

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121688.D
 Acq On : 24 Sep 2020 18:23
 Operator : JU/CG
 Sample : L4133-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1D

Quant Time: Sep 25 01:11:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

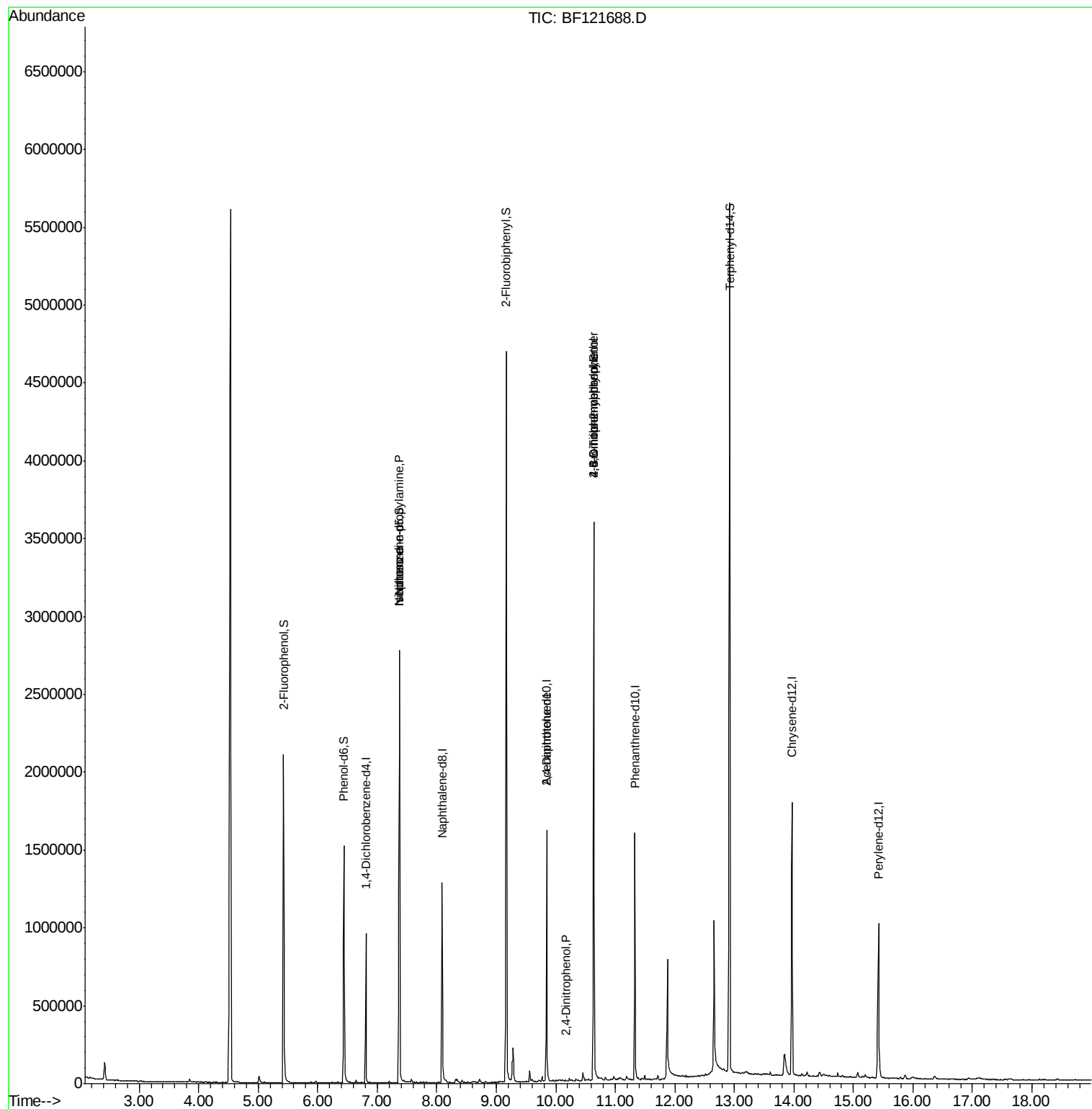
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149491	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588823	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	314904	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	613743	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	583215	20.00	ng	-0.01
86) Perylene-d12	15.42	264	501359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	601517	59.80	ng	0.00
7) Phenol-d6	6.44	99	499324	37.84	ng	-0.01
23) Nitrobenzene-d5	7.37	82	986024	89.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	516874	132.06	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1593774	76.65	ng	0.00
79) Terphenyl-d14	12.92	244	2241164	77.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	134478	17.681	ng	# 78
25) Isophorone	7.37	82	978833	44.339	ng	# 67
54) 2,4-Dinitrophenol	10.16	184	127	9.088	ng	# 20
57) 2,4-Dinitrotoluene	9.85	165	39984	6.539	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	821	7.039	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	29390	4.206	ng	# 1

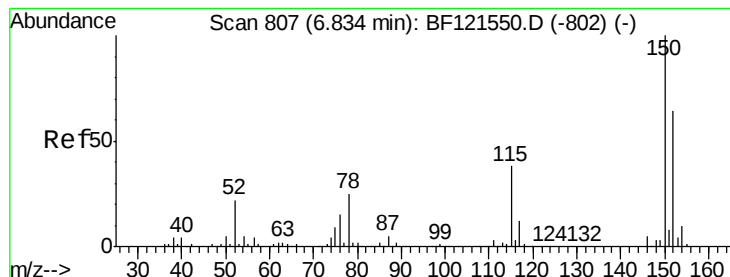
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 01:11:29 2020
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QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration



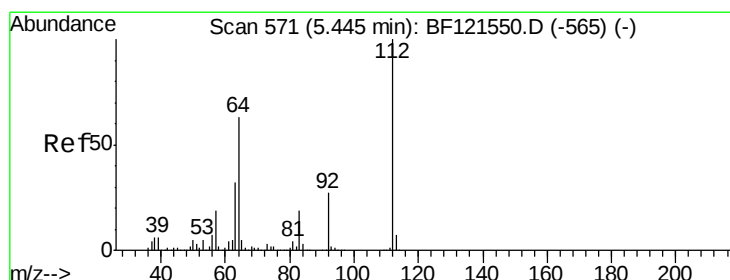
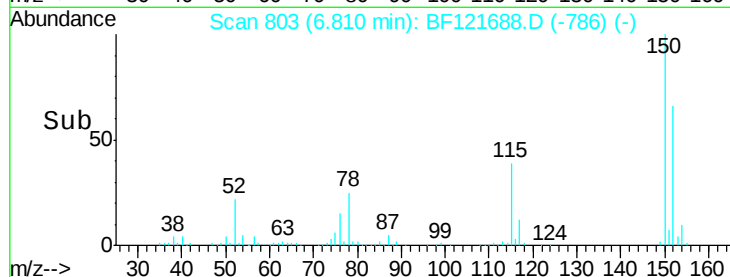
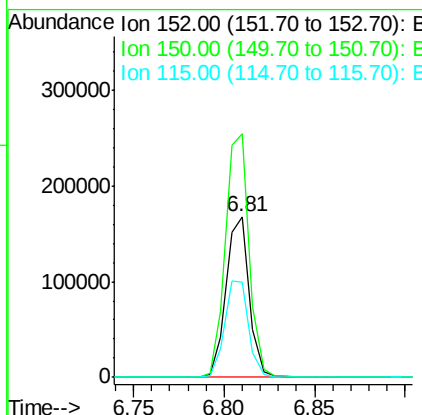
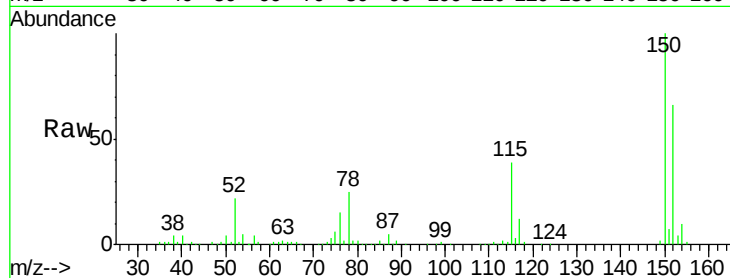


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Instrument :
BNA_F
ClientSampleId :
MW1D

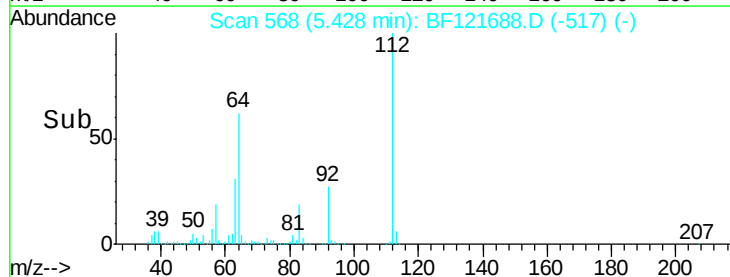
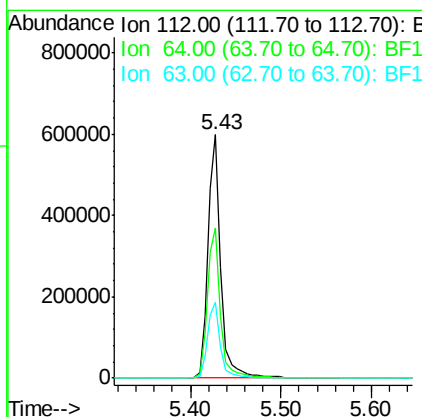
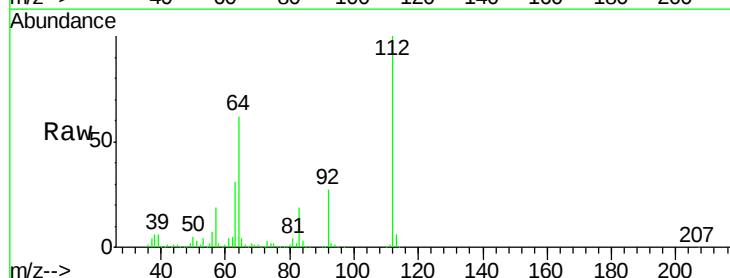
Tot Ion:152 Resp: 149491
Ion Ratio Lower Upper
152 100
150 151.6 128.1 192.1
115 59.1 52.6 79.0

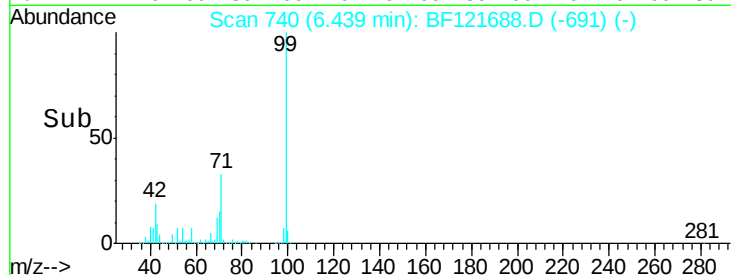
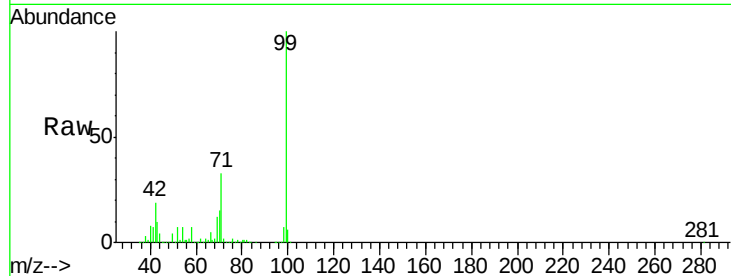


#5

2-Fluorophenol
Concen: 59.798 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Tgt Ion:112 Resp: 601517
Ion Ratio Lower Upper
112 100
64 61.7 52.2 78.2
63 31.2 26.6 39.8





#7

Phenol-d6

Concen: 37.836 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

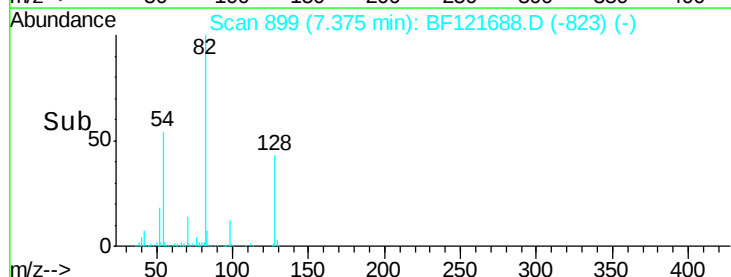
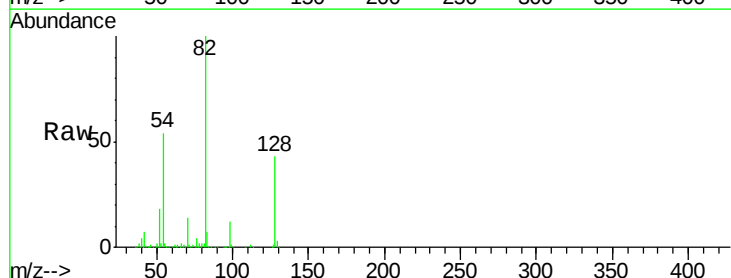
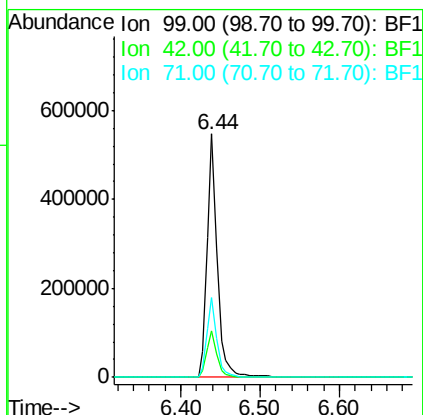
Tot Ion: 99 Resp: 499324

Ion Ratio Lower Upper

99 100

42 19.1 15.5 23.3

71 32.6 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.681 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Tgt Ion: 70 Resp: 134478

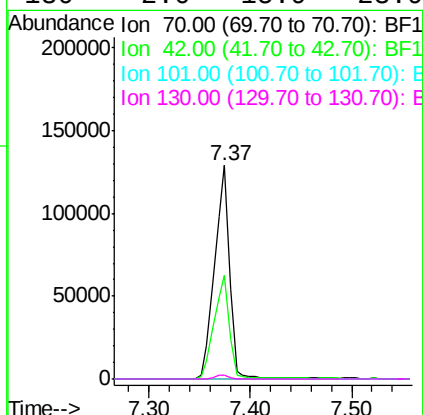
Ion Ratio Lower Upper

70 100

42 48.5 48.3 72.5

101 0.0 7.6 11.4#

130 2.0 15.9 23.9#

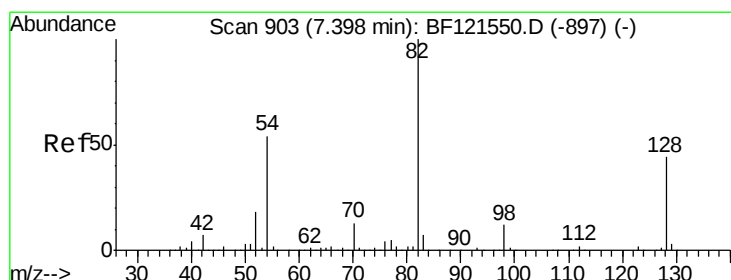
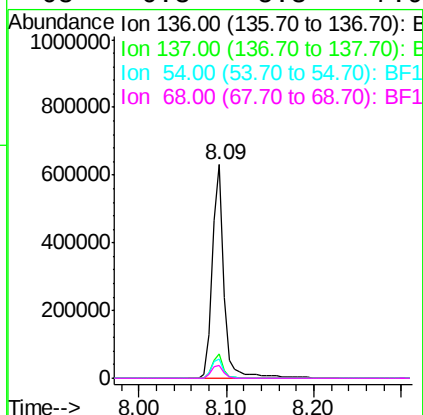
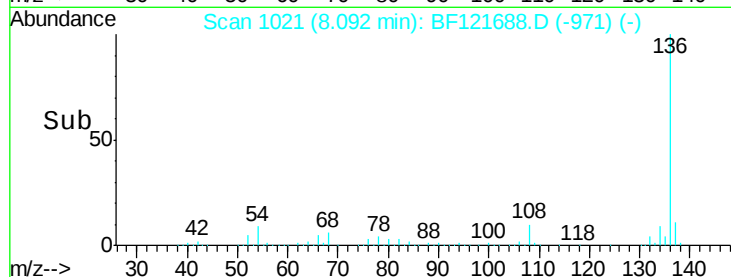
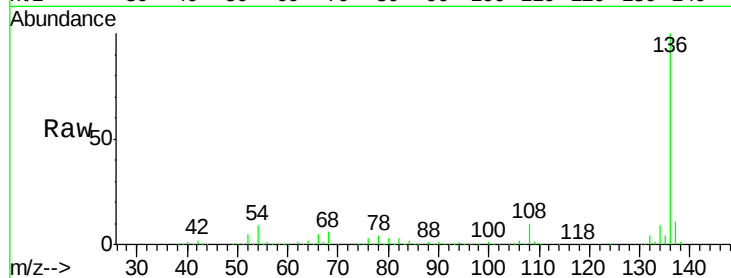




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

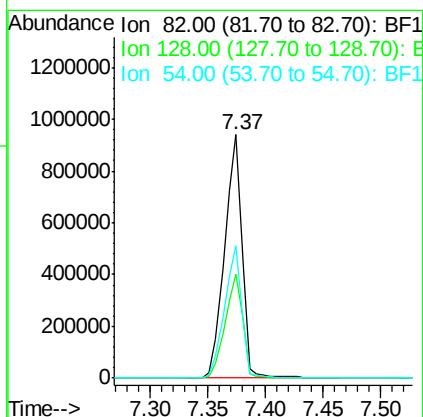
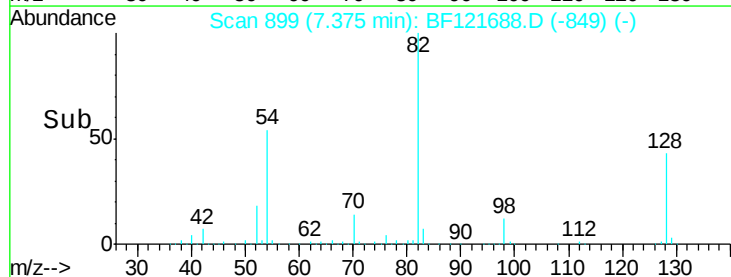
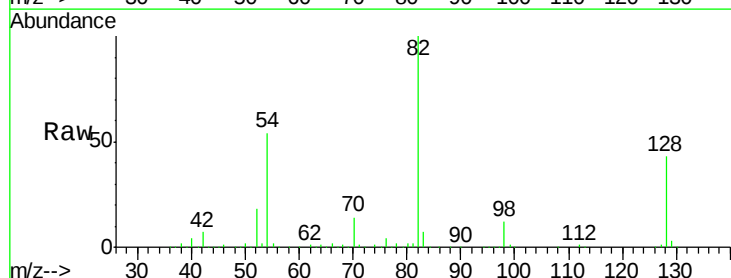
Instrument :
BNA_F
ClientSampleId :
MW1D

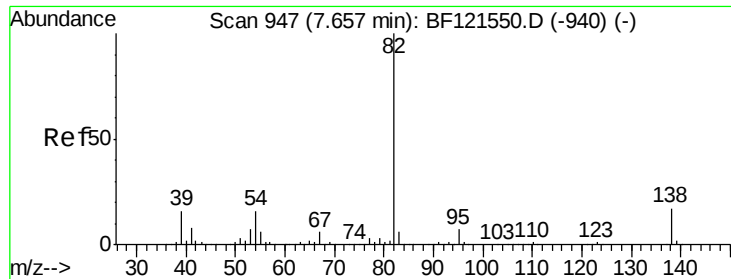
Tot Ion:136	Resp: 588823
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.9	7.4 11.0
68 6.3	5.3 7.9



#23
Nitrobenzene-d5
Concen: 89.911 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Tgt Ion: 82	Resp: 986024
Ion Ratio	Lower Upper
82 100	
128 42.9	33.9 50.9
54 54.2	42.9 64.3





#25

Isophorone

Concen: 44.339 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

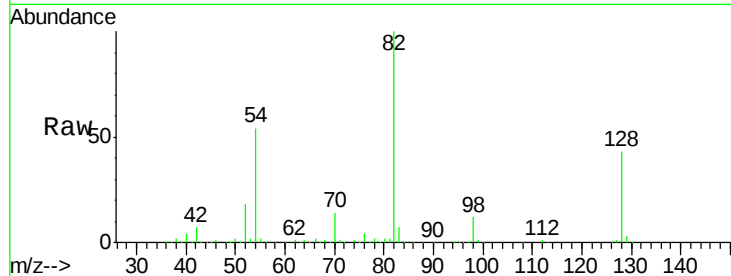
Tot Ion: 82 Resp: 978833

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

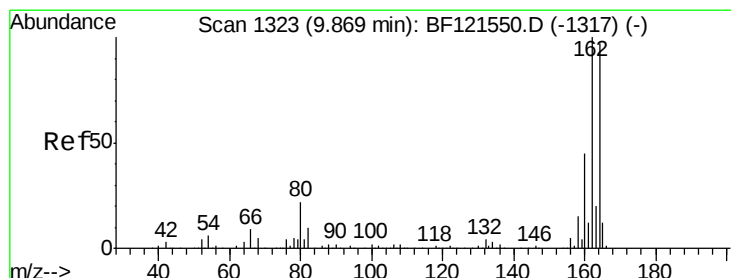
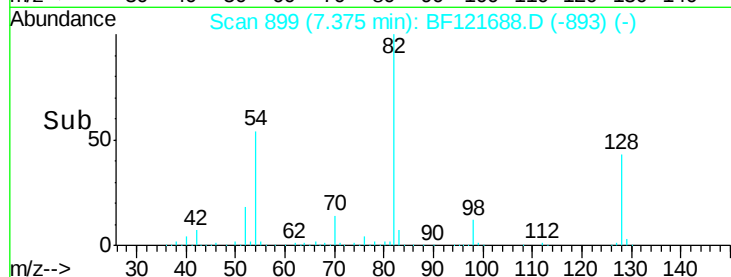
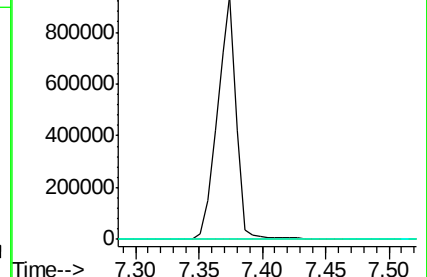
138 0.0 13.2 19.8#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

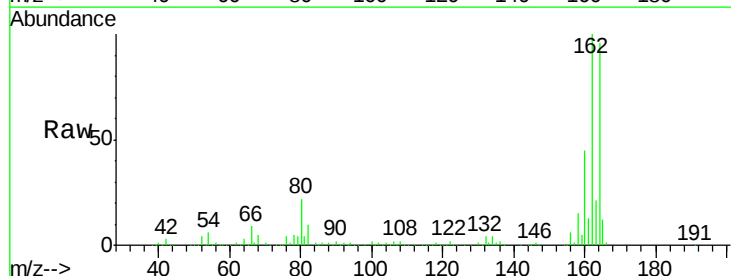
Tgt Ion:164 Resp: 314904

Ion Ratio Lower Upper

164 100

162 104.1 81.2 121.8

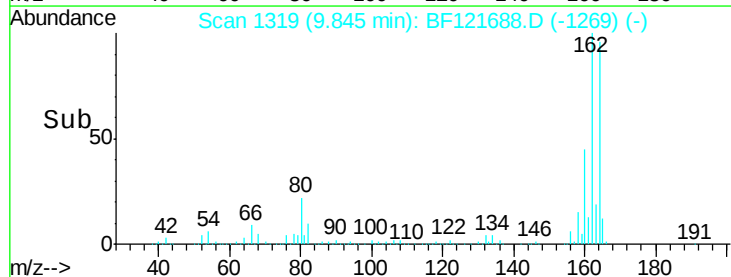
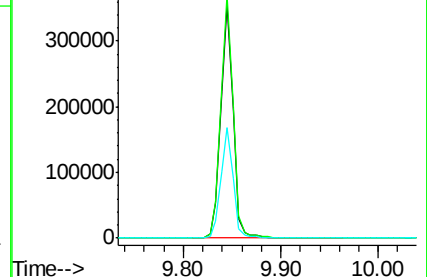
160 47.3 36.2 54.4

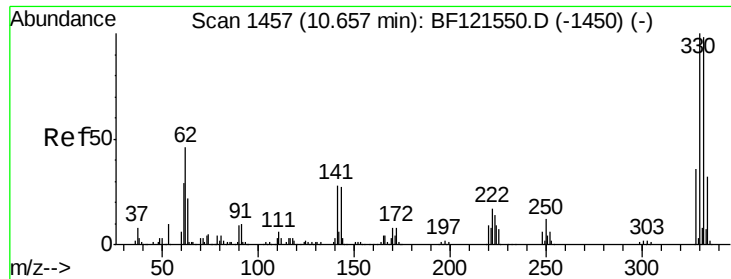


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

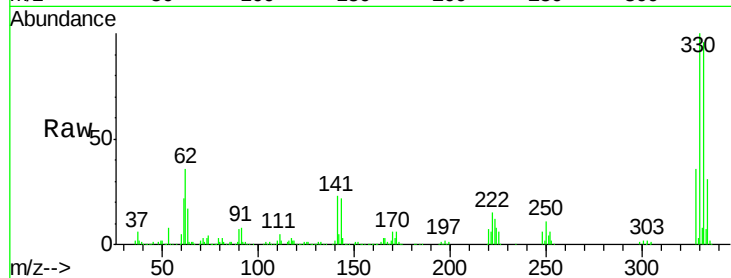




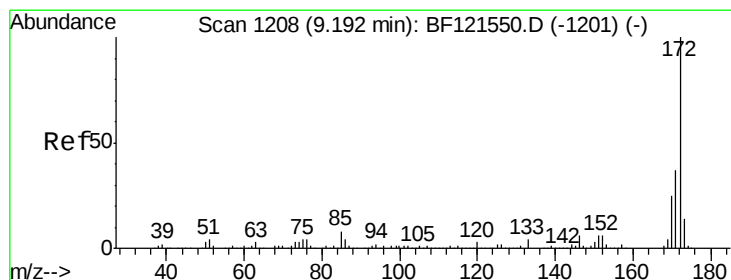
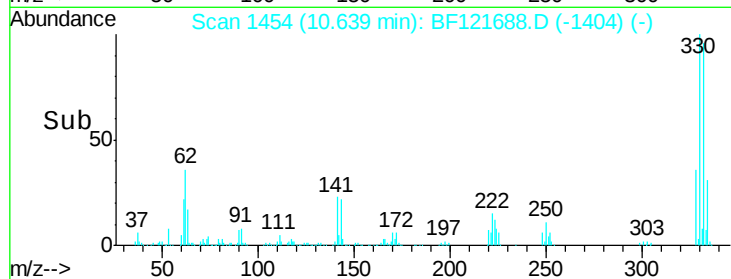
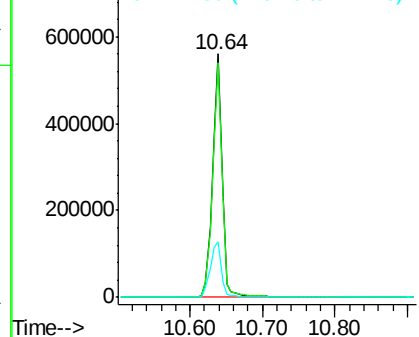
#42
 2,4,6-Tribromophenol
 Concen: 132.063 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121688.D
 Acq: 24 Sep 2020 18:23

Instrument :
 BNA_F
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 MW1D

Tot Ion:330 Resp: 516874
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 27.3 22.4 33.6

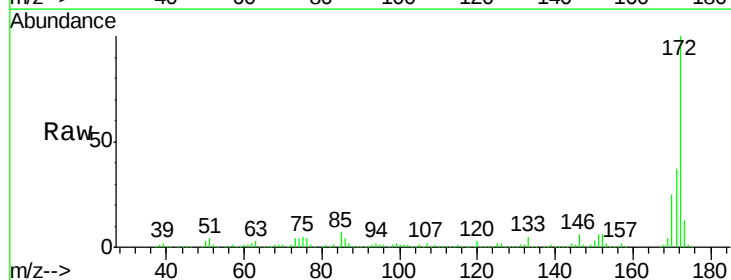


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

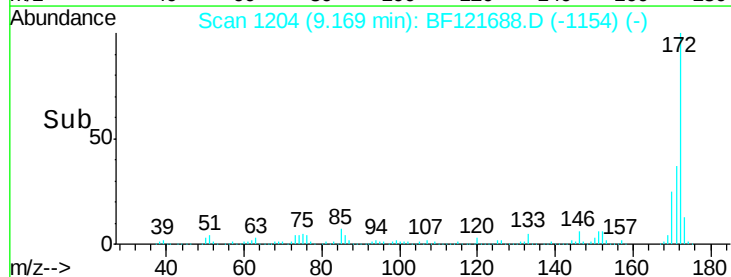
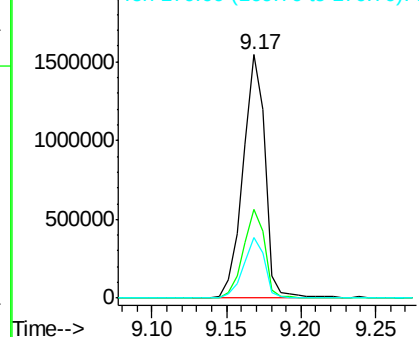


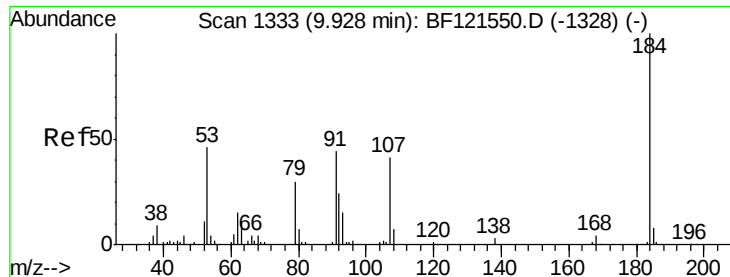
#45
 2-Fluorobiphenyl
 Concen: 76.653 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121688.D
 Acq: 24 Sep 2020 18:23

Tgt Ion:172 Resp: 1593774
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.6 19.5 29.3



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





#54

2,4-Dinitrophenol

Concen: 9.088 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.25 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

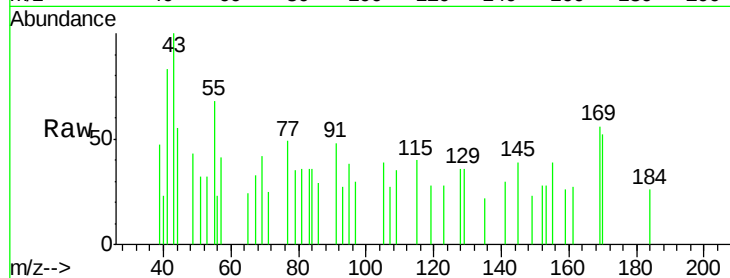
Tot Ion:184 Resp: 127

Ion Ratio Lower Upper

184 100

63 0.0 51.5 77.3#

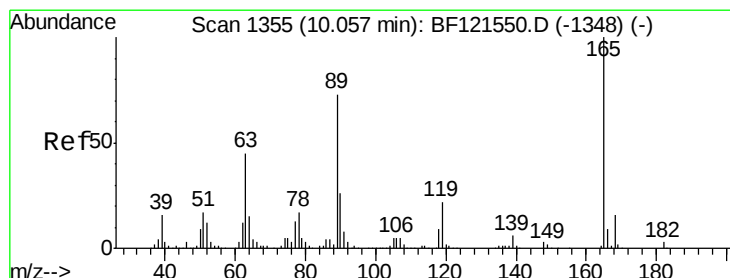
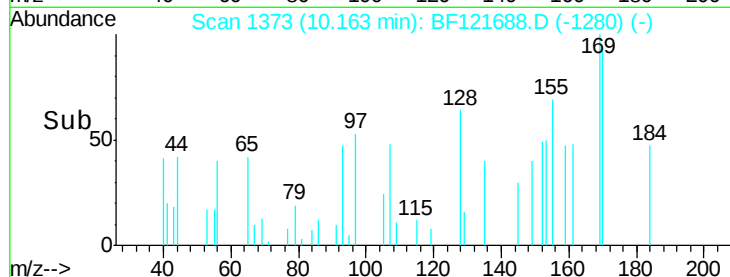
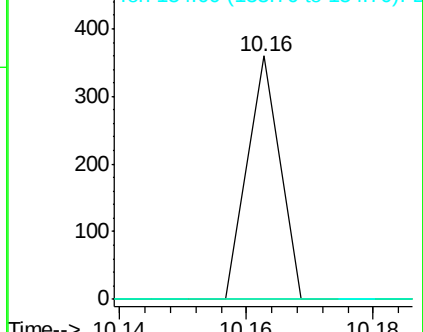
154 0.0 46.6 70.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#57

2,4-Dinitrotoluene

Concen: 6.539 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Tgt Ion:165 Resp: 39984

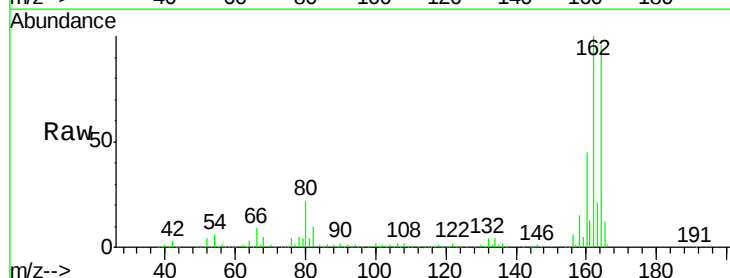
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.7 57.7 86.5#

182 0.0 2.1 3.1#

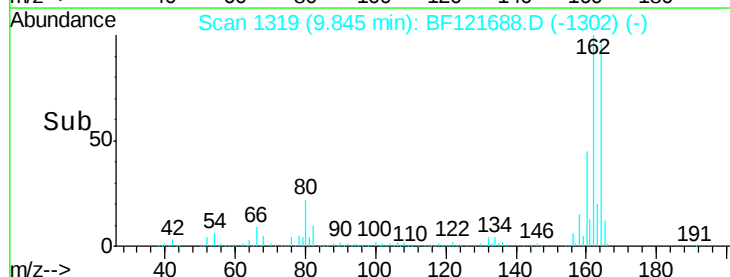
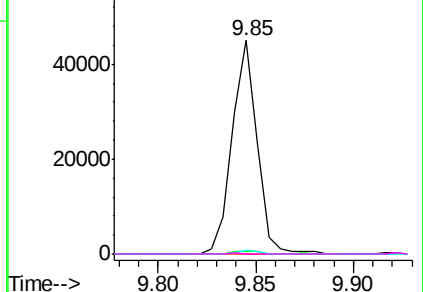


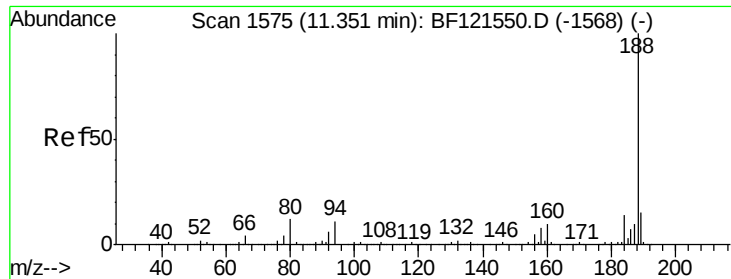
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

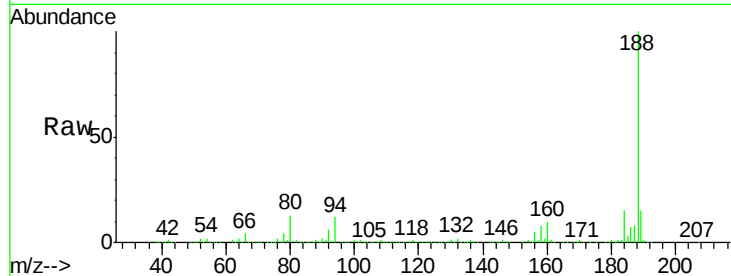
Tot Ion:188 Resp: 613743

Ion Ratio Lower Upper

188 100

94 11.8 8.4 12.6

80 12.6 9.0 13.4

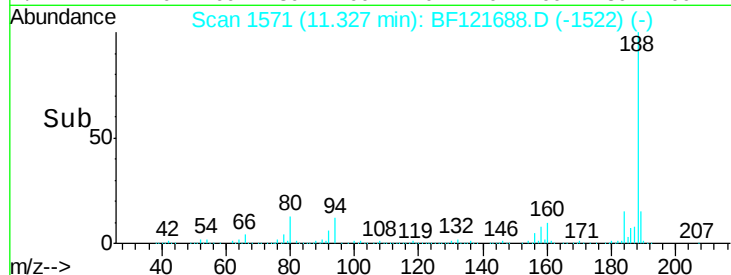


Abundance Ion 188.00 (187.70 to 188.70): E

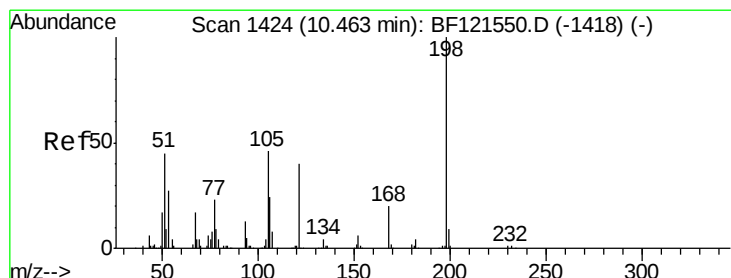
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.039 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

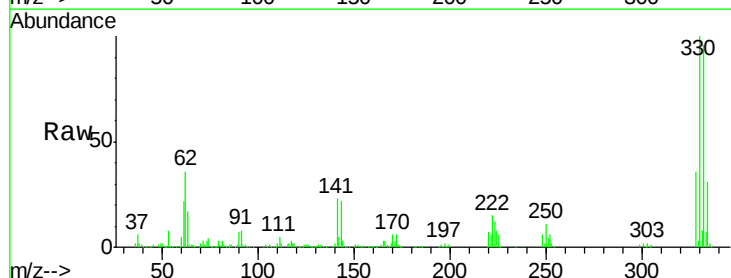
Tgt Ion:198 Resp: 821

Ion Ratio Lower Upper

198 100

51 194.4 20.3 60.3#

105 207.0 20.2 60.2#

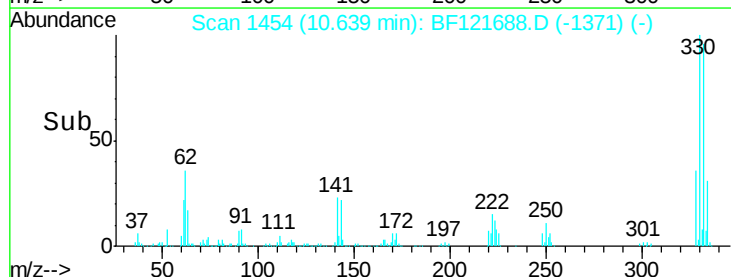


Abundance Ion 198.00 (197.70 to 198.70): E

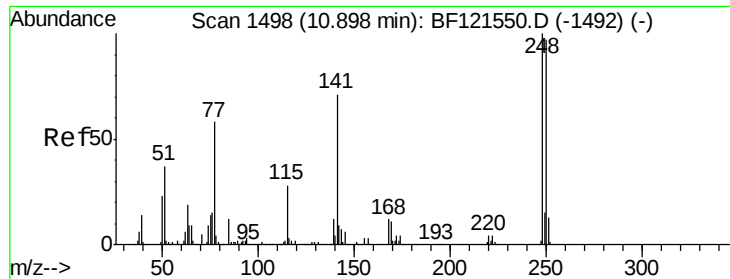
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



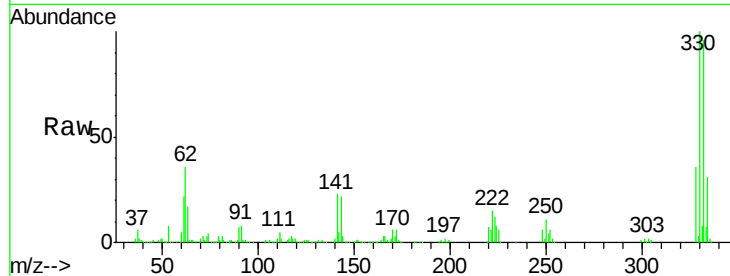
Time-->



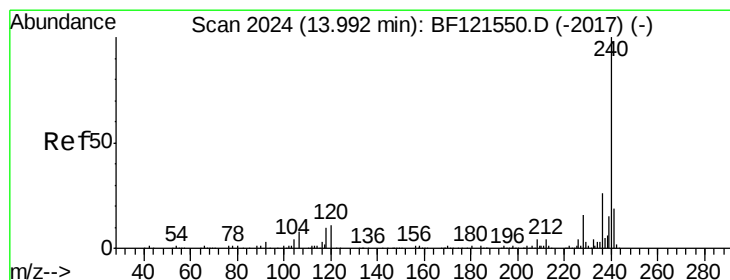
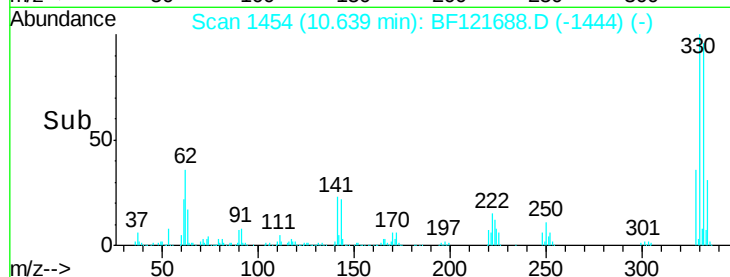
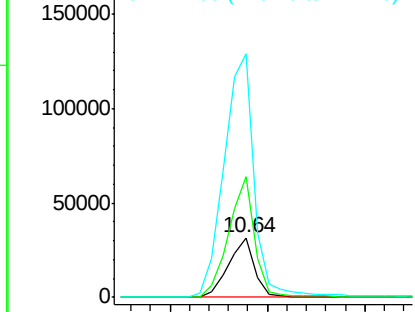
#67
4-Bromophenyl-phenylether
Concen: 4.206 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Instrument :
BNA_F
ClientSampleId :
MW1D

Tot Ion:248 Resp: 29390
Ion Ratio Lower Upper
248 100
250 204.5 79.4 119.0#
141 410.6 52.2 78.4#

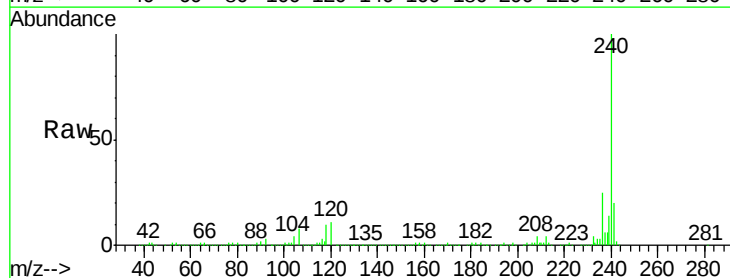


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

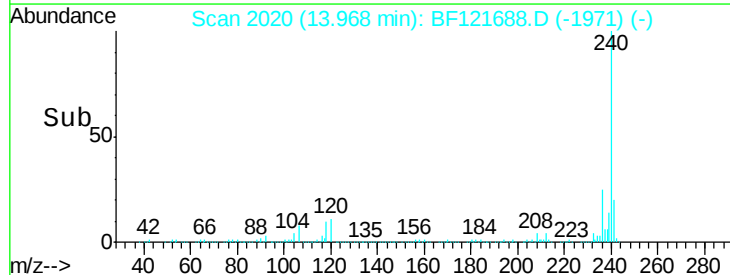
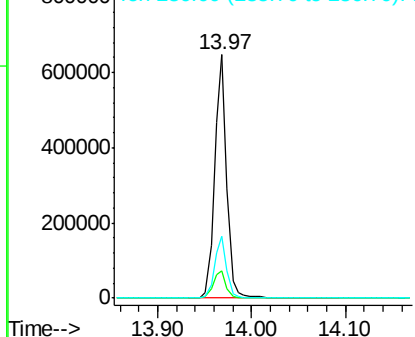


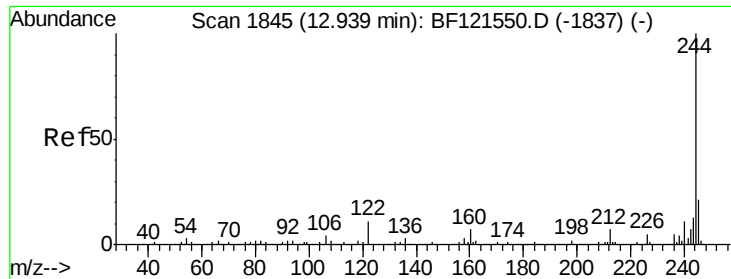
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121688.D
Acq: 24 Sep 2020 18:23

Tgt Ion:240 Resp: 583215
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.2 20.4 30.6



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: 77.851 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

Instrument :

BNA_F

ClientSampleId :

MW1D

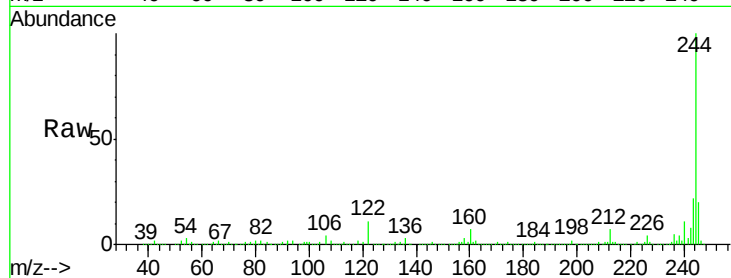
Tot Ion:244 Resp: 2241164

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

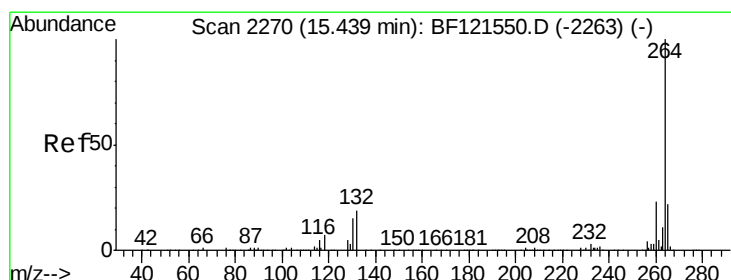
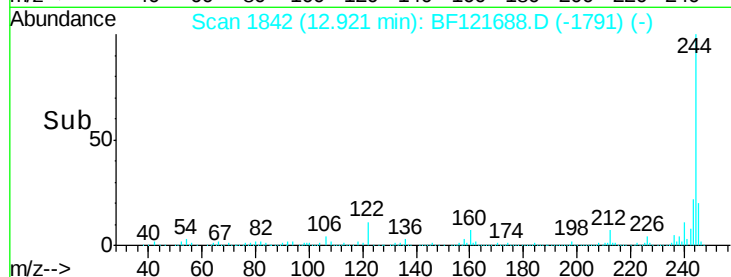
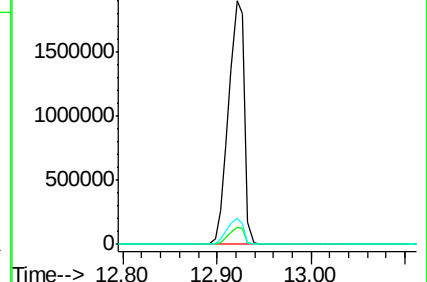
122 10.7 7.4 11.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121688.D

Acq: 24 Sep 2020 18:23

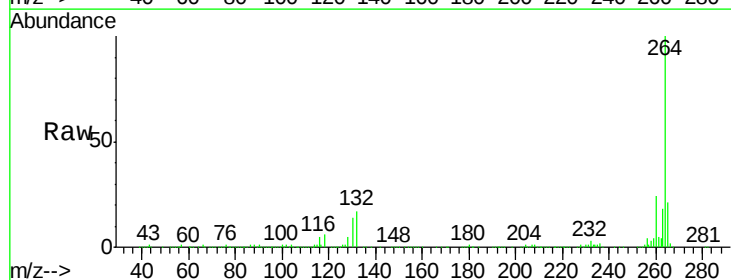
Tgt Ion:264 Resp: 501359

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.4 17.3 25.9



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

