

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121625.D
 Acq On : 21 Sep 2020 14:20
 Operator : JU/CG
 Sample : PB131730TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131730TB

Quant Time: Sep 21 14:53:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	172812	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	686205	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	360640	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	701448	20.00	ng	0.00
76) Chrysene-d12	13.99	240	645619	20.00	ng	0.00
86) Perylene-d12	15.46	264	600250	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1087065	93.48	ng	0.02
7) Phenol-d6	6.46	99	1382765	90.64	ng	0.00
23) Nitrobenzene-d5	7.38	82	968145	75.75	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	464074	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1721718	72.30	ng	0.00
79) Terphenyl-d14	12.95	244	1959347	61.48	ng	0.00

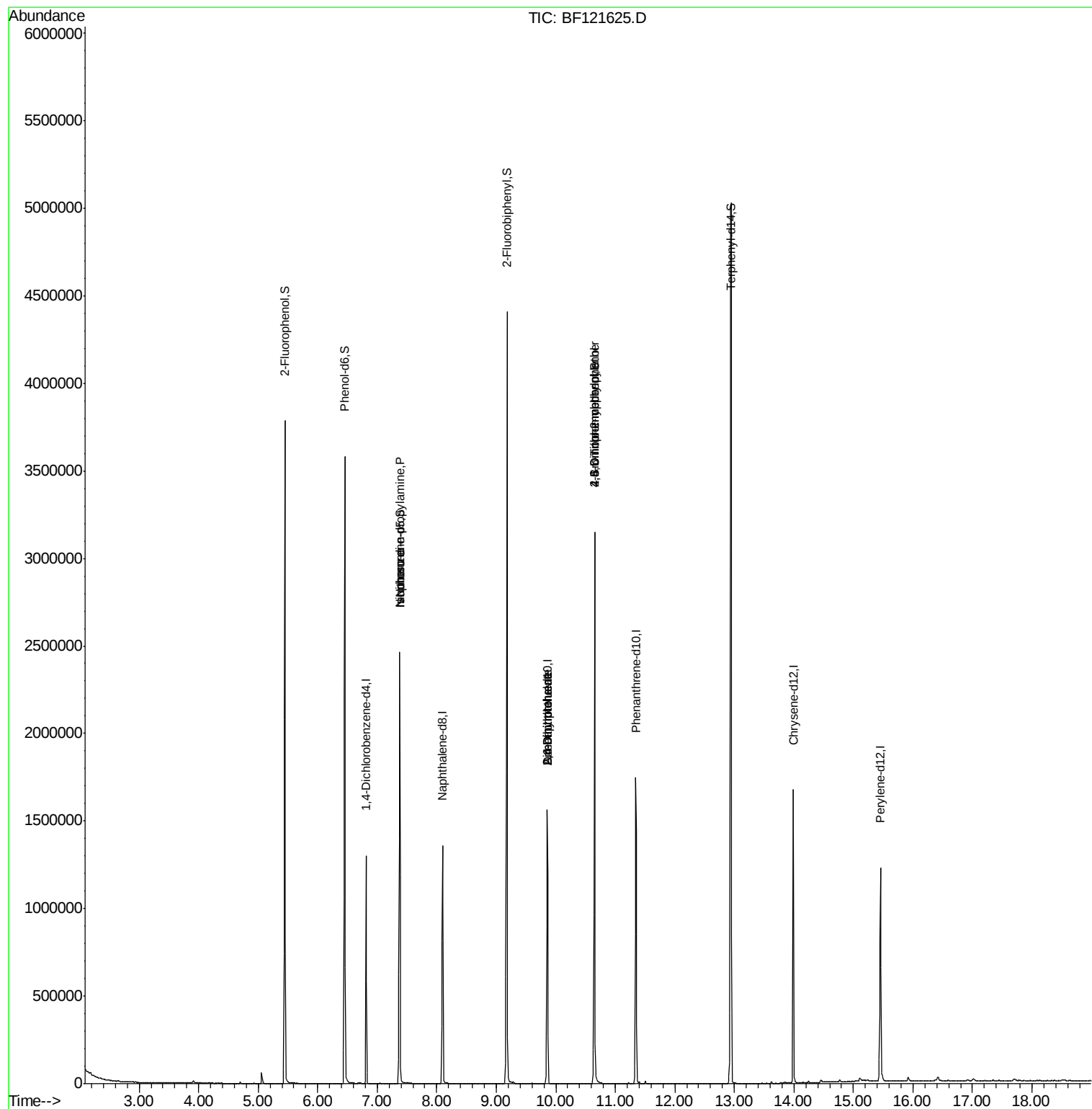
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	129783	14.761	ng	# 79
25) Isophorone	7.38	82	959286	37.287	ng	# 67
50) Dimethylphthalate	9.86	163	72635	2.779	ng	# 1
51) 2,6-Dinitrotoluene	9.86	165	45798	8.227	ng	# 24
57) 2,4-Dinitrotoluene	9.86	165	45798	6.540	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.65	198	682	6.988	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	26633	3.335	ng	# 1

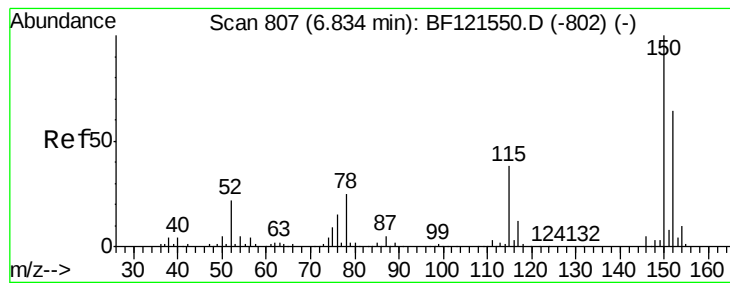
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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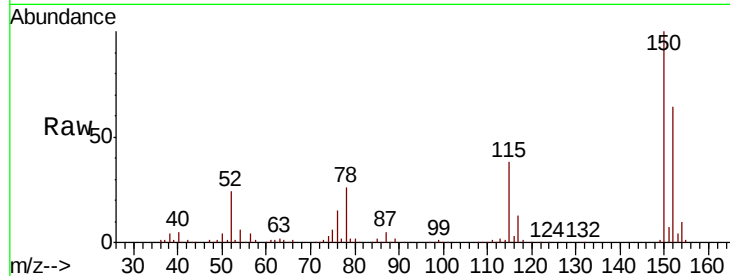


#1

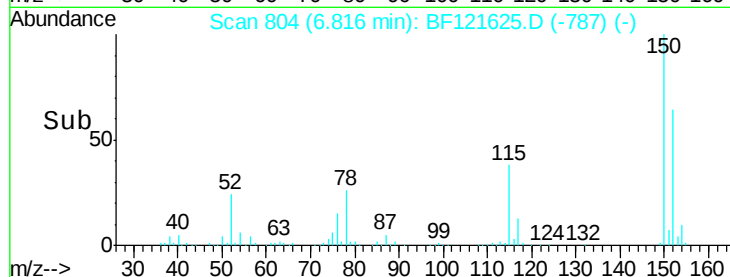
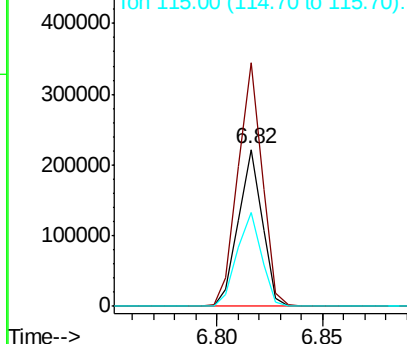
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Instrument :
BNA_F
ClientSampleId :
PB131730TB

Tot Ion:152 Resp: 172812
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 59.7 52.6 79.0



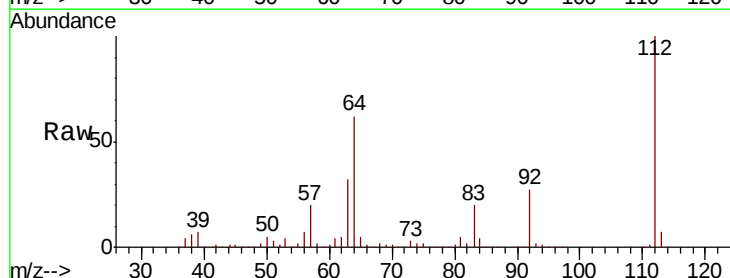
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



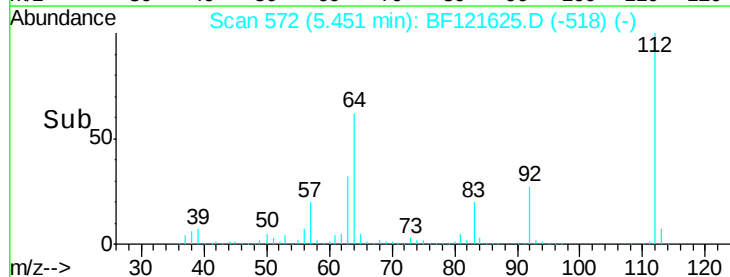
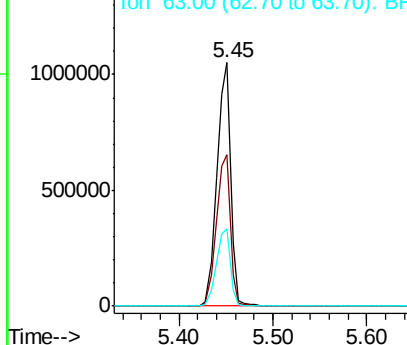
#5

2-Fluorophenol
Concen: 93.484 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Tgt Ion:112 Resp: 1087065
Ion Ratio Lower Upper
112 100
64 62.4 52.2 78.2
63 31.9 26.6 39.8



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: 90.639 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

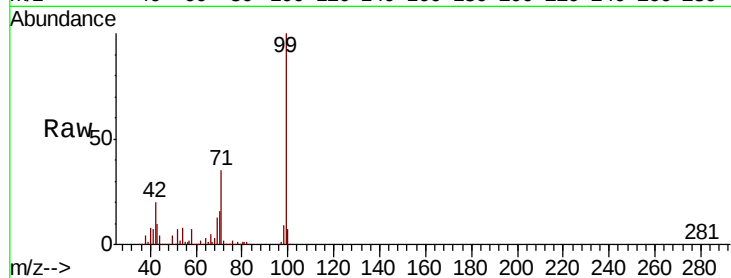
BNA_F

ClientSampleId :

PB131730TB

Tot Ion: 99 Resp: 1382765

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.5	23.3
71	34.9	27.4	41.2



Abundance

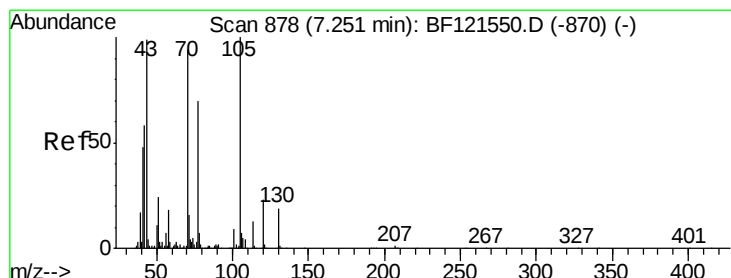
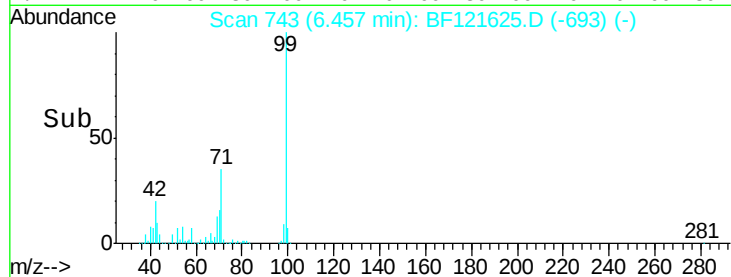
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.46

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.761 ng

RT: 7.38 min Scan# 900

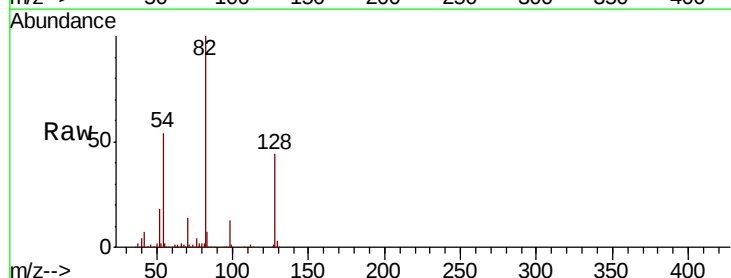
Delta R.T. 0.14 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Tgt Ion: 70 Resp: 129783

Ion	Ratio	Lower	Upper
70	100		
42	49.5	48.3	72.5
101	0.0	7.6	11.4#
130	2.1	15.9	23.9#



Abundance

Ion 70.00 (69.70 to 70.70): BF1

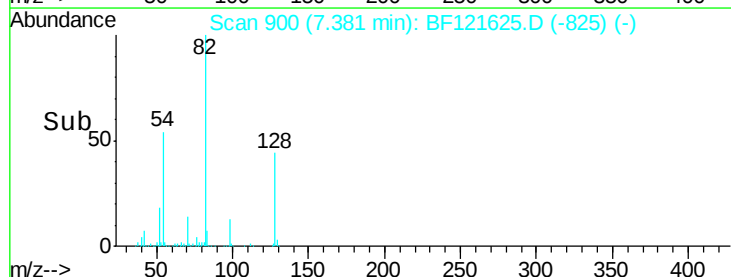
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

7.38

Time-->

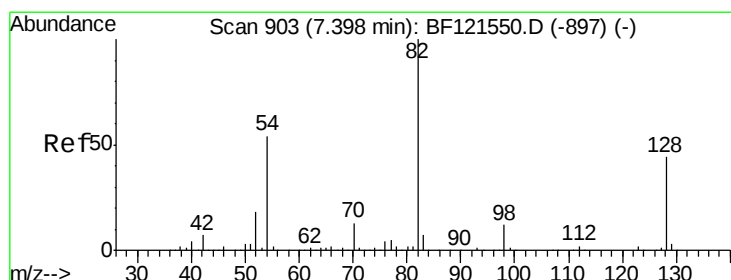
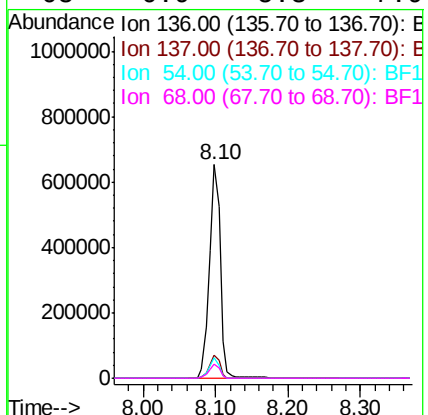
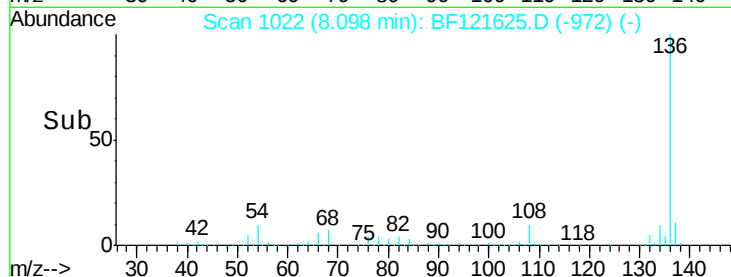
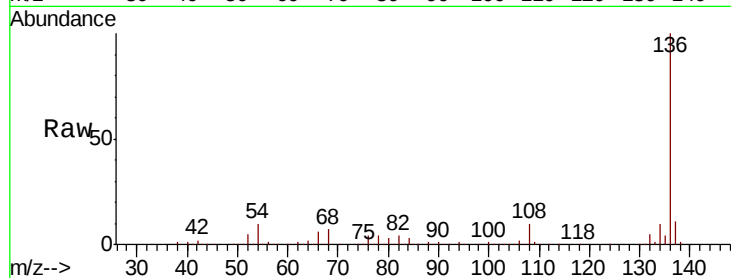




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

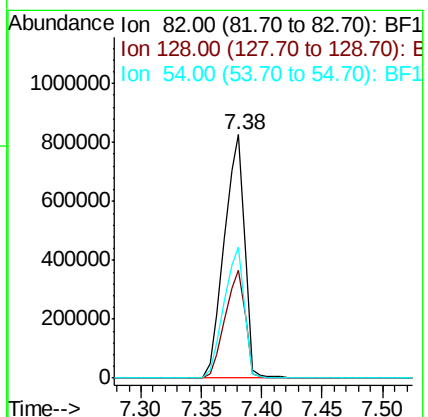
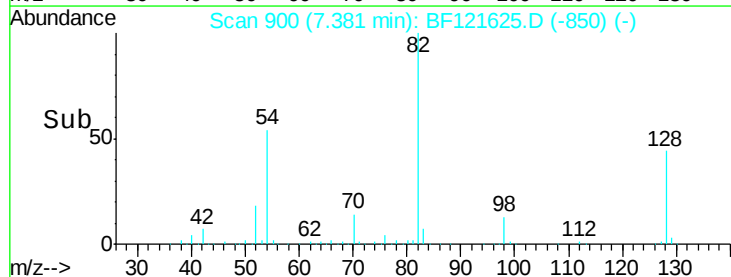
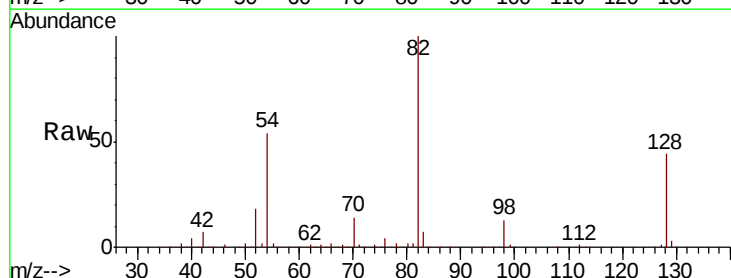
Instrument :
BNA_F
ClientSampleId :
PB131730TB

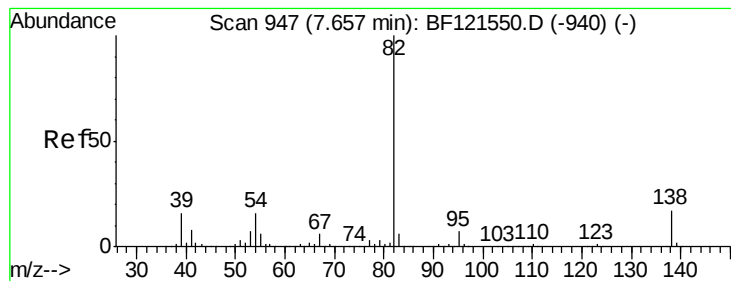
Tot Ion:136	Resp:	686205
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	9.6	7.4 11.0
68	6.9	5.3 7.9



#23
Nitrobenzene-d5
Concen: 75.752 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Tgt Ion: 82	Resp:	968145
Ion	Ratio	Lower Upper
82	100	
128	44.3	33.9 50.9
54	54.1	42.9 64.3





#25

Isophorone

Concen: 37.287 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

BNA_F

ClientSampled :

PB131730TB

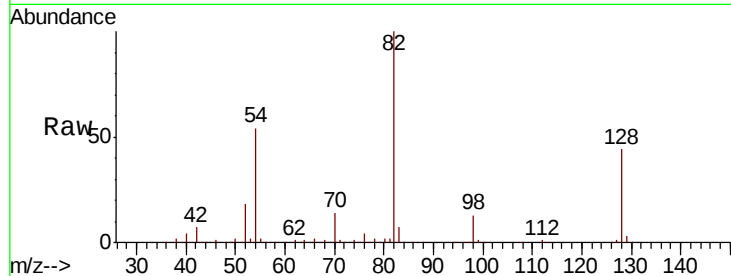
Tot Ion: 82 Resp: 959286

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

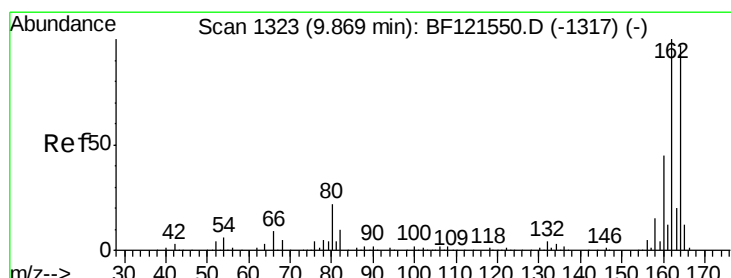
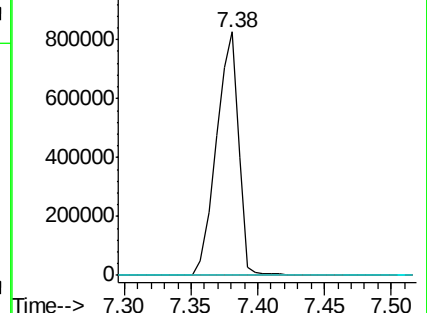
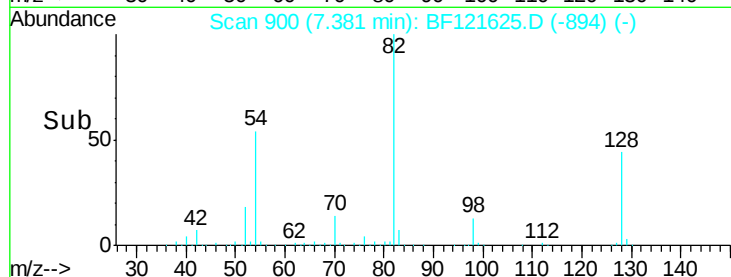
138 0.0 13.2 19.8#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

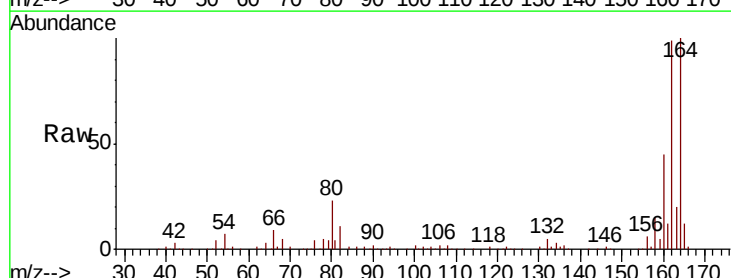
Tgt Ion: 164 Resp: 360640

Ion Ratio Lower Upper

164 100

162 99.4 81.2 121.8

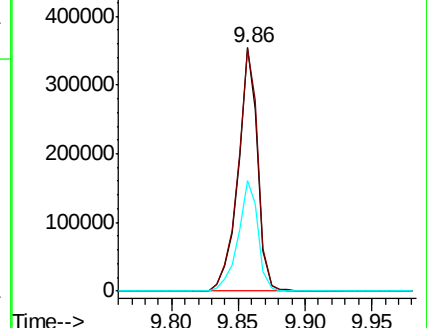
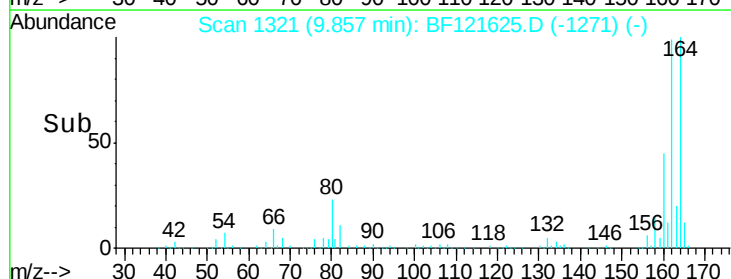
160 45.3 36.2 54.4

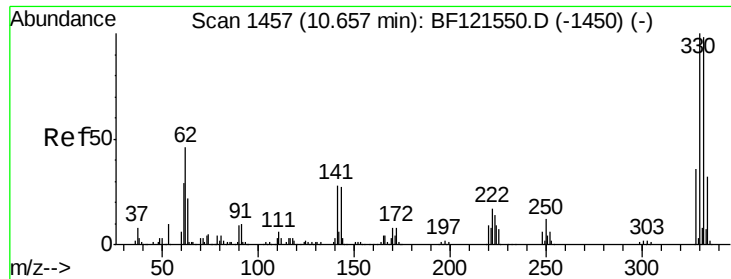


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 103.535 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

BNA_F

ClientSampleId :

PB131730TB

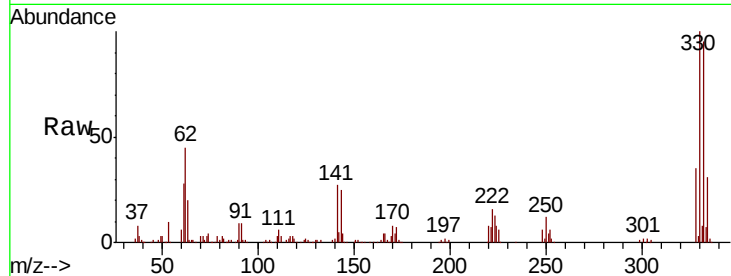
Tot Ion:330 Resp: 464074

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

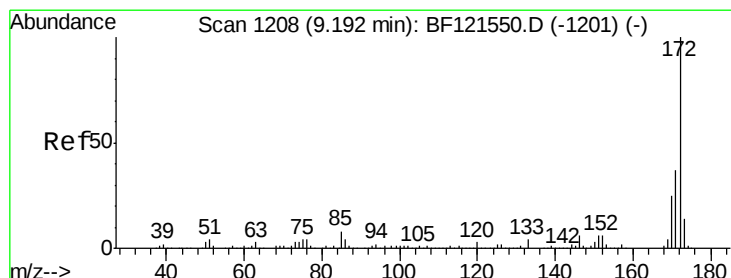
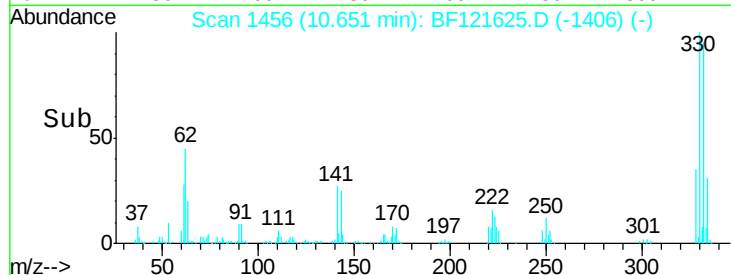
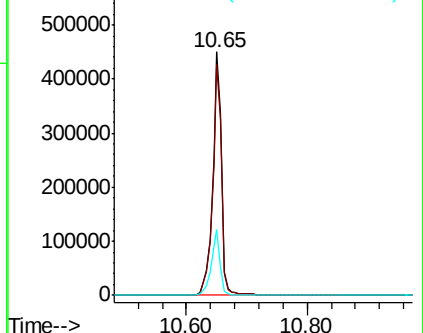
141 27.5 22.4 33.6



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: 72.305 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

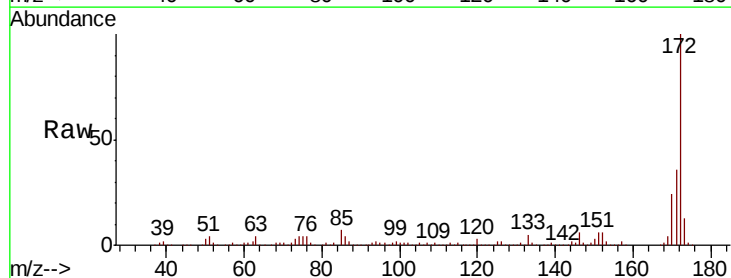
Tgt Ion:172 Resp: 1721718

Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

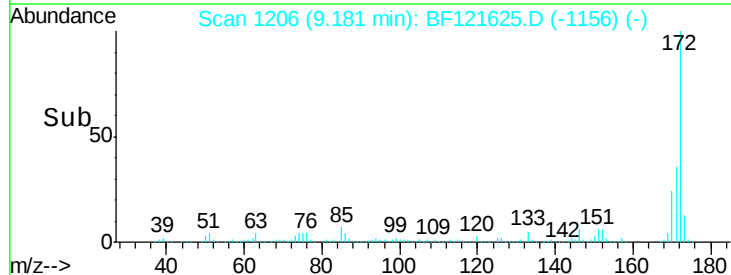
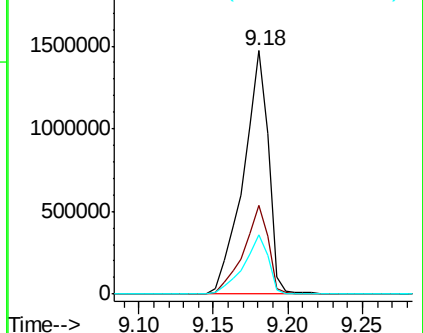
170 24.5 19.5 29.3

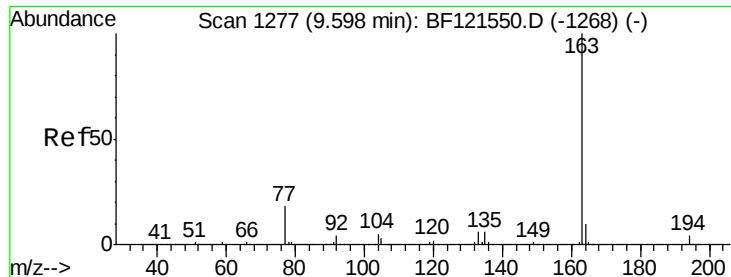


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.779 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.26 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

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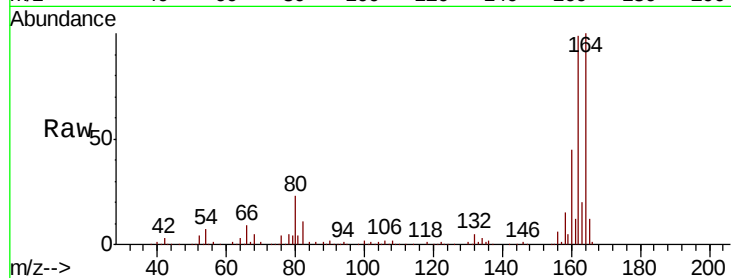
Tot Ion:163 Resp: 72635

Ion Ratio Lower Upper

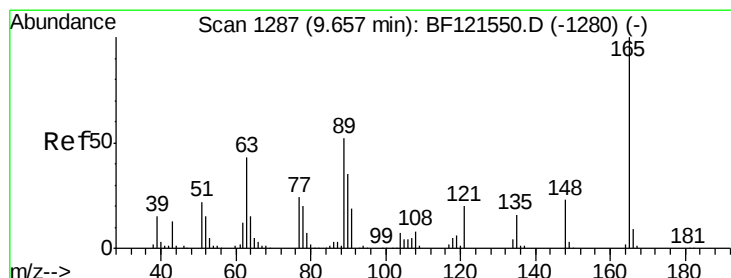
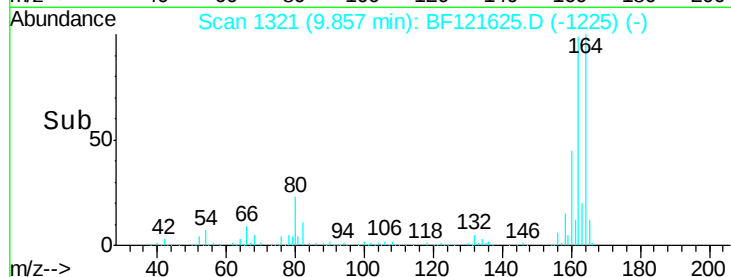
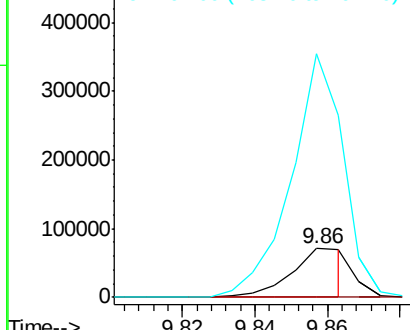
163 100

194 0.0 3.3 4.9#

164 499.6 8.0 12.0#



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: 8.227 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.21 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

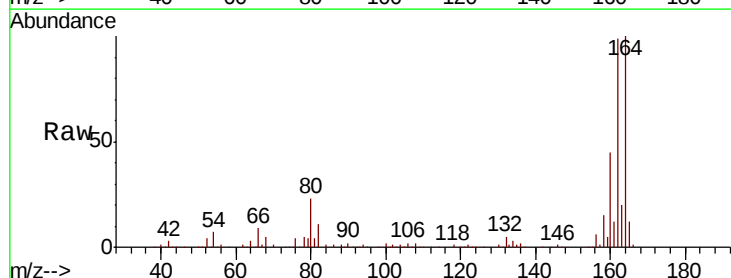
Tgt Ion:165 Resp: 45798

Ion Ratio Lower Upper

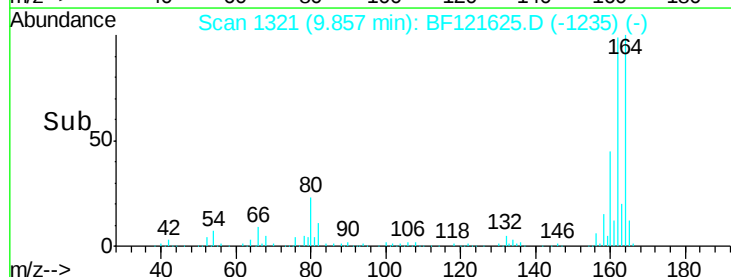
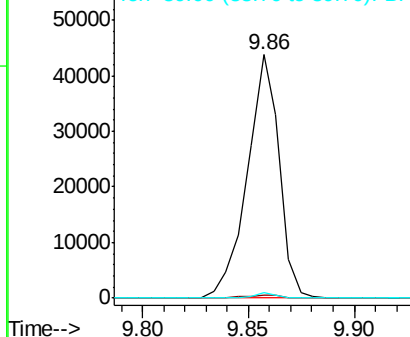
165 100

63 1.2 47.6 71.4#

89 2.0 46.0 69.0#



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

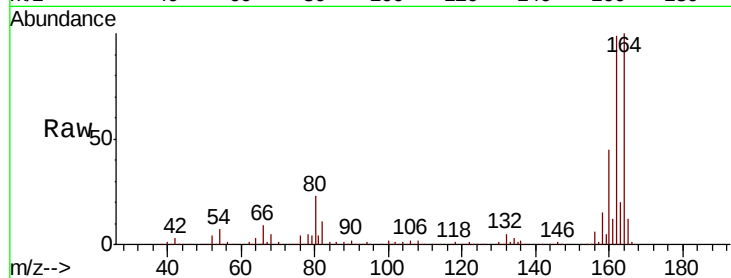




#57
 2,4-Dinitrotoluene
 Concen: 6.540 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121625.D
 Acq: 21 Sep 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131730TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	2.0	57.7	86.5#
182	0.0	2.1	3.1#

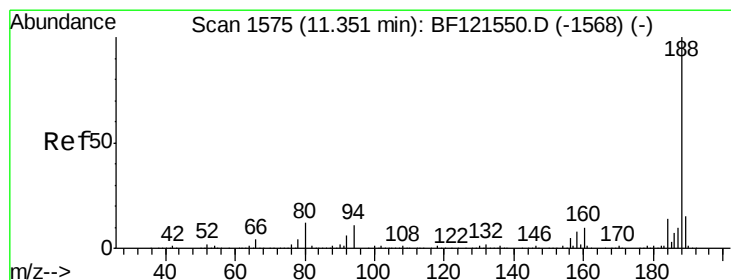
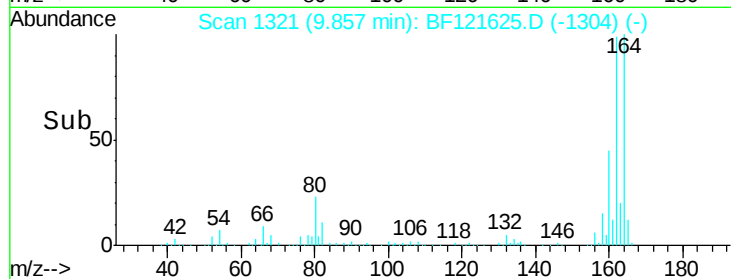
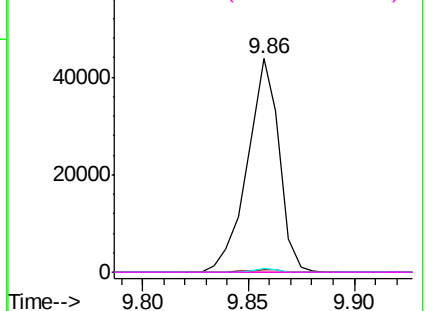


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

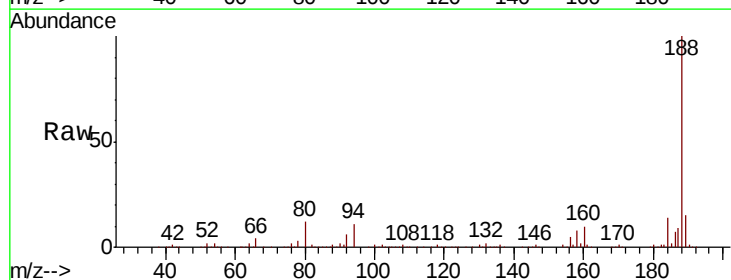
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF121625.D
 Acq: 21 Sep 2020 14:20

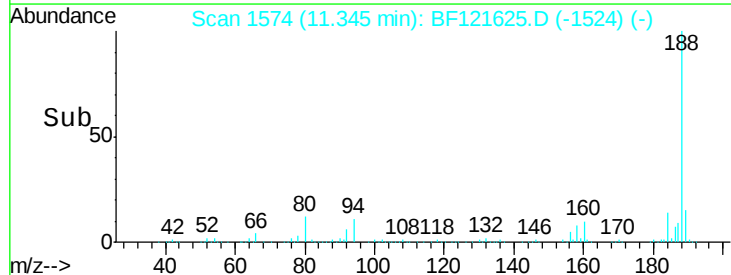
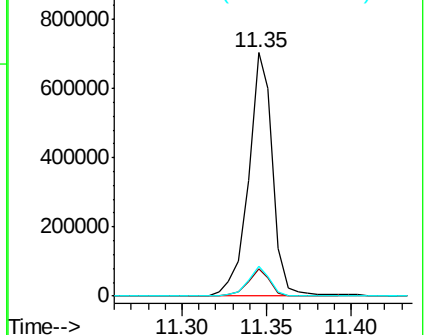
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.4	12.6
80	12.2	9.0	13.4

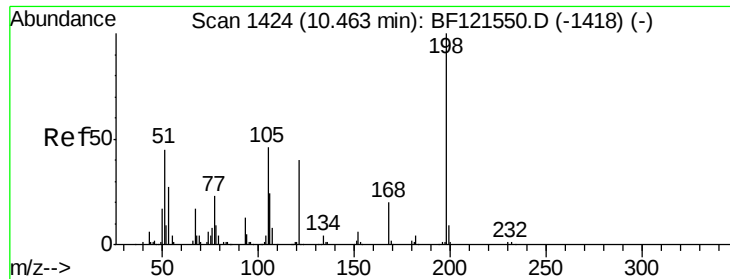


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

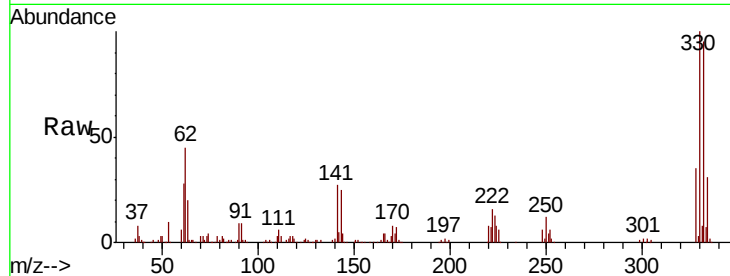




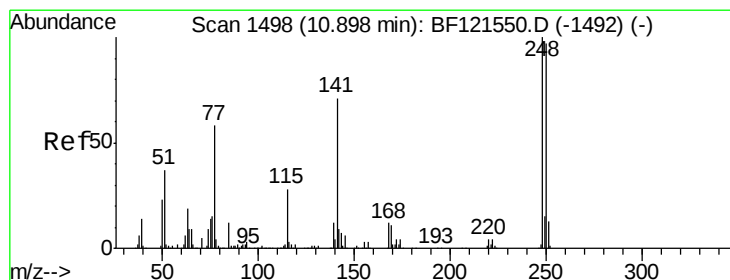
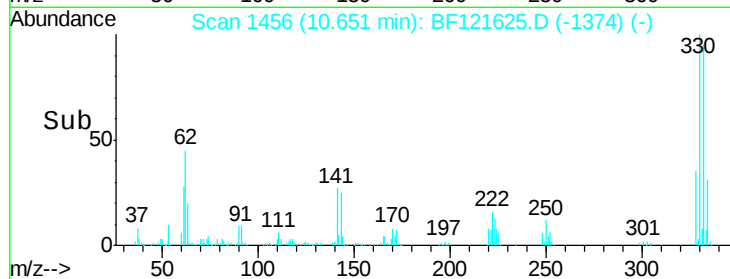
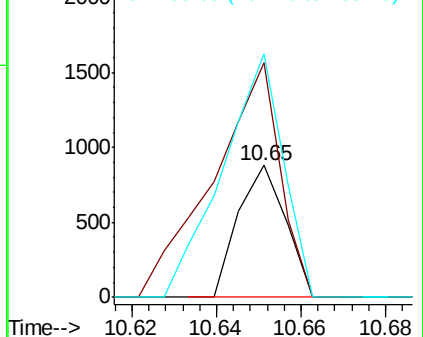
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.988 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.18 min
 Lab File: BF121625.D
 Acq: 21 Sep 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131730TB

Tot Ion:198 Resp: 682
 Ion Ratio Lower Upper
 198 100
 51 177.9 20.3 60.3#
 105 184.9 20.2 60.2#

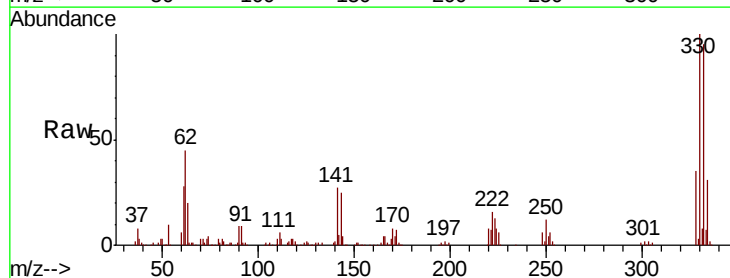


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

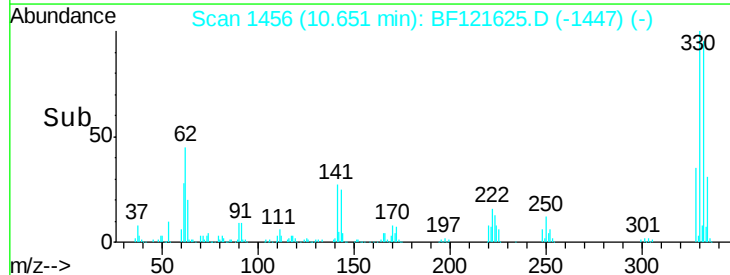
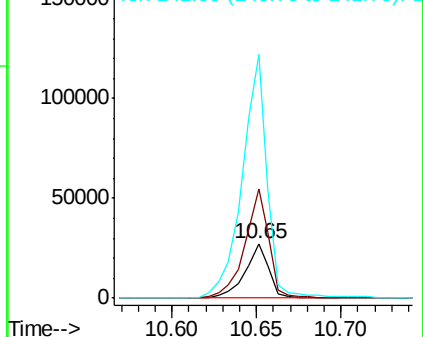


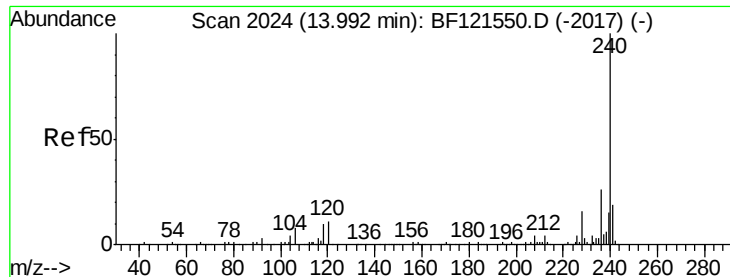
#67
 4-Bromophenyl-phenylether
 Concen: 3.335 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.25 min
 Lab File: BF121625.D
 Acq: 21 Sep 2020 14:20

Tgt Ion:248 Resp: 26633
 Ion Ratio Lower Upper
 248 100
 250 200.6 79.4 119.0#
 141 447.7 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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

BNA_F

ClientSampleId :

PB131730TB

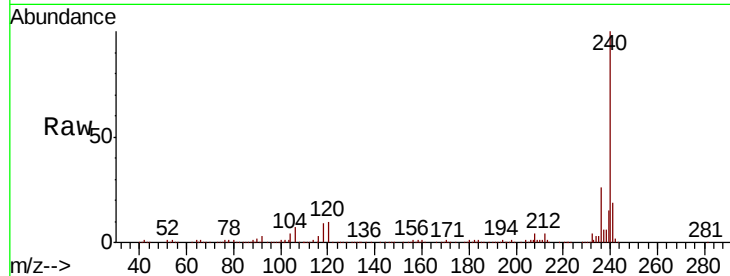
Tot Ion:240 Resp: 645619

Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

236 25.9 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

800000

600000

400000

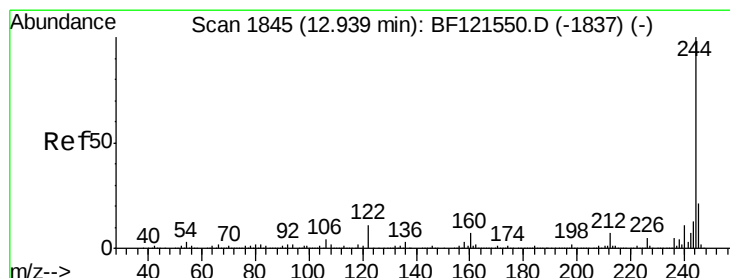
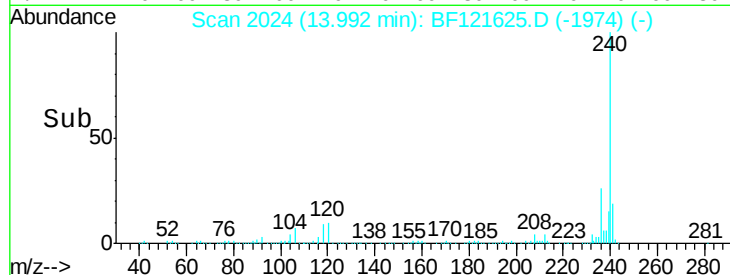
200000

0

13.99

13.90 14.00 14.10

Time-->



#79

Terphenyl-d14

Concen: 61.483 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

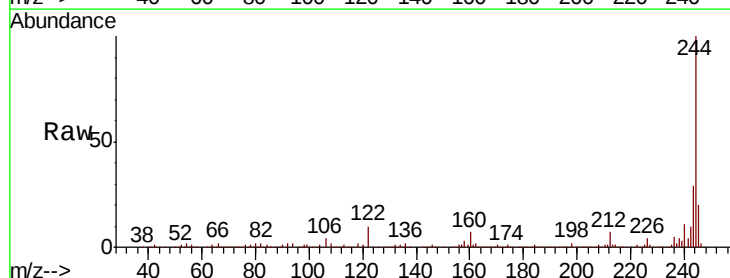
Tgt Ion:244 Resp: 1959347

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.5 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

2000000

1500000

1000000

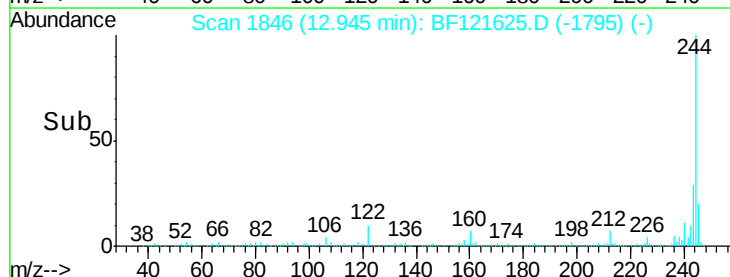
500000

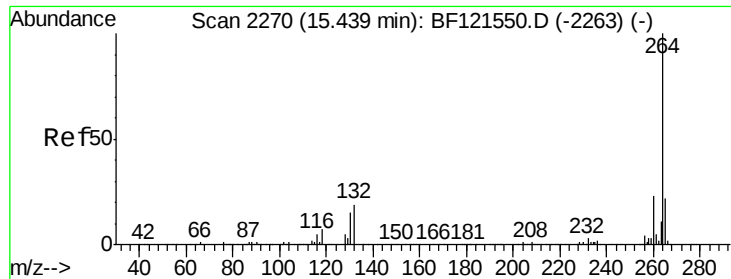
0

12.95

12.90 13.00

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Instrument :
BNA_F
ClientSampleId :
PB131730TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.4	17.3	25.9

