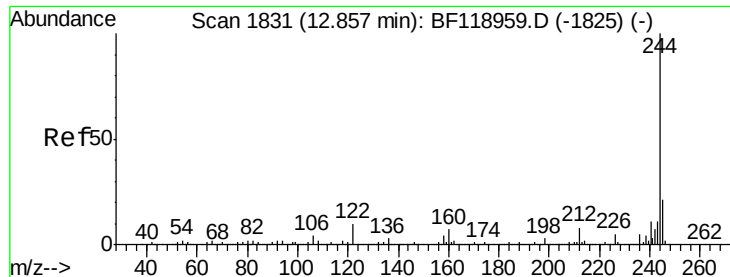
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119350.D
Acq: 11 Mar 2020 16:56

Tgt Ion:240 Resp: 290795
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.3 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

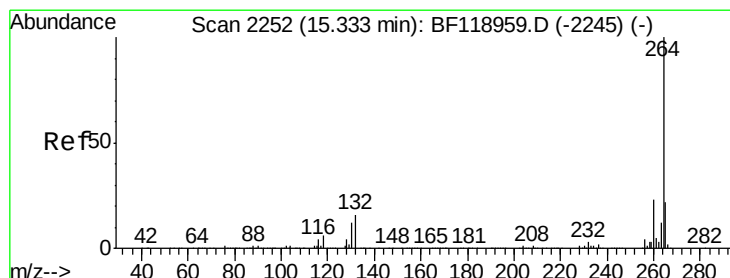
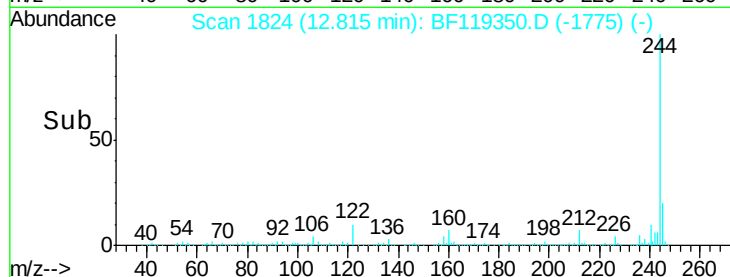
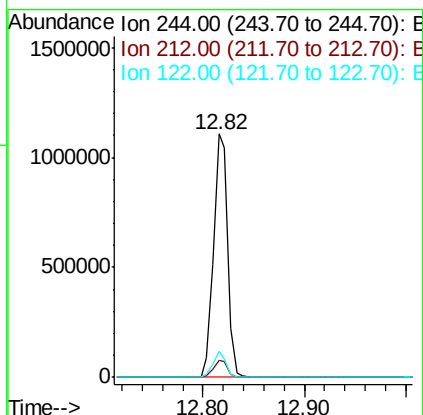
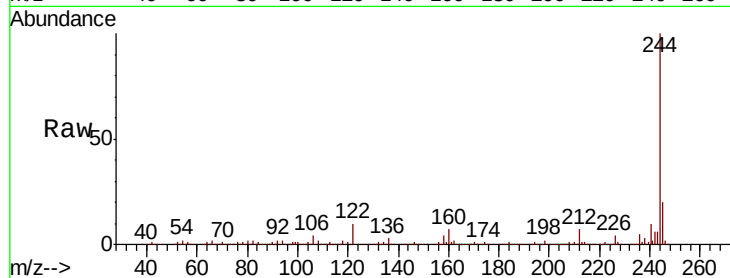




#79
 Terphenyl-d14
 Concen: 63.455 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1071779
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 10.5 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF119350.D
 Acq: 11 Mar 2020 16:56

Tgt Ion:264 Resp: 266215
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.7 26.5

