

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
 Data File : BF121555.D
 Acq On : 10 Sep 2020 17:19
 Operator : JU/CG
 Sample : PB131517BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131517BL

Quant Time: Sep 10 17:50:50 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

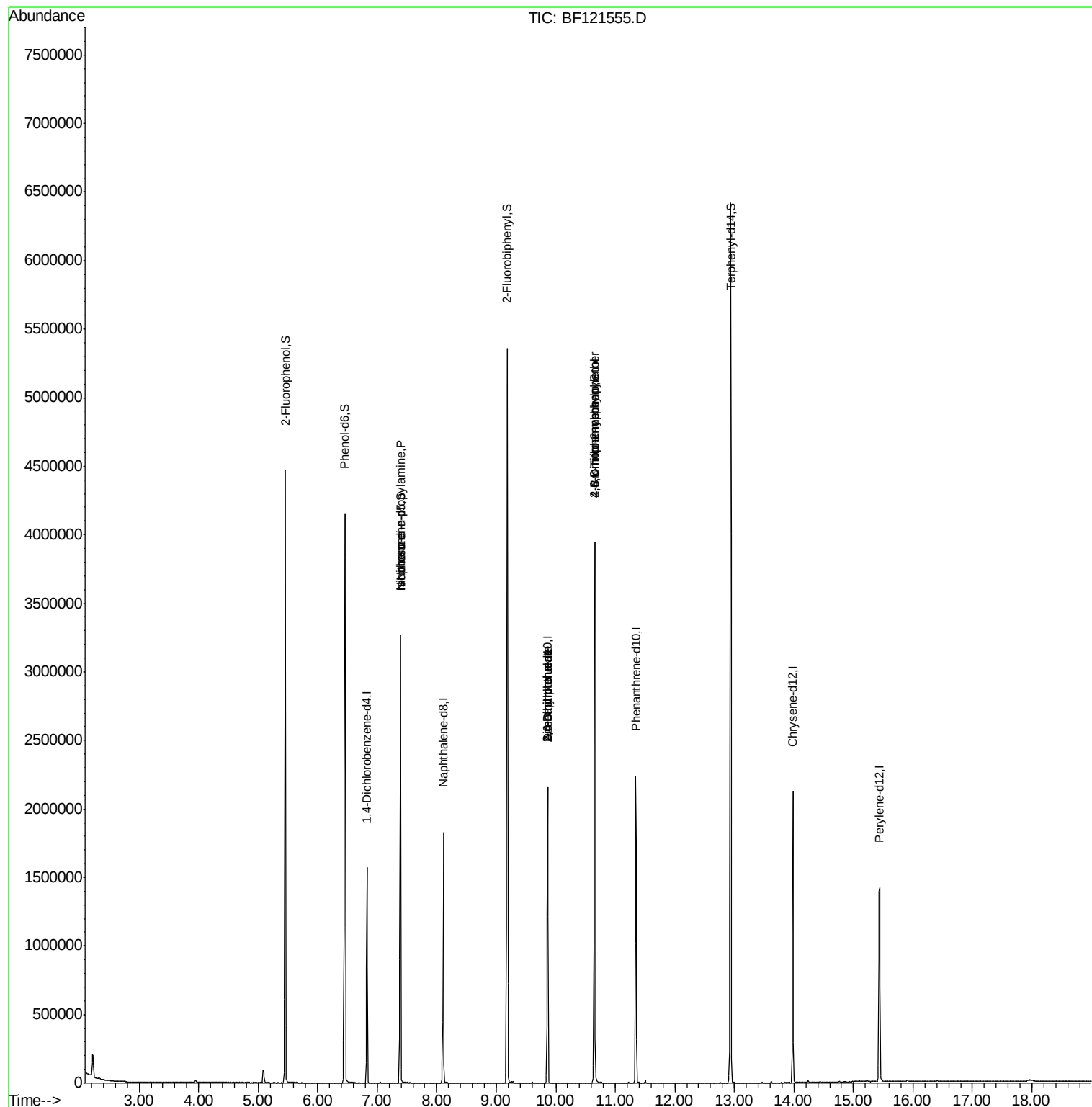
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	205402	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	804766	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	420866	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	794145	20.00	ng	0.00
76) Chrysene-d12	13.98	240	699397	20.00	ng	-0.01
86) Perylene-d12	15.44	264	662975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1454426	105.23	ng	0.01
7) Phenol-d6	6.46	99	1900419	104.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	1290375	86.09	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	583122	111.48	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2157553	77.64	ng	0.00
79) Terphenyl-d14	12.94	244	2377895	68.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	172478	16.504	ng	# 78
25) Isophorone	7.39	82	1280802	42.450	ng	# 66
50) Dimethylphthalate	9.86	163	89755	2.942	ng	# 1
51) 2,6-Dinitrotoluene	9.86	165	55123	8.485	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	55123	6.745	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	1238	7.070	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	34360	3.800	ng	# 1

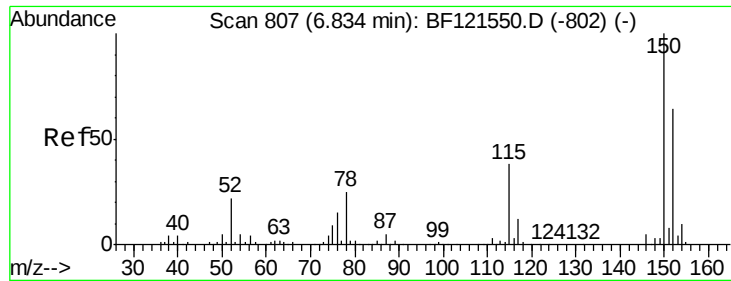
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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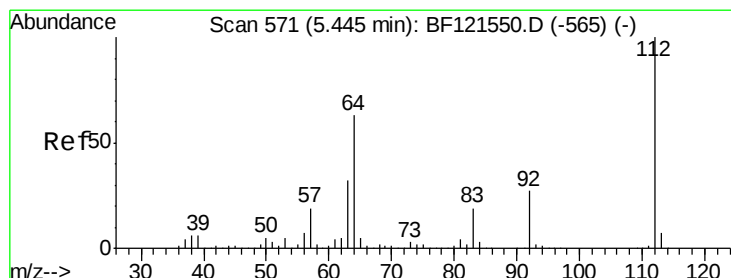
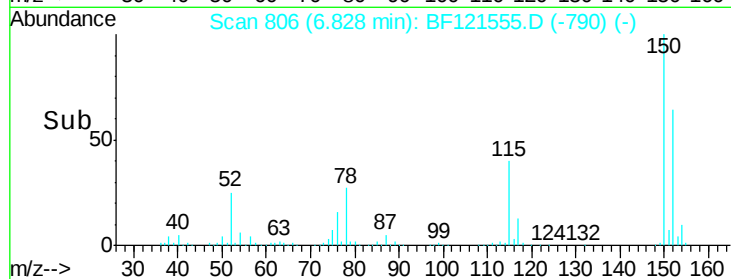
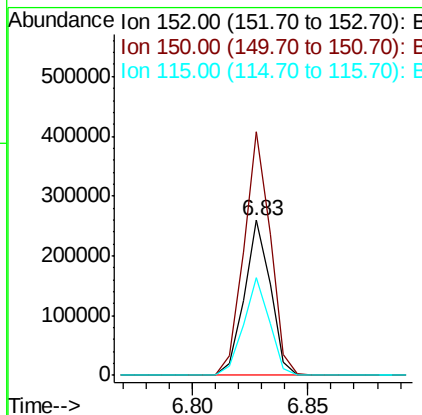
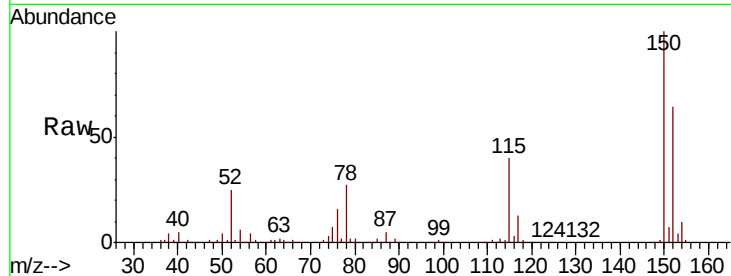


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF121555.D
Acq: 10 Sep 2020 17:19

Instrument :
BNA_F
ClientSampleId :
PB131517BL

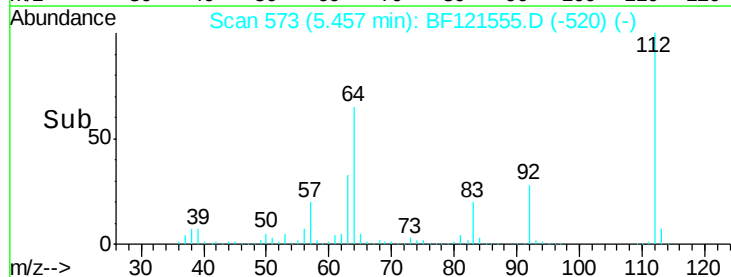
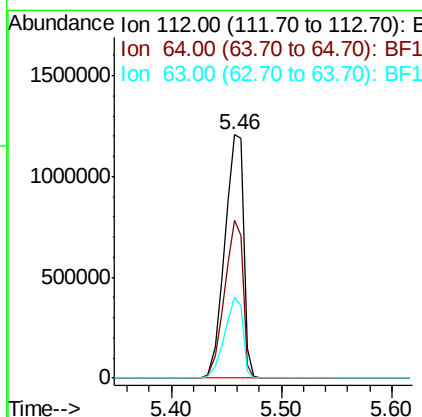
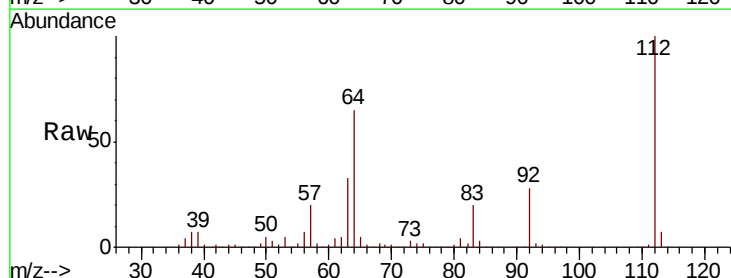
Tot Ion:152 Resp: 205402
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 62.7 47.8 71.8

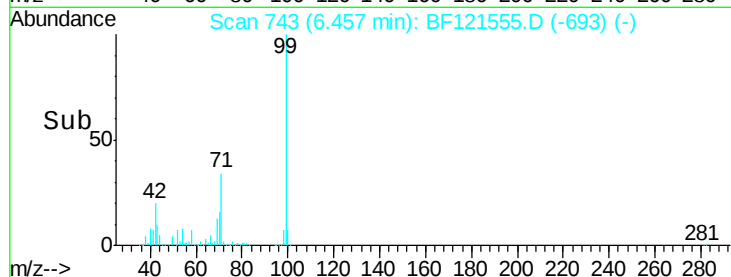
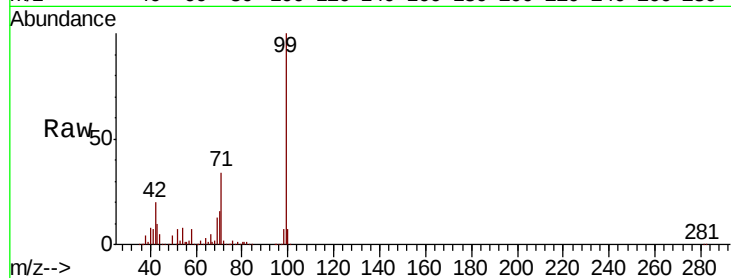


#5

2-Fluorophenol
Concen: 105.231 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF121555.D
Acq: 10 Sep 2020 17:19

Tgt Ion:112 Resp: 1454426
Ion Ratio Lower Upper
112 100
64 64.8 50.3 75.5
63 33.4 25.6 38.4





#7

Phenol-d6

Concen: 104.806 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

Instrument :

BNA_F

ClientSampleId :

PB131517BL

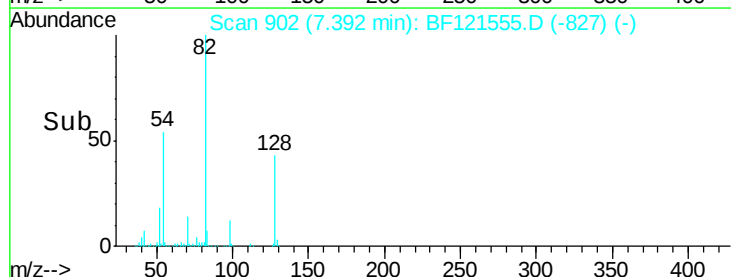
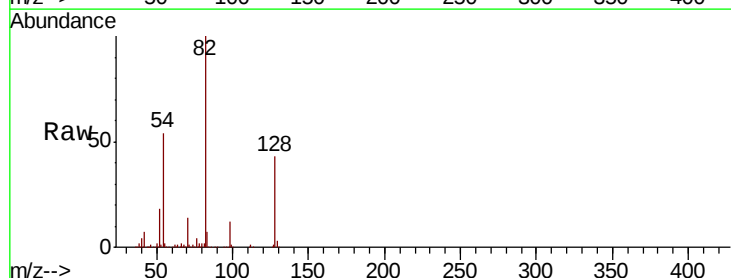
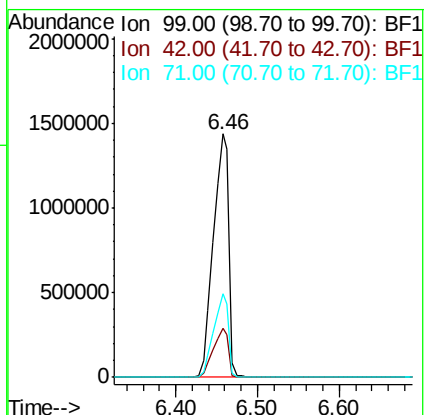
Tot Ion: 99 Resp: 1900419

Ion Ratio Lower Upper

99 100

42 20.2 15.5 23.3

71 34.2 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.504 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

Tgt Ion: 70 Resp: 172478

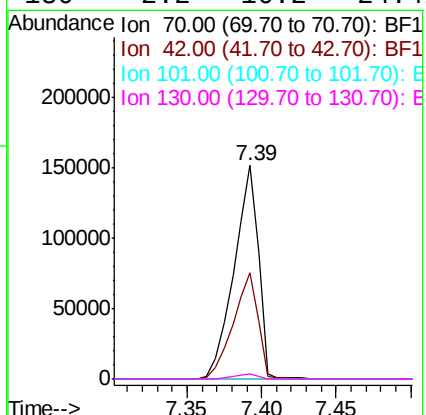
Ion Ratio Lower Upper

70 100

42 49.8 49.4 74.2

101 0.0 7.6 11.4#

130 2.2 16.2 24.4#

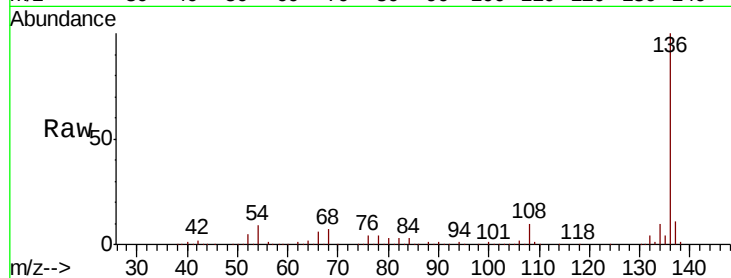




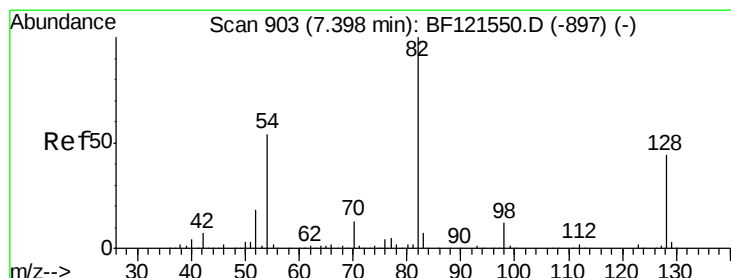
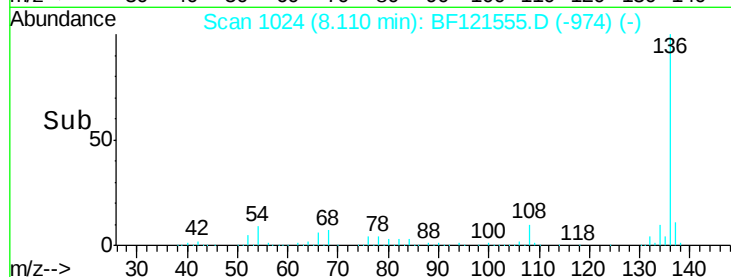
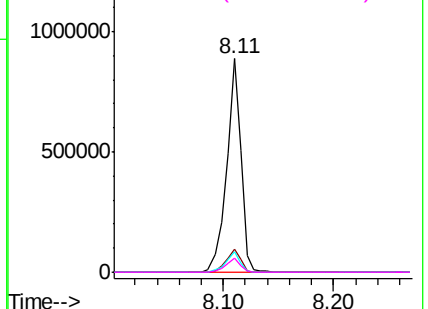
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF121555.D
Acq: 10 Sep 2020 17:19

Instrument :
BNA_F
ClientSampleId :
PB131517BL

Tot Ion:136	Resp:	804766
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	9.4	7.6 11.4
68	6.9	5.7 8.5

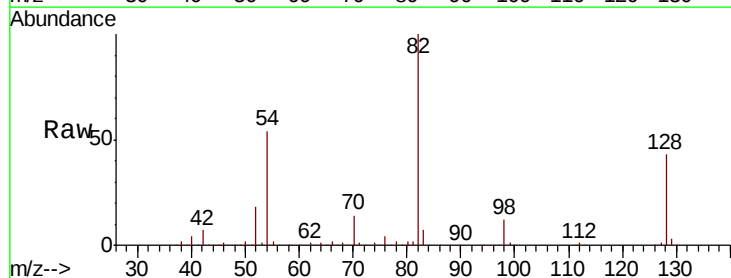


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

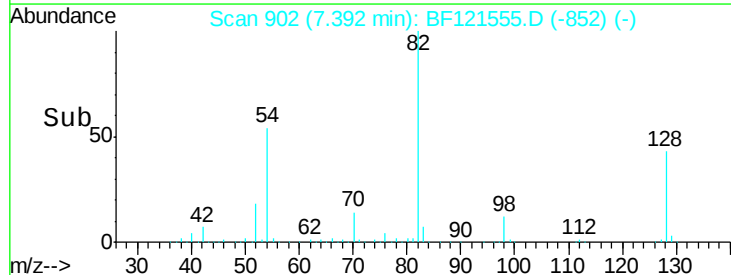
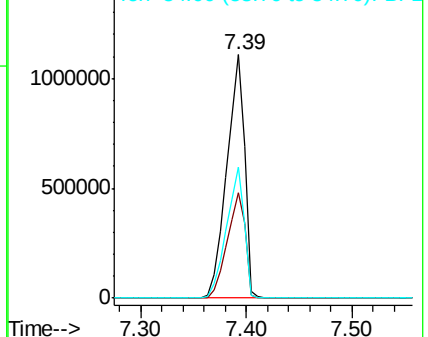


#23
Nitrobenzene-d5
Concen: 86.090 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121555.D
Acq: 10 Sep 2020 17:19

Tgt Ion: 82	Resp:	1290375
Ion	Ratio	Lower Upper
82	100	
128	43.1	35.1 52.7
54	53.6	43.0 64.6



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

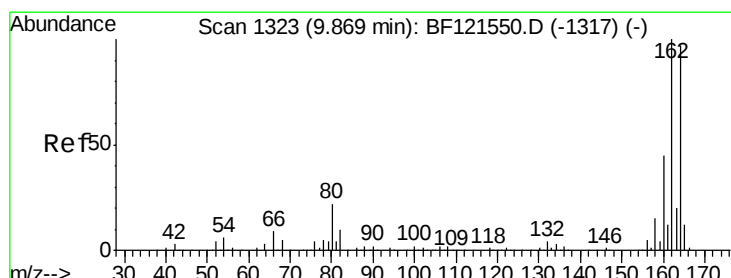
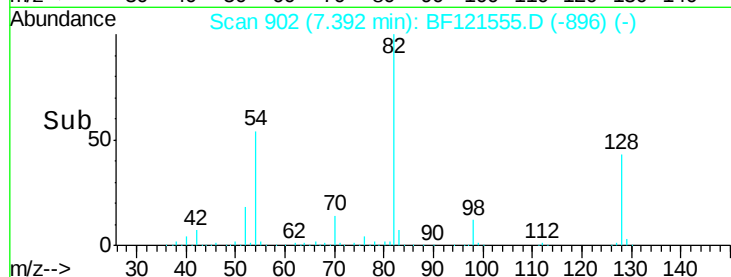
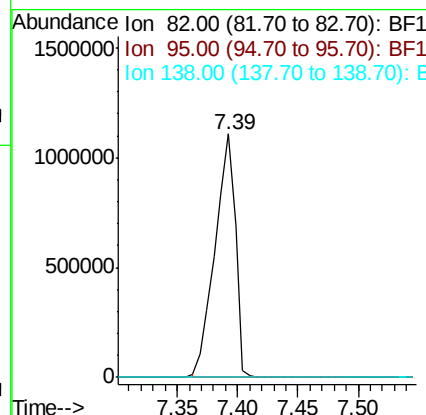
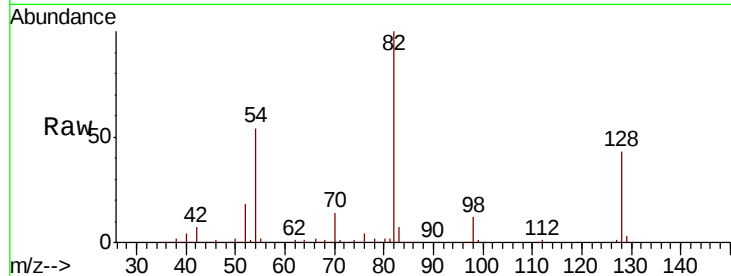




#25
Isophorone
Concen: 42.450 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF121555.D
Acq: 10 Sep 2020 17:19

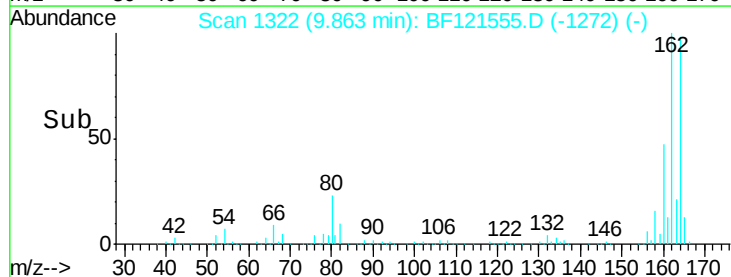
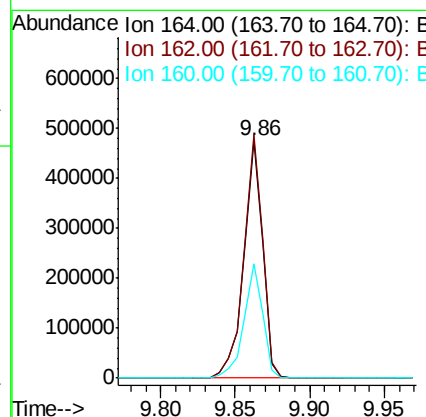
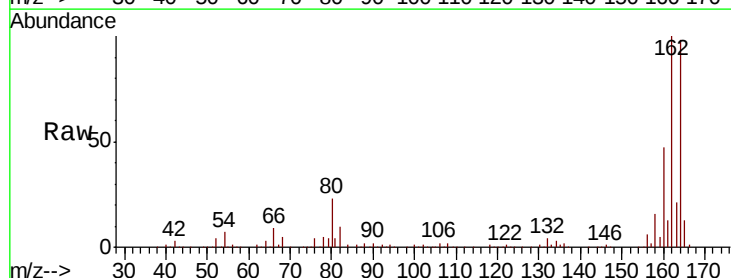
Instrument :
BNA_F
ClientSampleId :
PB131517BL

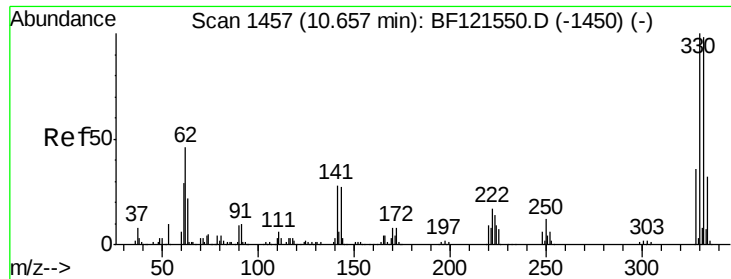
Tot Ion: 82 Resp: 1280802
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF121555.D
Acq: 10 Sep 2020 17:19

Tgt Ion: 164 Resp: 420866
Ion Ratio Lower Upper
164 100
162 102.5 82.3 123.5
160 48.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 111.479 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

Instrument :

BNA_F

ClientSampleId :

PB131517BL

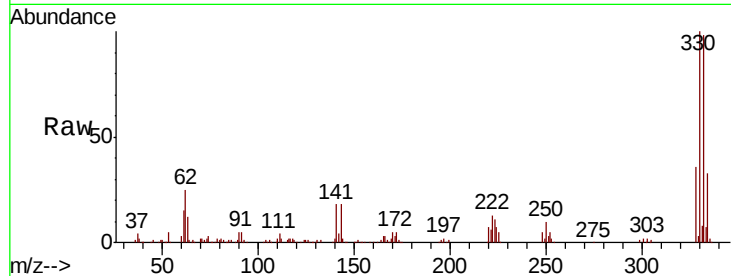
Tot Ion:330 Resp: 583122

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

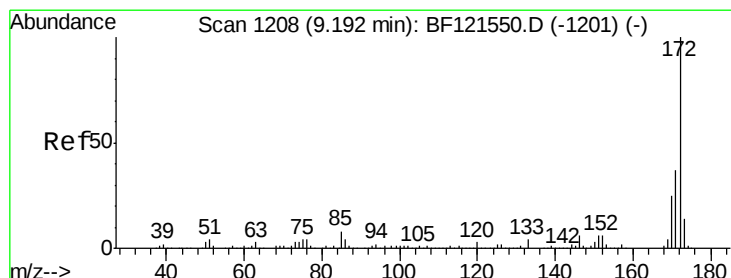
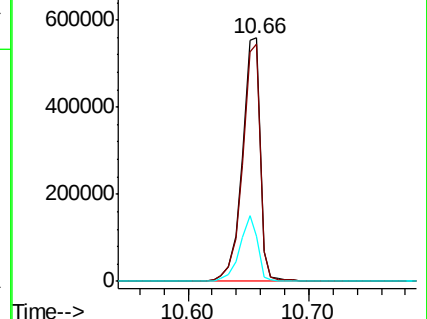
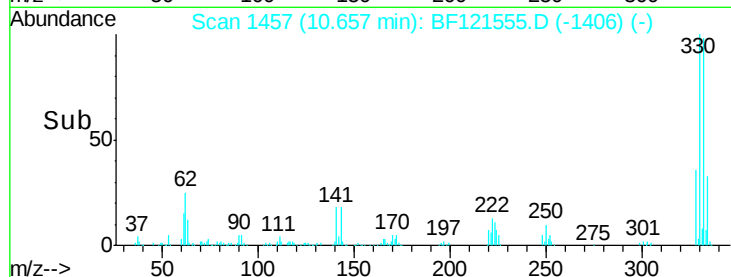
141 26.9 23.6 35.4



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: 77.642 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

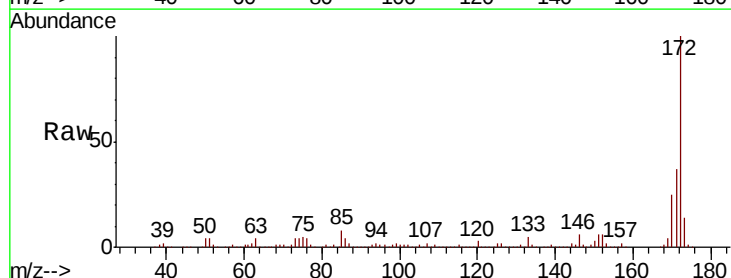
Tgt Ion:172 Resp: 2157553

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

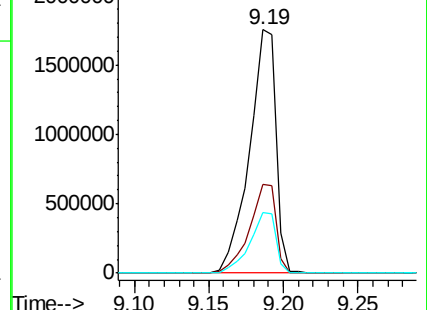
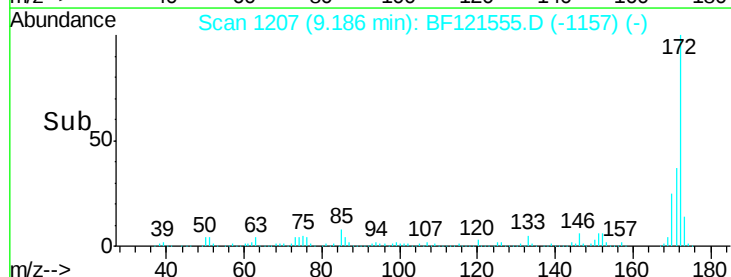
170 24.7 19.8 29.8

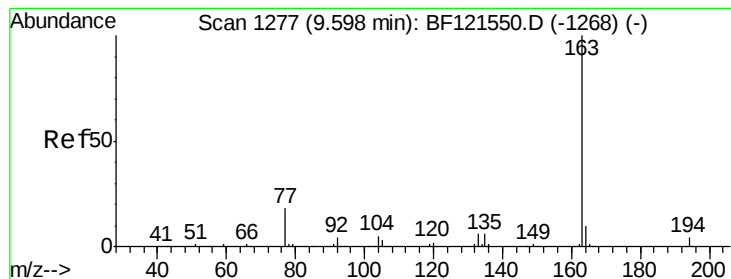


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.942 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.26 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

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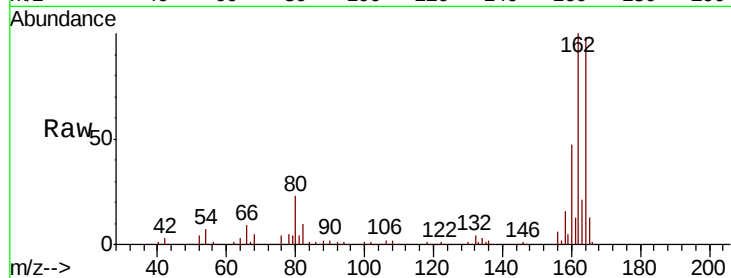
Tot Ion:163 Resp: 89755

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

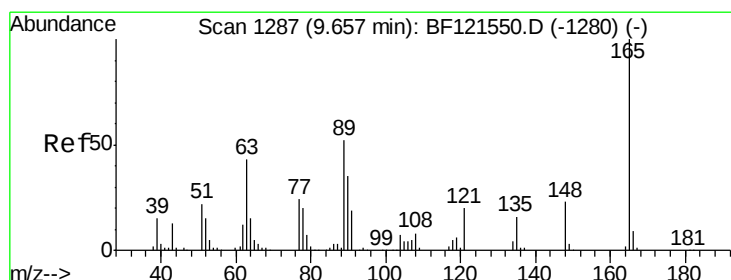
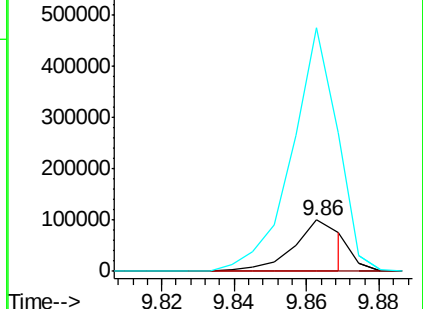
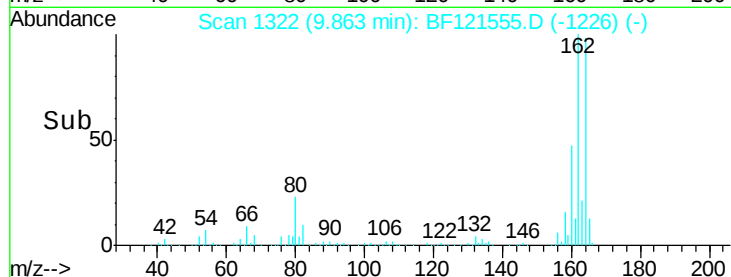
164 473.0 7.9 11.9#



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: 8.485 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

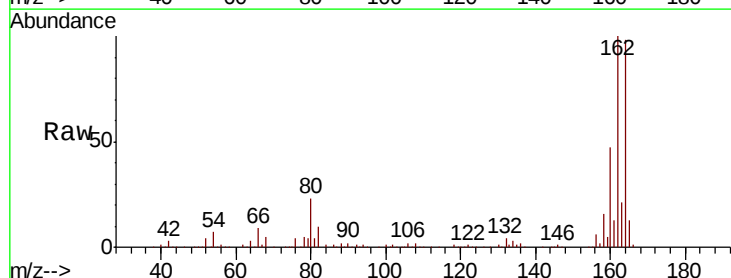
Tgt Ion:165 Resp: 55123

Ion Ratio Lower Upper

165 100

63 1.1 40.6 61.0#

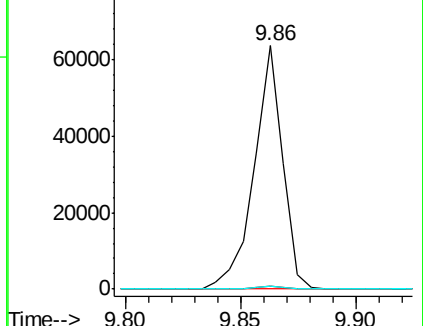
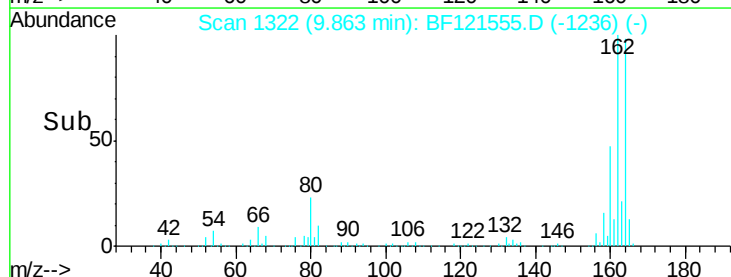
89 1.3 41.8 62.8#



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: 6.745 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.19 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

Instrument :

BNA_F

ClientSampleId :

PB131517BL

Tot Ion:165 Resp: 55123

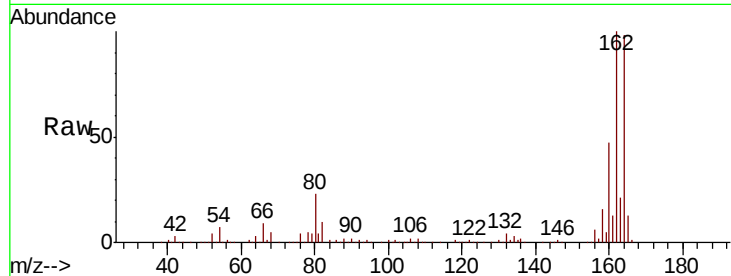
Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

89 1.3 58.2 87.4#

182 0.0 2.2 3.2#

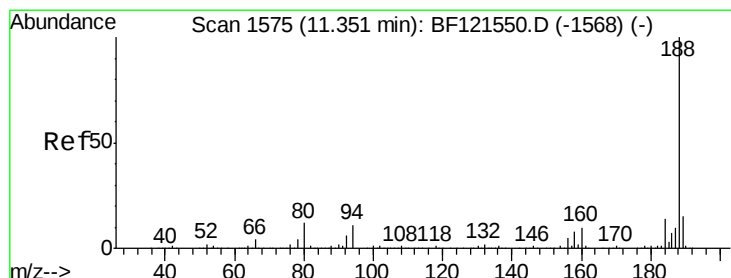
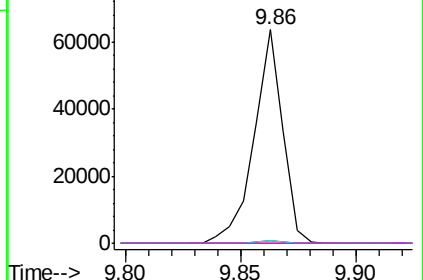
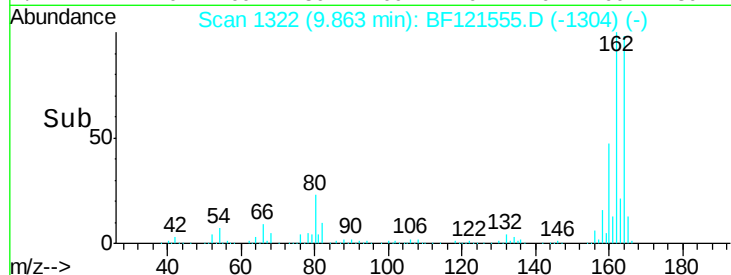


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

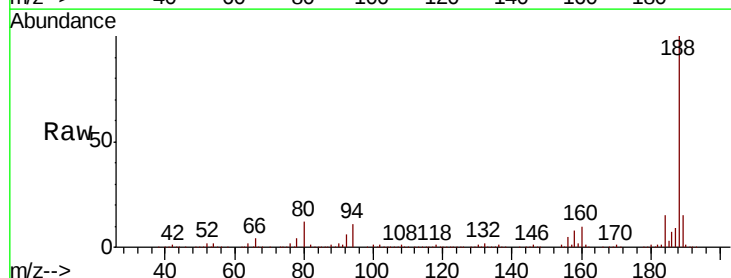
Tgt Ion:188 Resp: 794145

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

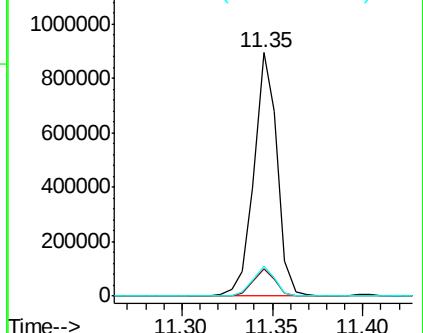
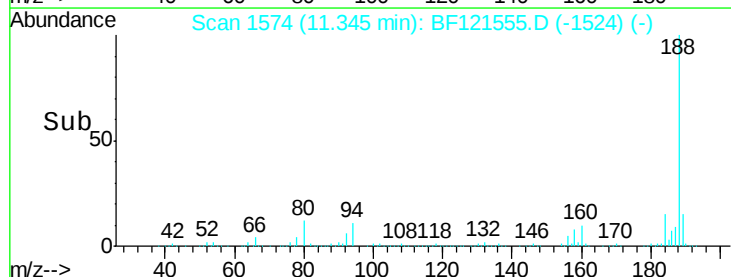
80 12.2 9.3 13.9

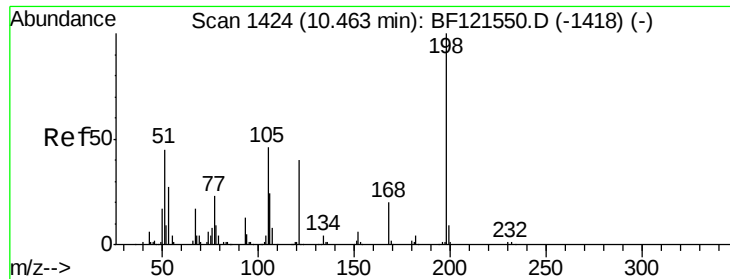


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.070 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.19 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

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BNA_F

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PB131517BL

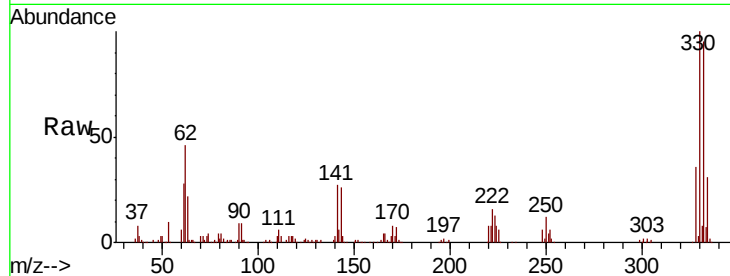
Tot Ion:198 Resp: 1238

Ion Ratio Lower Upper

198 100

51 163.7 31.1 71.1#

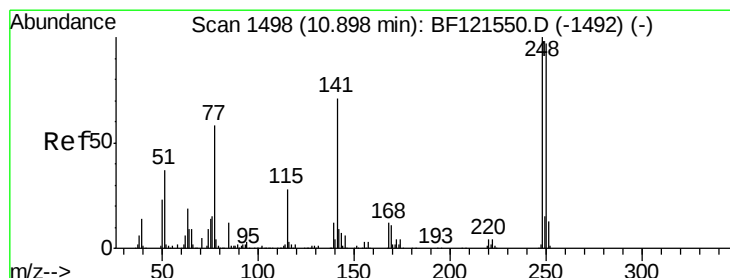
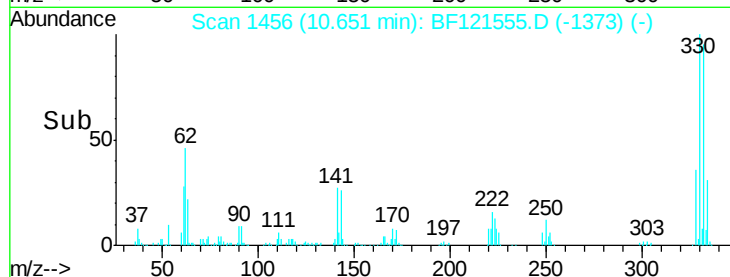
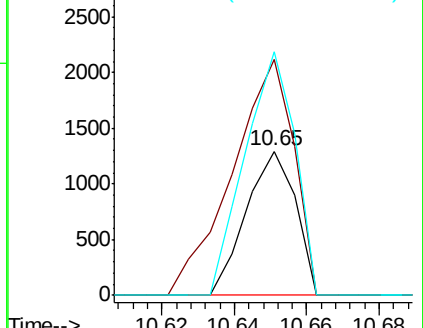
105 169.3 26.6 66.6#



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: 3.800 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.25 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

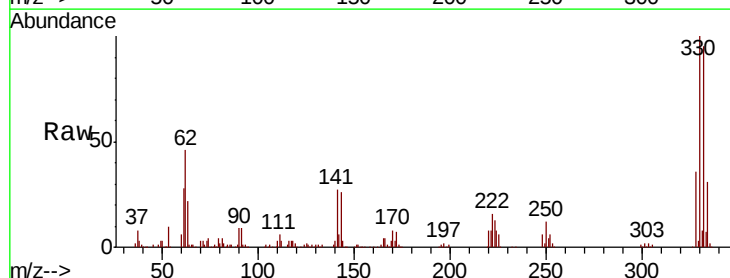
Tgt Ion:248 Resp: 34360

Ion Ratio Lower Upper

248 100

250 198.5 77.4 116.0#

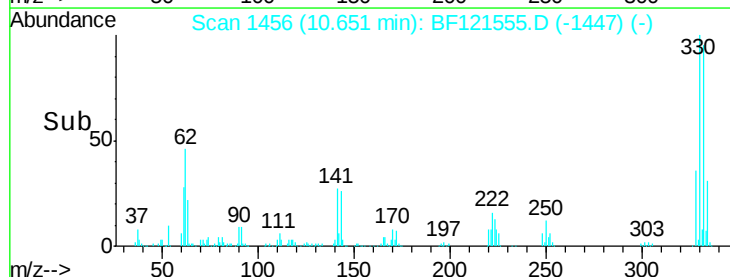
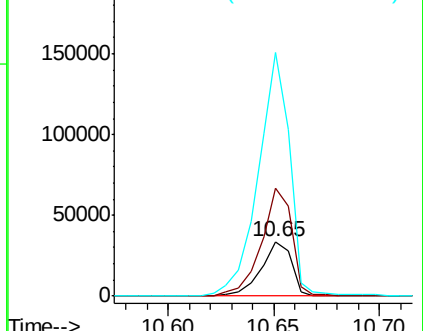
141 448.7 56.7 85.1#

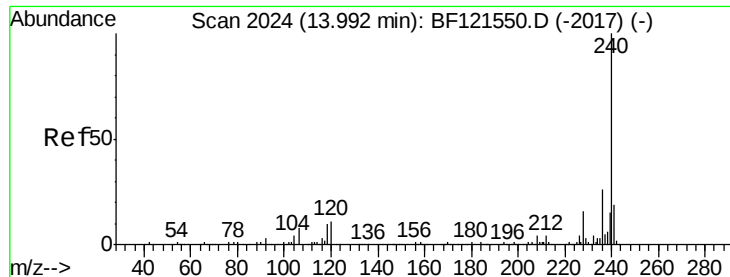


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF121555.D

Acq: 10 Sep 2020 17:19

Instrument :

BNA_F

ClientSampleId :

PB131517BL

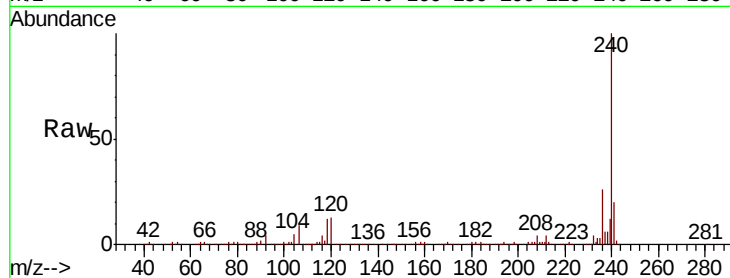
Tot Ion:240 Resp: 699397

Ion Ratio Lower Upper

240 100

120 13.4 9.2 13.8

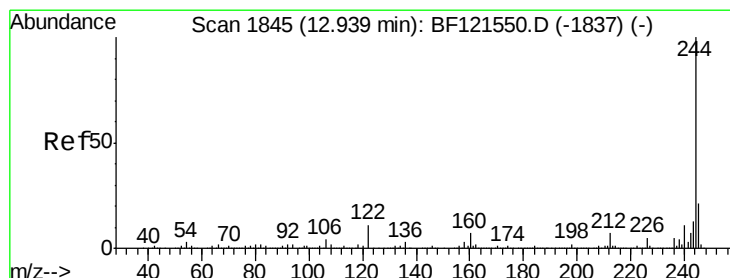
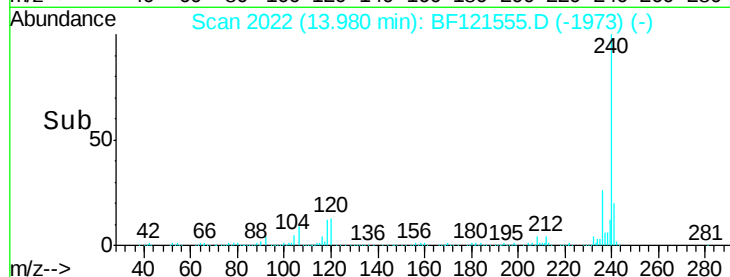
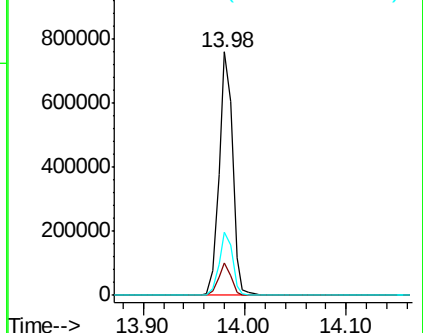
236 25.9 20.5 30.7



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: 68.879 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121555.D

Acq: 10 Sep 2020 17:19

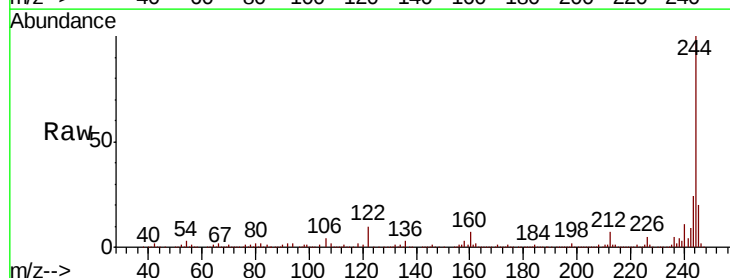
Tgt Ion:244 Resp: 2377895

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

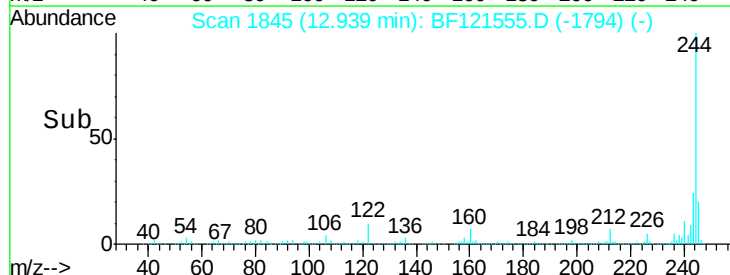
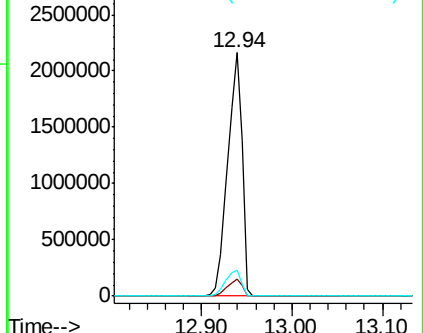
122 10.5 8.7 13.1

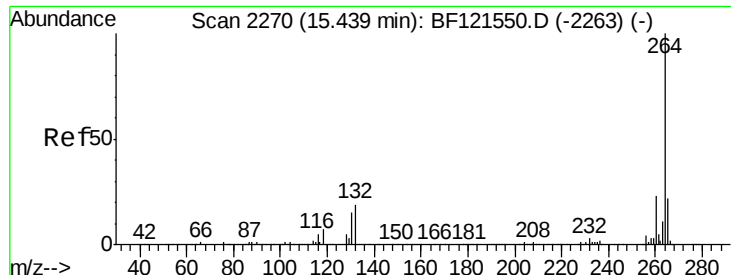


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

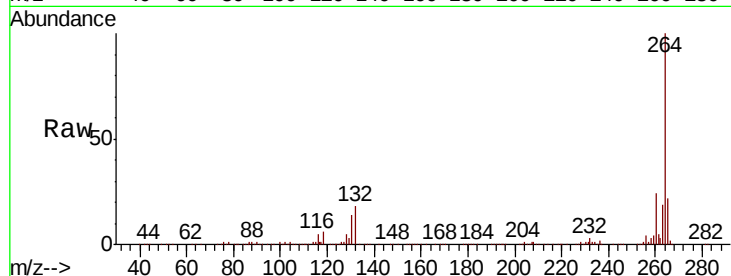




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF121555.D
Acq: 10 Sep 2020 17:19

Instrument :
BNA_F
ClientSampleId :
PB131517BL

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



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

