

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119252.D
 Acq On : 6 Mar 2020 16:15
 Operator : CG/JU
 Sample : L1792-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:46:38 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

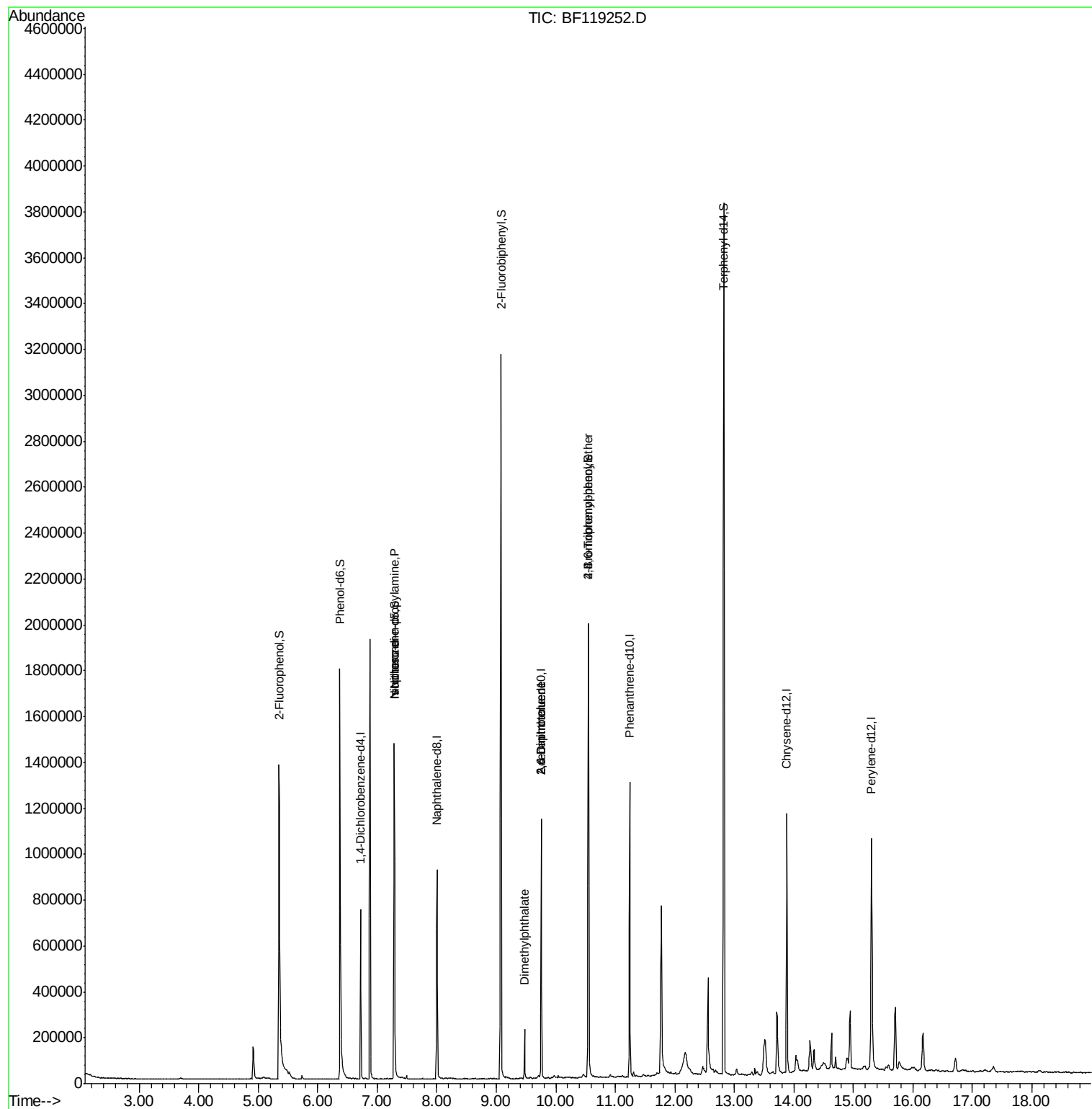
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108864	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	425011	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	240140	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	461684	20.00	ng	0.00
76) Chrysene-d12	13.88	240	383947	20.00	ng	0.00
87) Perylene-d12	15.30	264	375474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	588077	90.28	ng	0.00
7) Phenol-d6	6.38	99	779211	98.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	503615	62.57	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	289070	92.02	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1029628	63.16	ng	0.00
79) Terphenyl-d14	12.82	244	1403088	62.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	69227	14.996	ng	# 75
25) Isophorone	7.29	82	503610	36.025	ng	# 63
50) Dimethylphthalate	9.47	163	84139	4.582	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	30010	7.356	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	30010	5.675	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	19123	3.169	ng	# 1

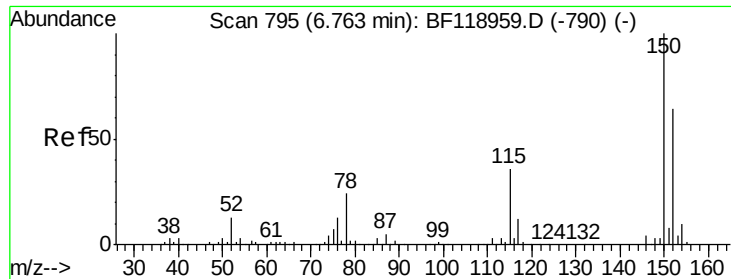
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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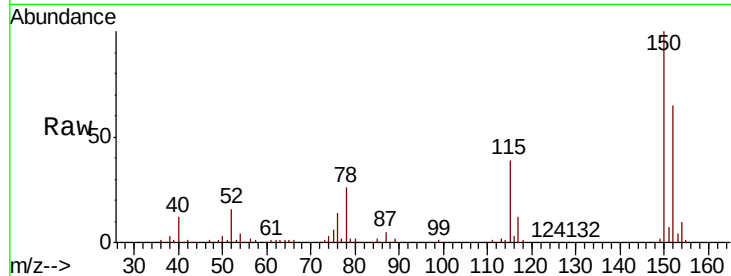


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	60.0	49.5	74.3

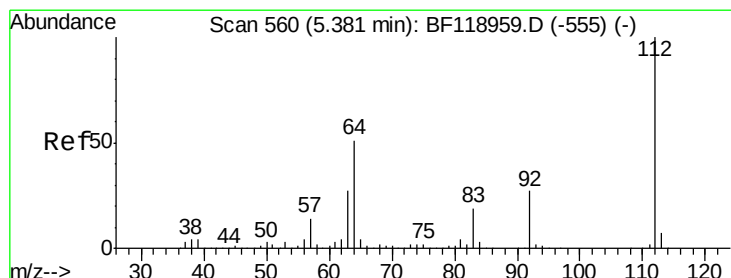
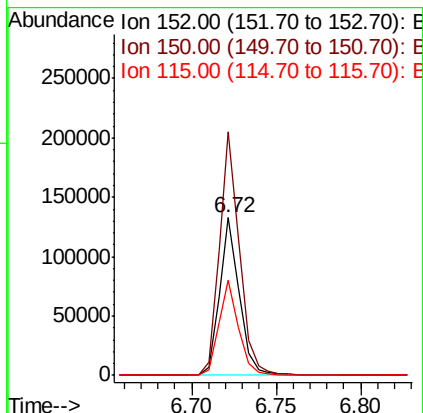
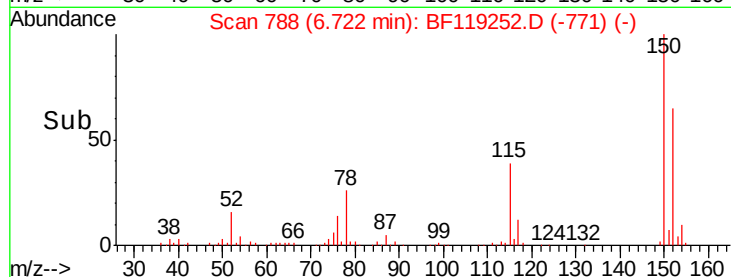


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

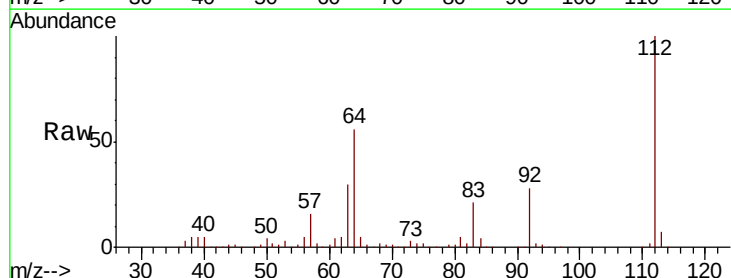
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.276 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.0	67.4
63	30.0	24.2	36.4

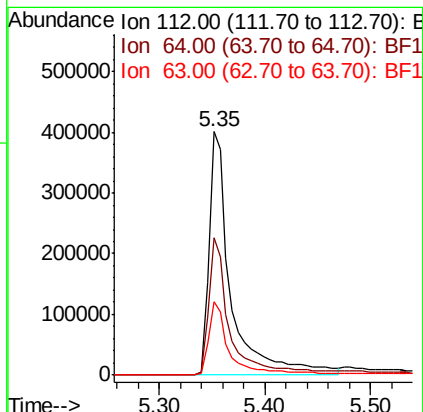
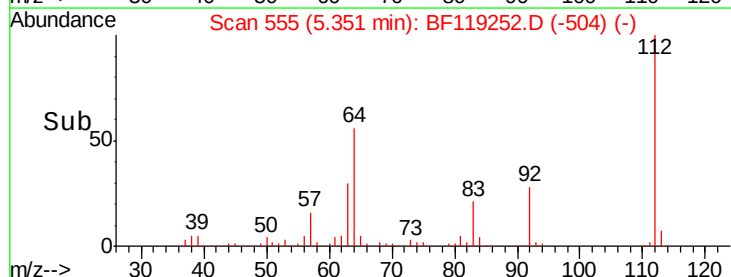


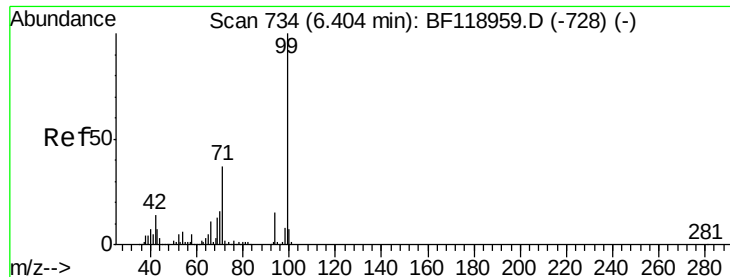
Abundance

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: 98.354 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

Instrument :

BNA_F

ClientSampled :

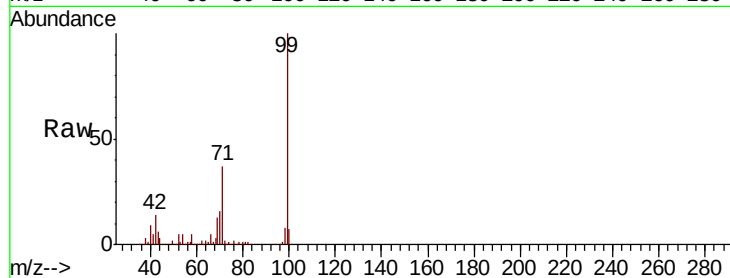
Tot Ion: 99 Resp: 779211

Ion Ratio Lower Upper

99 100

42 13.8 12.6 18.8

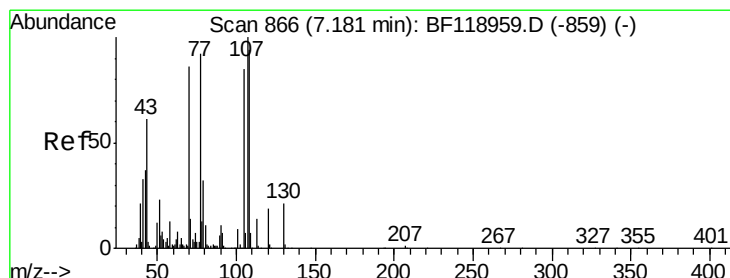
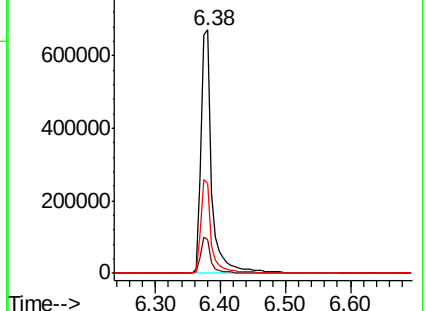
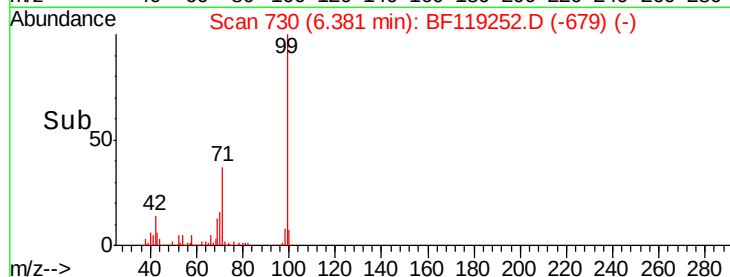
71 36.8 31.0 46.4



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: 14.996 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

Tgt Ion: 70 Resp: 69227

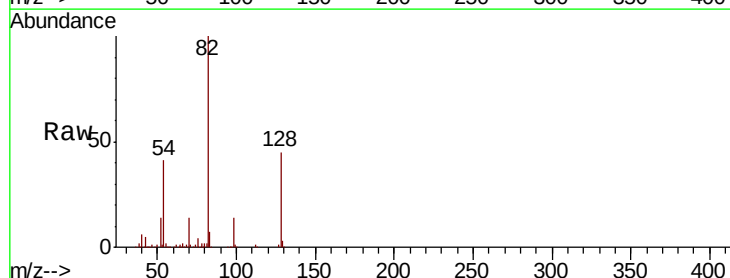
Ion Ratio Lower Upper

70 100

42 37.3 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

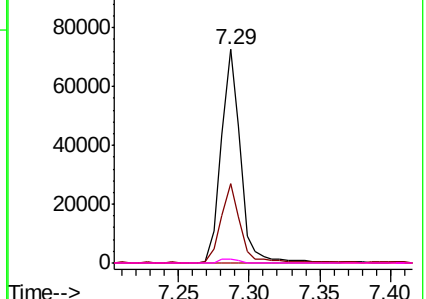
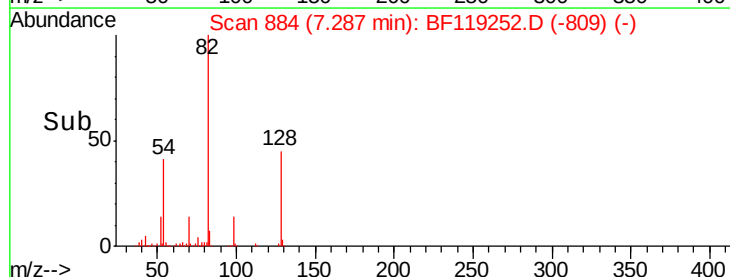


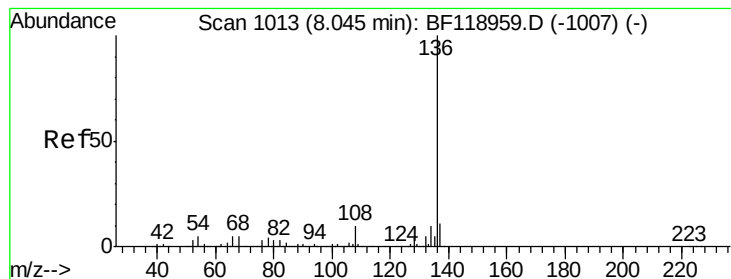
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1006

Delta R.T. -0.01 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 425011

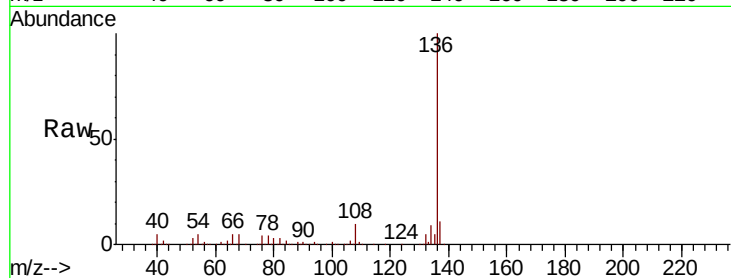
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 4.8 3.8 5.6

68 4.9 3.9 5.9

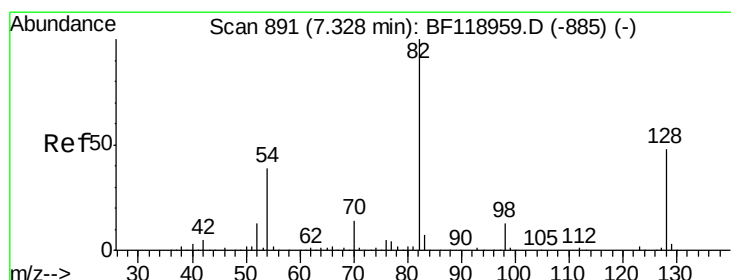
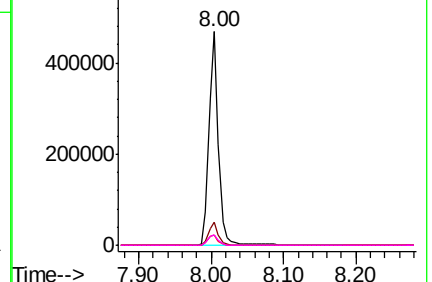
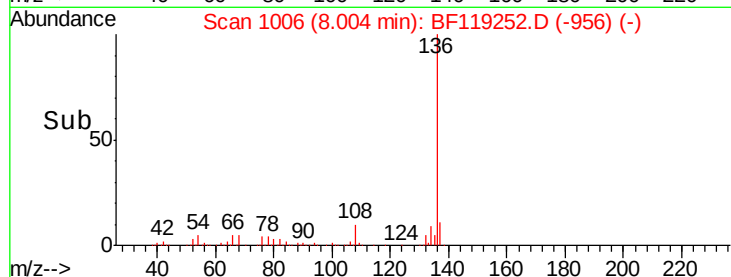


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.565 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

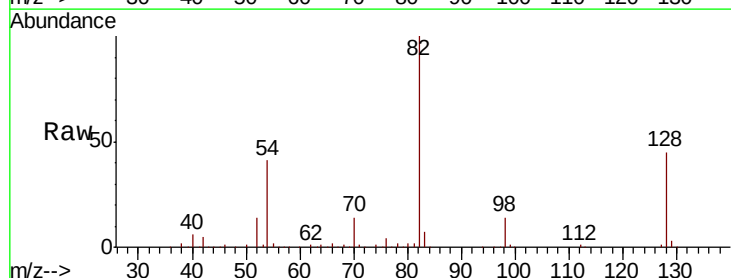
Tgt Ion: 82 Resp: 503615

Ion Ratio Lower Upper

82 100

128 44.8 37.9 56.9

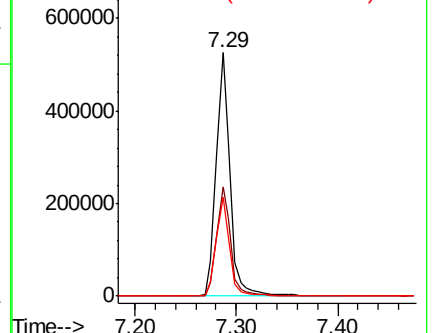
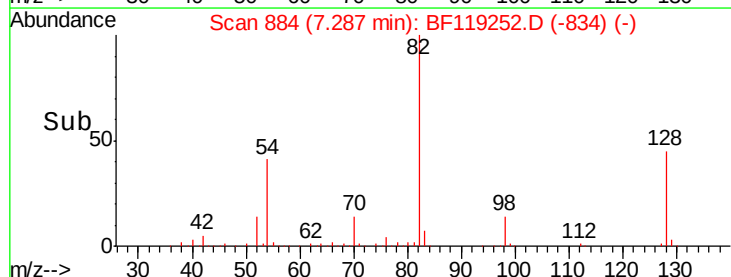
54 40.9 33.4 50.2

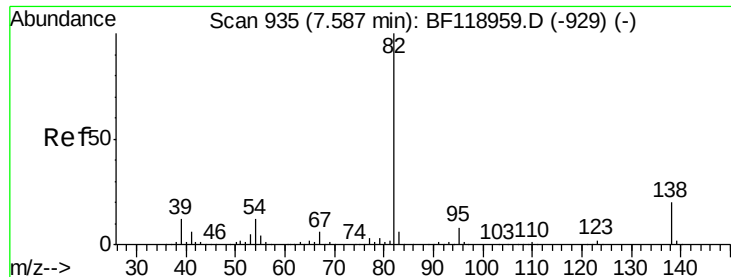


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

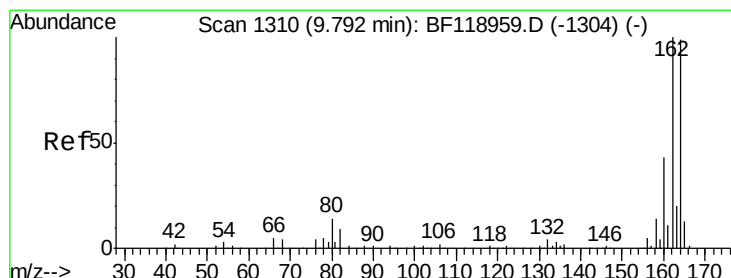
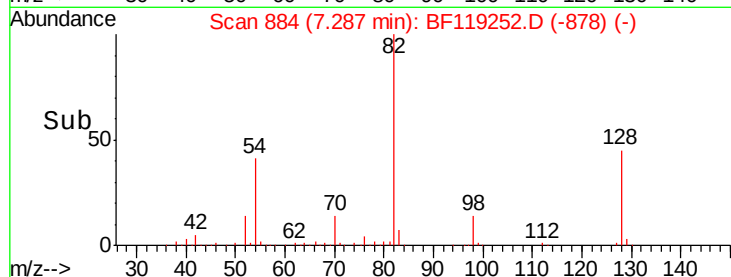
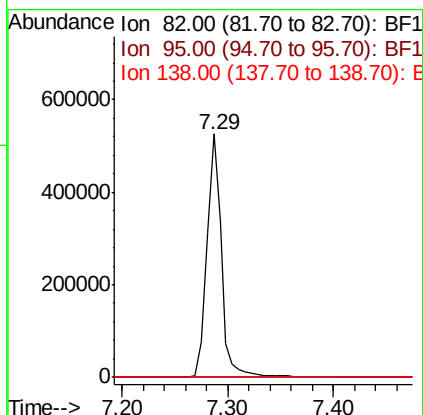
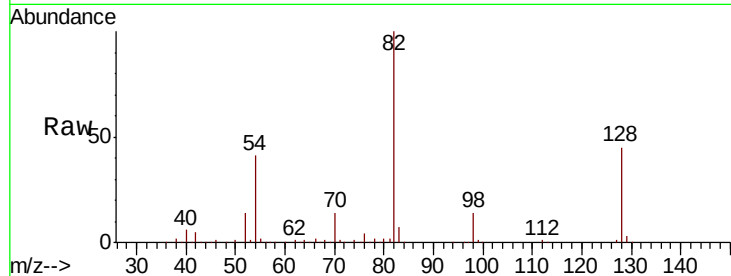




#25
Isophorone
Concen: 36.025 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

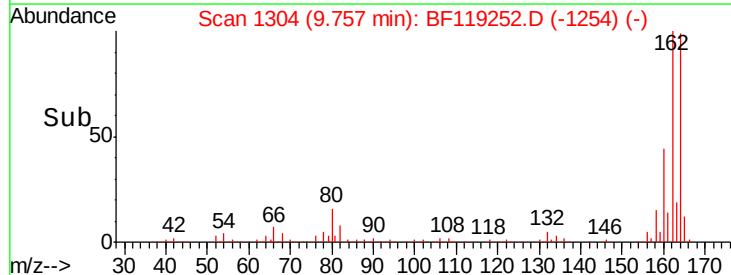
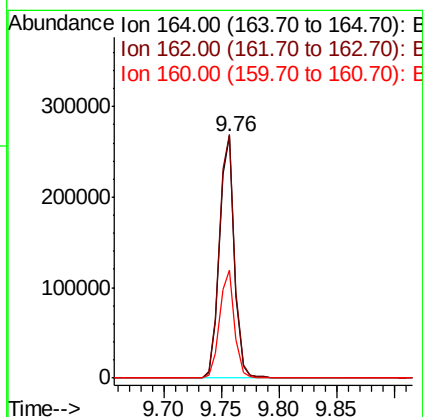
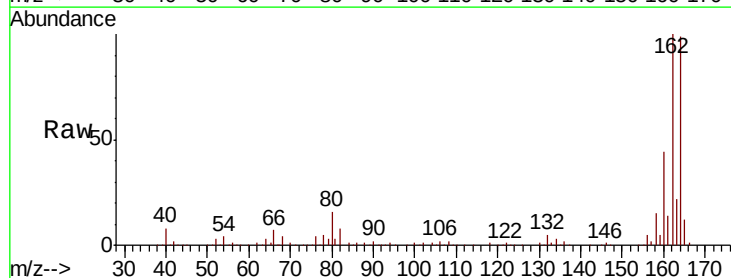
Instrument :
BNA_F
ClientSampleId :

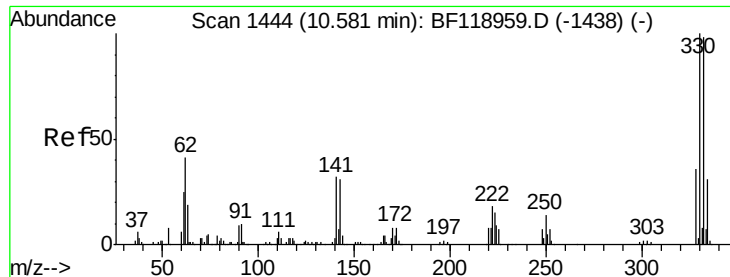
Tot Ion: 82 Resp: 503610
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

Tgt Ion: 164 Resp: 240140
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.8
160 44.6 36.0 54.0

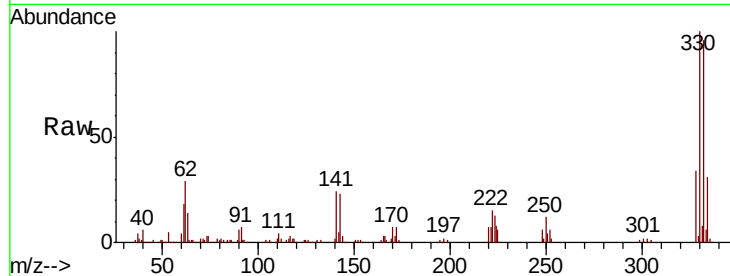




#42
 2,4,6-Tribromophenol
 Concen: 92.018 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119252.D
 Acq: 6 Mar 2020 16:15

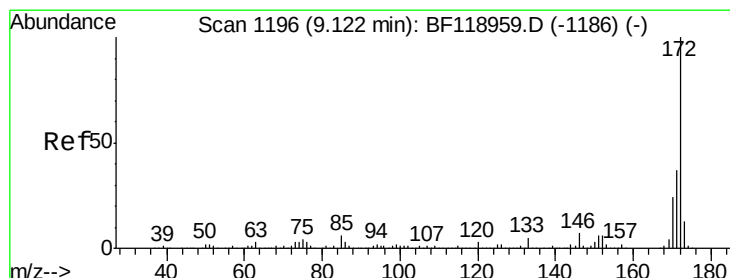
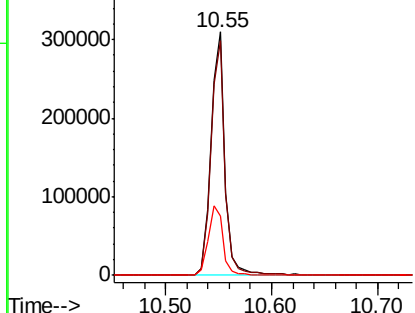
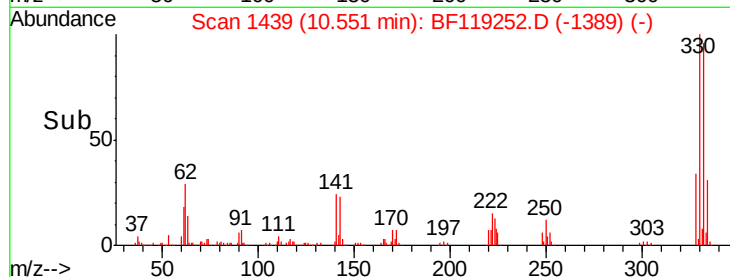
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	30.3	22.9	34.3



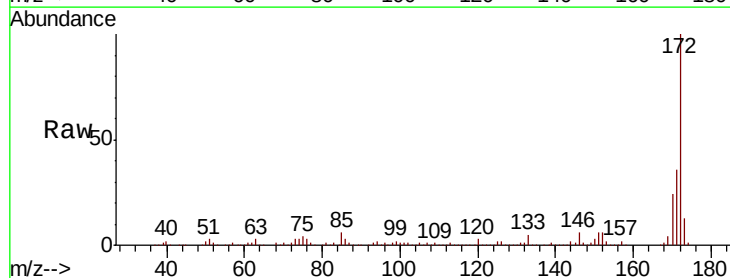
Abundance

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



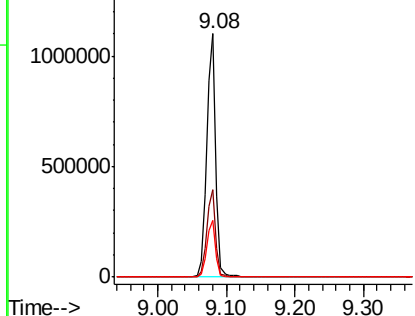
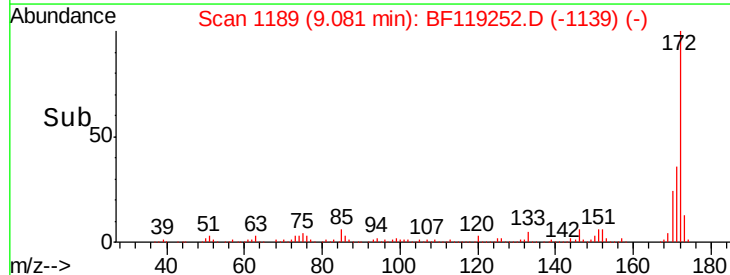
#45
 2-Fluorobiphenyl
 Concen: 63.164 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119252.D
 Acq: 6 Mar 2020 16:15

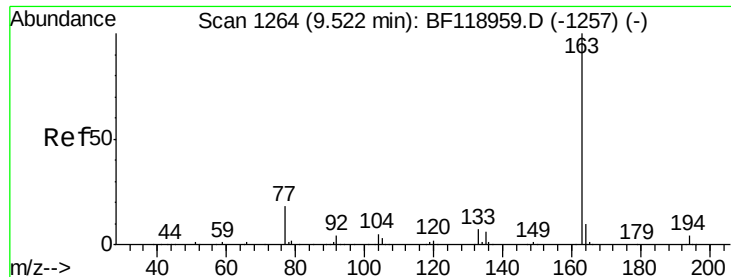
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	45.8
170	23.5	20.2	30.2



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

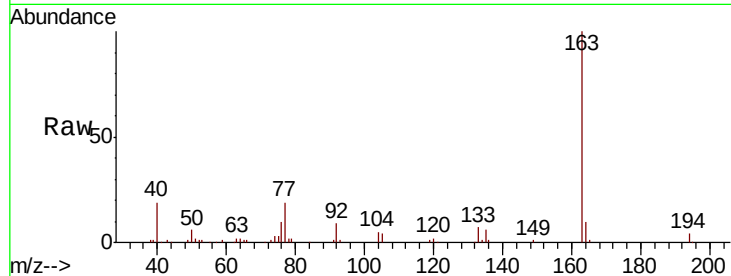




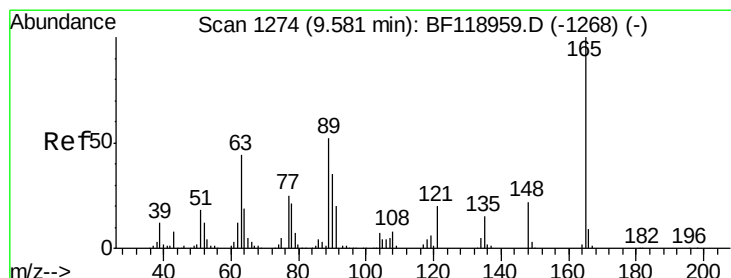
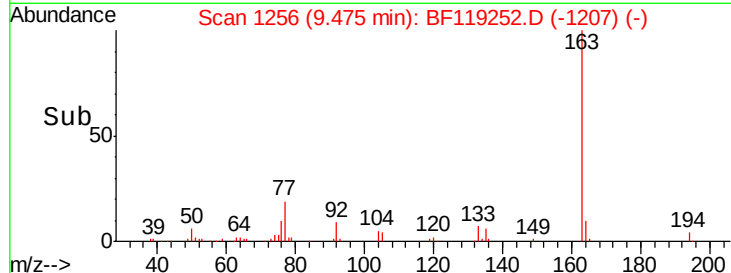
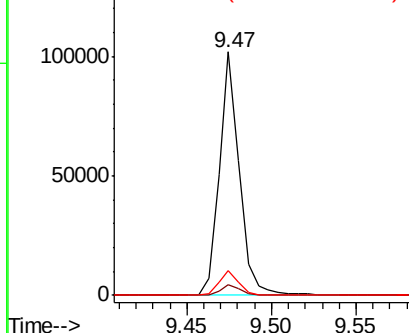
#50
Dimethylphthalate
Concen: 4.582 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 84139
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.9 8.4 12.6

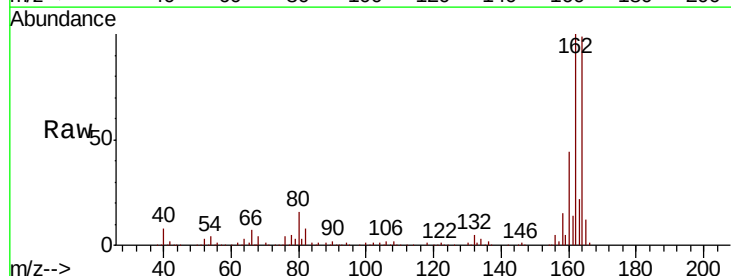


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

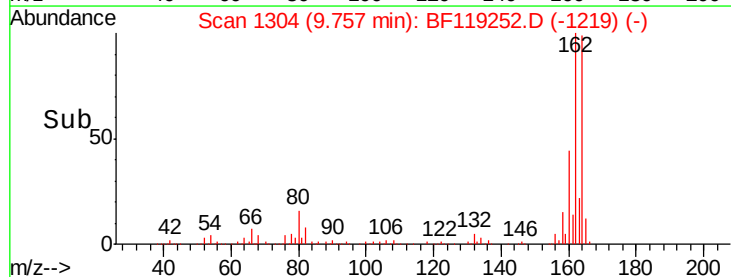
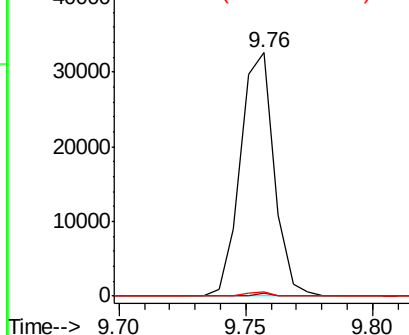


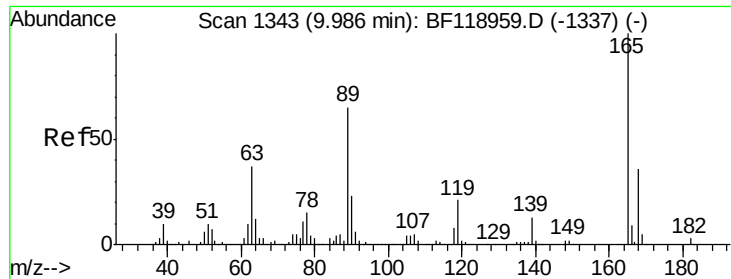
#51
2,6-Dinitrotoluene
Concen: 7.356 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

Tgt Ion:165 Resp: 30010
Ion Ratio Lower Upper
165 100
63 1.4 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: 5.675 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 30010

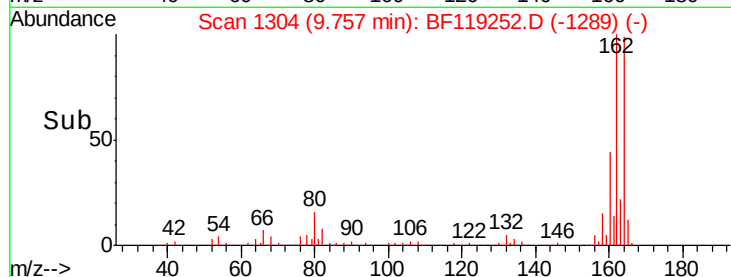
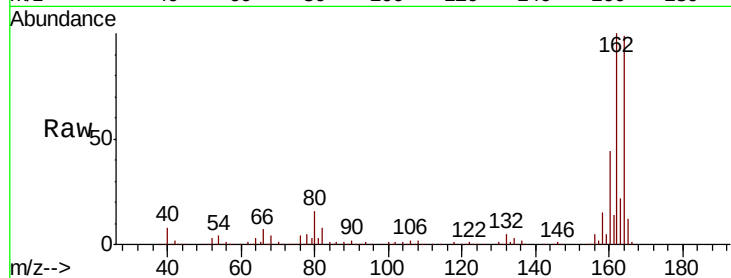
Ion Ratio Lower Upper

165 100

63 1.4 42.3 63.5#

89 1.7 60.2 90.4#

182 0.0 2.3 3.5#

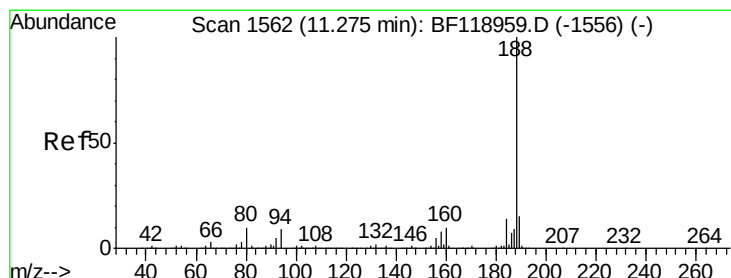
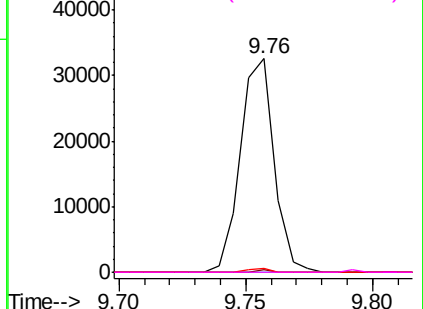


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

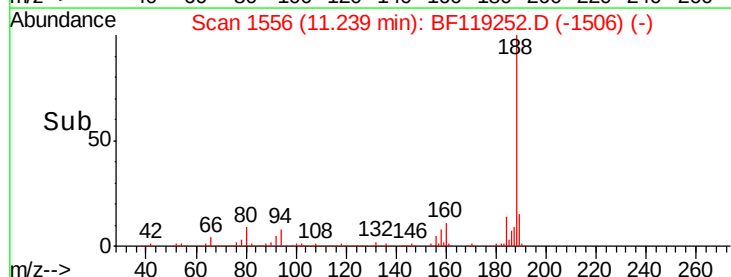
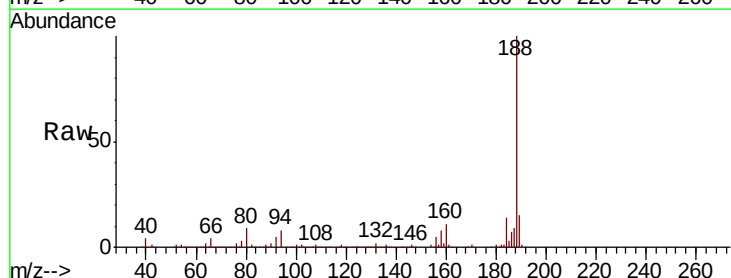
Tgt Ion:188 Resp: 461684

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

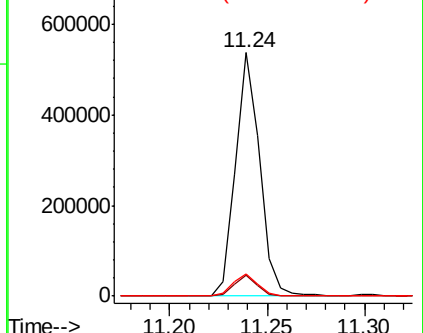
80 9.3 7.8 11.8

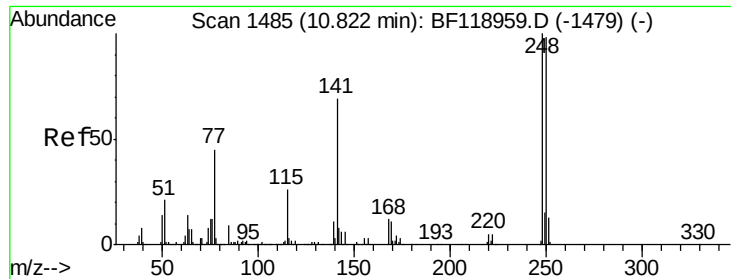


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

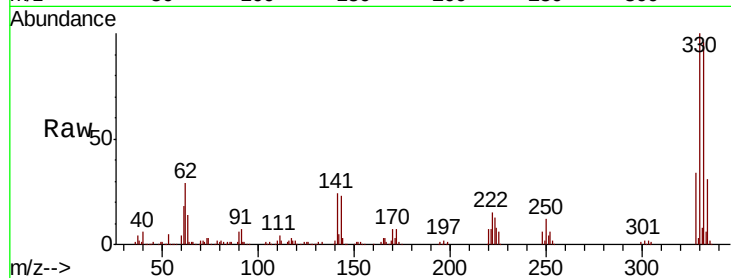




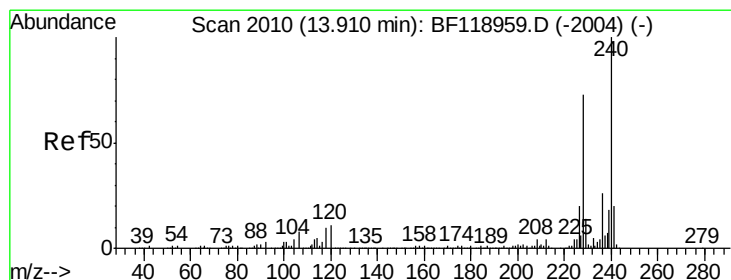
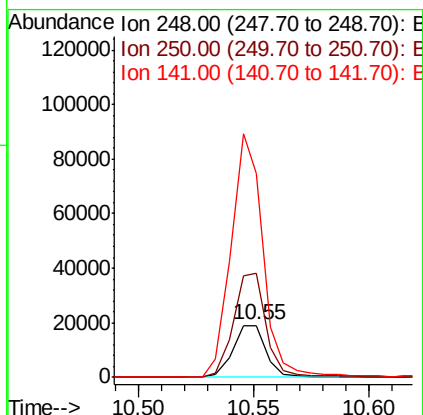
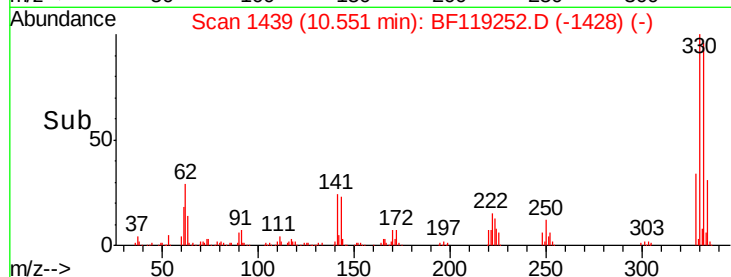
#67
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19123
Ion Ratio Lower Upper
248 100
250 200.1 76.7 115.1#
141 394.8 60.7 91.1#

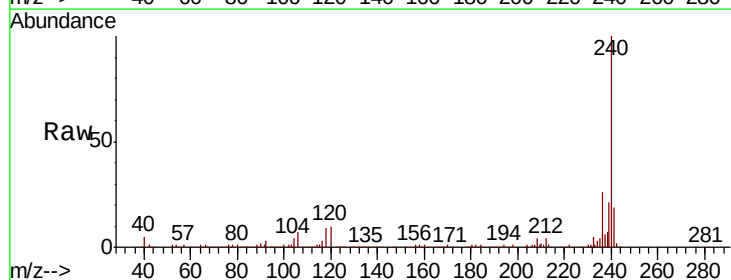


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

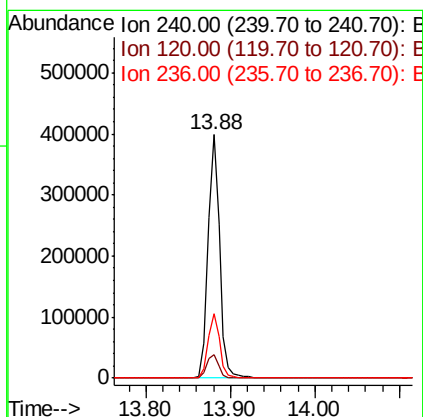
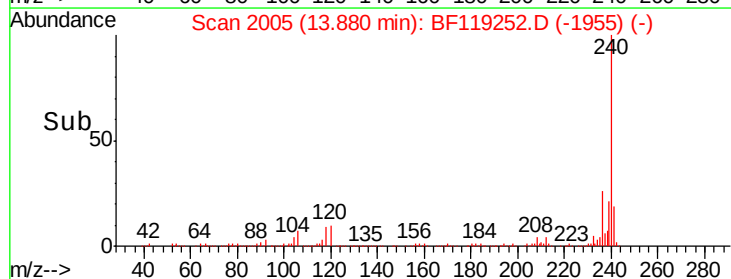


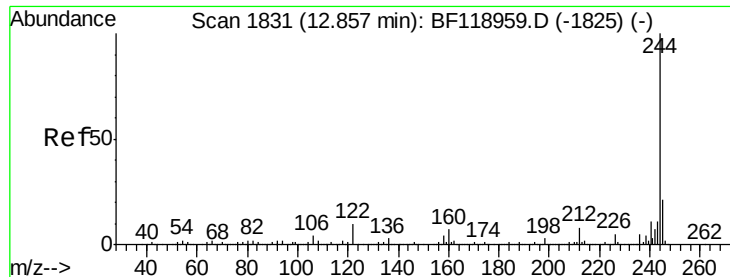
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119252.D
Acq: 6 Mar 2020 16:15

Tgt Ion:240 Resp: 383947
Ion Ratio Lower Upper
240 100
120 9.7 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





#79

Terphenyl-d14

Concen: 62.916 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

Instrument :

BNA_F

ClientSampleId :

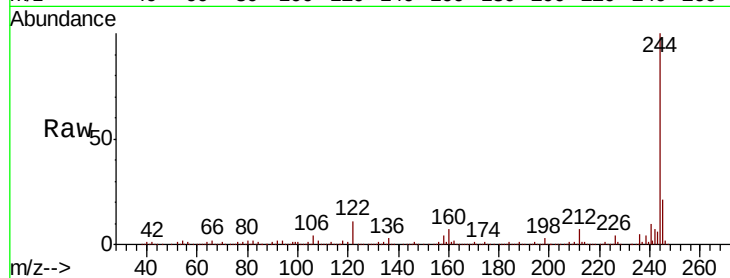
Tot Ion:244 Resp: 1403088

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

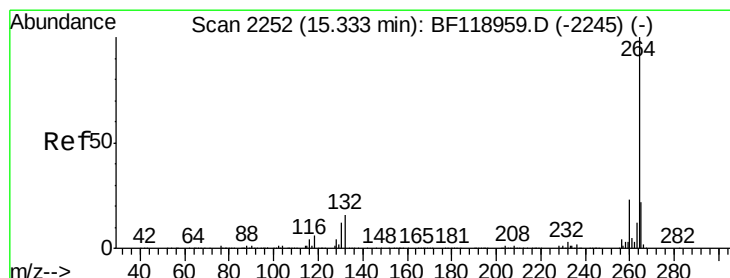
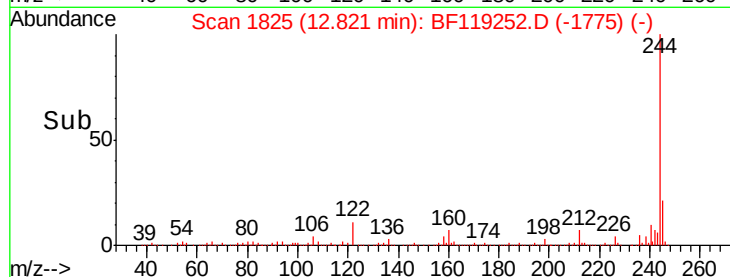
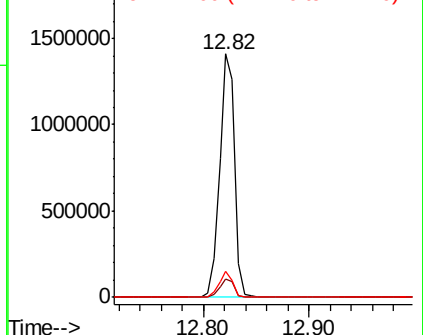
122 10.7 8.2 12.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF119252.D

Acq: 6 Mar 2020 16:15

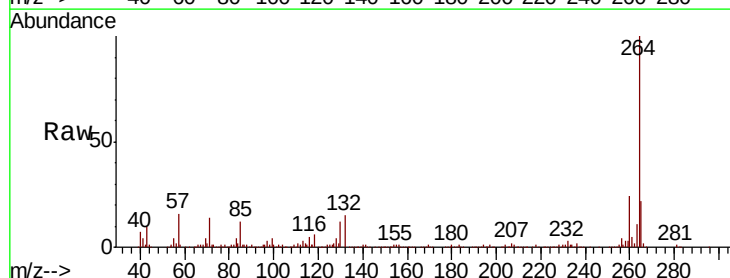
Tgt Ion:264 Resp: 375474

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.8 17.7 26.5



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

