

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125637.D
 Acq On : 24 Sep 2021 23:56
 Operator : JU/CG
 Sample : M3916-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:02:28 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)

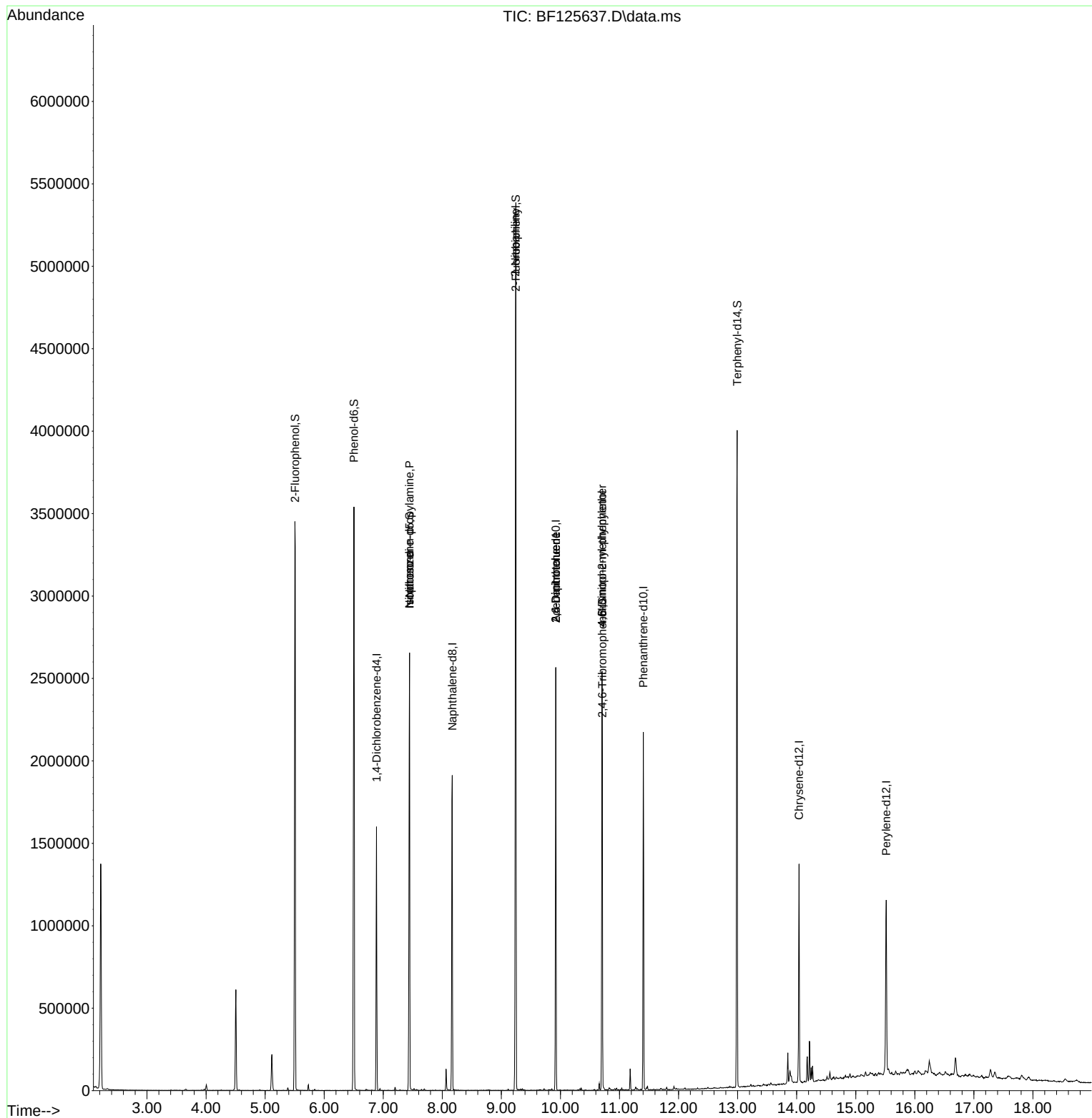
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	226413	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	928040	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	472763	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	740178	20.000	ng	0.00
76) Chrysene-d12	14.039	240	407139	20.000	ng	0.00
86) Perylene-d12	15.515	264	467247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1156435	84.152	ng	0.00
7) Phenol-d6	6.504	99	1464119	79.247	ng	0.00
23) Nitrobenzene-d5	7.445	82	881226	66.232	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	321288	72.889	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1771432	64.025	ng	0.00
79) Terphenyl-d14	12.992	244	1375879	58.523	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	346	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.445	70	110574	10.512	ng	# 51
25) Isophorone	7.445	82	878221	29.473	ng	# 59
48) 2-Nitroaniline	9.239	65	2521	4.495	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	59846	12.550	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	59846	11.458	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	753	9.183	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	18296	2.355	ng	# 1

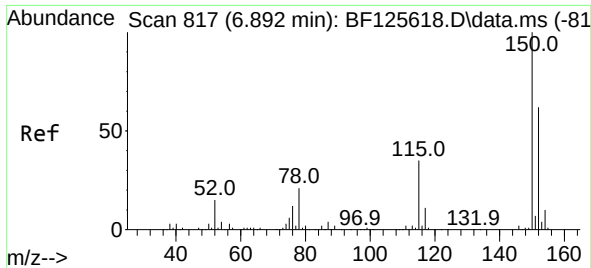
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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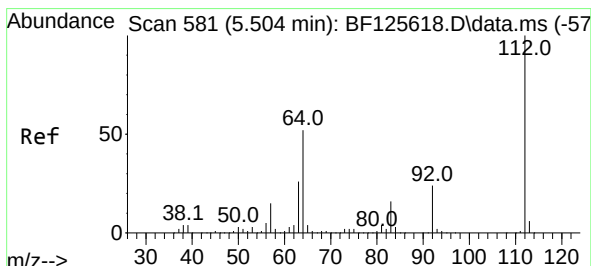
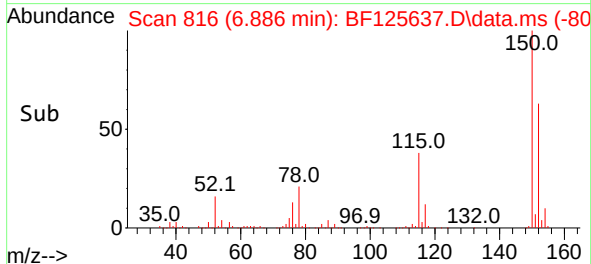
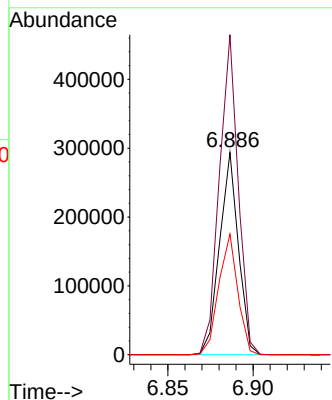
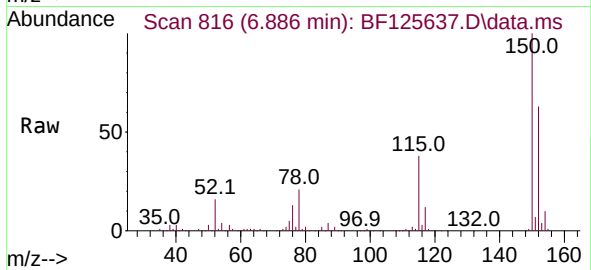




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

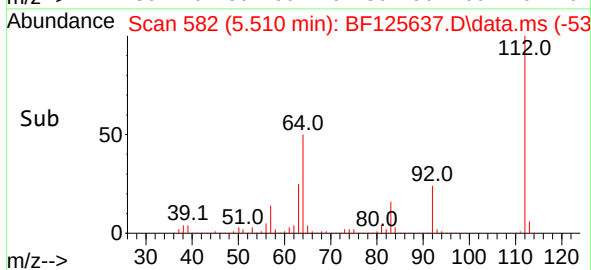
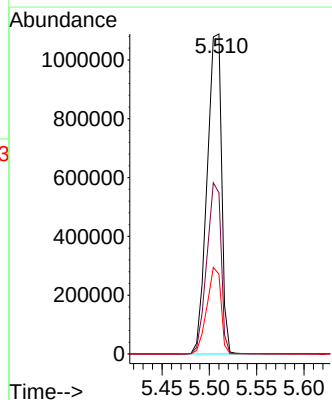
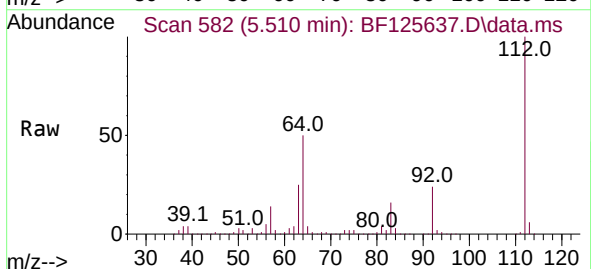
Instrument :
BNA_F
ClientSampleId :

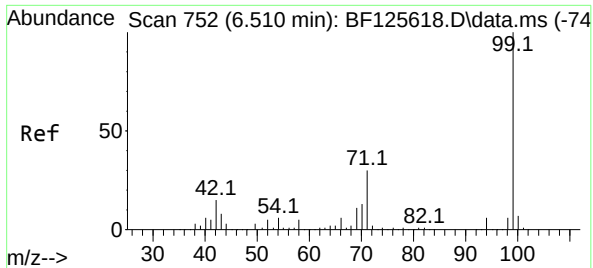
Tgt Ion:152 Resp: 226413
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 84.152 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

Tgt Ion:112 Resp: 1156435
Ion Ratio Lower Upper
112 100
64 50.4 44.2 66.2
63 24.9 26.2 39.2#

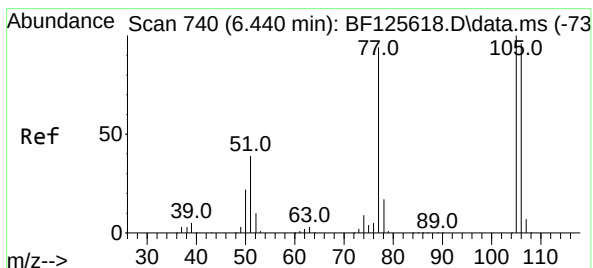
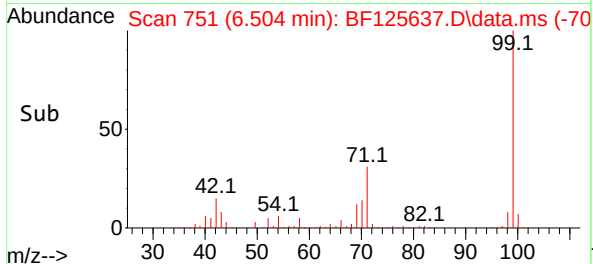
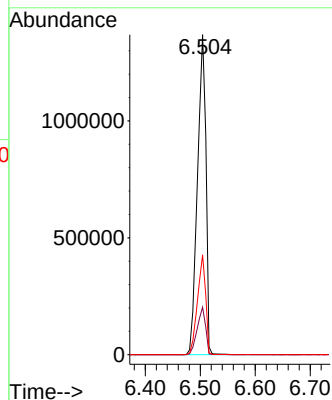
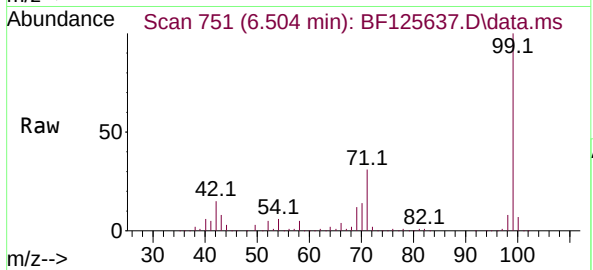




#7
Phenol-d6
Concen: 79.247 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

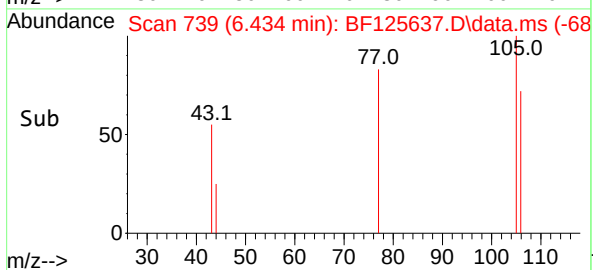
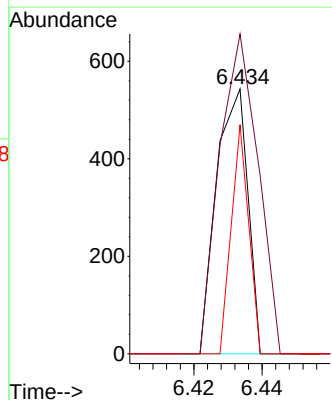
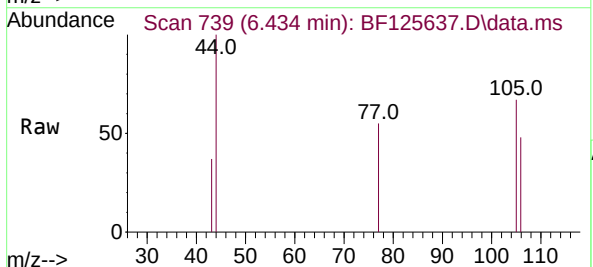
Instrument :
BNA_F
ClientSampleId :

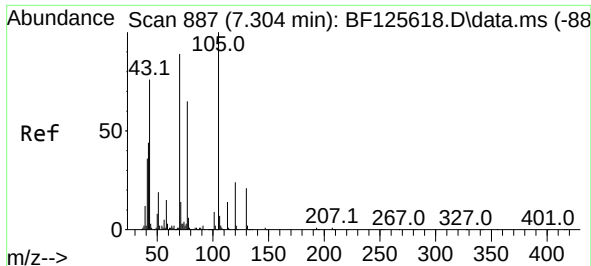
Tgt Ion: 99 Resp: 1464119
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 31.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

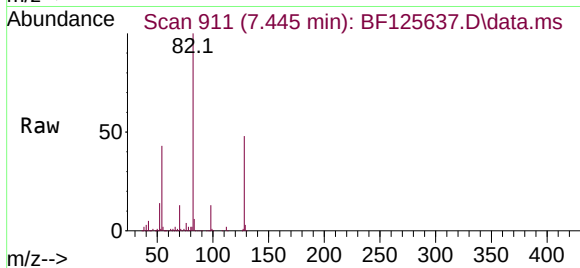
Tgt Ion: 77 Resp: 346
Ion Ratio Lower Upper
77 100
105 120.8 75.9 115.9#
106 86.6 84.0 124.0



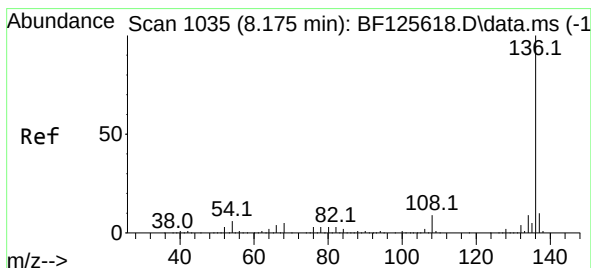
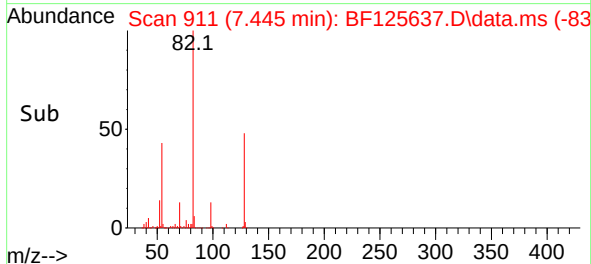
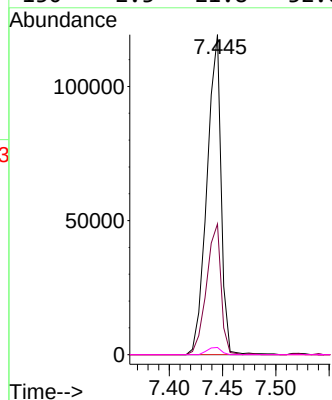


#19
n-Nitroso-di-n-propylamine
Concen: 10.512 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

Instrument :
BNA_F
ClientSampleId :

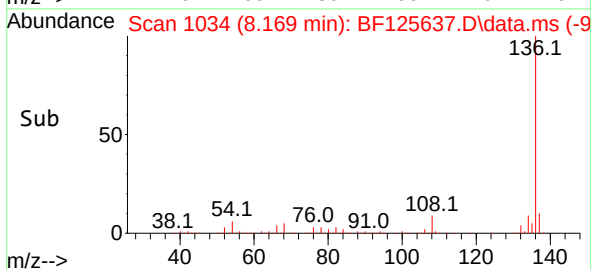
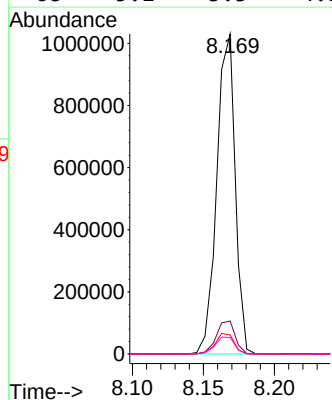
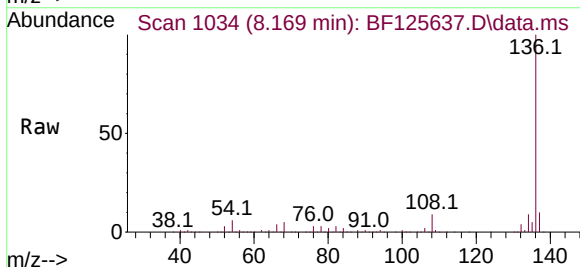


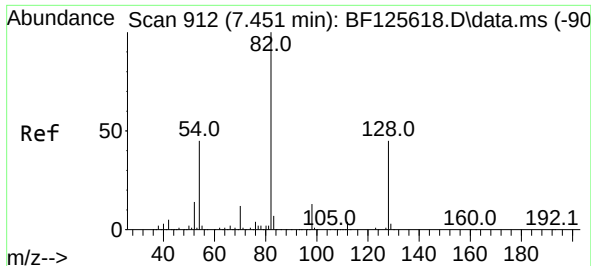
Tgt Ion: 70 Resp: 110574
Ion Ratio Lower Upper
70 100
42 40.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

Tgt Ion: 136 Resp: 928040
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 5.9 6.4 9.6#
68 5.1 3.3 4.9#

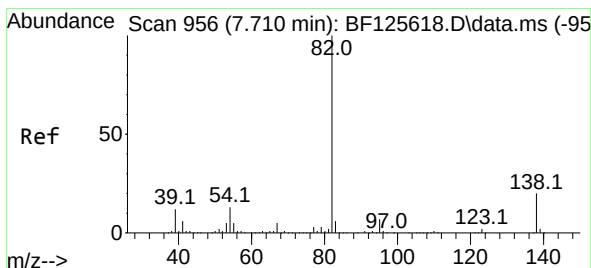
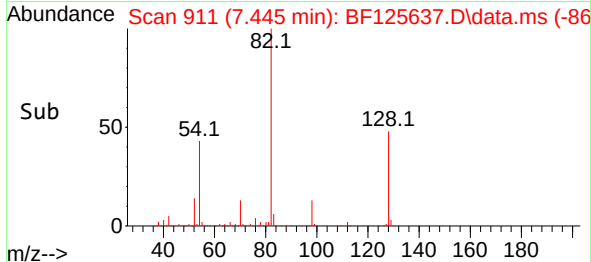
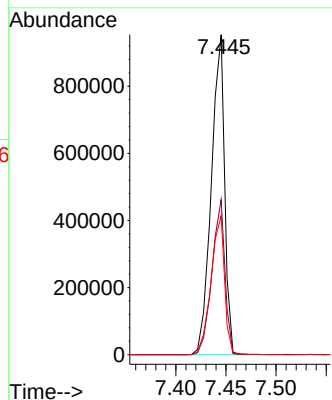
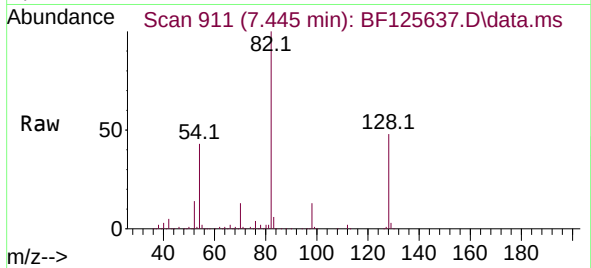




#23
Nitrobenzene-d5
Concen: 66.232 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

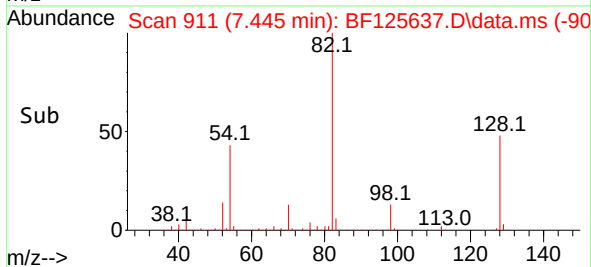
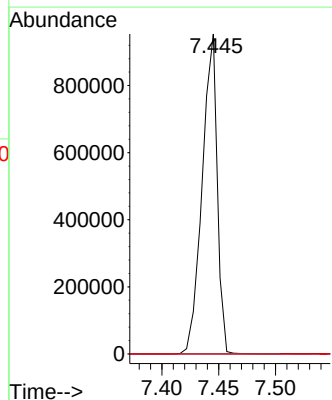
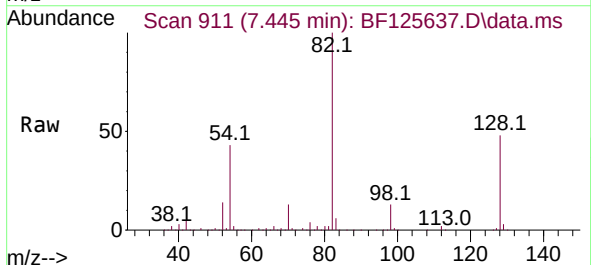
Instrument :
BNA_F
ClientSampleId :

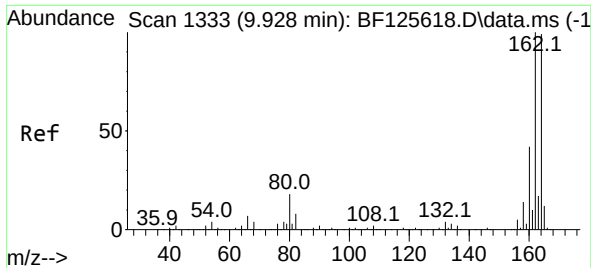
Tgt Ion: 82 Resp: 881226
Ion Ratio Lower Upper
82 100
128 48.4 40.6 60.8
54 43.5 49.6 74.4#



#25
Isophorone
Concen: 29.473 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

Tgt Ion: 82 Resp: 878221
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: BF125637.D

Acq: 24 Sep 2021 23:56

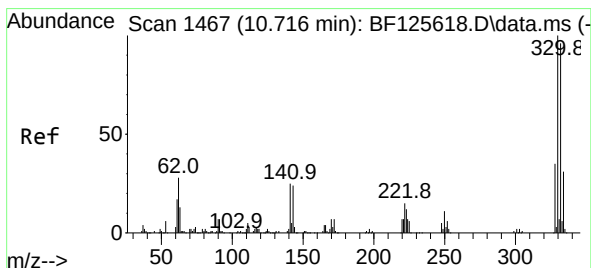
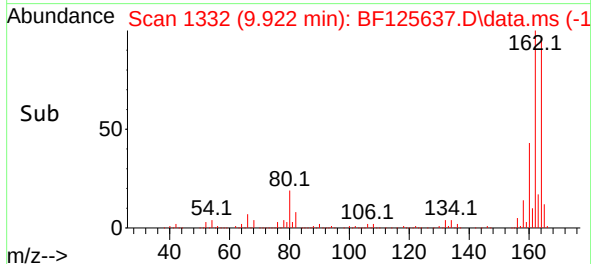
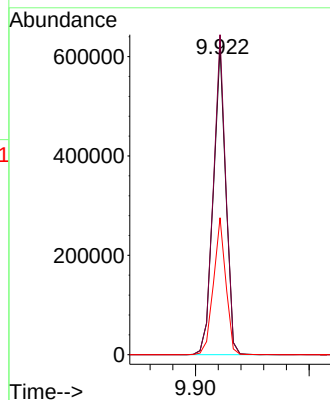
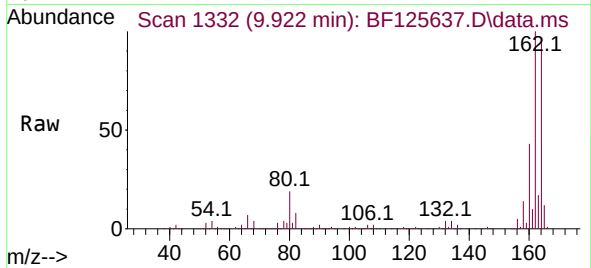
Tgt Ion:164 Resp: 472763

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 44.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 72.889 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125637.D

Acq: 24 Sep 2021 23:56

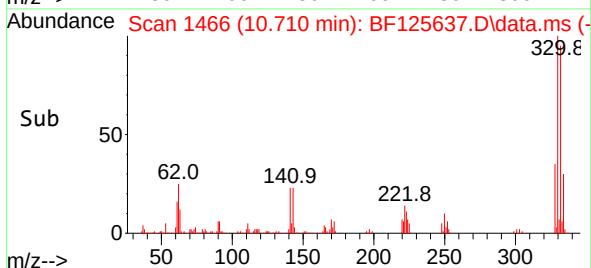
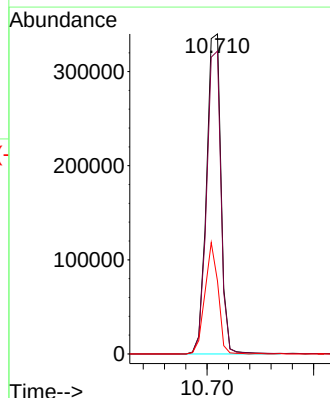
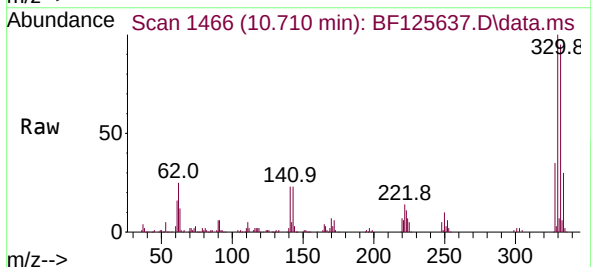
Tgt Ion:330 Resp: 321288

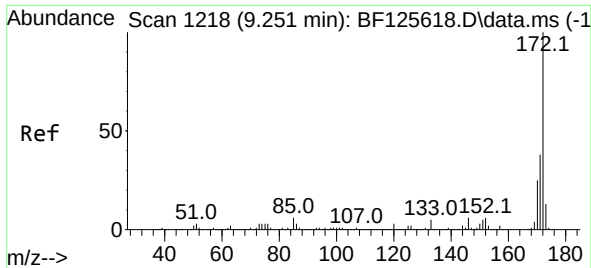
Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.4

141 31.6 44.6 66.8#

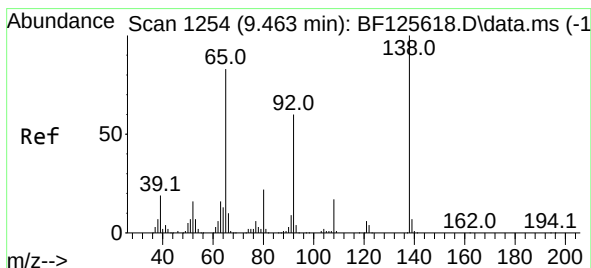
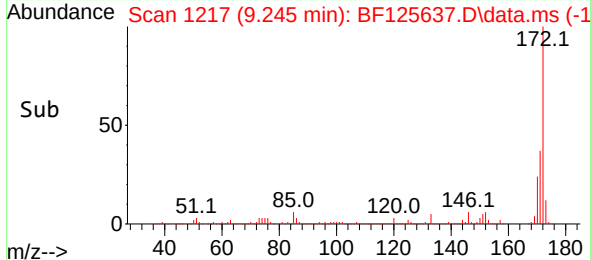
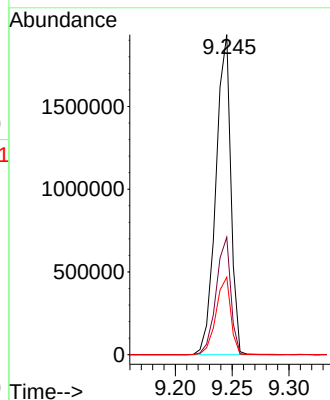
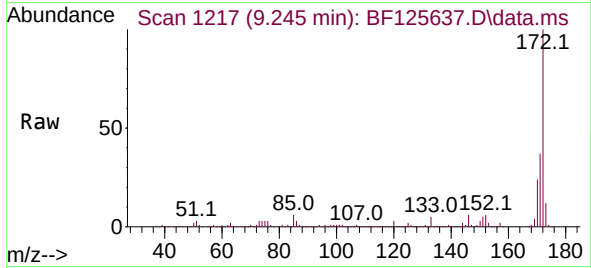




#45
2-Fluorobiphenyl
Concen: 64.025 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

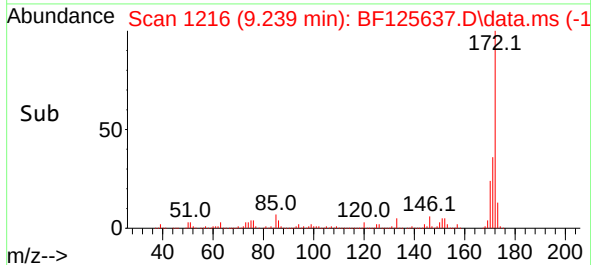
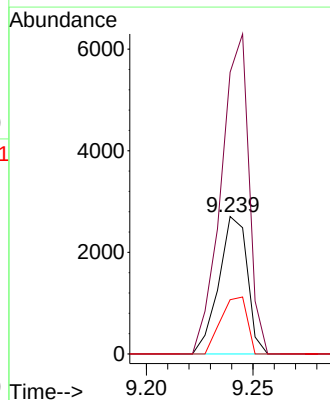
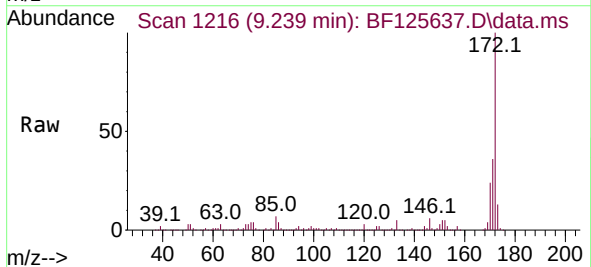
Instrument :
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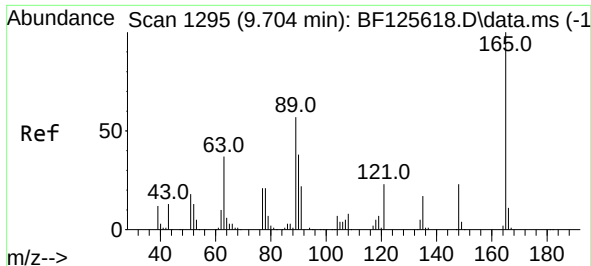
Tgt Ion:172 Resp: 1771432
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.2 18.8 28.2



#48
2-Nitroaniline
Concen: 4.495 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

Tgt Ion: 65 Resp: 2521
Ion Ratio Lower Upper
65 100
92 205.0 55.5 83.3#
138 39.5 93.5 140.3#

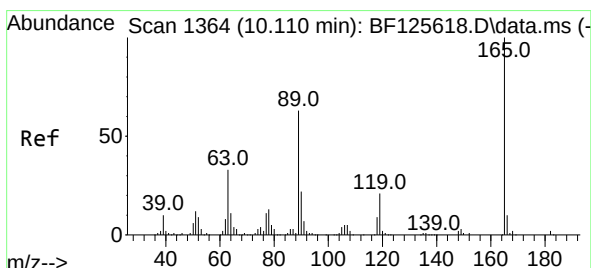
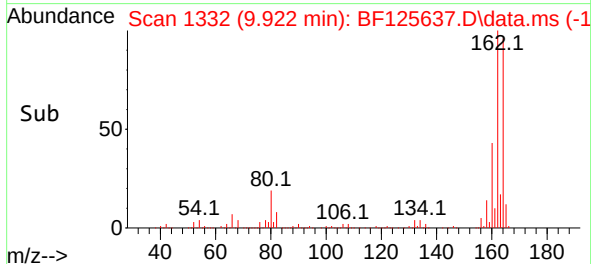
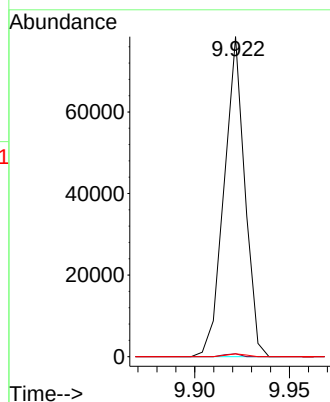
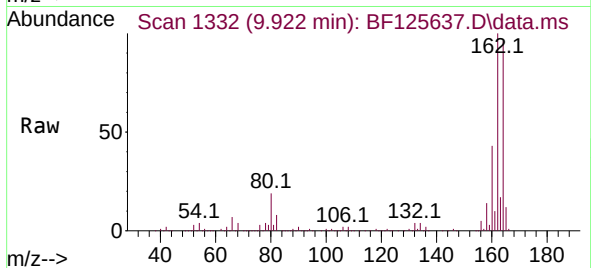




#51
2,6-Dinitrotoluene
Concen: 12.550 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

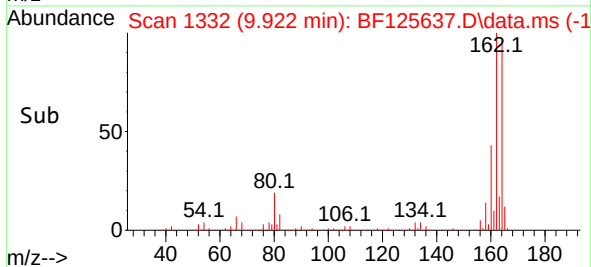
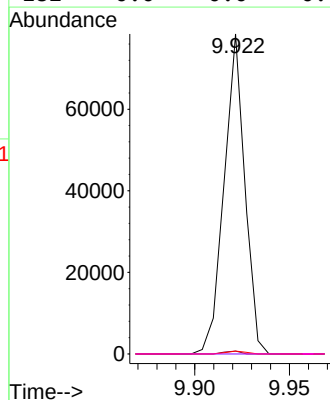
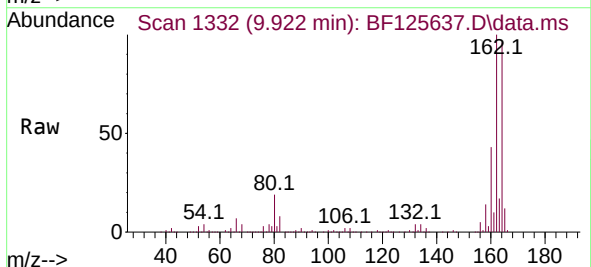
Instrument :
BNA_F
ClientSampleId :

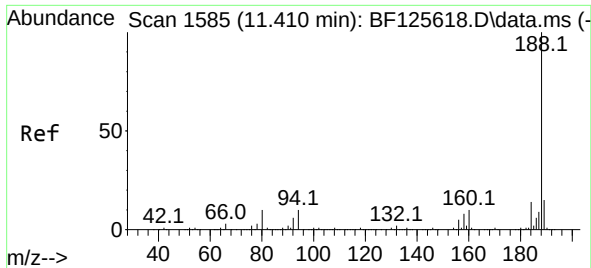
Tgt Ion:165 Resp: 59846
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.458 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

Tgt Ion:165 Resp: 59846
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

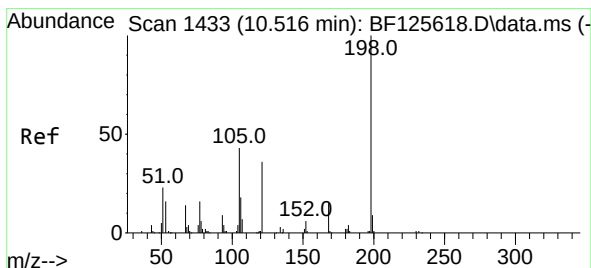
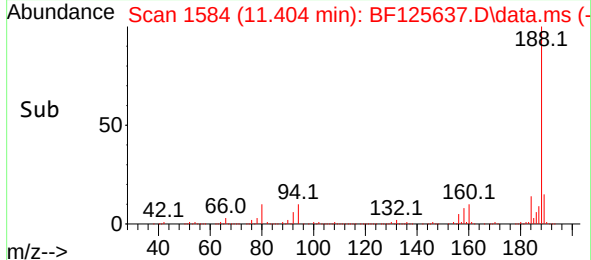
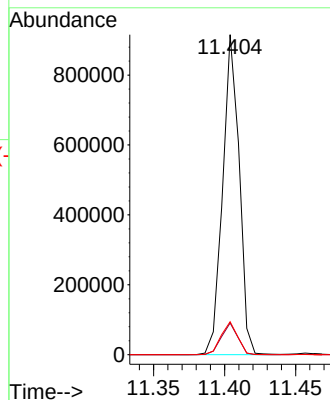
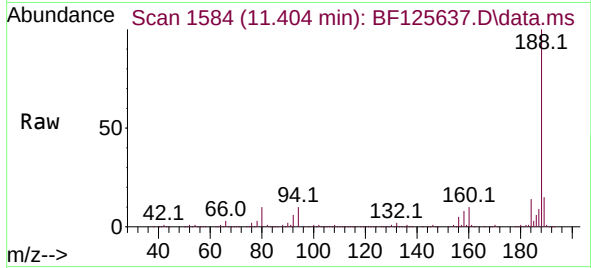




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

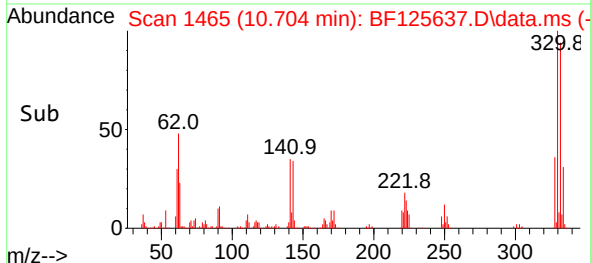
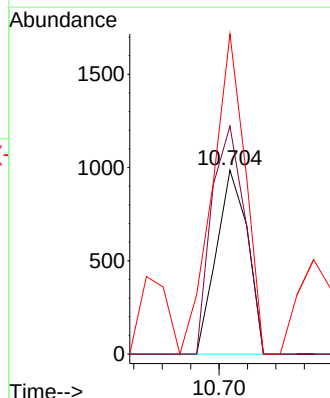
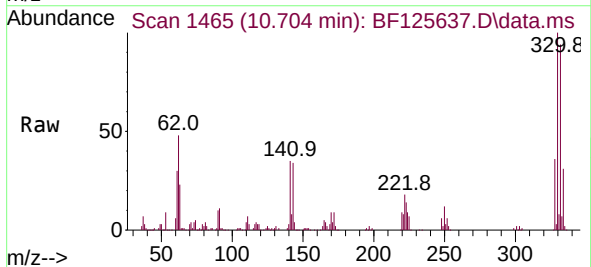
Instrument :
BNA_F
ClientSampleId :

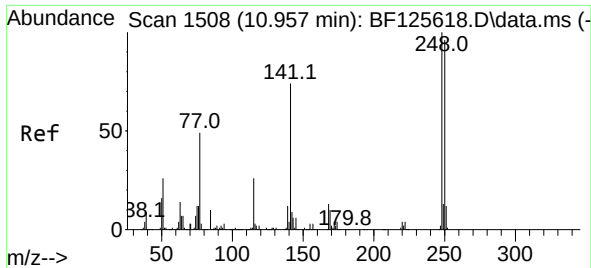
Tgt Ion:188 Resp: 740178
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.3 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.183 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

Tgt Ion:198 Resp: 753
Ion Ratio Lower Upper
198 100
51 124.1 45.3 85.3#
105 174.2 30.6 70.6#

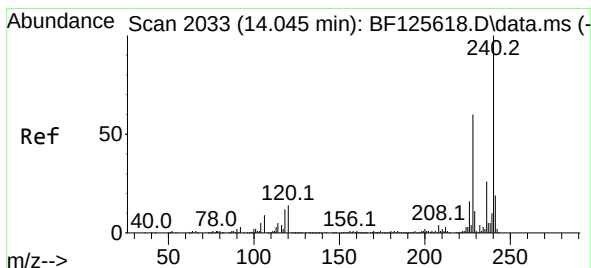
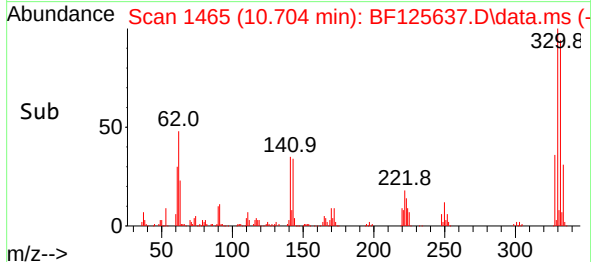
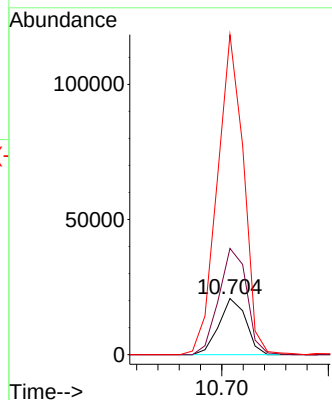
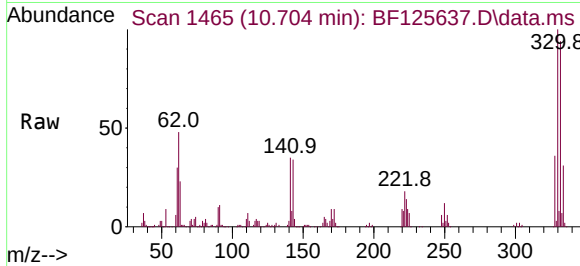




#67
4-Bromophenyl-phenylether
Concen: 2.355 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

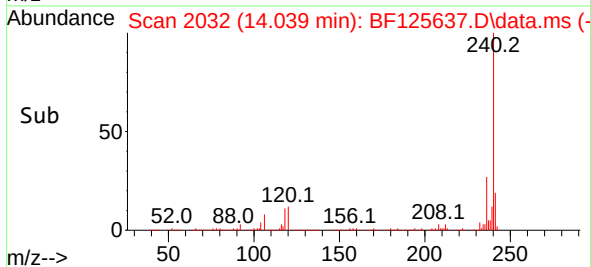
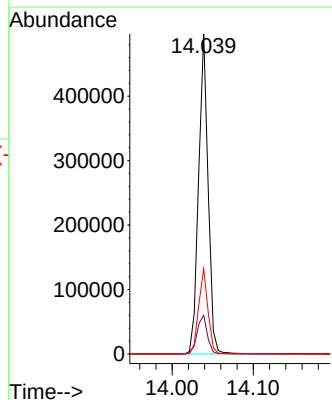
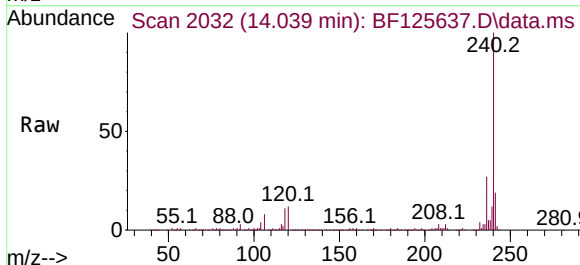
Instrument :
BNA_F
ClientSampleId :

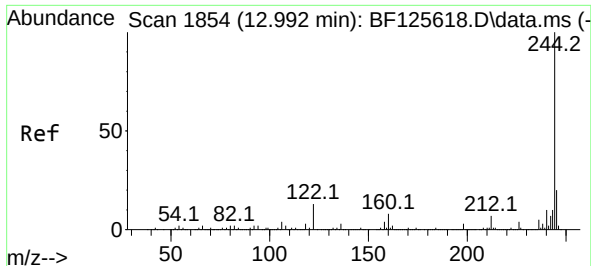
Tgt Ion:248 Resp: 18296
Ion Ratio Lower Upper
248 100
250 189.3 74.2 111.4#
141 570.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

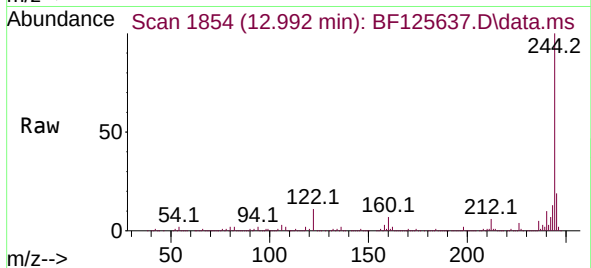
Tgt Ion:240 Resp: 407139
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 26.6 21.6 32.4



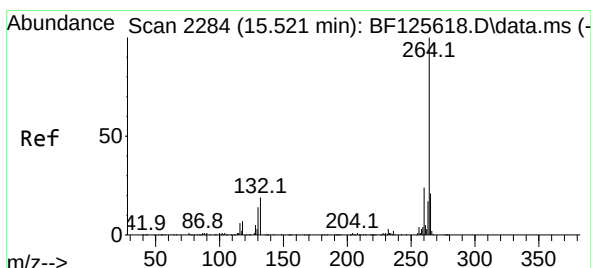
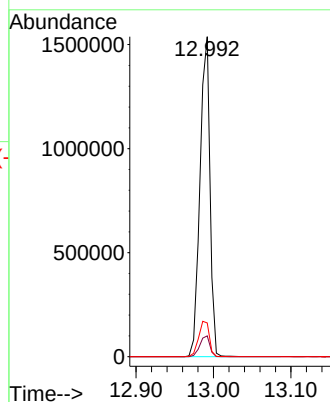
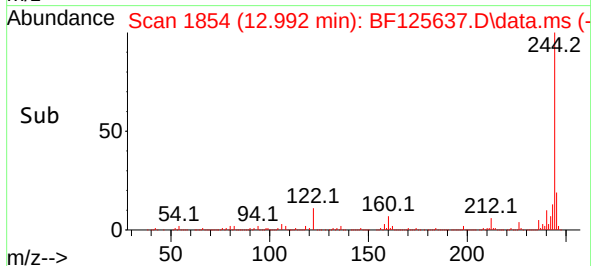


#79
Terphenyl-d14
Concen: 58.523 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125637.D
Acq: 24 Sep 2021 23:56

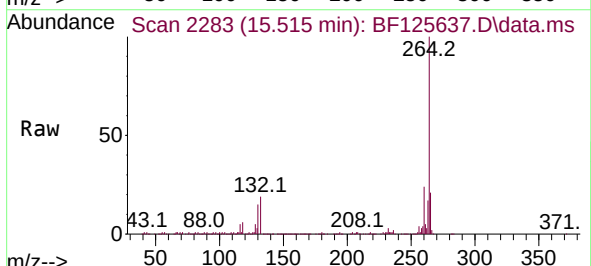
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 1375879
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 10.5 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: BF125637.D
Acq: 24 Sep 2021 23:56



Tgt Ion:264 Resp: 467247
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.7 17.2 25.8

