

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121610.D
 Acq On : 18 Sep 2020 11:13
 Operator : JU/CG
 Sample : PB131684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Quant Time: Sep 18 11:37:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

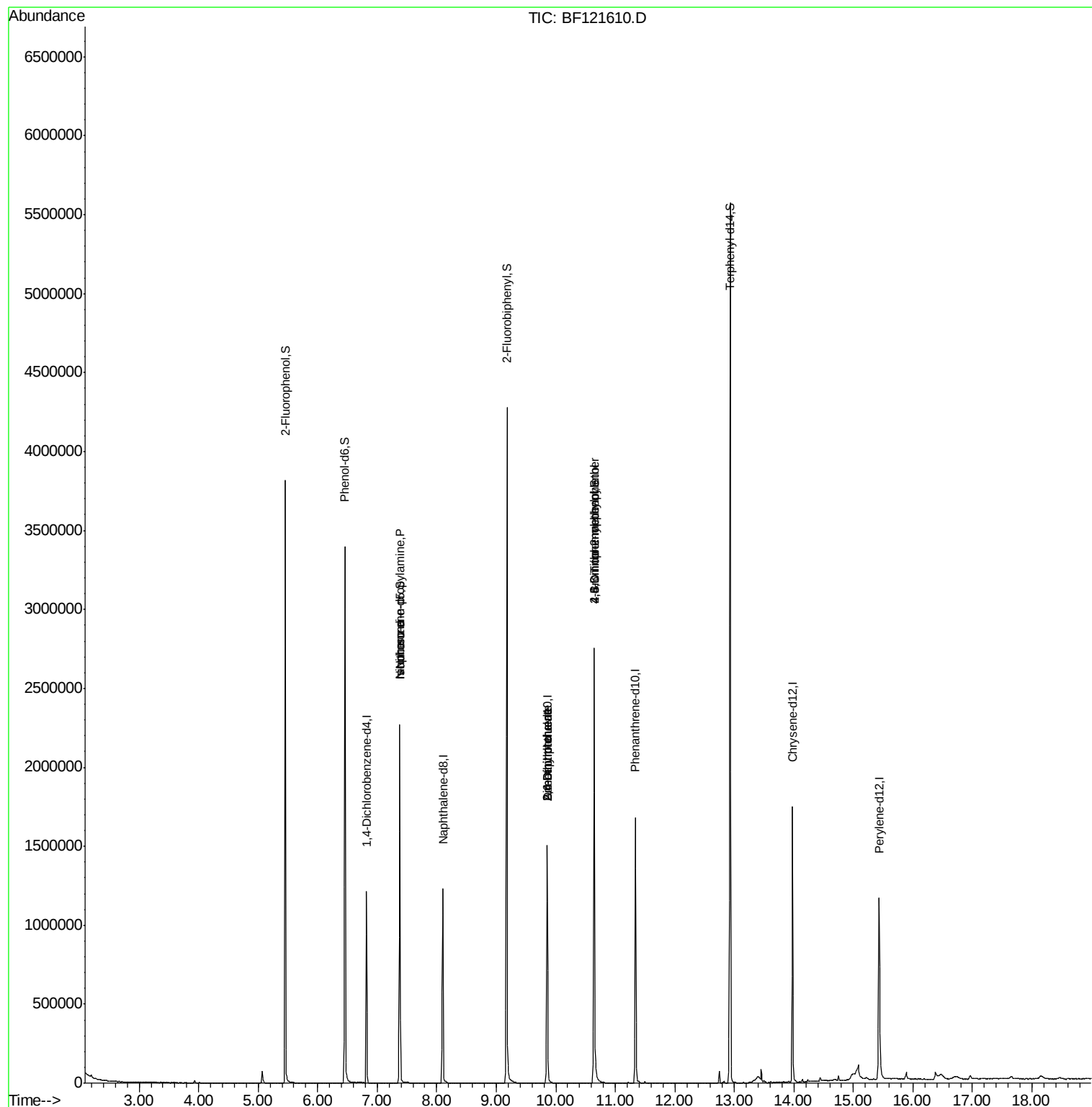
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171062	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	671461	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	359676	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	708106	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	655148	20.00	ng	-0.01
86) Perylene-d12	15.43	264	613785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1064002	92.44	ng	0.01
7) Phenol-d6	6.46	99	1375683	91.10	ng	0.00
23) Nitrobenzene-d5	7.38	82	949644	75.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	456463	102.11	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1738233	73.19	ng	-0.01
79) Terphenyl-d14	12.93	244	2015804	62.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	127304	14.627	ng	# 81
25) Isophorone	7.38	82	935032	37.142	ng	# 66
50) Dimethylphthalate	9.86	163	74443	2.856	ng	# 1
51) 2,6-Dinitrotoluene	9.86	165	45625	8.218	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	45625	6.532	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	687	6.988	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	26725	3.315	ng	# 1

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

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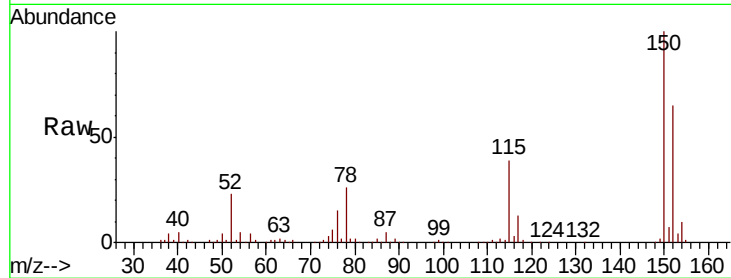


#1

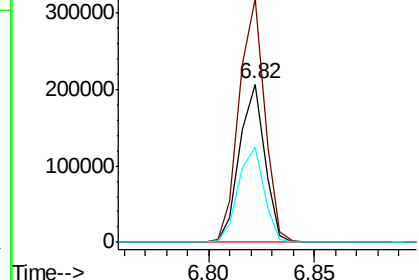
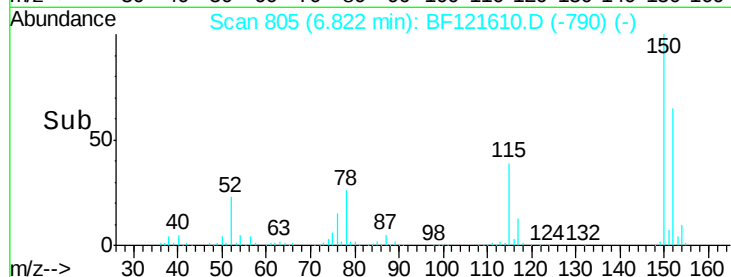
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Instrument :
BNA_F
ClientSampleId :
PB131684BL

Tot Ion:152 Resp: 171062
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 60.4 47.8 71.8



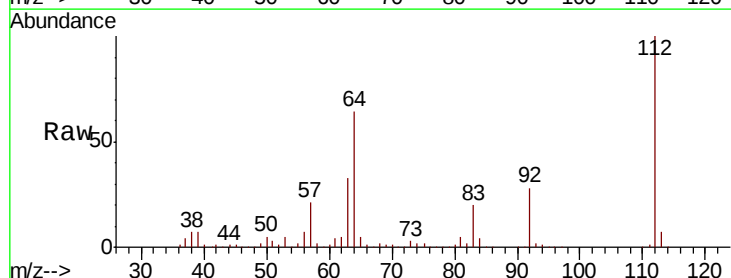
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



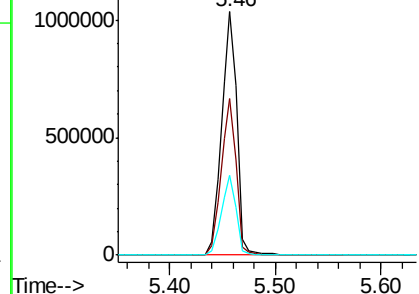
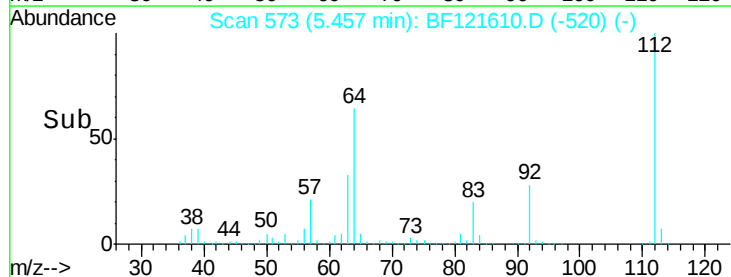
#5

2-Fluorophenol
Concen: 92.437 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Tgt Ion:112 Resp: 1064002
Ion Ratio Lower Upper
112 100
64 64.3 50.3 75.5
63 33.0 25.6 38.4



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: 91.097 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Instrument :

BNA_F

ClientSampleId :

PB131684BL

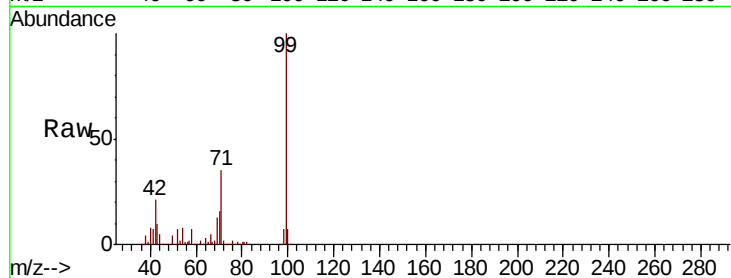
Tot Ion: 99 Resp: 1375683

Ion Ratio Lower Upper

99 100

42 20.5 15.5 23.3

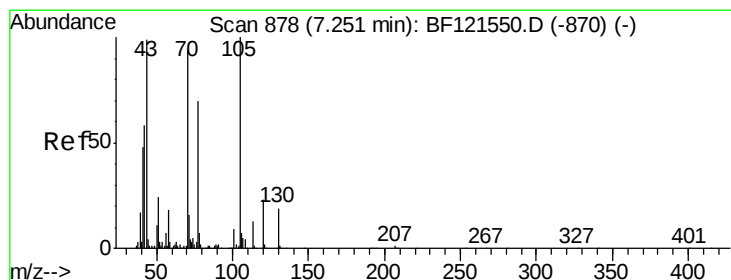
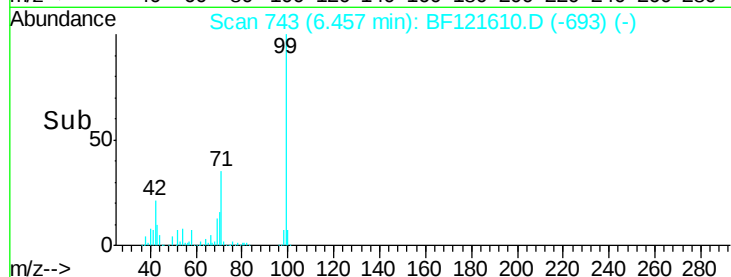
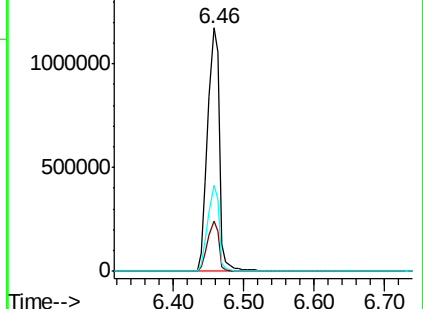
71 35.5 26.1 39.1



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: 14.627 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Tgt Ion: 70 Resp: 127304

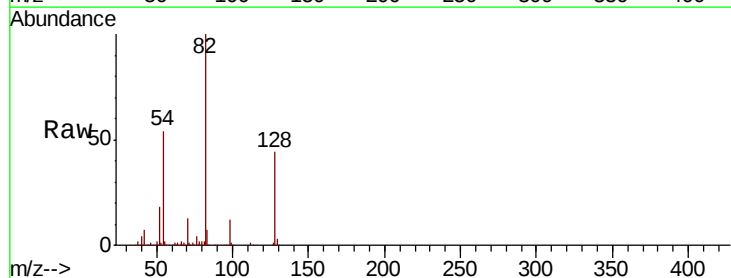
Ion Ratio Lower Upper

70 100

42 53.1 49.4 74.2

101 0.0 7.6 11.4#

130 2.5 16.2 24.4#

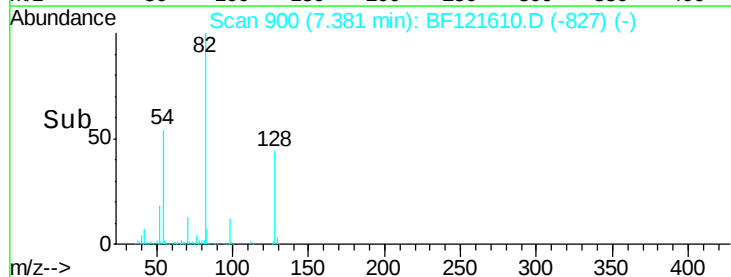
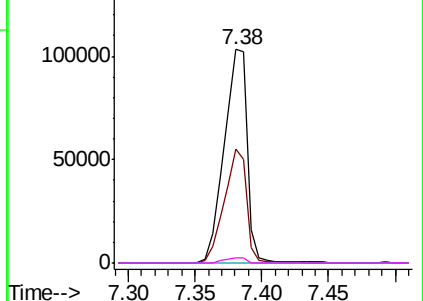


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

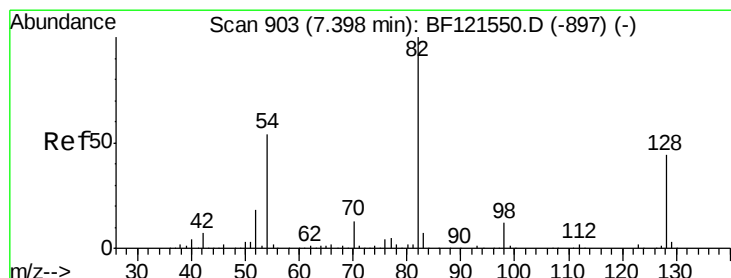
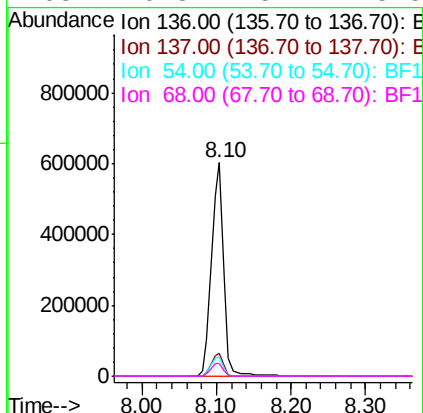
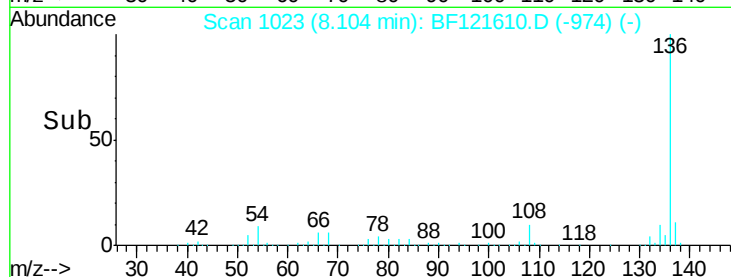
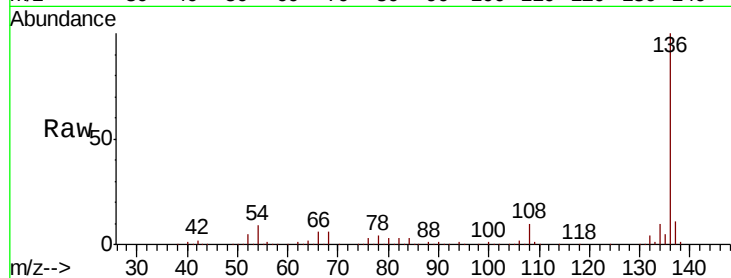




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

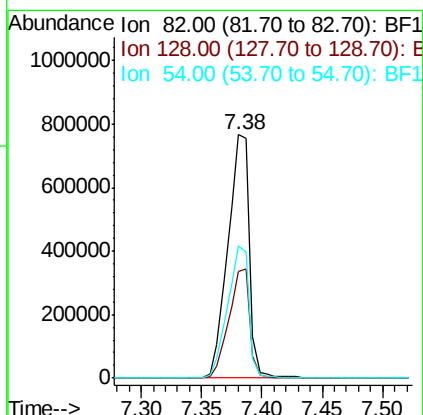
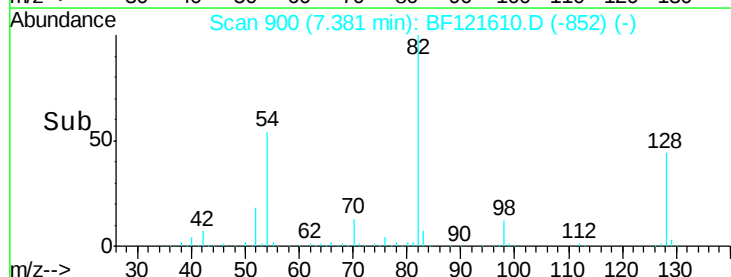
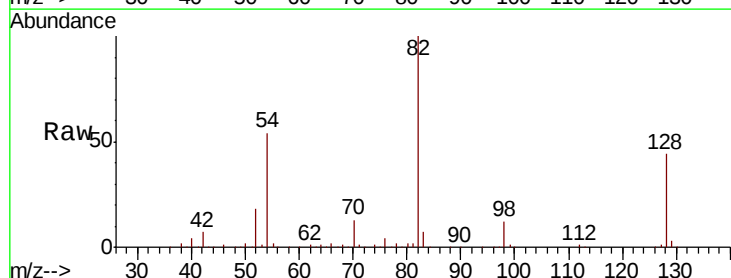
Instrument :
BNA_F
ClientSampleId :
PB131684BL

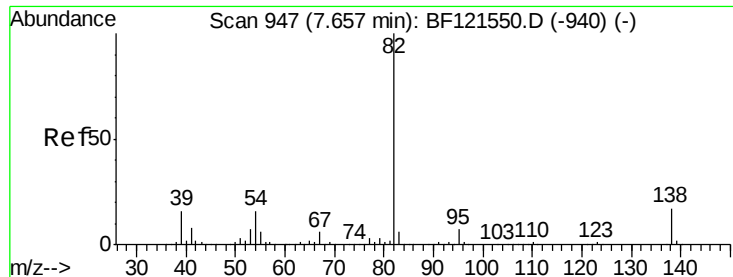
Tot Ion:	136	Resp:	671461
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.0	7.6	11.4
68	6.3	5.7	8.5



#23
Nitrobenzene-d5
Concen: 75.936 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Tgt Ion:	82	Resp:	949644
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.1	52.7
54	54.2	43.0	64.6





#25

Isophorone

Concen: 37.142 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Instrument :

BNA_F

ClientSampleId :

PB131684BL

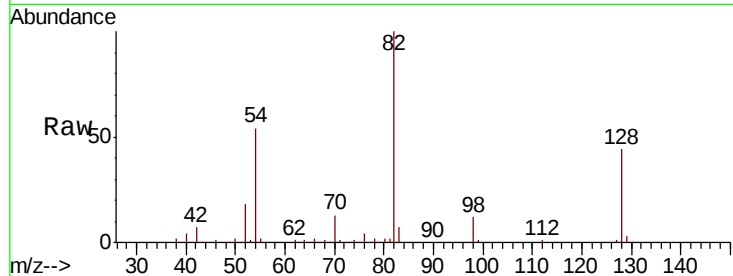
Tot Ion: 82 Resp: 935032

Ion Ratio Lower Upper

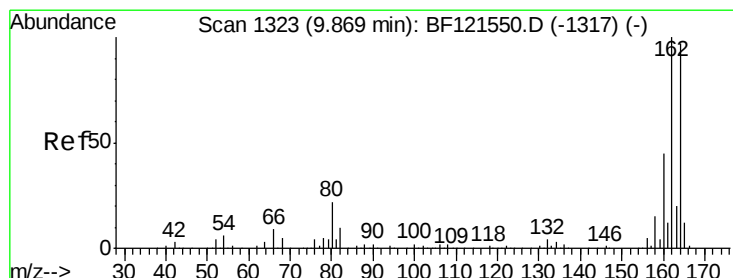
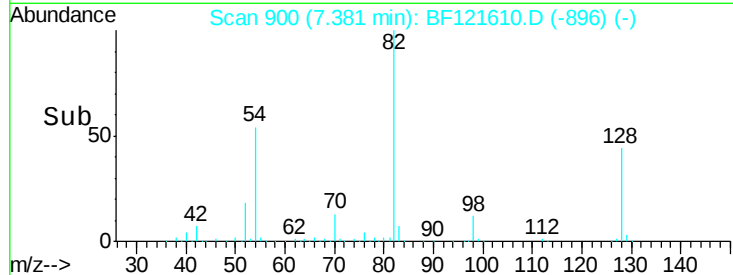
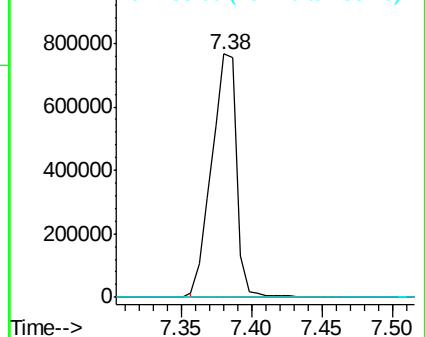
82 100

95 0.0 5.3 7.9#

138 0.0 13.7 20.5#



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: BF121610.D

Acq: 18 Sep 2020 11:13

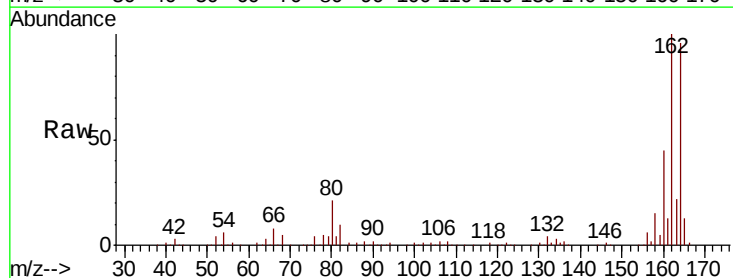
Tgt Ion: 164 Resp: 359676

Ion Ratio Lower Upper

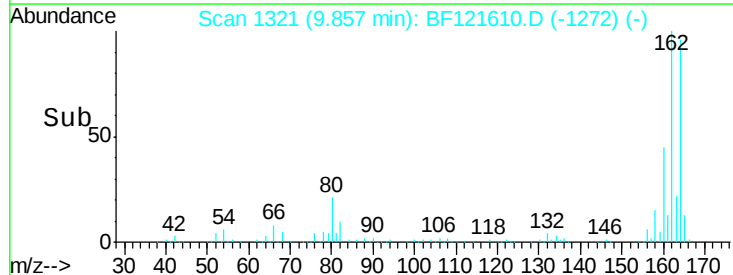
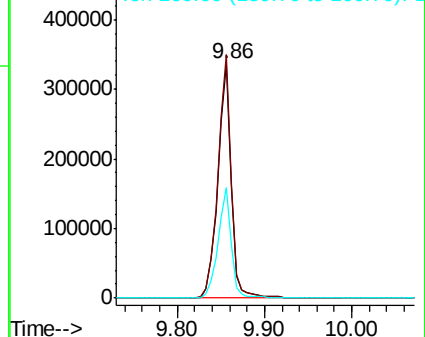
164 100

162 104.3 82.3 123.5

160 47.3 37.0 55.4



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

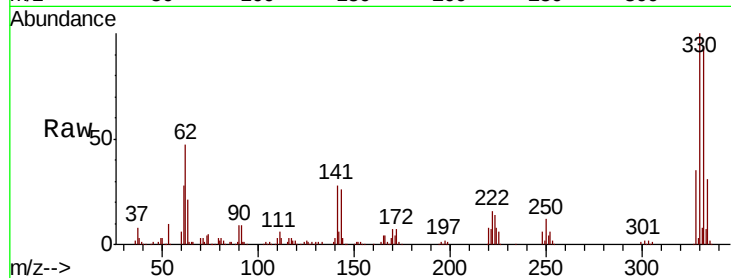




#42
 2,4,6-Tribromophenol
 Concen: 102.110 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	27.9	23.6	35.4

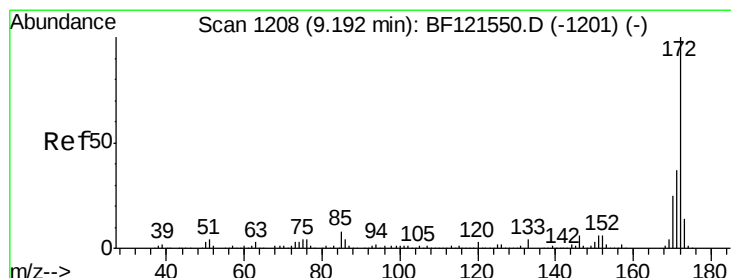
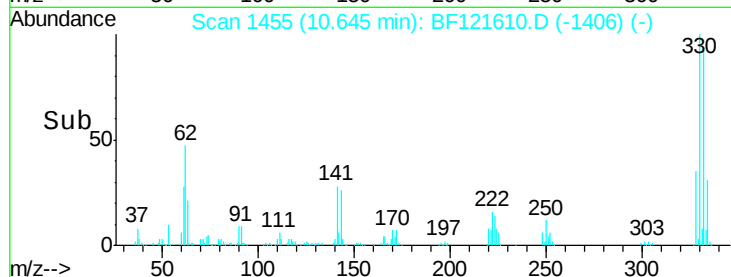
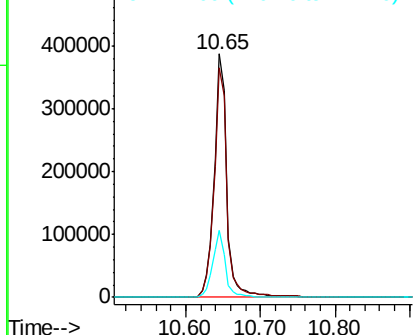


Abundance

Ion 329.80 (329.50 to 330.50): E

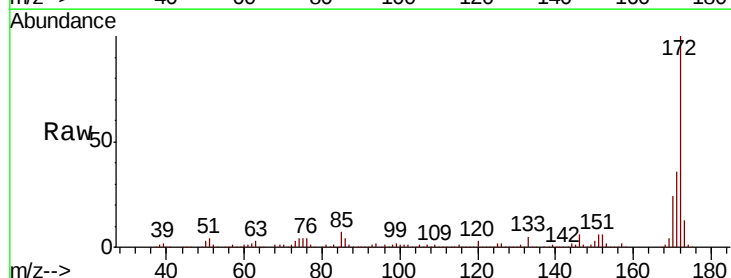
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.194 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.0	19.8	29.8

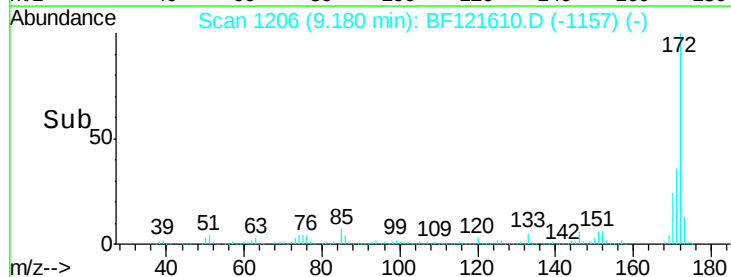
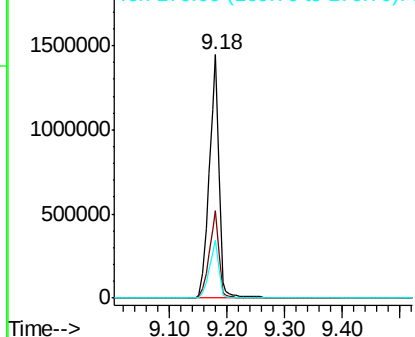


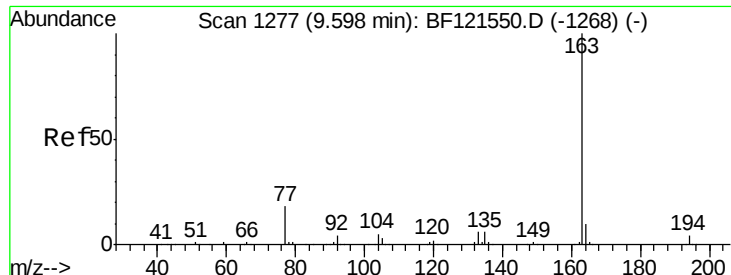
Abundance

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

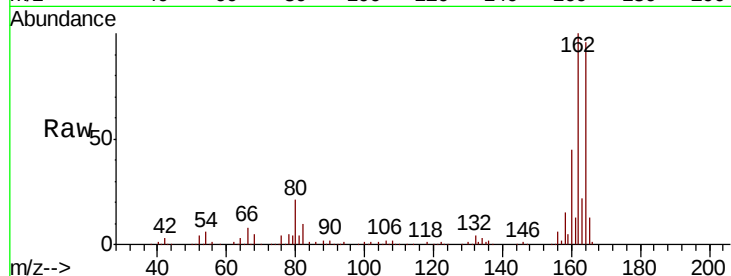




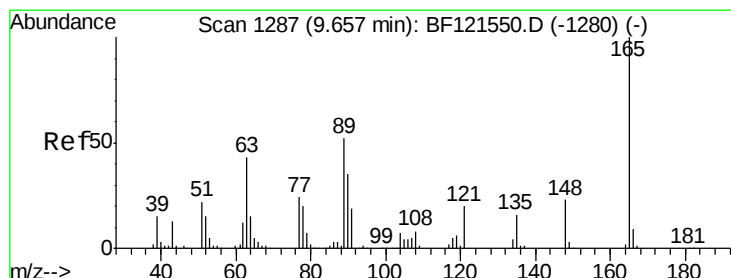
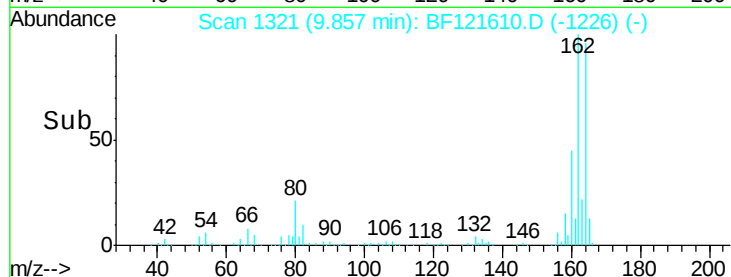
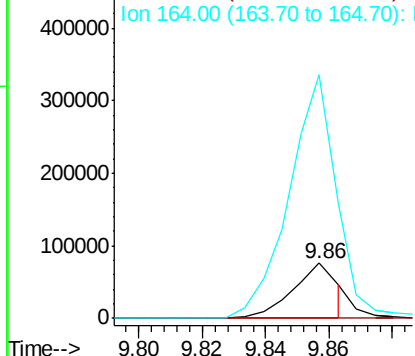
#50
Dimethylphthalate
Concen: 2.856 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.26 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Instrument :
BNA_F
ClientSampleId :
PB131684BL

Tot Ion:163 Resp: 74443
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 441.6 7.9 11.9#

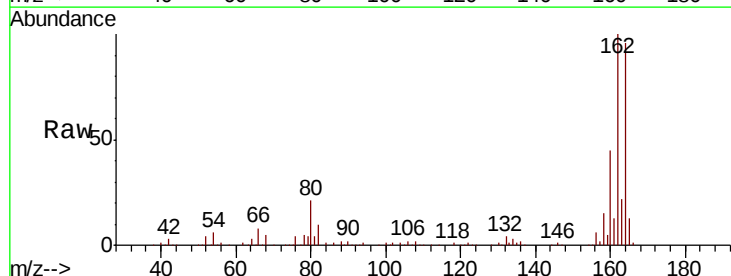


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

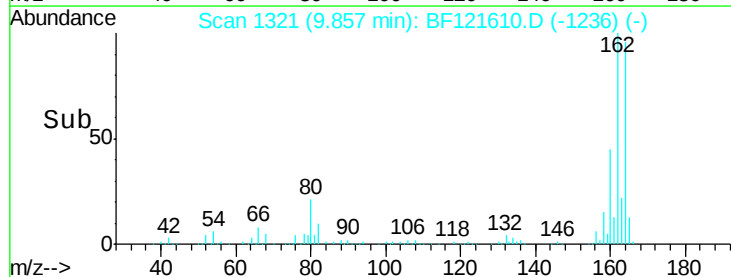
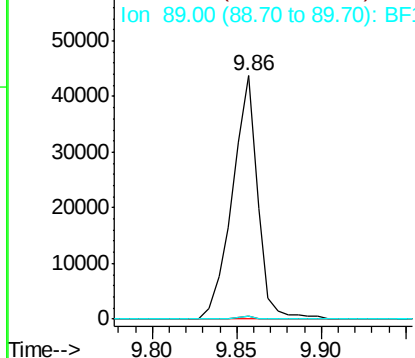


#51
2,6-Dinitrotoluene
Concen: 8.218 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Tgt Ion:165 Resp: 45625
Ion Ratio Lower Upper
165 100
63 1.0 40.6 61.0#
89 1.4 41.8 62.8#



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

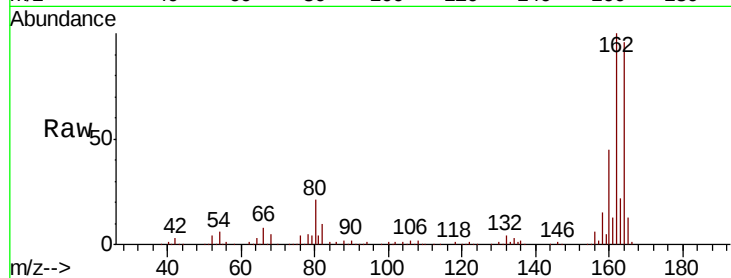




#57
 2,4-Dinitrotoluene
 Concen: 6.532 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.4	58.2	87.4#
182	0.0	2.2	3.2#

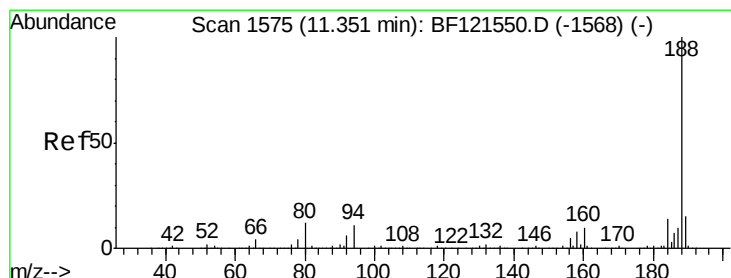
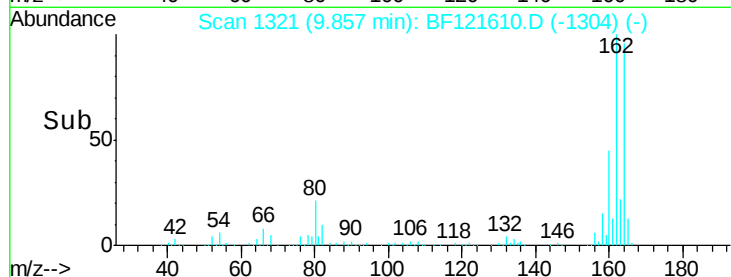
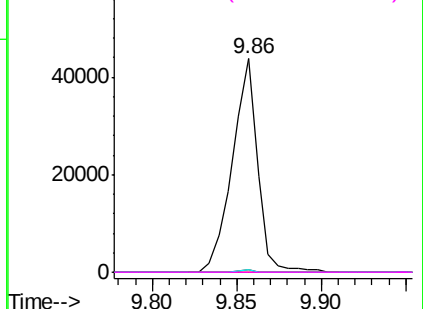


Abundance Ion 165.00 (164.70 to 165.70): E

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



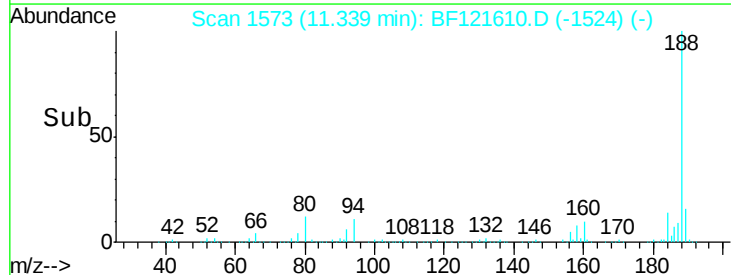
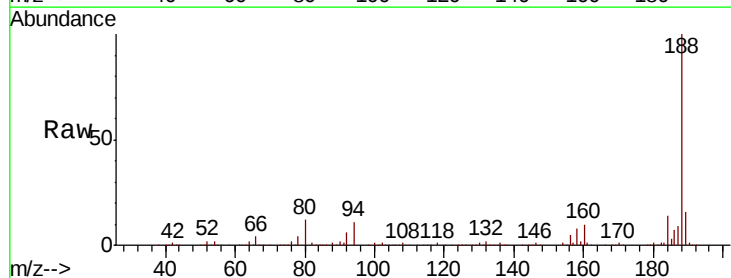
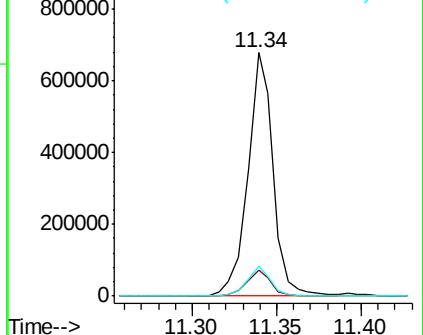
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF121610.D
 Acq: 18 Sep 2020 11:13

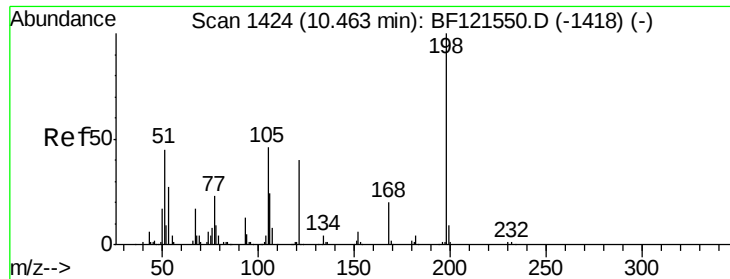
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.7	13.1
80	12.1	9.3	13.9

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# 1455

Delta R.T. 0.18 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

Instrument :

BNA_F

ClientSampleId :

PB131684BL

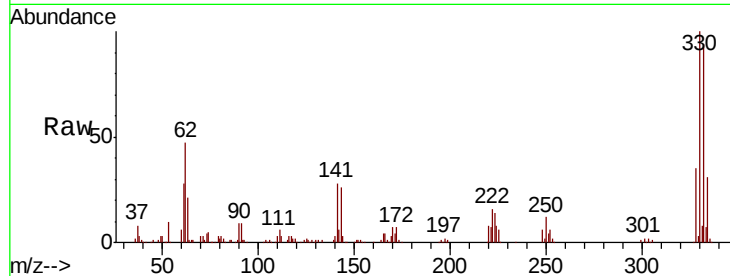
Tot Ion:198 Resp: 687

Ion Ratio Lower Upper

198 100

51 203.6 31.1 71.1#

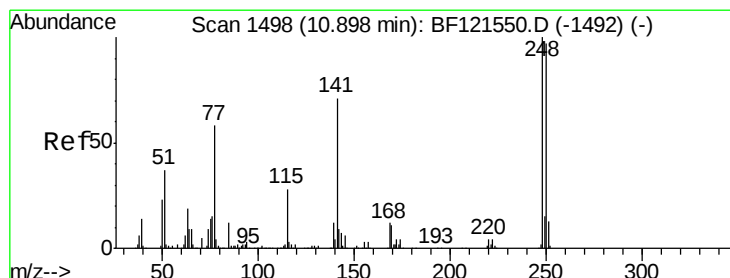
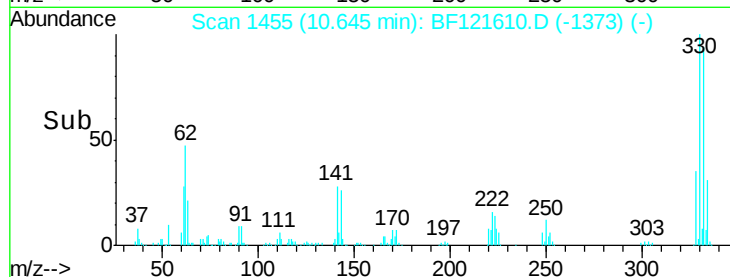
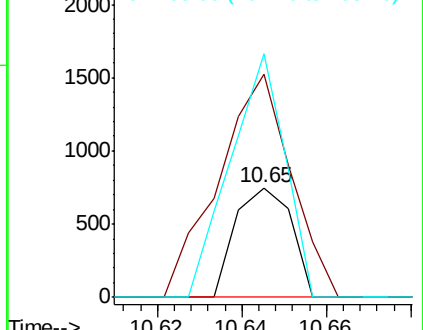
105 222.6 26.6 66.6#



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: 3.315 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF121610.D

Acq: 18 Sep 2020 11:13

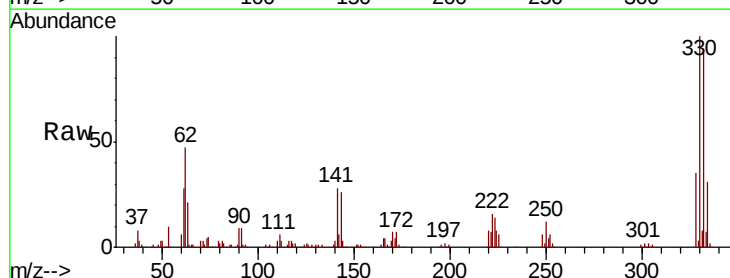
Tgt Ion:248 Resp: 26725

Ion Ratio Lower Upper

248 100

250 194.1 77.4 116.0#

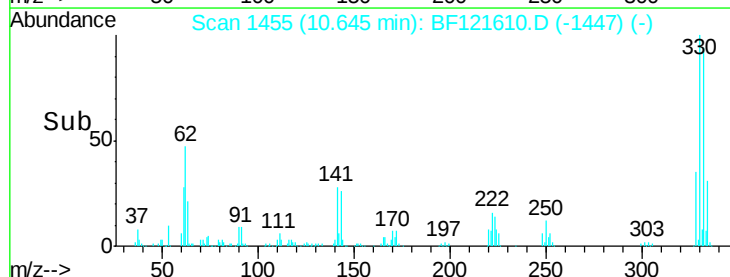
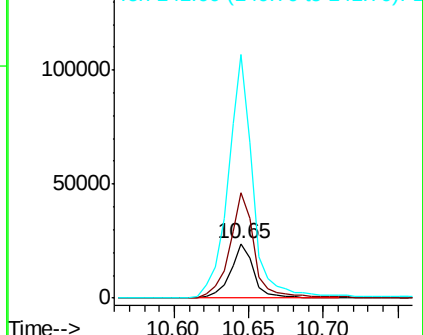
141 446.3 56.7 85.1#

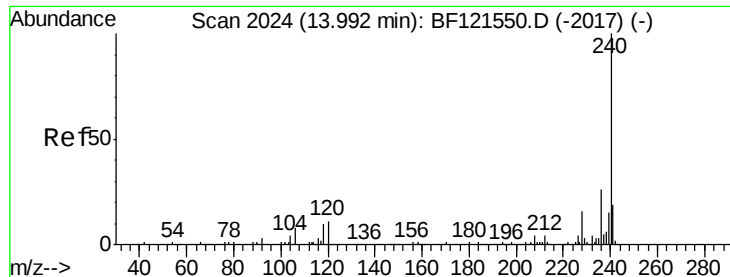


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

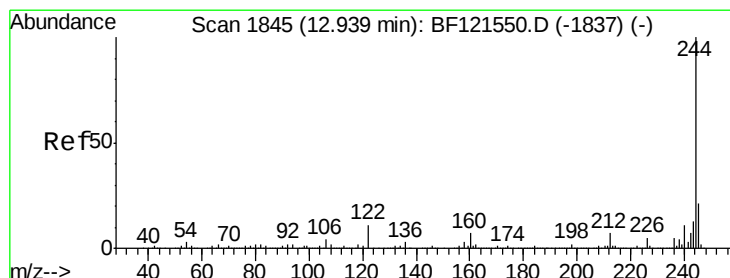
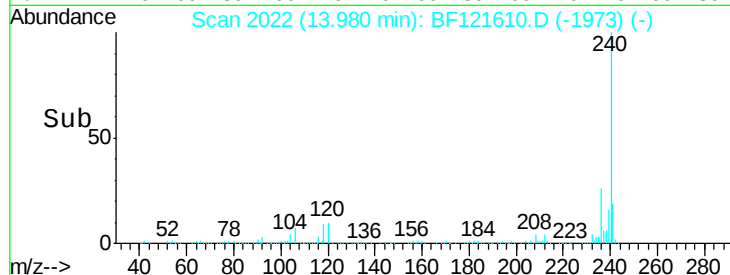
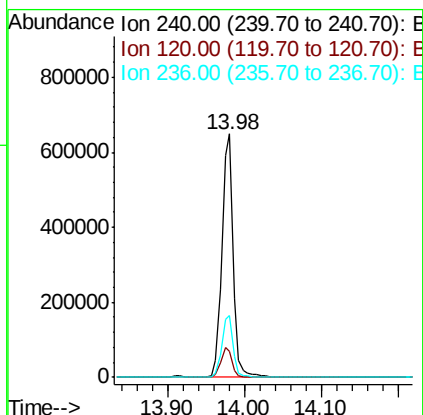
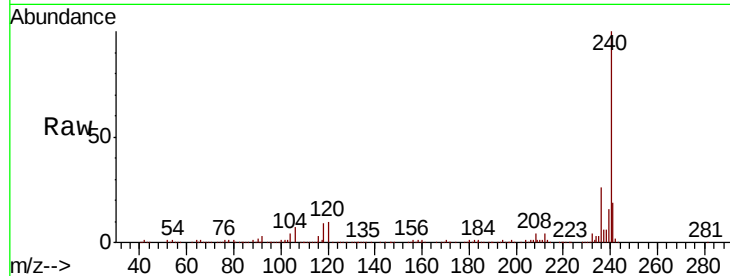




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

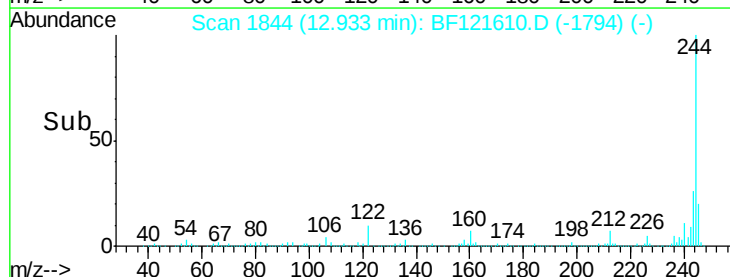
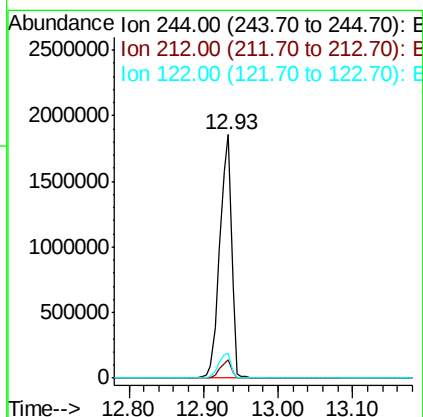
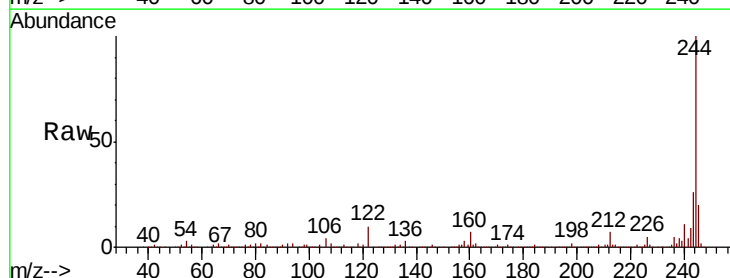
Instrument :
BNA_F
ClientSampleId :
PB131684BL

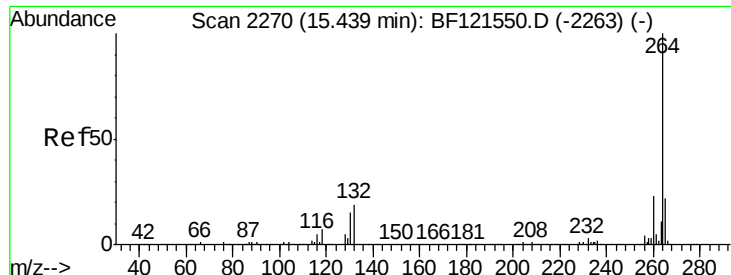
Tot Ion:240 Resp: 655148
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 62.334 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Tgt Ion:244 Resp: 2015804
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.0 8.7 13.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121610.D
Acq: 18 Sep 2020 11:13

Instrument :
BNA_F
ClientSampleId :
PB131684BL

Tot Ion: 264 Resp: 613785

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.7	17.8	26.6

