

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121301.D
 Acq On : 17 Aug 2020 10:31
 Operator : JU/CG
 Sample : PB131001BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BL

Quant Time: Aug 17 10:59:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

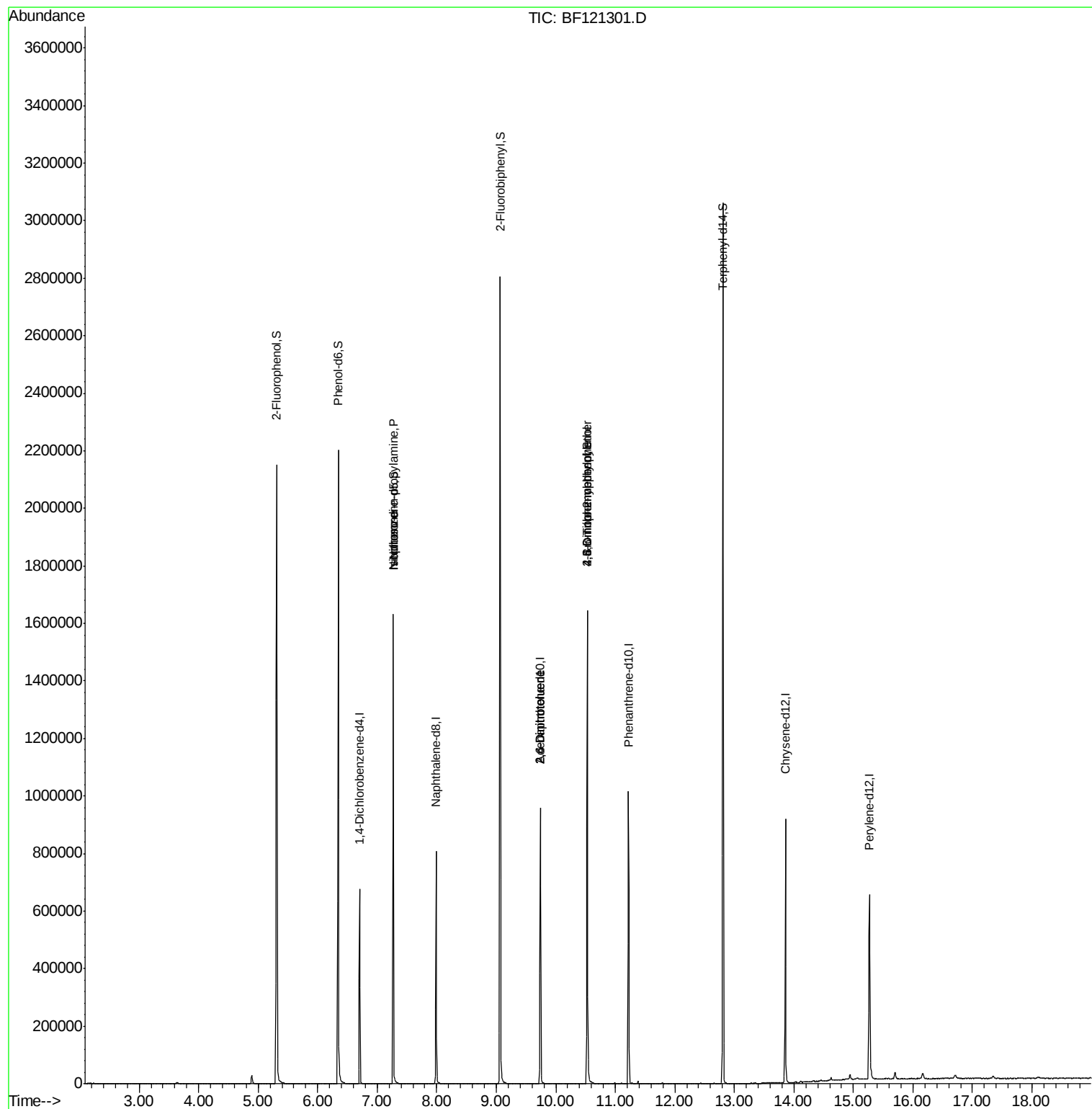
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94059	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	367008	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	188076	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	361694	20.00	ng	0.00
76) Chrysene-d12	13.86	240	302773	20.00	ng	0.00
86) Perylene-d12	15.27	264	291947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	646044	104.13	ng	0.00
7) Phenol-d6	6.35	99	773020	96.69	ng	0.00
23) Nitrobenzene-d5	7.27	82	504049	75.06	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	226007	97.60	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	933894	68.69	ng	0.00
79) Terphenyl-d14	12.81	244	992323	63.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	64552	14.532	ng	# 75
25) Isophorone	7.27	82	504044	37.385	ng	# 63
51) 2,6-Dinitrotoluene	9.74	165	23535	7.460	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	23535	5.685	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.53	198	295	6.049	ng	# 1
67) 4-Bromophenyl-phenylether	10.53	248	12884	3.054	ng	# 1

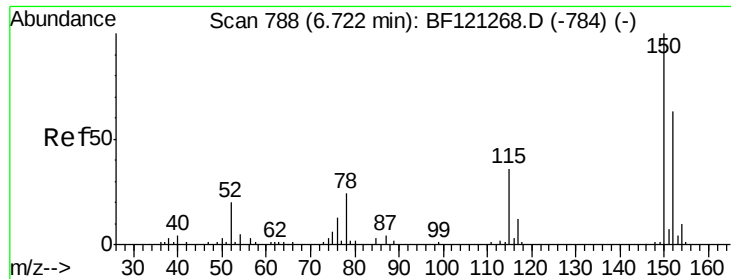
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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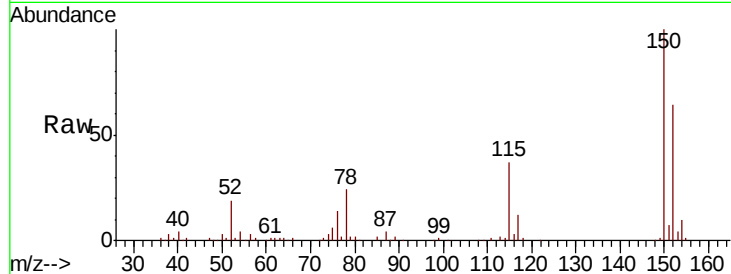


#1

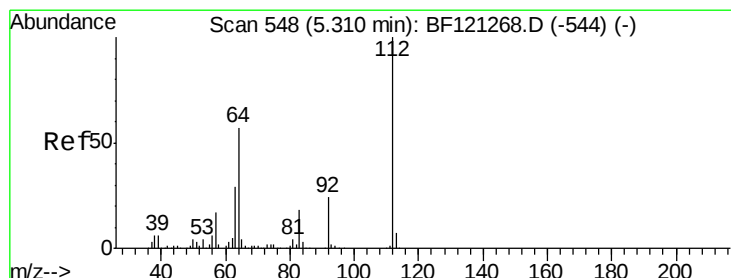
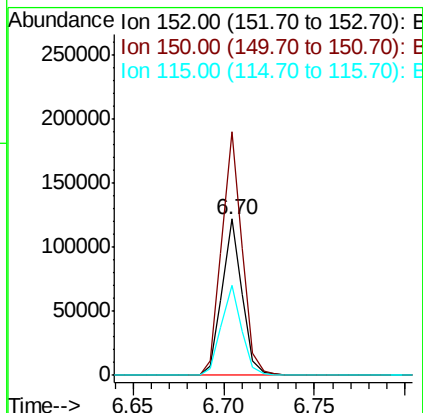
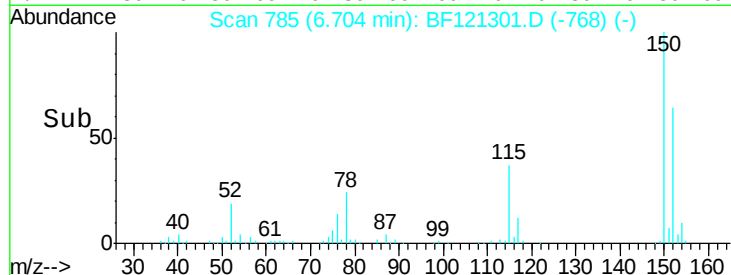
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BL

Tot Ion:152 Resp: 94059
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.9 185.9
 115 57.4 47.3 70.9



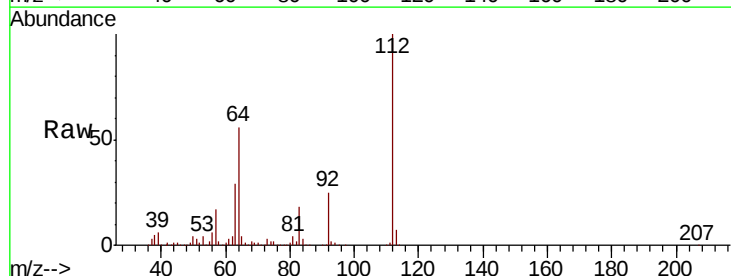
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



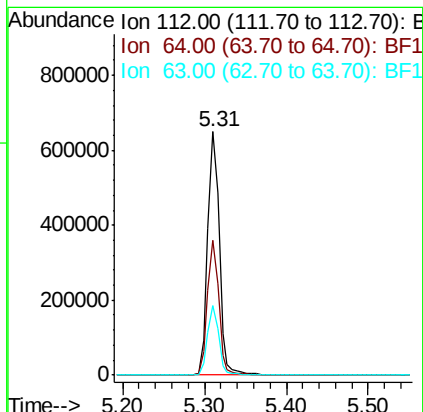
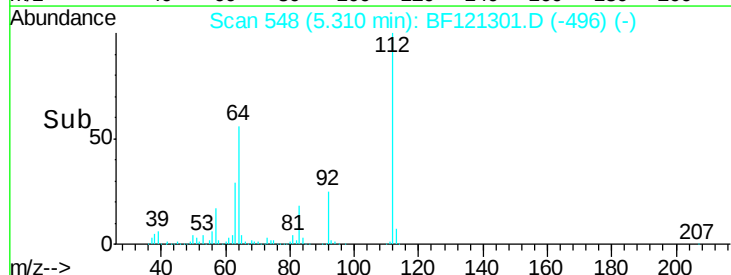
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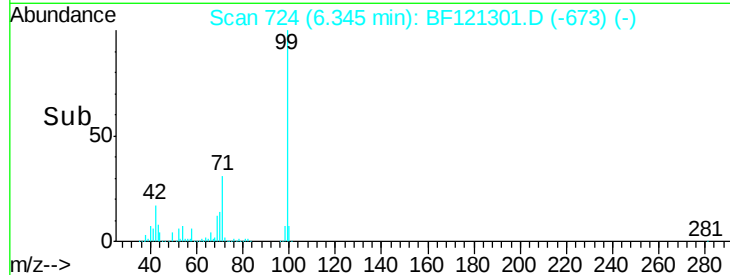
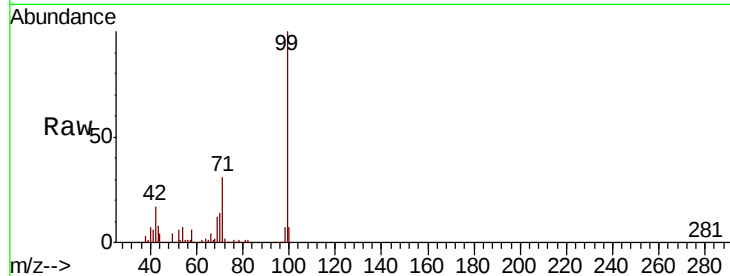
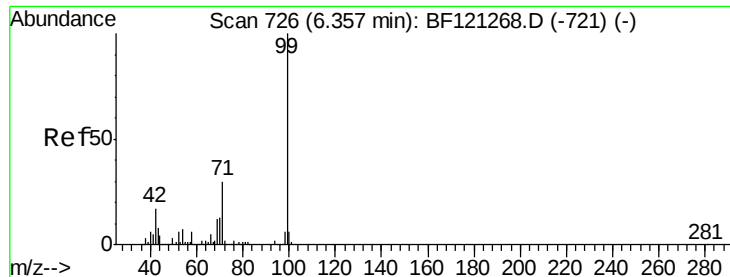
2-Fluorophenol
 Concen: 104.131 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Tgt Ion:112 Resp: 646044
 Ion Ratio Lower Upper
 112 100
 64 55.5 42.9 64.3
 63 28.5 22.2 33.2



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: 96.689 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB131001BL

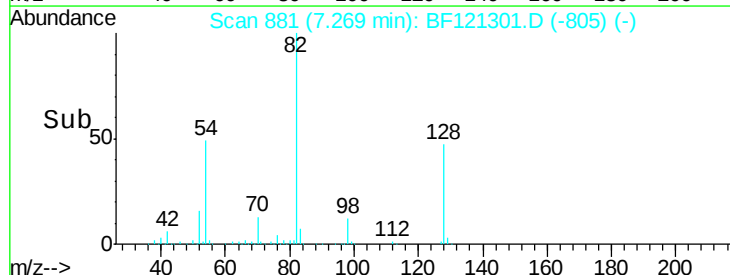
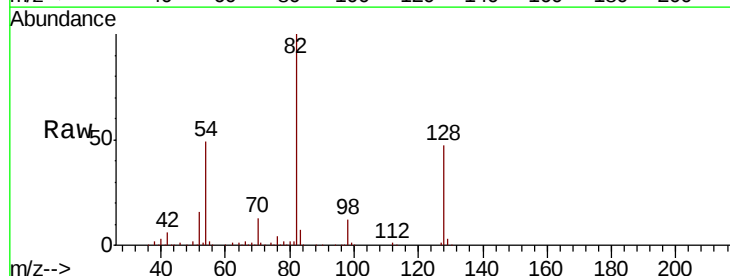
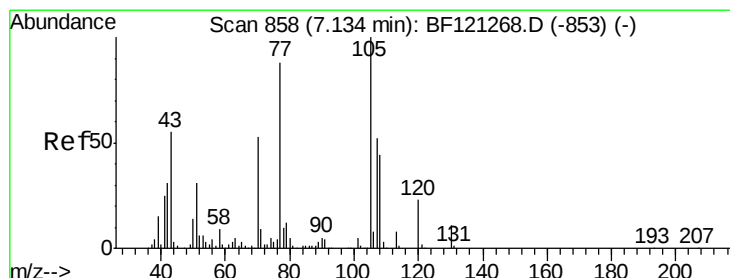
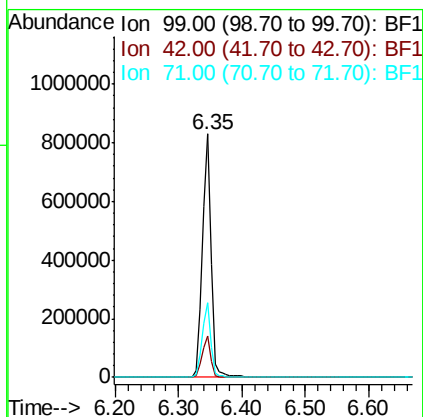
Tot Ion: 99 Resp: 773020

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

71 30.9 24.8 37.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.532 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

Tgt Ion: 70 Resp: 64552

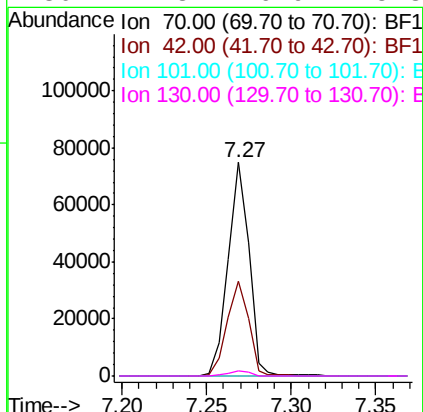
Ion Ratio Lower Upper

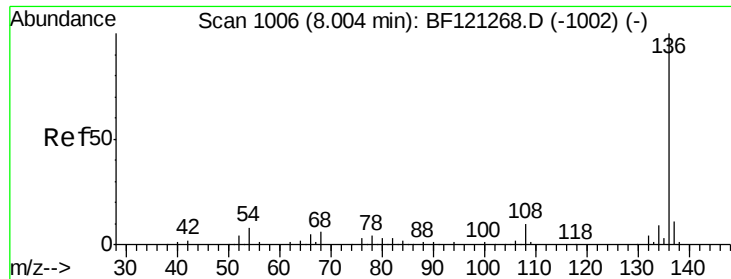
70 100

42 44.5 47.0 70.6#

101 0.0 7.6 11.4#

130 2.3 16.9 25.3#

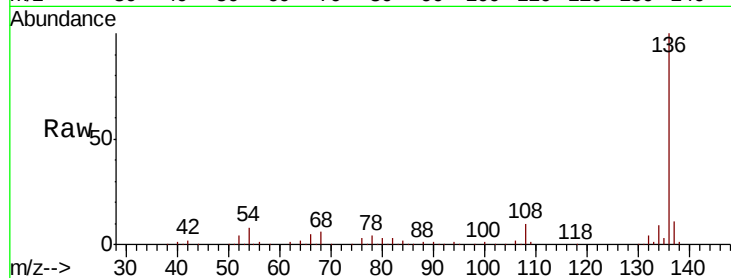




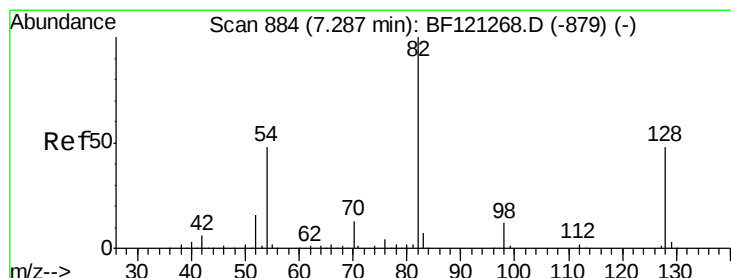
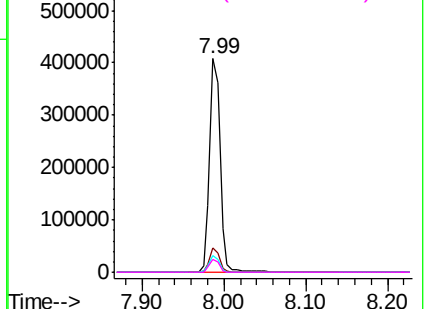
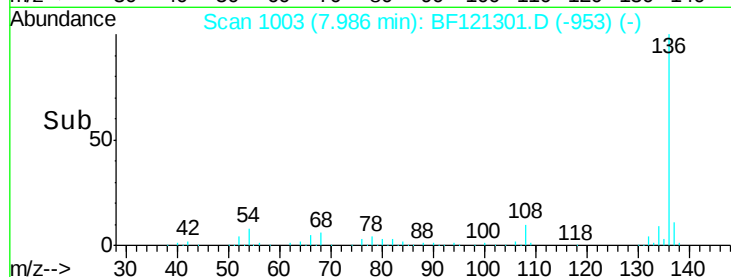
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

Instrument :
BNA_F
ClientSampleId :
PB131001BL

Tot Ion:136 Resp: 367008
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.0 5.4 8.2
68 6.3 4.6 6.8

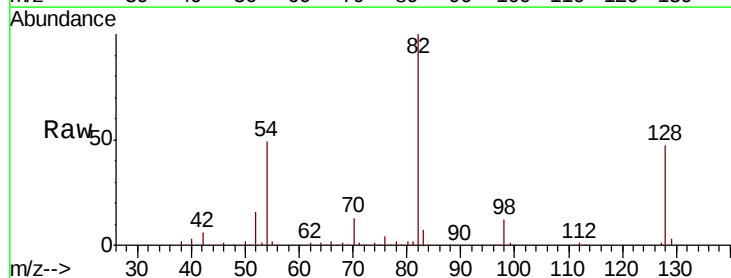


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

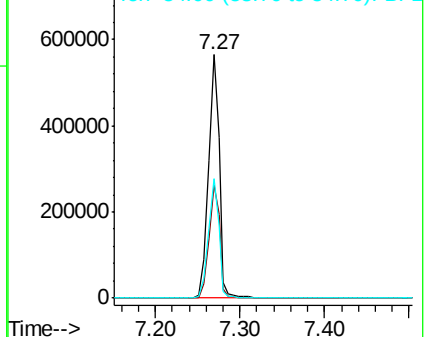
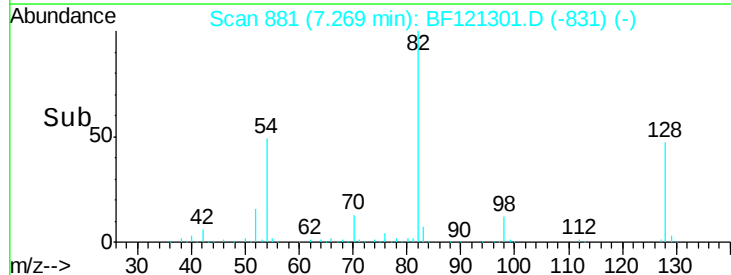


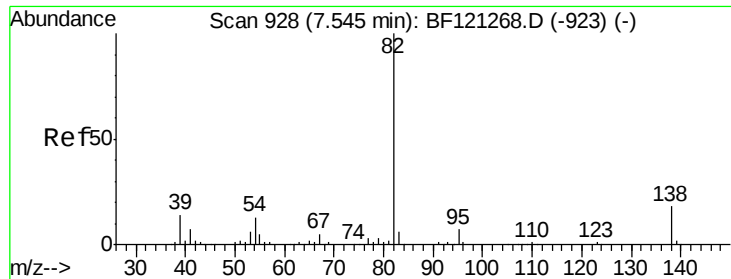
#23
Nitrobenzene-d5
Concen: 75.061 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

Tgt Ion: 82 Resp: 504049
Ion Ratio Lower Upper
82 100
128 46.6 38.2 57.2
54 49.3 38.2 57.4



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: 37.385 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB131001BL

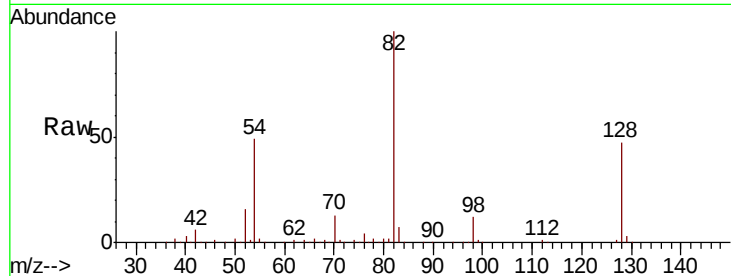
Tot Ion: 82 Resp: 504044

Ion Ratio Lower Upper

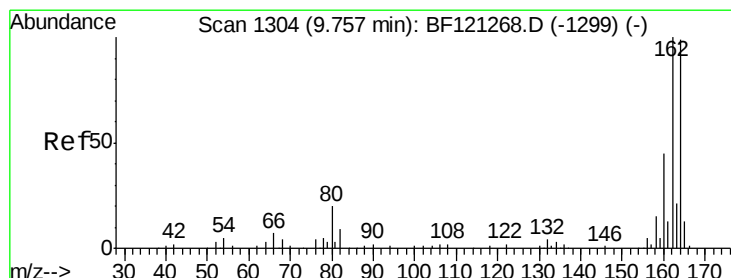
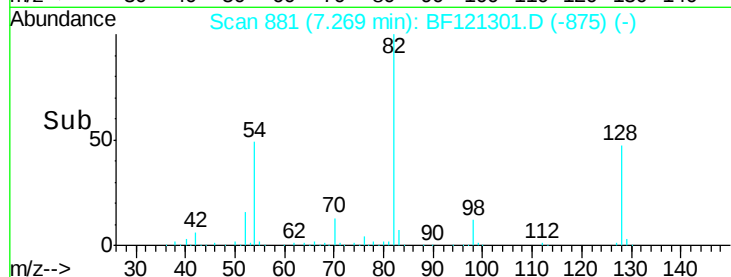
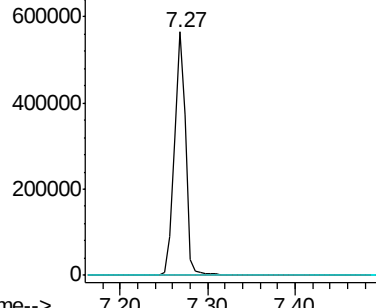
82 100

95 0.0 5.4 8.2#

138 0.0 15.6 23.4#



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: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

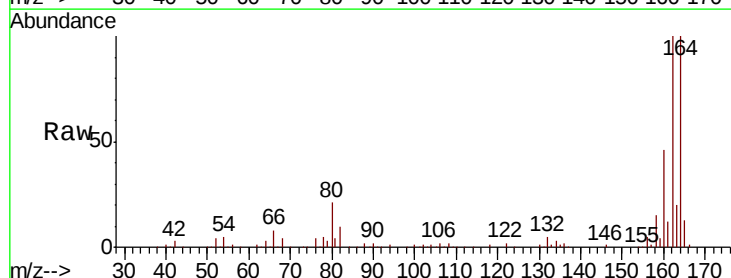
Tgt Ion:164 Resp: 188076

Ion Ratio Lower Upper

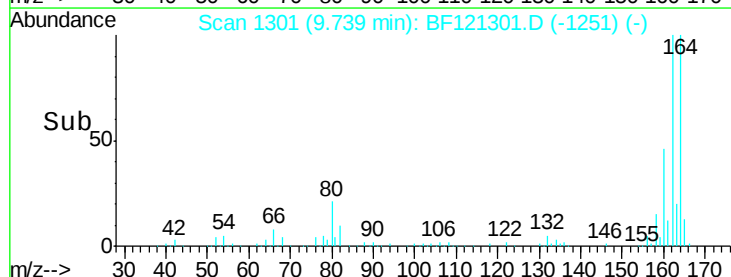
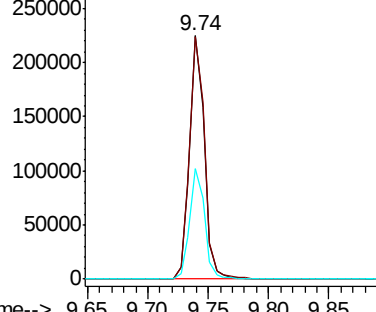
164 100

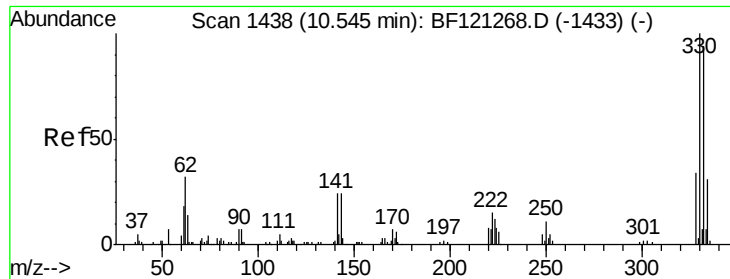
162 99.5 80.2 120.2

160 45.5 36.5 54.7



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: 97.602 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB131001BL

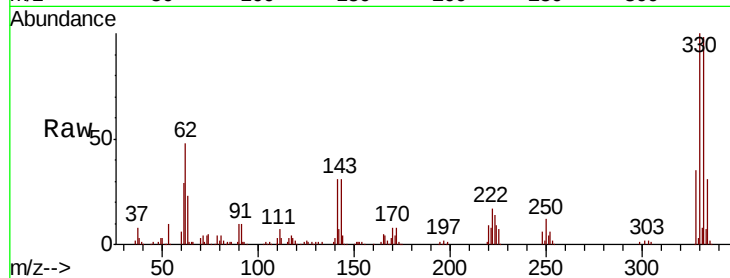
Tot Ion:330 Resp: 226007

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

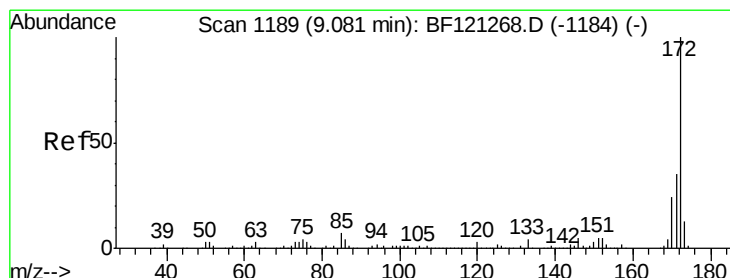
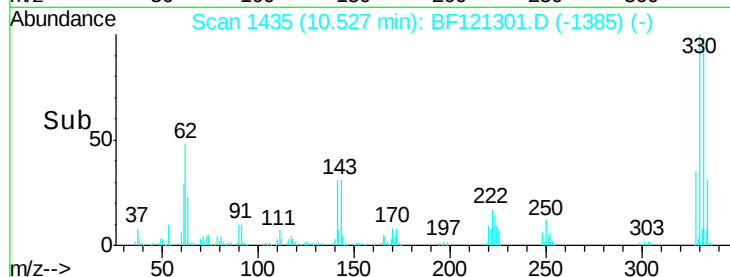
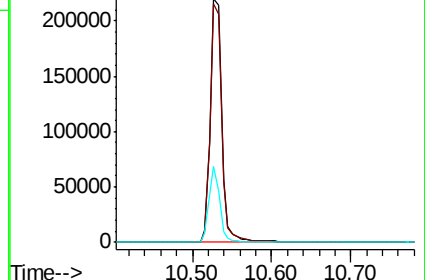
141 29.4 24.2 36.4



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: 68.687 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF121301.D

Acq: 17 Aug 2020 10:31

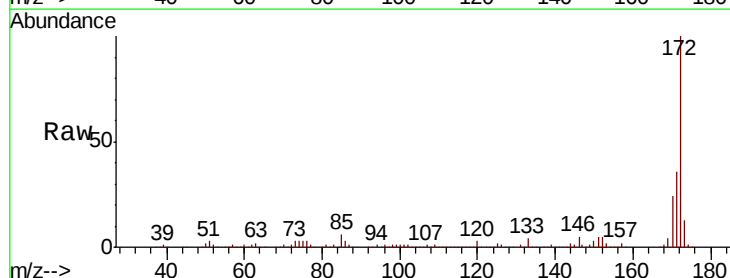
Tgt Ion:172 Resp: 933894

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

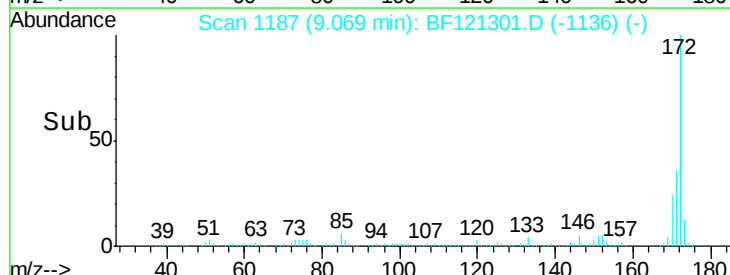
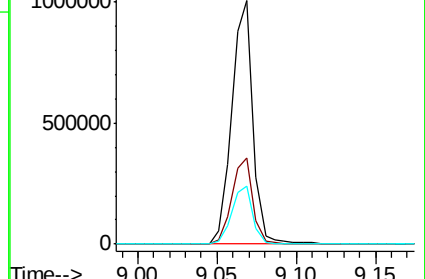
170 23.6 19.3 28.9

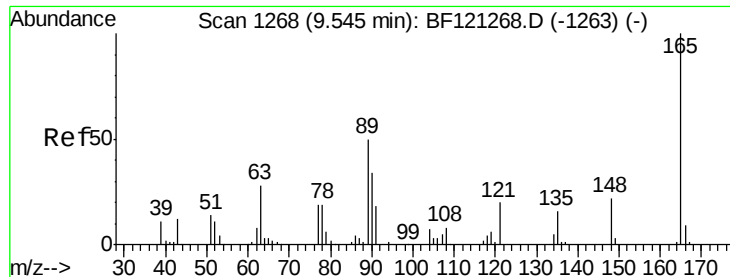


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

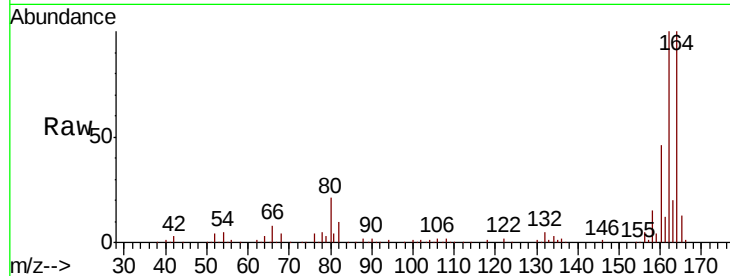




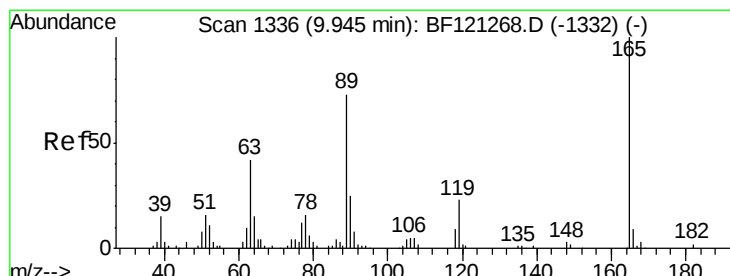
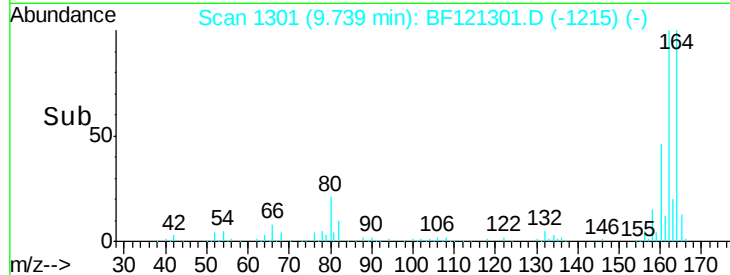
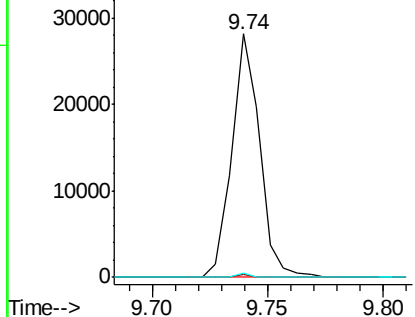
#51
 2,6-Dinitrotoluene
 Concen: 7.460 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Instrument :
 BNA_F
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 PB131001BL

Tot Ion:	165	Resp:	23535
Ion Ratio	Lower	Upper	
165	100		
63	1.1	42.0	63.0#
89	1.5	44.7	67.1#



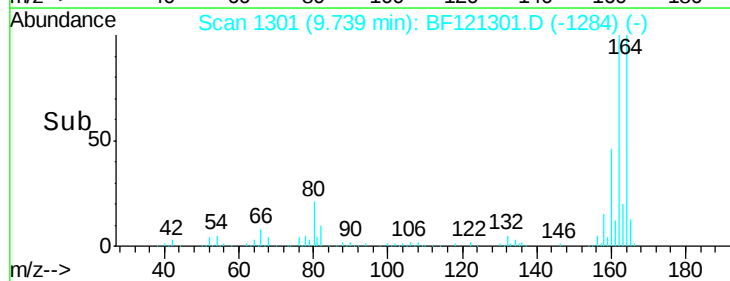
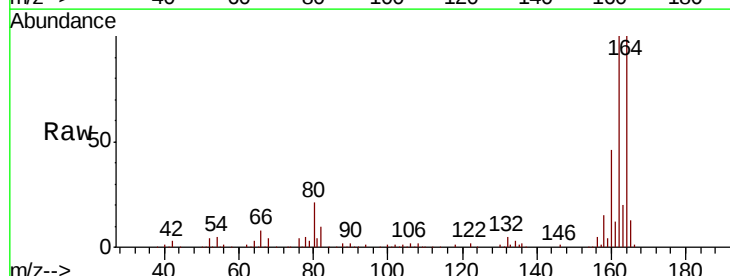
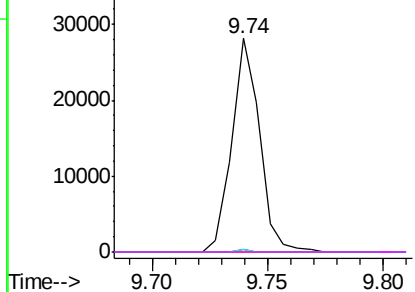
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

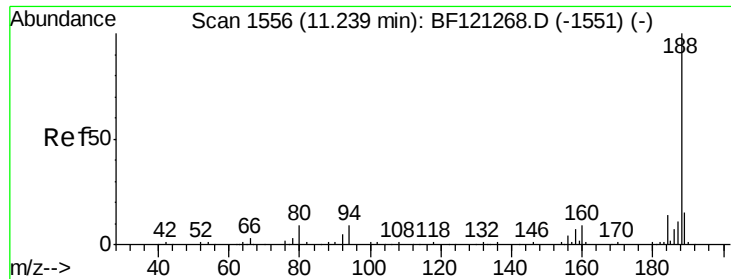


#57
 2,4-Dinitrotoluene
 Concen: 5.685 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Tgt Ion:	165	Resp:	23535
Ion Ratio	Lower	Upper	
165	100		
63	1.1	31.7	47.5#
89	1.5	52.8	79.2#
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

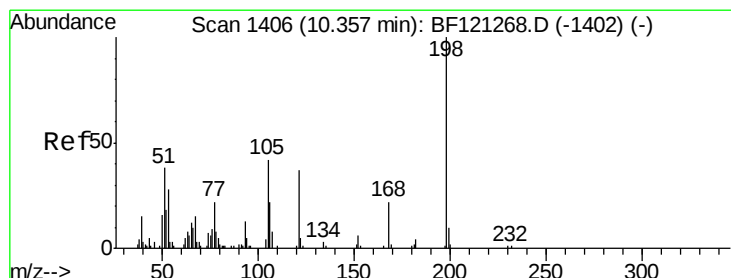
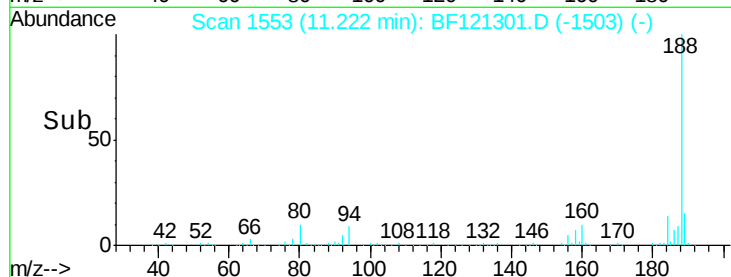
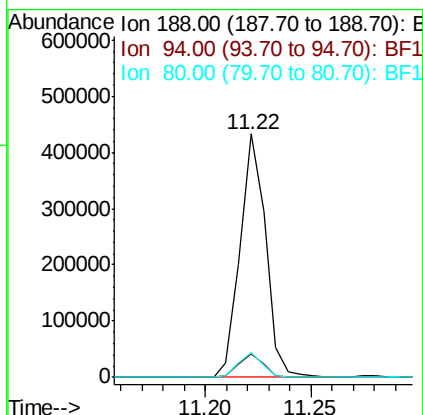
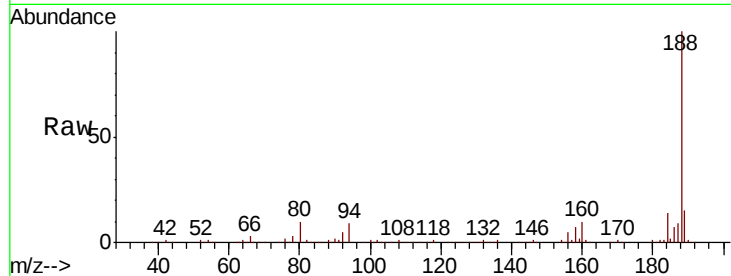




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

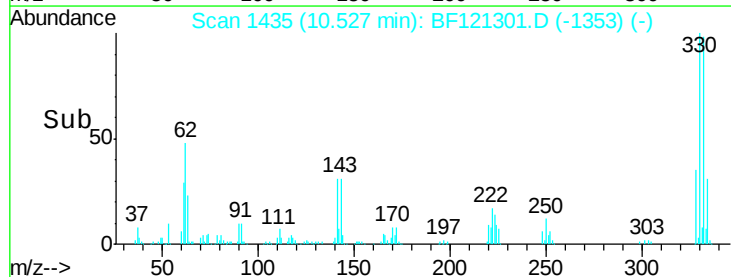
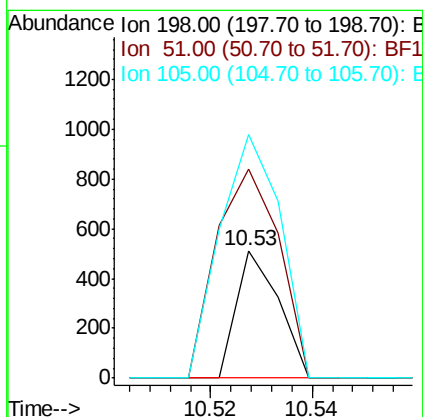
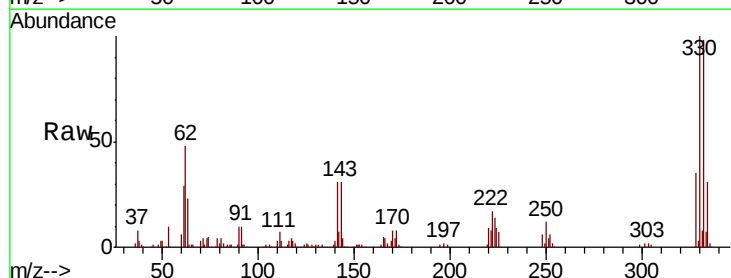
Instrument :
BNA_F
ClientSampleId :
PB131001BL

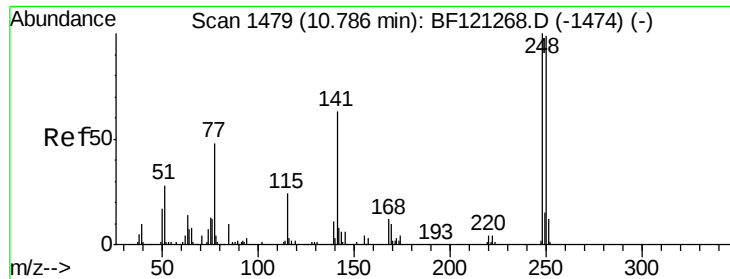
Tot Ion:188 Resp: 361694
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.1 7.0 10.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.049 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.18 min
Lab File: BF121301.D
Acq: 17 Aug 2020 10:31

Tgt Ion:198 Resp: 295
Ion Ratio Lower Upper
198 100
51 164.4 29.1 69.1#
105 191.4 28.5 68.5#

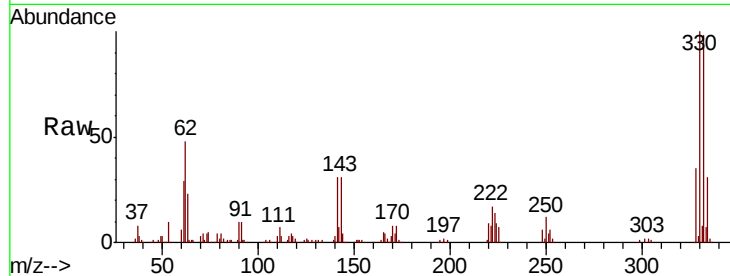




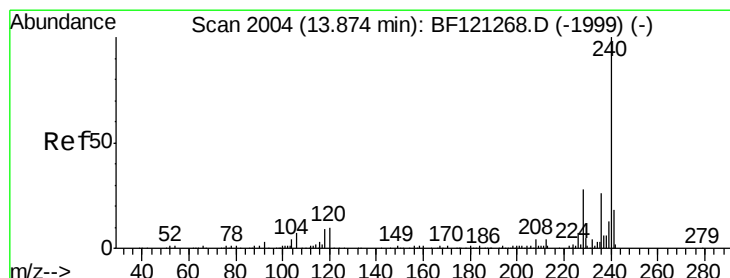
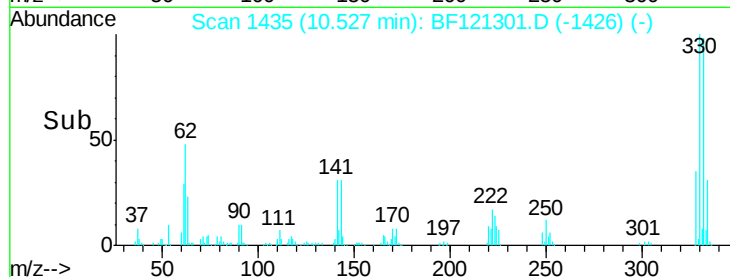
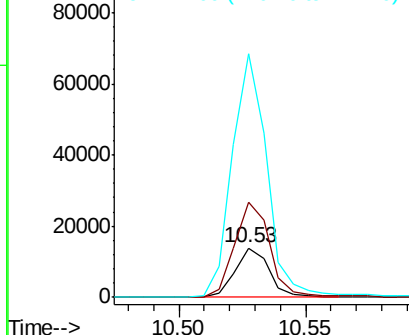
#67
 4-Bromophenyl-phenylether
 Concen: 3.054 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.25 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BL

Tot Ion:248 Resp: 12884
 Ion Ratio Lower Upper
 248 100
 250 194.3 77.4 116.0#
 141 495.7 48.9 73.3#

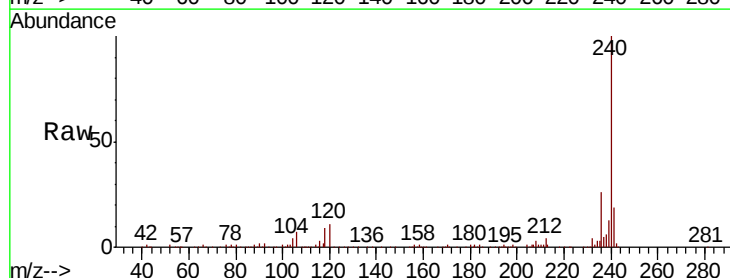


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

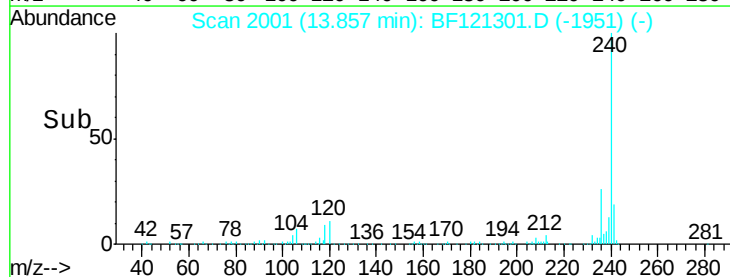
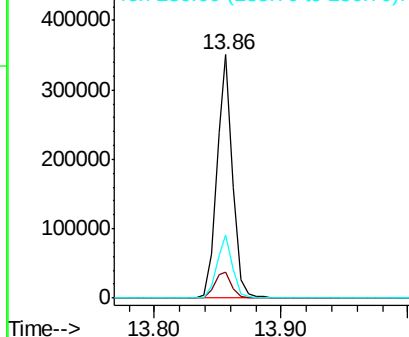


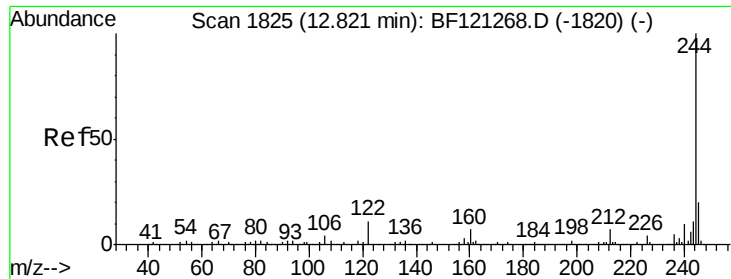
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Tgt Ion:240 Resp: 302773
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.9 21.2 31.8



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

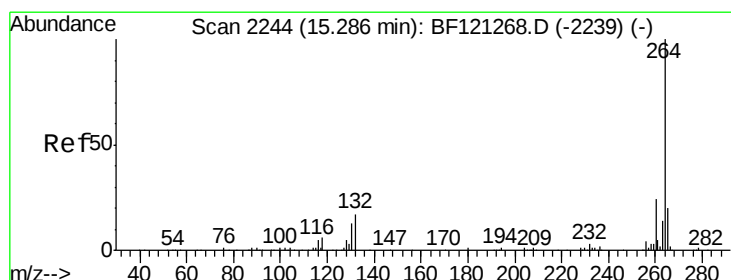
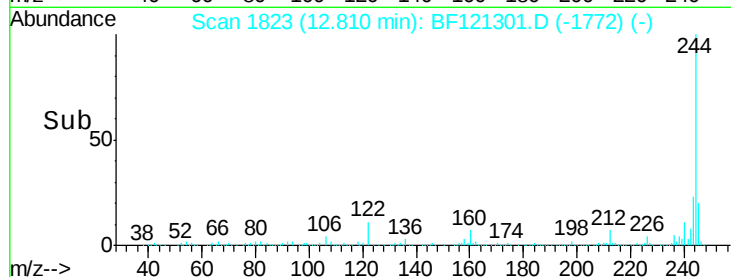
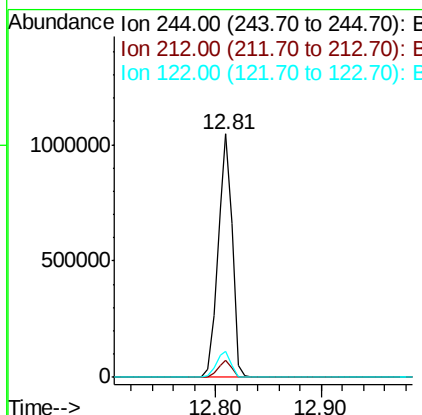
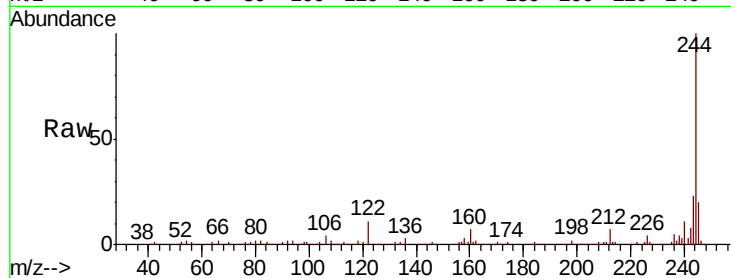




#79
 Terphenyl-d14
 Concen: 63.889 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131001BL

Tot Ion:244 Resp: 992323
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BF121301.D
 Acq: 17 Aug 2020 10:31

Tgt Ion:264 Resp: 291947
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 21.2 17.1 25.7

