

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125635.D
 Acq On : 24 Sep 2021 22:54
 Operator : JU/CG
 Sample : M3916-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:02:09 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)

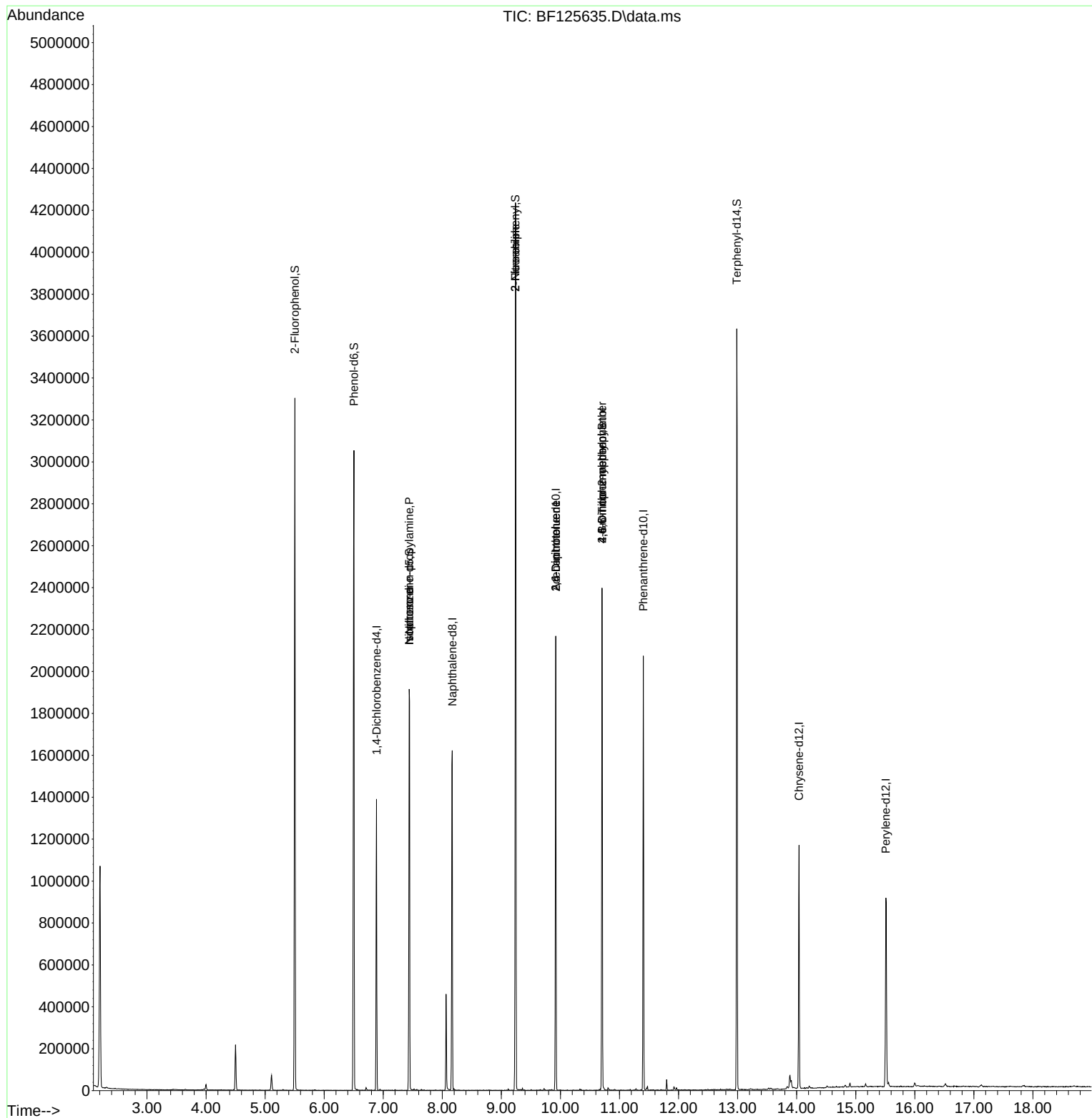
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	199472	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	805802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	419439	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	696455	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	378575	20.000	ng	0.00
86) Perylene-d12	15.509	264	417154	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	951078	78.556	ng	0.00
7) Phenol-d6	6.504	99	1162916	71.445	ng	0.00
23) Nitrobenzene-d5	7.439	82	686167	59.395	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	287626	73.548	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1445055	57.590	ng	-0.01
79) Terphenyl-d14	12.986	244	1260339	57.653	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1577	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.439	70	86701	9.355	ng	# 51
25) Isophorone	7.439	82	684042	26.439	ng	# 59
48) 2-Nitroaniline	9.239	65	1994	4.459	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	53811	12.663	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	53811	11.548	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	664	9.172	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	16429	2.248	ng	# 1

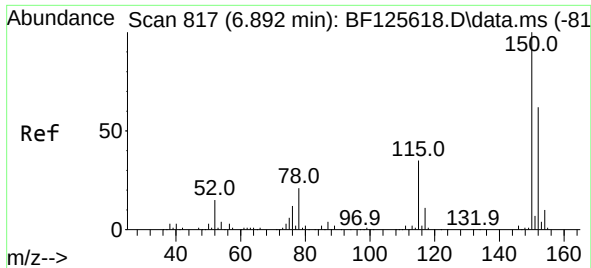
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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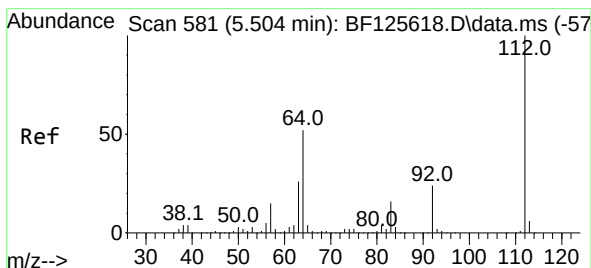
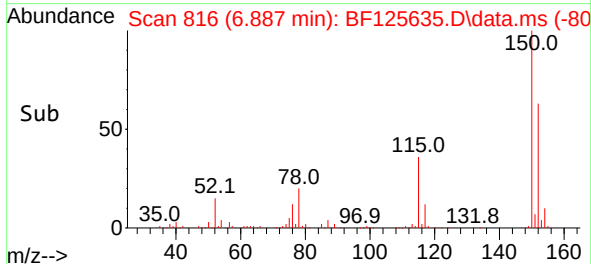
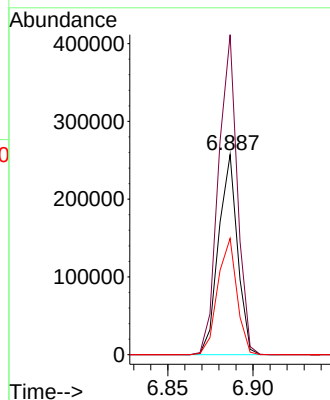
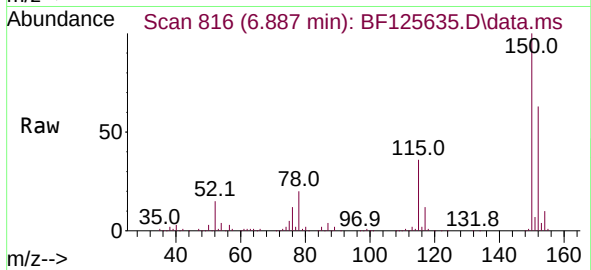




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

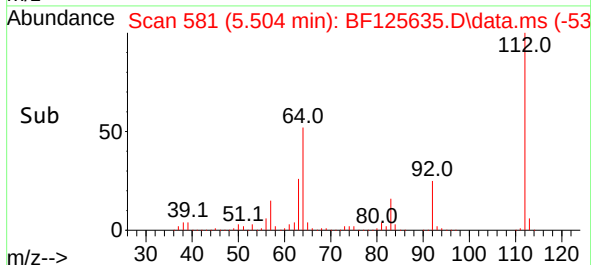
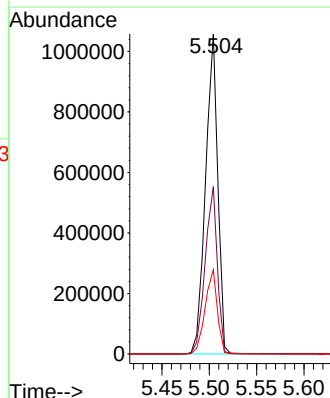
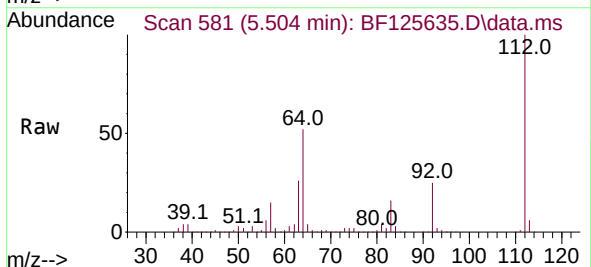
Instrument :
BNA_F
ClientSampleId :

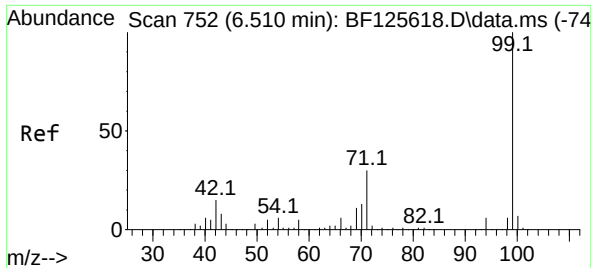
Tgt Ion:152 Resp: 199472
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 78.556 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Tgt Ion:112 Resp: 951078
Ion Ratio Lower Upper
112 100
64 52.3 44.2 66.2
63 26.4 26.2 39.2

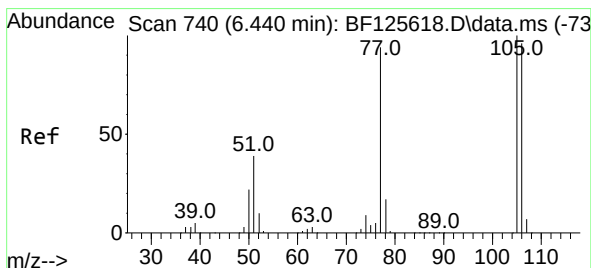
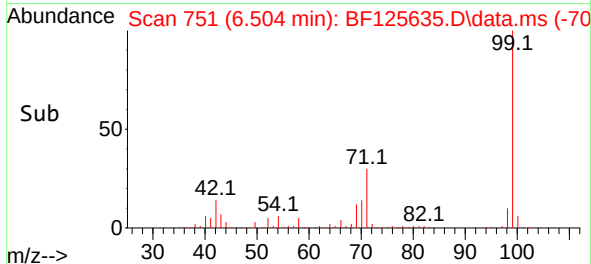
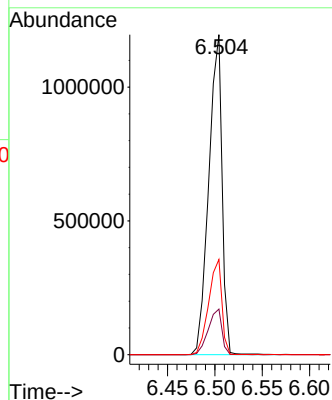
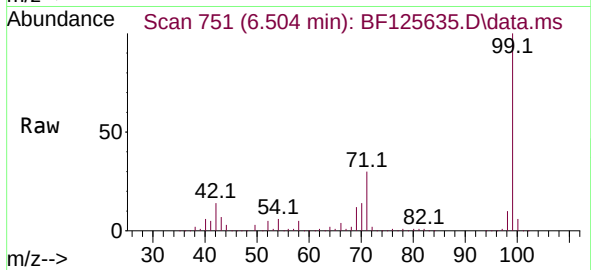




#7
Phenol-d6
Concen: 71.445 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

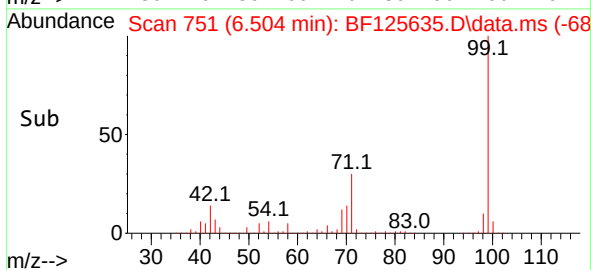
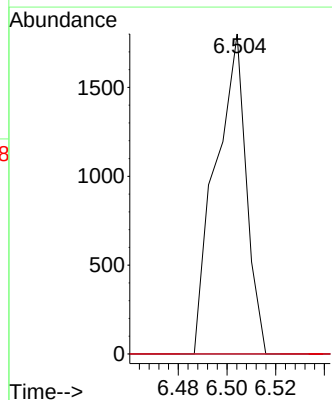
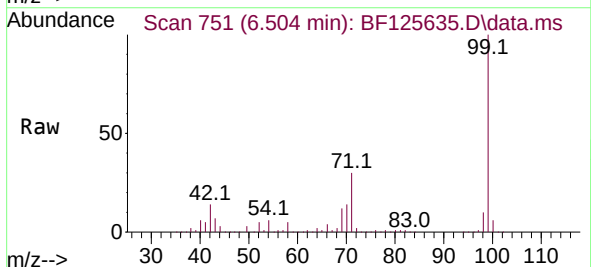
Instrument :
BNA_F
ClientSampleId :

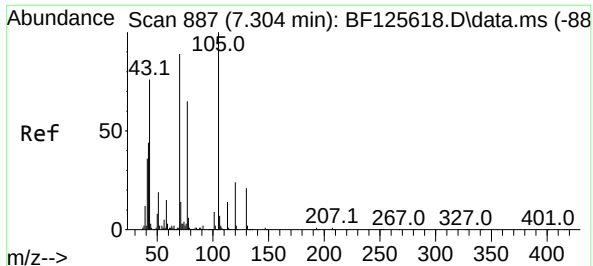
Tgt Ion: 99 Resp: 1162916
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

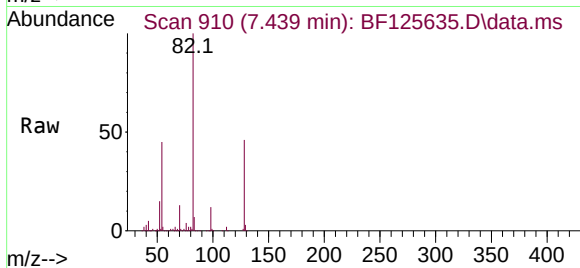
Tgt Ion: 77 Resp: 1577
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



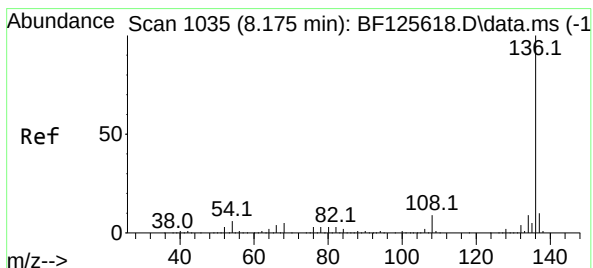
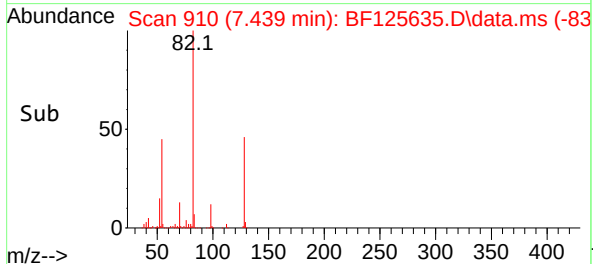
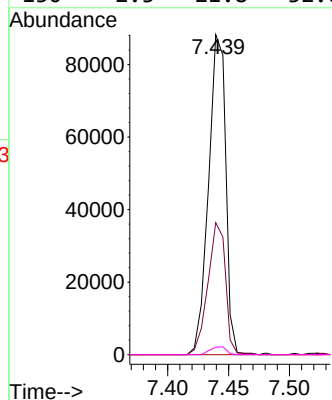


#19
n-Nitroso-di-n-propylamine
Concen: 9.355 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.135 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Instrument :
BNA_F
ClientSampleId :

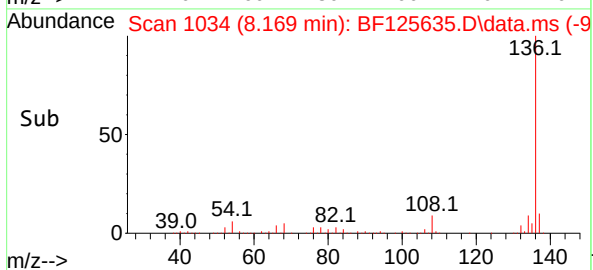
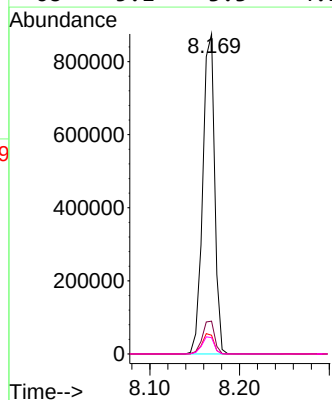
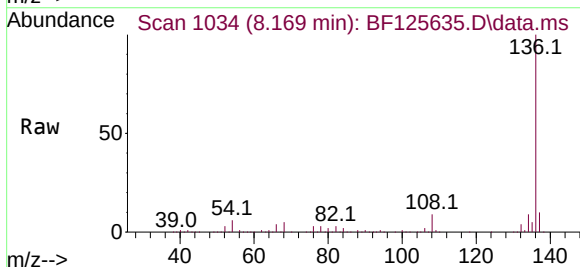


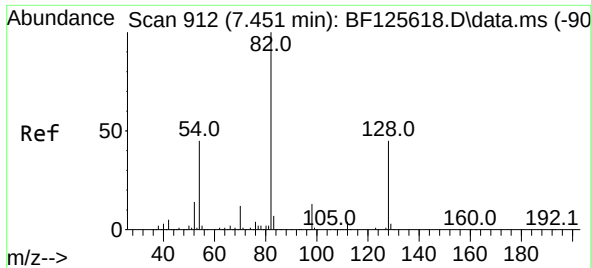
Tgt Ion: 70 Resp: 86701
Ion Ratio Lower Upper
70 100
42 41.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Tgt Ion: 136 Resp: 805802
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 5.8 6.4 9.6#
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.395 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF125635.D

Acq: 24 Sep 2021 22:54

Instrument :

BNA_F

ClientSampleId :

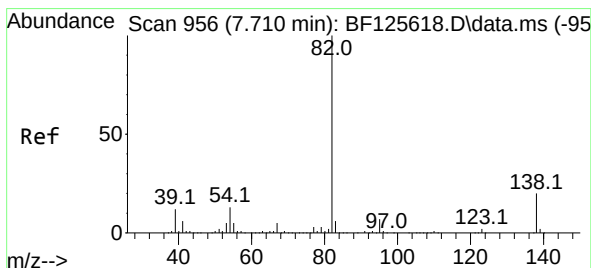
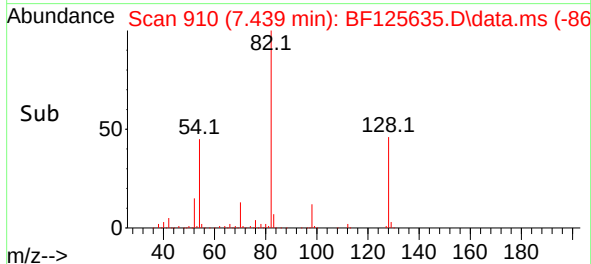
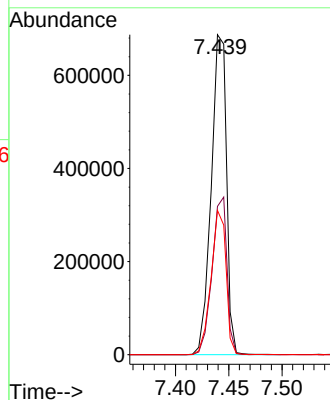
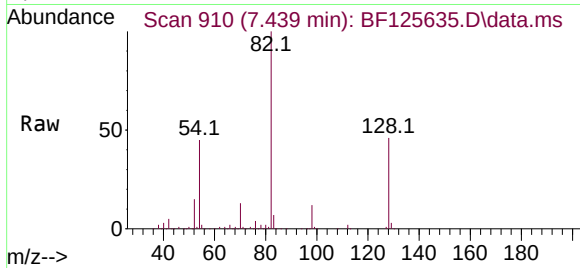
Tgt Ion: 82 Resp: 686167

Ion Ratio Lower Upper

82 100

128 46.4 40.6 60.8

54 45.1 49.6 74.4#



#25

Isophorone

Concen: 26.439 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.271 min

Lab File: BF125635.D

Acq: 24 Sep 2021 22:54

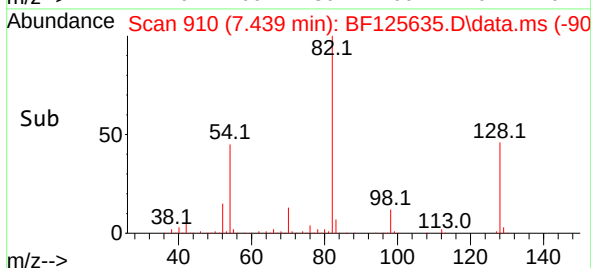
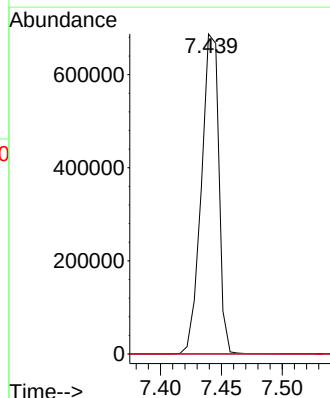
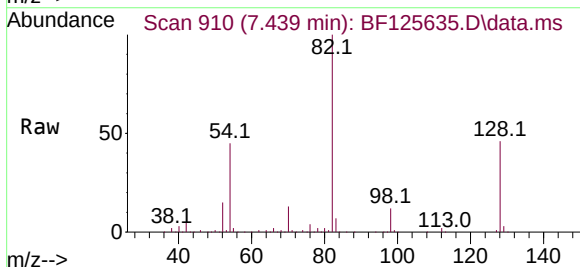
Tgt Ion: 82 Resp: 684042

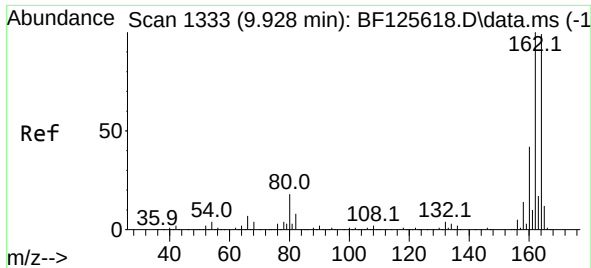
Ion Ratio Lower Upper

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: BF125635.D

Acq: 24 Sep 2021 22:54

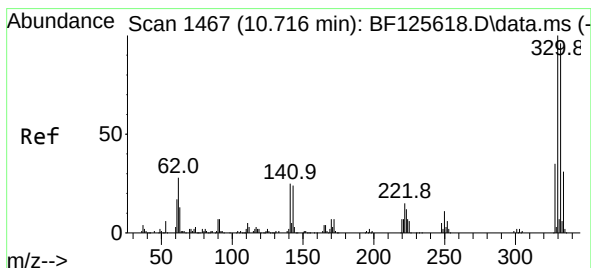
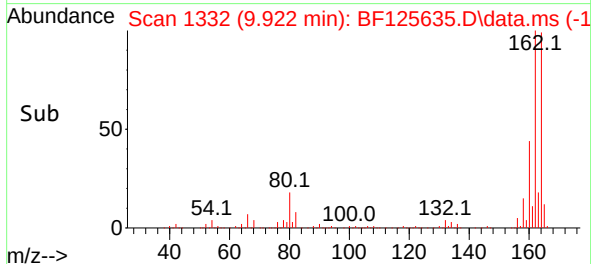
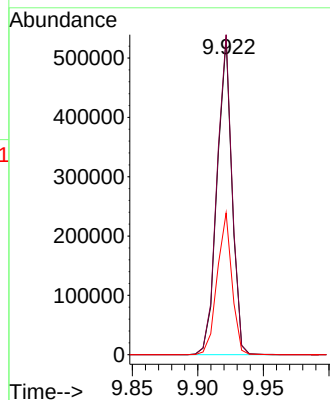
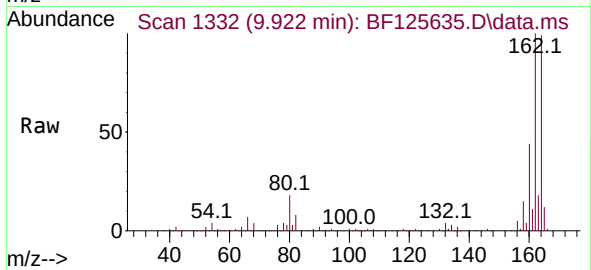
Tgt Ion:164 Resp: 419439

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

160 44.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 73.548 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF125635.D

Acq: 24 Sep 2021 22:54

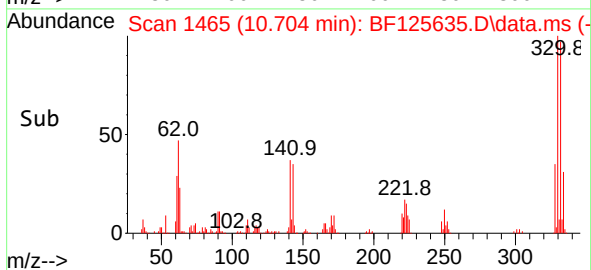
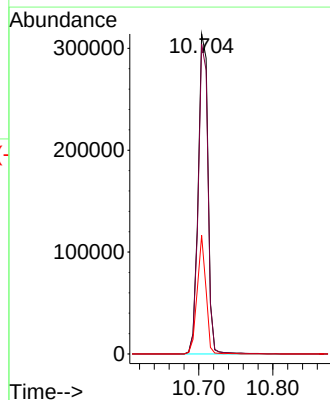
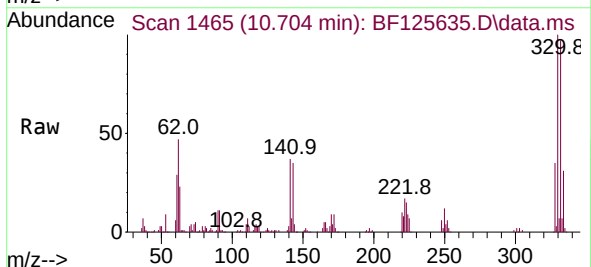
Tgt Ion:330 Resp: 287626

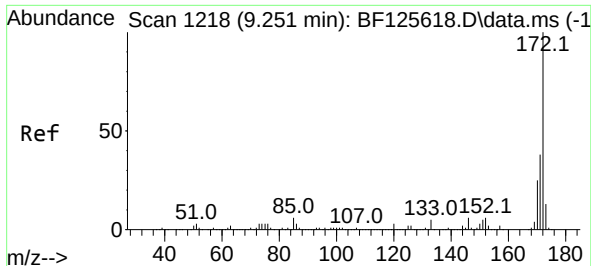
Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 32.9 44.6 66.8#

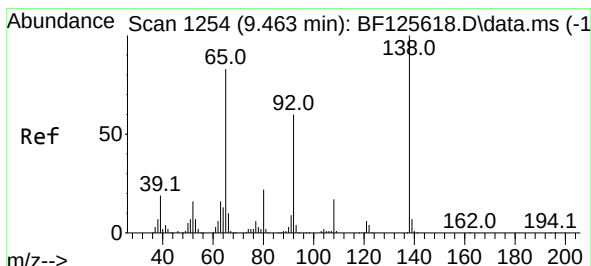
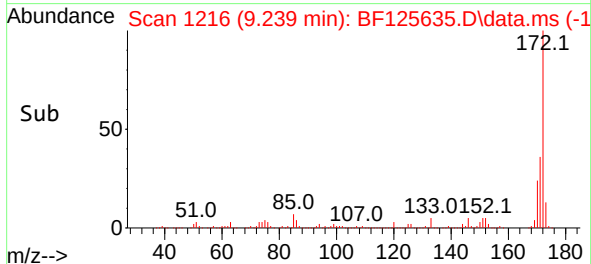
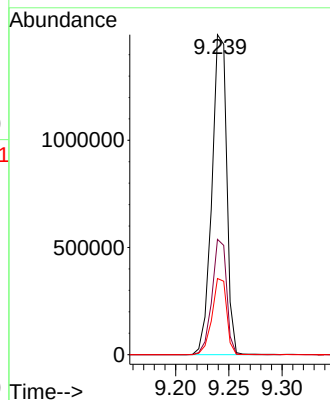
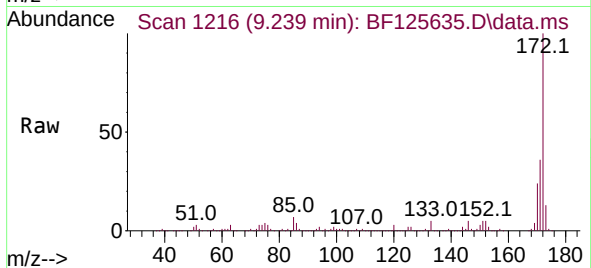




#45
2-Fluorobiphenyl
Concen: 57.590 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

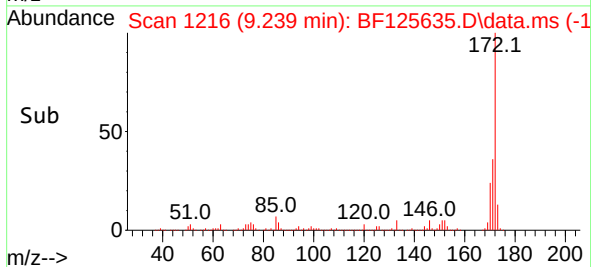
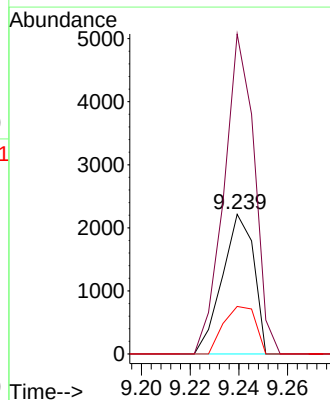
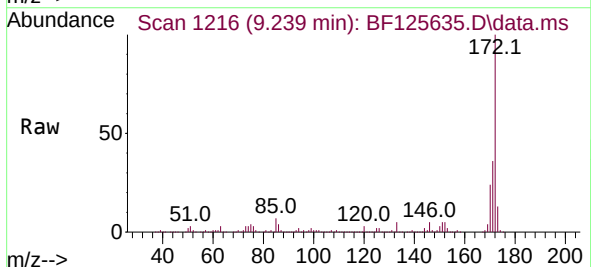
Instrument :
BNA_F
ClientSampled :

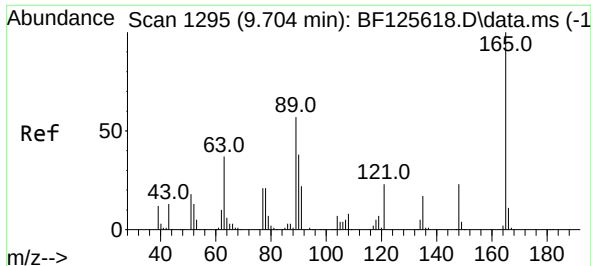
Tgt Ion:172 Resp: 1445055
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.459 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Tgt Ion: 65 Resp: 1994
Ion Ratio Lower Upper
65 100
92 229.1 55.5 83.3#
138 34.0 93.5 140.3#

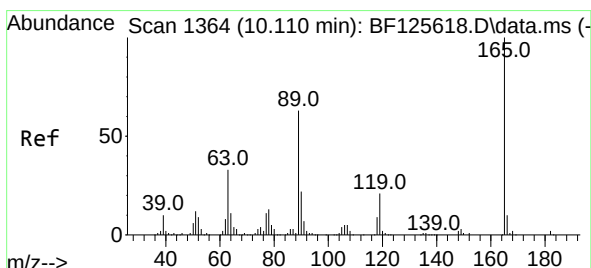
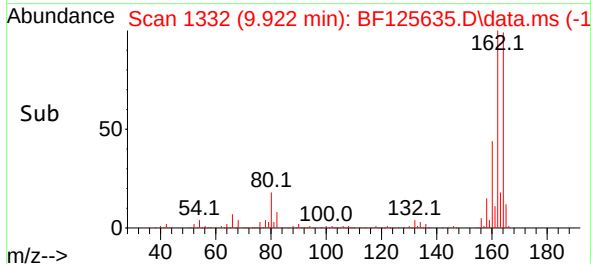
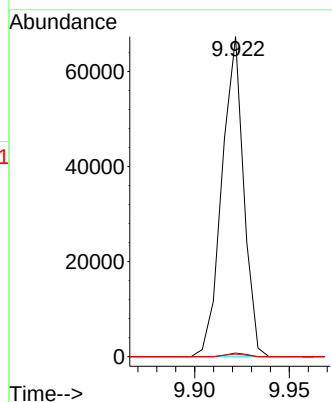
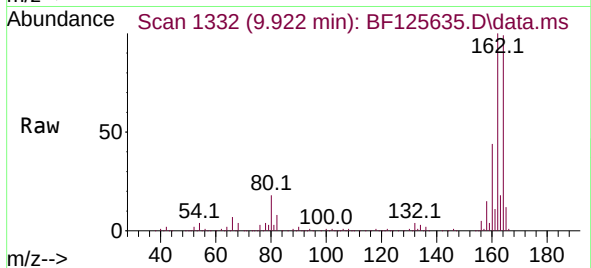




#51
2,6-Dinitrotoluene
Concen: 12.663 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

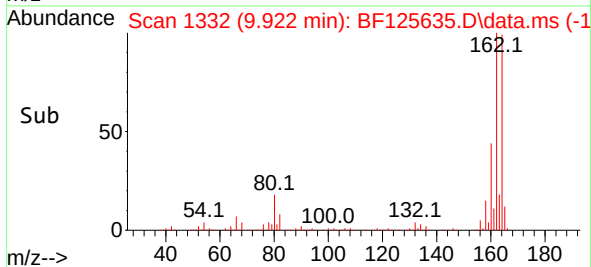
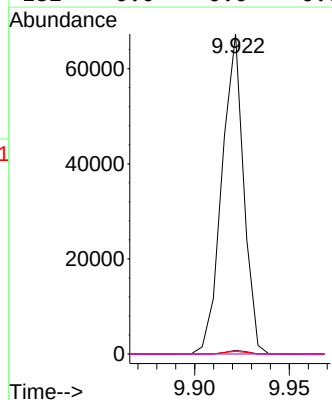
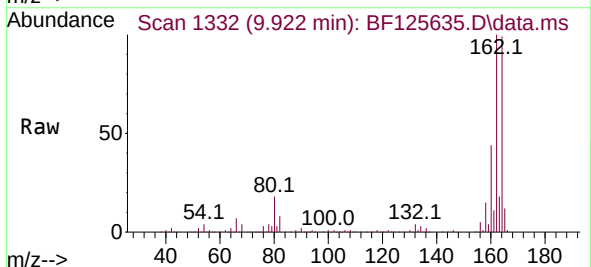
Instrument :
BNA_F
ClientSampleId :

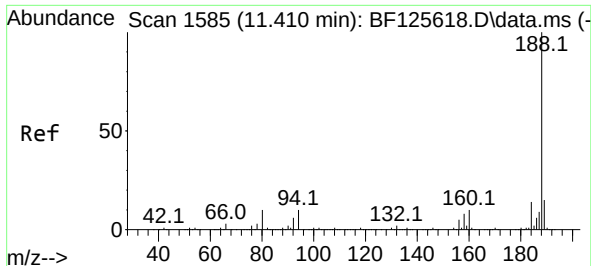
Tgt Ion:165 Resp: 53811
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.548 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Tgt Ion:165 Resp: 53811
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

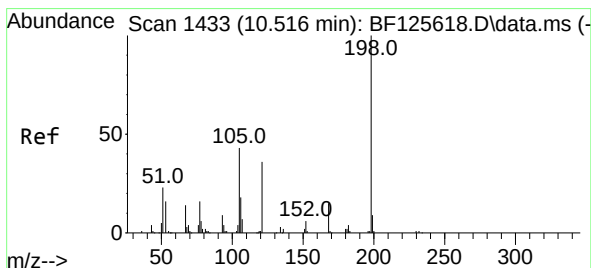
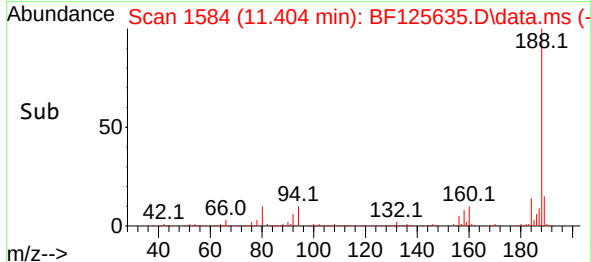
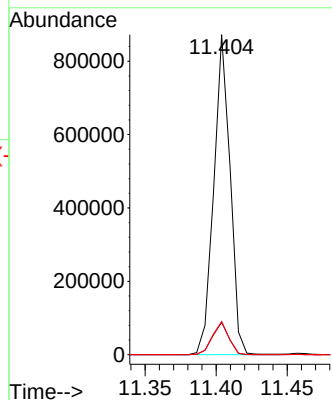
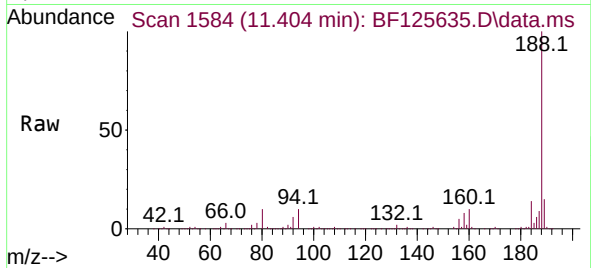




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

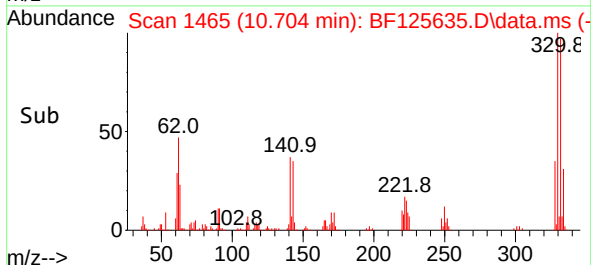
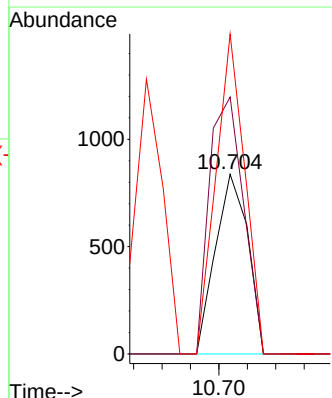
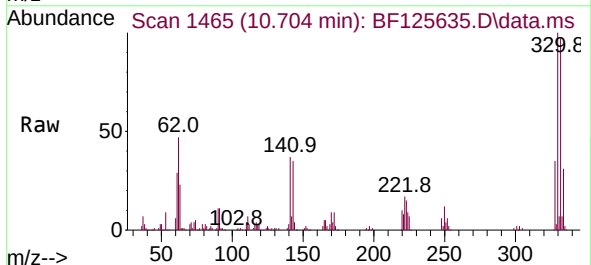
Instrument :
BNA_F
ClientSampleId :

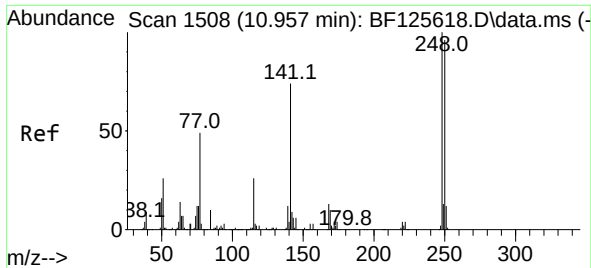
Tgt Ion:188 Resp: 696455
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.172 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Tgt Ion:198 Resp: 664
Ion Ratio Lower Upper
198 100
51 143.0 45.3 85.3#
105 178.1 30.6 70.6#

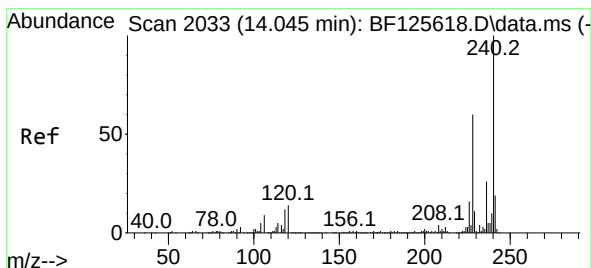
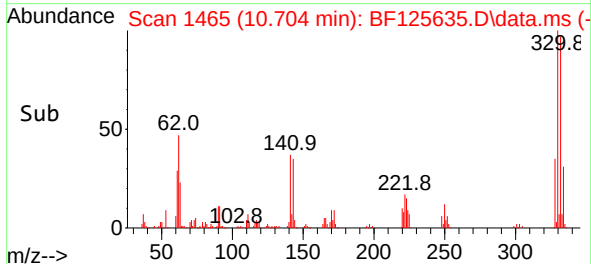
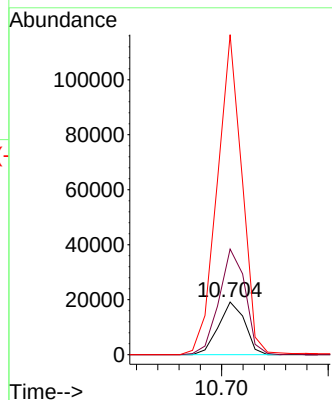
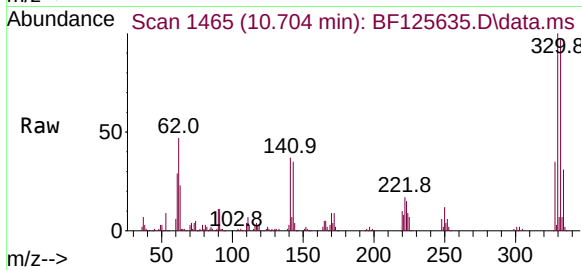




#67
4-Bromophenyl-phenylether
Concen: 2.248 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

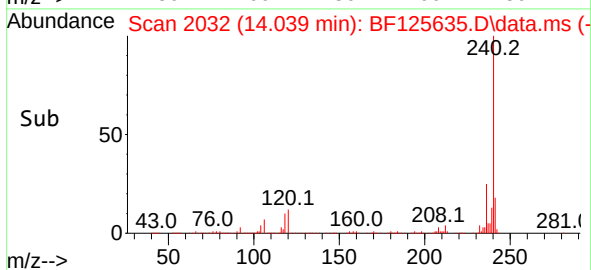
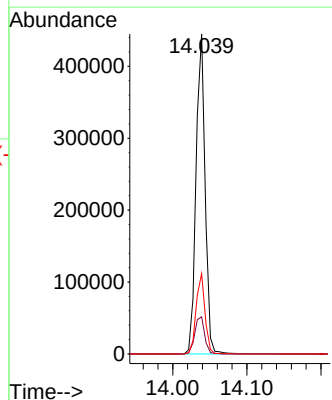
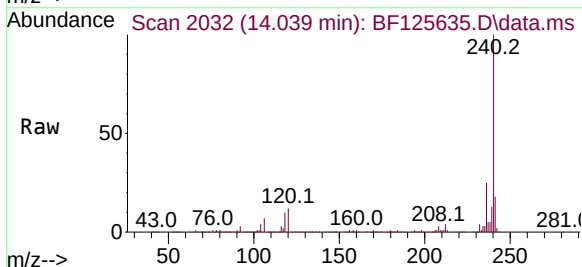
Instrument :
BNA_F
ClientSampleId :

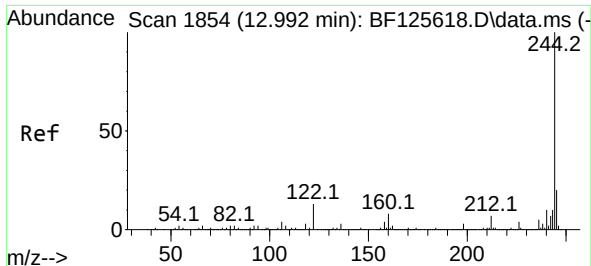
Tgt Ion:248 Resp: 16429
Ion Ratio Lower Upper
248 100
250 200.8 74.2 111.4#
141 608.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

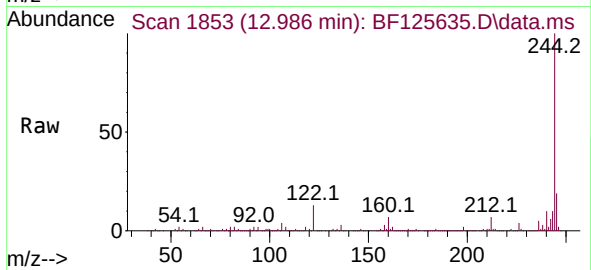
Tgt Ion:240 Resp: 378575
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.1 21.6 32.4



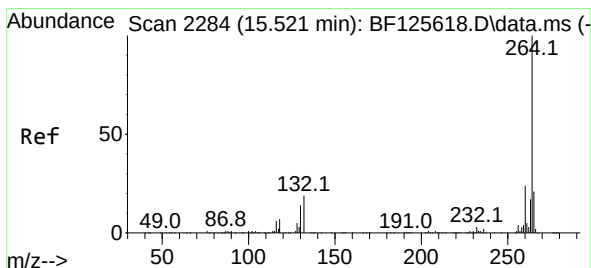
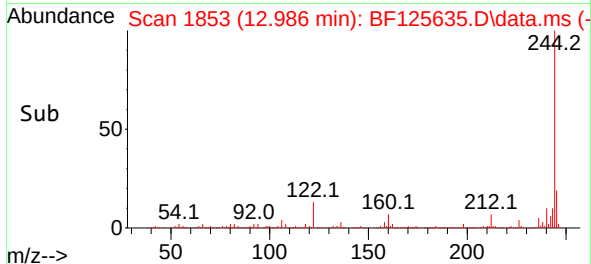
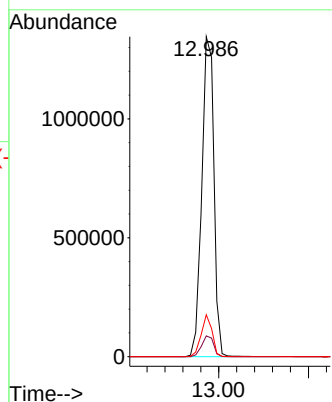


#79
Terphenyl-d14
Concen: 57.653 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 1260339
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 13.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF125635.D
Acq: 24 Sep 2021 22:54

Tgt Ion:264 Resp: 417154
Ion Ratio Lower Upper
264 100
260 22.7 19.6 29.4
265 20.6 17.2 25.8

