

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121336.D
 Acq On : 20 Aug 2020 9:24
 Operator : JU/CG
 Sample : PB130970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BL

Quant Time: Aug 20 11:11:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

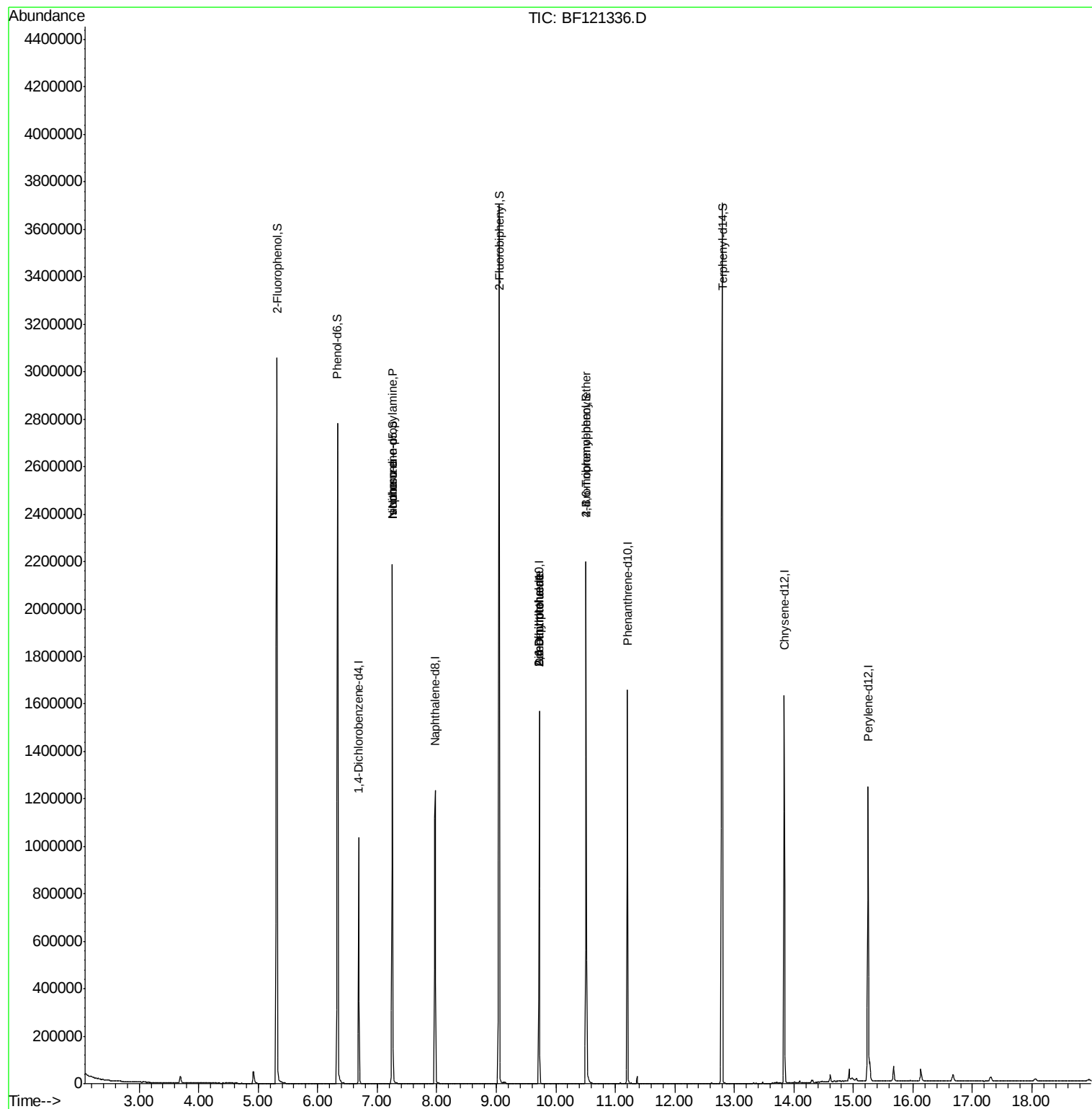
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	161978	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	630517	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	324926	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	627224	20.00	ng	0.00
76) Chrysene-d12	13.84	240	541435	20.00	ng	0.00
86) Perylene-d12	15.24	264	546521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1020726	103.33	ng	0.02
7) Phenol-d6	6.33	99	1259988	99.92	ng	0.00
23) Nitrobenzene-d5	7.26	82	859776	77.12	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	373168	98.55	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1458009	86.35	ng	0.00
79) Terphenyl-d14	12.80	244	1497909	54.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	111204	16.397	ng	# 78
25) Isophorone	7.26	82	856231	42.203	ng	# 65
50) Dimethylphthalate	9.72	163	69255	2.930	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	41551	8.230	ng	# 29
57) 2,4-Dinitrotoluene	9.72	165	41551	6.746	ng	# 25
58) Fluorene	10.51	166	13491	Below Cal		# 90
67) 4-Bromophenyl-phenylether	10.52	248	21523	3.093	ng	# 1

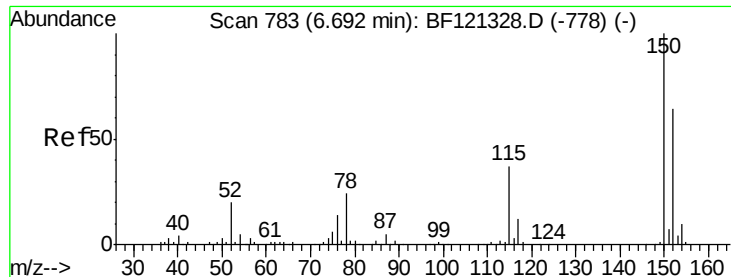
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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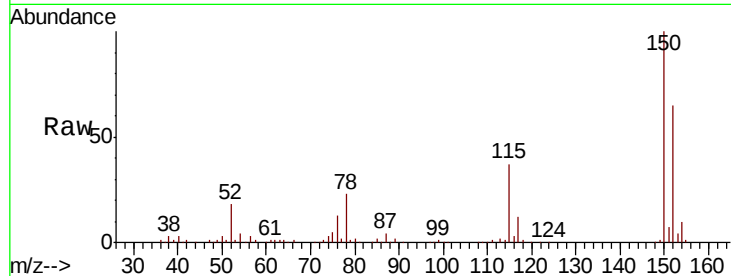


#1

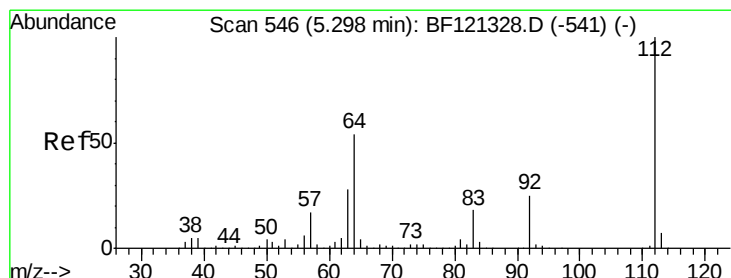
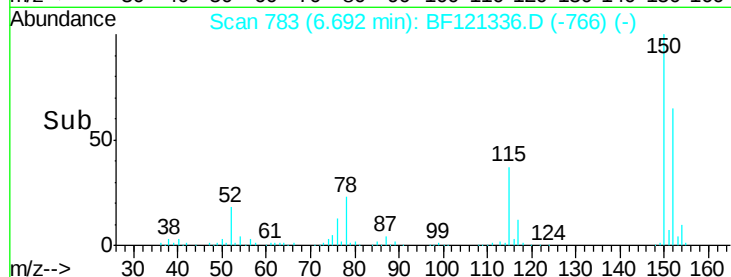
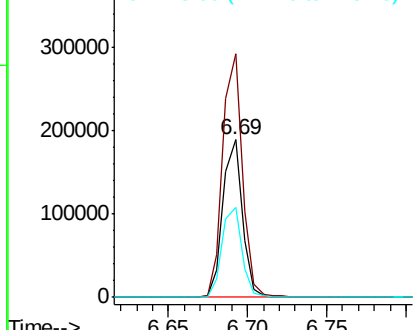
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121336.D
Acq: 20 Aug 2020 9:24

Instrument :
BNA_F
ClientSampleId :
PB130970BL

Tot Ion:152 Resp: 161978
Ion Ratio Lower Upper
152 100
150 154.7 124.8 187.2
115 57.5 46.1 69.1



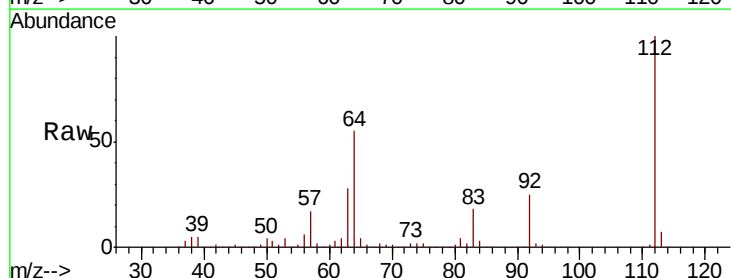
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



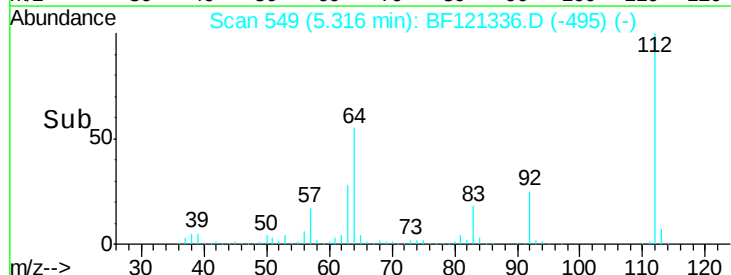
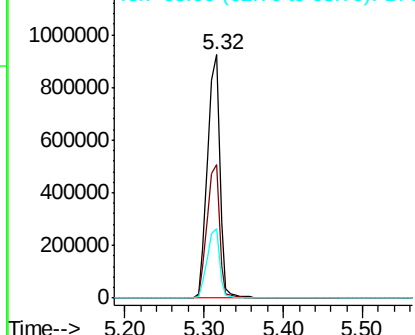
#5

2-Fluorophenol
Concen: 103.330 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121336.D
Acq: 20 Aug 2020 9:24

Tgt Ion:112 Resp: 1020726
Ion Ratio Lower Upper
112 100
64 54.9 43.5 65.3
63 28.4 22.0 33.0



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: 99.915 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

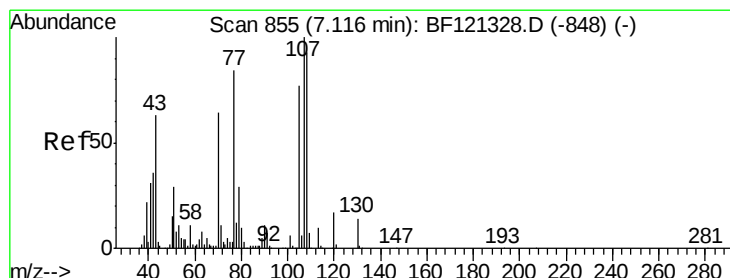
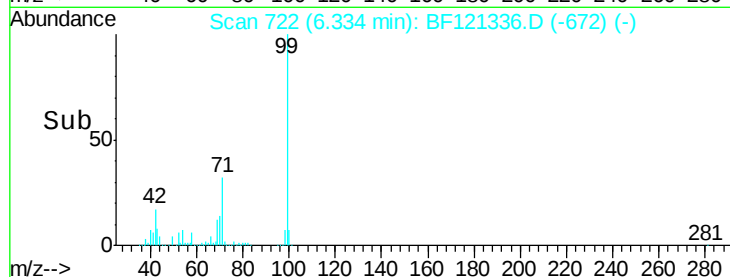
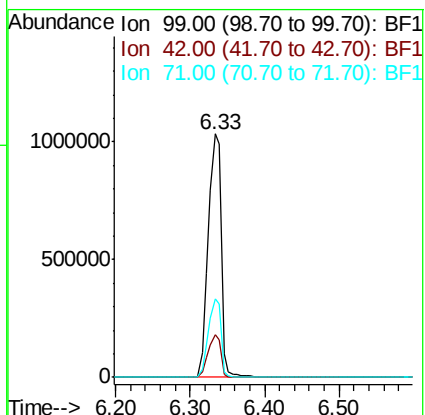
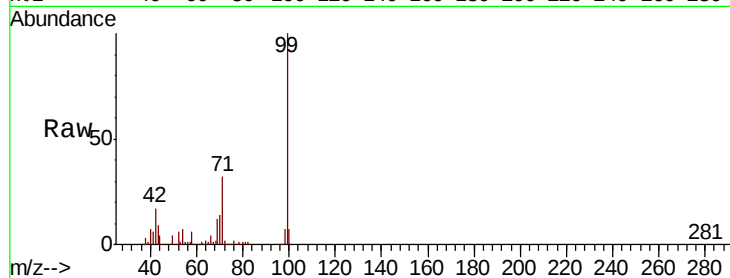
Tot Ion: 99 Resp: 1259988

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	32.4	25.2	37.8

99 100

42 17.4 13.5 20.3

71 32.4 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.397 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Tgt Ion: 70 Resp: 111204

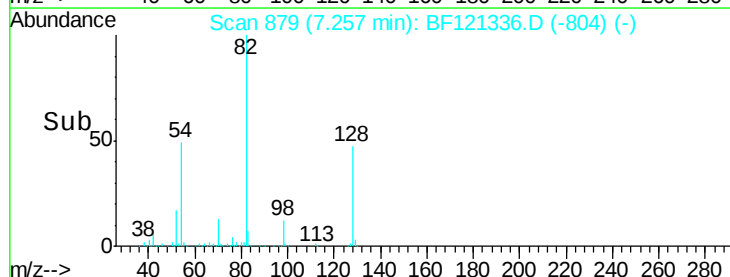
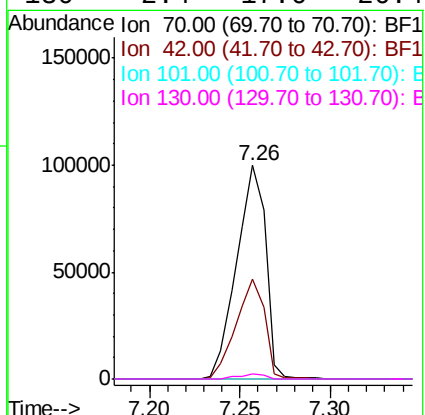
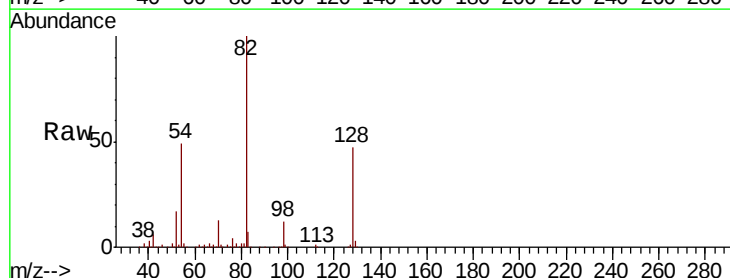
Ion	Ratio	Lower	Upper
70	100		
42	46.9	45.2	67.8
101	0.0	7.7	11.5#
130	2.4	17.6	26.4#

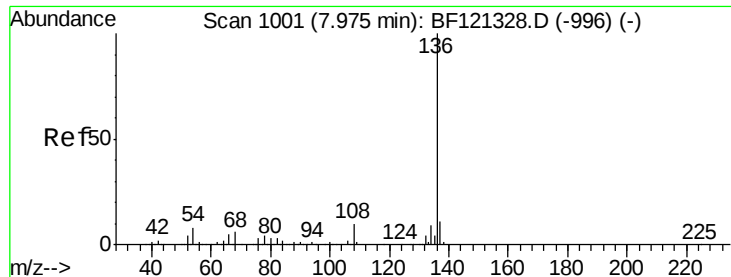
70 100

42 46.9 45.2 67.8

101 0.0 7.7 11.5#

130 2.4 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

Tot Ion:136 Resp: 630517

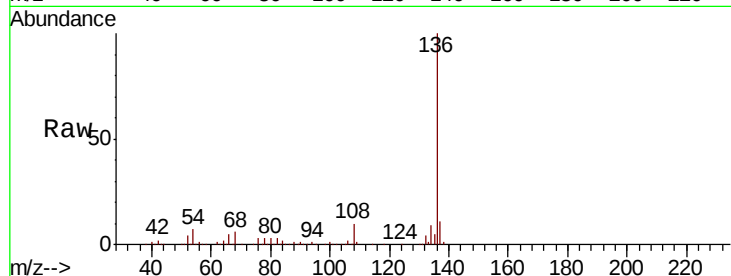
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.1 9.1

68 5.9 5.0 7.4

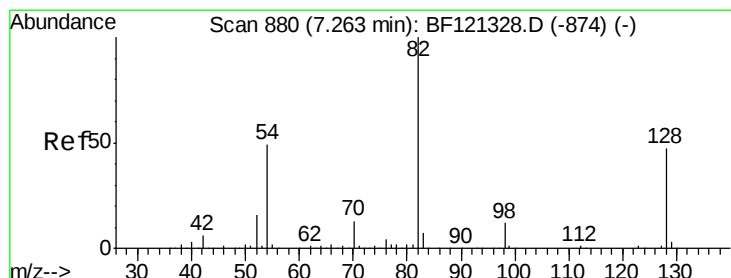
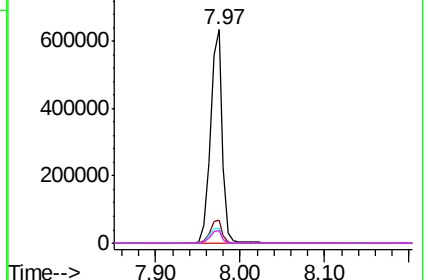
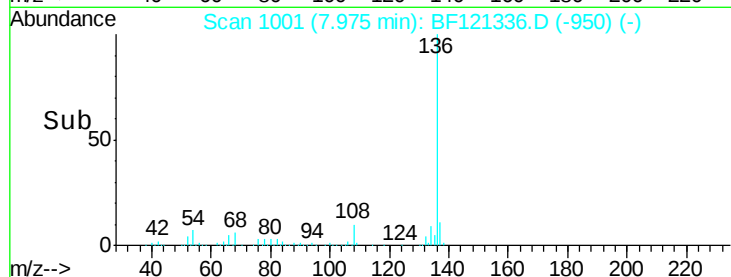


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.120 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

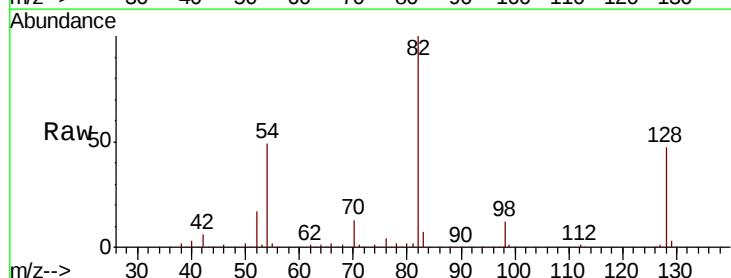
Tgt Ion: 82 Resp: 859776

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

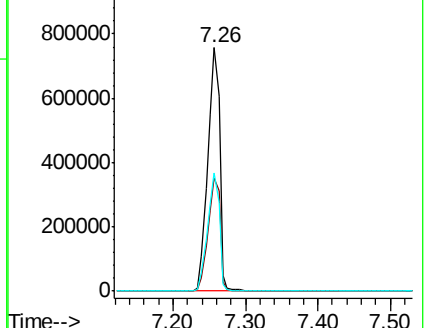
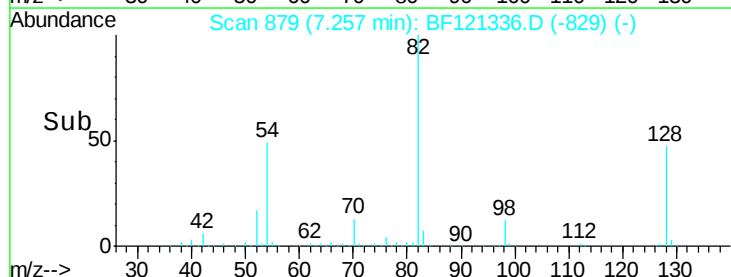
54 48.7 39.0 58.4

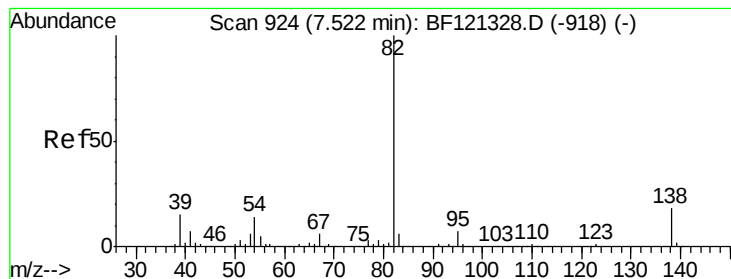


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.203 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

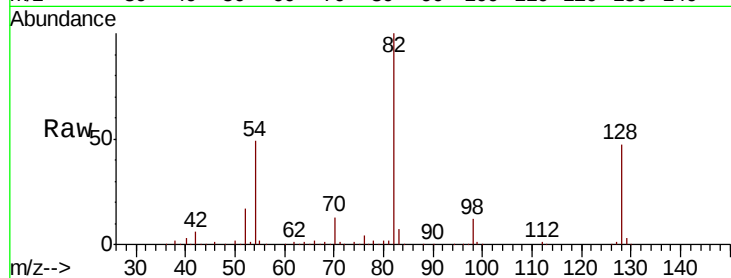
Tot Ion: 82 Resp: 856231

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 14.6 21.8#



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

7.26

800000

600000

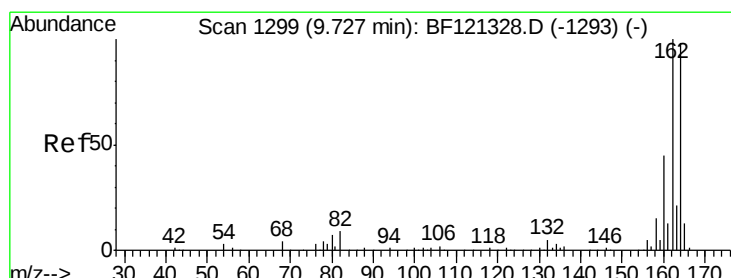
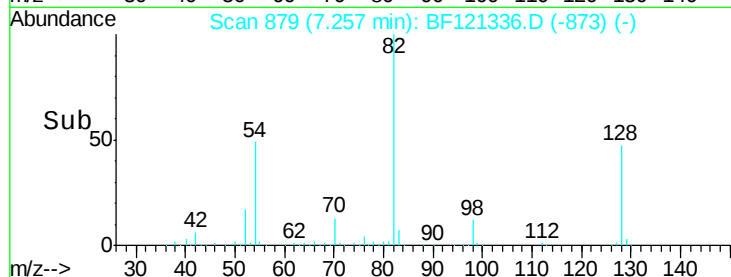
400000

200000

0

Time-->

7.20 7.30 7.40



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

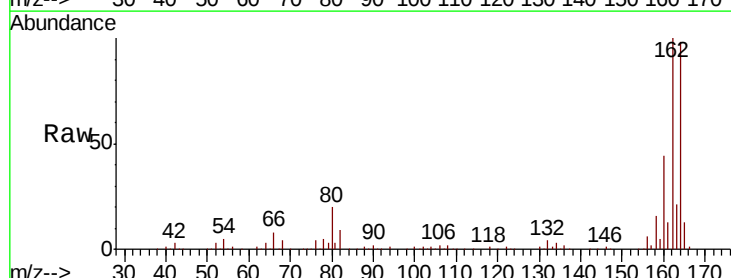
Tgt Ion: 164 Resp: 324926

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

160 45.1 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

9.72

500000

400000

300000

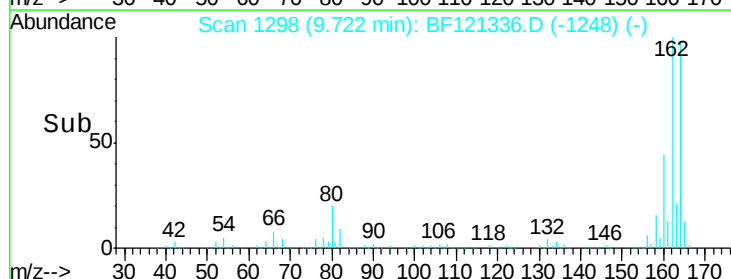
200000

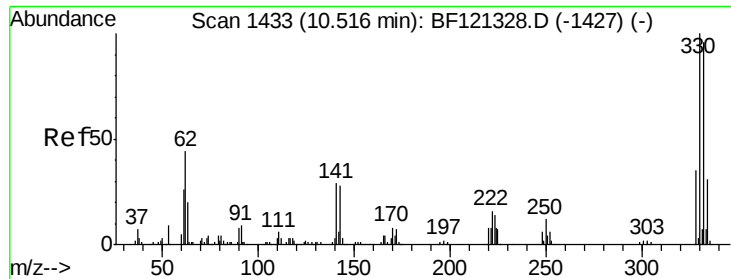
100000

0

Time-->

9.65 9.70 9.75 9.80

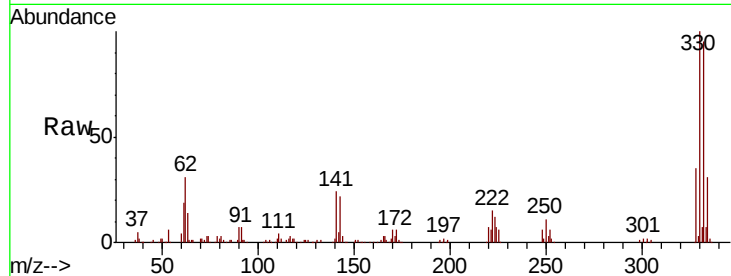




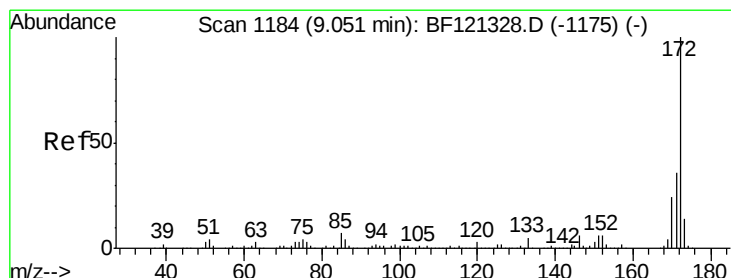
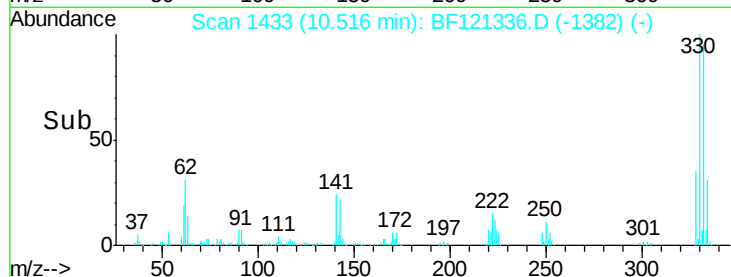
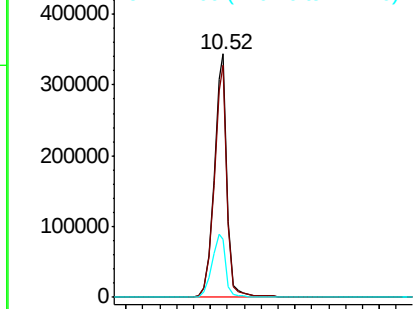
#42
 2,4,6-Tribromophenol
 Concen: 98.555 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	28.2	22.8	34.2

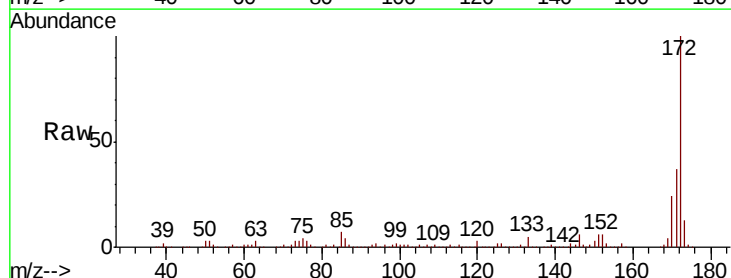


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

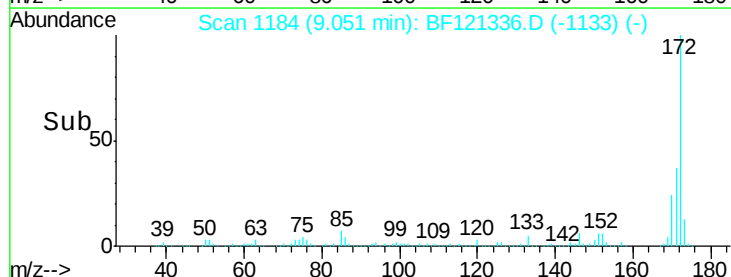
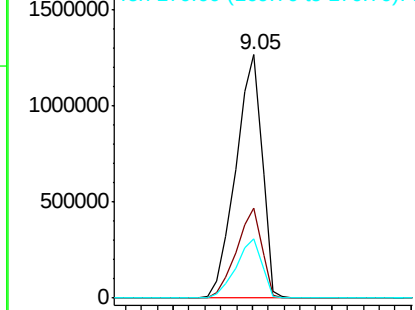


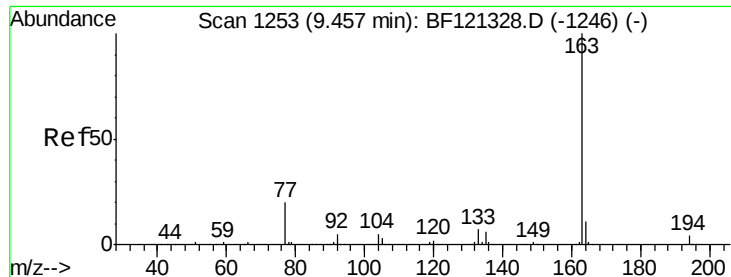
#45
 2-Fluorobiphenyl
 Concen: 86.345 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.3	19.4	29.2



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: 2.930 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

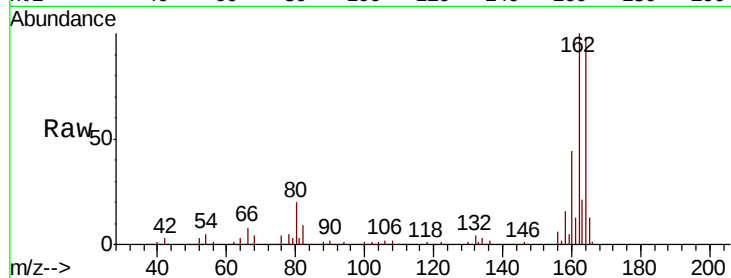
Tot Ion:163 Resp: 69255

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

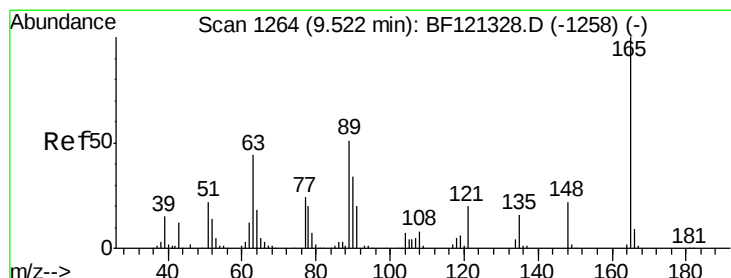
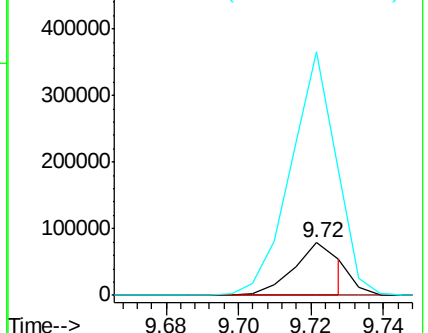
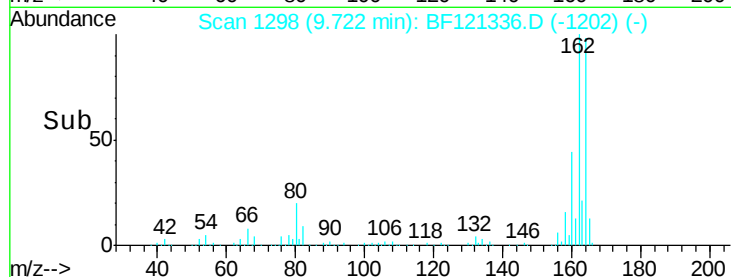
164 462.9 8.4 12.6#



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: 8.230 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

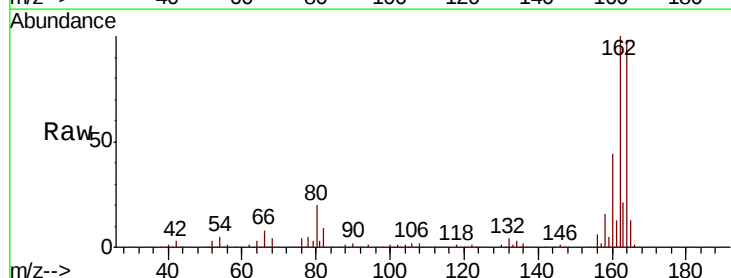
Tgt Ion:165 Resp: 41551

Ion Ratio Lower Upper

165 100

63 1.1 38.5 57.7#

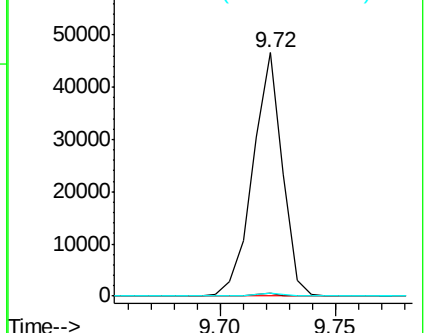
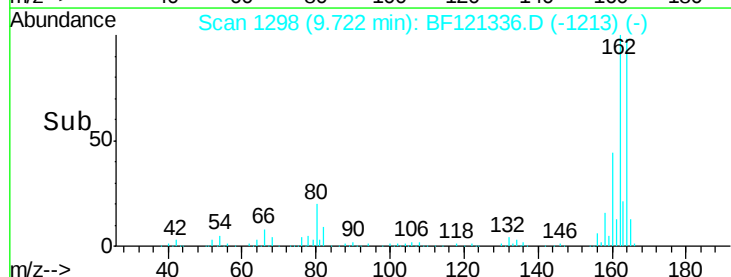
89 1.1 41.2 61.8#

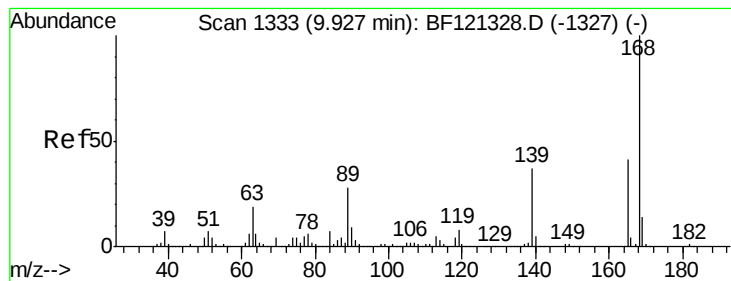


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.746 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

Instrument :

BNA_F

ClientSampleId :

PB130970BL

Tot Ion:165 Resp: 41551

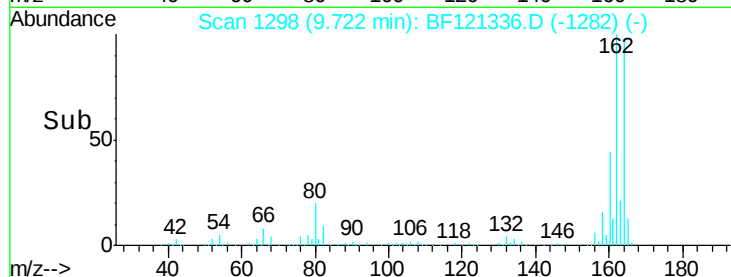
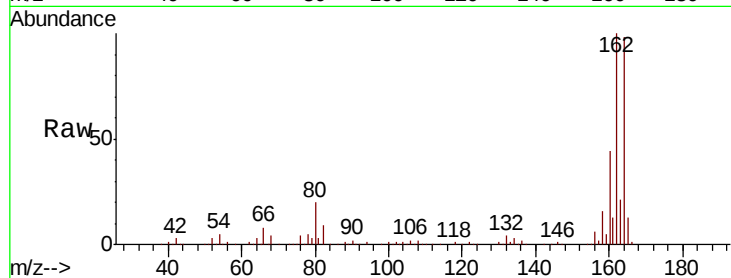
Ion Ratio Lower Upper

165 100

63 1.1 37.5 56.3#

89 1.1 54.2 81.4#

182 0.0 2.2 3.4#

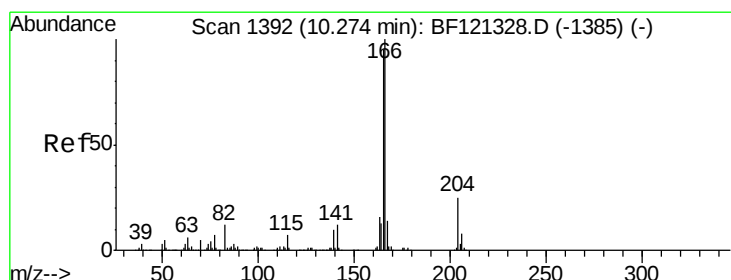
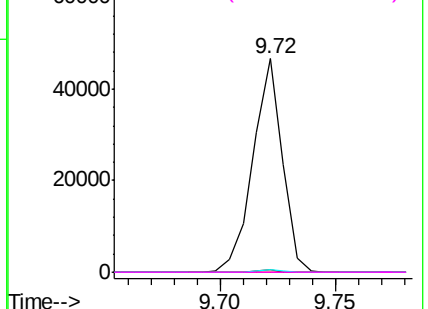


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: Below Cal

RT: 10.51 min Scan# 1432

Delta R.T. 0.24 min

Lab File: BF121336.D

Acq: 20 Aug 2020 9:24

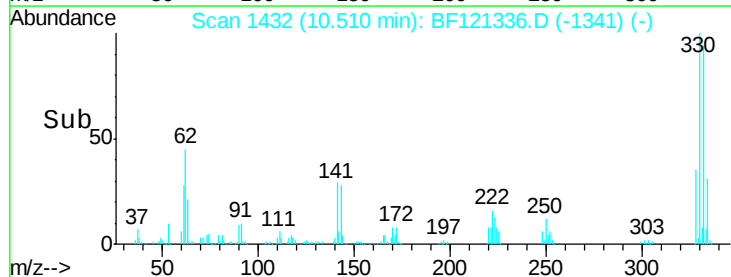
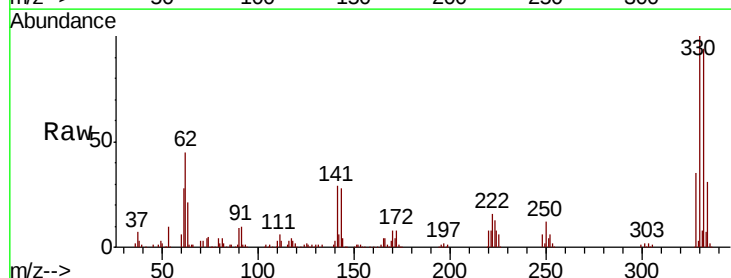
Tgt Ion:166 Resp: 13491

Ion Ratio Lower Upper

166 100

165 99.8 75.8 113.8

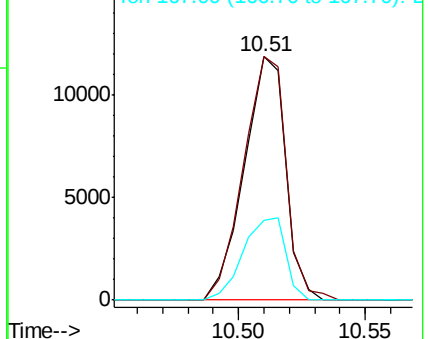
167 32.8 11.0 16.4#

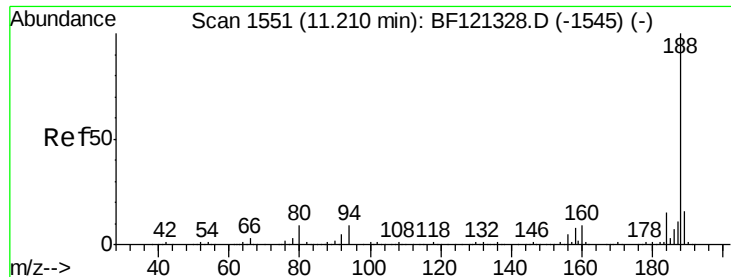


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

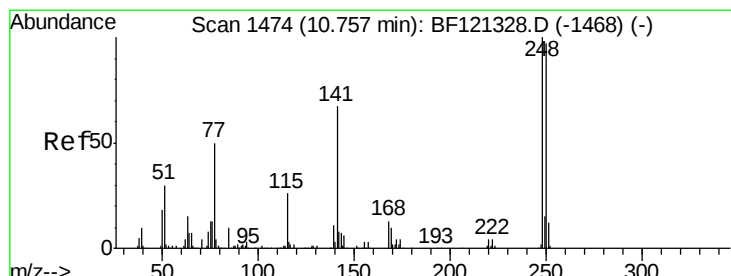
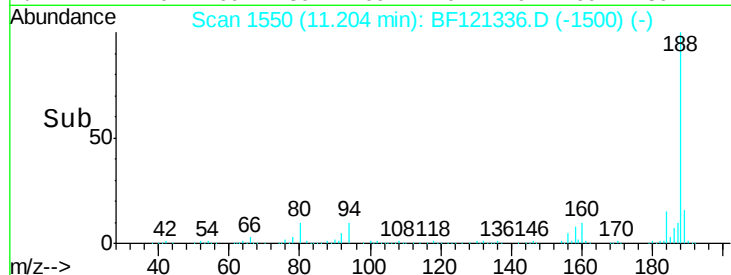
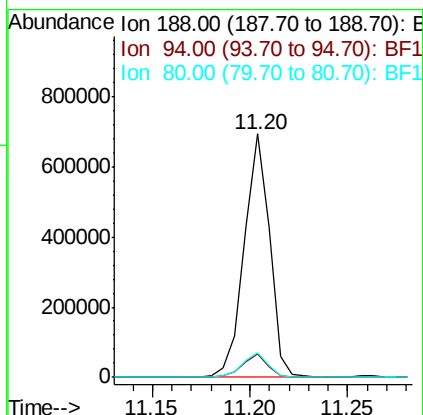
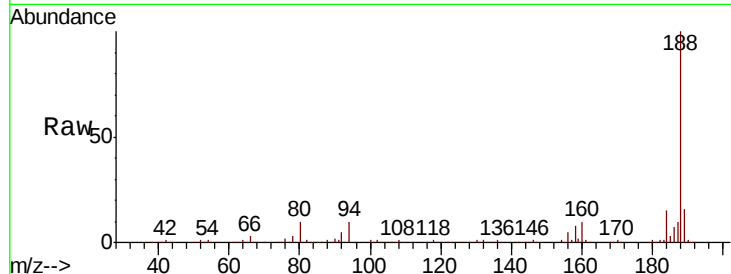




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF121336.D
Acq: 20 Aug 2020 9:24

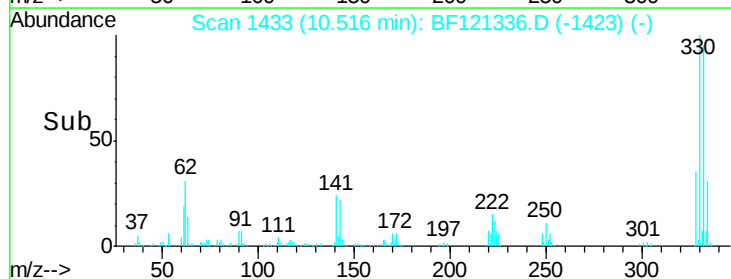
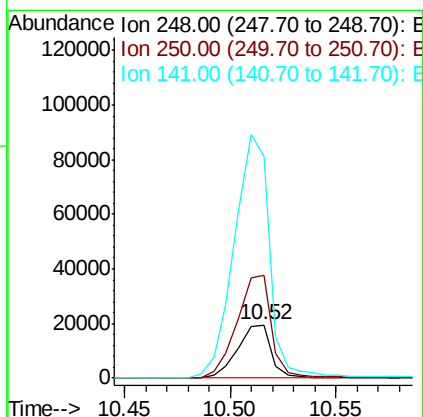
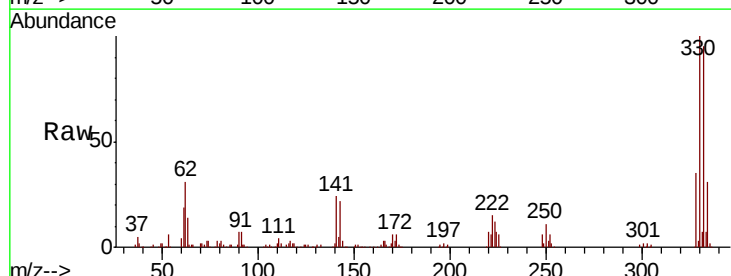
Instrument :
BNA_F
ClientSampleId :
PB130970BL

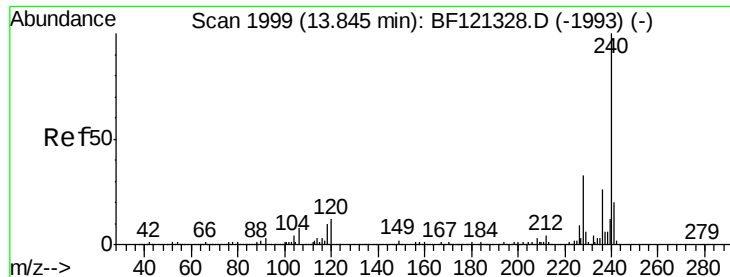
Tot Ion:188 Resp: 627224
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.2 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF121336.D
Acq: 20 Aug 2020 9:24

Tgt Ion:248 Resp: 21523
Ion Ratio Lower Upper
248 100
250 193.6 77.9 116.9#
141 417.2 53.5 80.3#

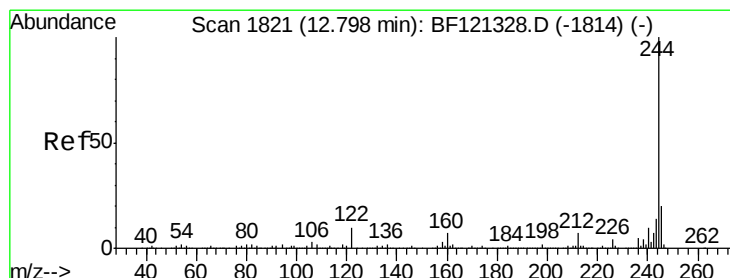
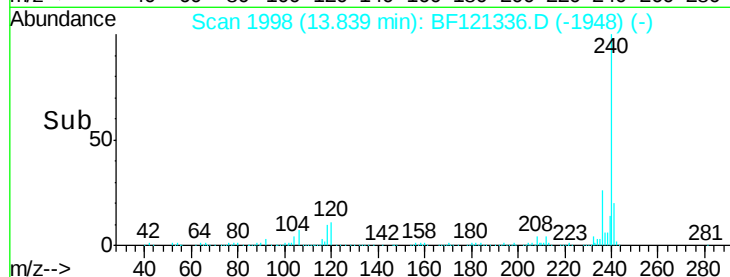
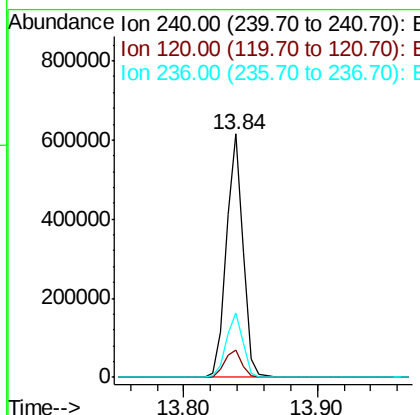
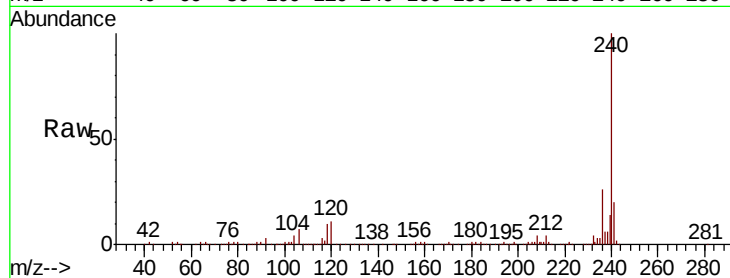




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

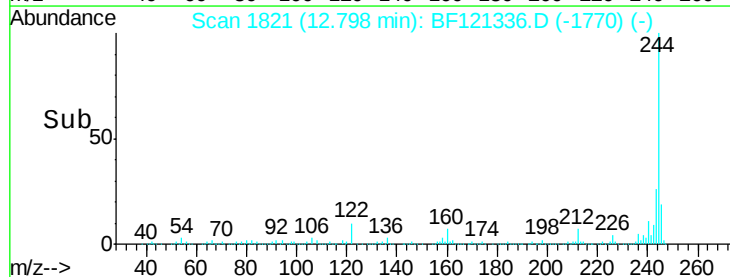
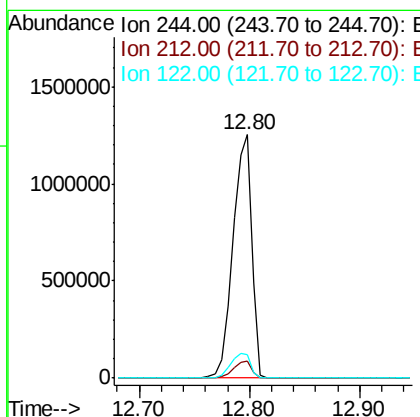
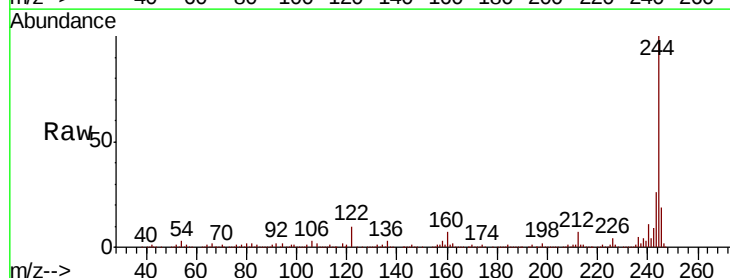
Instrument :
 BNA_F
 ClientSampleId :
 PB130970BL

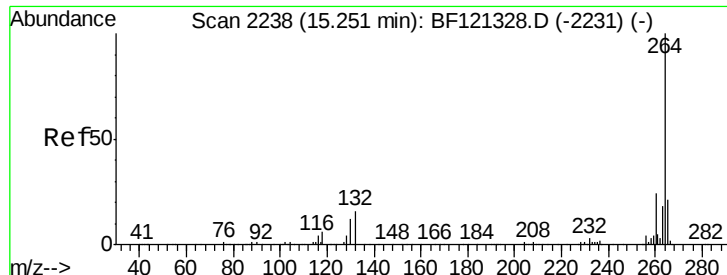
Tot Ion:240 Resp: 541435
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.6 14.4
 236 26.3 20.6 31.0



#79
 Terphenyl-d14
 Concen: 54.063 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121336.D
 Acq: 20 Aug 2020 9:24

Tgt Ion:244 Resp: 1497909
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.8 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF121336.D
Acq: 20 Aug 2020 9:24

Instrument :
BNA_F
ClientSampleId :
PB130970BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	17.1	25.7

