

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125653.D
 Acq On : 25 Sep 2021 13:23
 Operator : JU/CG
 Sample : M3908-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE-03

Quant Time: Sep 27 01:21:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

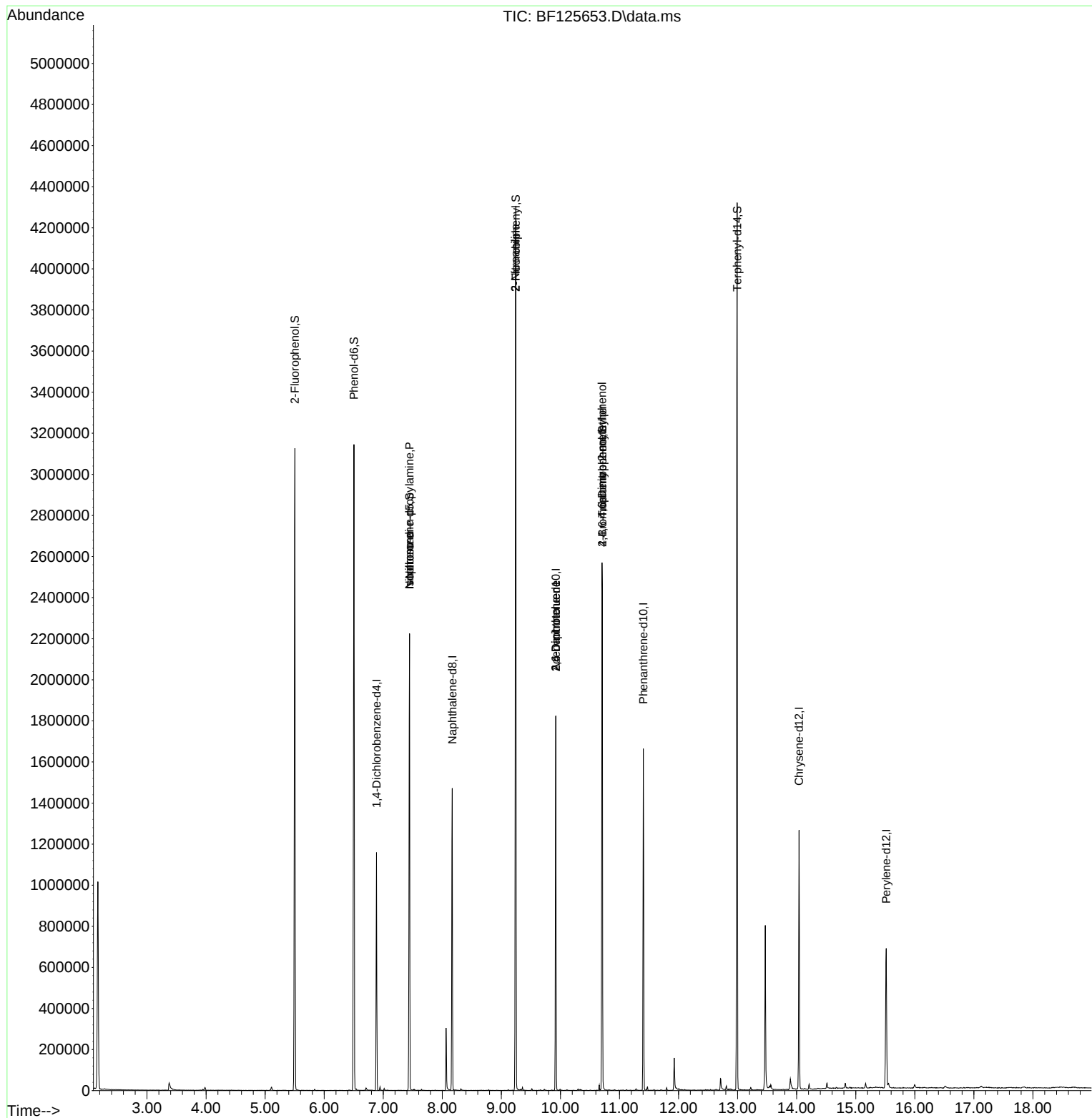
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	159945	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	662174	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	343886	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	587072	20.000	ng	0.00
76) Chrysene-d12	14.039	240	405329	20.000	ng	0.00
86) Perylene-d12	15.515	264	313975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	955792	98.454	ng	0.00
7) Phenol-d6	6.504	99	1189554	91.143	ng	0.00
23) Nitrobenzene-d5	7.445	82	705610	74.326	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	349970	109.151	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1424524	72.458	ng	0.00
79) Terphenyl-d14	12.992	244	1446666	61.809	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1752	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	88267	11.878	ng	# 50
25) Isophorone	7.445	82	705595	33.187	ng	# 59
48) 2-Nitroaniline	9.239	65	1714	4.473	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	43174	12.480	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	43174	11.403	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	688	9.209	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	19742	3.204	ng	# 1

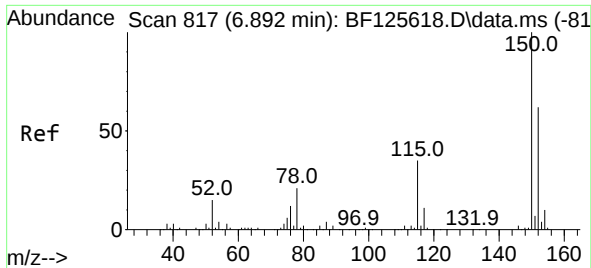
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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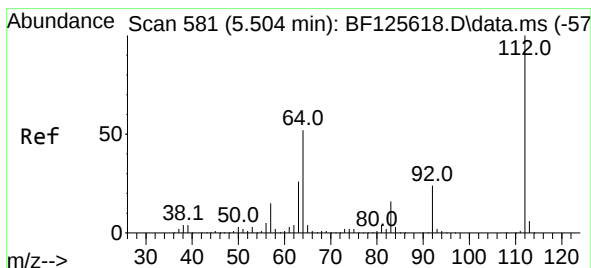
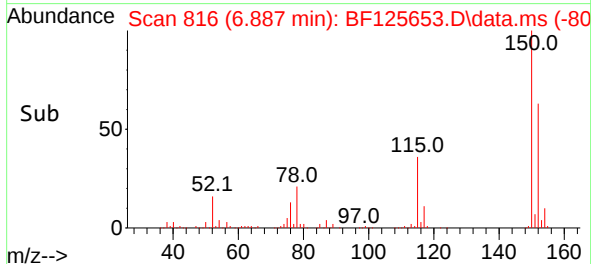
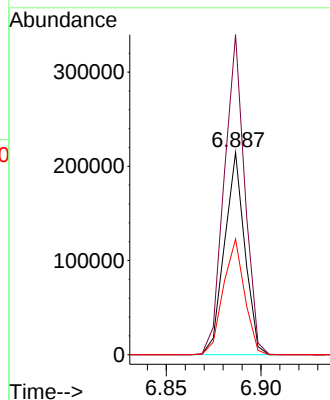
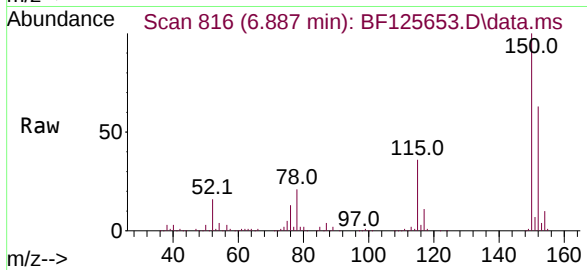




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

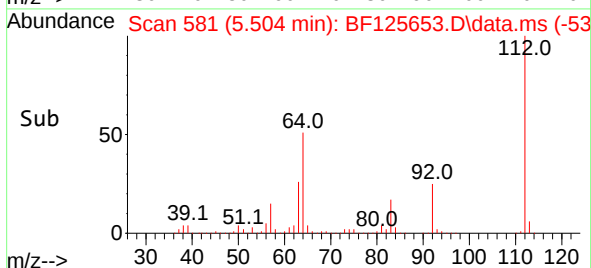
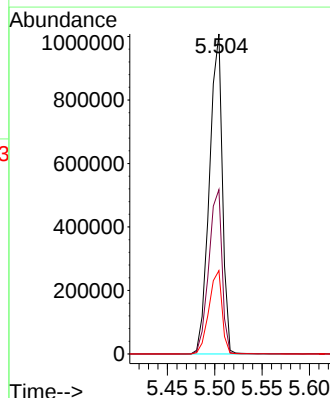
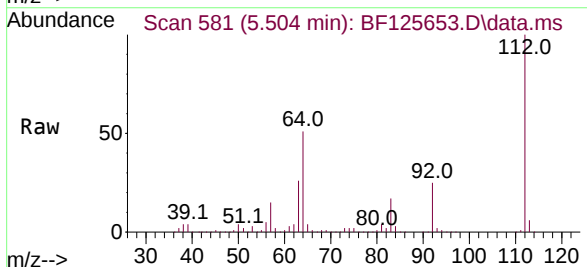
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-03

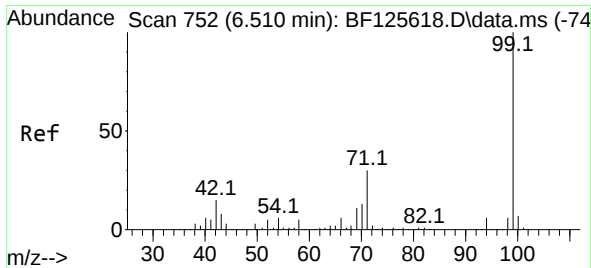
Tgt Ion:152 Resp: 159945
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 98.454 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion:112 Resp: 955792
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 26.1 26.2 39.2#

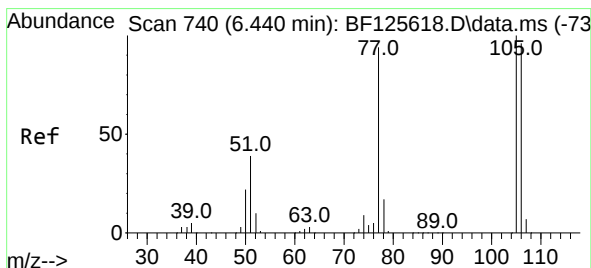
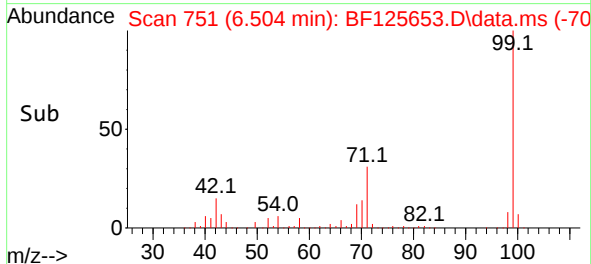
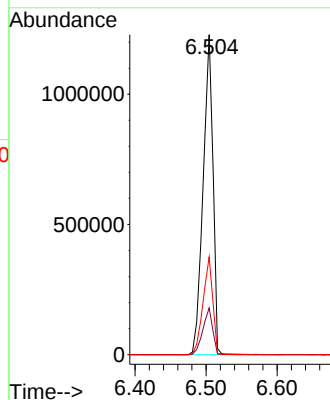
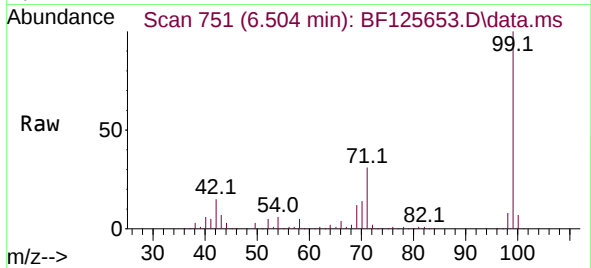




#7
Phenol-d6
Concen: 91.143 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

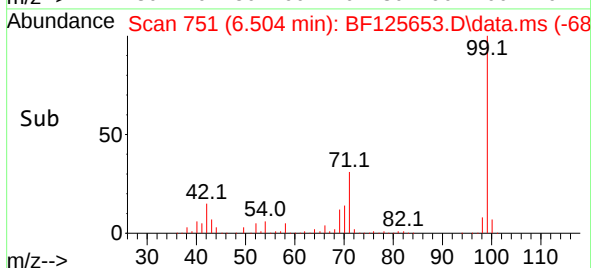
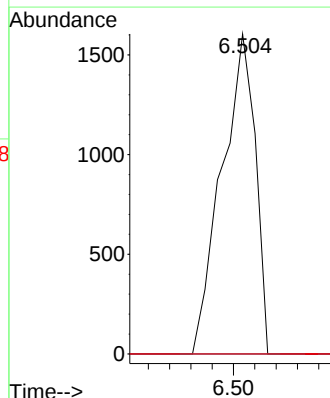
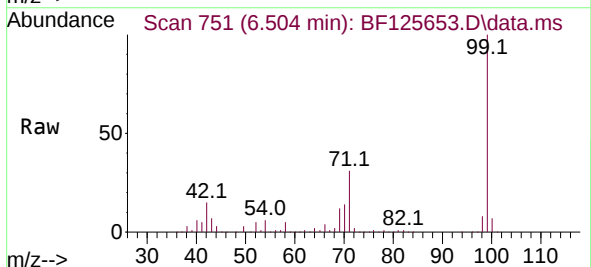
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-03

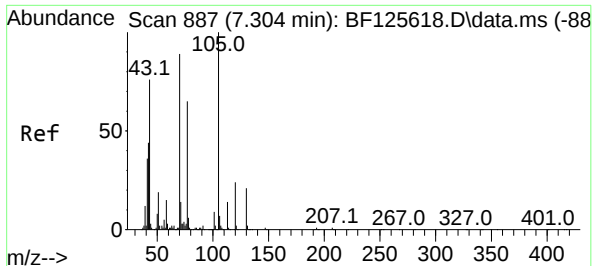
Tgt Ion: 99 Resp: 1189554
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 30.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion: 77 Resp: 1752
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

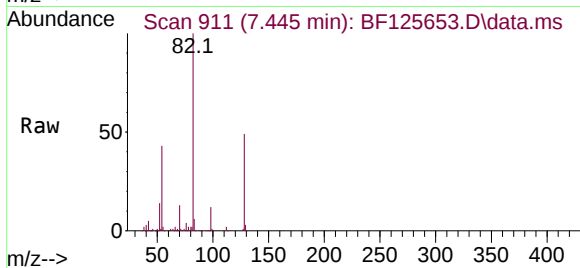




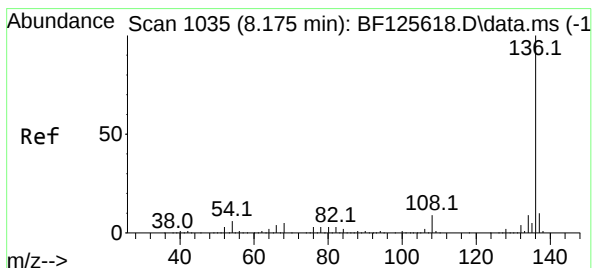
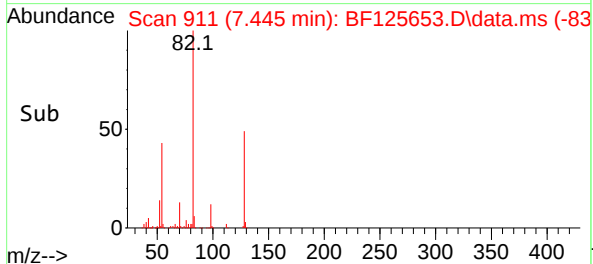
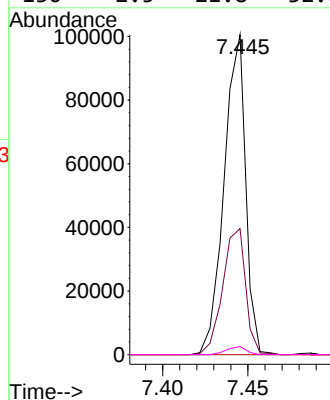
#19

n-Nitroso-di-n-propylamine
Concen: 11.878 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Instrument :
BNA_F
ClientSampleId :
DUPLICATE-03



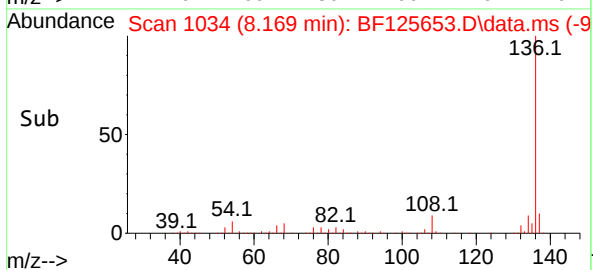
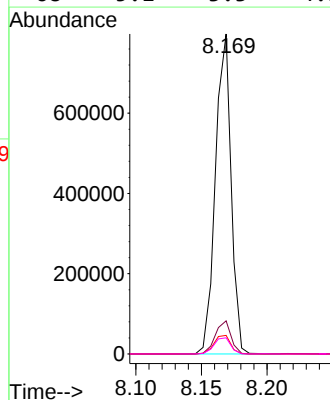
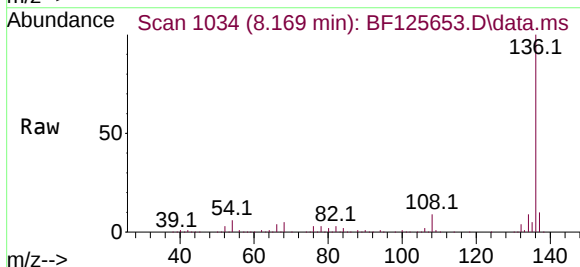
Tgt Ion: 70	Resp: 88267
Ion Ratio	Lower Upper
70	100
42	39.4 72.2 108.2#
101	0.0 7.8 11.8#
130	2.5 21.8 32.6#

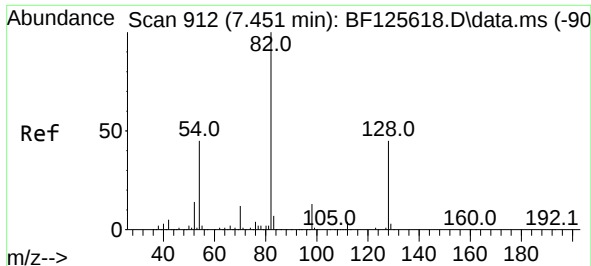


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion: 136	Resp: 662174
Ion Ratio	Lower Upper
136	100
137	10.4 9.8 14.6
54	5.8 6.4 9.6#
68	5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 74.326 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125653.D

Acq: 25 Sep 2021 13:23

Instrument :

BNA_F

ClientSampleId :

DUPLICATE-03

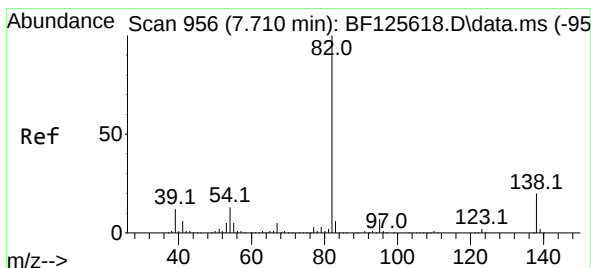
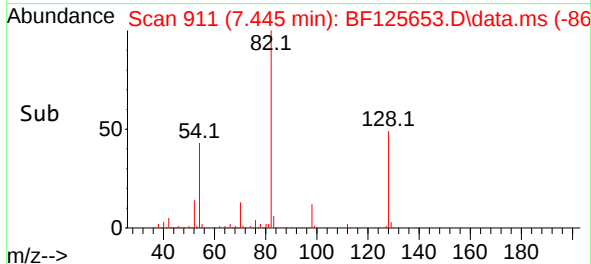
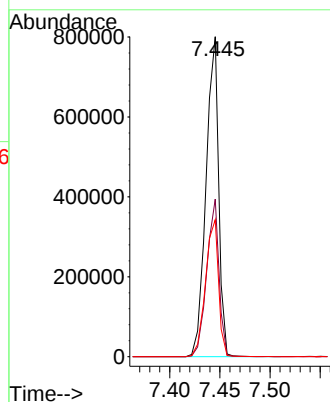
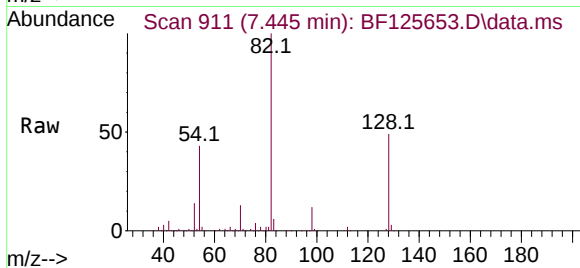
Tgt Ion: 82 Resp: 705610

Ion Ratio Lower Upper

82 100

128 49.3 40.6 60.8

54 42.8 49.6 74.4#



#25

Isophorone

Concen: 33.187 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125653.D

Acq: 25 Sep 2021 13:23

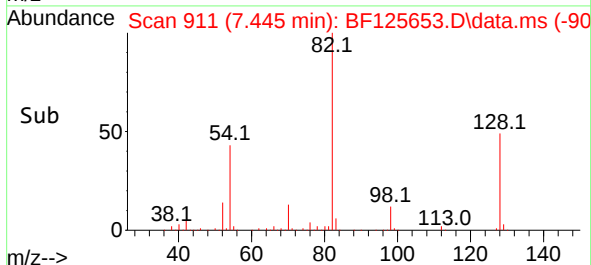
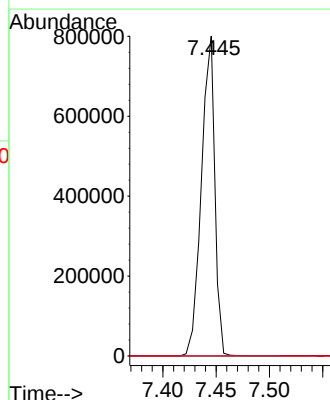
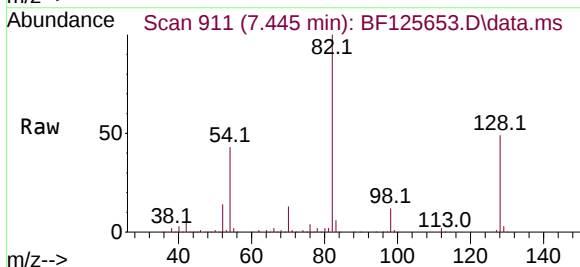
Tgt Ion: 82 Resp: 705595

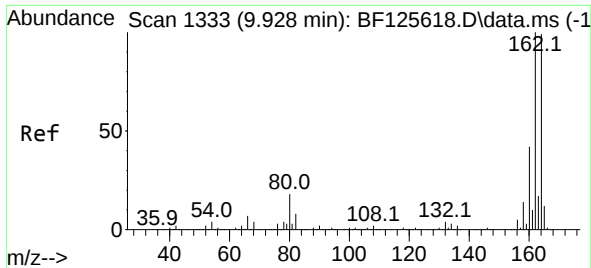
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

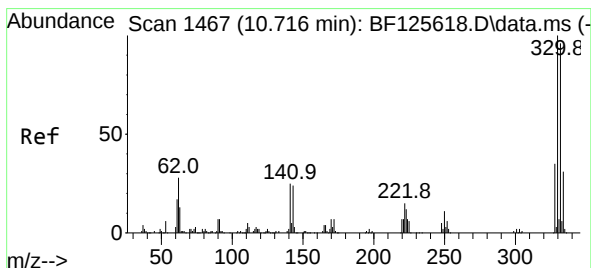
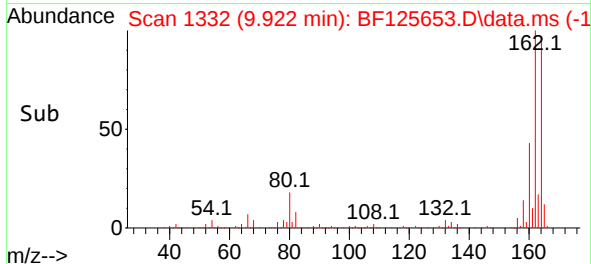
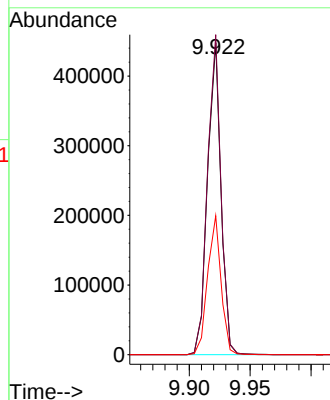
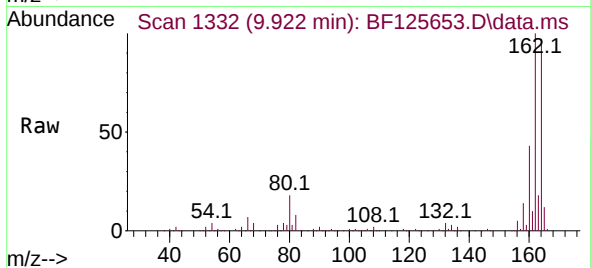




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

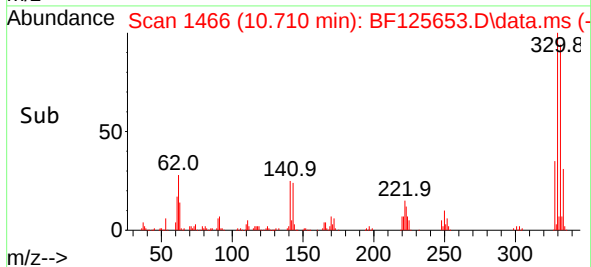
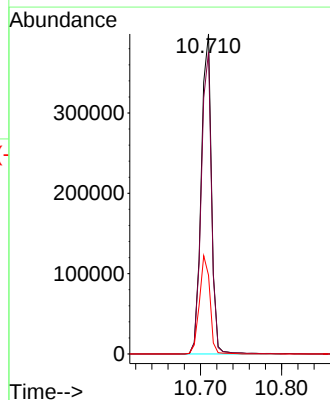
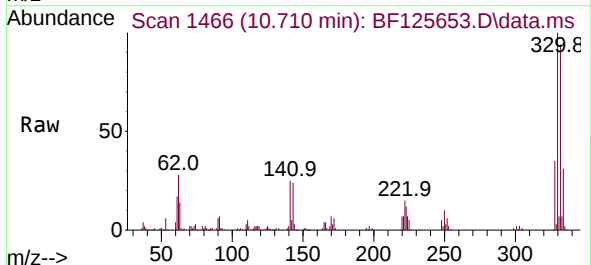
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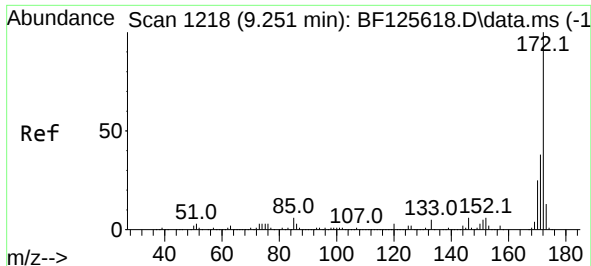
Tgt Ion:164	Resp:	343886
Ion Ratio	Lower	Upper
164	100	
162	102.6	81.3 121.9
160	44.5	38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 109.151 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion:330	Resp:	349970
Ion Ratio	Lower	Upper
330	100	
332	94.9	76.2 114.4
141	31.3	44.6 66.8#

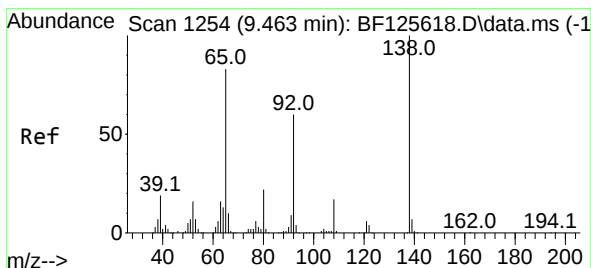
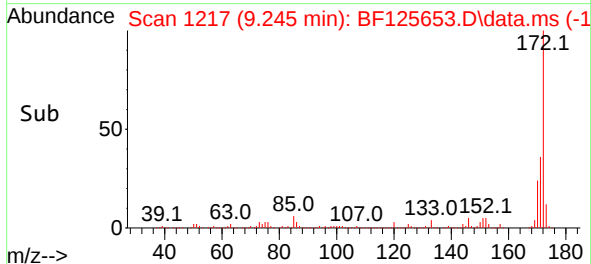
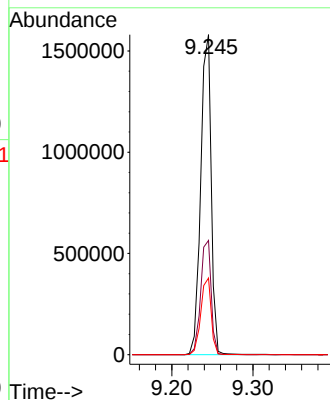
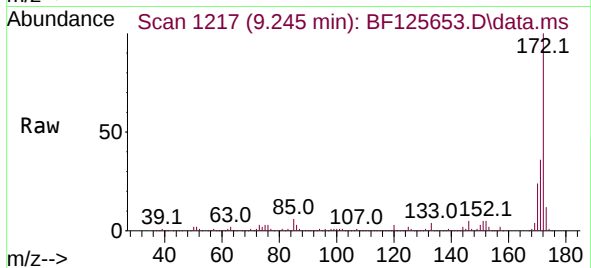




#45
2-Fluorobiphenyl
Concen: 72.458 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

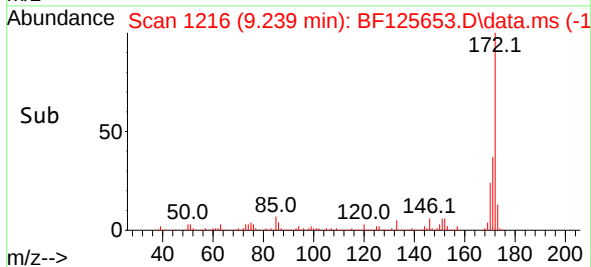
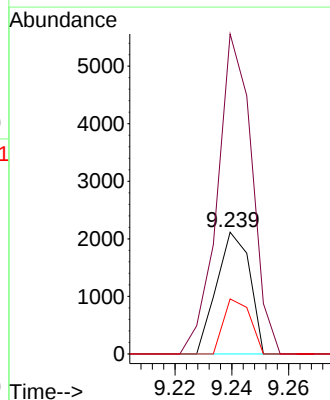
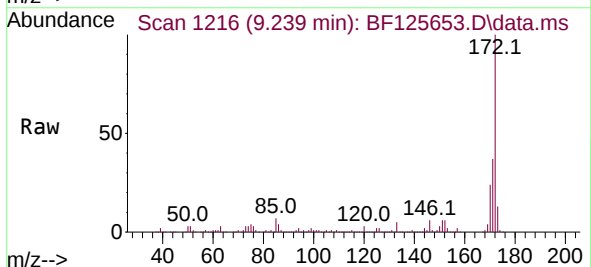
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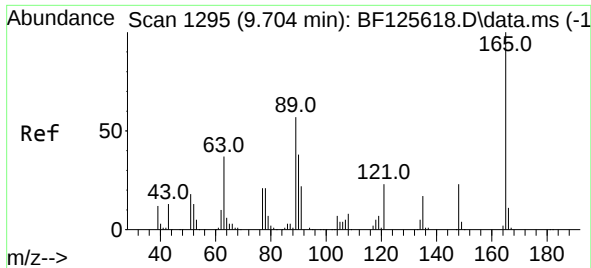
Tgt Ion:172 Resp: 1424524
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.473 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion: 65 Resp: 1714
Ion Ratio Lower Upper
65 100
92 262.8 55.5 83.3#
138 45.1 93.5 140.3#

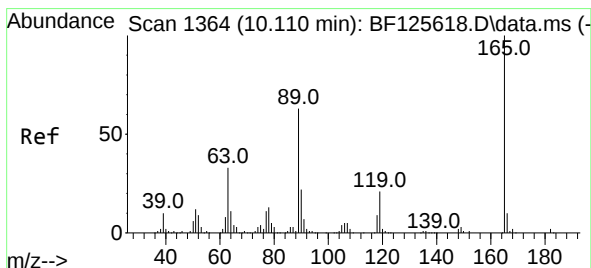
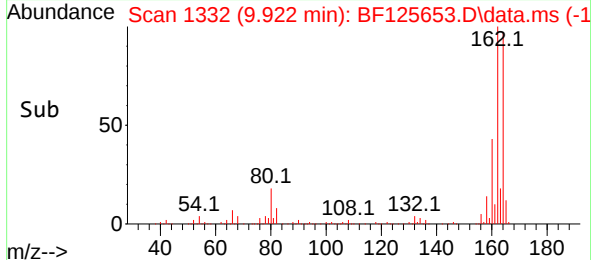
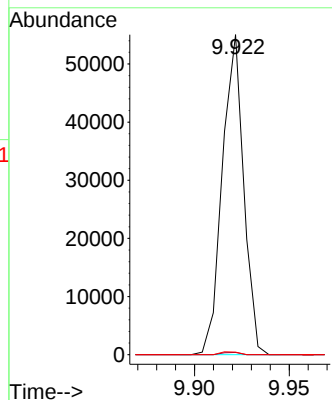
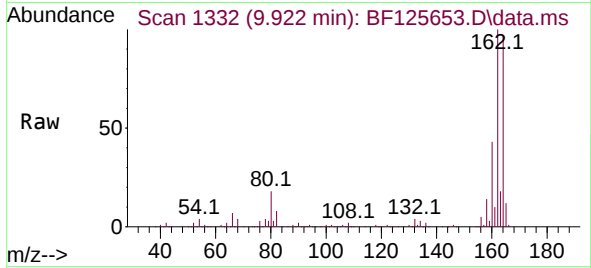




#51
2,6-Dinitrotoluene
Concen: 12.480 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

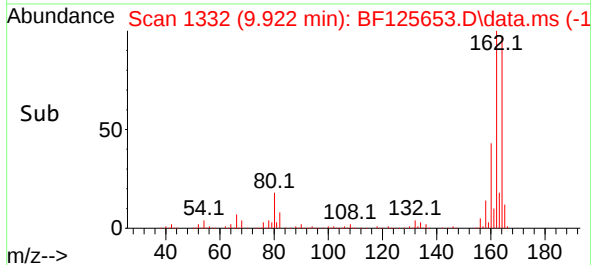
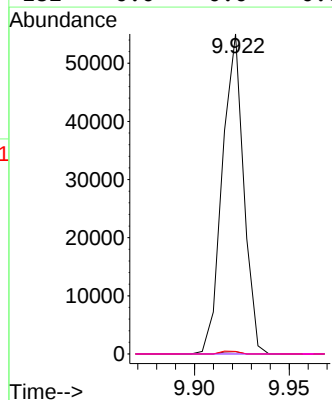
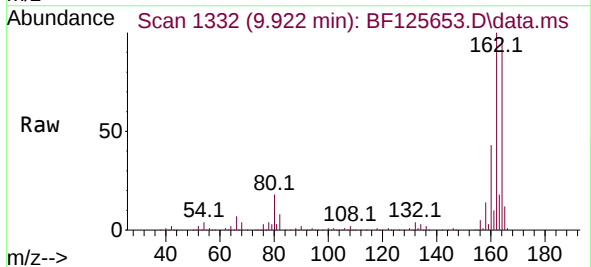
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-03

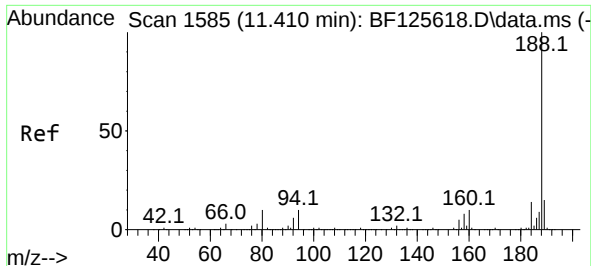
Tgt Ion:165 Resp: 43174
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.403 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion:165 Resp: 43174
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

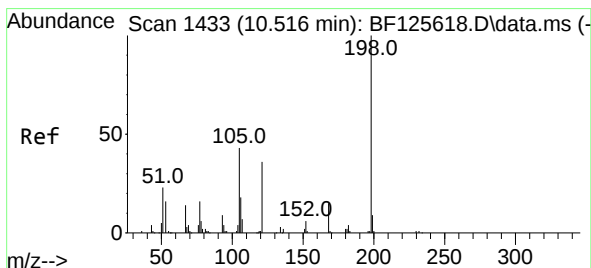
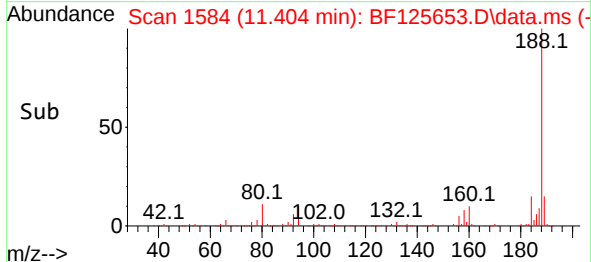
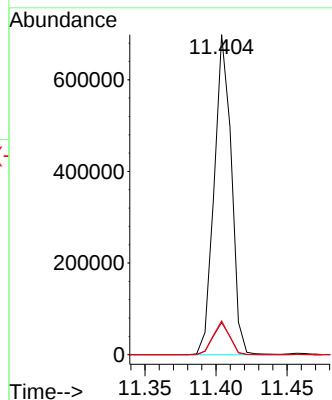
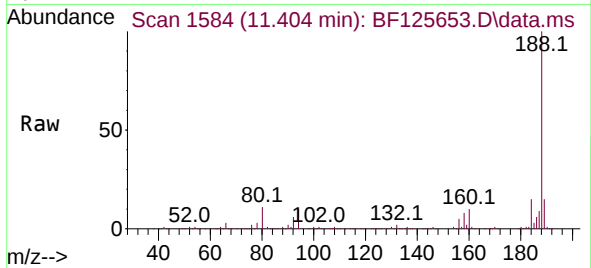




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

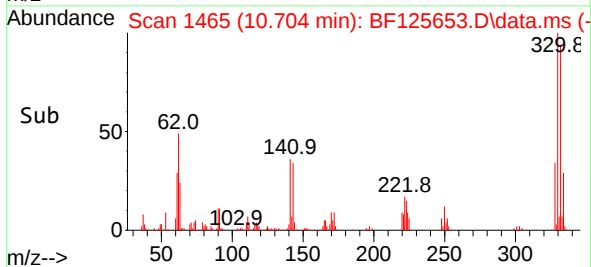
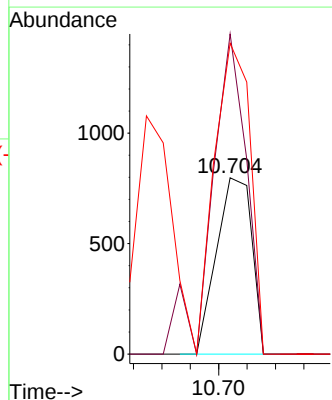
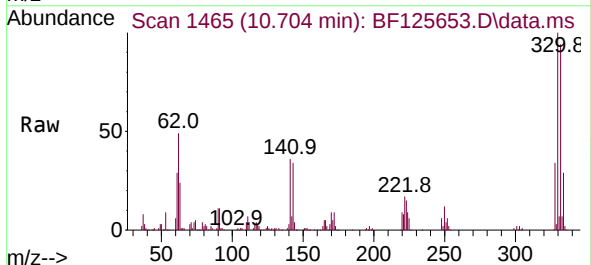
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-03

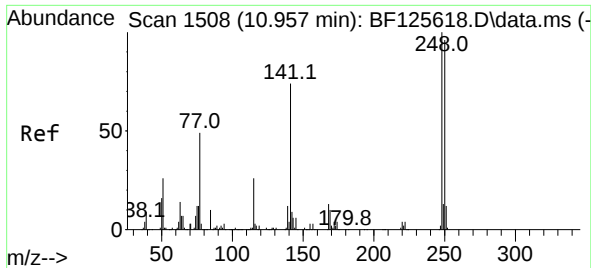
Tgt Ion:188 Resp: 587072
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1
80 10.5 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.209 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion:198 Resp: 688
Ion Ratio Lower Upper
198 100
51 181.6 45.3 85.3#
105 176.3 30.6 70.6#

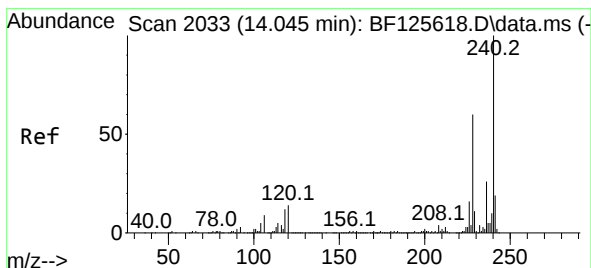
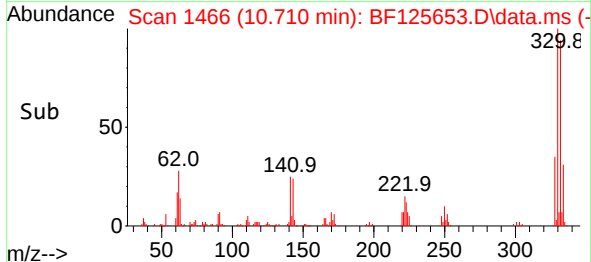
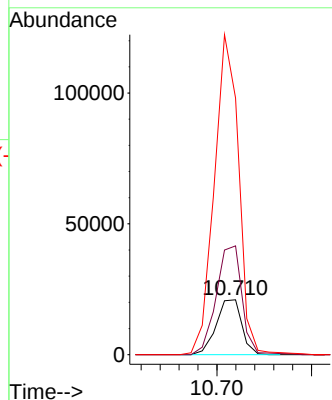
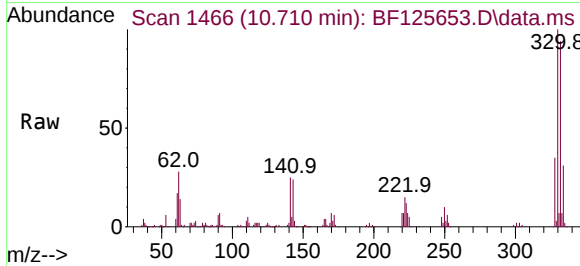




#67
4-Bromophenyl-phenylether
Concen: 3.204 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

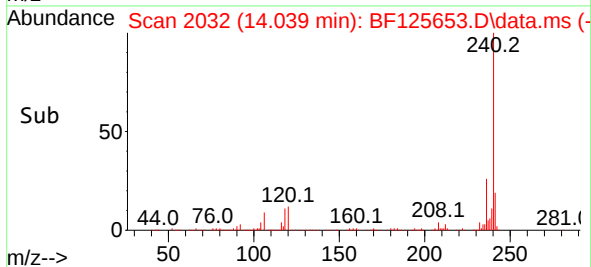
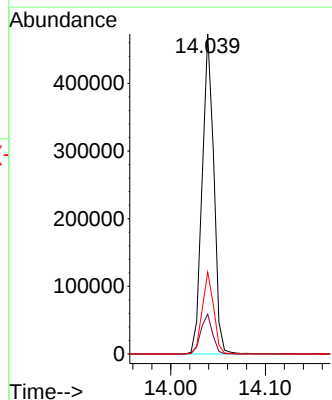
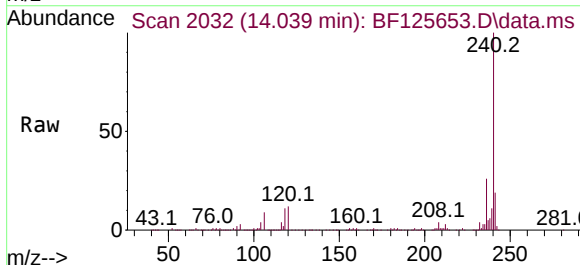
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-03

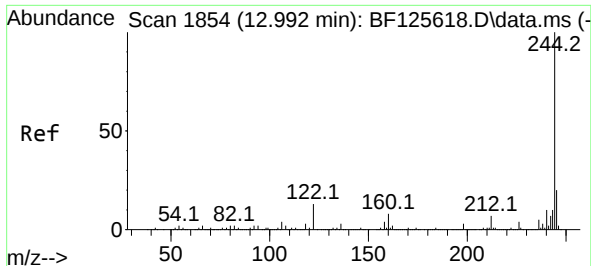
Tgt Ion:248 Resp: 19742
Ion Ratio Lower Upper
248 100
250 198.4 74.2 111.4#
141 468.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125653.D
Acq: 25 Sep 2021 13:23

Tgt Ion:240 Resp: 405329
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 25.6 21.6 32.4





#79

Terphenyl-d14

Concen: 61.809 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF125653.D

Acq: 25 Sep 2021 13:23

Instrument :

BNA_F

ClientSampleId :

DUPLICATE-03

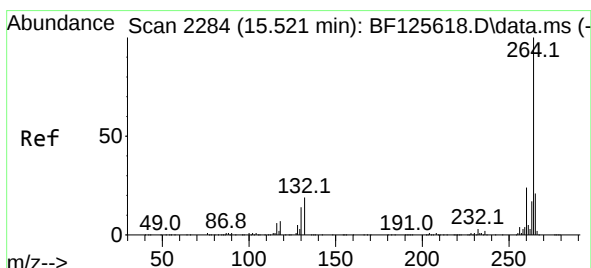
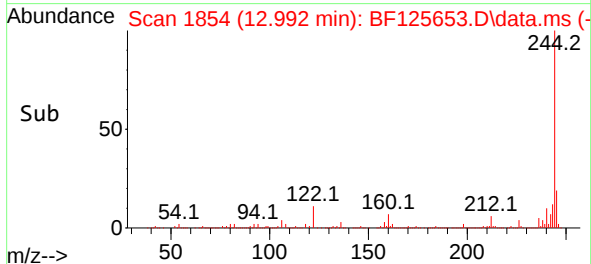
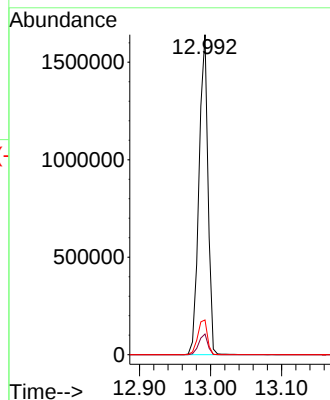
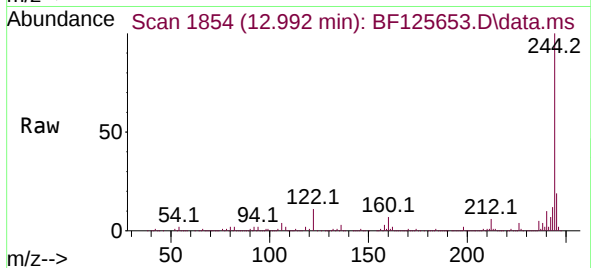
Tgt Ion:244 Resp: 1446666

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 10.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF125653.D

Acq: 25 Sep 2021 13:23

Tgt Ion:264 Resp: 313975

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.3 17.2 25.8

