

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121626.D
 Acq On : 21 Sep 2020 14:51
 Operator : JU/CG
 Sample : PB131752BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BL

Quant Time: Sep 21 15:22:55 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

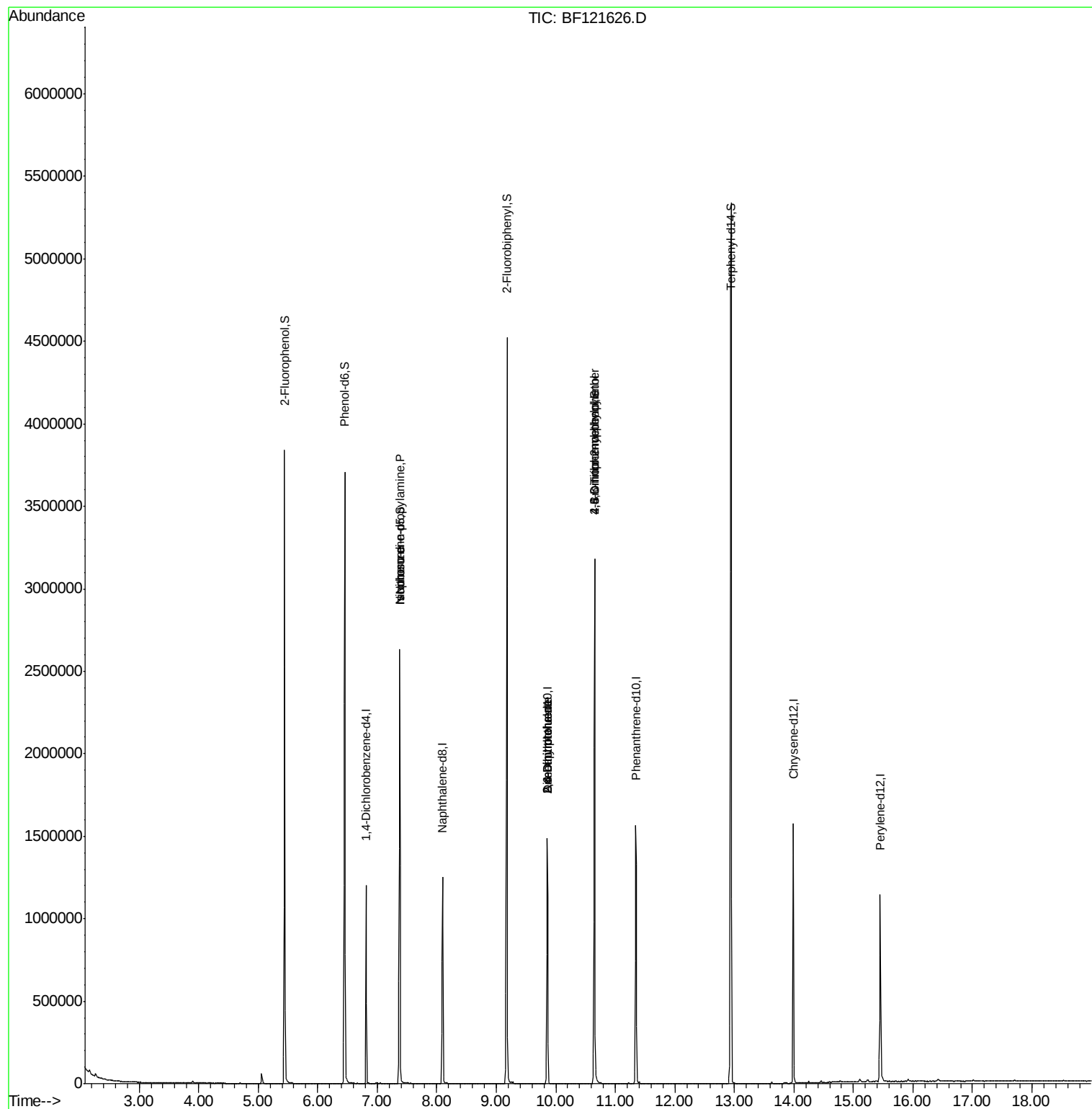
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161593	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	640234	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	330759	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	636519	20.00	ng	0.00
76) Chrysene-d12	13.99	240	574750	20.00	ng	0.00
86) Perylene-d12	15.45	264	539009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1145257	105.33	ng	0.01
7) Phenol-d6	6.46	99	1457967	102.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	1013784	85.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	481494	117.13	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1784976	81.73	ng	0.00
79) Terphenyl-d14	12.95	244	1969323	69.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	135550	16.487	ng	# 79
25) Isophorone	7.38	82	1004075	41.830	ng	# 67
50) Dimethylphthalate	9.86	163	66928	2.792	ng	# 1
51) 2,6-Dinitrotoluene	9.86	165	42012	8.229	ng	# 24
57) 2,4-Dinitrotoluene	9.86	165	42012	6.541	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.65	198	837	7.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	27427	3.785	ng	# 1

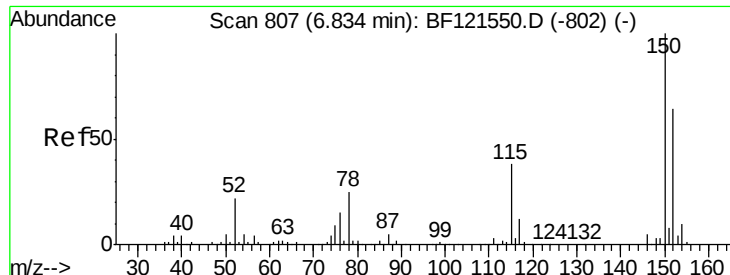
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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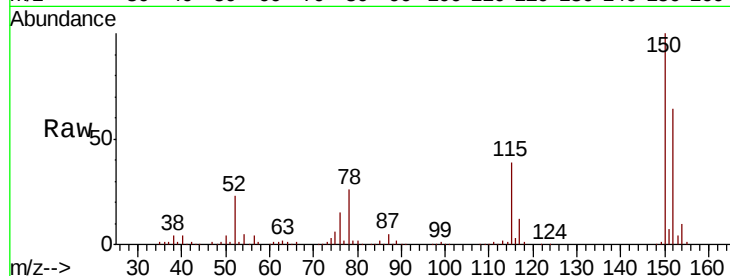


#1

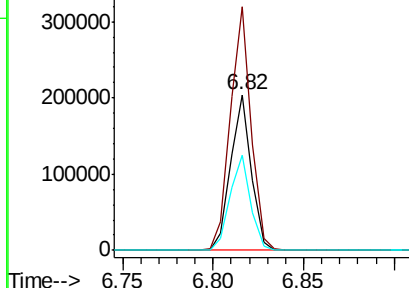
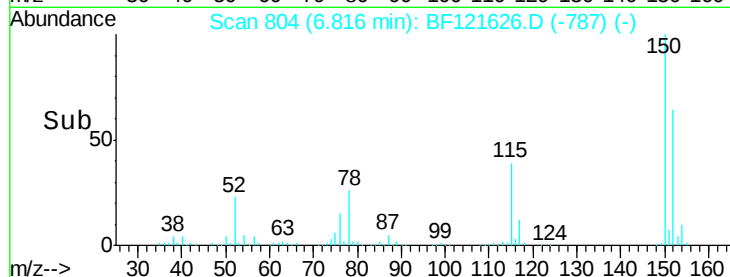
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Instrument :
BNA_F
ClientSampleId :
PB131752BL

Tot Ion:152 Resp: 161593
Ion Ratio Lower Upper
152 100
150 156.8 128.1 192.1
115 61.4 52.6 79.0



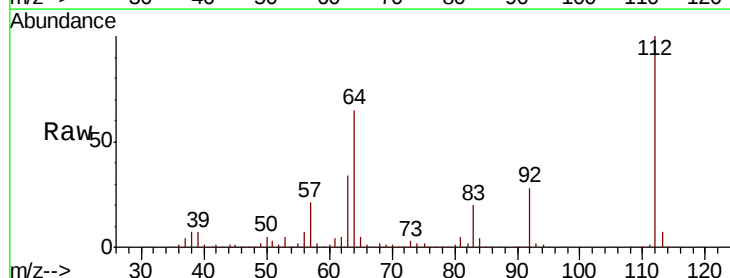
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



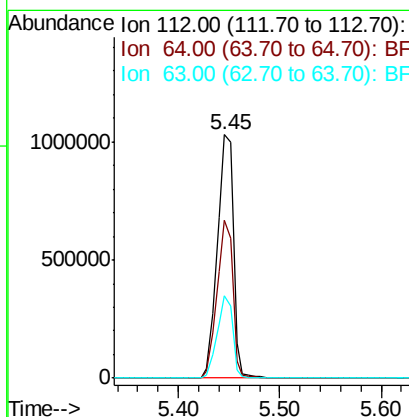
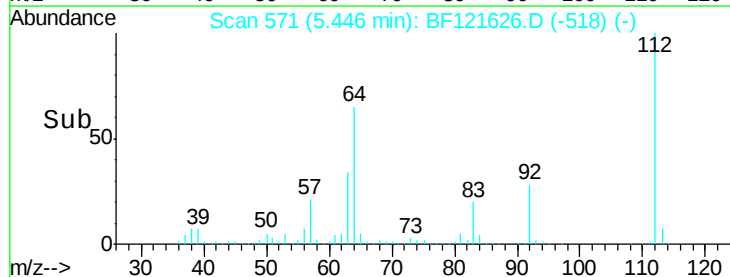
#5

2-Fluorophenol
Concen: 105.326 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Tgt Ion:112 Resp: 1145257
Ion Ratio Lower Upper
112 100
64 65.1 52.2 78.2
63 34.0 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: 102.204 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

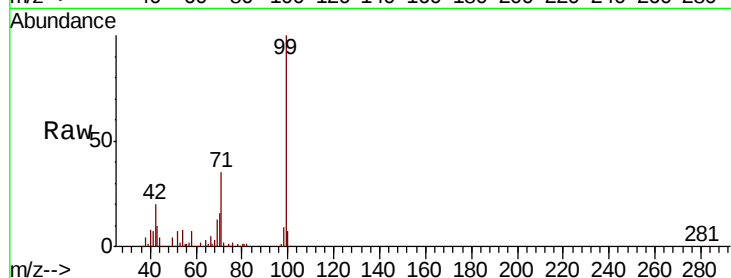
BNA_F

ClientSampleId :

PB131752BL

Tot Ion: 99 Resp: 1457967

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.5	23.3
71	35.1	27.4	41.2

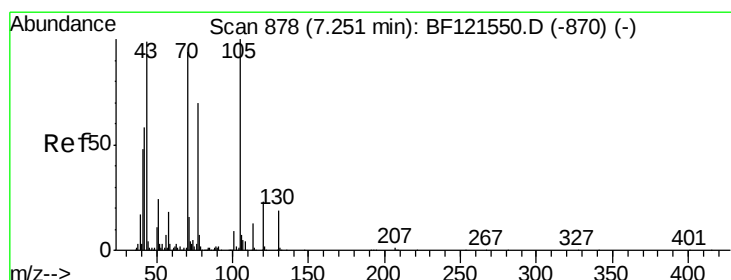
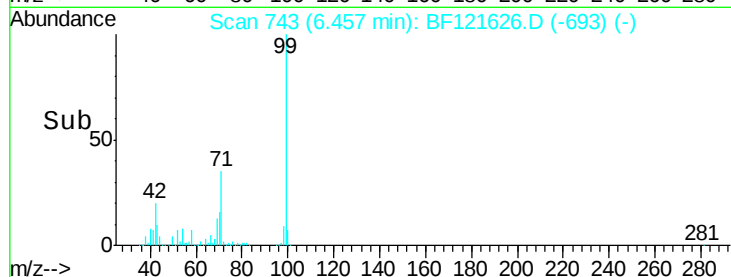
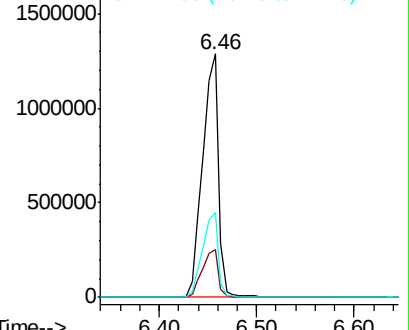


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.487 ng

RT: 7.38 min Scan# 900

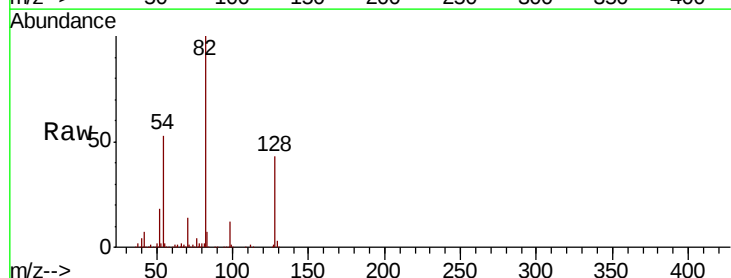
Delta R.T. 0.14 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Tgt Ion: 70 Resp: 135550

Ion	Ratio	Lower	Upper
70	100		
42	50.0	48.3	72.5
101	0.0	7.6	11.4#
130	2.1	15.9	23.9#



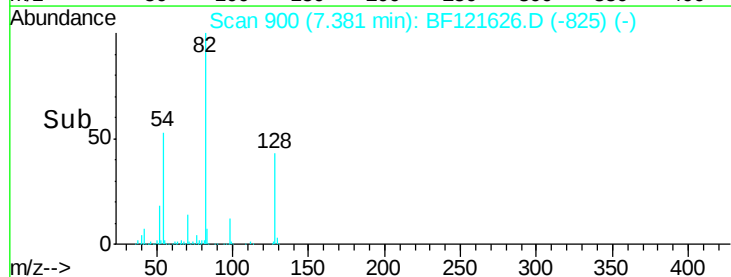
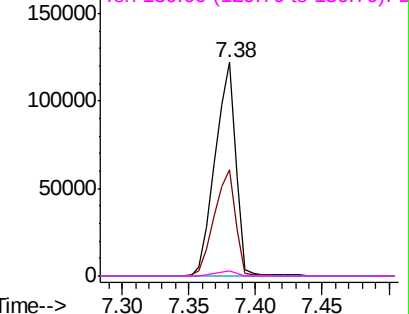
Abundance

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

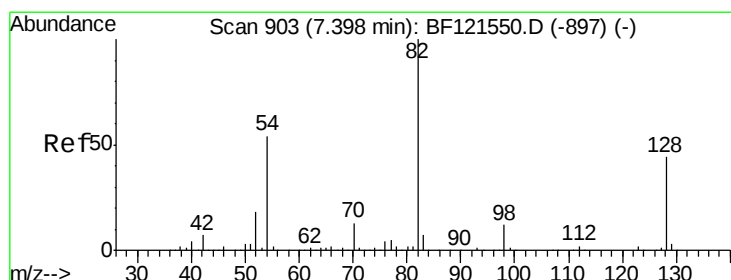
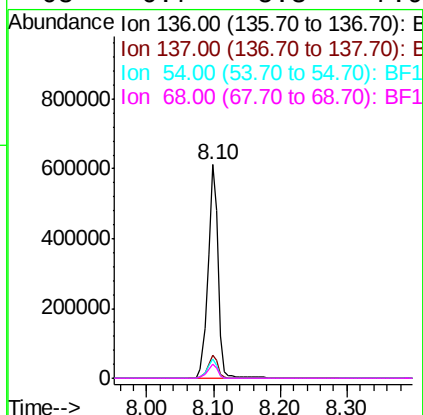
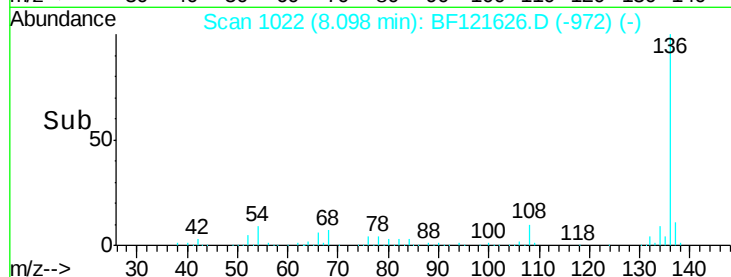
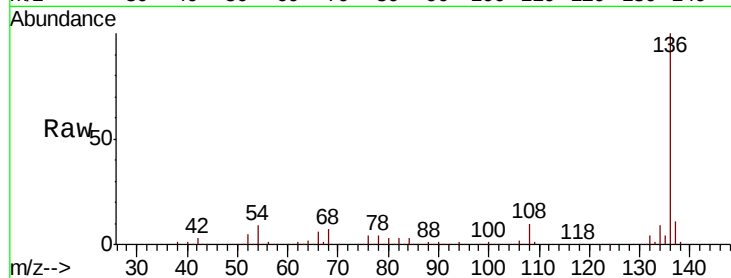




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

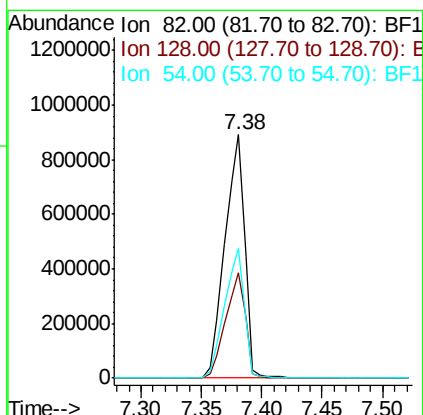
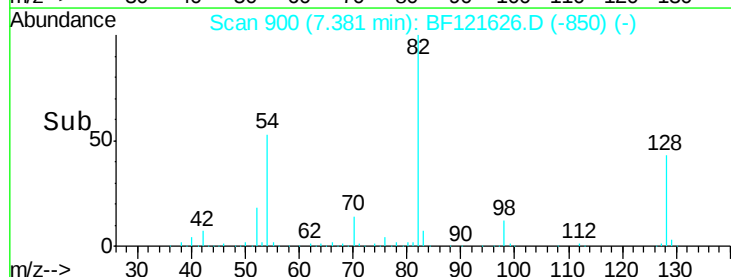
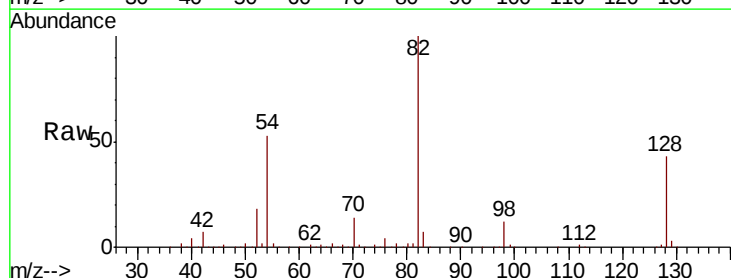
Instrument :
BNA_F
ClientSampleId :
PB131752BL

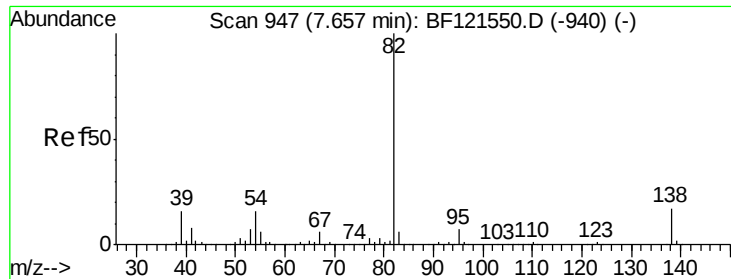
Tot Ion:136	Resp:	640234	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 9.0	7.4	11.0	
68 6.7	5.3	7.9	



#23
Nitrobenzene-d5
Concen: 85.019 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Tgt Ion: 82	Resp: 1013784
Ion Ratio	Lower Upper
82 100	
128 43.4	33.9 50.9
54 53.4	42.9 64.3





#25

Isophorone

Concen: 41.830 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

BNA_F

ClientSampleId :

PB131752BL

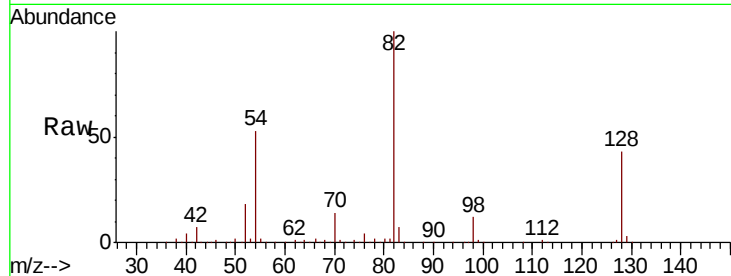
Tot Ion: 82 Resp: 1004075

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

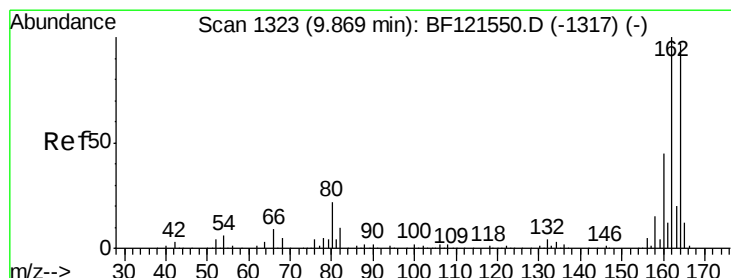
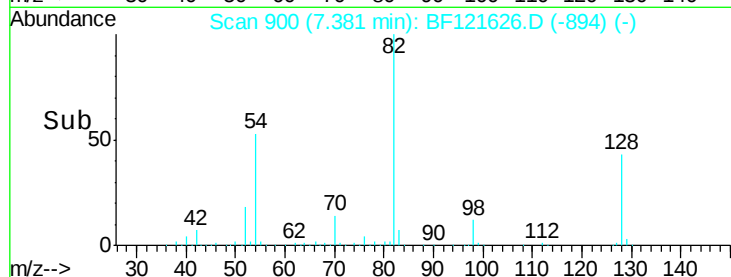
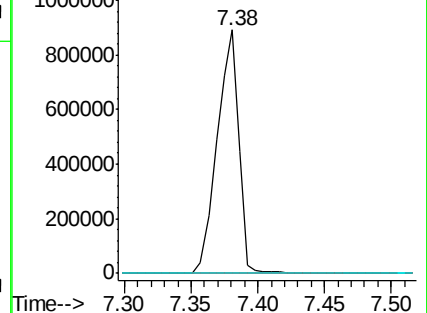
138 0.0 13.2 19.8#



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: BF121626.D

Acq: 21 Sep 2020 14:51

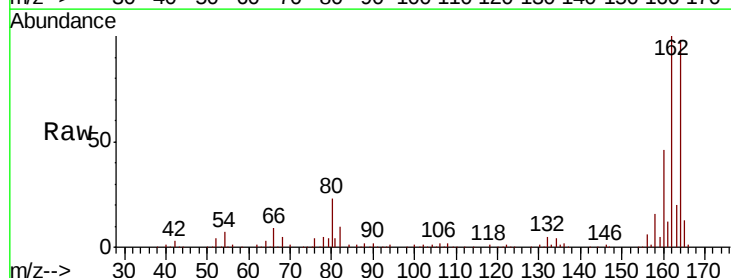
Tgt Ion: 164 Resp: 330759

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

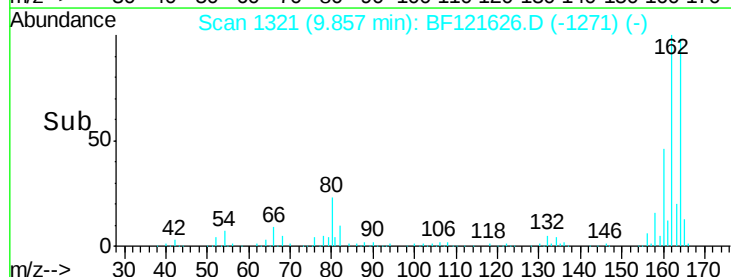
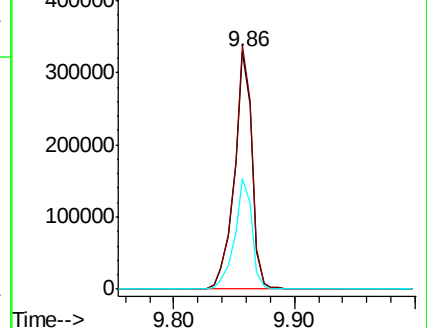
160 46.6 36.2 54.4

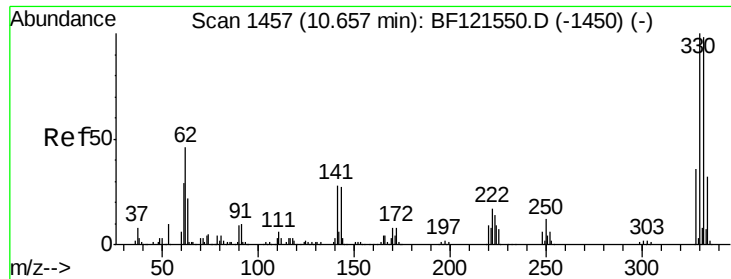


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

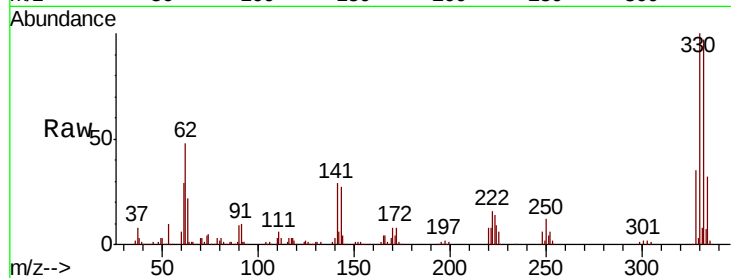




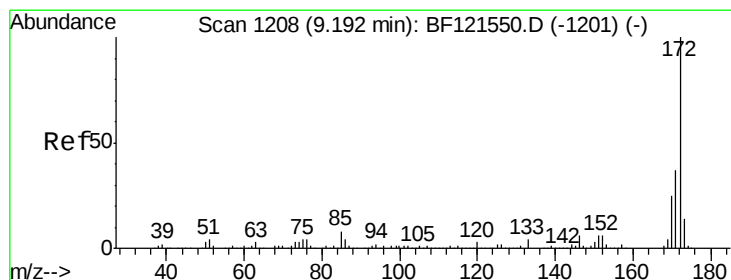
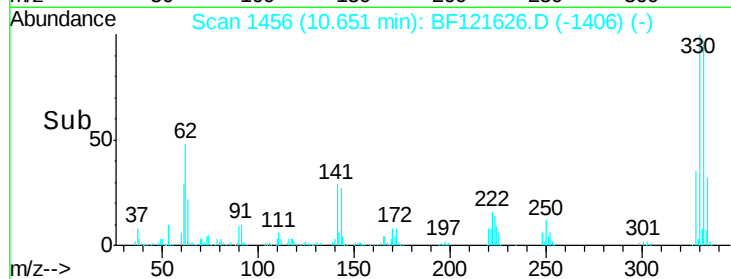
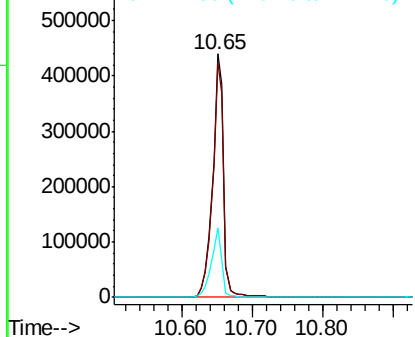
#42
 2,4,6-Tribromophenol
 Concen: 117.126 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121626.D
 Acq: 21 Sep 2020 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	27.4	22.4	33.6

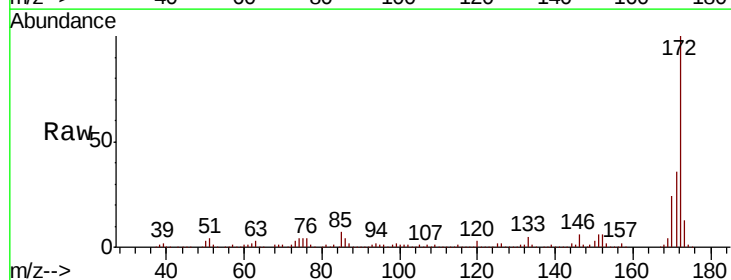


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

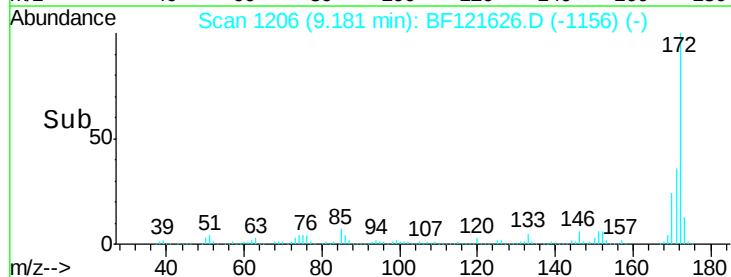
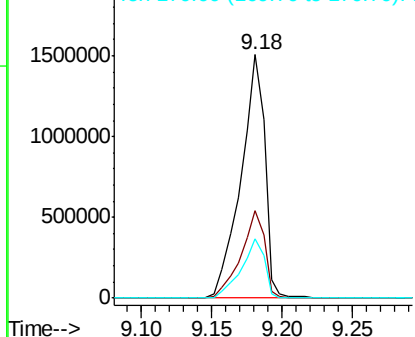


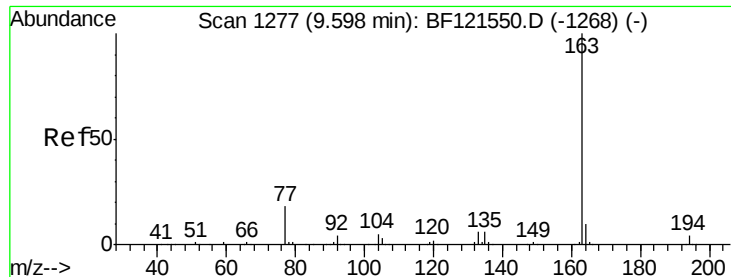
#45
 2-Fluorobiphenyl
 Concen: 81.733 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121626.D
 Acq: 21 Sep 2020 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.1	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

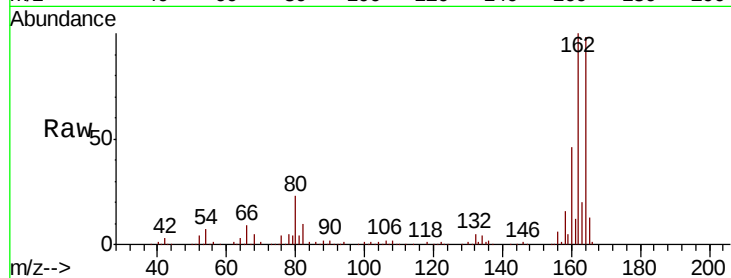




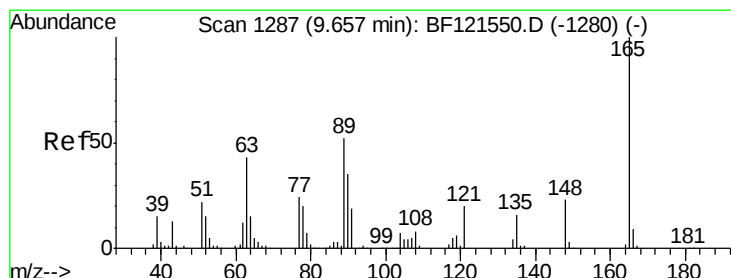
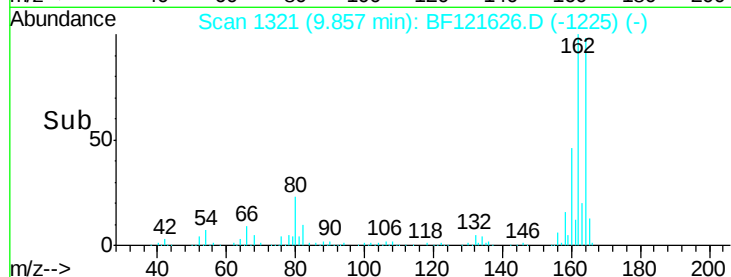
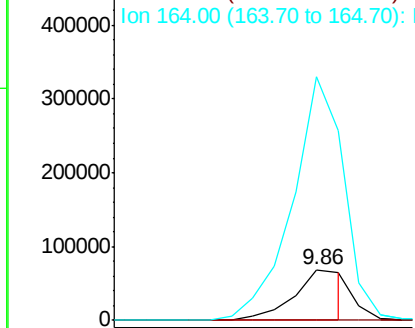
#50
Dimethylphthalate
Concen: 2.792 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.26 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Instrument :
BNA_F
ClientSampleId :
PB131752BL

Tot Ion:163 Resp: 66928
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 483.6 8.0 12.0#

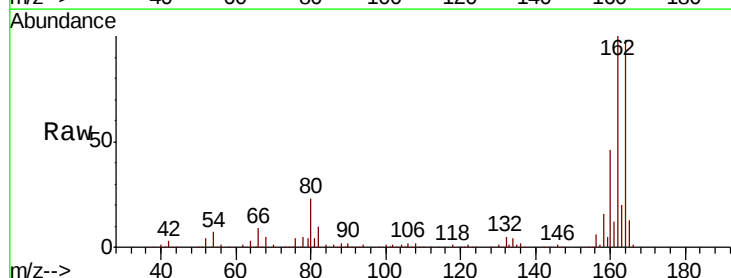


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

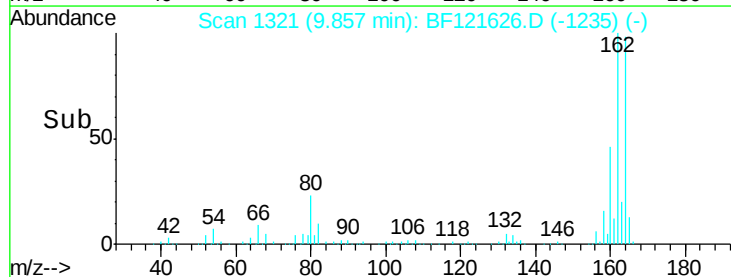
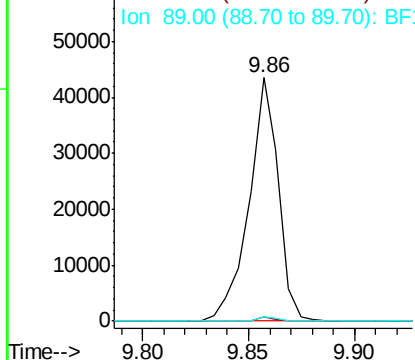


#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.21 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Tgt Ion:165 Resp: 42012
Ion Ratio Lower Upper
165 100
63 1.9 47.6 71.4#
89 1.5 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

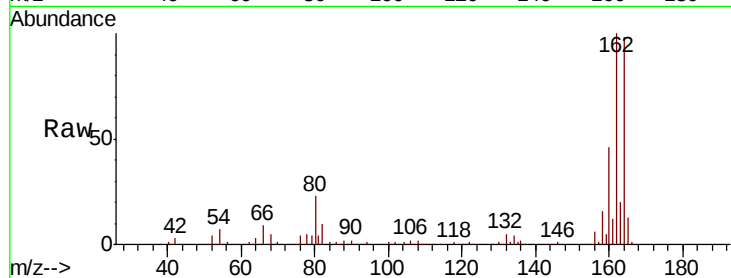




#57
 2,4-Dinitrotoluene
 Concen: 6.541 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121626.D
 Acq: 21 Sep 2020 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.7	55.1#
89	1.5	57.7	86.5#
182	0.0	2.1	3.1#

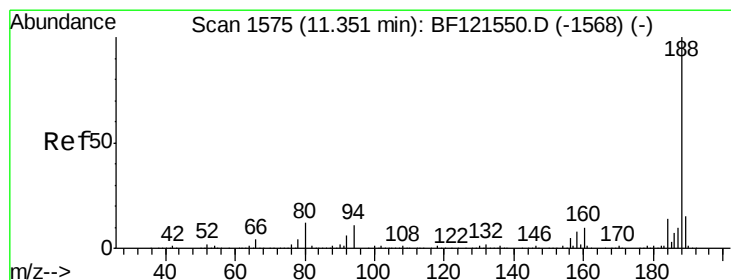
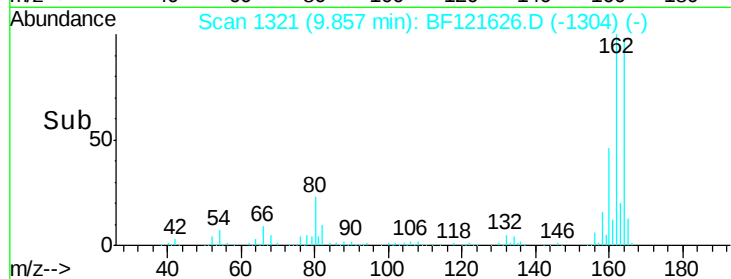
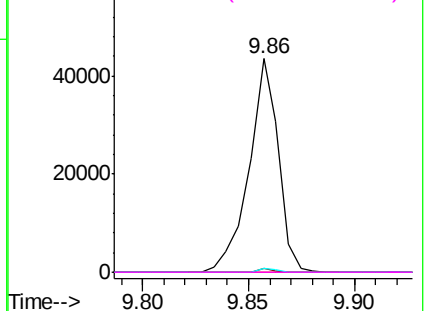


Abundance Ion 165.00 (164.70 to 165.70): E

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



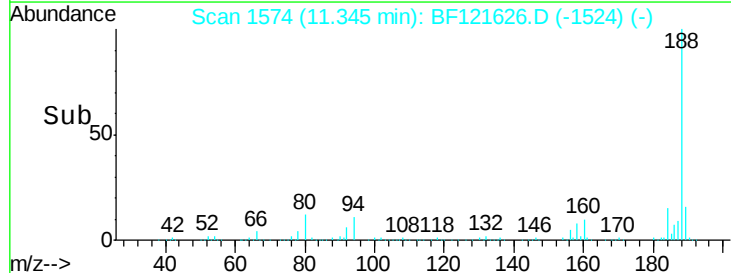
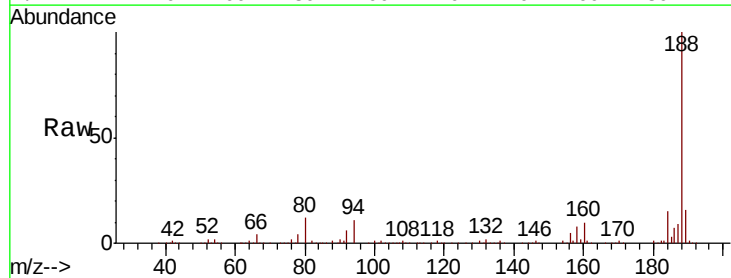
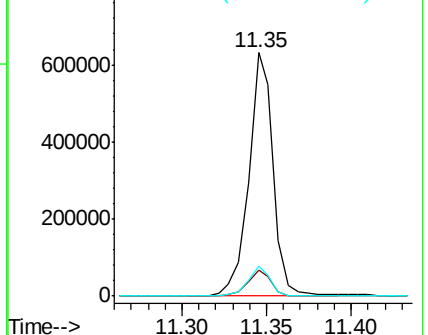
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF121626.D
 Acq: 21 Sep 2020 14:51

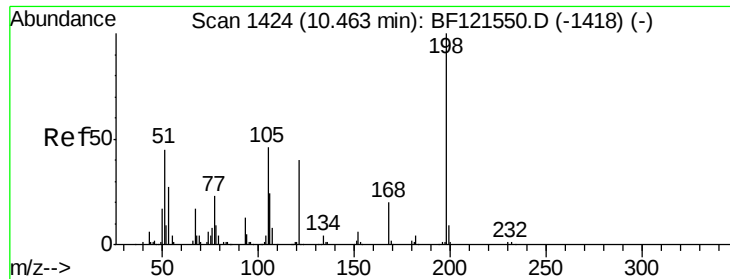
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	12.1	9.0	13.4

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: 7.036 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.18 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

BNA_F

ClientSampleId :

PB131752BL

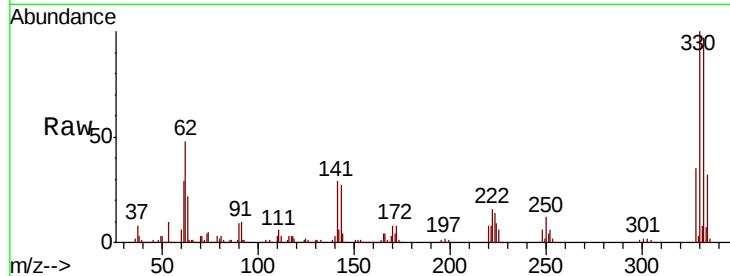
Tot Ion:198 Resp: 837

Ion Ratio Lower Upper

198 100

51 207.6 20.3 60.3#

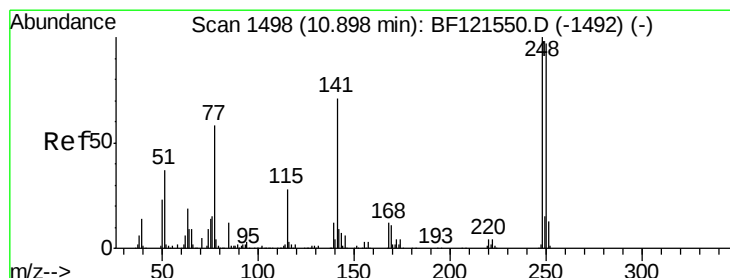
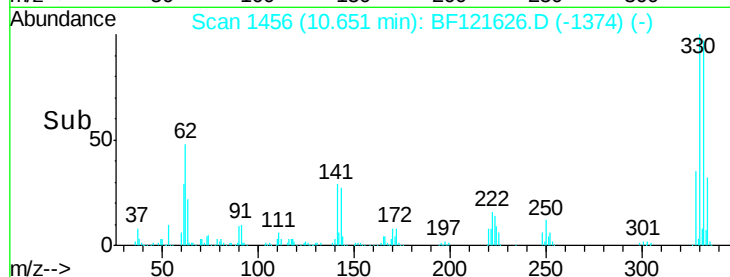
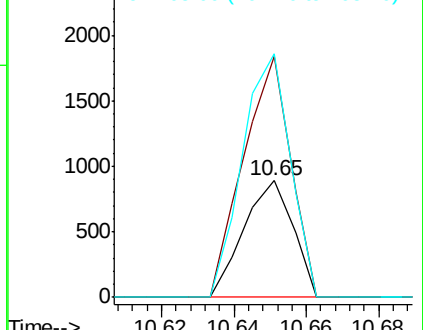
105 209.5 20.2 60.2#



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: 3.785 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.25 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

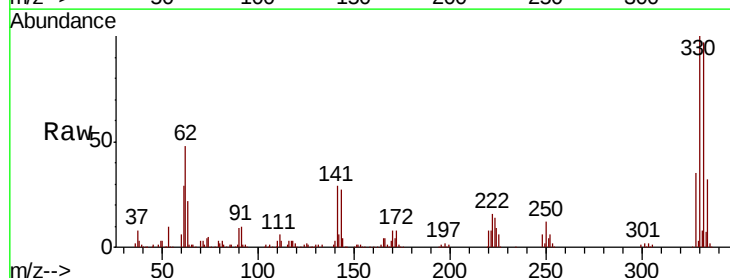
Tgt Ion:248 Resp: 27427

Ion Ratio Lower Upper

248 100

250 197.1 79.4 119.0#

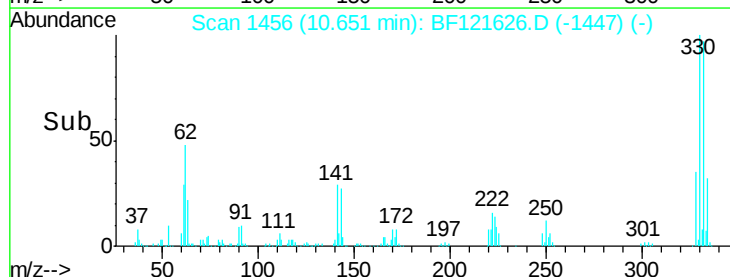
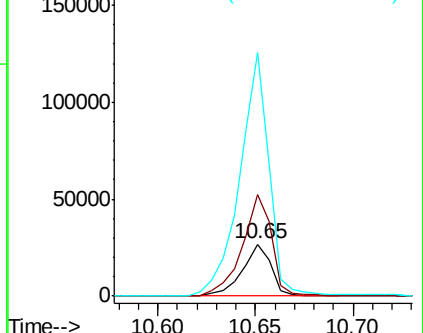
141 470.2 52.2 78.4#

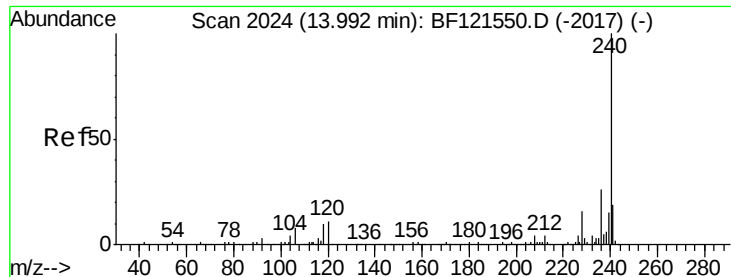


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF121626.D

Acq: 21 Sep 2020 14:51

Instrument :

BNA_F

ClientSampleId :

PB131752BL

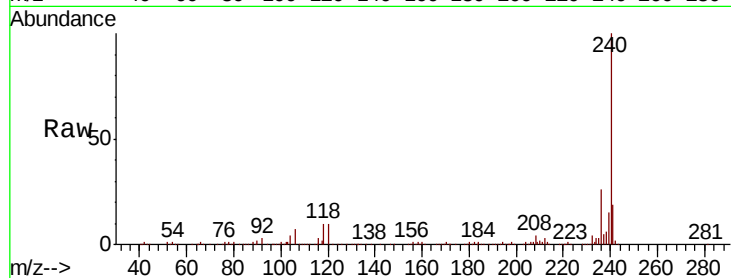
Tot Ion:240 Resp: 574750

Ion Ratio Lower Upper

240 100

120 10.4 9.2 13.8

236 25.8 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

600000

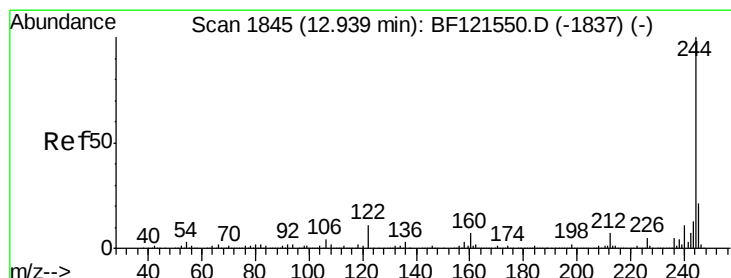
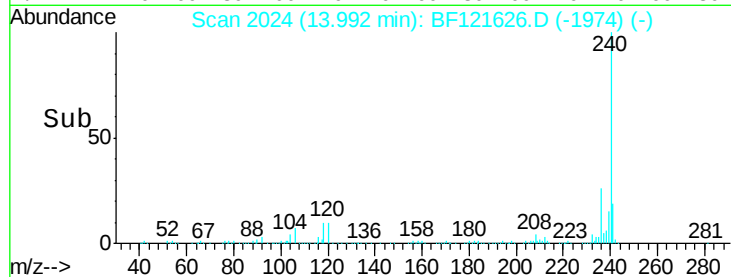
13.99

400000

200000

0

Time--> 13.90 14.00 14.10



#79

Terphenyl-d14

Concen: 69.416 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF121626.D

Acq: 21 Sep 2020 14:51

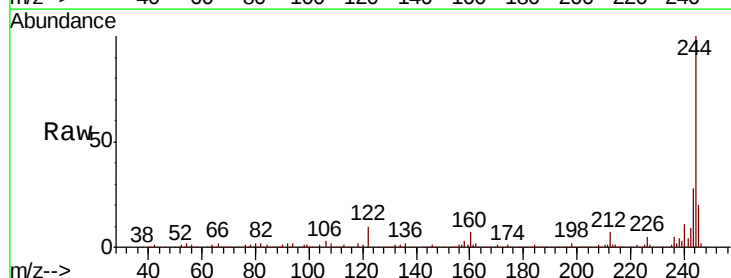
Tgt Ion:244 Resp: 1969323

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 9.7 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

2500000

12.95

2000000

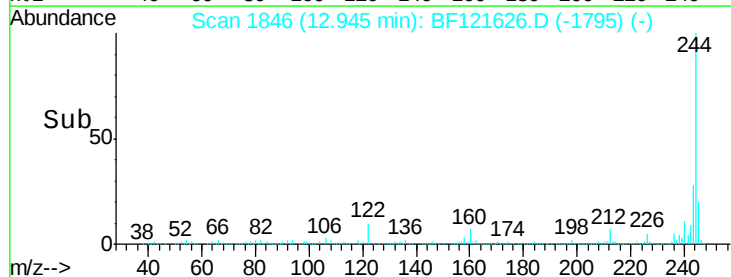
1500000

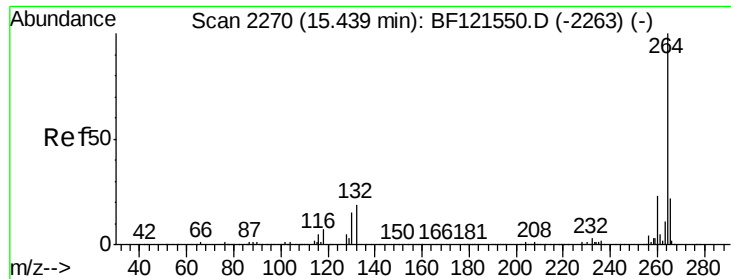
1000000

500000

0

Time--> 12.90 13.00 13.10





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF121626.D
Acq: 21 Sep 2020 14:51

Instrument :
BNA_F
ClientSampleId :
PB131752BL

Tot Ion: 264 Resp: 539009

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.4	17.3	25.9

