

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125663.D
 Acq On : 25 Sep 2021 18:36
 Operator : JU/CG
 Sample : M3939-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Sep 27 01:23:30 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)

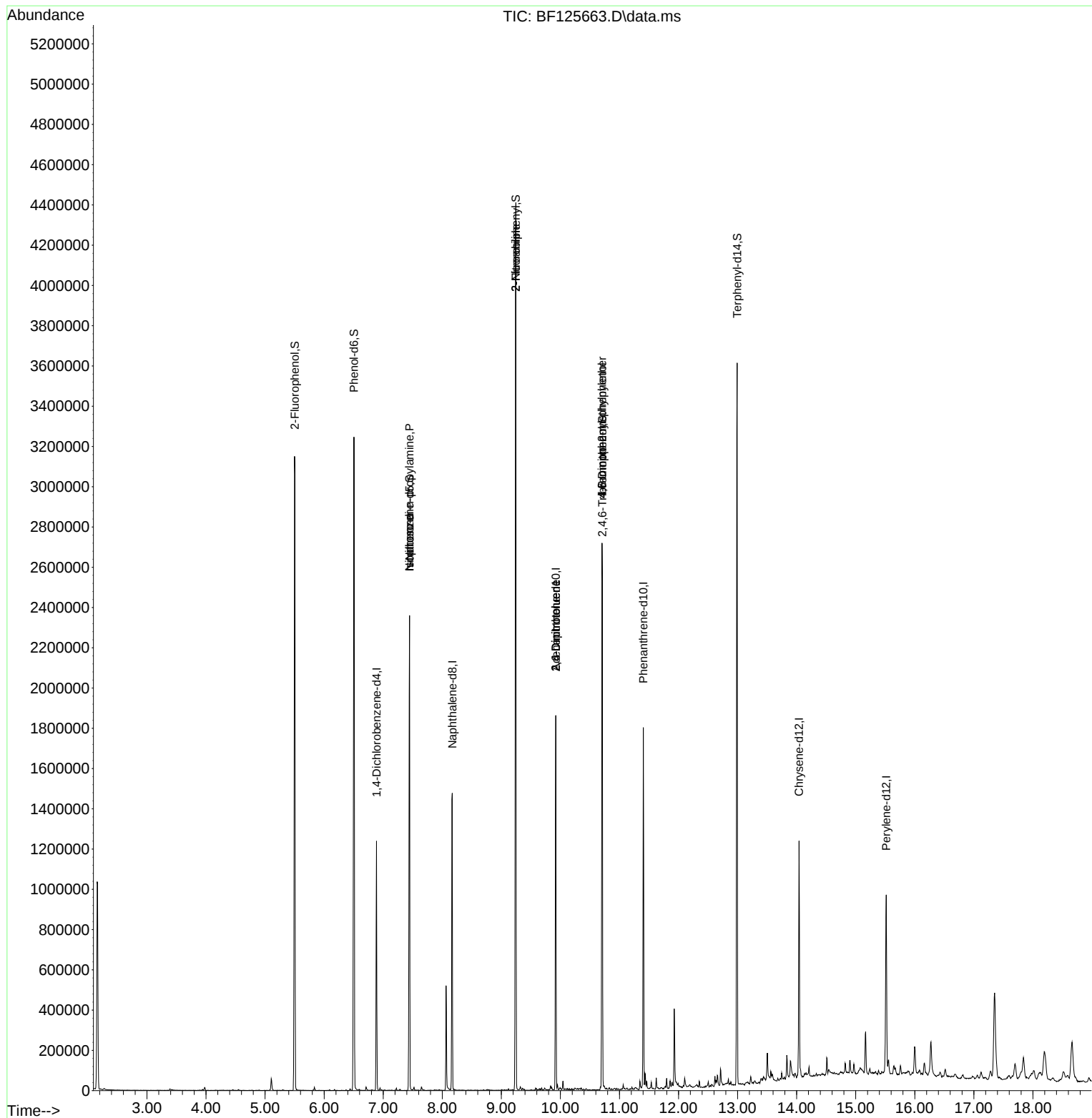
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	171507	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	701096	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	365954	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	601796	20.000	ng	0.00
76) Chrysene-d12	14.039	240	393019	20.000	ng	0.00
86) Perylene-d12	15.515	264	393266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1045460	100.431	ng	0.00
7) Phenol-d6	6.504	99	1302269	93.052	ng	0.00
23) Nitrobenzene-d5	7.445	82	767295	76.336	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	375035	109.915	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1477428	70.214	ng	0.00
79) Terphenyl-d14	12.992	244	1239515	54.617	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	269	Below Cal	#	62
19) n-Nitroso-di-n-propyla...	7.445	70	95343	11.965	ng	# 50
25) Isophorone	7.445	82	765237	33.994	ng	# 59
48) 2-Nitroaniline	9.245	65	1920	4.490	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	46697	12.617	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	46697	11.511	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	684	9.203	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	20471	3.241	ng	# 1

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

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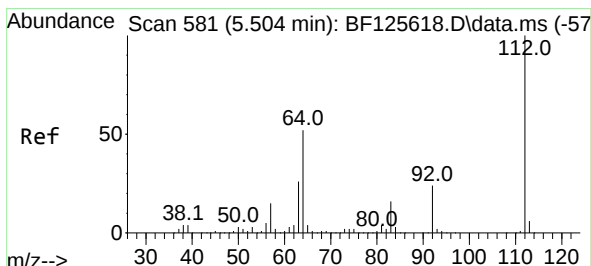
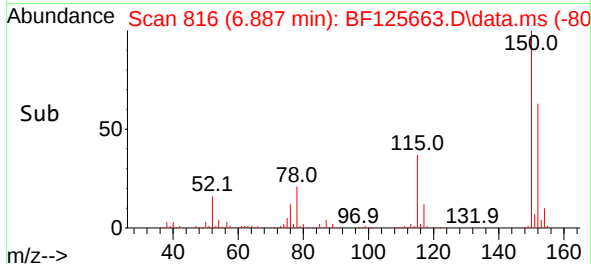
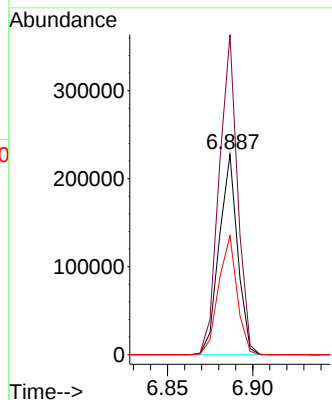
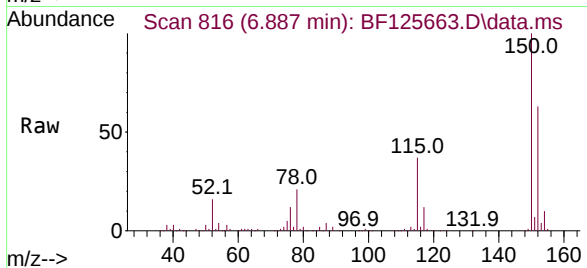




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

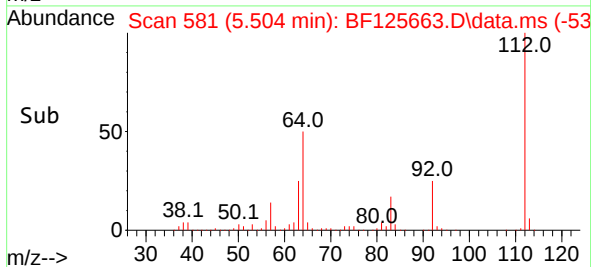
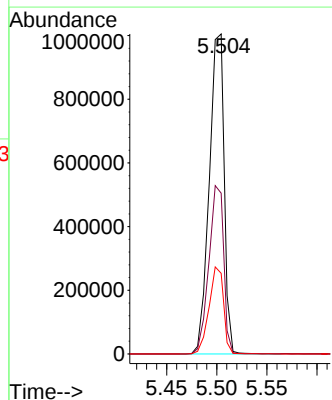
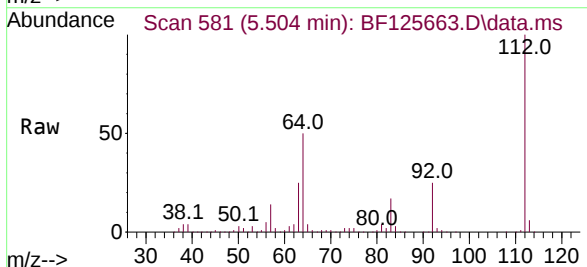
Instrument :
BNA_F
ClientSampleId :
TS-1

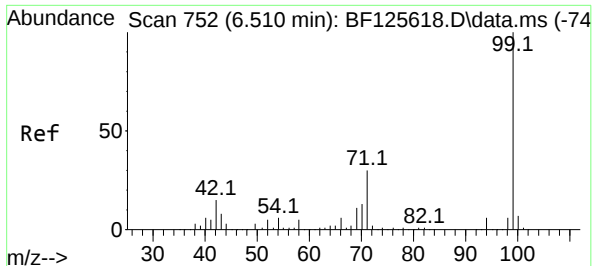
Tgt Ion:152 Resp: 171507
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 100.431 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Tgt Ion:112 Resp: 1045460
Ion Ratio Lower Upper
112 100
64 50.2 44.2 66.2
63 25.2 26.2 39.2#

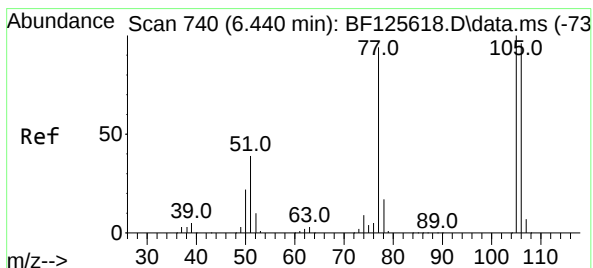
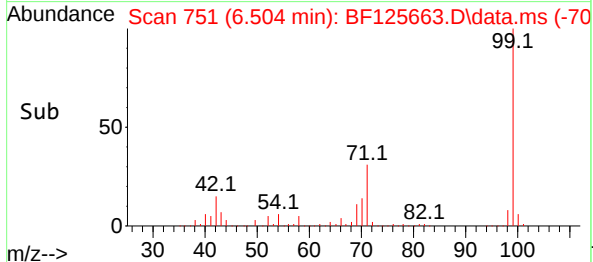
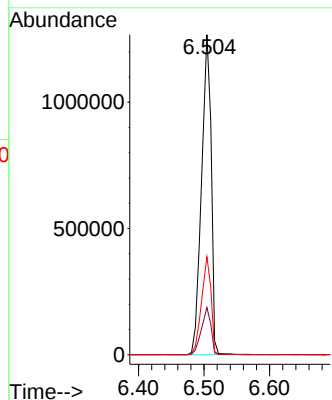
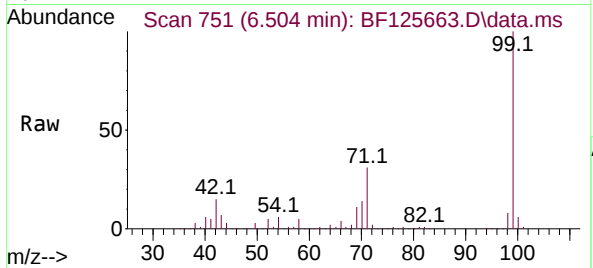




#7
Phenol-d6
Concen: 93.052 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

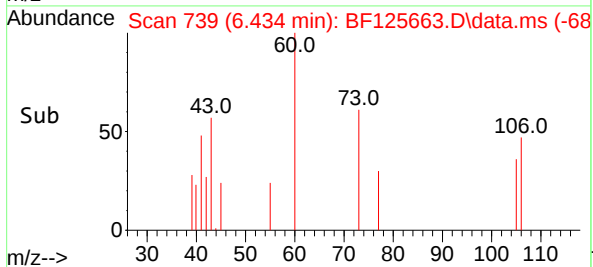
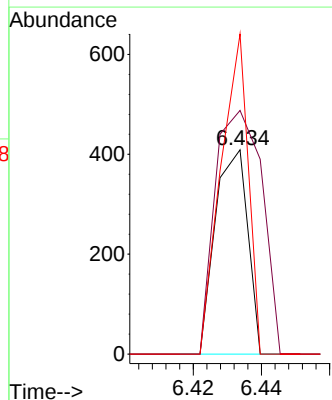
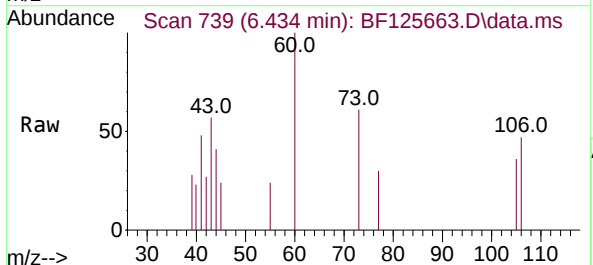
Instrument :
BNA_F
ClientSampled :
TS-1

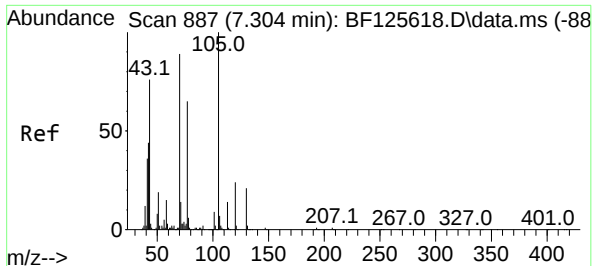
Tgt Ion: 99 Resp: 1302269
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 30.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

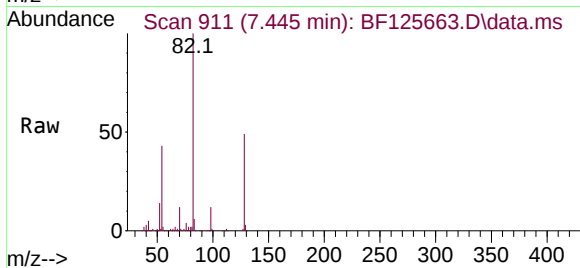
Tgt Ion: 77 Resp: 269
Ion Ratio Lower Upper
77 100
105 119.3 75.9 115.9#
106 156.7 84.0 124.0#



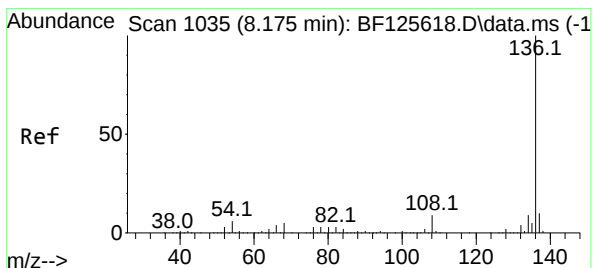
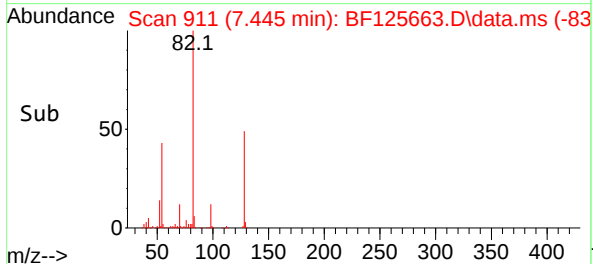
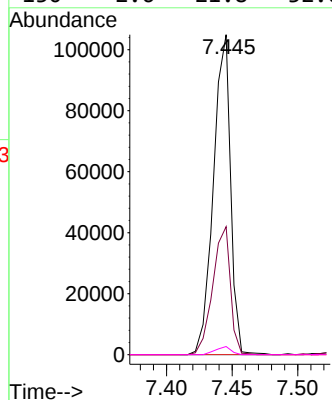


#19
n-Nitroso-di-n-propylamine
Concen: 11.965 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Instrument :
BNA_F
ClientSampleId :
TS-1

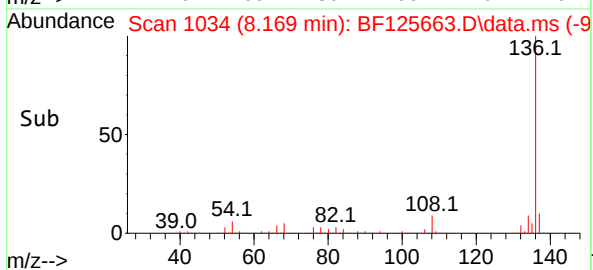
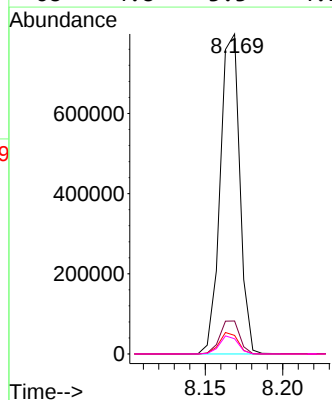
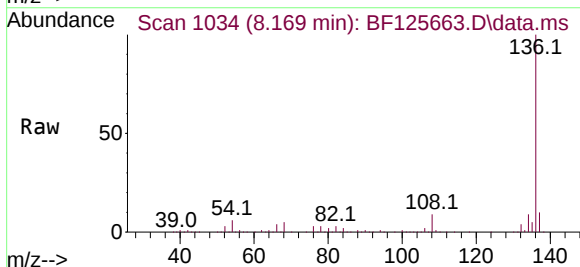


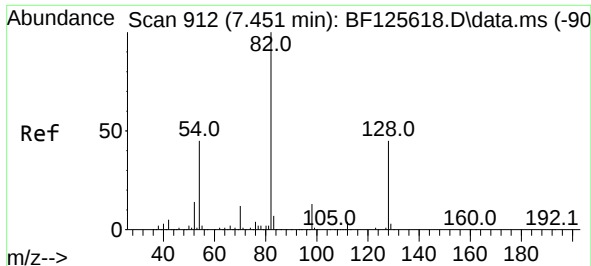
Tgt Ion: 70 Resp: 95343
Ion Ratio Lower Upper
70 100
42 40.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Tgt Ion: 136 Resp: 701096
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 5.8 6.4 9.6#
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 76.336 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125663.D

Acq: 25 Sep 2021 18:36

Instrument :

BNA_F

ClientSampleId :

TS-1

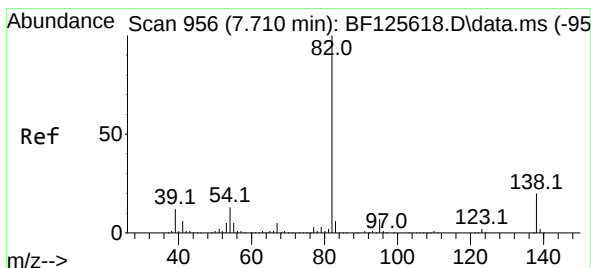
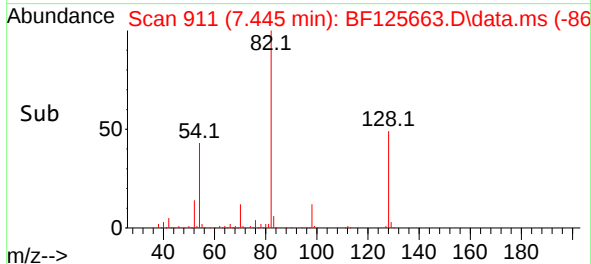
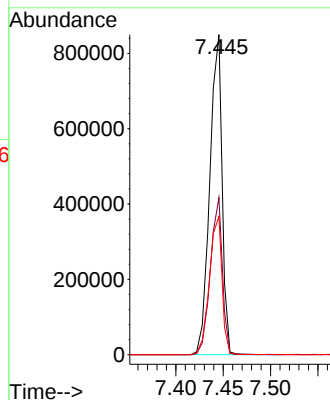
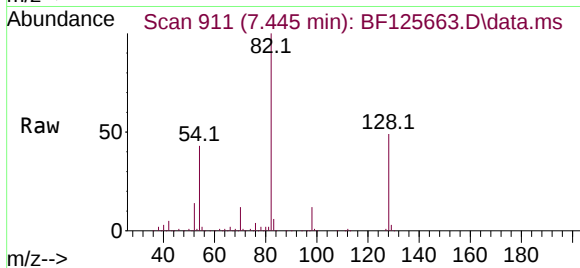
Tgt Ion: 82 Resp: 767295

Ion Ratio Lower Upper

82 100

128 49.1 40.6 60.8

54 43.2 49.6 74.4#



#25

Isophorone

Concen: 33.994 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125663.D

Acq: 25 Sep 2021 18:36

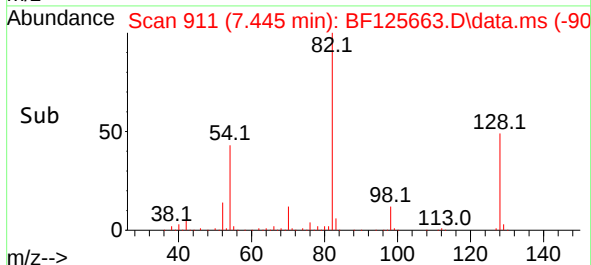
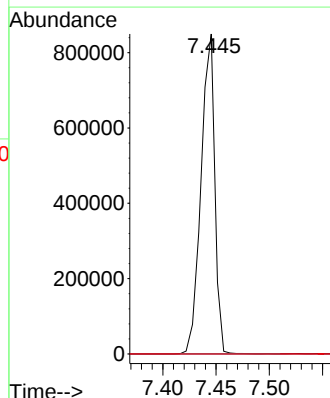
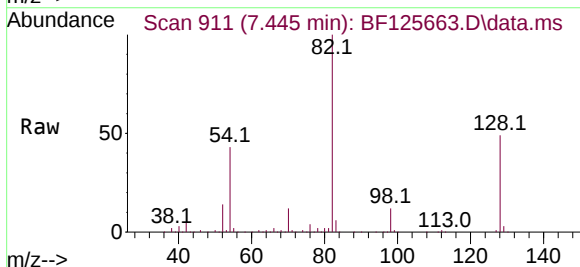
Tgt Ion: 82 Resp: 765237

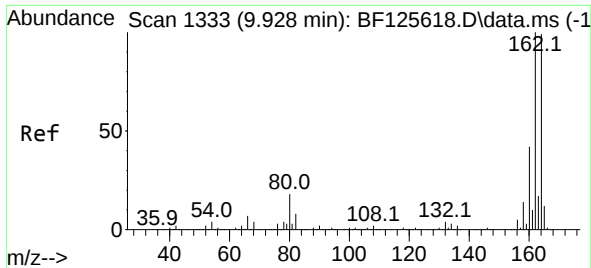
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

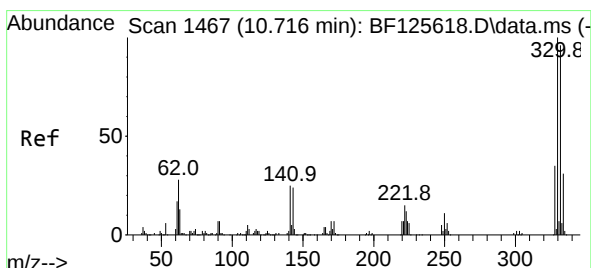
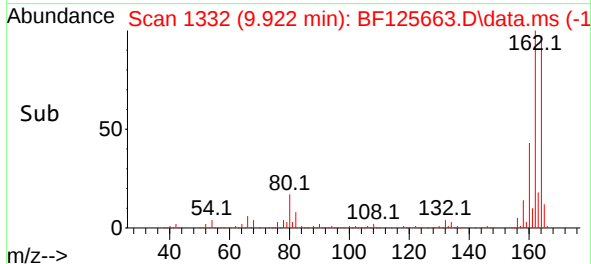
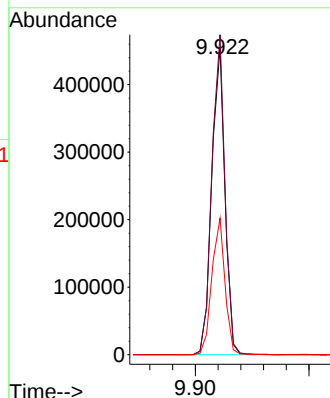
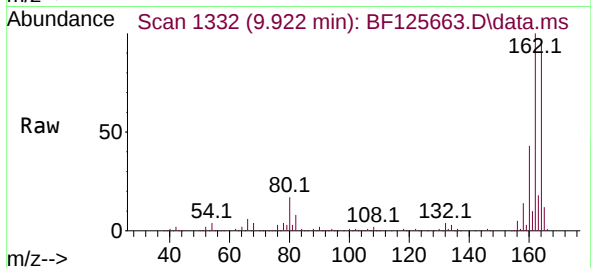




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

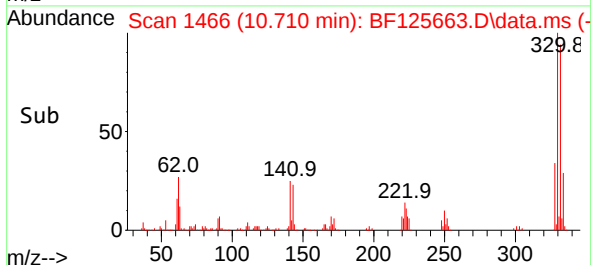
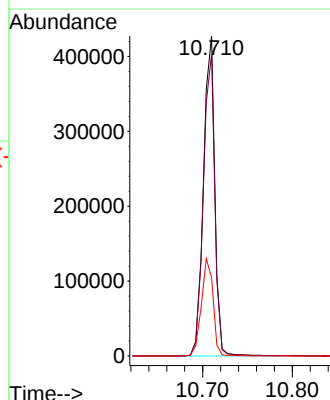
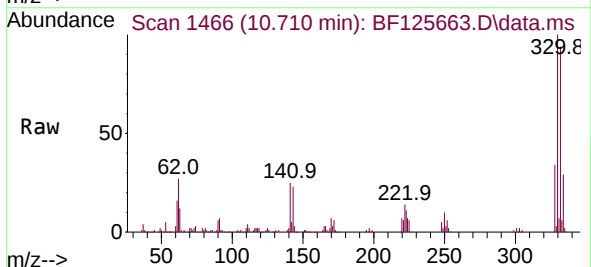
Instrument :
BNA_F
ClientSampleId :
TS-1

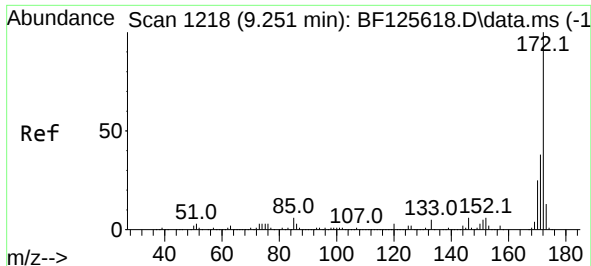
Tgt Ion:164 Resp: 365954
Ion Ratio Lower Upper
164 100
162 104.1 81.3 121.9
160 44.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 109.915 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Tgt Ion:330 Resp: 375035
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.3 44.6 66.8#

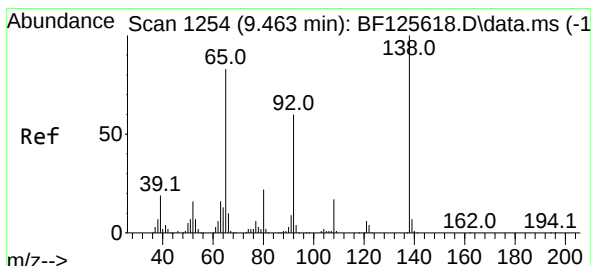
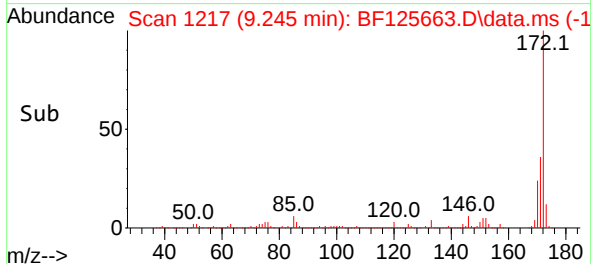
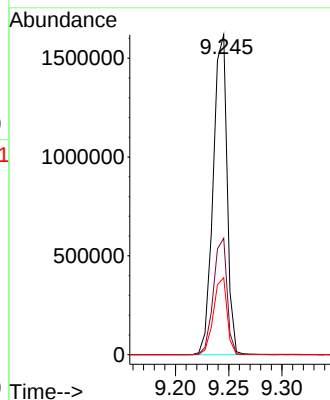
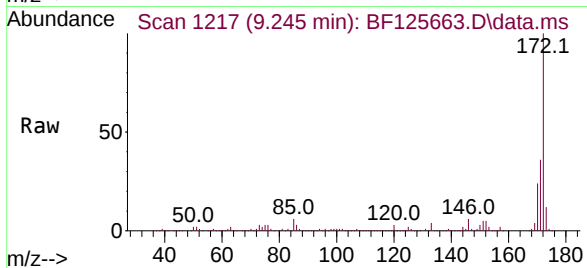




#45
2-Fluorobiphenyl
Concen: 70.214 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

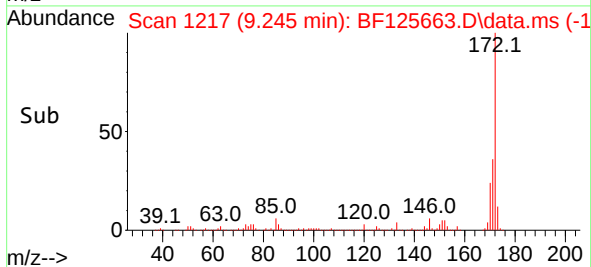
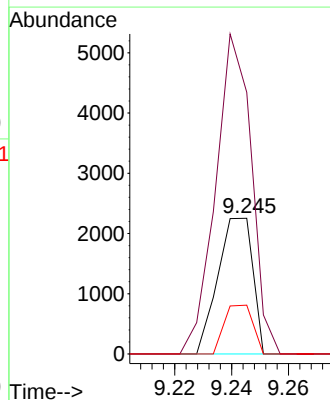
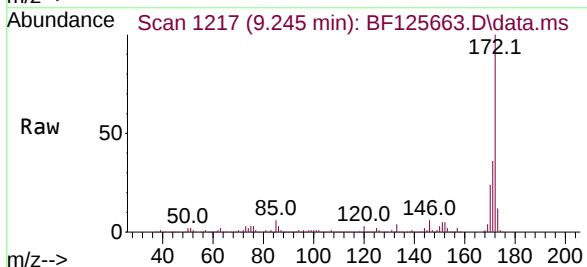
Instrument :
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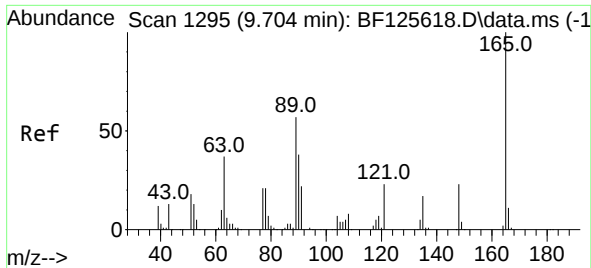
Tgt Ion:172 Resp: 1477428
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.490 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Tgt Ion: 65 Resp: 1920
Ion Ratio Lower Upper
65 100
92 192.9 55.5 83.3#
138 36.0 93.5 140.3#

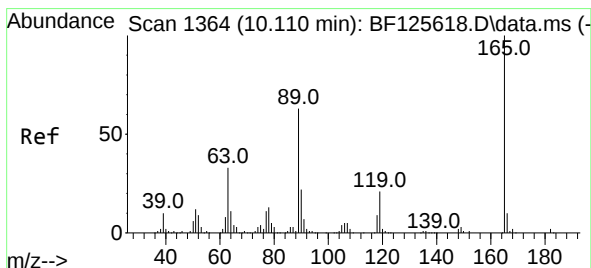
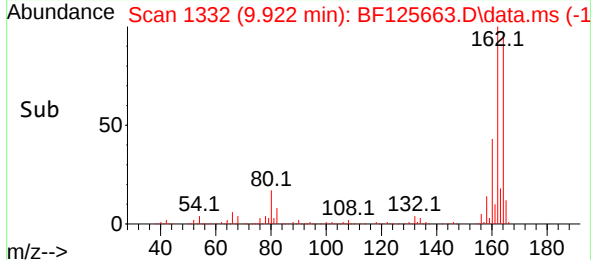
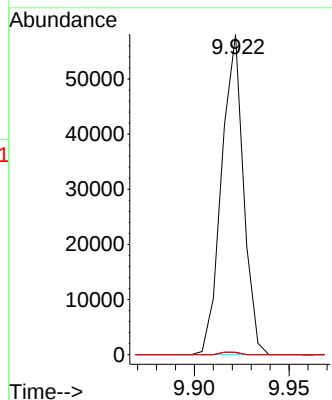
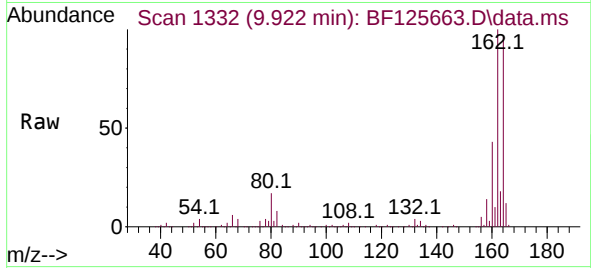




#51
2,6-Dinitrotoluene
Concen: 12.617 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

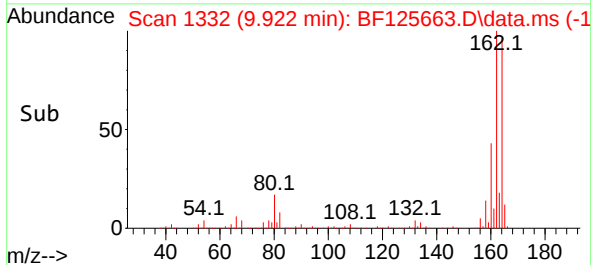
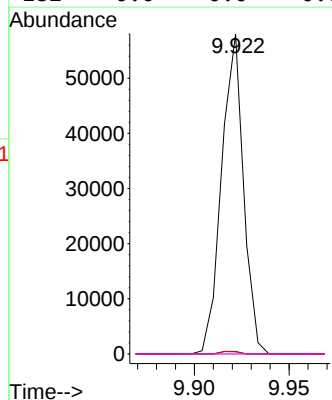
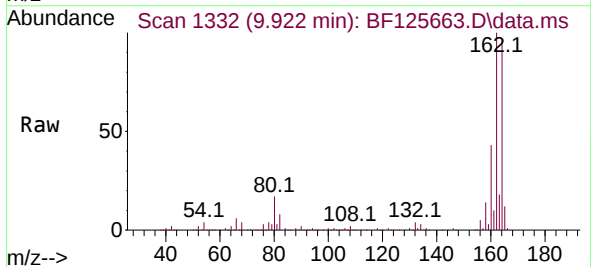
Instrument :
BNA_F
ClientSampled :
TS-1

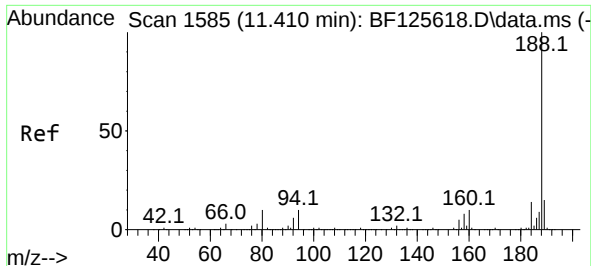
Tgt Ion:165 Resp: 46697
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.511 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Tgt Ion:165 Resp: 46697
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0

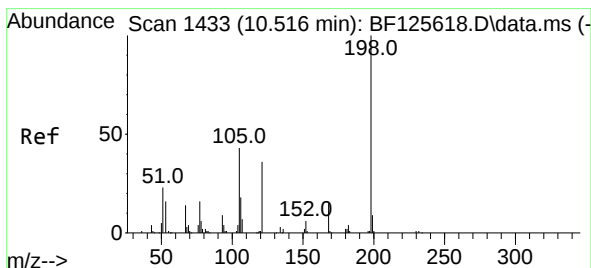
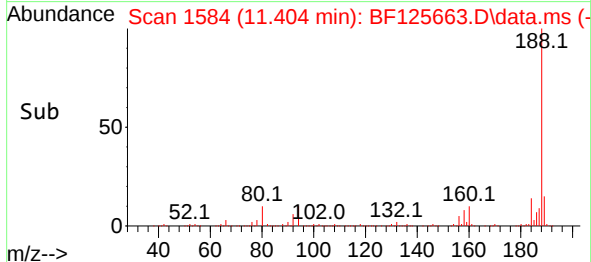
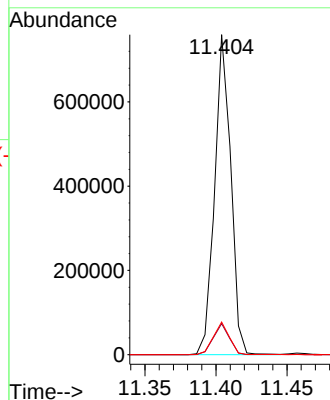
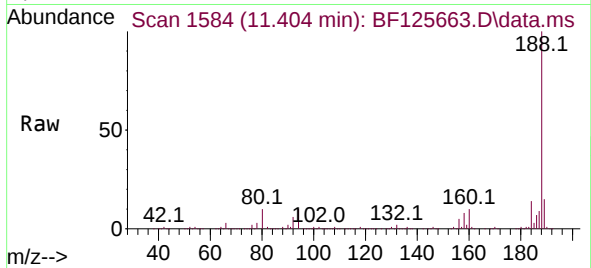




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

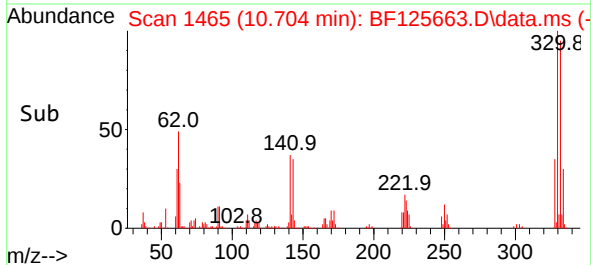
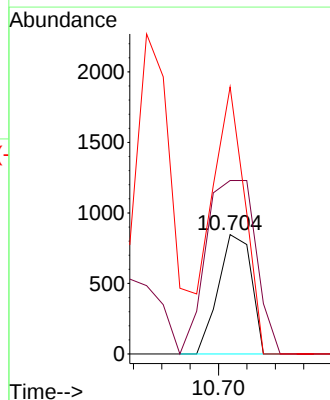
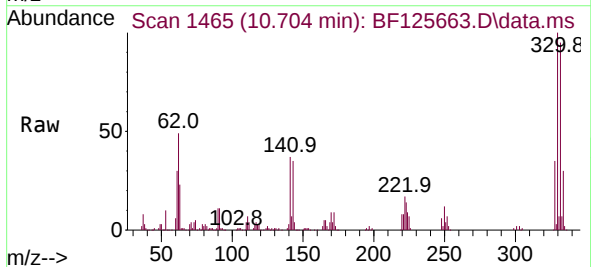
Instrument :
BNA_F
ClientSampleId :
TS-1

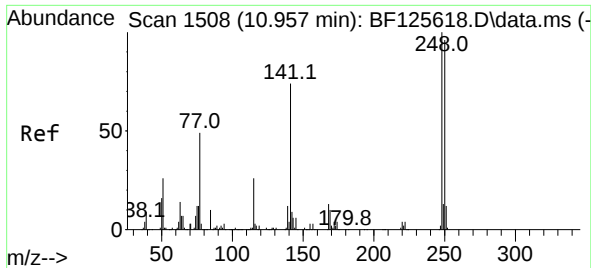
Tgt Ion:188 Resp: 601796
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.2 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.203 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Tgt Ion:198 Resp: 684
Ion Ratio Lower Upper
198 100
51 145.4 45.3 85.3#
105 223.9 30.6 70.6#

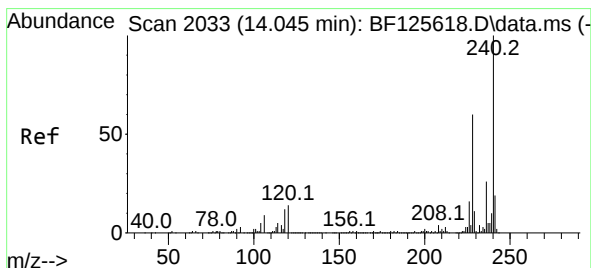
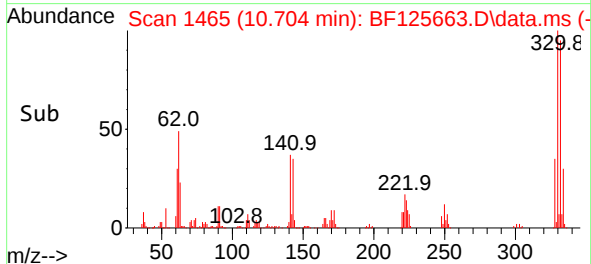
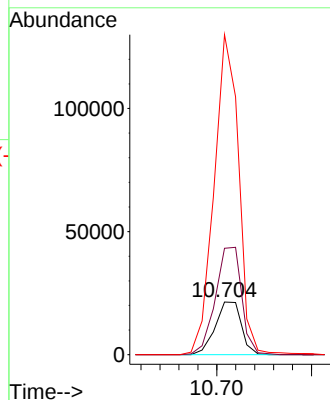
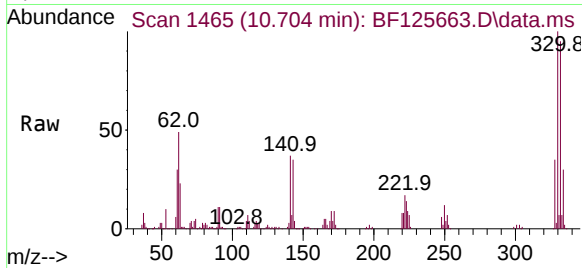




#67
4-Bromophenyl-phenylether
Concen: 3.241 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

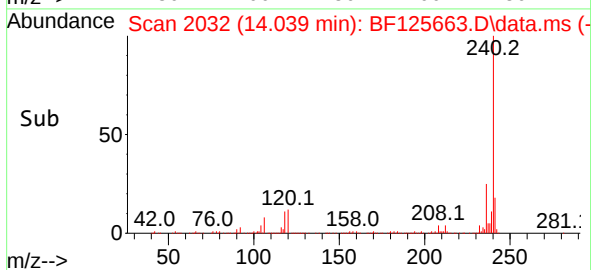
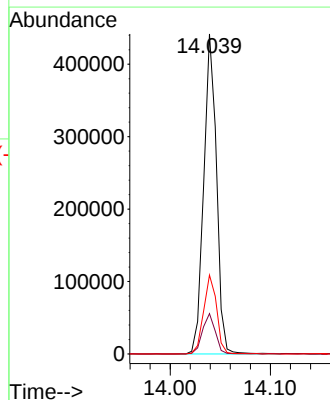
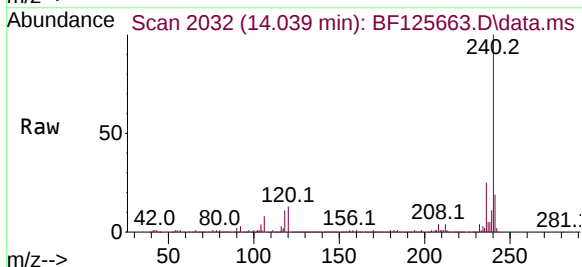
Instrument :
BNA_F
ClientSampleId :
TS-1

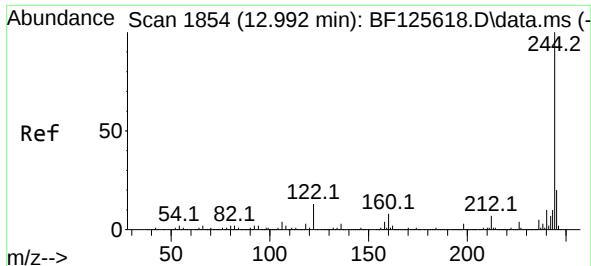
Tgt Ion:248 Resp: 20471
Ion Ratio Lower Upper
248 100
250 202.2 74.2 111.4#
141 608.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125663.D
Acq: 25 Sep 2021 18:36

Tgt Ion:240 Resp: 393019
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 24.7 21.6 32.4

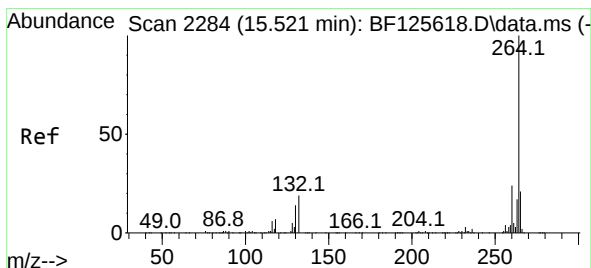
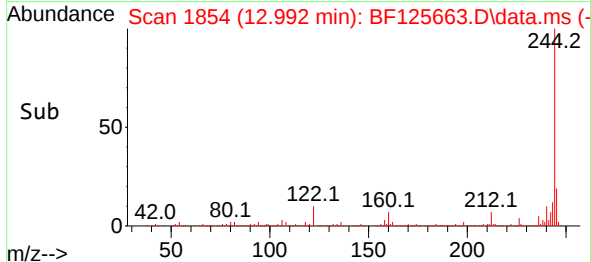
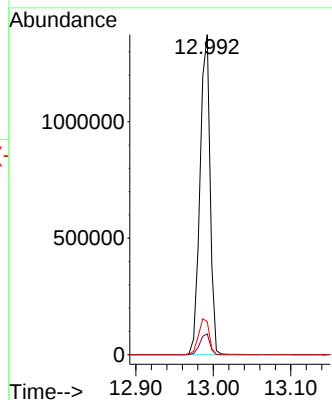
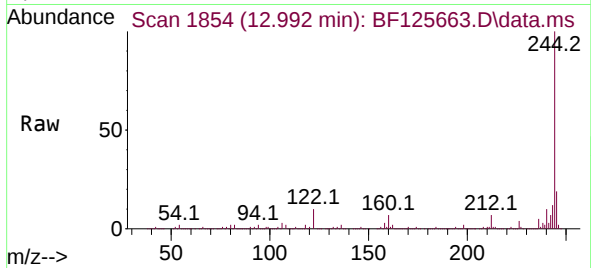




#79
 Terphenyl-d14
 Concen: 54.617 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF125663.D
 Acq: 25 Sep 2021 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tgt Ion:244 Resp: 1239515
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 10.3 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: BF125663.D
 Acq: 25 Sep 2021 18:36

Tgt Ion:264 Resp: 393266
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 20.7 17.2 25.8

