

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121679.D
 Acq On : 24 Sep 2020 13:31
 Operator : JU/CG
 Sample : PB131864BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131864BL

Quant Time: Sep 24 14:10:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

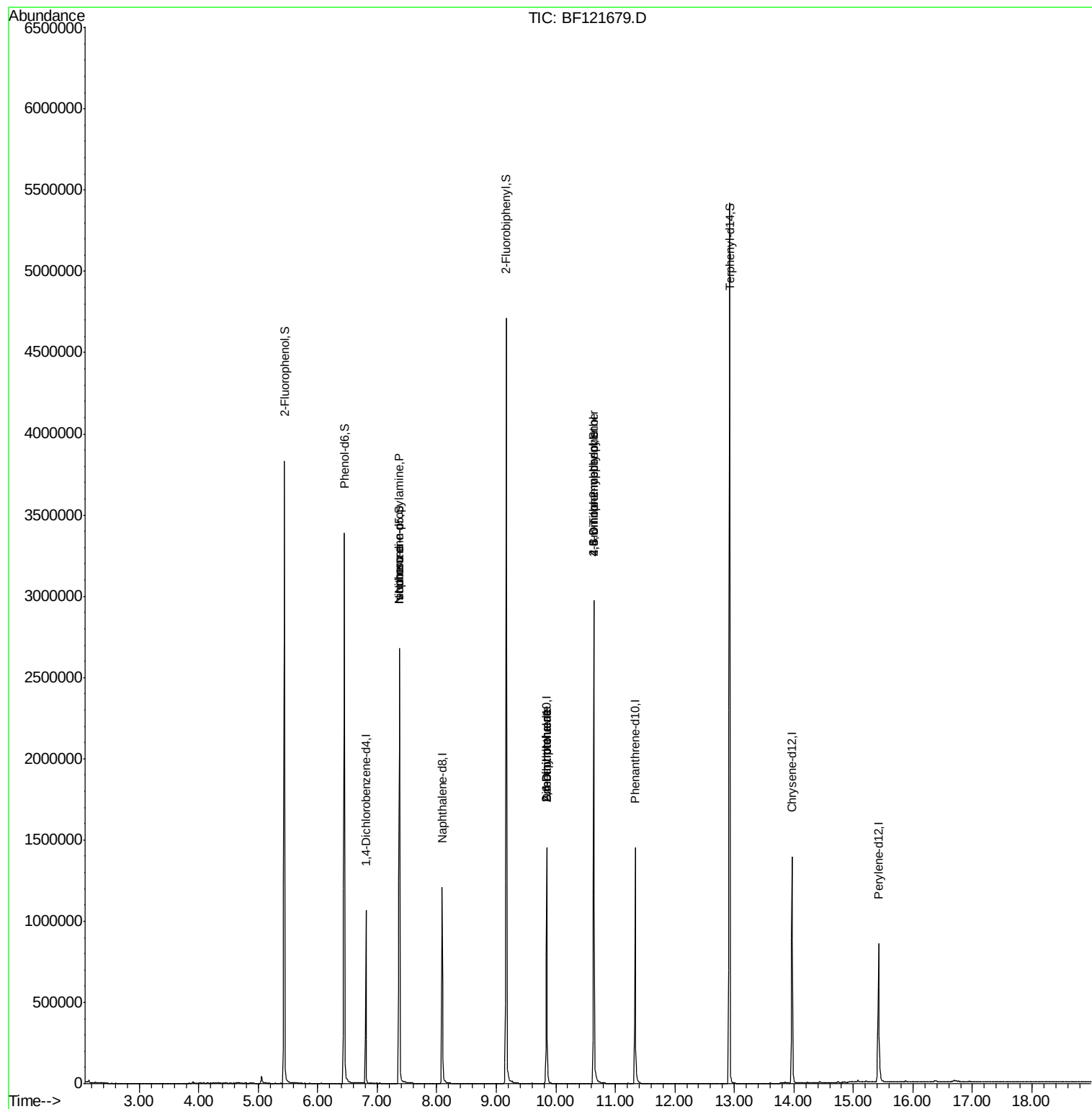
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156475	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	614756	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	315659	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	607881	20.00	ng	0.00
76) Chrysene-d12	13.97	240	528797	20.00	ng	-0.01
86) Perylene-d12	15.42	264	456607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1092900	103.80	ng	0.01
7) Phenol-d6	6.45	99	1397625	101.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	964534	84.24	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	444460	113.29	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1667643	80.01	ng	0.00
79) Terphenyl-d14	12.92	244	1869945	71.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	130649	16.411	ng	# 80
25) Isophorone	7.37	82	945018	41.001	ng	# 67
50) Dimethylphthalate	9.85	163	59482	2.600	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	40050	8.220	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	40050	6.534	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.63	198	892	7.057	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	25694	3.712	ng	# 1

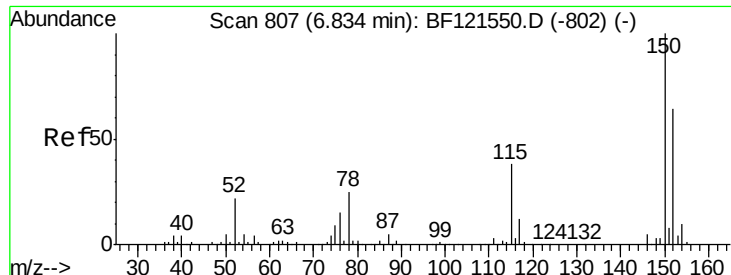
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration



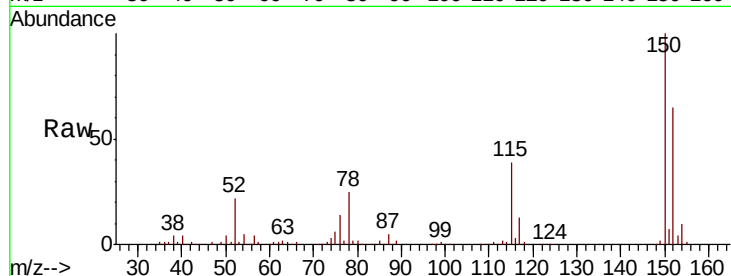


#1

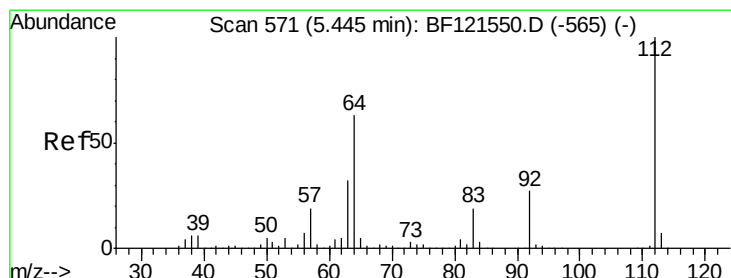
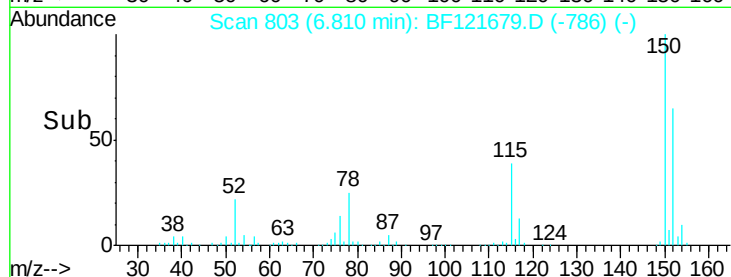
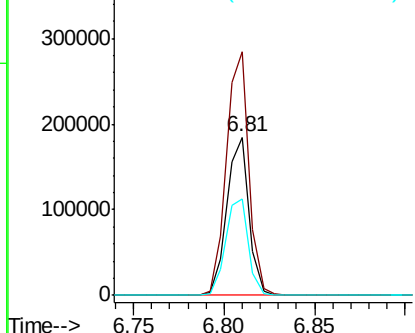
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

Instrument :
BNA_F
ClientSampleId :
PB131864BL

Tot Ion:152 Resp: 156475
Ion Ratio Lower Upper
152 100
150 154.1 128.1 192.1
115 60.7 52.6 79.0



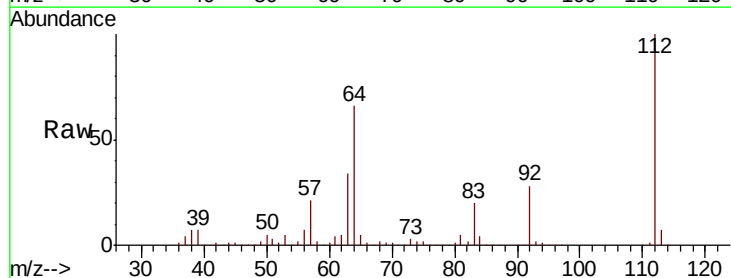
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



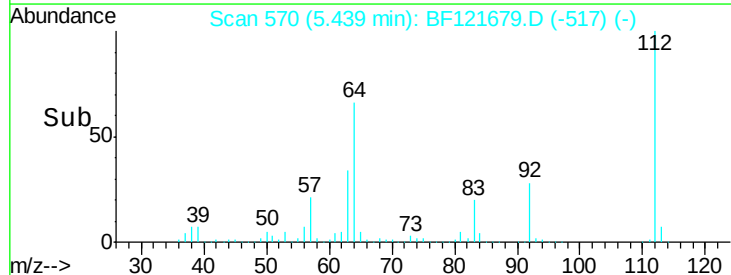
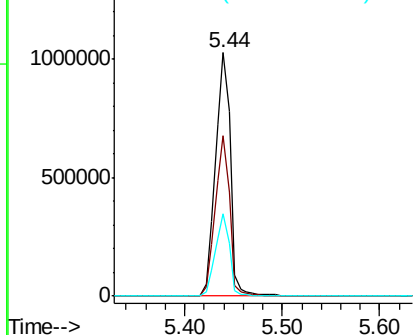
#5

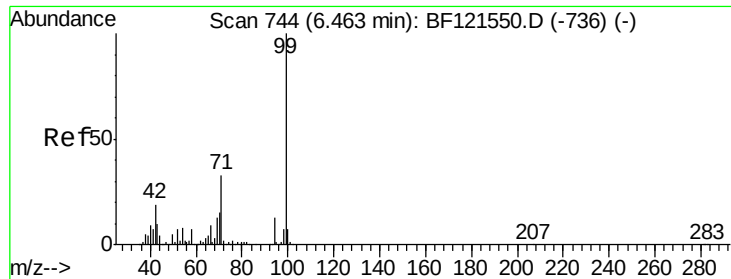
2-Fluorophenol
Concen: 103.798 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

Tgt Ion:112 Resp: 1092900
Ion Ratio Lower Upper
112 100
64 65.8 52.2 78.2
63 33.6 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: 101.178 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121679.D

Acq: 24 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

PB131864BL

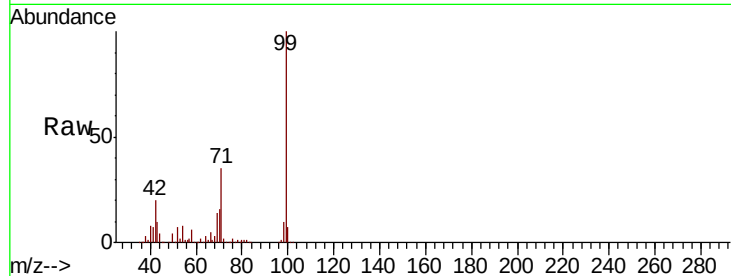
Tot Ion: 99 Resp: 1397625

Ion Ratio Lower Upper

99 100

42 19.5 15.5 23.3

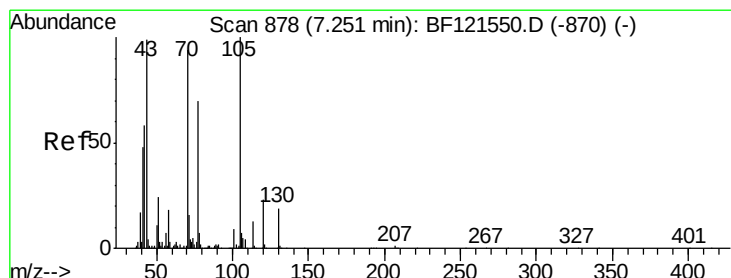
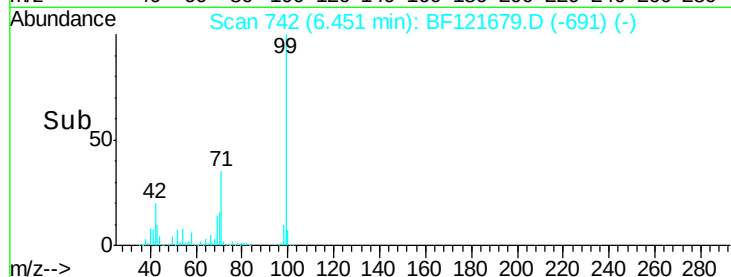
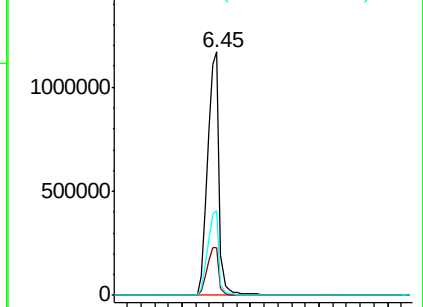
71 34.8 27.4 41.2



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: 16.411 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121679.D

Acq: 24 Sep 2020 13:31

Tgt Ion: 70 Resp: 130649

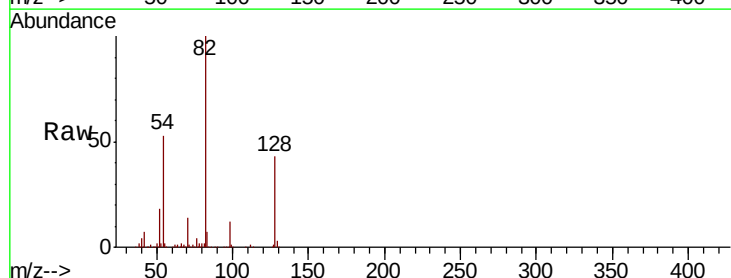
Ion Ratio Lower Upper

70 100

42 50.3 48.3 72.5

101 0.0 7.6 11.4#

130 1.8 15.9 23.9#

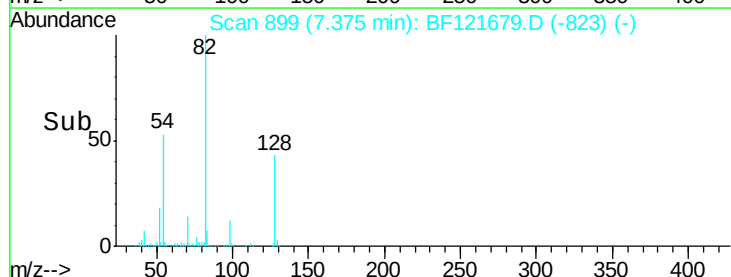
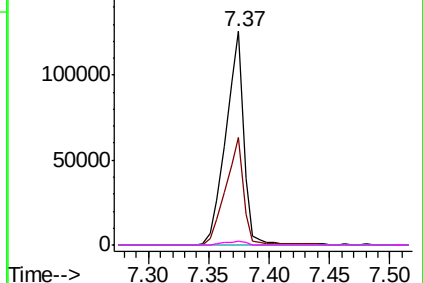


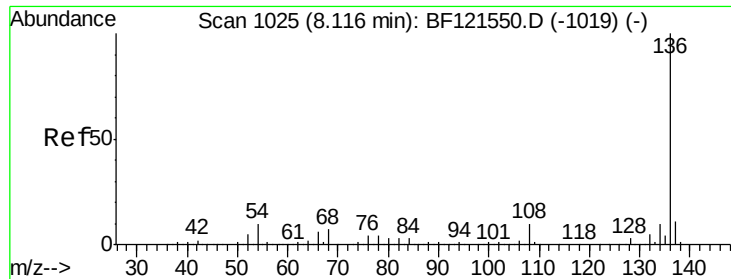
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

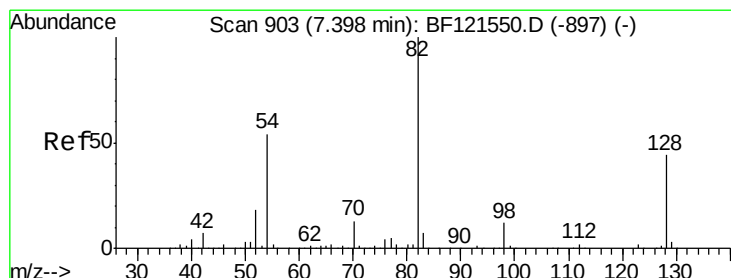
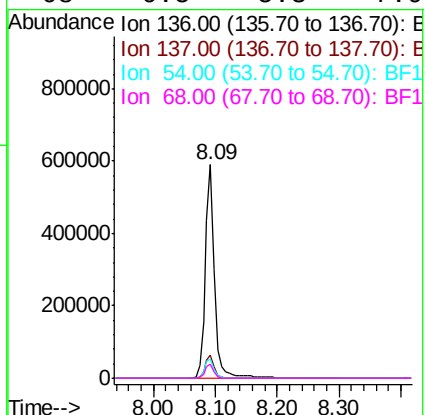
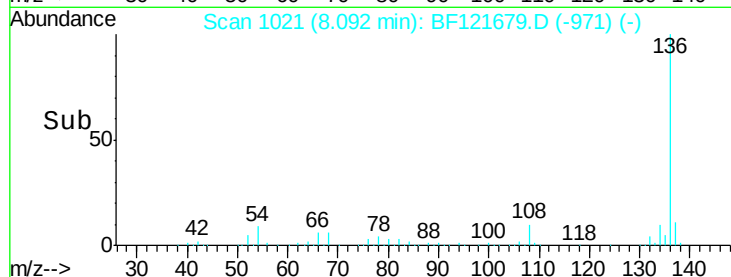
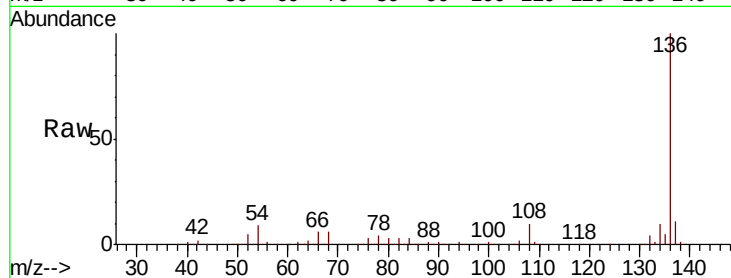




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

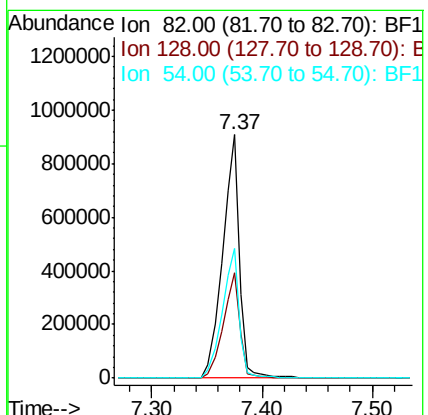
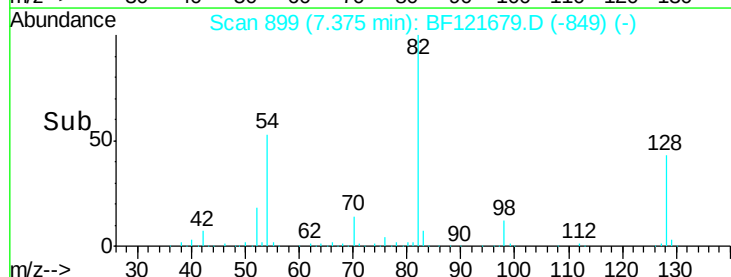
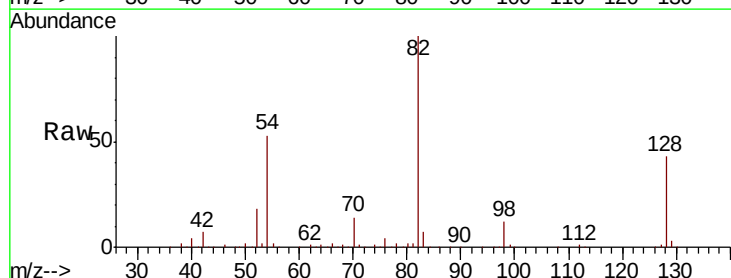
Instrument :
BNA_F
ClientSampleId :
PB131864BL

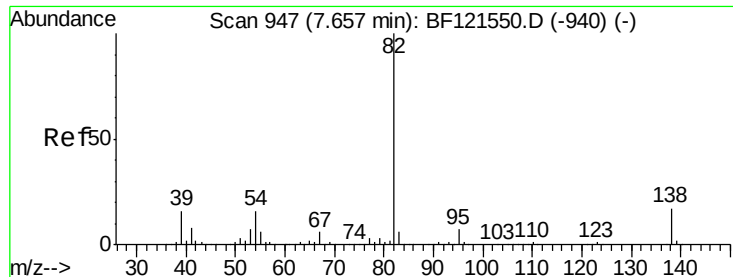
Tot Ion:136	Resp:	614756
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	9.1	7.4 11.0
68	6.5	5.3 7.9



#23
Nitrobenzene-d5
Concen: 84.241 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

Tgt Ion: 82	Resp:	964534
Ion	Ratio	Lower Upper
82	100	
128	43.2	33.9 50.9
54	53.2	42.9 64.3

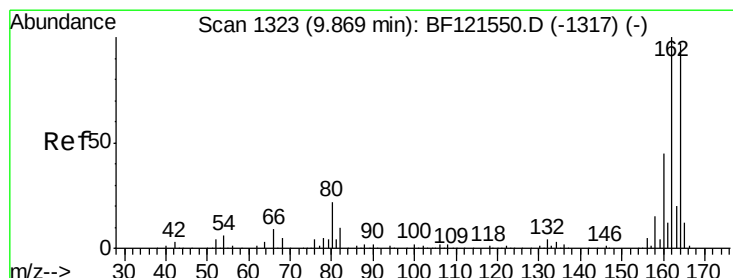
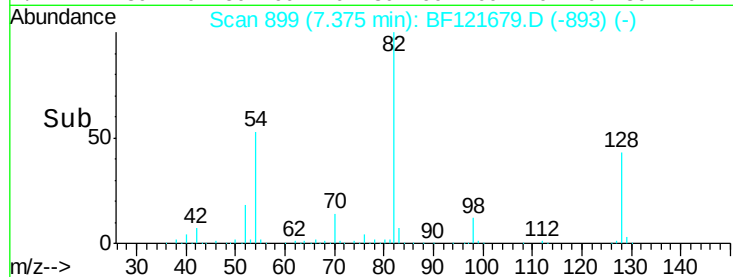
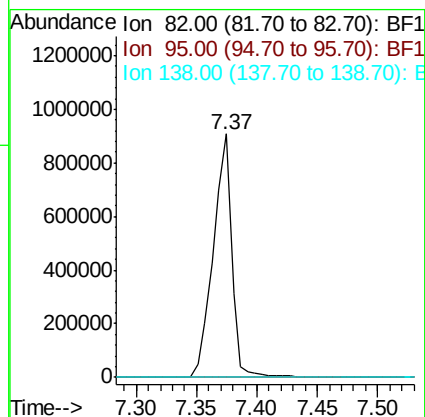
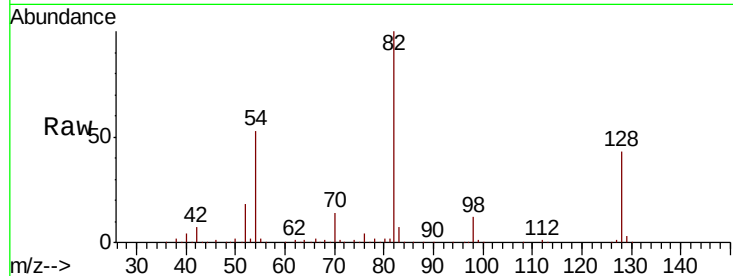




#25
Isophorone
Concen: 41.001 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

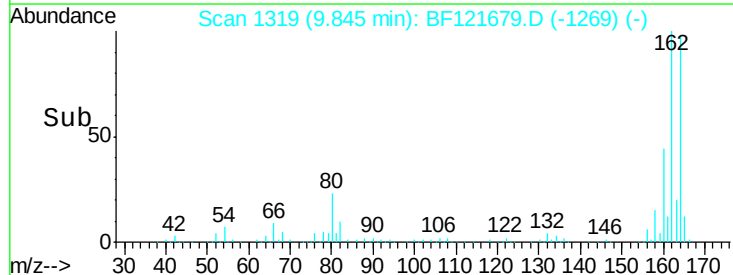
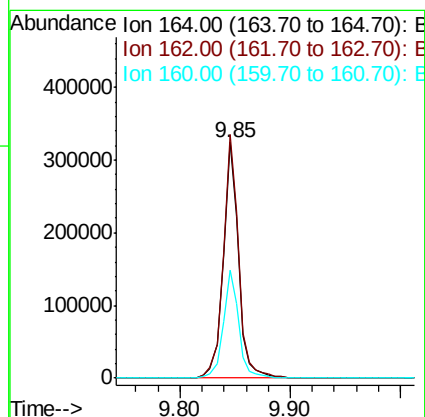
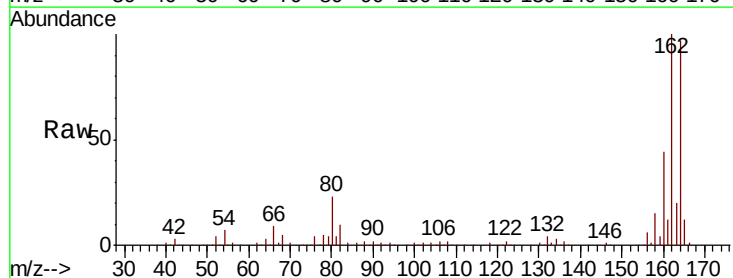
Instrument :
BNA_F
ClientSampleId :
PB131864BL

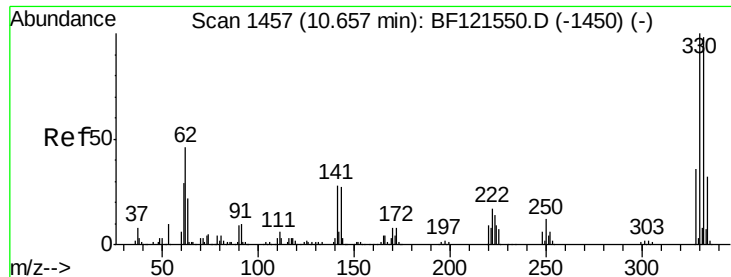
Tot Ion: 82 Resp: 945018
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

Tgt Ion: 164 Resp: 315659
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 46.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 113.290 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121679.D

Acq: 24 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

PB131864BL

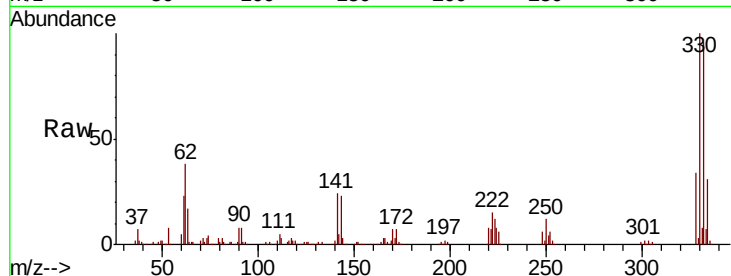
Tot Ion:330 Resp: 444460

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

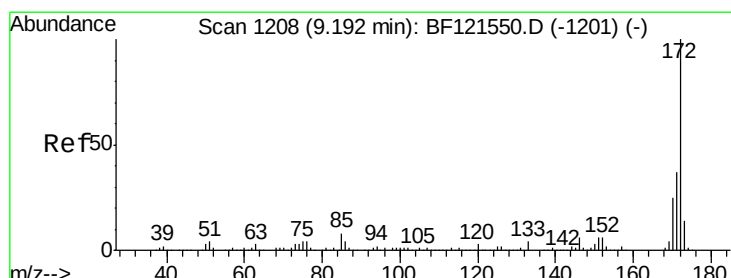
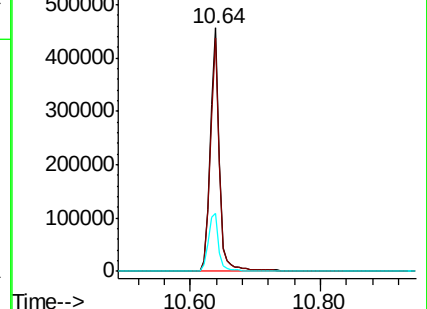
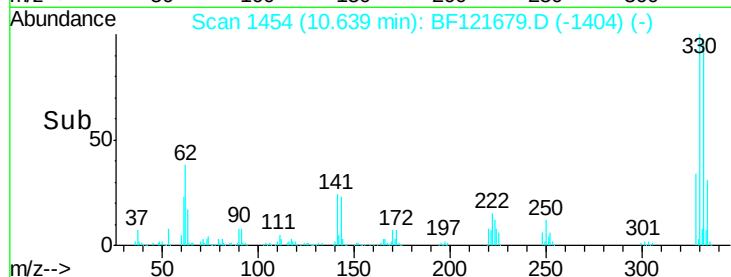
141 27.3 22.4 33.6



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: 80.013 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121679.D

Acq: 24 Sep 2020 13:31

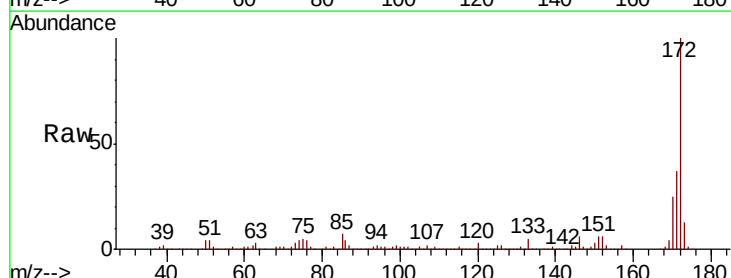
Tgt Ion:172 Resp: 1667643

Ion Ratio Lower Upper

172 100

171 36.8 29.3 43.9

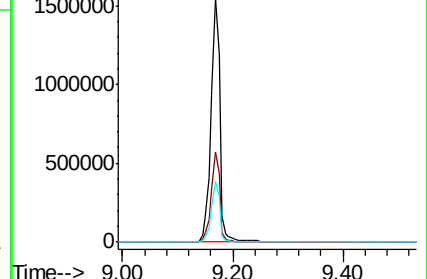
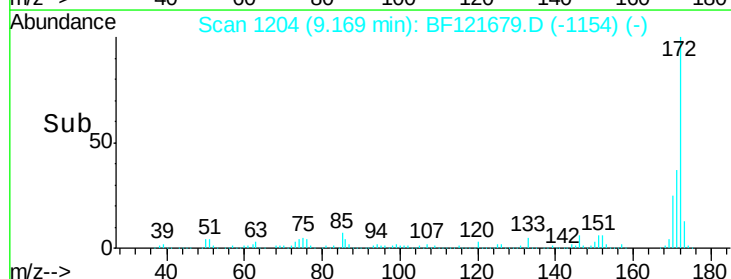
170 24.8 19.5 29.3

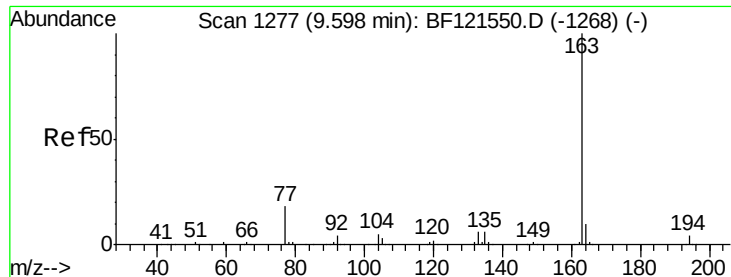


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.600 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.26 min

Lab File: BF121679.D

Acq: 24 Sep 2020 13:31

Instrument :

BNA_F

ClientSampleId :

PB131864BL

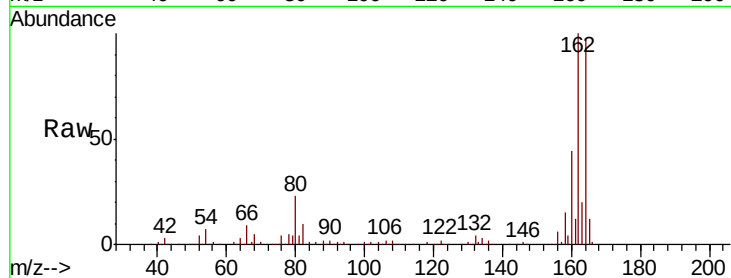
Tot Ion:163 Resp: 59482

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

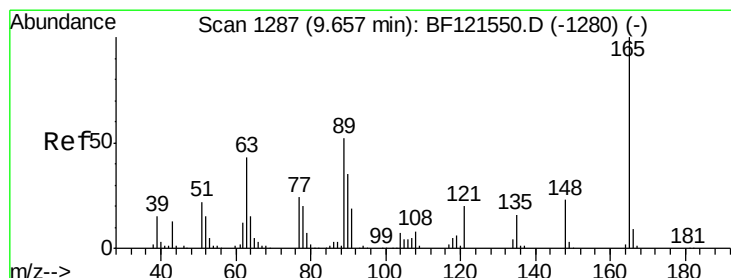
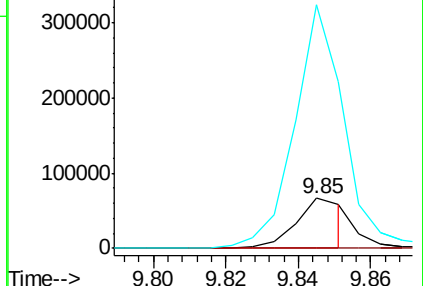
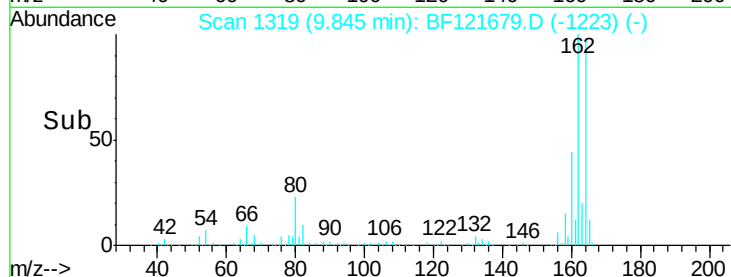
164 488.9 8.0 12.0#



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: 8.220 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF121679.D

Acq: 24 Sep 2020 13:31

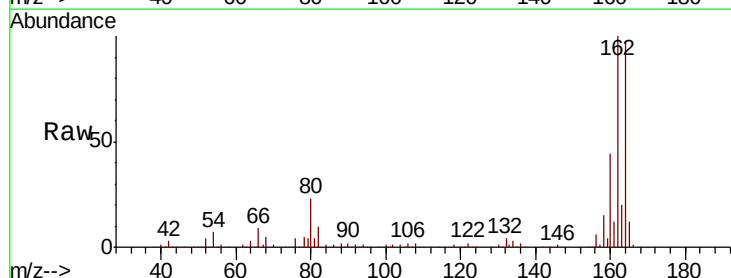
Tgt Ion:165 Resp: 40050

Ion Ratio Lower Upper

165 100

63 1.5 47.6 71.4#

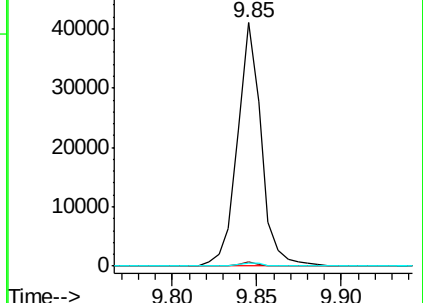
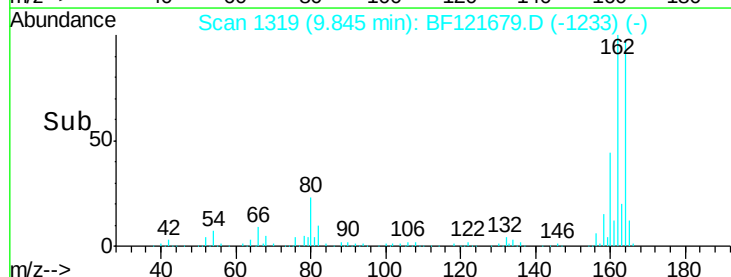
89 1.4 46.0 69.0#

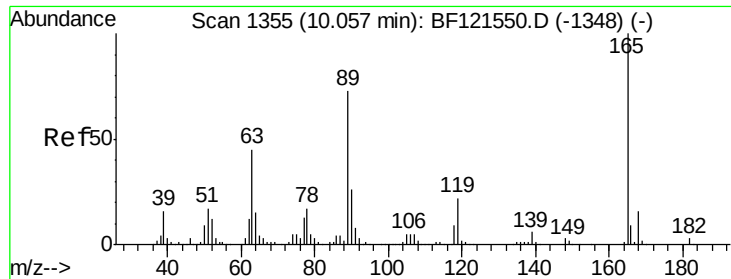


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

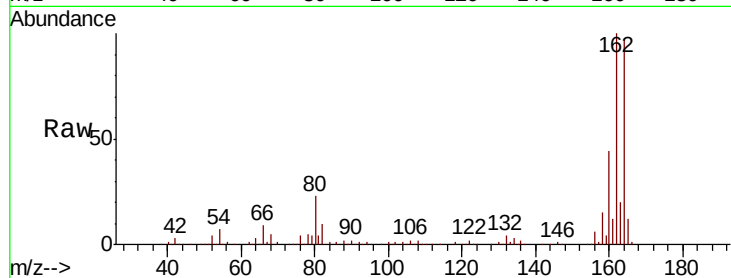




#57
 2,4-Dinitrotoluene
 Concen: 6.534 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121679.D
 Acq: 24 Sep 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131864BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.4	57.7	86.5#
182	0.0	2.1	3.1#



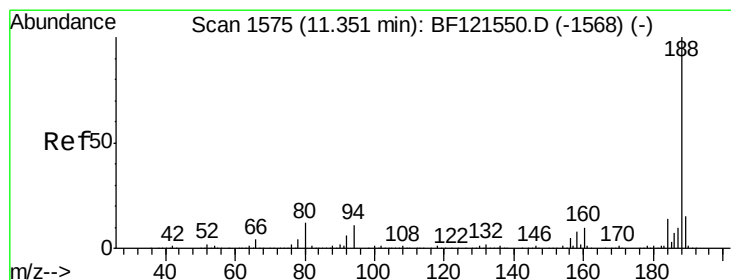
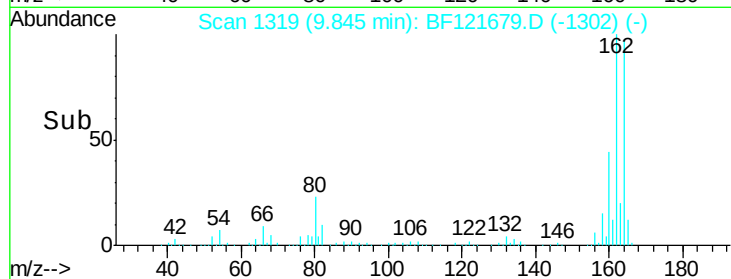
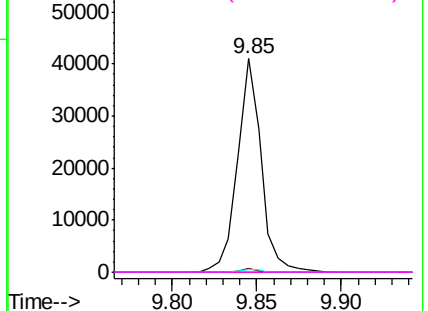
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

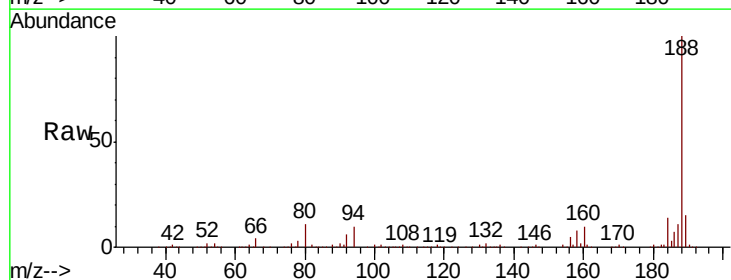
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121679.D
 Acq: 24 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.8	9.0	13.4

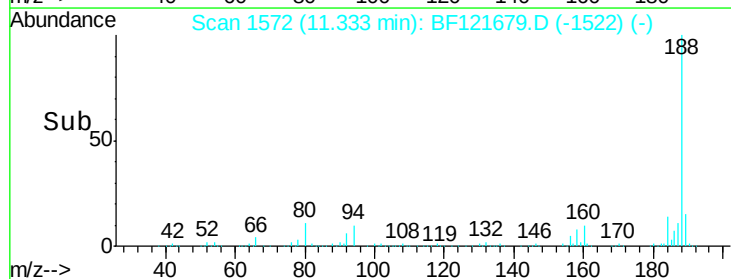
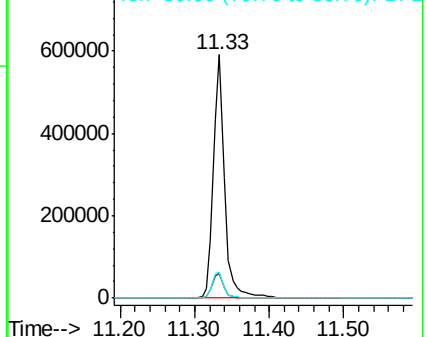


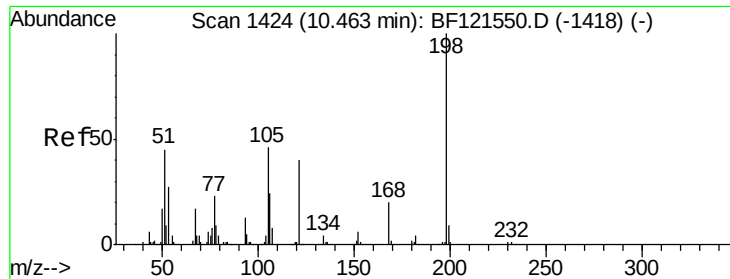
Abundance

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

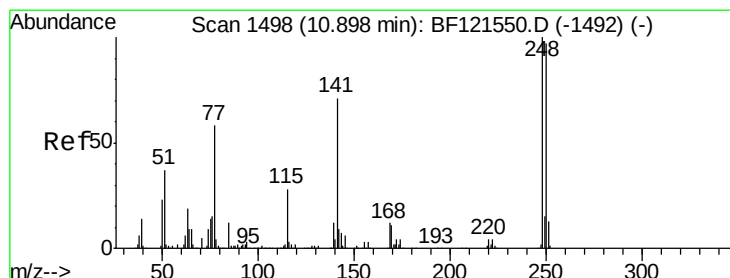
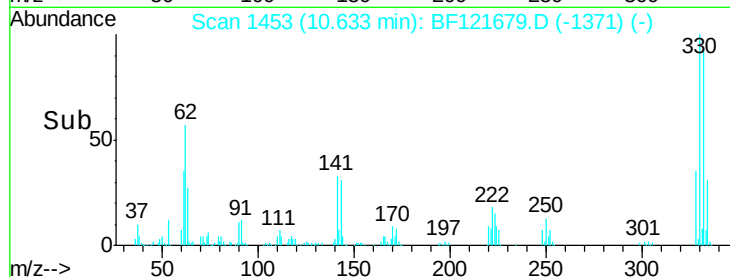
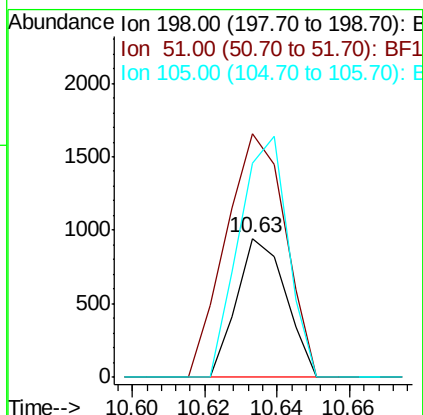
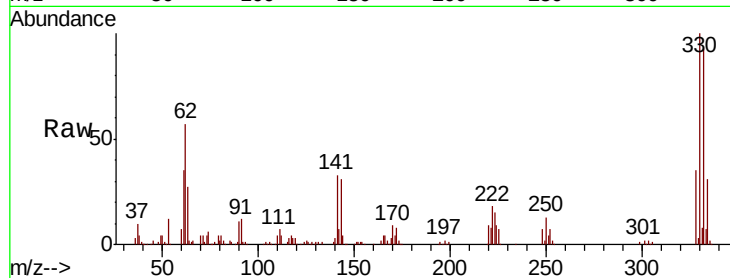




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.057 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF121679.D
 Acq: 24 Sep 2020 13:31

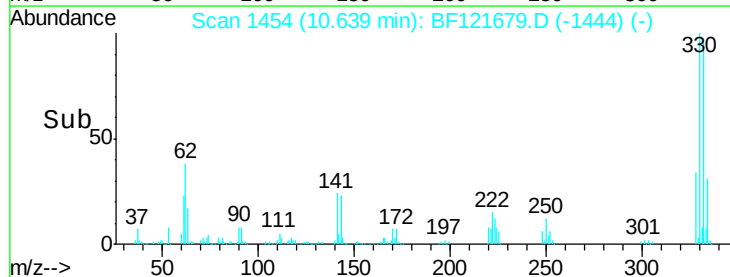
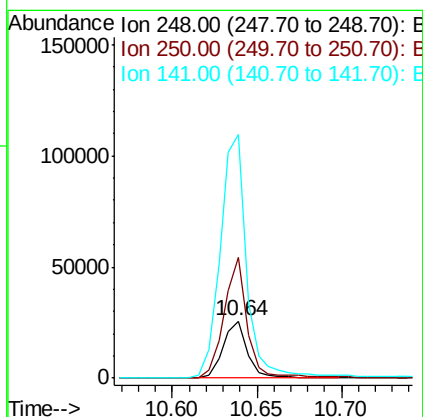
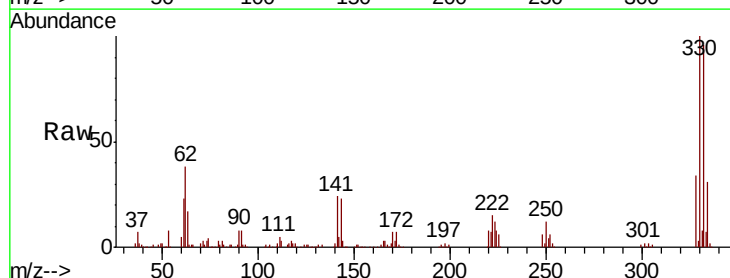
Instrument :
 BNA_F
 ClientSampleId :
 PB131864BL

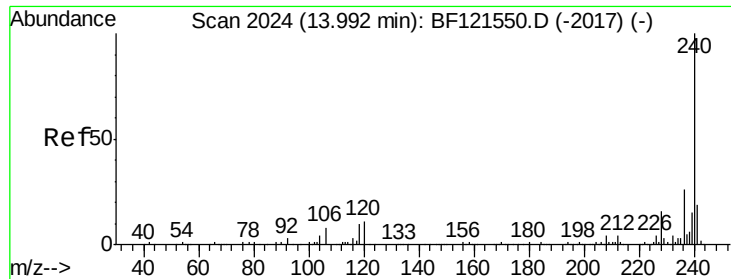
Tot Ion:198 Resp: 892
 Ion Ratio Lower Upper
 198 100
 51 174.9 20.3 60.3#
 105 154.0 20.2 60.2#



#67
 4-Bromophenyl-phenylether
 Concen: 3.712 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121679.D
 Acq: 24 Sep 2020 13:31

Tgt Ion:248 Resp: 25694
 Ion Ratio Lower Upper
 248 100
 250 209.8 79.4 119.0#
 141 425.1 52.2 78.4#

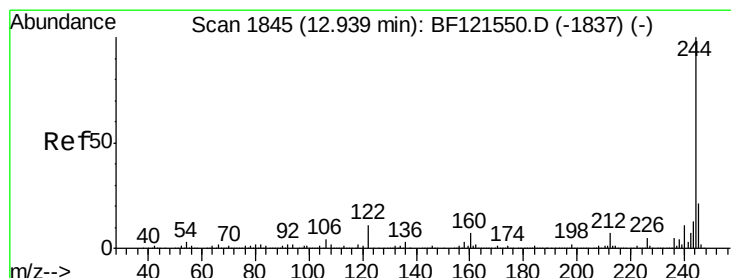
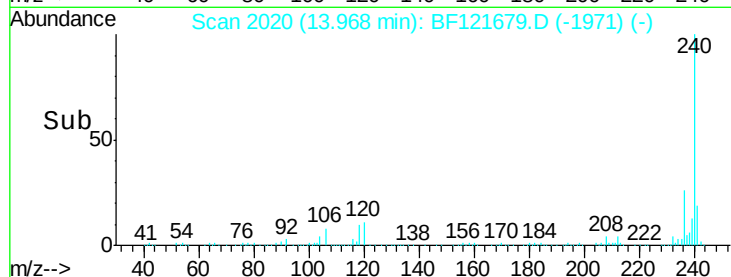
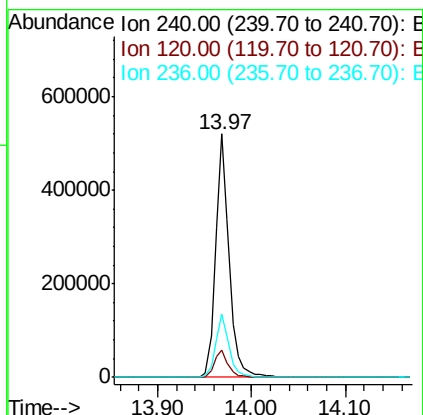
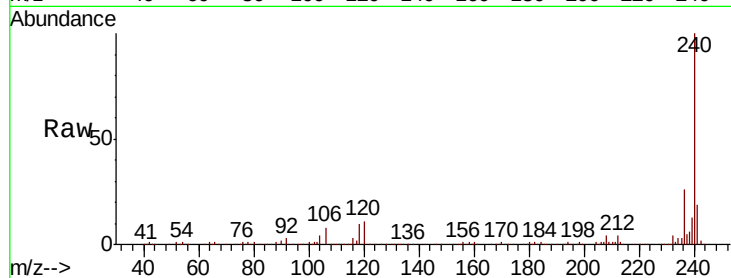




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

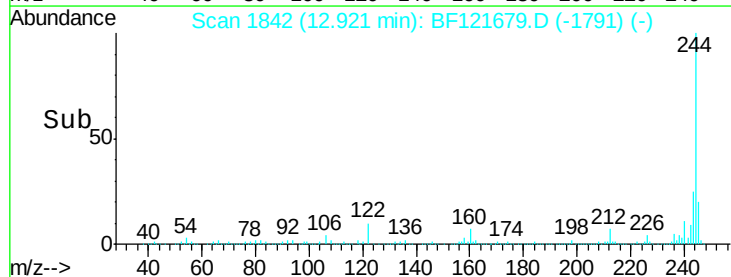
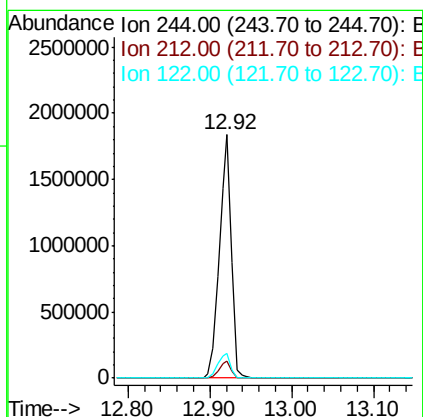
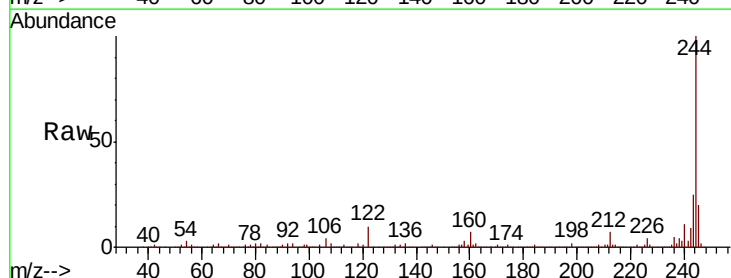
Instrument :
BNA_F
ClientSampleId :
PB131864BL

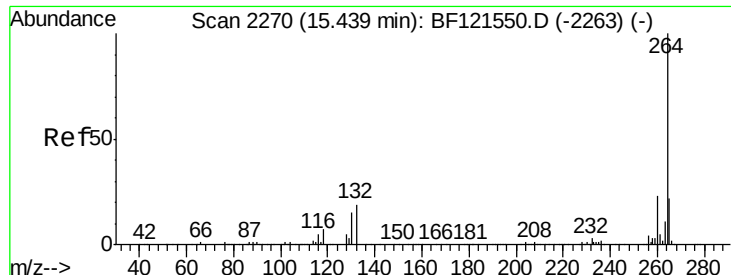
Tot Ion:240 Resp: 528797
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 71.640 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF121679.D
Acq: 24 Sep 2020 13:31

Tgt Ion:244 Resp: 1869945
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 10.2 7.4 11.0





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF121679.D
 Acq: 24 Sep 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131864BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.2	17.3	25.9

