

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121623.D
 Acq On : 21 Sep 2020 13:10
 Operator : JU/CG
 Sample : PB131730BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BL

Quant Time: Sep 21 14:26:43 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

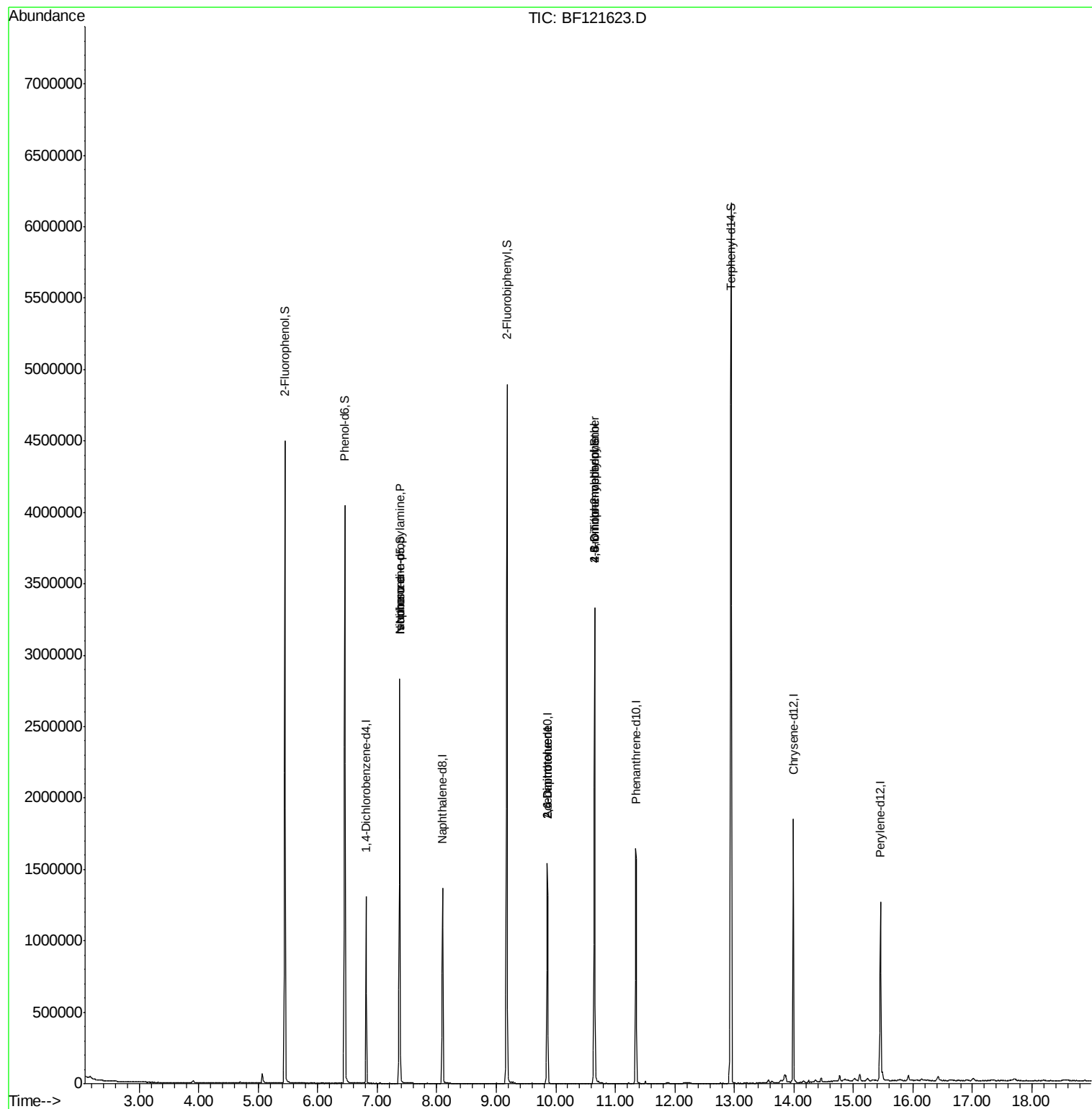
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	175331	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	681859	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	358537	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	681455	20.00	ng	0.00
76) Chrysene-d12	13.99	240	627715	20.00	ng	0.00
86) Perylene-d12	15.46	264	591289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1299893	110.18	ng	0.02
7) Phenol-d6	6.46	99	1673692	108.13	ng	0.00
23) Nitrobenzene-d5	7.38	82	1170511	92.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	570949	128.13	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2008940	84.86	ng	0.00
79) Terphenyl-d14	12.95	244	2294137	74.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	157475	17.653	ng	# 81
25) Isophorone	7.38	82	1160389	45.391	ng	# 67
51) 2,6-Dinitrotoluene	9.86	165	45743	8.266	ng	# 23
57) 2,4-Dinitrotoluene	9.86	165	45743	6.570	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	1046	7.067	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	32652	4.208	ng	# 1

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

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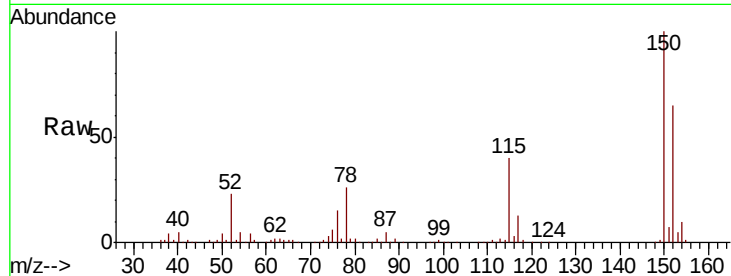


#1

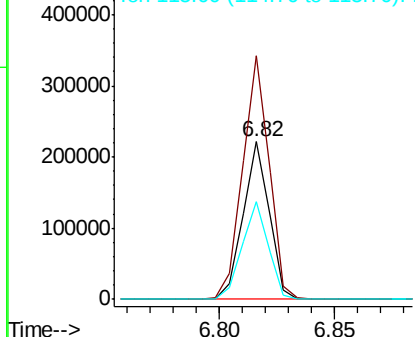
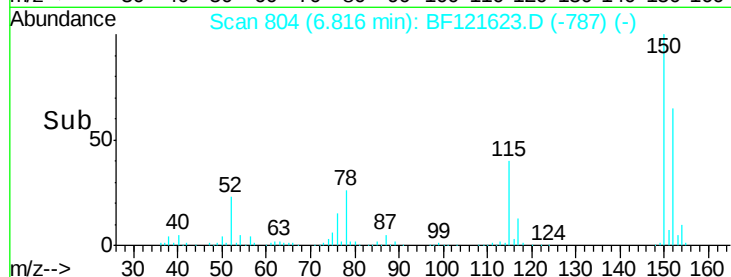
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB131730BL

Tot Ion:152 Resp: 175331
 Ion Ratio Lower Upper
 152 100
 150 154.8 128.1 192.1
 115 62.0 52.6 79.0



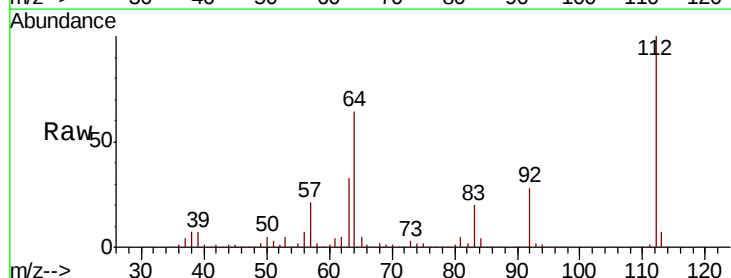
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



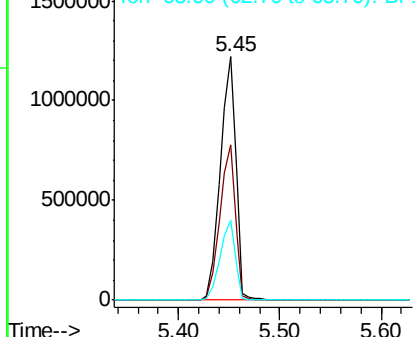
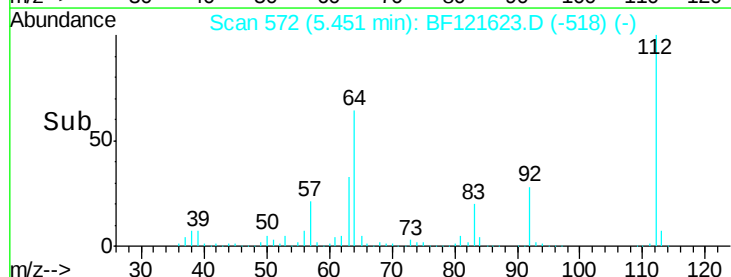
#5

2-Fluorophenol
 Concen: 110.180 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.02 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion:112 Resp: 1299893
 Ion Ratio Lower Upper
 112 100
 64 63.6 52.2 78.2
 63 32.8 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: 108.133 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121623.D

Acq: 21 Sep 2020 13:10

Instrument :

BNA_F

ClientSampleId :

PB131730BL

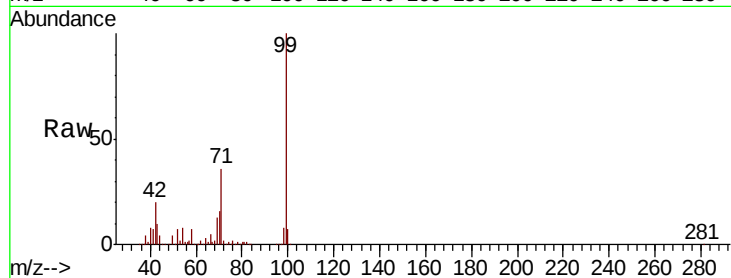
Tot Ion: 99 Resp: 1673692

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

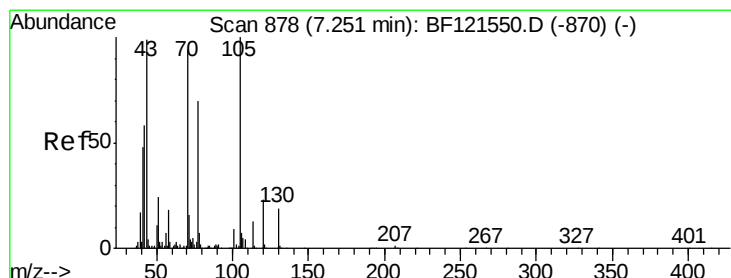
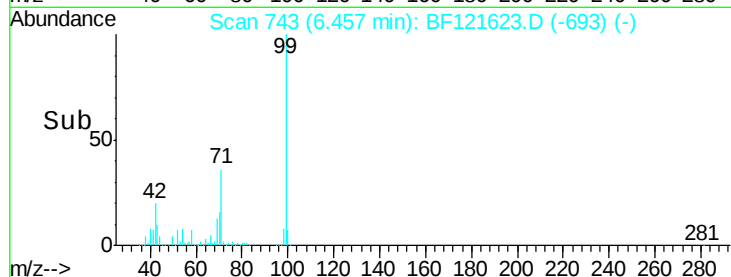
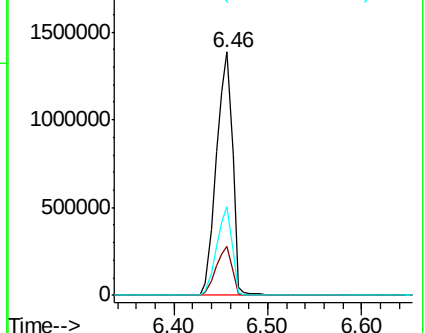
71 36.3 27.4 41.2



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: 17.653 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF121623.D

Acq: 21 Sep 2020 13:10

Tgt Ion: 70 Resp: 157475

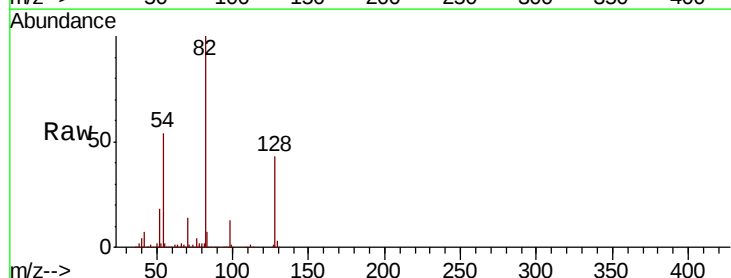
Ion Ratio Lower Upper

70 100

42 51.6 48.3 72.5

101 0.0 7.6 11.4#

130 2.1 15.9 23.9#

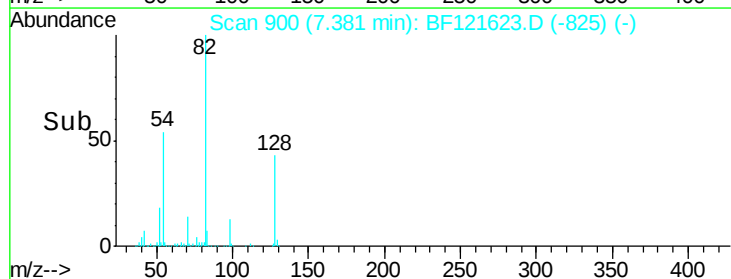
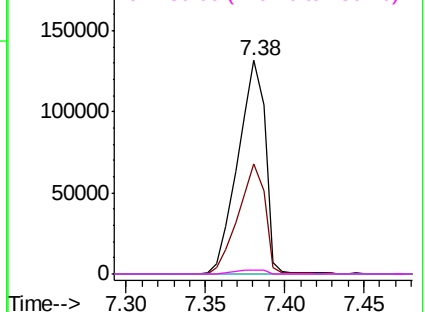


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

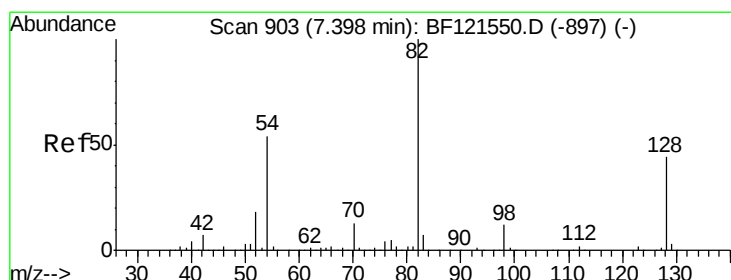
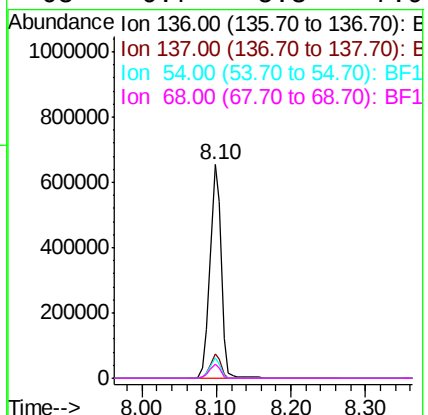
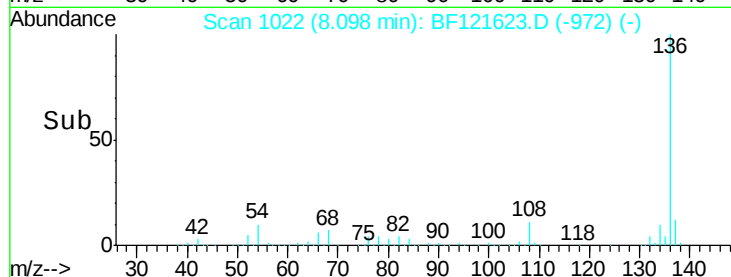
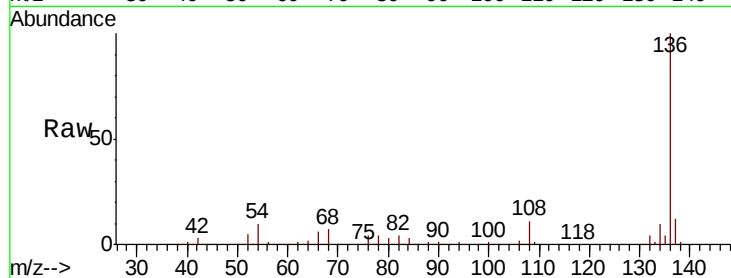




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

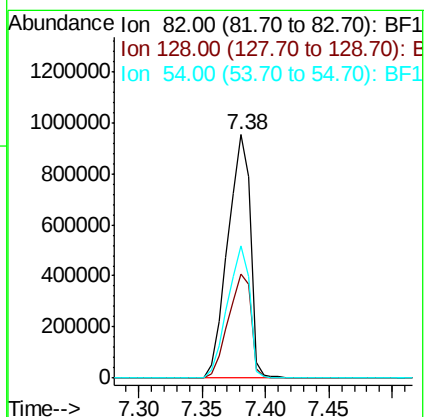
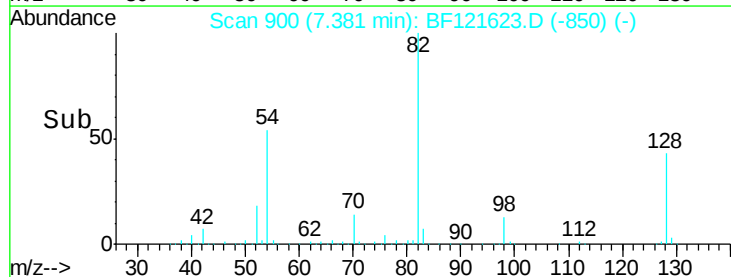
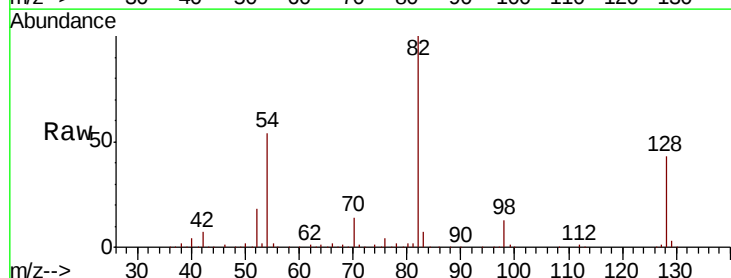
Instrument :
BNA_F
ClientSampleId :
PB131730BL

Tot Ion:136	Resp:	681859	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	8.9	13.3	
54 9.8	7.4	11.0	
68 6.7	5.3	7.9	



#23
Nitrobenzene-d5
Concen: 92.170 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

Tgt Ion: 82	Resp: 1170511
Ion Ratio	Lower Upper
82 100	
128 43.0	33.9 50.9
54 54.2	42.9 64.3





#25

Isophorone

Concen: 45.391 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF121623.D

Acq: 21 Sep 2020 13:10

Instrument :

BNA_F

ClientSampleId :

PB131730BL

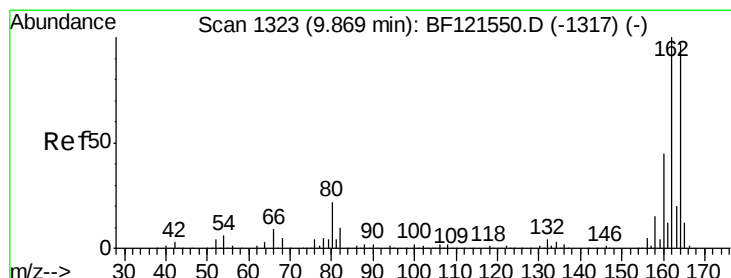
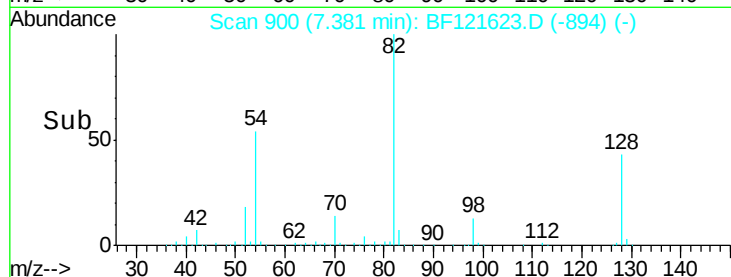
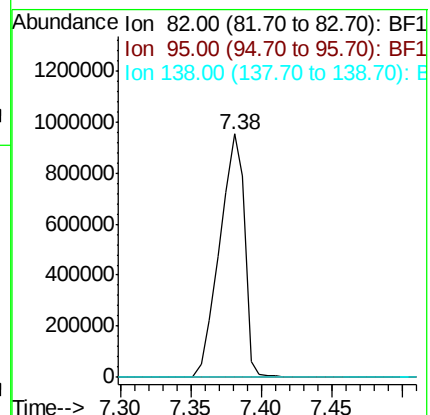
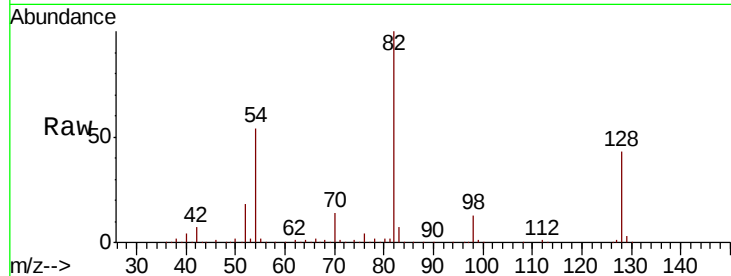
Tot Ion: 82 Resp: 1160389

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121623.D

Acq: 21 Sep 2020 13:10

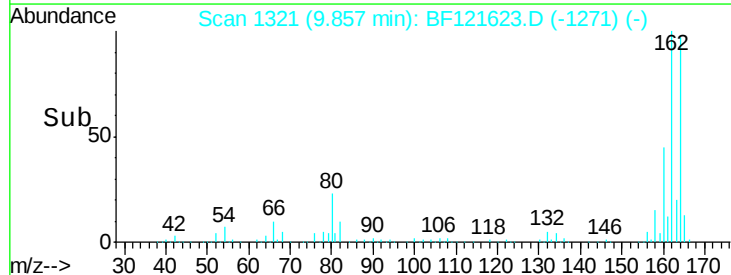
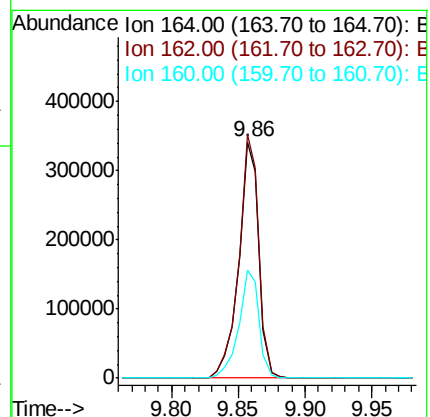
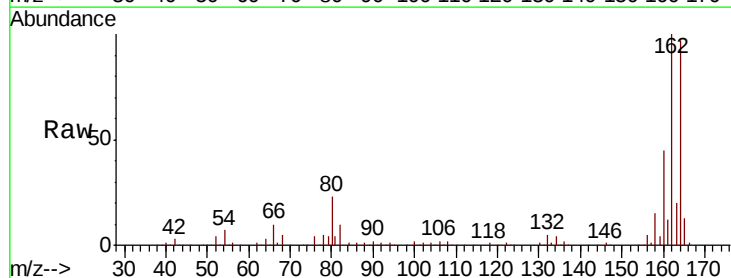
Tgt Ion: 164 Resp: 358537

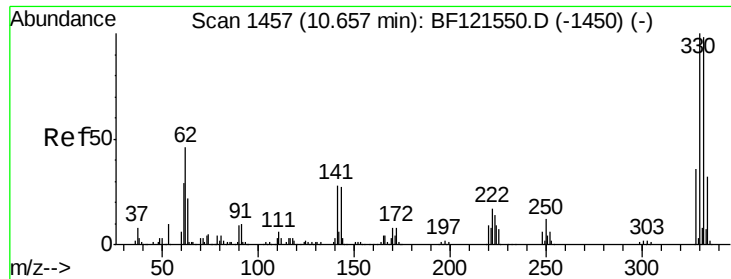
Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

160 45.9 36.2 54.4

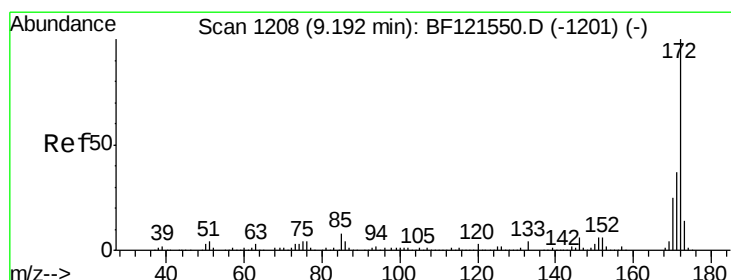
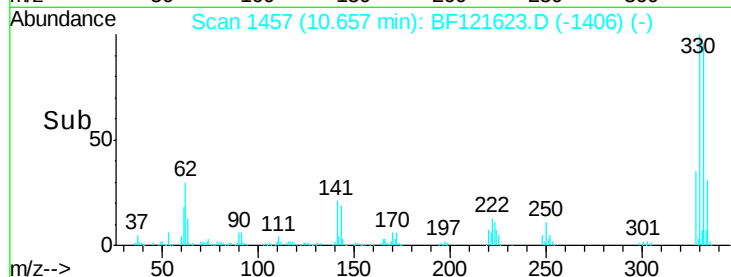
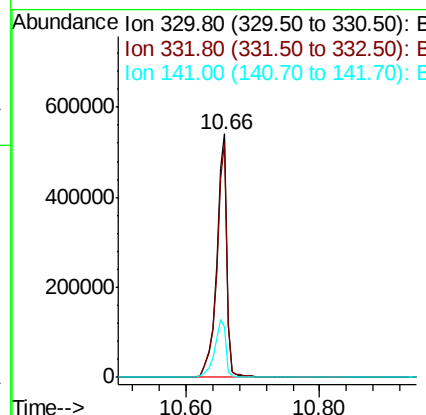
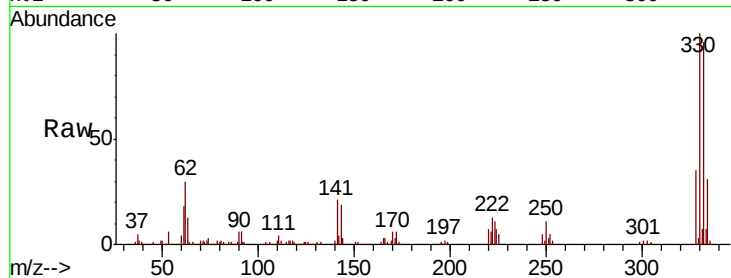




#42
 2,4,6-Tribromophenol
 Concen: 128.127 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

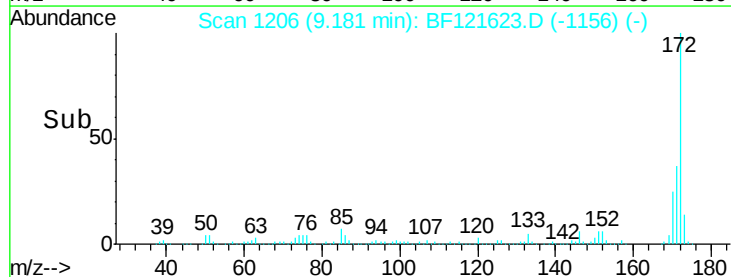
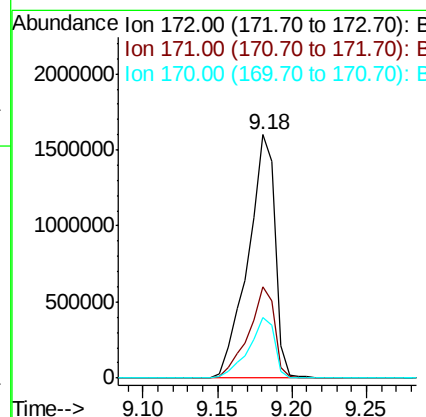
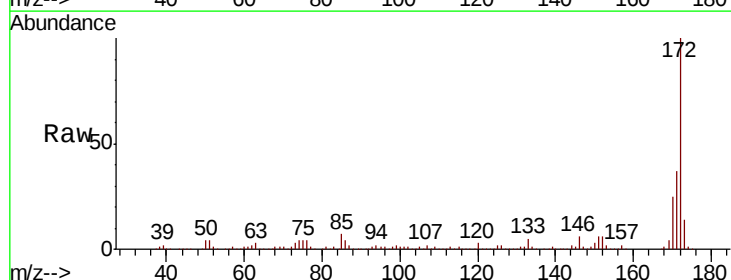
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BL

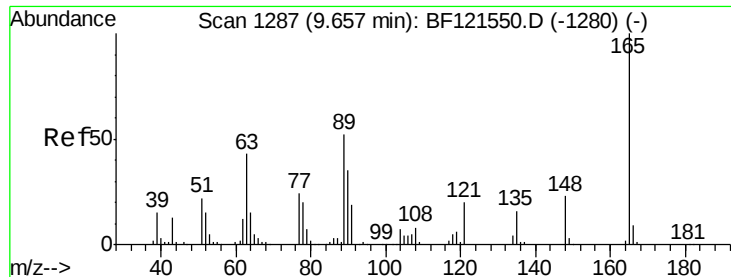
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	26.6	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 84.862 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.3	43.9
170	24.8	19.5	29.3

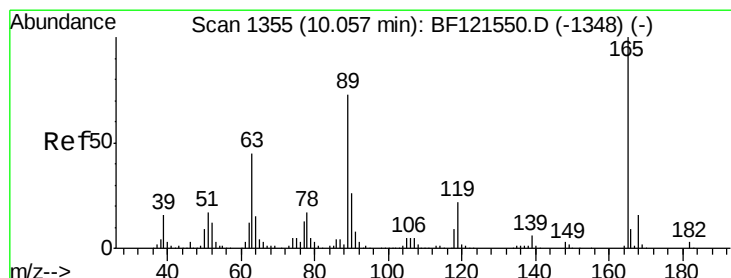
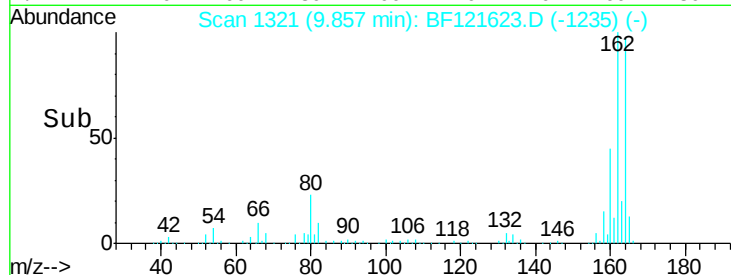
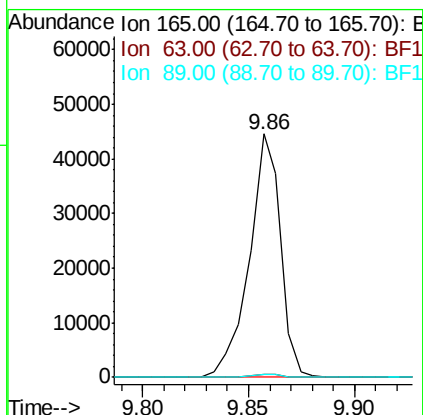
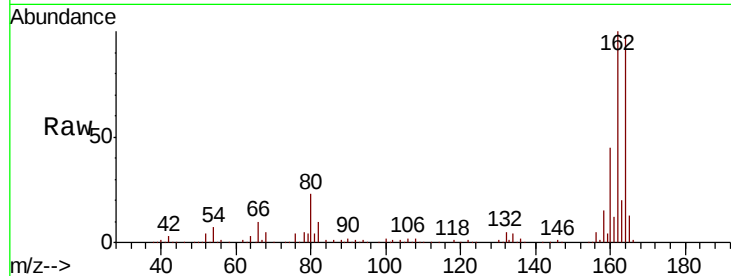




#51
 2,6-Dinitrotoluene
 Concen: 8.266 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

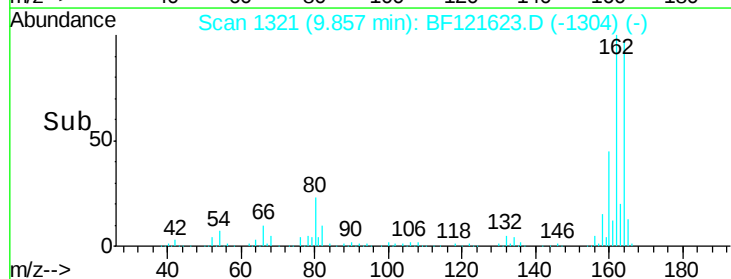
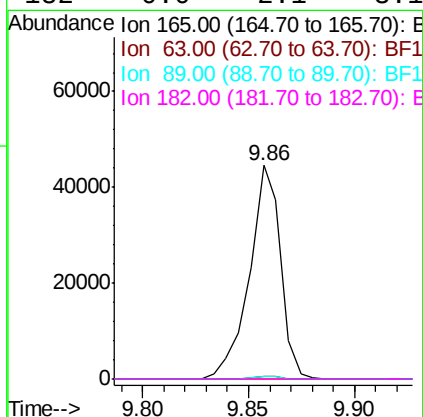
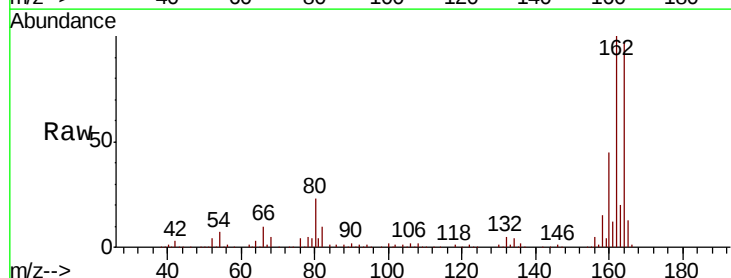
Instrument :
 BNA_F
 ClientSampleId :
 PB131730BL

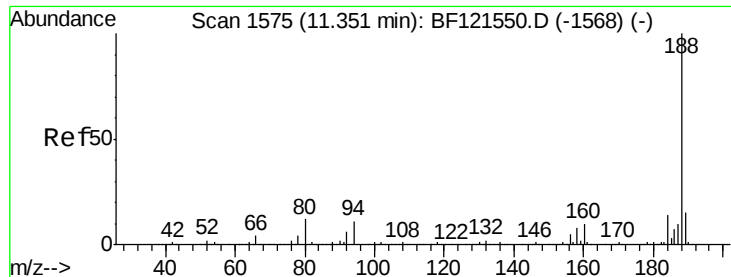
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	47.6	71.4#
89	1.3	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.570 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.3	57.7	86.5#
182	0.0	2.1	3.1#

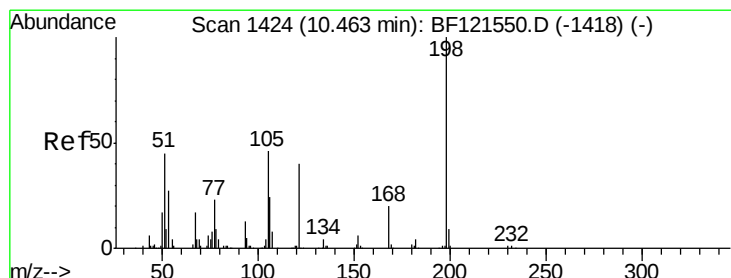
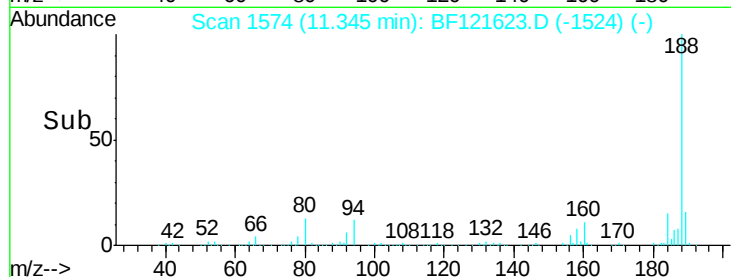
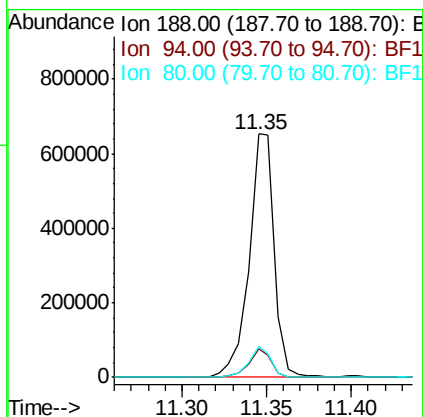
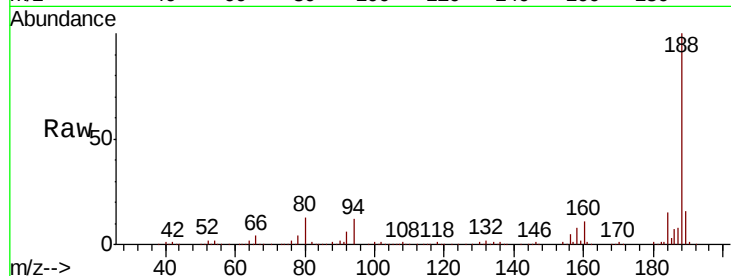




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

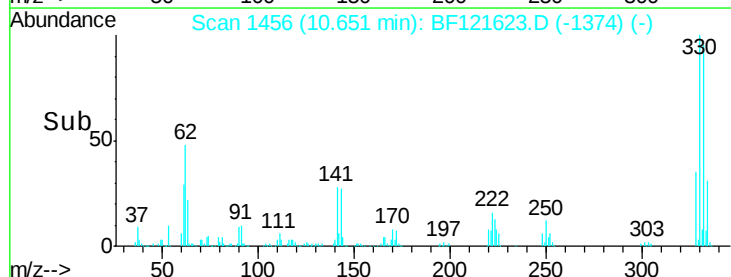
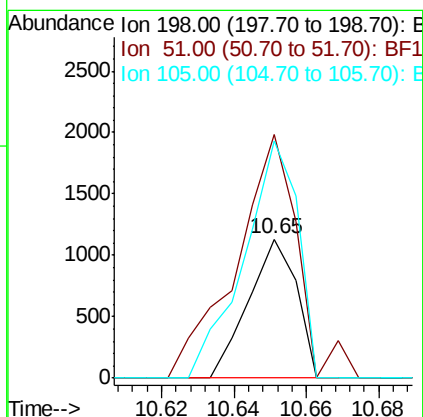
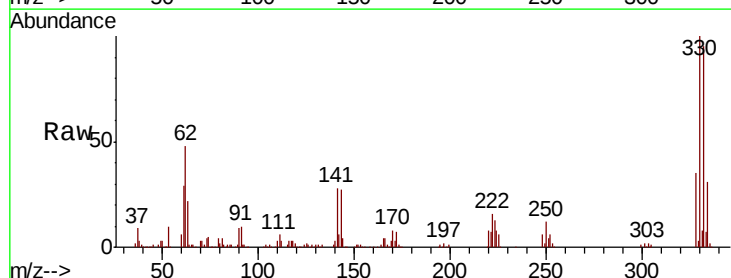
Instrument :
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 PB131730BL

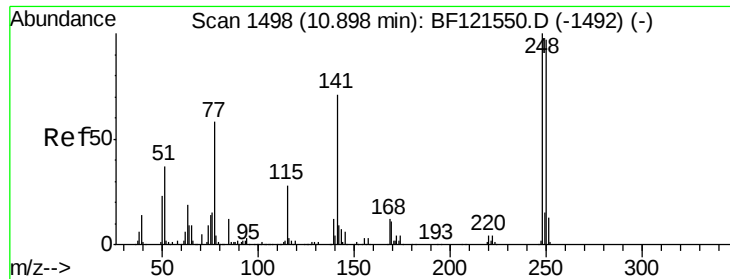
Tot Ion:188 Resp: 681455
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.4 12.6
 80 12.7 9.0 13.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.067 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.18 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion:198 Resp: 1046
 Ion Ratio Lower Upper
 198 100
 51 175.0 20.3 60.3#
 105 170.2 20.2 60.2#

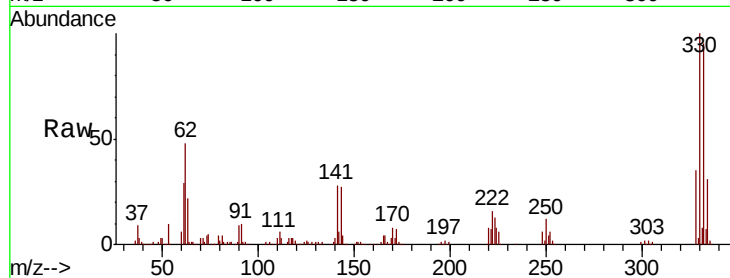




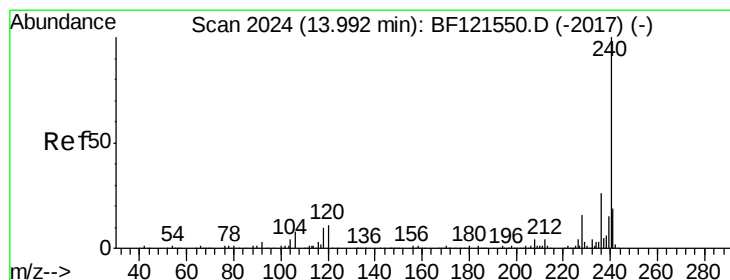
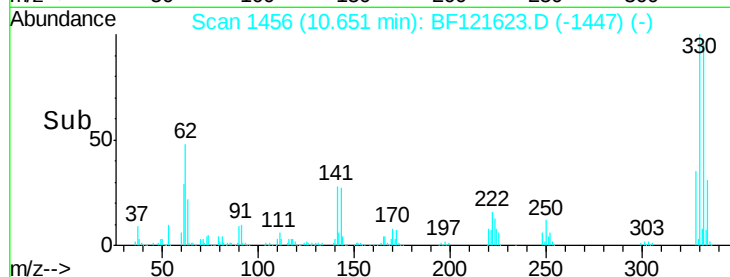
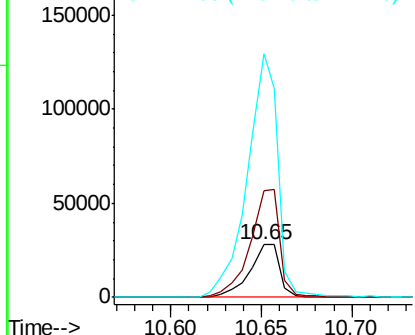
#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB131730BL

Tot Ion:248 Resp: 32652
Ion Ratio Lower Upper
248 100
250 201.4 79.4 119.0#
141 461.2 52.2 78.4#

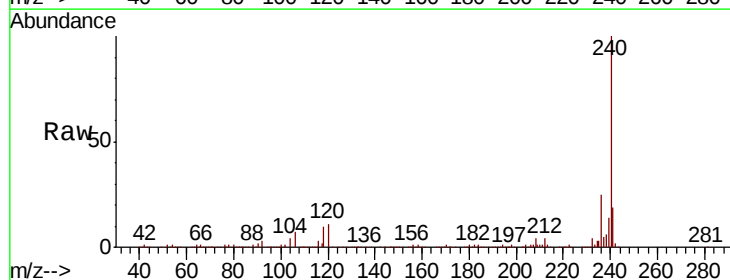


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

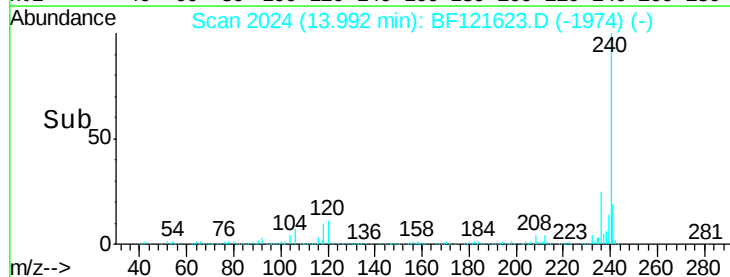
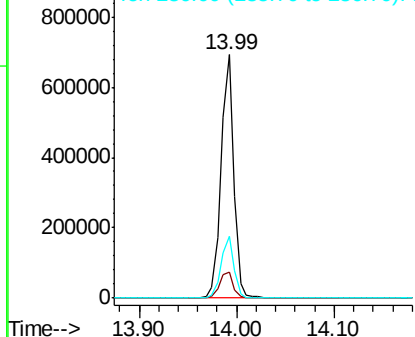


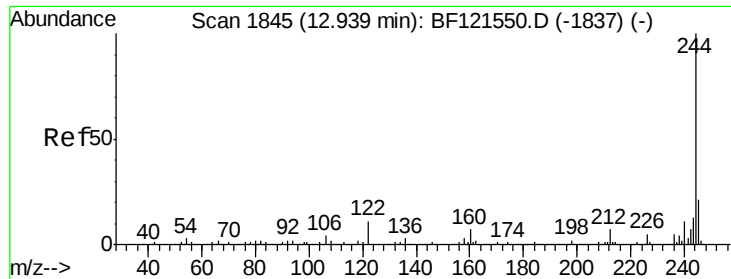
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121623.D
Acq: 21 Sep 2020 13:10

Tgt Ion:240 Resp: 627715
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.3 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

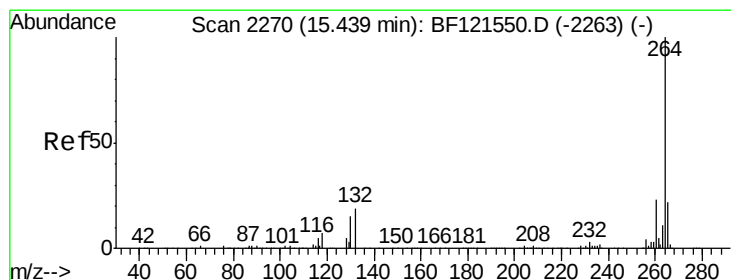
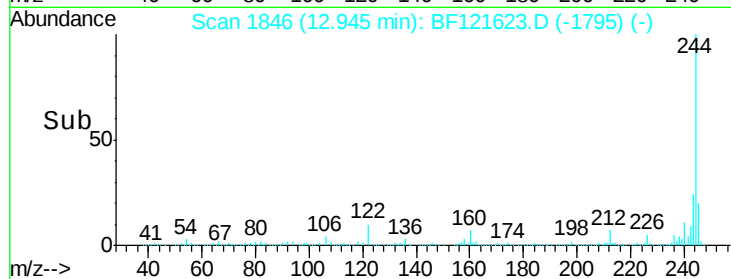
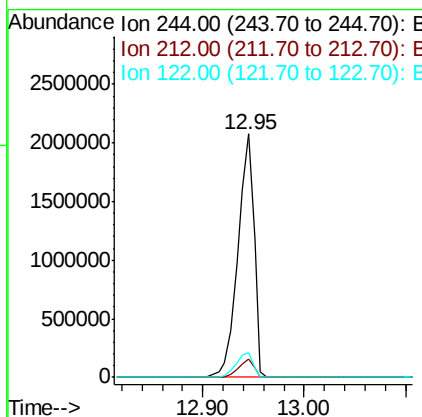
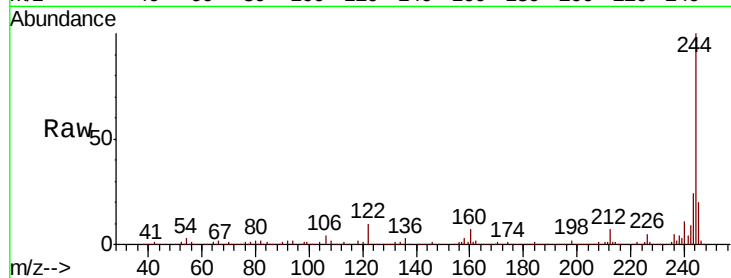




#79
 Terphenyl-d14
 Concen: 74.042 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Instrument :
 BNA_F
 ClientSampleID :
 PB131730BL

Tot Ion:244 Resp: 2294137
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF121623.D
 Acq: 21 Sep 2020 13:10

Tgt Ion:264 Resp: 591289
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.1 17.3 25.9

