

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125669.D
 Acq On : 27 Sep 2021 13:36
 Operator : JU/CG
 Sample : PB139374BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139374BL

Quant Time: Sep 27 14:17:47 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)

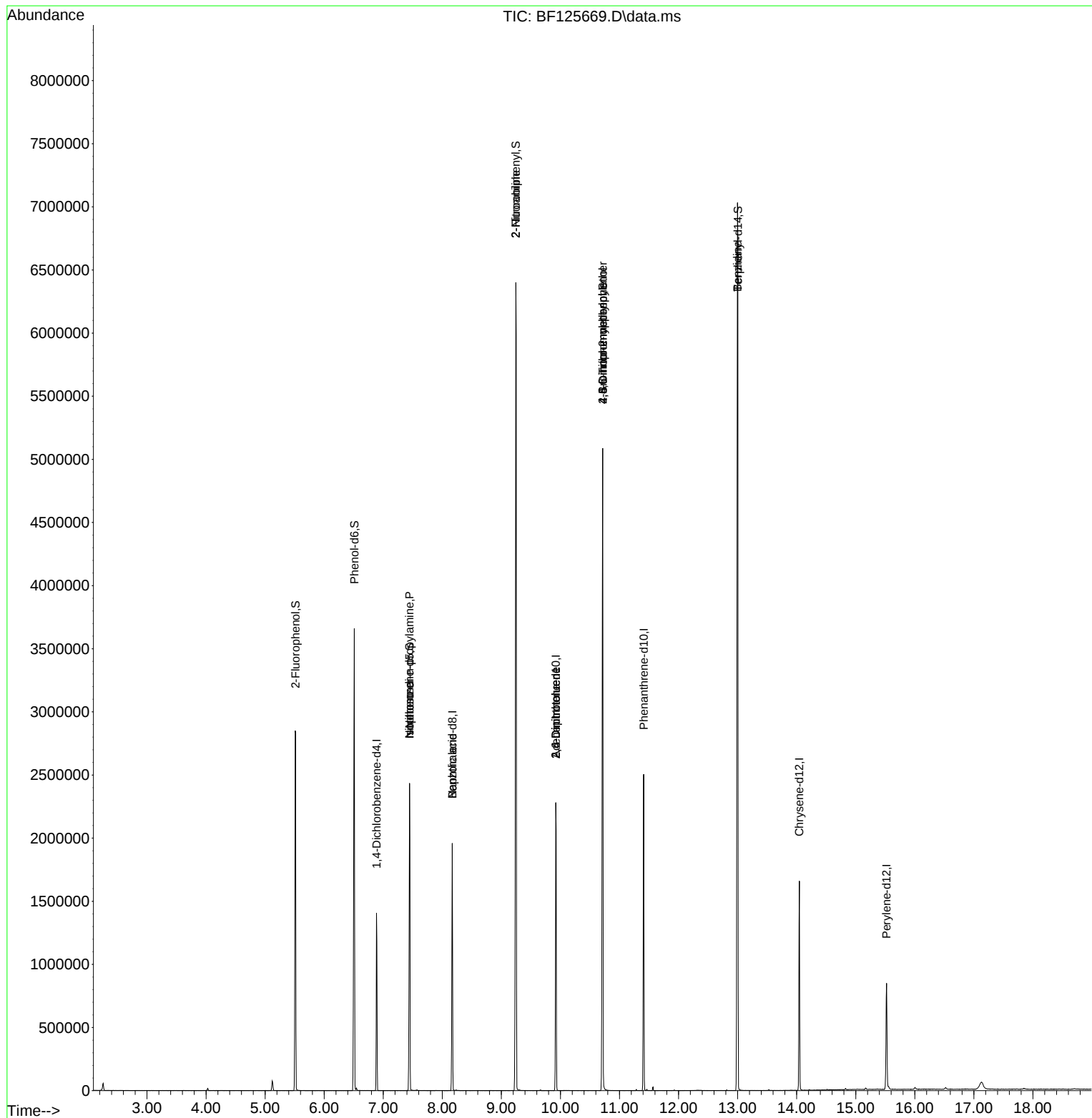
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	216669	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	928857	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	502337	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	865278	20.000	ng	0.00
76) Chrysene-d12	14.045	240	549766	20.000	ng	0.00
86) Perylene-d12	15.521	264	388022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	930138	70.728	ng	0.01
7) Phenol-d6	6.510	99	1429835	80.872	ng	0.00
23) Nitrobenzene-d5	7.445	82	908051	68.188	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	761672	162.624	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2410274	86.440	ng	0.00
79) Terphenyl-d14	13.004	244	2977108	93.779	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	1836	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	111881	11.114	ng	# 52
25) Isophorone	7.445	82	908037	30.447	ng	# 59
32) Benzoic acid	8.169	122	113	8.637	ng	# 1
48) 2-Nitroaniline	9.245	65	3323	4.577	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	63990	12.603	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	63990	11.500	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.716	198	1403	9.284	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	41380	4.557	ng	# 1
77) Benzidine	12.998	184	38348	2.655	ng	# 92

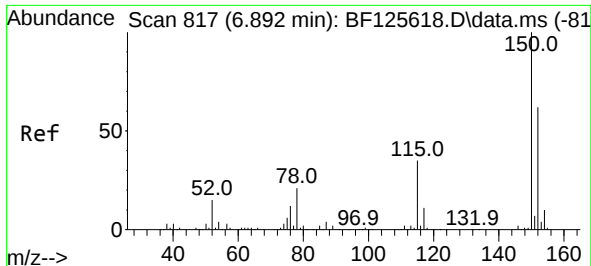
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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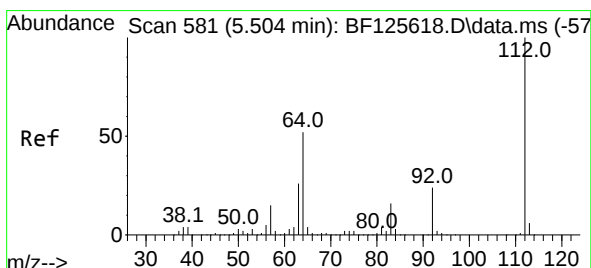
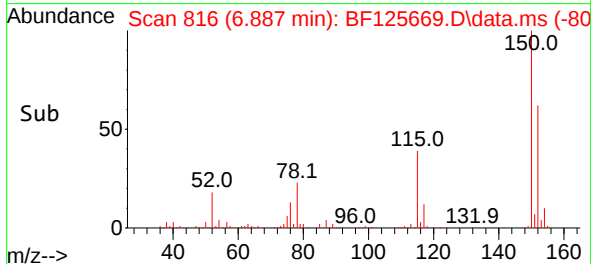
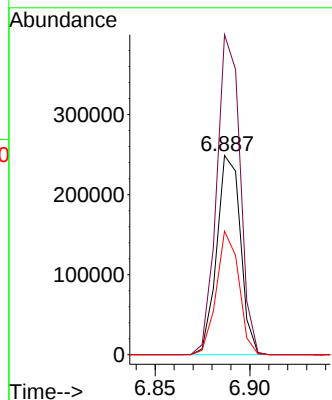
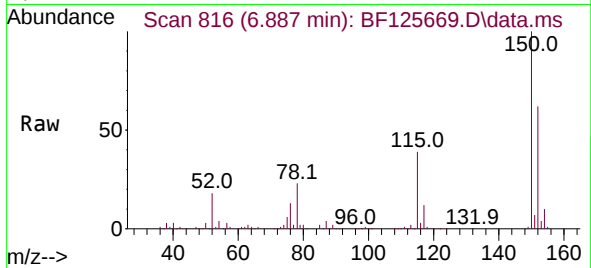




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

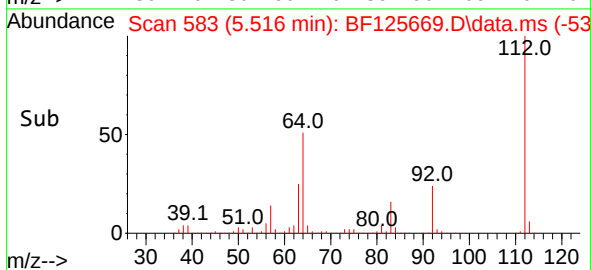
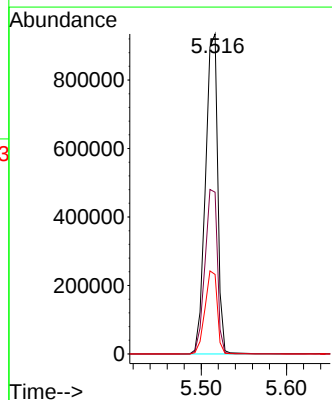
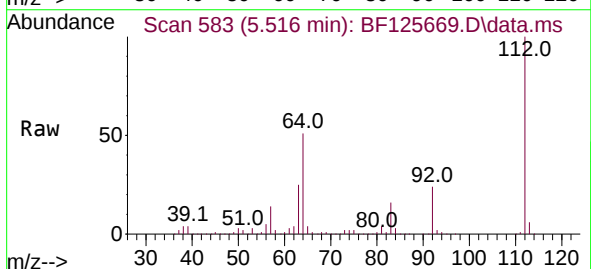
Instrument :
BNA_F
ClientSampleId :
PB139374BL

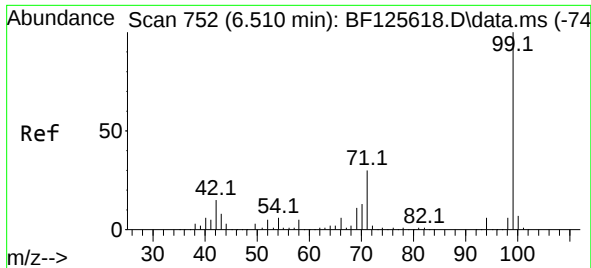
Tgt Ion:152 Resp: 216669
Ion Ratio Lower Upper
152 100
150 160.6 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 70.728 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion:112 Resp: 930138
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 24.9 26.2 39.2#

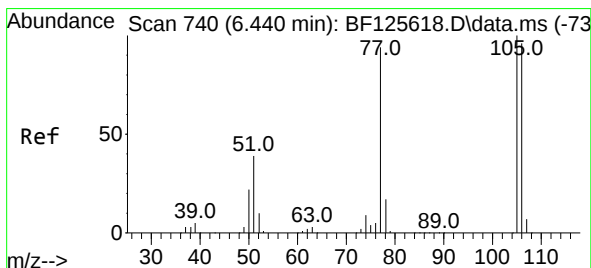
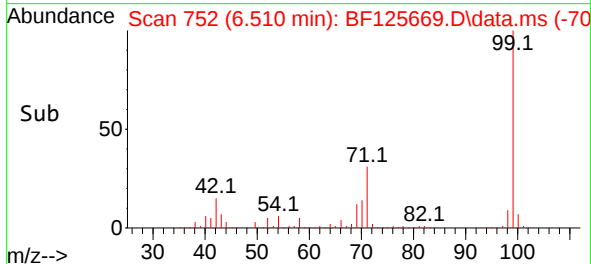
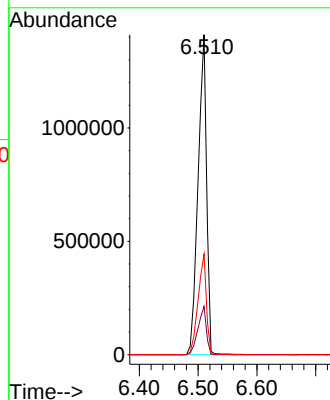
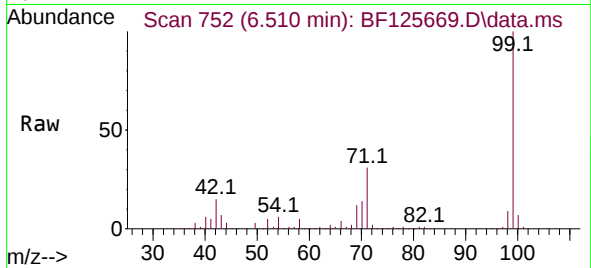




#7
Phenol-d6
Concen: 80.872 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

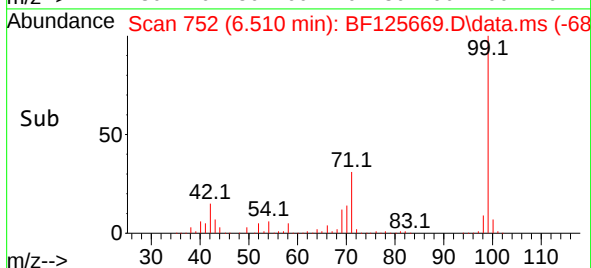
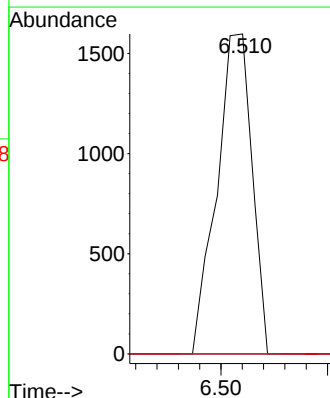
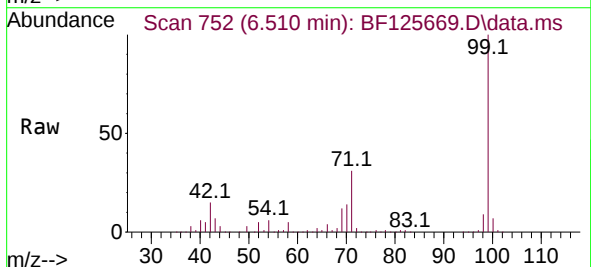
Instrument :
BNA_F
ClientSampleId :
PB139374BL

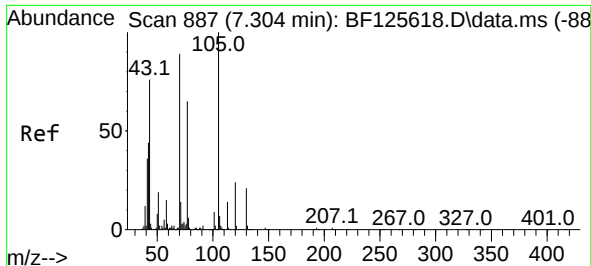
Tgt Ion: 99 Resp: 1429835
Ion Ratio Lower Upper
99 100
42 15.1 23.5 35.3#
71 31.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

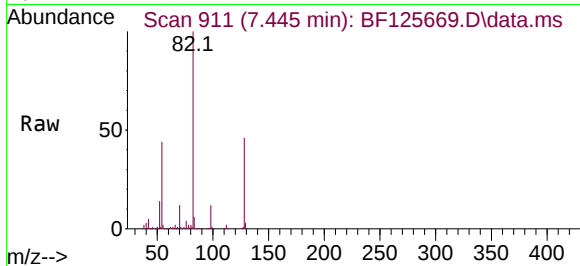
Tgt Ion: 77 Resp: 1836
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#





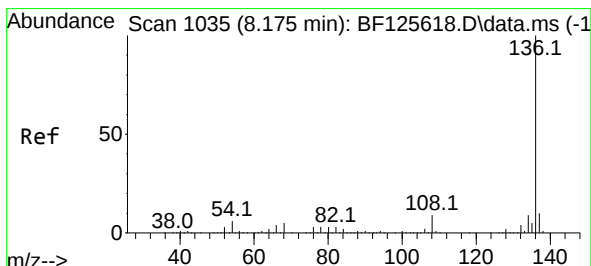
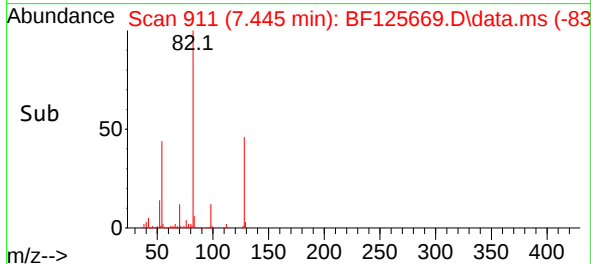
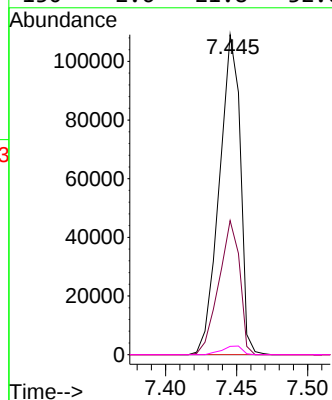
#19
n-Nitroso-di-n-propylamine
Concen: 11.114 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Instrument :
BNA_F
ClientSampleId :
PB139374BL



Tgt Ion: 70 Resp: 111881

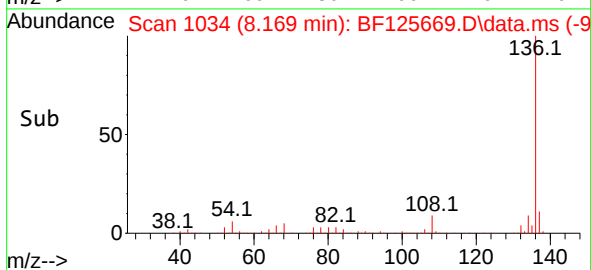
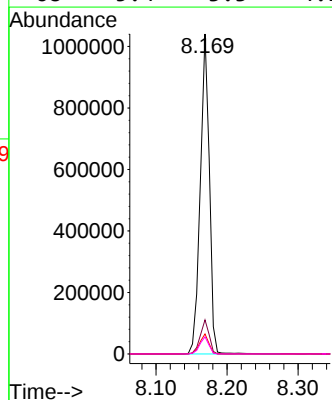
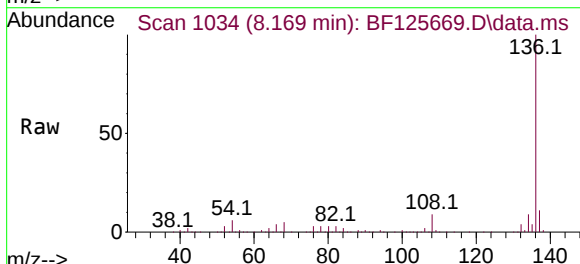
Ion	Ratio	Lower	Upper
70	100		
42	41.9	72.2	108.2#
101	0.0	7.8	11.8#
130	2.6	21.8	32.6#

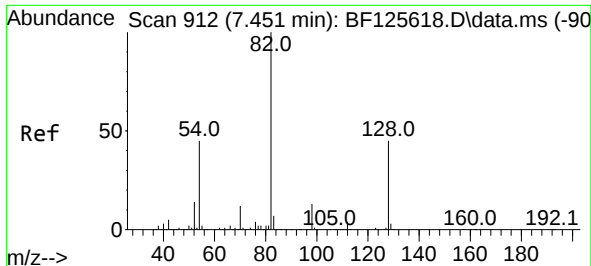


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion: 136 Resp: 928857

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.3	6.4	9.6#
68	5.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 68.188 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125669.D

Acq: 27 Sep 2021 13:36

Instrument :

BNA_F

ClientSampleId :

PB139374BL

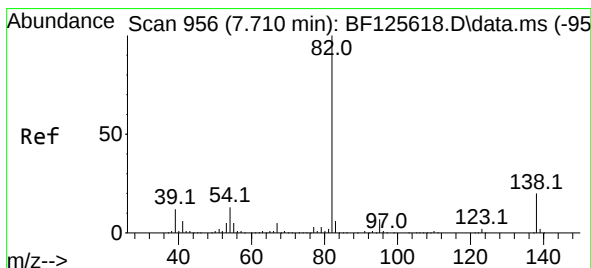
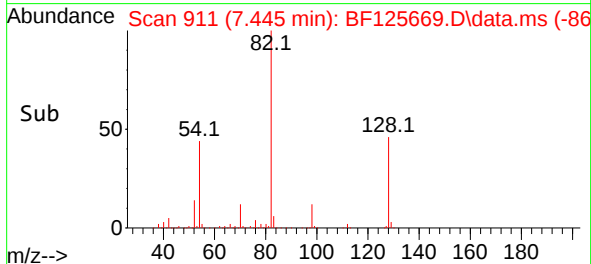
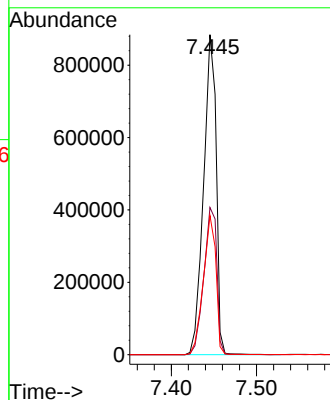
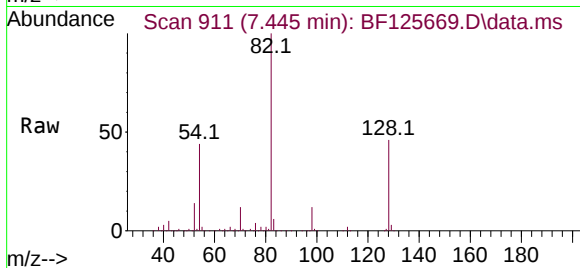
Tgt Ion: 82 Resp: 908051

Ion Ratio Lower Upper

82 100

128 46.0 40.6 60.8

54 43.5 49.6 74.4#



#25

Isophorone

Concen: 30.447 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125669.D

Acq: 27 Sep 2021 13:36

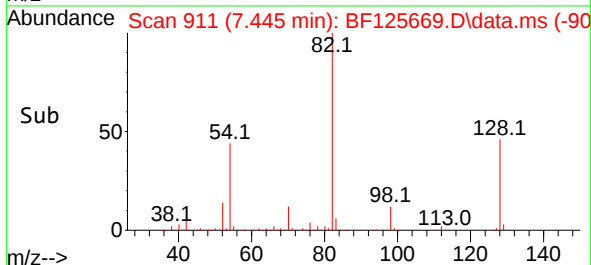
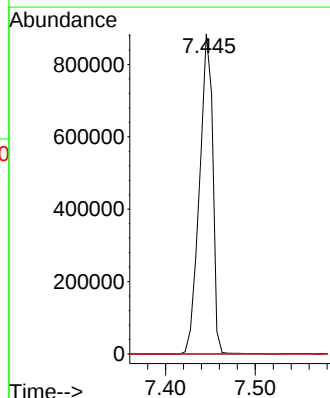
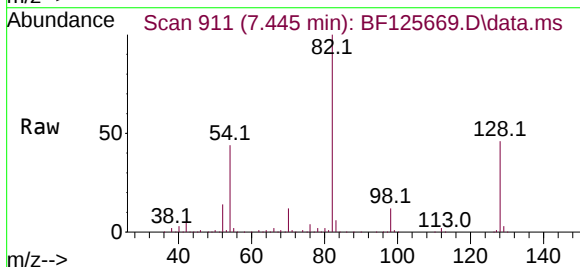
Tgt Ion: 82 Resp: 908037

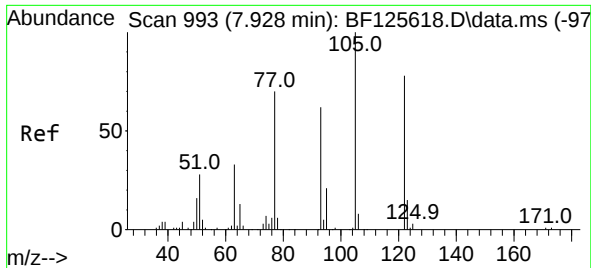
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

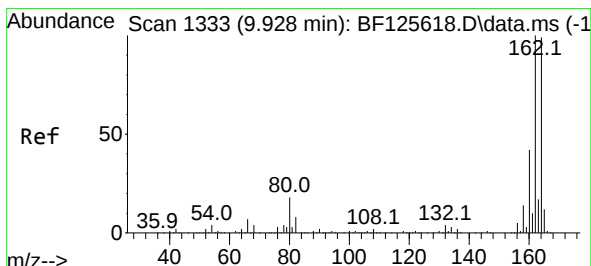
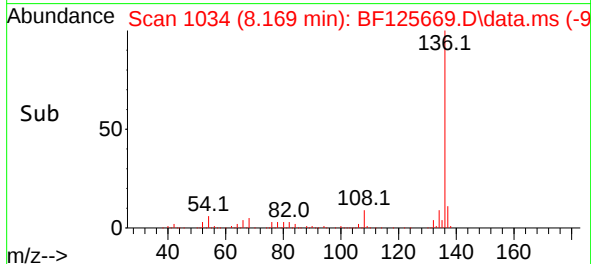
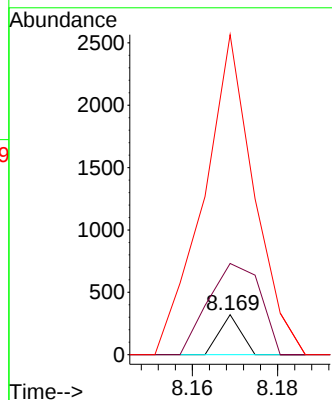
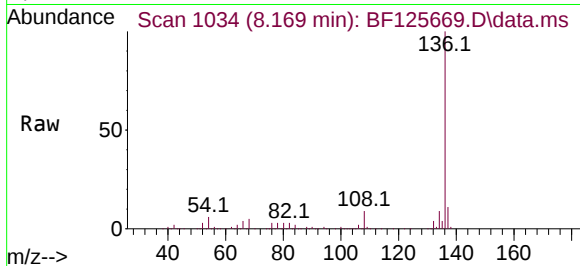




#32
Benzoic acid
Concen: 8.637 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

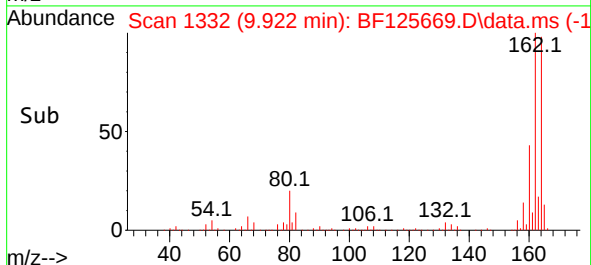
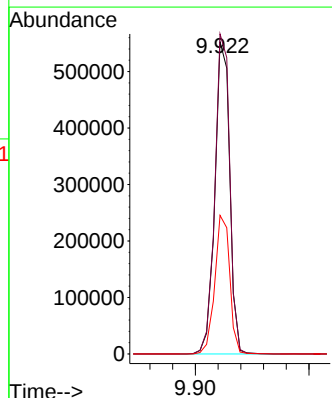
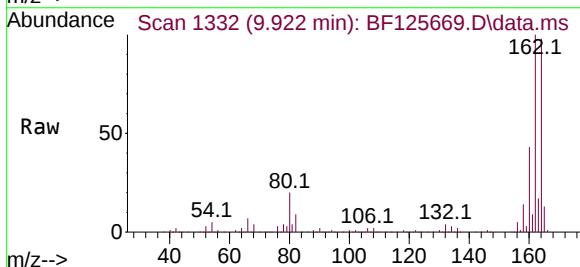
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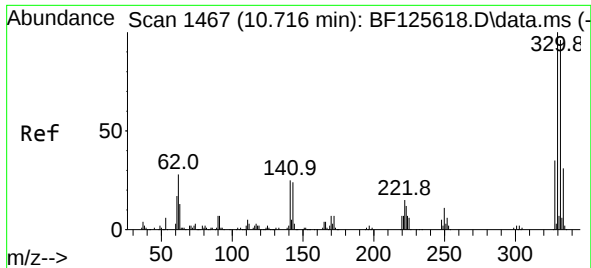
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 227.7 97.6 137.6#
77 799.4 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion:164 Resp: 502337
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.4 38.0 57.0

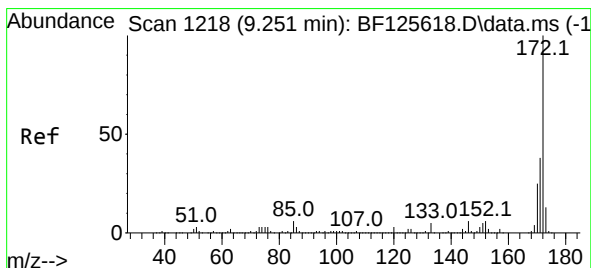
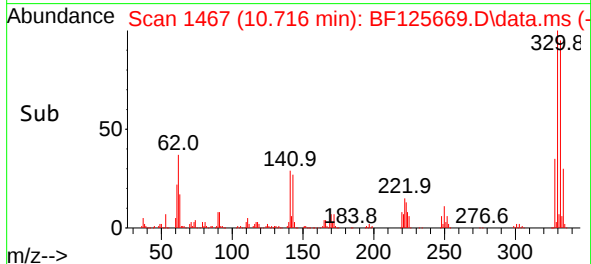
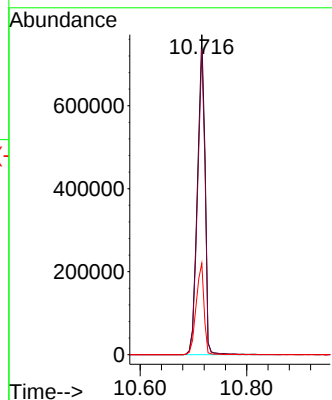
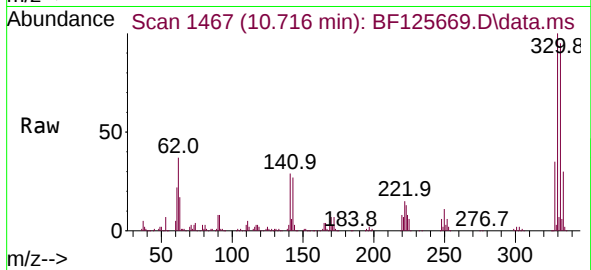




#42
2,4,6-Tribromophenol
Concen: 162.624 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

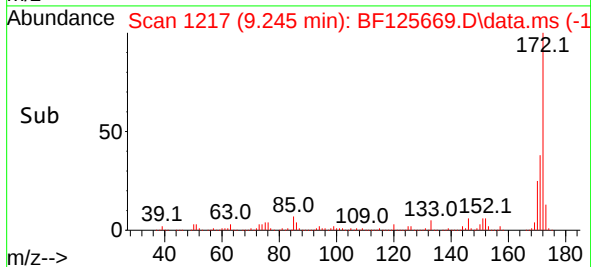
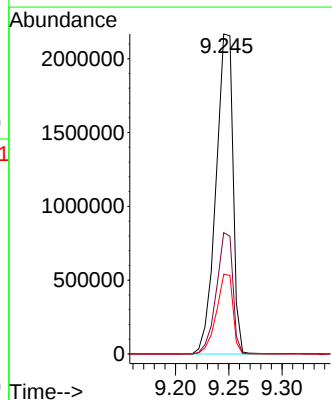
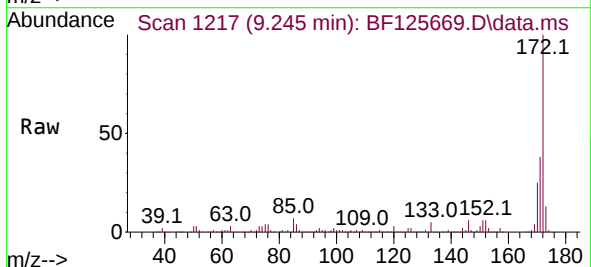
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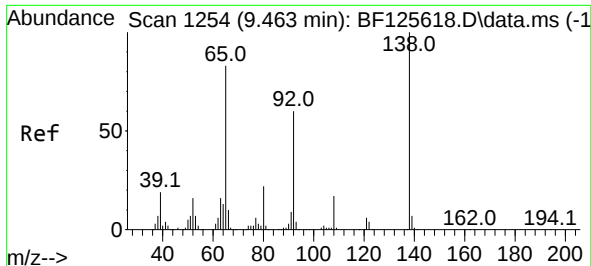
Tgt Ion:330 Resp: 761672
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 29.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 86.440 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion:172 Resp: 2410274
Ion Ratio Lower Upper
172 100
171 37.9 26.5 39.7
170 24.9 18.8 28.2

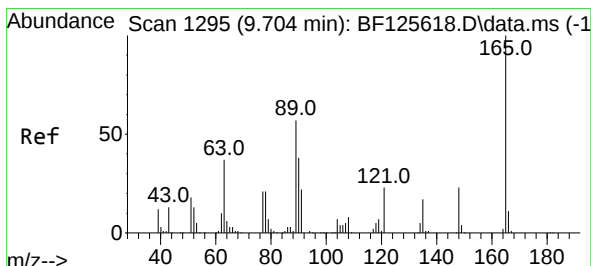
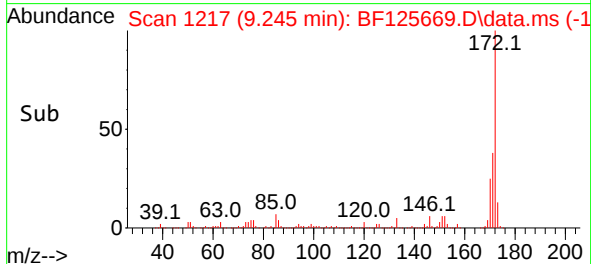
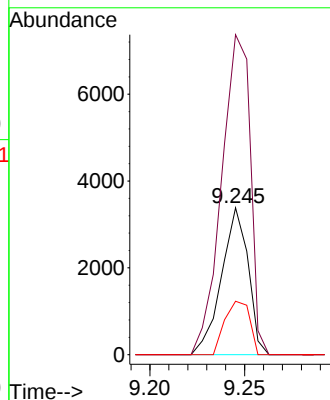
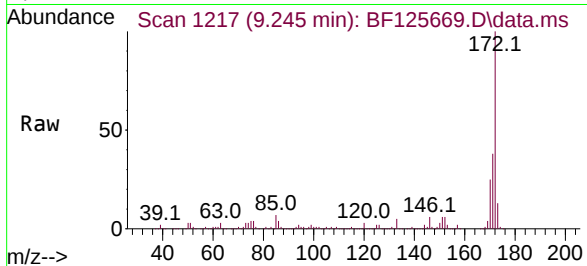




#48
2-Nitroaniline
Concen: 4.577 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

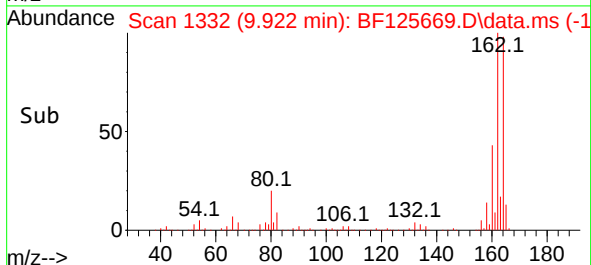
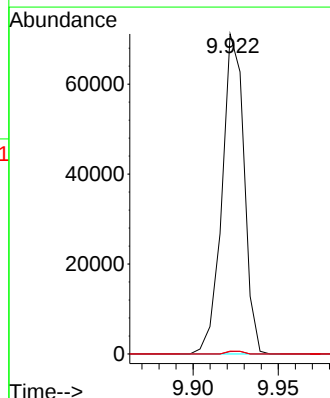
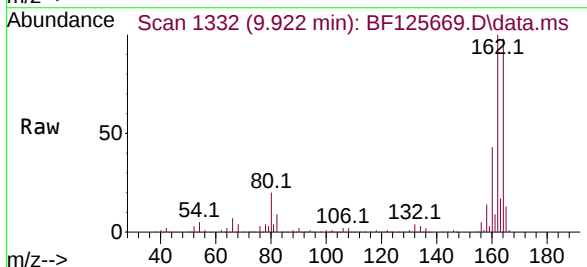
Instrument :
BNA_F
ClientSampleId :
PB139374BL

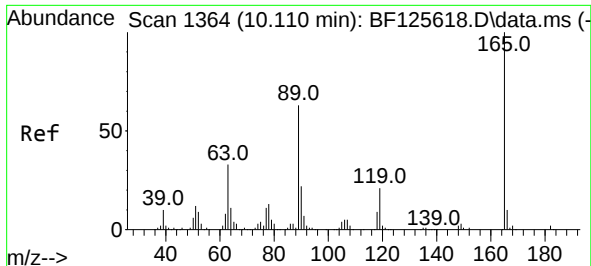
Tgt Ion: 65 Resp: 3323
Ion Ratio Lower Upper
65 100
92 217.8 55.5 83.3#
138 36.3 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.603 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion:165 Resp: 63990
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#

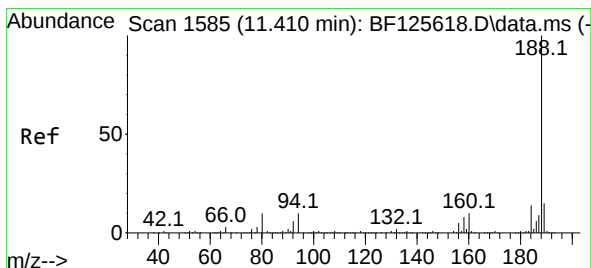
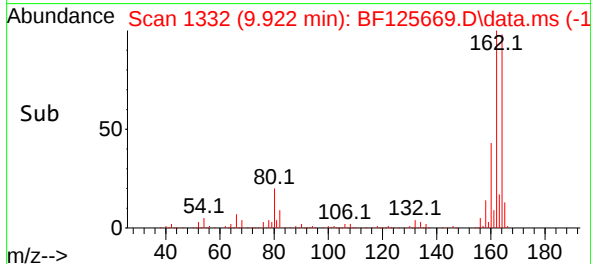
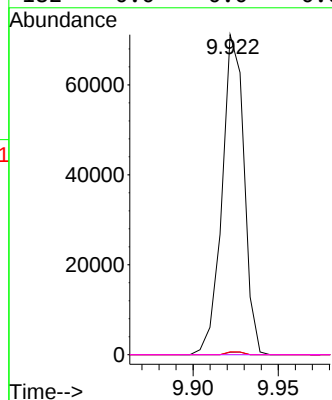
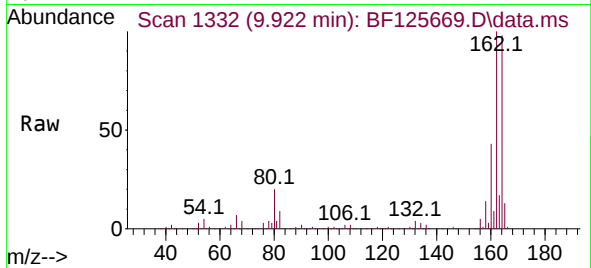




#57
2,4-Dinitrotoluene
Concen: 11.500 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

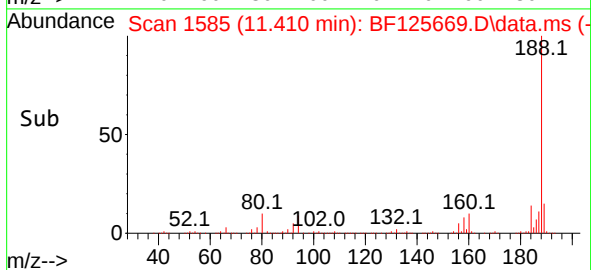
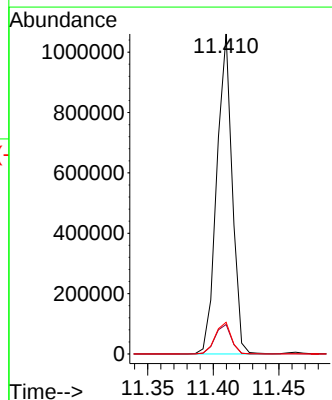
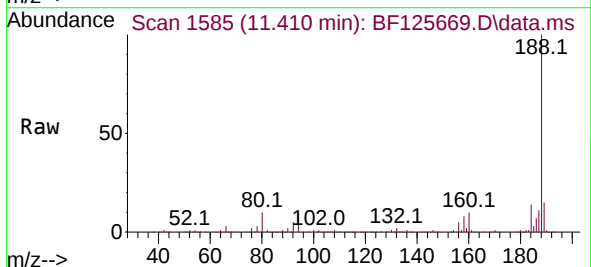
Instrument :
BNA_F
ClientSampleId :
PB139374BL

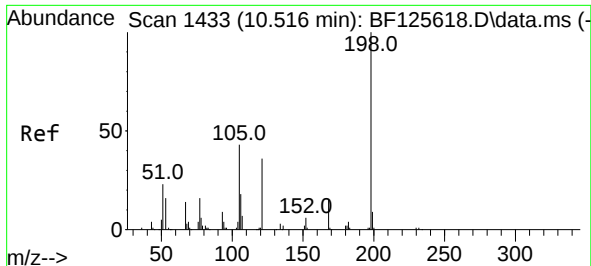
Tgt Ion:165	Resp:	63990
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion:188	Resp:	865278
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.7 10.1
80	9.9	7.5 11.3

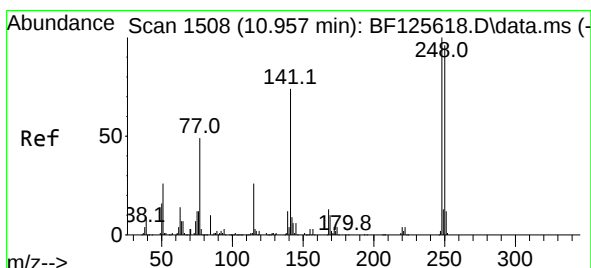
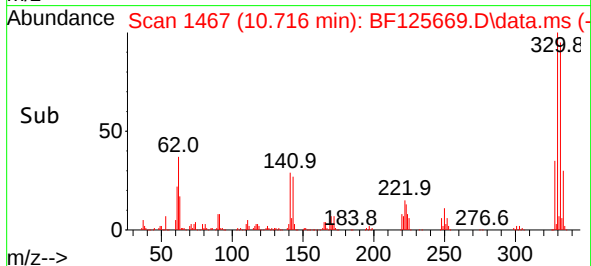
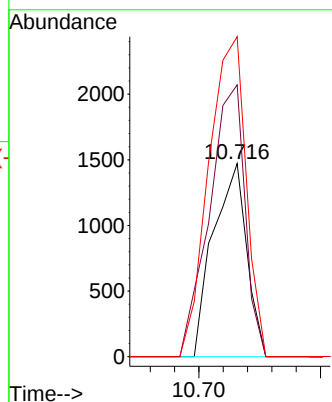
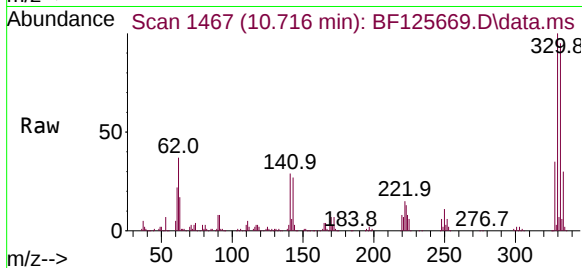




#65
4,6-Dinitro-2-methylphenol
Concen: 9.284 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

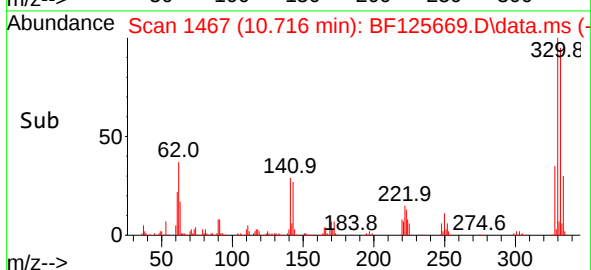
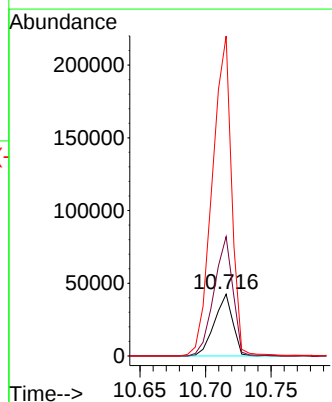
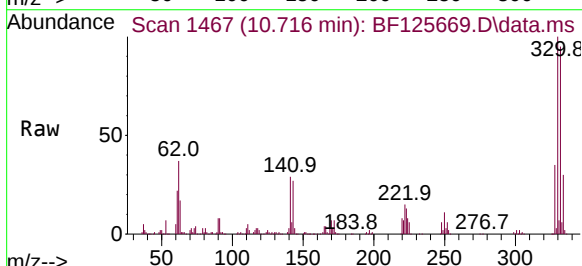
Instrument :
BNA_F
ClientSampleId :
PB139374BL

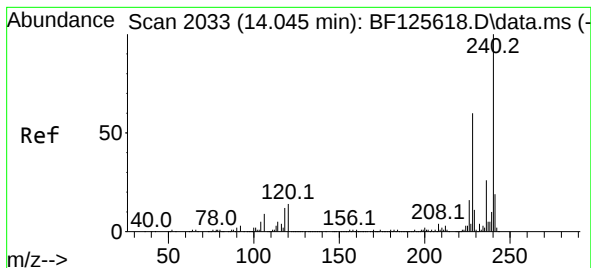
Tgt Ion:198 Resp: 1403
Ion Ratio Lower Upper
198 100
51 140.8 45.3 85.3#
105 165.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.557 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion:248 Resp: 41380
Ion Ratio Lower Upper
248 100
250 193.2 74.2 111.4#
141 517.7 60.4 90.6#

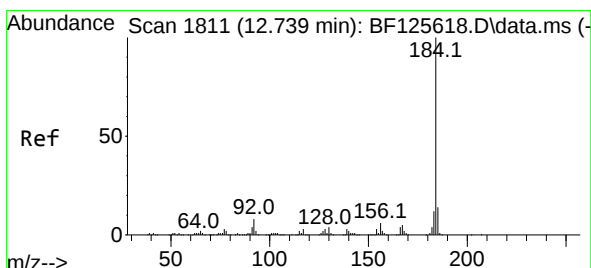
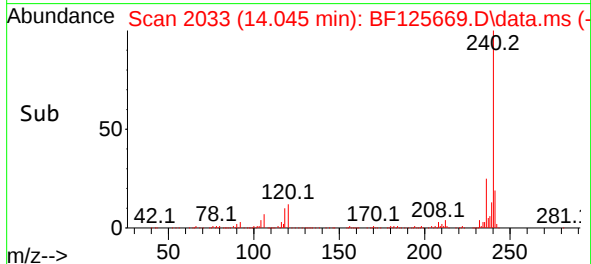
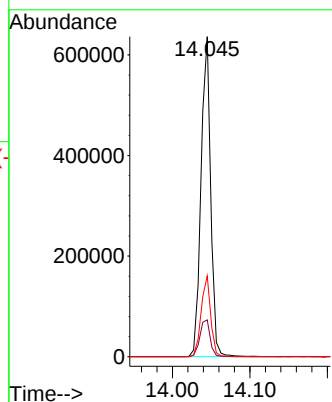
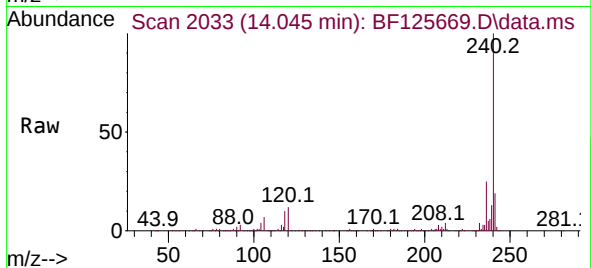




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

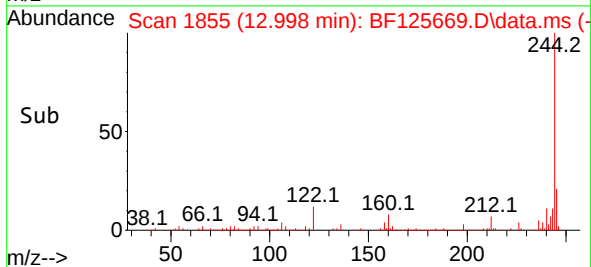
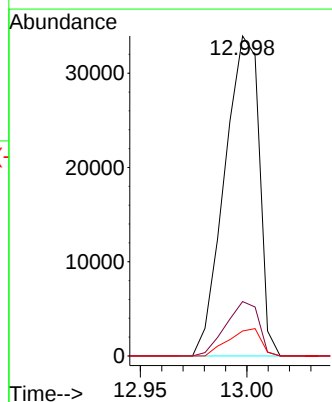
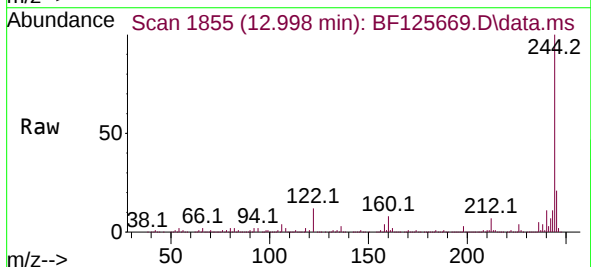
Instrument :
BNA_F
ClientSampleId :
PB139374BL

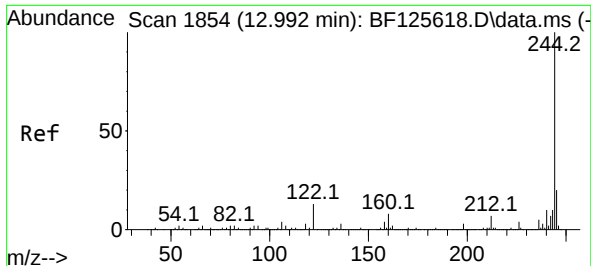
Tgt Ion:240 Resp: 549766
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 25.2 21.6 32.4



#77
Benzidine
Concen: 2.655 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.259 min
Lab File: BF125669.D
Acq: 27 Sep 2021 13:36

Tgt Ion:184 Resp: 38348
Ion Ratio Lower Upper
184 100
185 17.0 10.8 16.2#
183 7.8 8.1 12.1#

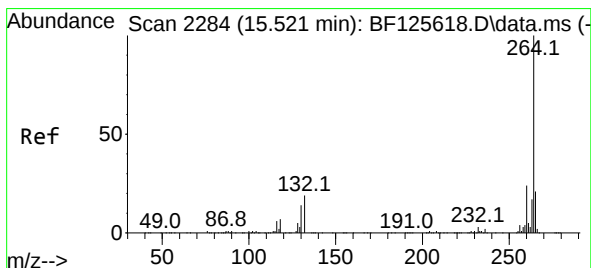
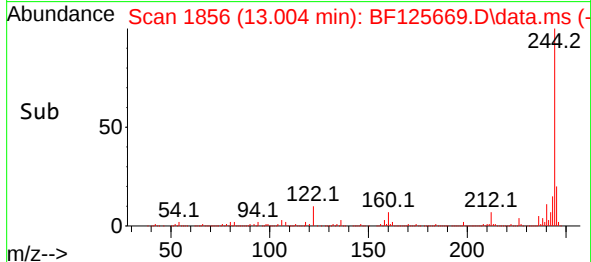
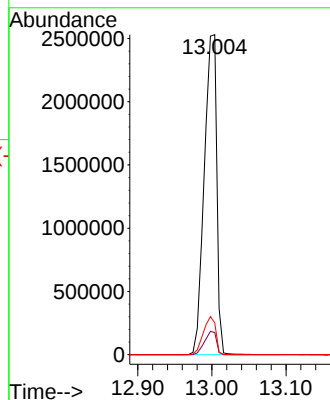
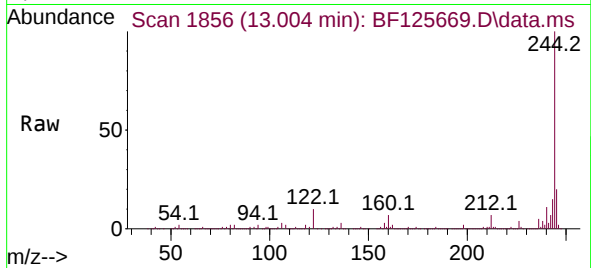




#79
 Terphenyl-d14
 Concen: 93.779 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.012 min
 Lab File: BF125669.D
 Acq: 27 Sep 2021 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB139374BL

Tgt Ion:244 Resp: 2977108
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF125669.D
 Acq: 27 Sep 2021 13:36

Tgt Ion:264 Resp: 388022
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.2 17.2 25.8

