

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125727.D
 Acq On : 30 Sep 2021 11:53
 Operator : JU/CG
 Sample : PB139463BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139463BL

Quant Time: Sep 30 12:32:11 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)

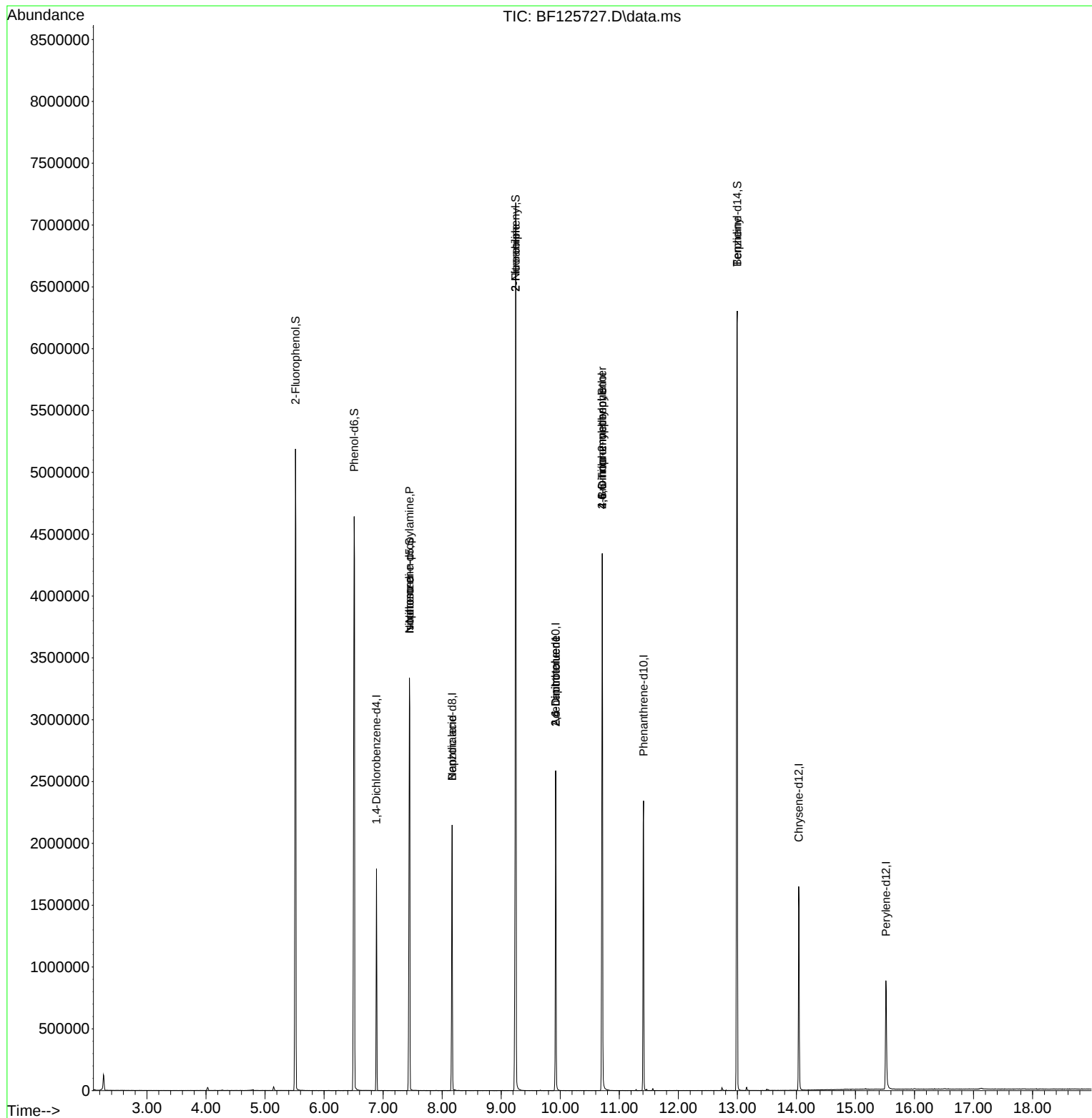
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	250214	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1026082	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	539538	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	909157	20.000	ng	0.00
76) Chrysene-d12	14.039	240	584172	20.000	ng	0.00
86) Perylene-d12	15.515	264	432626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1840863	121.214	ng	0.01
7) Phenol-d6	6.510	99	2253363	110.364	ng	0.00
23) Nitrobenzene-d5	7.445	82	1369894	93.122	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	623434	123.931	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2574149	85.863	ng	0.00
79) Terphenyl-d14	12.998	244	2521810	74.758	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	3028	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	170652	14.680	ng	# 50
25) Isophorone	7.445	82	1364143	41.406	ng	# 59
32) Benzoic acid	8.169	122	147	8.639	ng	# 1
48) 2-Nitroaniline	9.245	65	3541	4.574	ng	# 1
51) 2,6-Dinitrotoluene	9.921	165	67849	12.494	ng	# 27
57) 2,4-Dinitrotoluene	9.921	165	67851	11.414	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1309	9.253	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	34892	3.657	ng	# 1
77) Benzidine	12.998	184	31685	2.065	ng	97

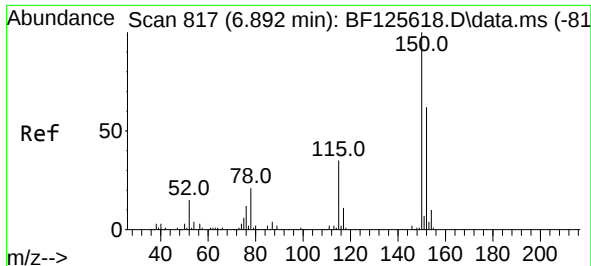
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
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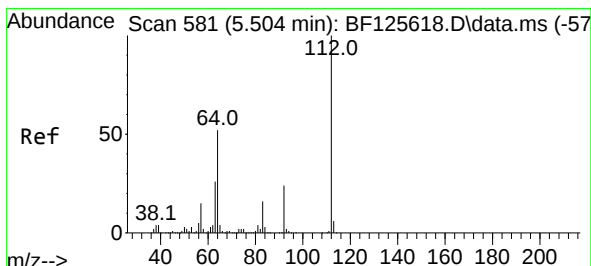
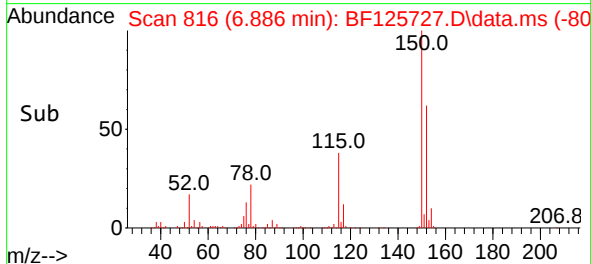
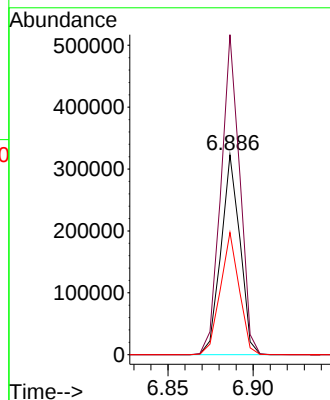
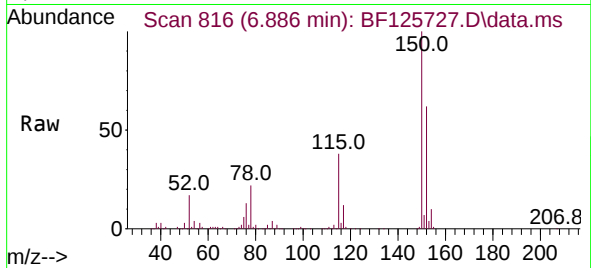




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

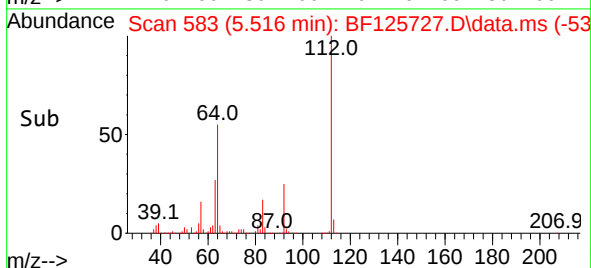
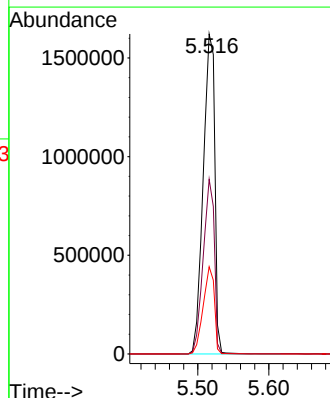
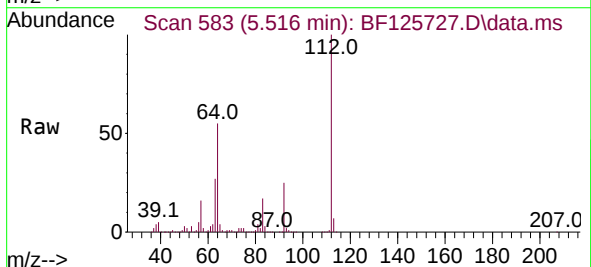
Instrument :
BNA_F
ClientSampleId :
PB139463BL

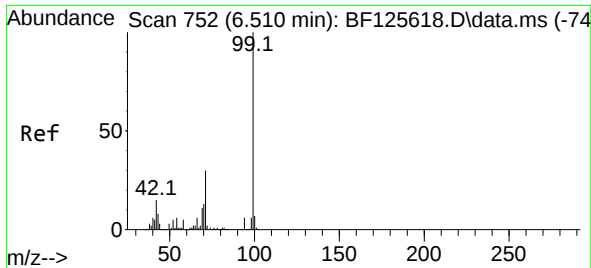
Tgt Ion:152 Resp: 250214
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 121.214 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion:112 Resp: 1840863
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.2 26.2 39.2

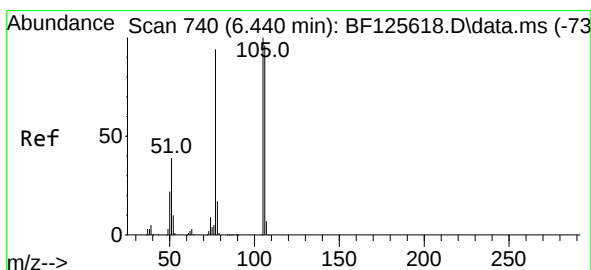
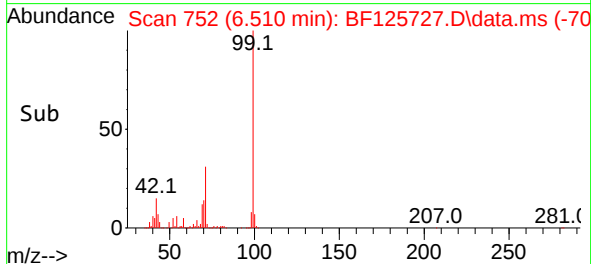
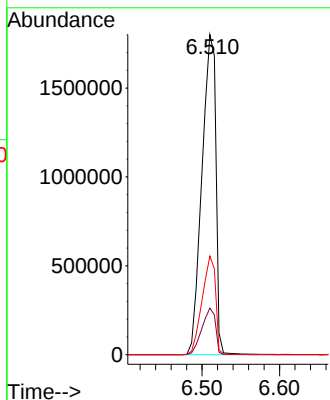
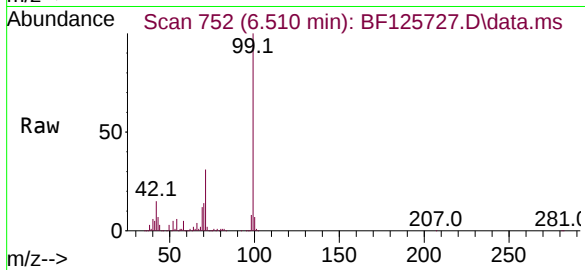




#7
Phenol-d6
Concen: 110.364 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

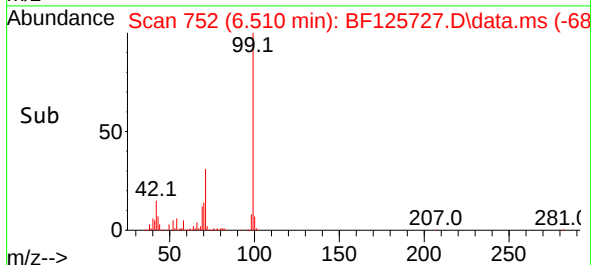
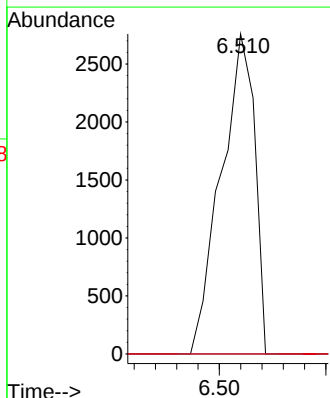
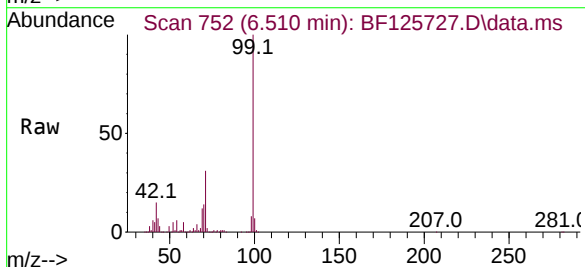
Instrument :
BNA_F
ClientSampleId :
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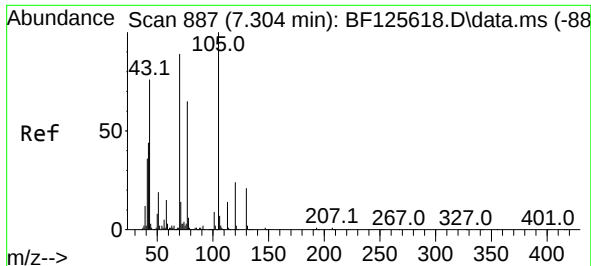
Tgt Ion: 99 Resp: 2253363
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

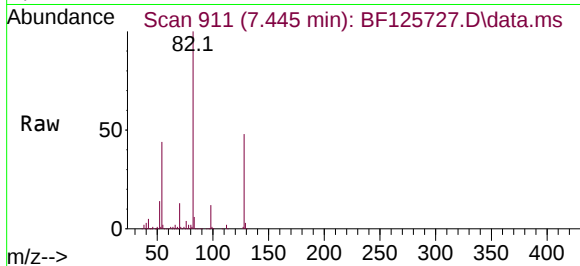
Tgt Ion: 77 Resp: 3028
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



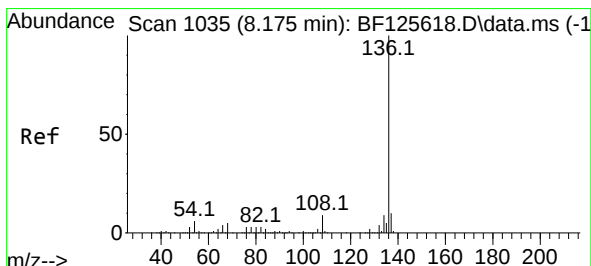
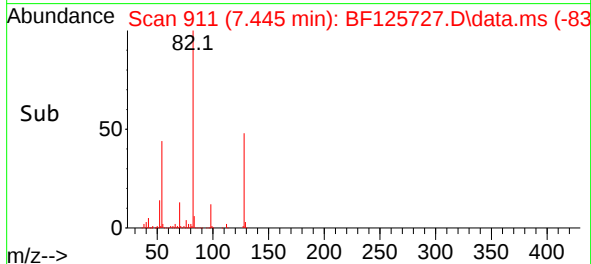
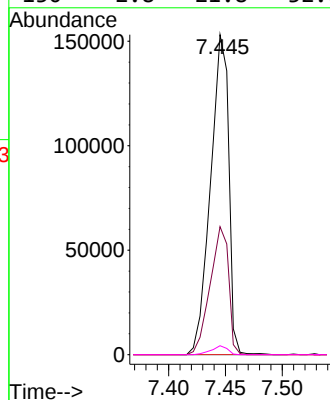


#19
n-Nitroso-di-n-propylamine
Concen: 14.680 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Instrument :
BNA_F
ClientSampleId :
PB139463BL

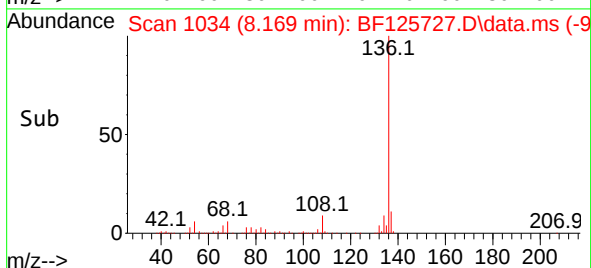
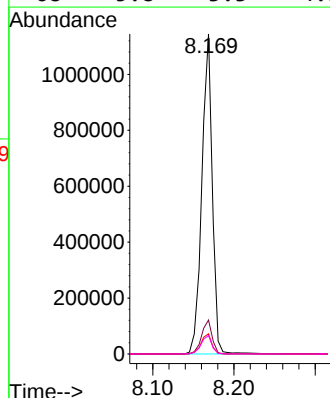
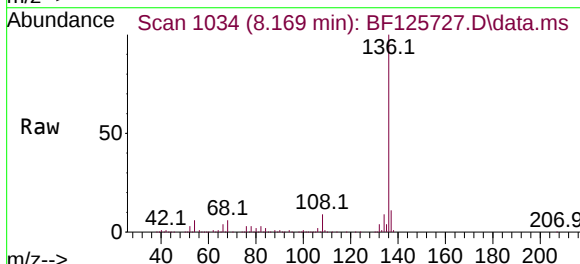


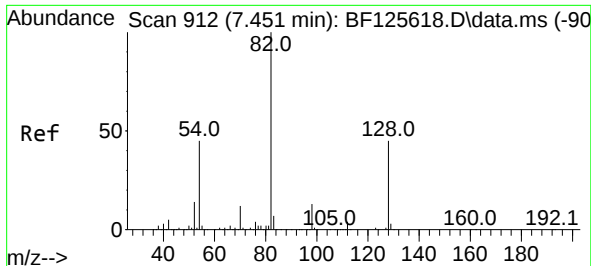
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.0	72.2	108.2#
101	0.0	7.8	11.8#
130	2.8	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.3	6.4	9.6#
68	5.8	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 93.122 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125727.D

Acq: 30 Sep 2021 11:53

Instrument :

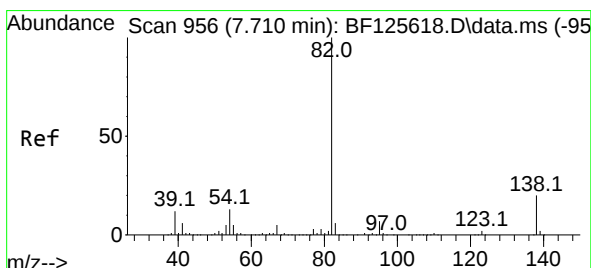
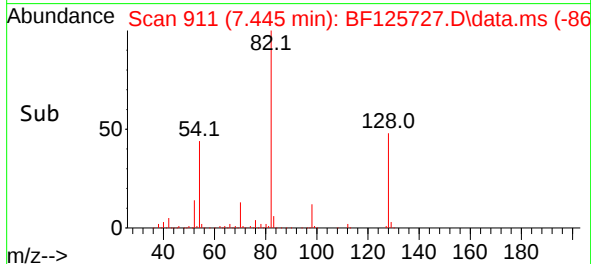
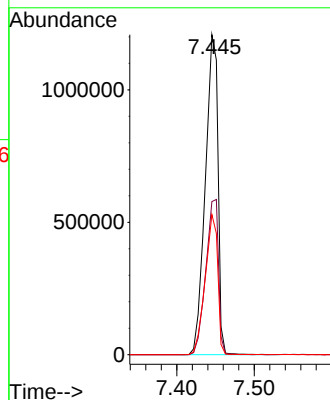
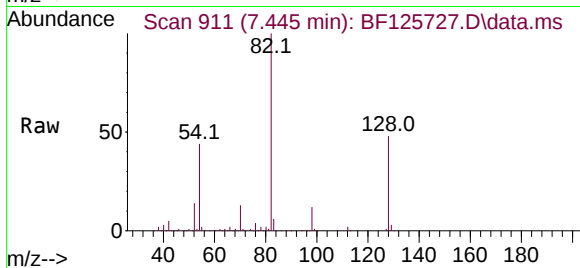
BNA_F

ClientSampleId :

PB139463BL

Tgt Ion: 82 Resp: 1369894

Ion	Ratio	Lower	Upper
82	100		
128	47.9	40.6	60.8
54	43.8	49.6	74.4#



#25

Isophorone

Concen: 41.406 ng

RT: 7.445 min Scan# 911

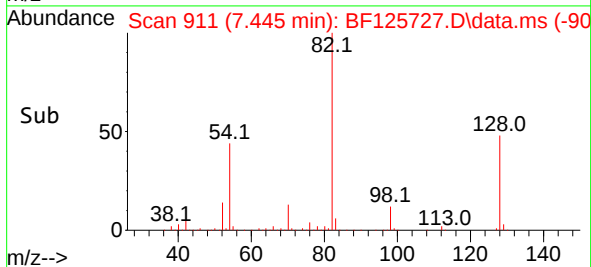
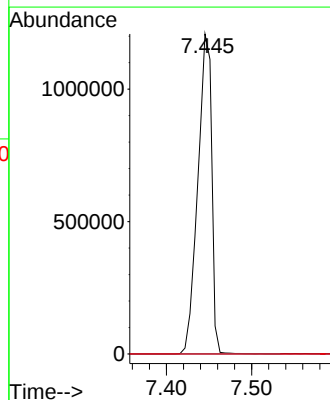
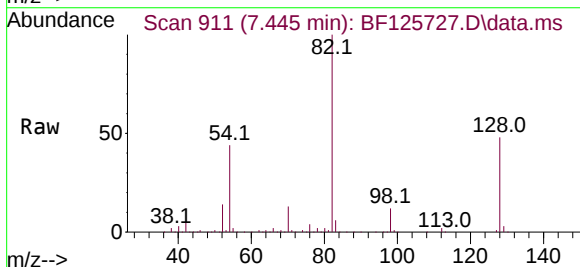
Delta R.T. -0.265 min

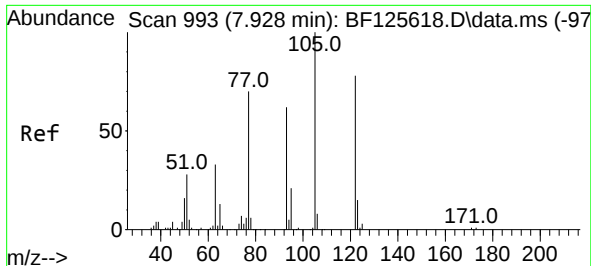
Lab File: BF125727.D

Acq: 30 Sep 2021 11:53

Tgt Ion: 82 Resp: 1364143

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

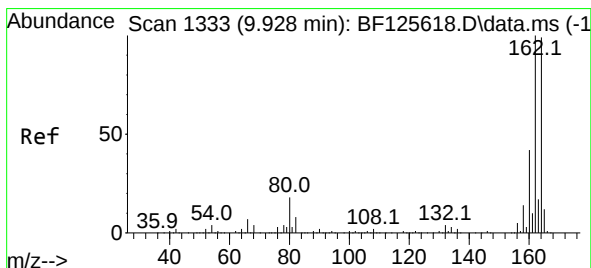
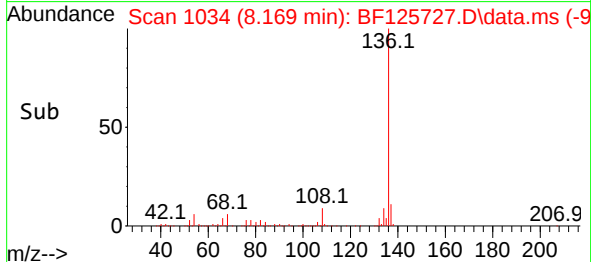
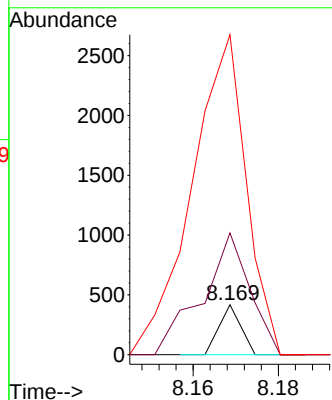
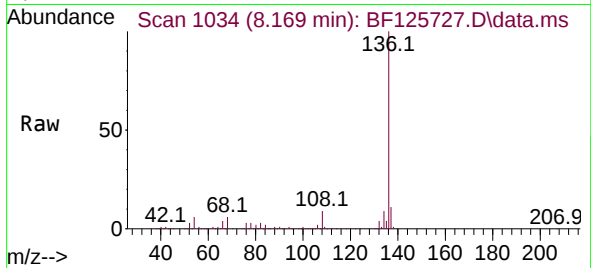




#32
Benzoic acid
Concen: 8.639 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

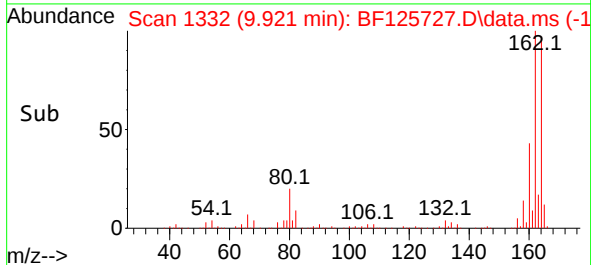
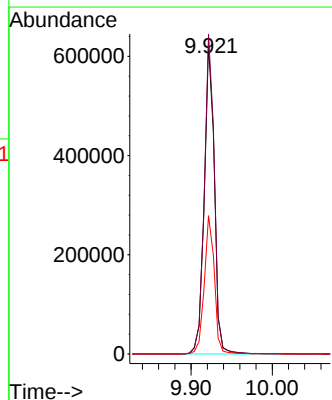
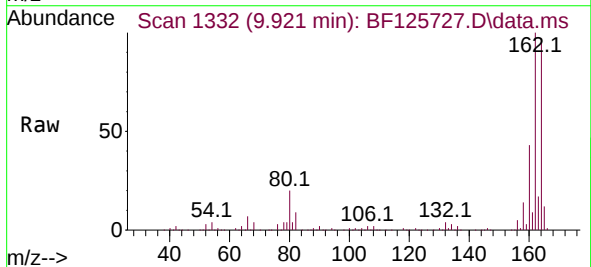
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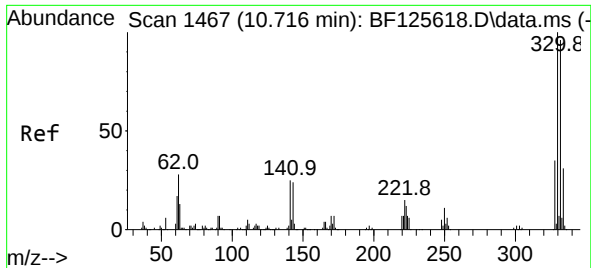
Tgt Ion:122 Resp: 147
Ion Ratio Lower Upper
122 100
105 243.5 97.6 137.6#
77 640.0 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion:164 Resp: 539538
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 44.7 38.0 57.0

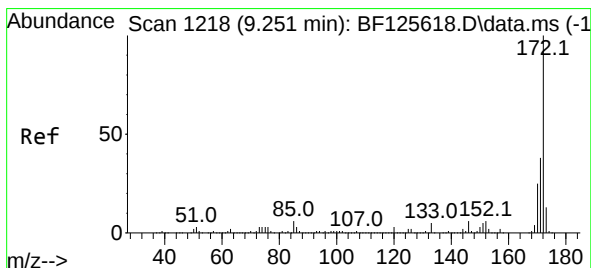
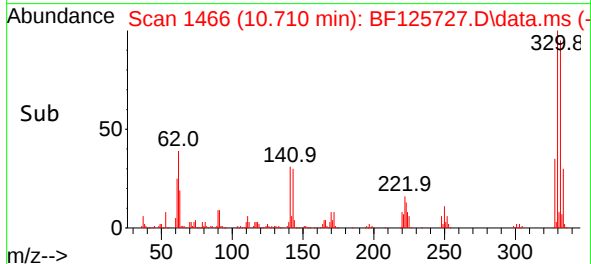
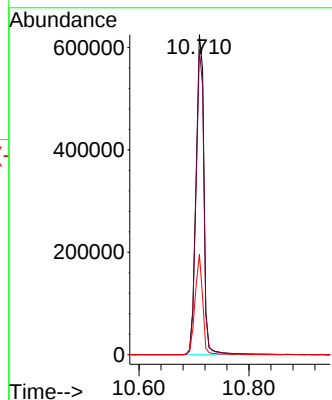
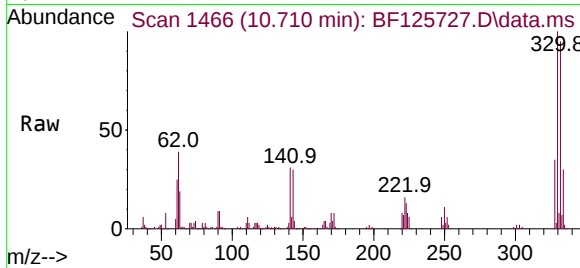




#42
2,4,6-Tribromophenol
Concen: 123.931 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

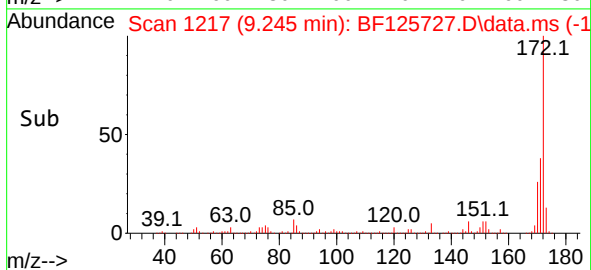
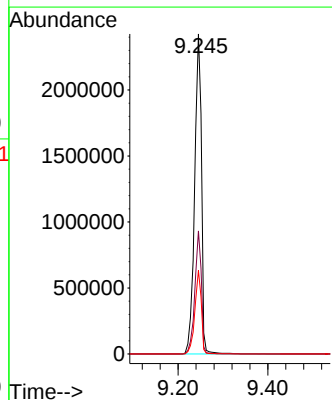
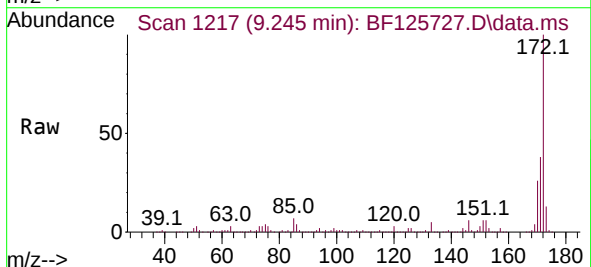
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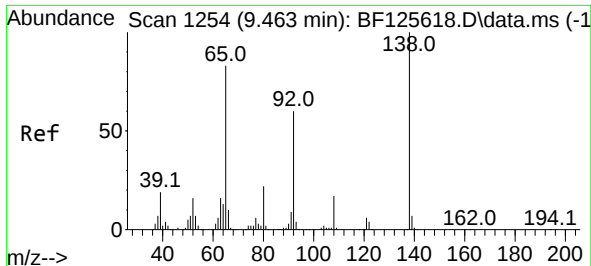
Tgt Ion:330 Resp: 623434
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 30.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 85.863 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion:172 Resp: 2574149
Ion Ratio Lower Upper
172 100
171 38.5 26.5 39.7
170 26.1 18.8 28.2

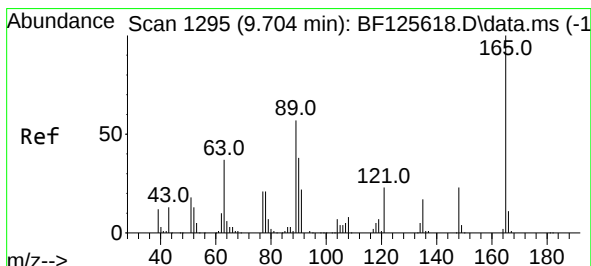
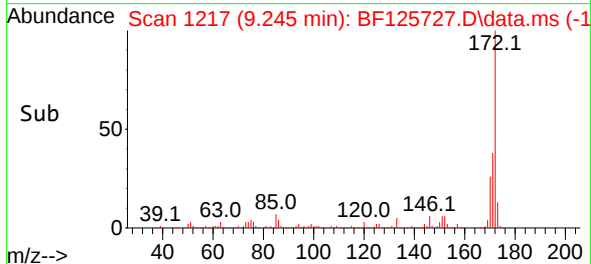
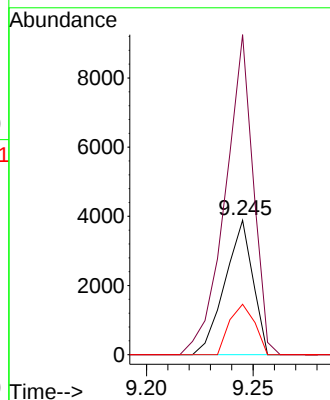
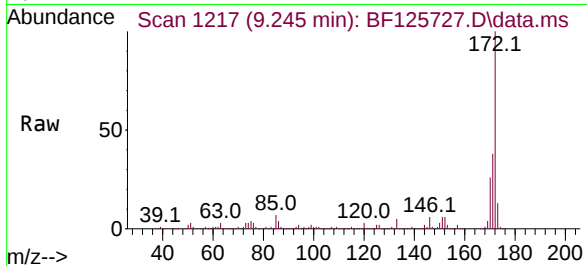




#48
2-Nitroaniline
Concen: 4.574 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

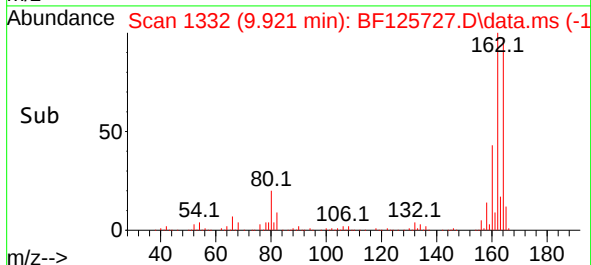
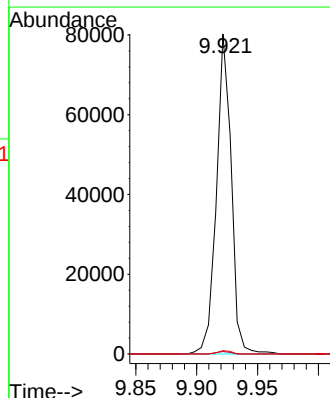
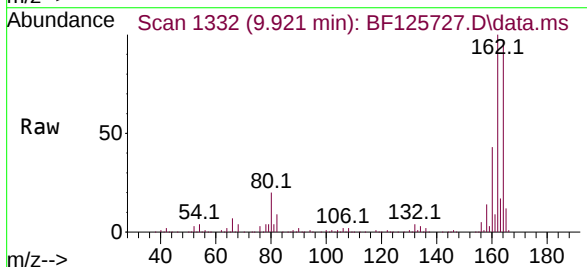
Instrument :
BNA_F
ClientSampleId :
PB139463BL

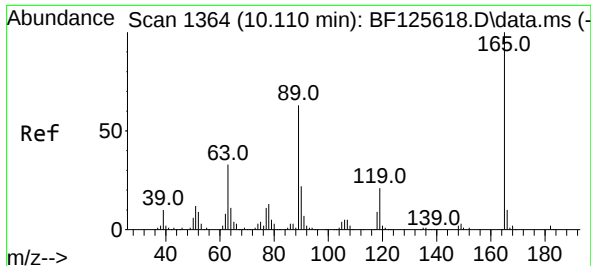
Tgt Ion: 65 Resp: 3541
Ion Ratio Lower Upper
65 100
92 238.1 55.5 83.3#
138 37.4 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.494 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion: 165 Resp: 67849
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.1 40.6 60.8#

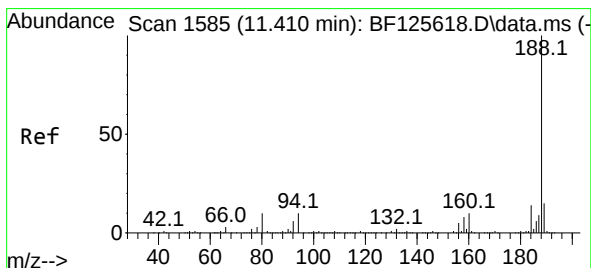
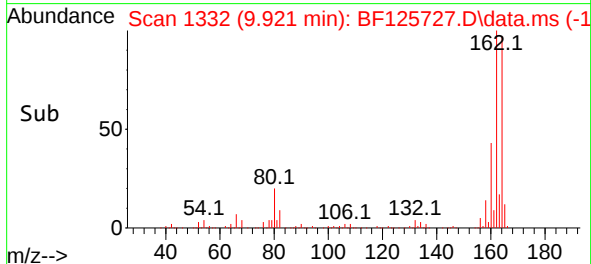
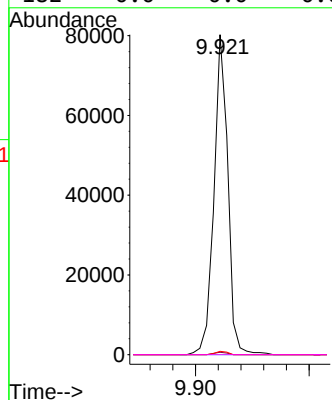
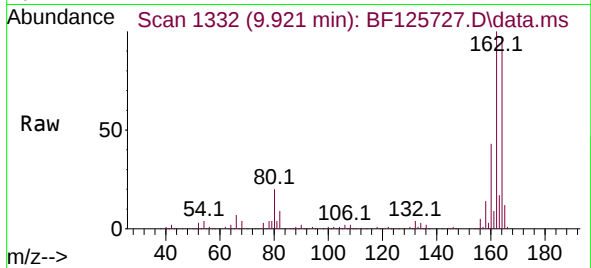




#57
2,4-Dinitrotoluene
Concen: 11.414 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

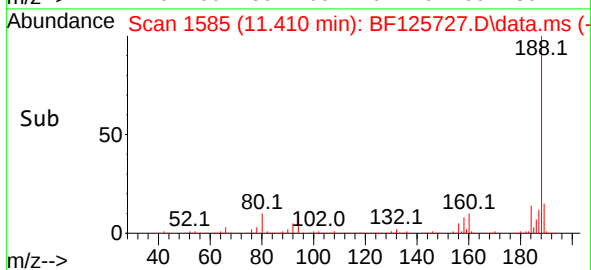
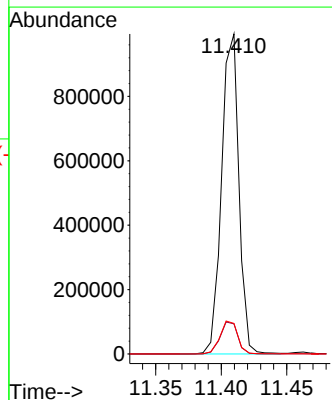
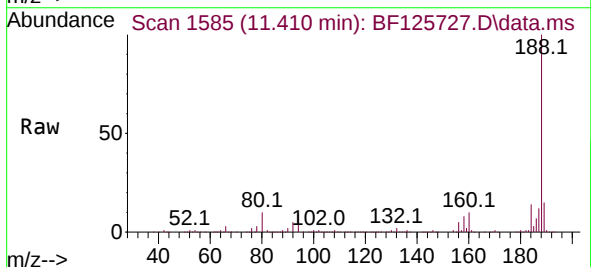
Instrument :
BNA_F
ClientSampleId :
PB139463BL

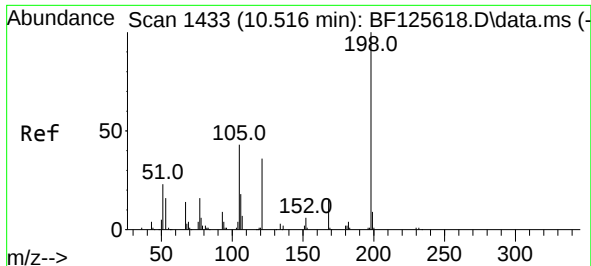
Tgt Ion:165	Resp:	67851
Ion Ratio	Lower	Upper
165	100	
63	0.7	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion:188	Resp:	909157
Ion Ratio	Lower	Upper
188	100	
94	9.4	6.7 10.1
80	9.5	7.5 11.3

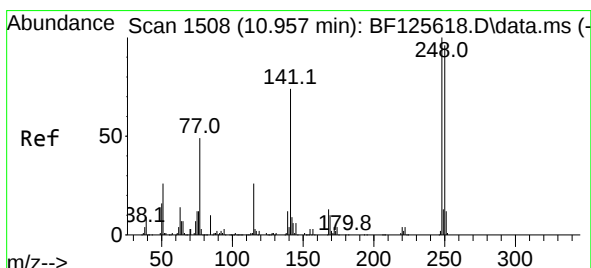
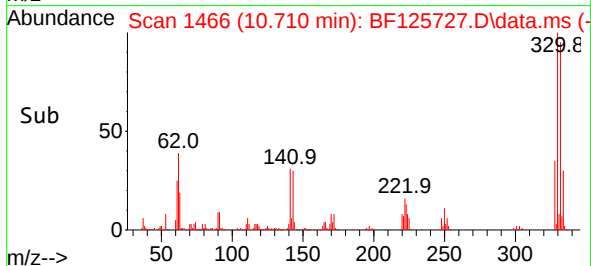
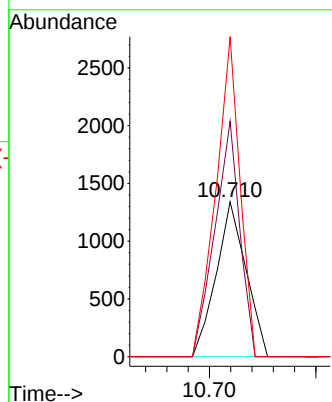
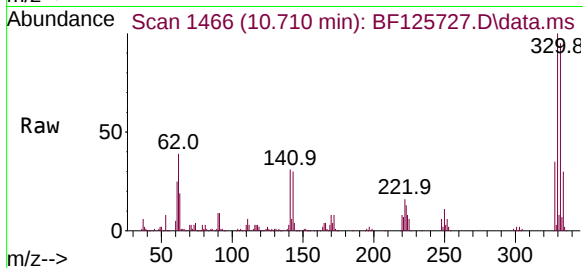




#65
4,6-Dinitro-2-methylphenol
Concen: 9.253 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

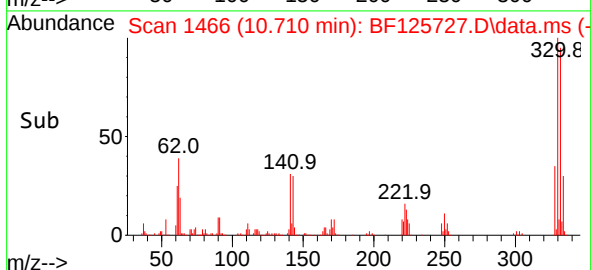
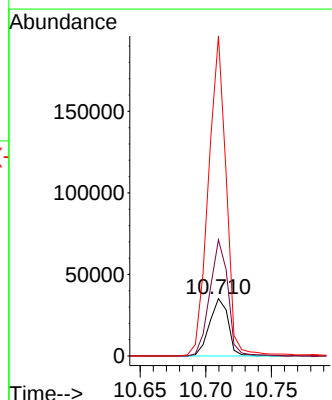
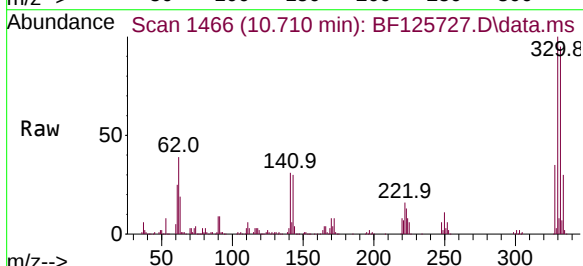
Instrument :
BNA_F
ClientSampleId :
PB139463BL

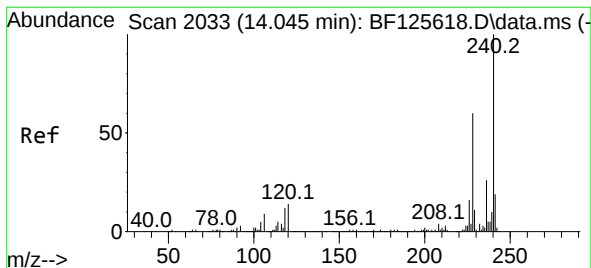
Tgt Ion:198 Resp: 1309
Ion Ratio Lower Upper
198 100
51 152.1 45.3 85.3#
105 206.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.657 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion:248 Resp: 34892
Ion Ratio Lower Upper
248 100
250 202.7 74.2 111.4#
141 558.5 60.4 90.6#

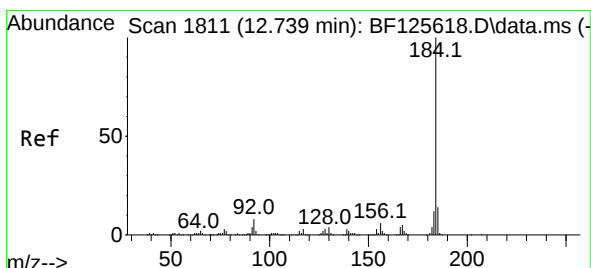
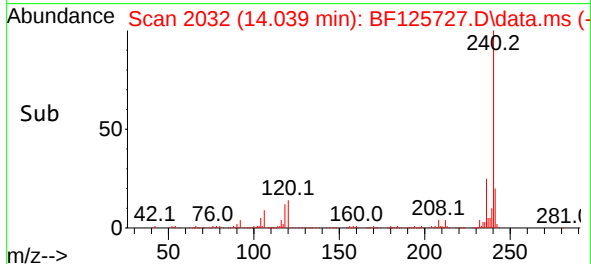
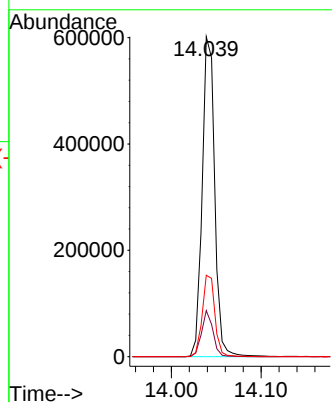
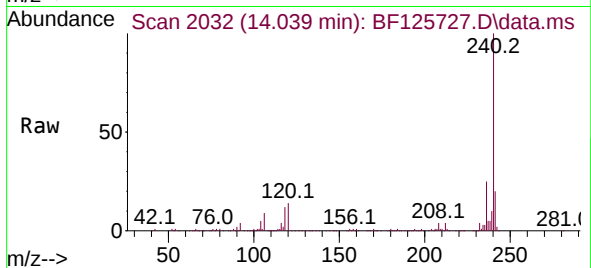




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

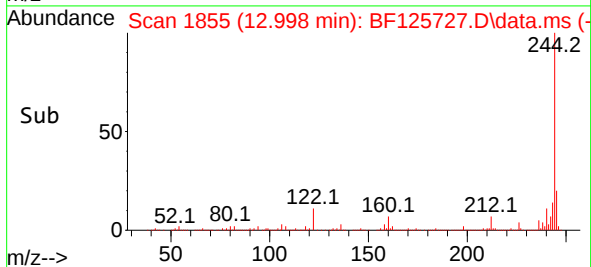
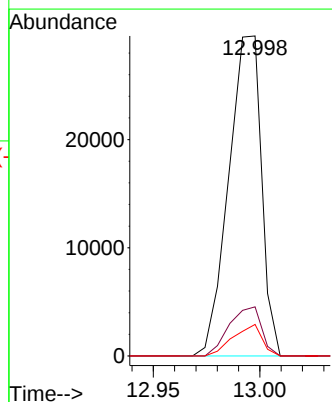
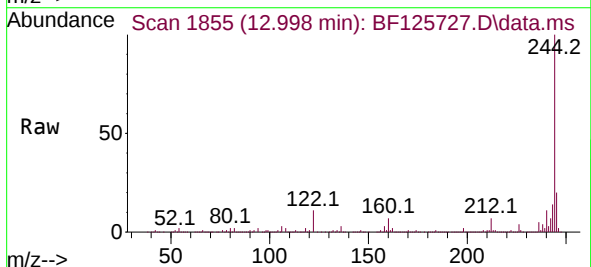
Instrument :
BNA_F
ClientSampleId :
PB139463BL

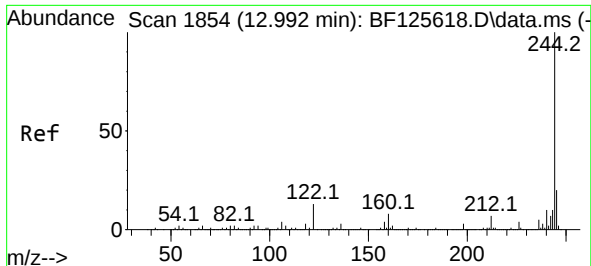
Tgt Ion:240 Resp: 584172
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 25.5 21.6 32.4



#77
Benzidine
Concen: 2.065 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.259 min
Lab File: BF125727.D
Acq: 30 Sep 2021 11:53

Tgt Ion:184 Resp: 31685
Ion Ratio Lower Upper
184 100
185 15.4 10.8 16.2
183 9.8 8.1 12.1

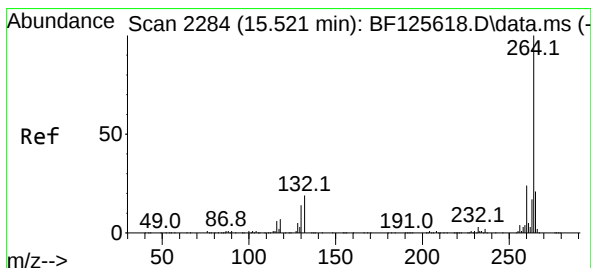
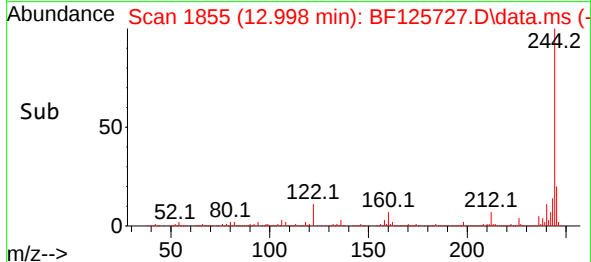
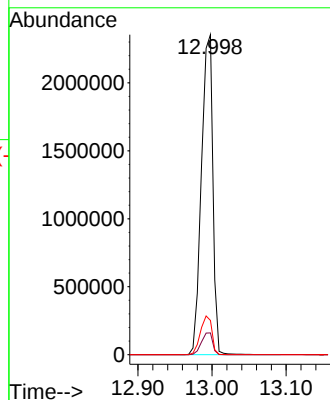
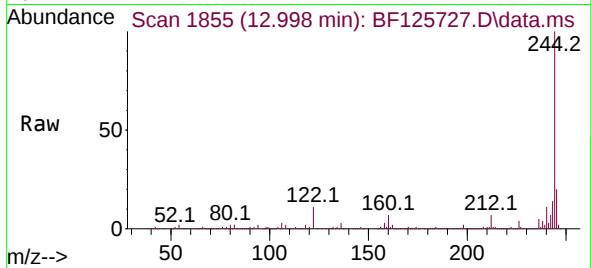




#79
 Terphenyl-d14
 Concen: 74.758 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125727.D
 Acq: 30 Sep 2021 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB139463BL

Tgt Ion:244 Resp: 2521810
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.7 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: BF125727.D
 Acq: 30 Sep 2021 11:53

Tgt Ion:264 Resp: 432626
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.0 17.2 25.8

