

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125627.D
 Acq On : 24 Sep 2021 18:41
 Operator : JU/CG
 Sample : M3911-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:00:28 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)

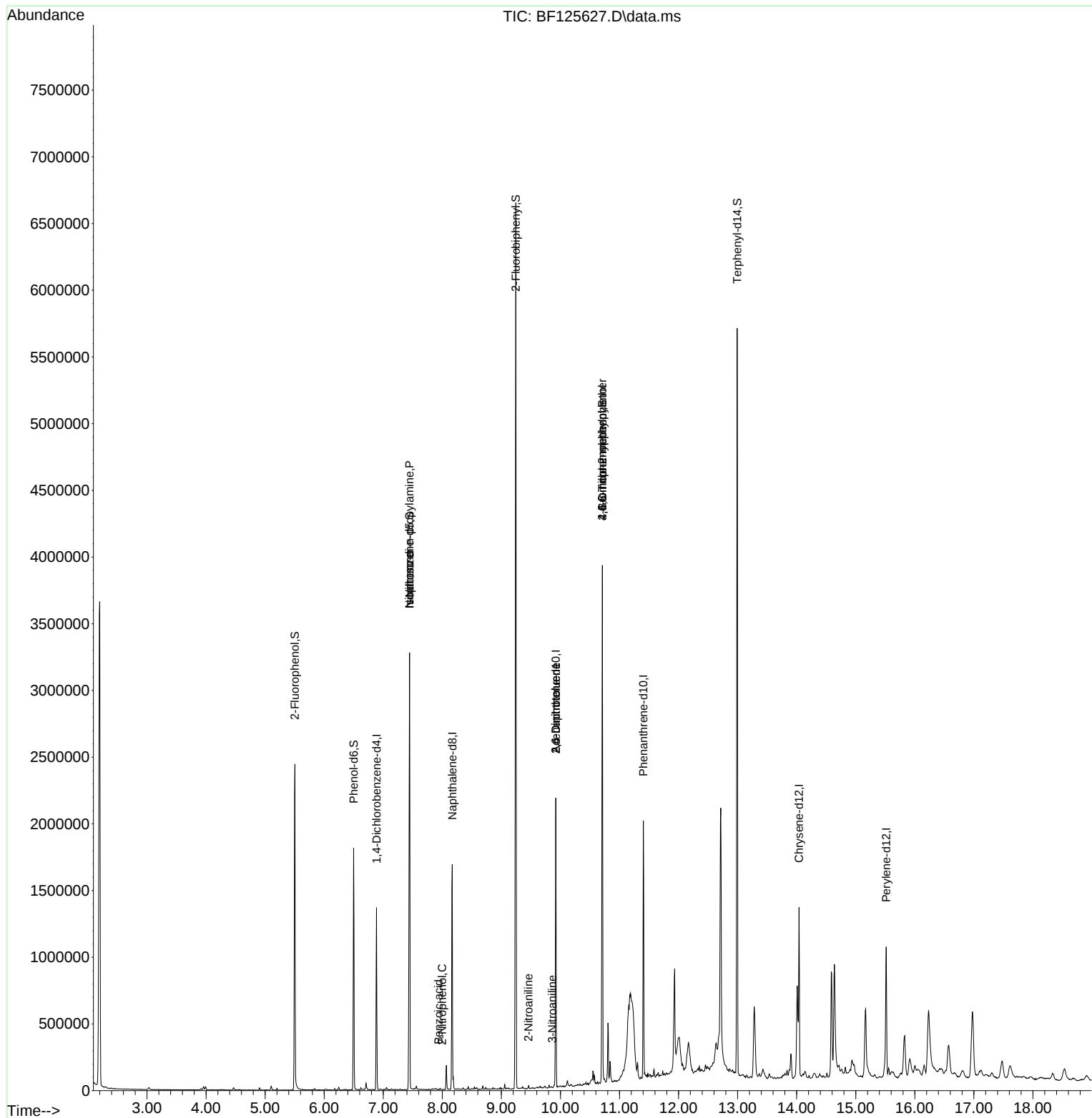
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	197883	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	803452	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	418712	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	691850	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	383008	20.000	ng	0.00
86) Perylene-d12	15.515	264	405052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	784853	65.347	ng	0.00
7) Phenol-d6	6.498	99	610732	37.823	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1157912	100.522	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	493839	126.498	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2187016	95.505	ng	0.00
79) Terphenyl-d14	12.992	244	1997653	90.323	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	324	Below Cal	#	88
19) n-Nitroso-di-n-propyla...	7.445	70	146182	15.900	ng	# 51
25) Isophorone	7.445	82	1155358	44.786	ng	# 59
26) 2-Nitrophenol	7.998	139	110	5.750	ng	# 39
32) Benzoic acid	7.939	122	359	8.663	ng	# 25
48) 2-Nitroaniline	9.457	65	313	4.205	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	52853	12.526	ng	# 28
53) 3-Nitroaniline	9.863	138	110	3.159	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	52853	11.439	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	1001	9.255	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	27224	3.749	ng	# 1

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

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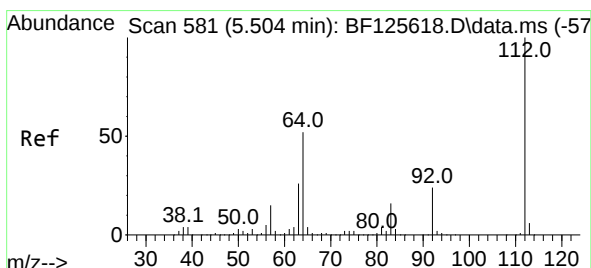
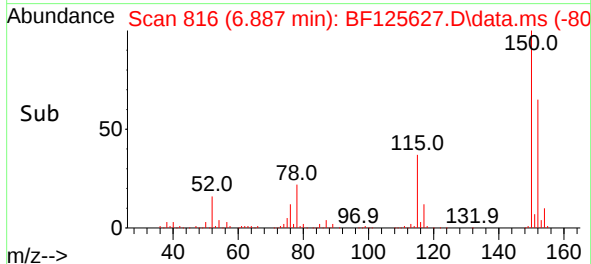
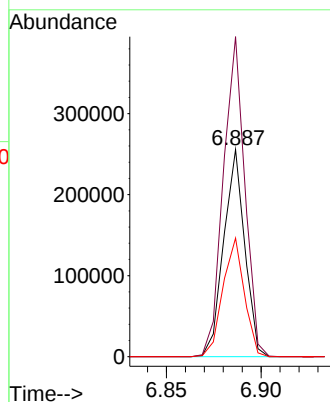
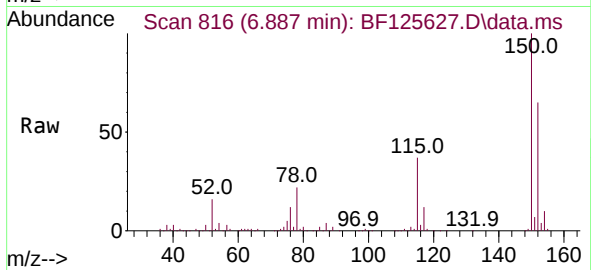




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

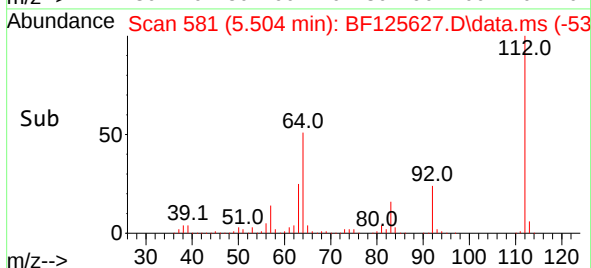
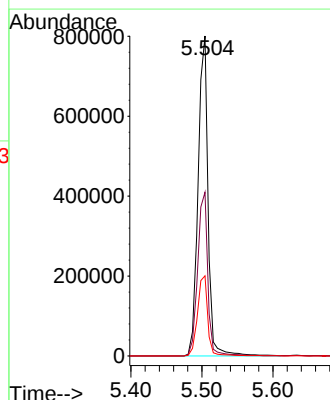
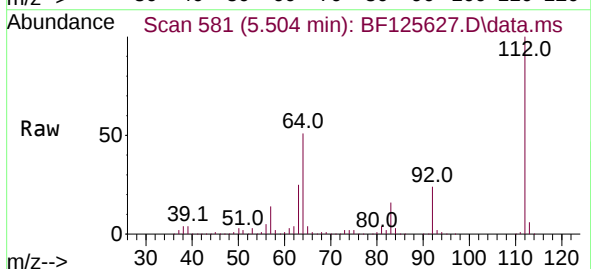
Instrument :
BNA_F
ClientSampleId :

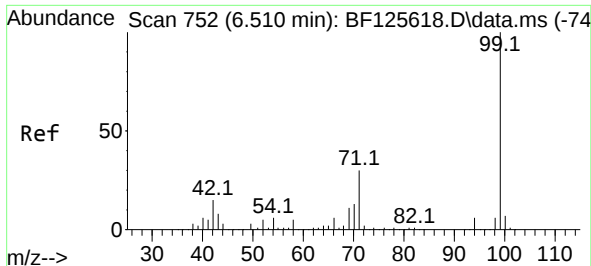
Tgt Ion:152 Resp: 197883
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 57.3 47.1 70.7



#5
2-Fluorophenol
Concen: 65.347 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion:112 Resp: 784853
Ion Ratio Lower Upper
112 100
64 51.1 44.2 66.2
63 25.0 26.2 39.2#

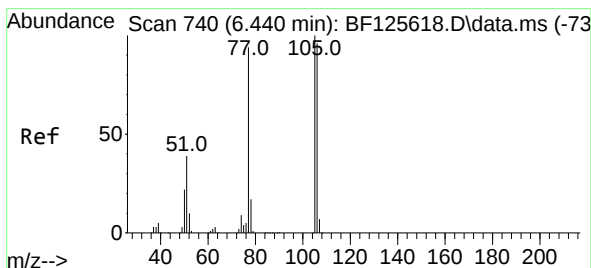
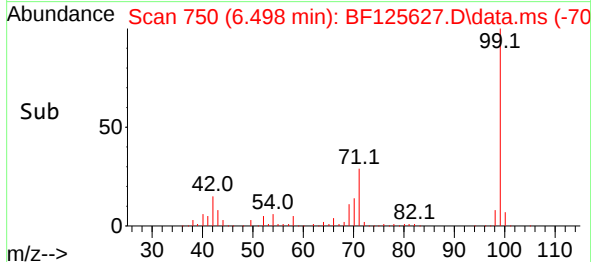
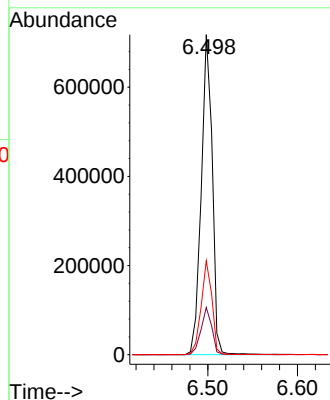
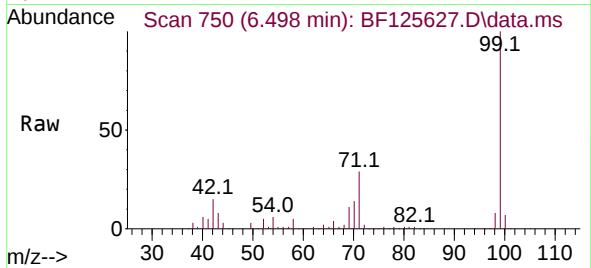




#7
Phenol-d6
Concen: 37.823 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

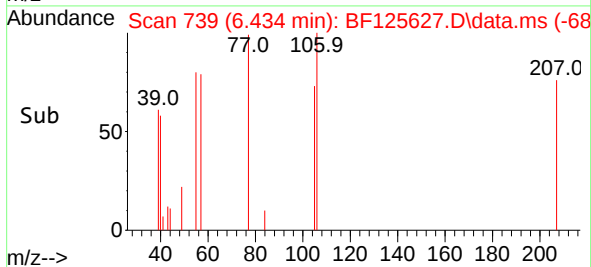
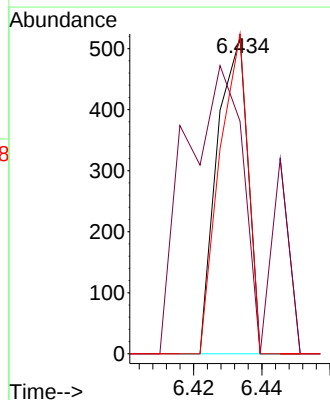
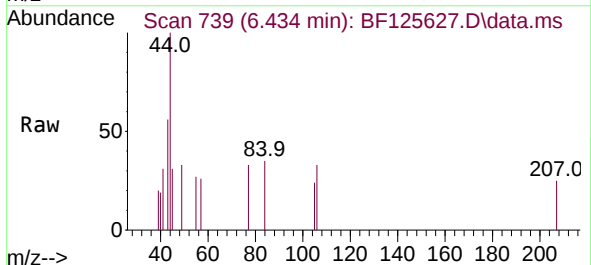
Instrument :
BNA_F
ClientSampled :

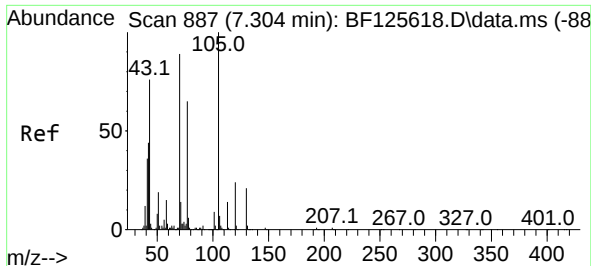
Tgt Ion: 99 Resp: 610732
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 29.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

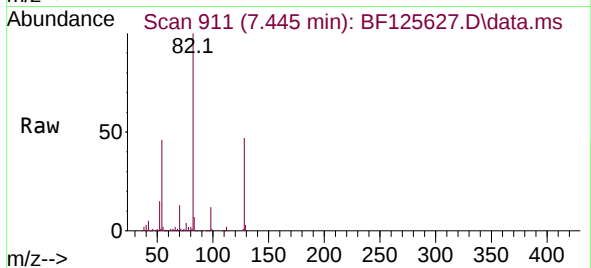
Tgt Ion: 77 Resp: 324
Ion Ratio Lower Upper
77 100
105 73.6 75.9 115.9#
106 101.2 84.0 124.0



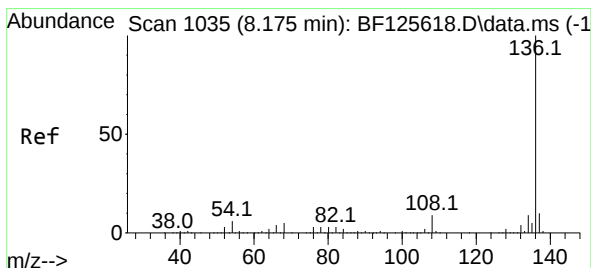
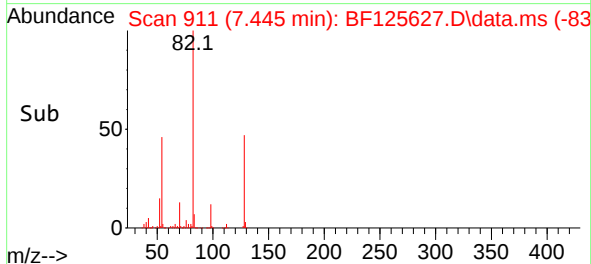
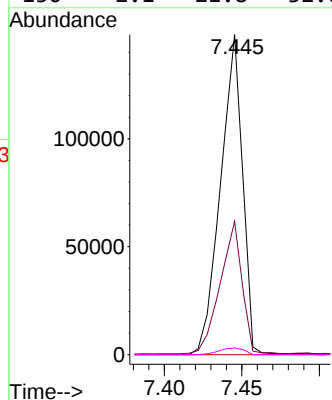


#19
n-Nitroso-di-n-propylamine
Concen: 15.900 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Instrument :
BNA_F
ClientSampleId :

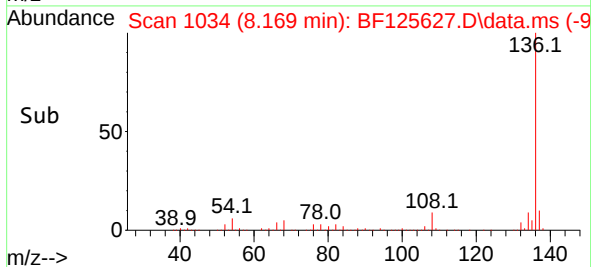
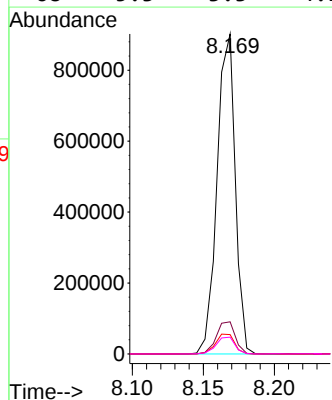
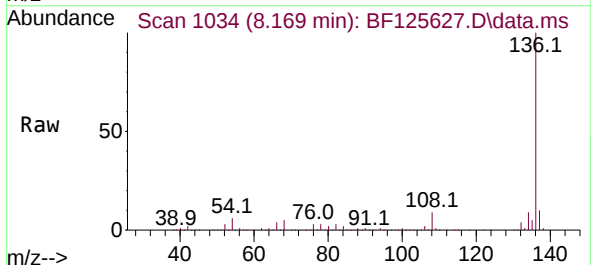


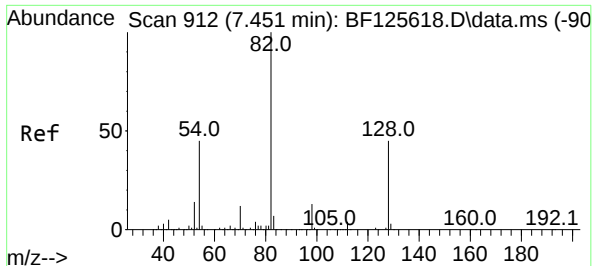
Tgt Ion: 70 Resp: 146182
Ion Ratio Lower Upper
70 100
42 41.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion: 136 Resp: 803452
Ion Ratio Lower Upper
136 100
137 10.1 9.8 14.6
54 6.1 6.4 9.6#
68 5.3 3.3 4.9#

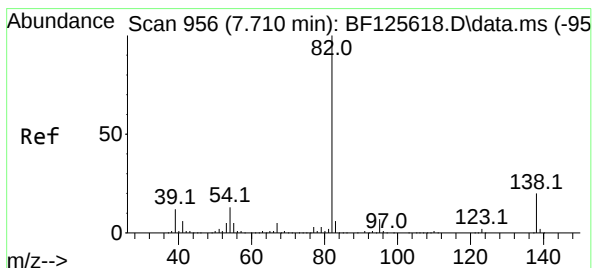
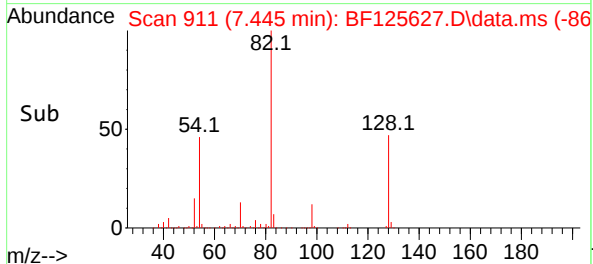
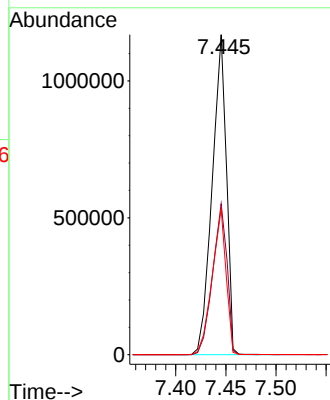
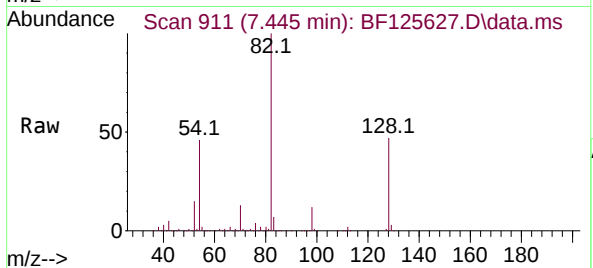




#23
Nitrobenzene-d5
Concen: 100.522 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

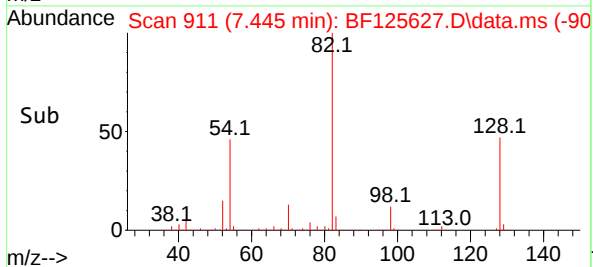
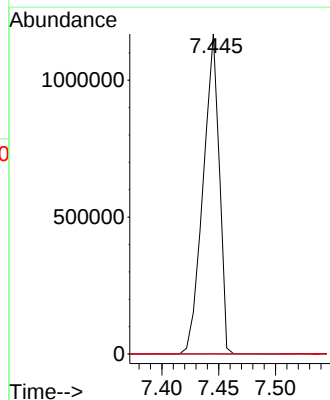
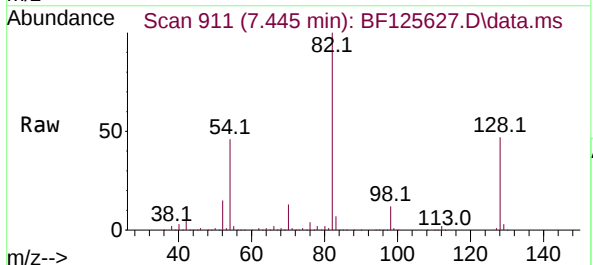
Instrument :
BNA_F
ClientSampleId :

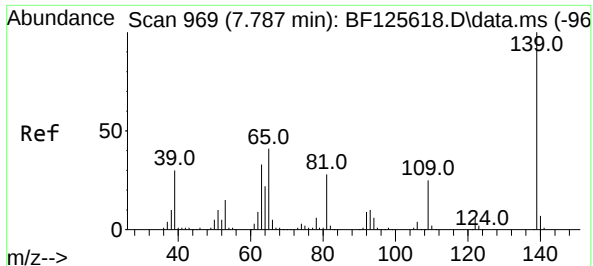
Tgt Ion: 82 Resp: 1157912
Ion Ratio Lower Upper
82 100
128 47.2 40.6 60.8
54 45.5 49.6 74.4#



#25
Isophorone
Concen: 44.786 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion: 82 Resp: 1155358
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

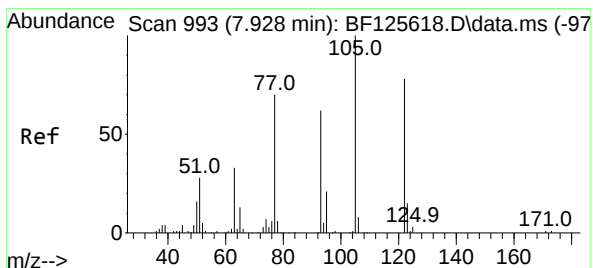
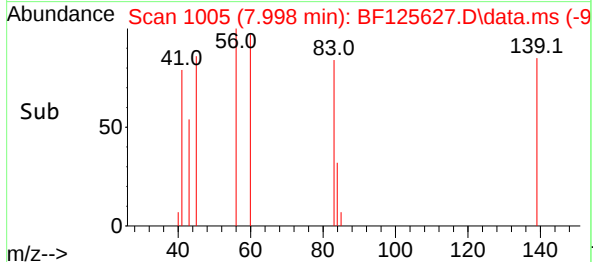
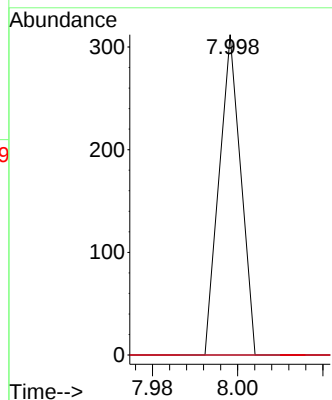
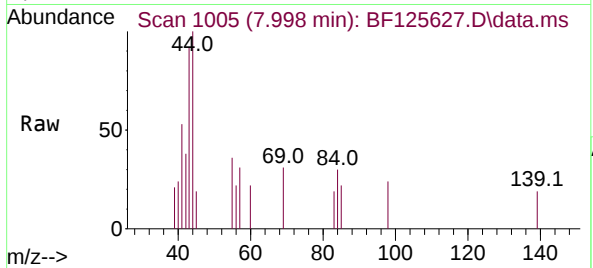




#26
2-Nitrophenol
Concen: 5.750 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

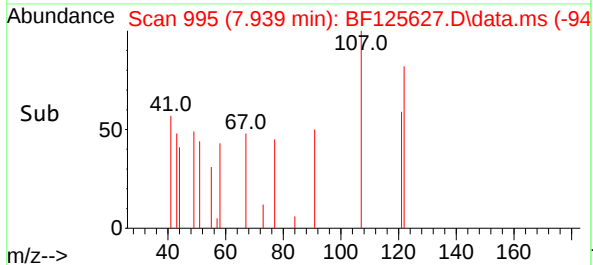
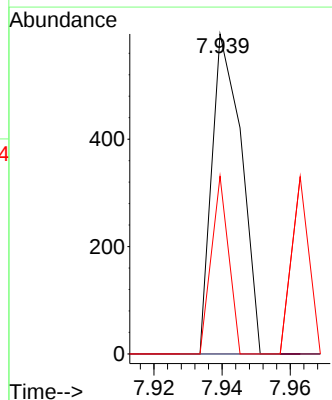
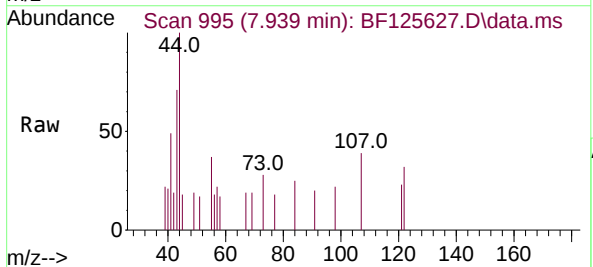
Instrument :
BNA_F
ClientSampleId :

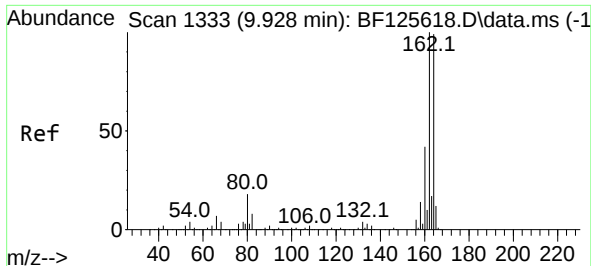
Tgt Ion:139 Resp: 110
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.663 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.011 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion:122 Resp: 359
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 55.5 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125627.D

Acq: 24 Sep 2021 18:41

Tgt Ion:164 Resp: 418712

Ion Ratio Lower Upper

164 100

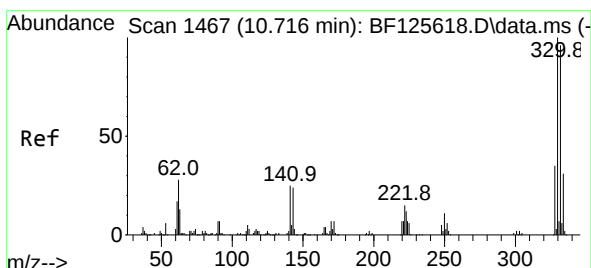
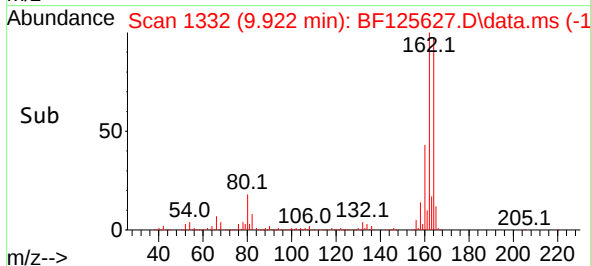
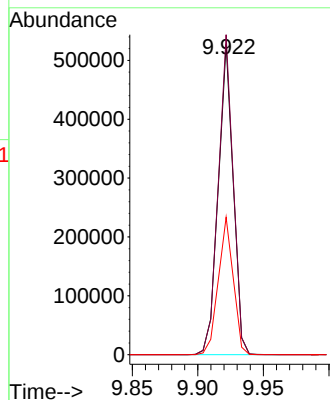
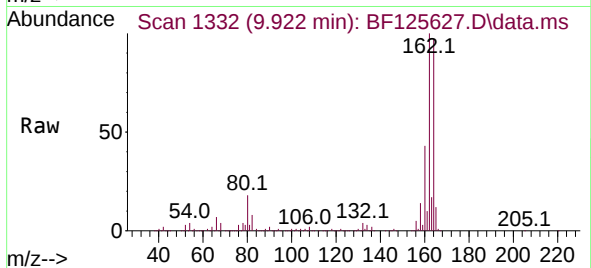
162 103.1 81.3 121.9

160 44.3 38.0 57.0

Instrument :

BNA_F

ClientSampleId :



#42

2,4,6-Tribromophenol

Concen: 126.498 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125627.D

Acq: 24 Sep 2021 18:41

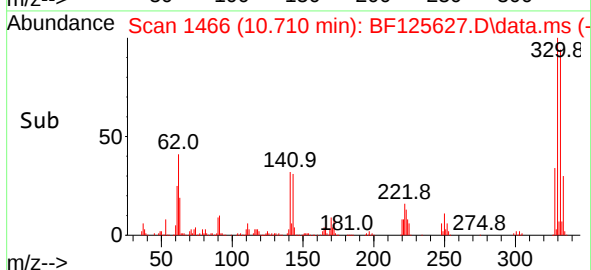
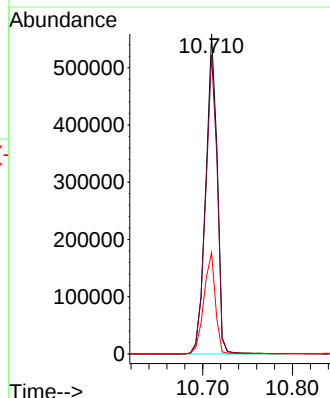
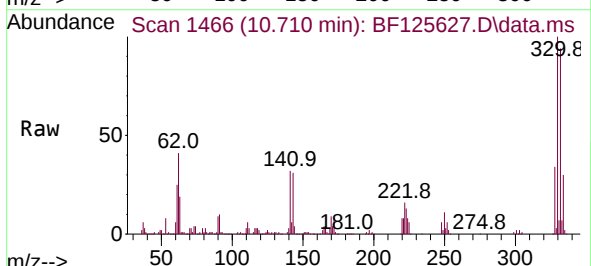
Tgt Ion:330 Resp: 493839

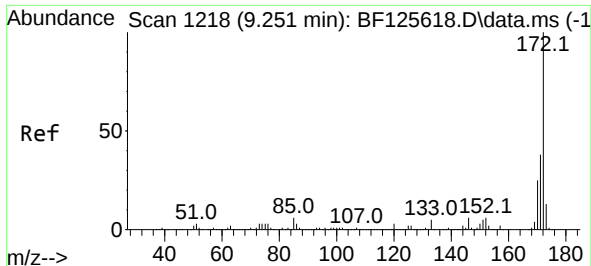
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 31.9 44.6 66.8#

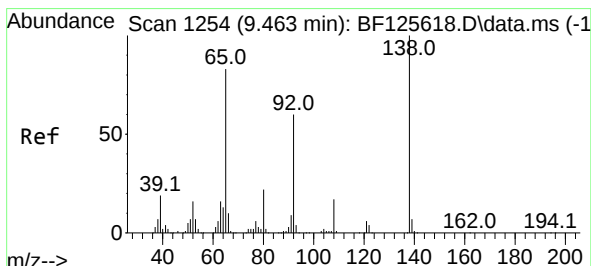
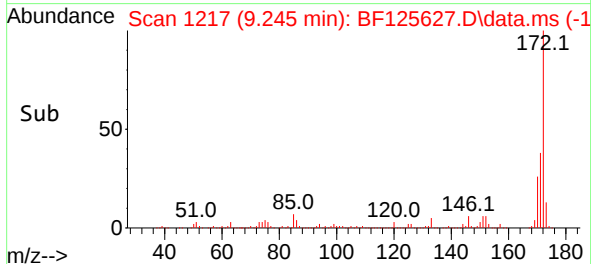
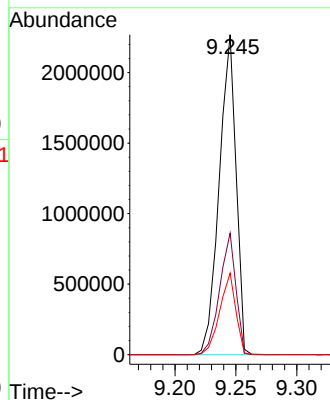
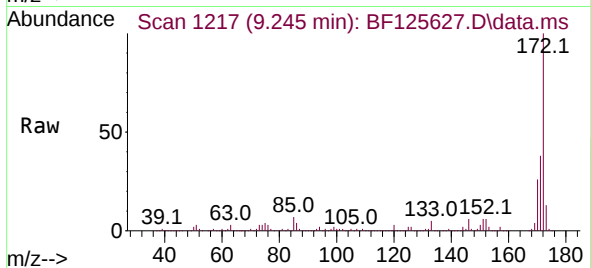




#45
2-Fluorobiphenyl
Concen: 95.505 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

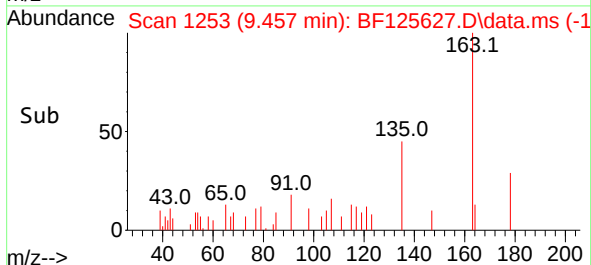
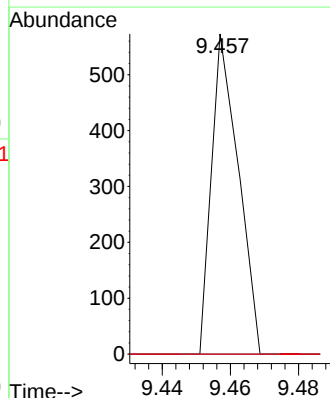
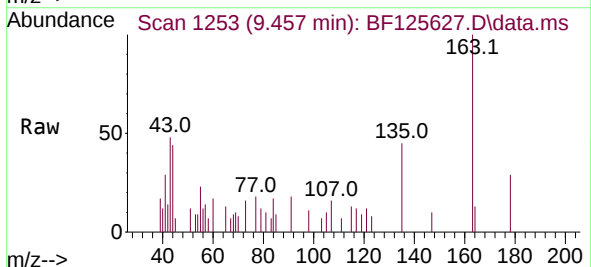
Instrument :
BNA_F
ClientSampled :

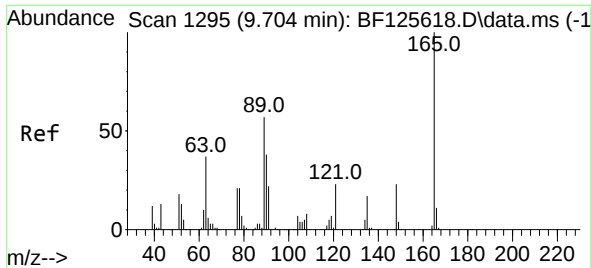
Tgt Ion:172 Resp: 2187016
Ion Ratio Lower Upper
172 100
171 38.0 26.5 39.7
170 25.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.205 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion: 65 Resp: 313
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

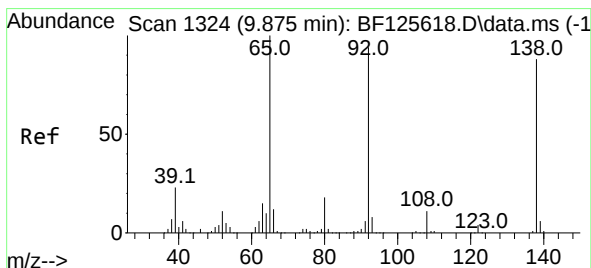
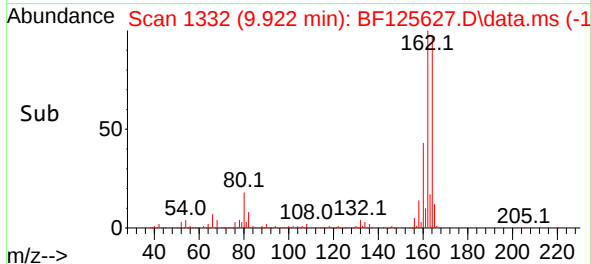
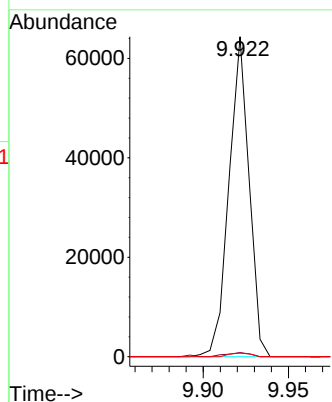
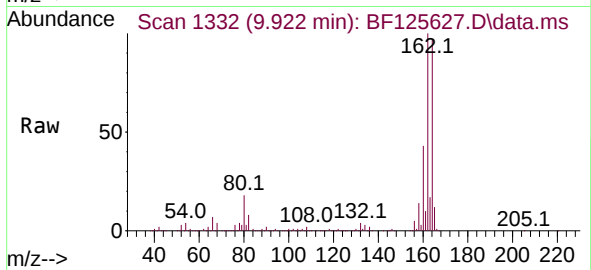




#51
2,6-Dinitrotoluene
Concen: 12.526 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

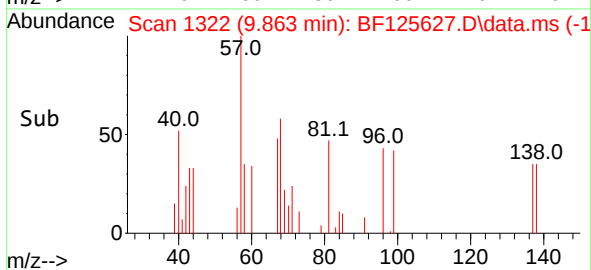
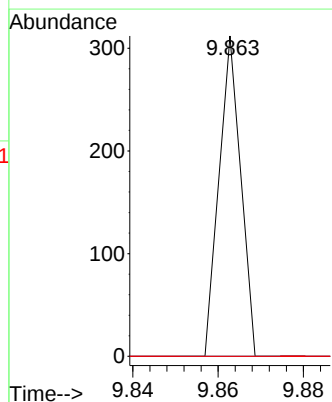
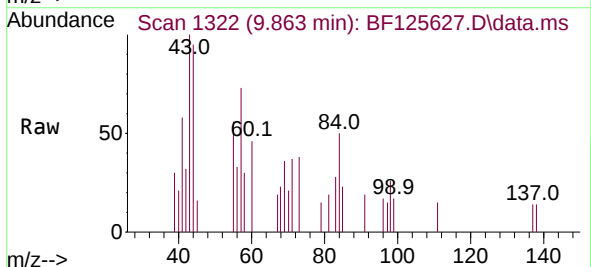
Instrument :
BNA_F
ClientSampleId :

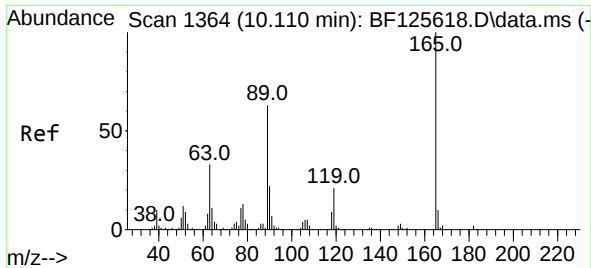
Tgt Ion:165 Resp: 52853
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.159 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

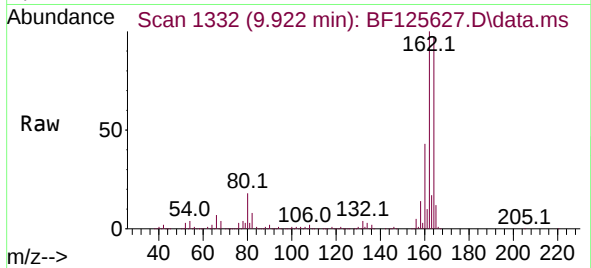
Tgt Ion:138 Resp: 110
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#



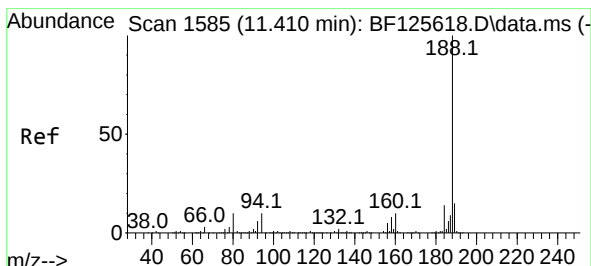
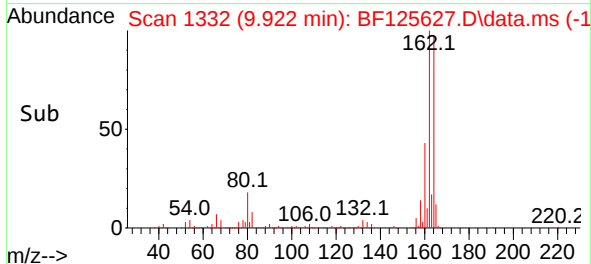
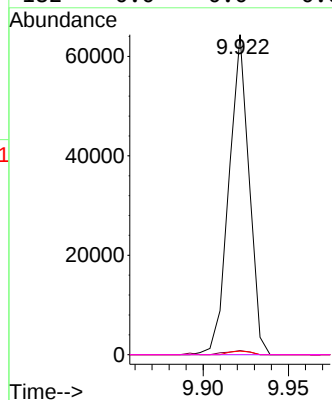


#57
2,4-Dinitrotoluene
Concen: 11.439 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Instrument :
BNA_F
ClientSampled :

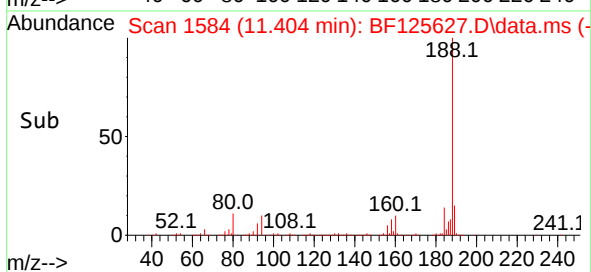
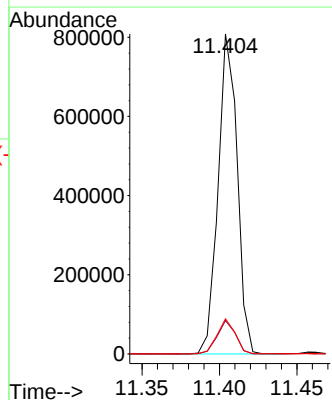
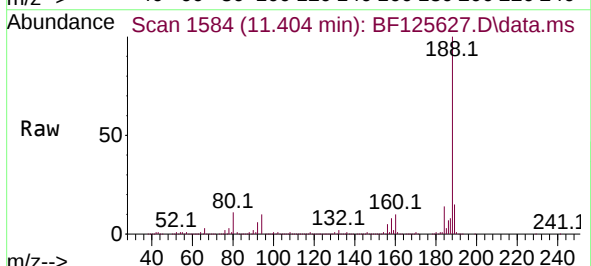


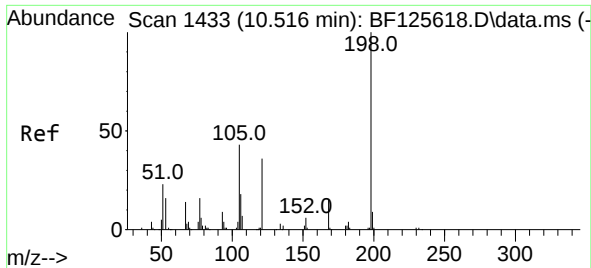
Tgt Ion:165 Resp: 52853
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion:188 Resp: 691850
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 11.0 7.5 11.3

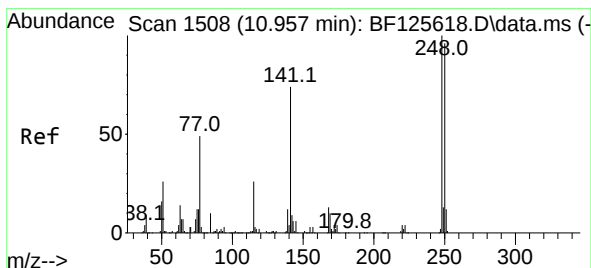
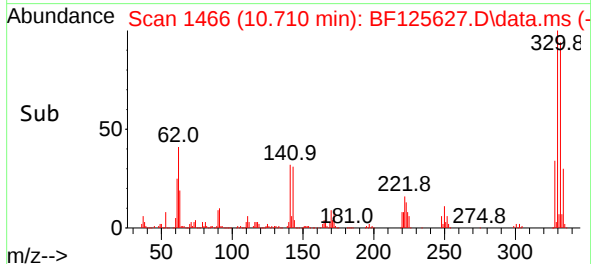
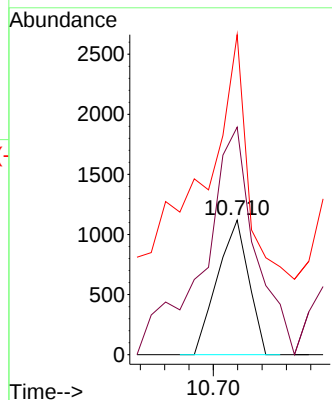
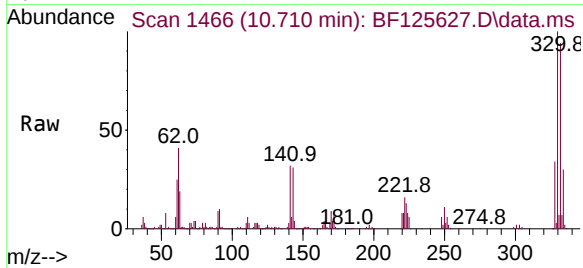




#65
4,6-Dinitro-2-methylphenol
Concen: 9.255 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

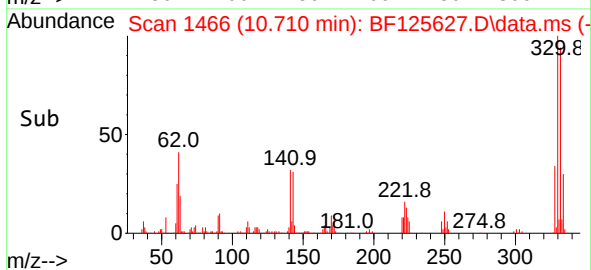
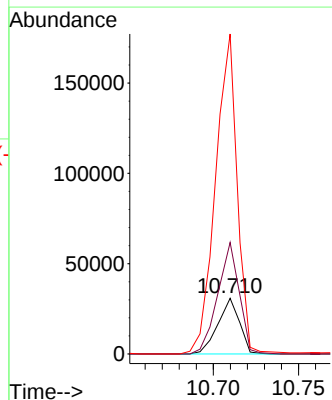
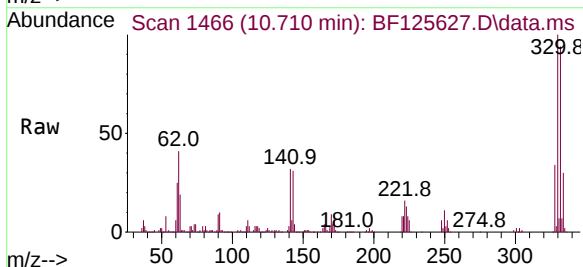
Instrument :
BNA_F
ClientSampled :

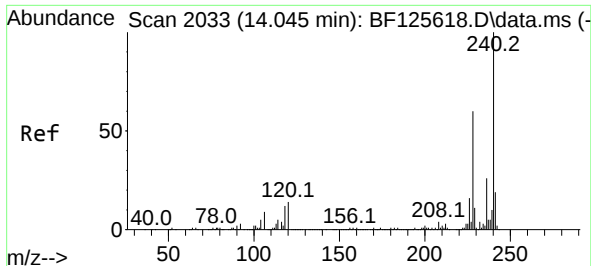
Tgt Ion:198 Resp: 1001
Ion Ratio Lower Upper
198 100
51 169.0 45.3 85.3#
105 237.8 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.749 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion:248 Resp: 27224
Ion Ratio Lower Upper
248 100
250 200.5 74.2 111.4#
141 575.2 60.4 90.6#

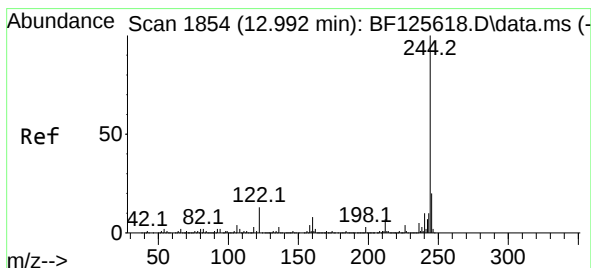
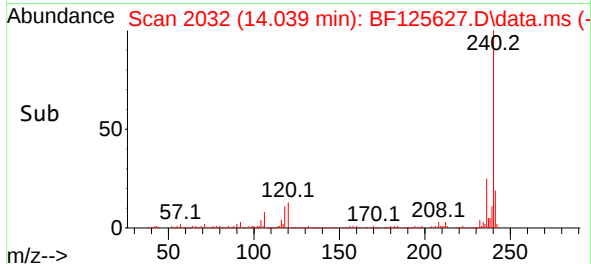
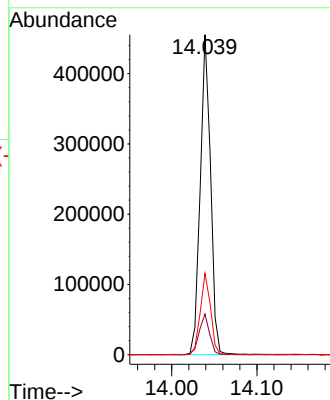
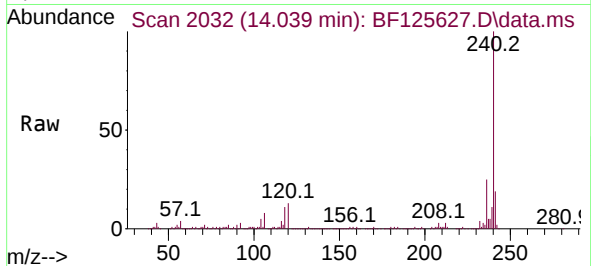




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

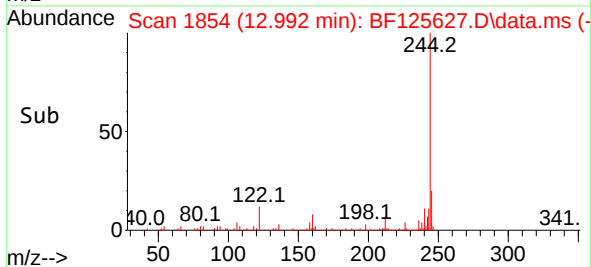
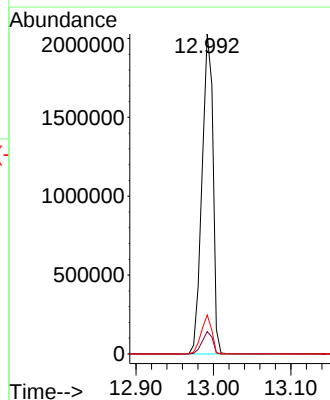
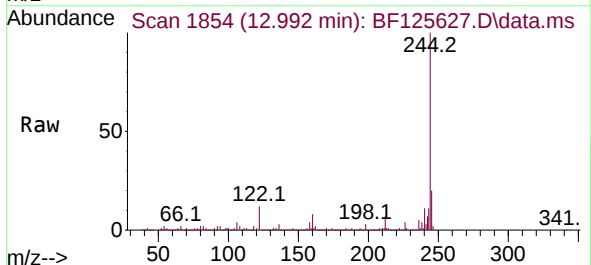
Instrument :
BNA_F
ClientSampleId :

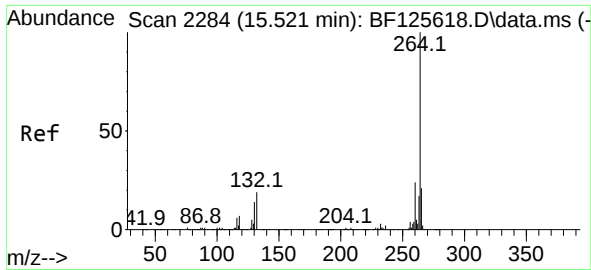
Tgt Ion:240 Resp: 383008
Ion Ratio Lower Upper
240 100
120 12.7 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 90.323 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125627.D
Acq: 24 Sep 2021 18:41

Tgt Ion:244 Resp: 1997653
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.2 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: BF125627.D
Acq: 24 Sep 2021 18:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 405052
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.2 17.2 25.8

