

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125678.D
 Acq On : 27 Sep 2021 18:30
 Operator : JU/CG
 Sample : M3938-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 19:08:15 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)

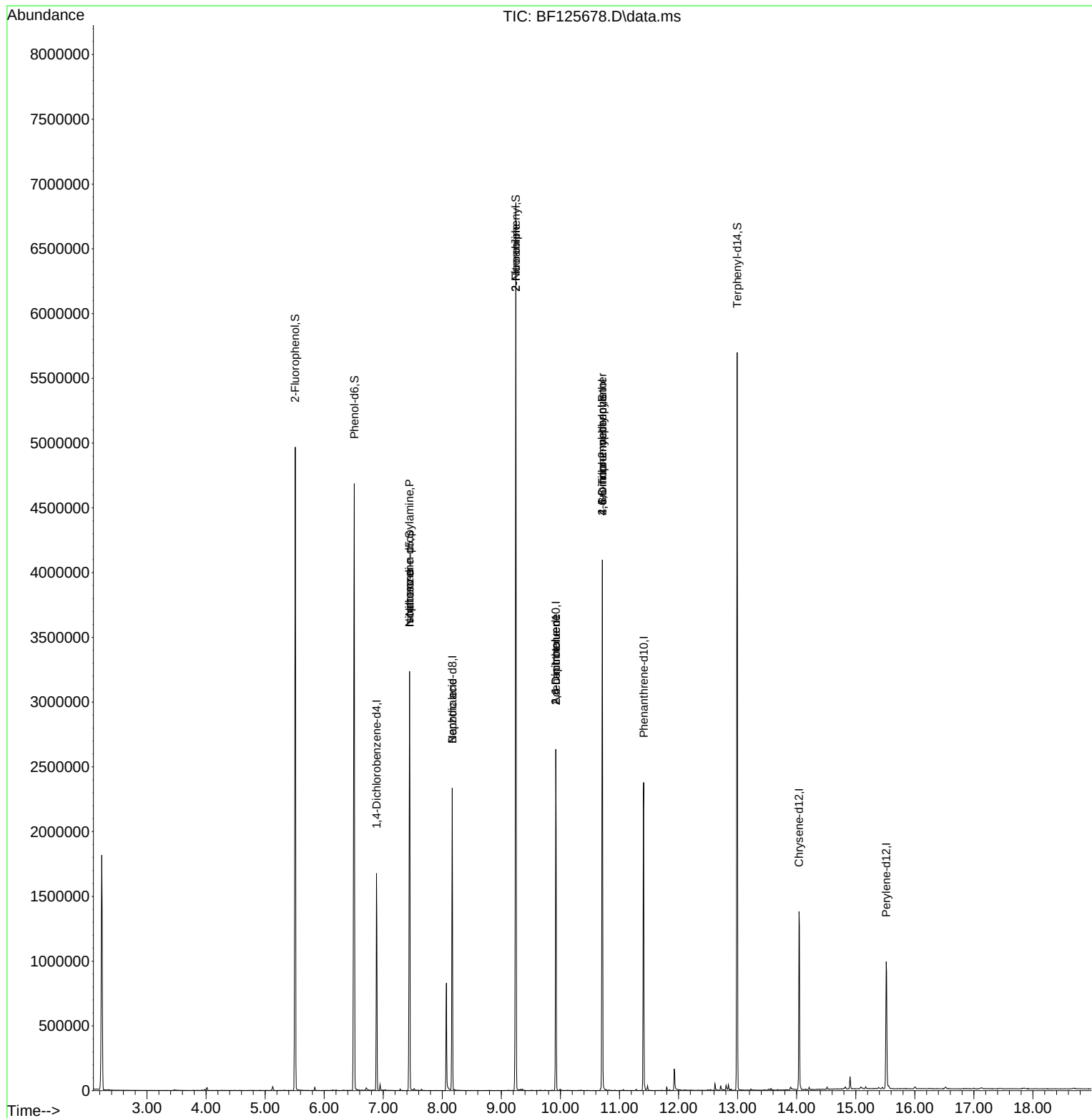
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	244743	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1017080	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	535963	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	886330	20.000	ng	0.00
76) Chrysene-d12	14.039	240	471090	20.000	ng	0.00
86) Perylene-d12	15.515	264	435041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1565312	105.374	ng	0.00
7) Phenol-d6	6.510	99	1903642	95.320	ng	0.00
23) Nitrobenzene-d5	7.445	82	1127017	77.290	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	516938	103.446	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2101901	67.752	ng	0.00
79) Terphenyl-d14	12.992	244	1865567	68.580	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2629	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	139831	12.297	ng	# 52
25) Isophorone	7.445	82	1127006	34.511	ng	# 59
32) Benzoic acid	8.169	122	144	8.639	ng	# 1
48) 2-Nitroaniline	9.245	65	3022	4.515	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	66776	12.416	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	66776	11.353	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1156	9.231	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	28387	3.052	ng	# 1

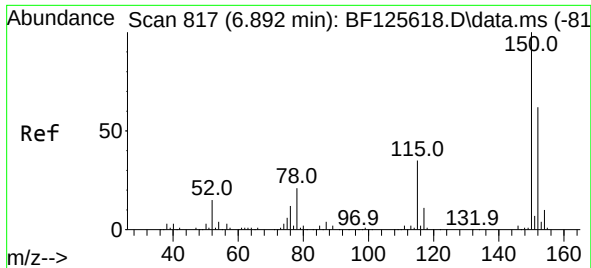
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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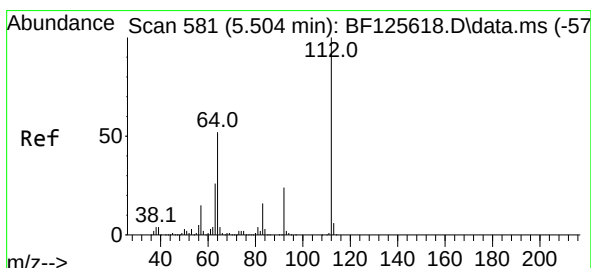
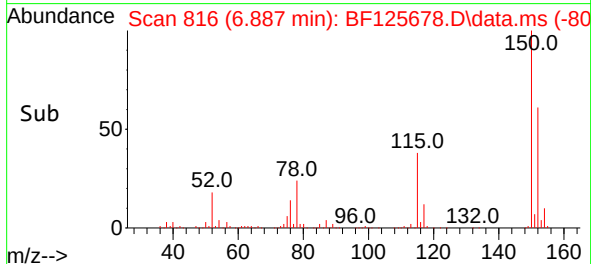
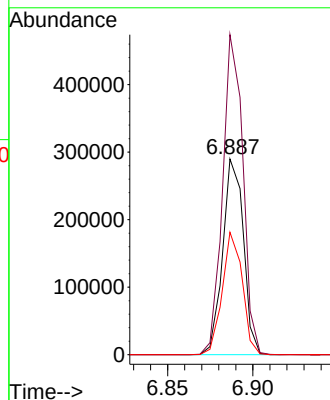
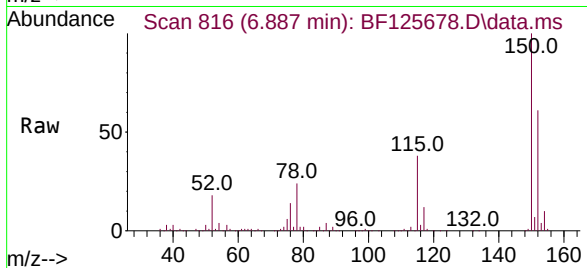




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

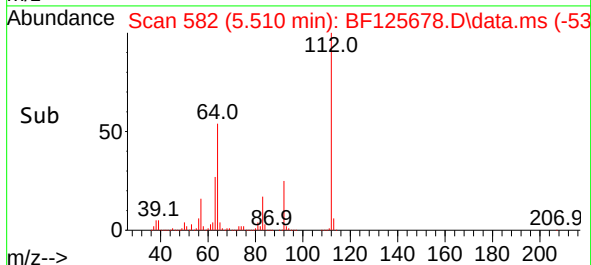
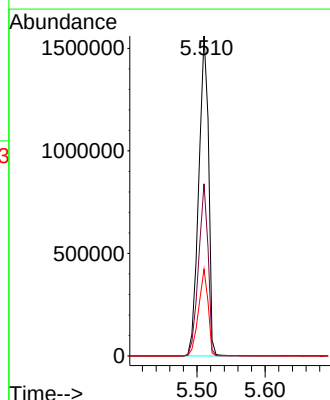
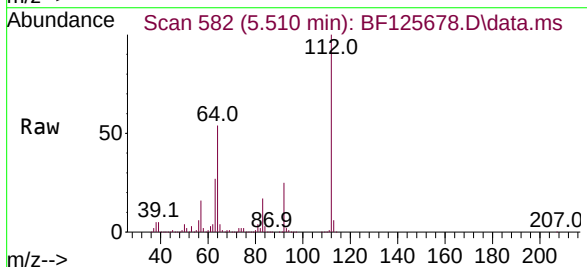
Instrument :
BNA_F
ClientSampleId :

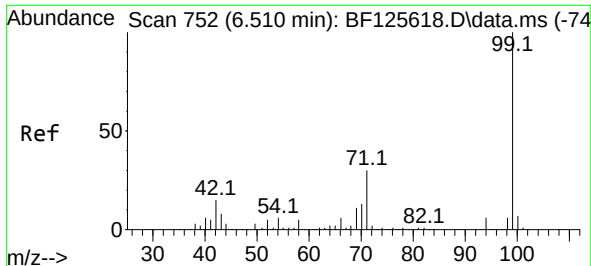
Tgt Ion:152 Resp: 244743
Ion Ratio Lower Upper
152 100
150 163.6 117.6 176.4
115 62.5 47.1 70.7



#5
2-Fluorophenol
Concen: 105.374 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion:112 Resp: 1565312
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 27.1 26.2 39.2

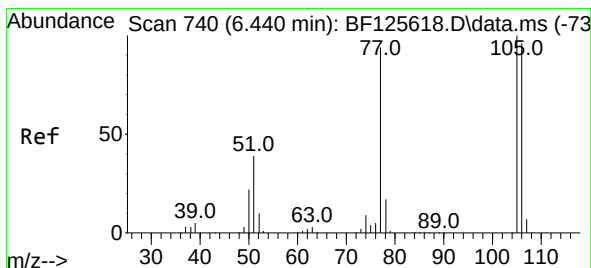
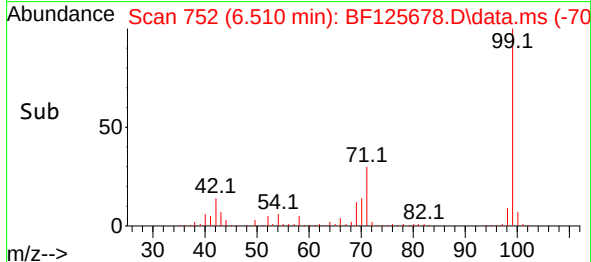
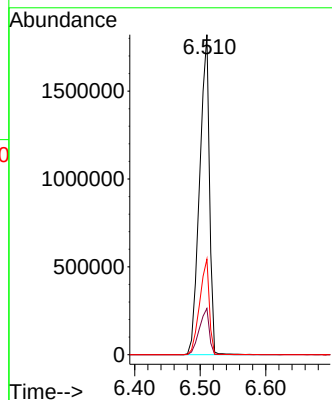
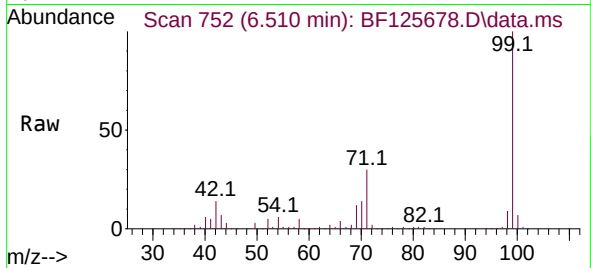




#7
Phenol-d6
Concen: 95.320 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

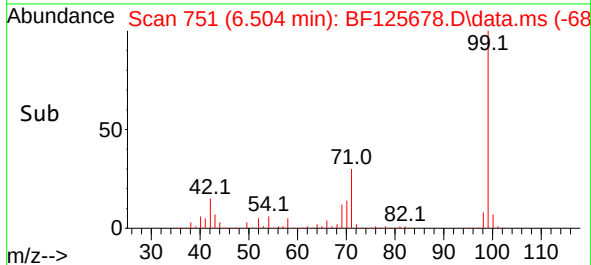
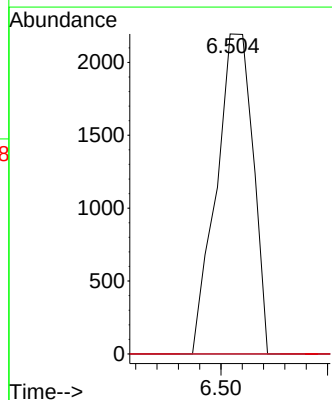
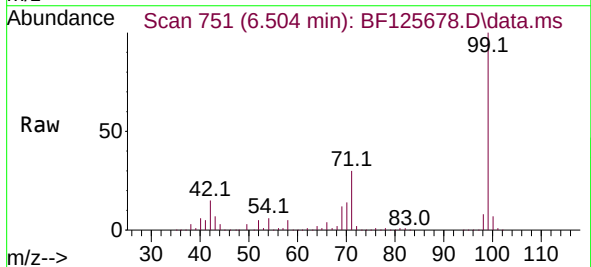
Instrument :
BNA_F
ClientSampleId :

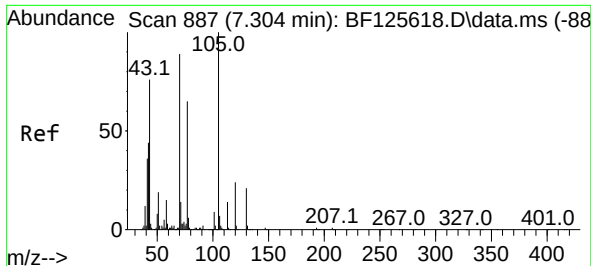
Tgt Ion: 99 Resp: 1903642
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 29.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

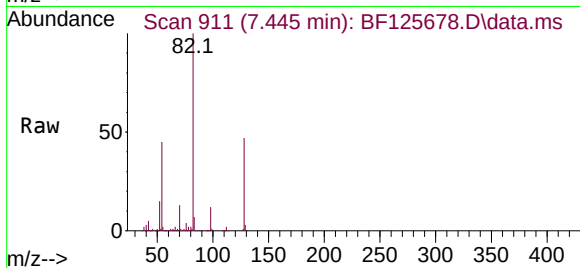
Tgt Ion: 77 Resp: 2629
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



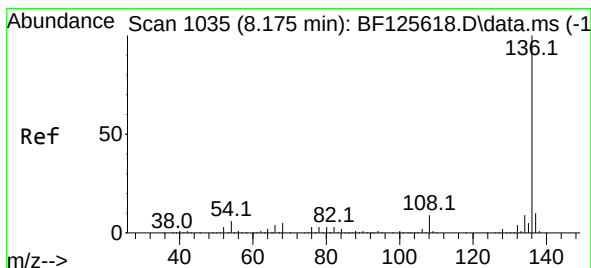
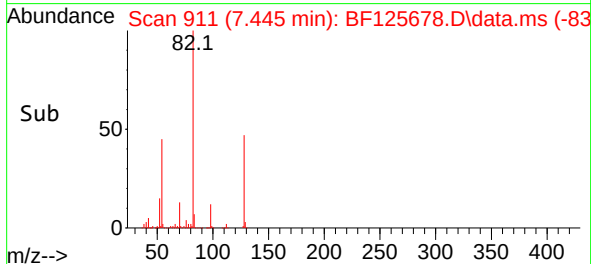
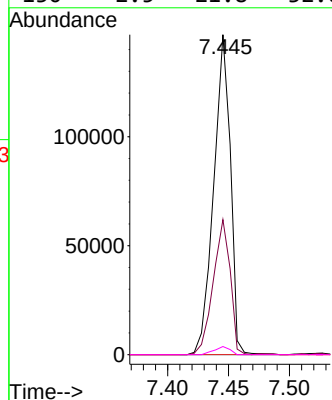


#19
n-Nitroso-di-n-propylamine
Concen: 12.297 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Instrument :
BNA_F
ClientSampleId :

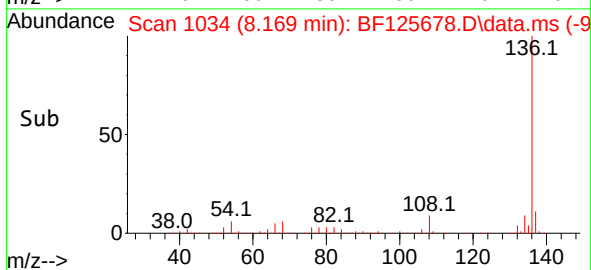
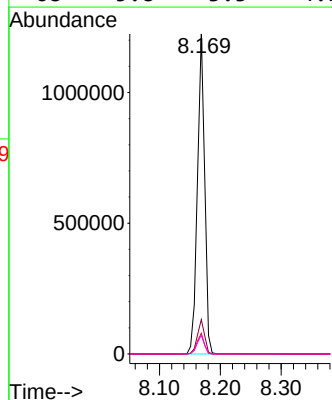
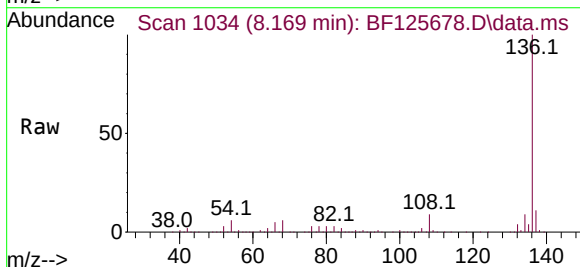


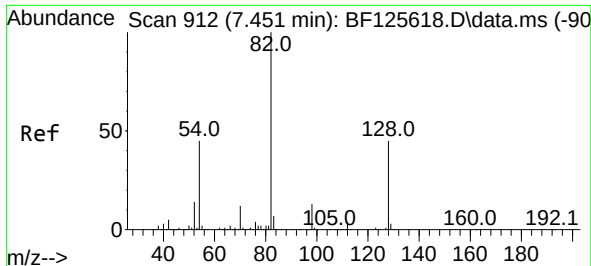
Tgt Ion: 70 Resp: 139831
Ion Ratio Lower Upper
70 100
42 42.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion: 136 Resp: 1017080
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.5 6.4 9.6
68 5.8 3.3 4.9#

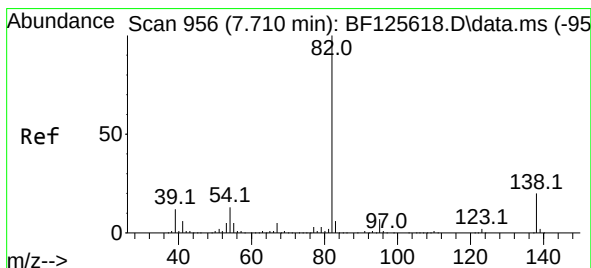
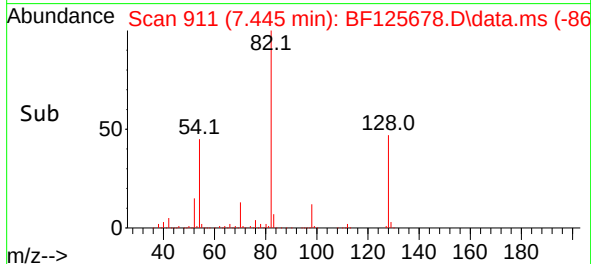
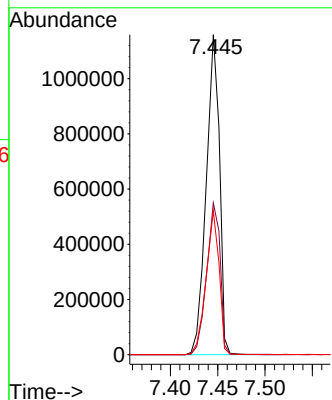
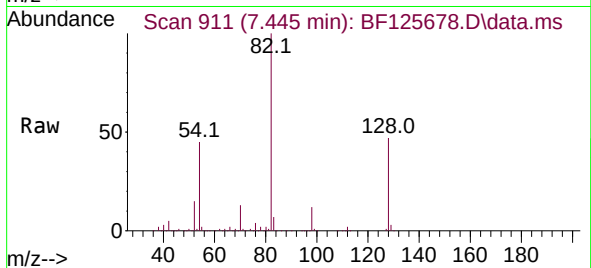




#23
Nitrobenzene-d5
Concen: 77.290 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

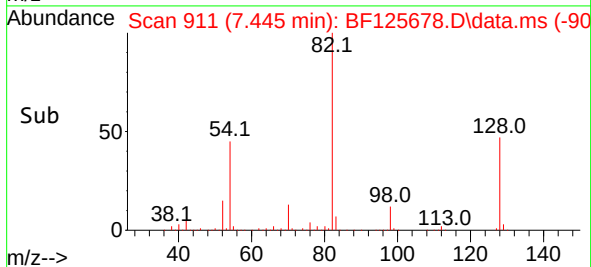
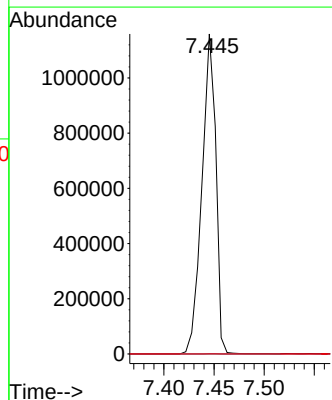
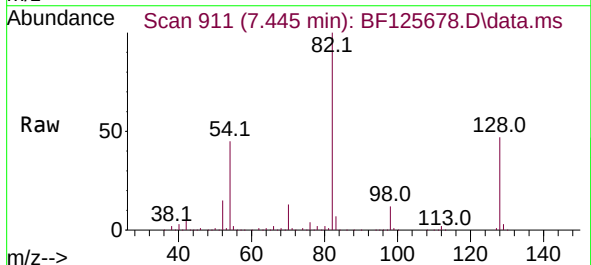
Instrument :
BNA_F
ClientSampleId :

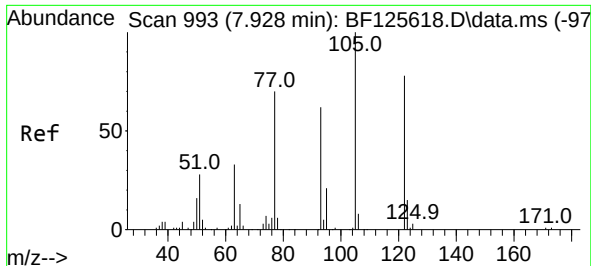
Tgt Ion: 82 Resp: 1127017
Ion Ratio Lower Upper
82 100
128 47.4 40.6 60.8
54 44.9 49.6 74.4#



#25
Isophorone
Concen: 34.511 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion: 82 Resp: 1127006
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

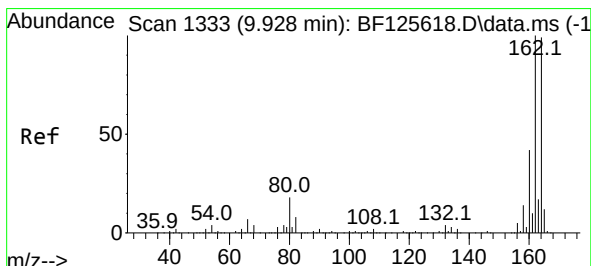
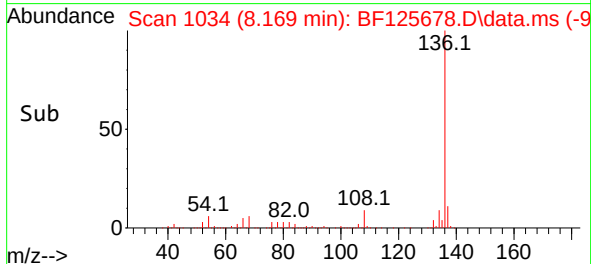
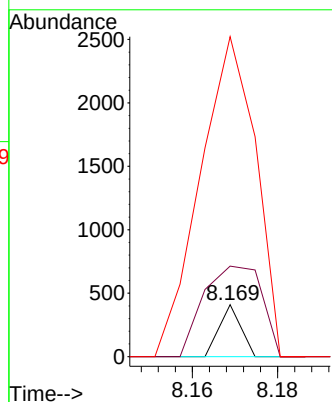
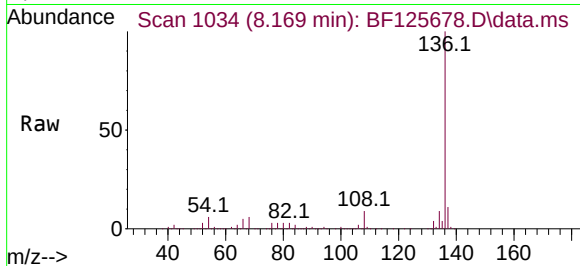




#32
Benzoic acid
Concen: 8.639 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

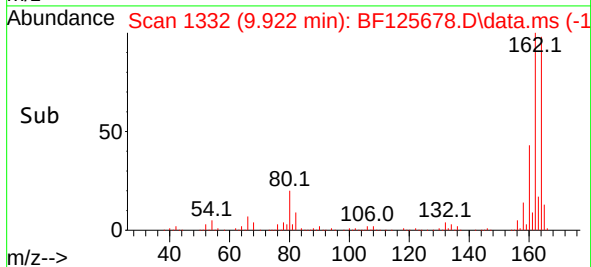
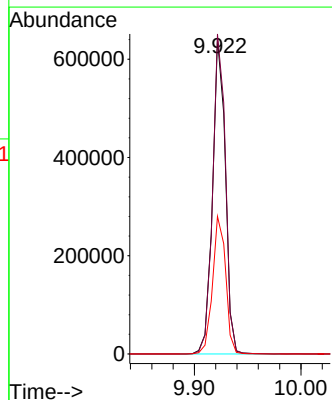
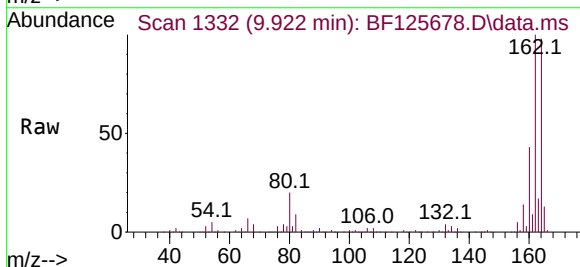
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BNA_F
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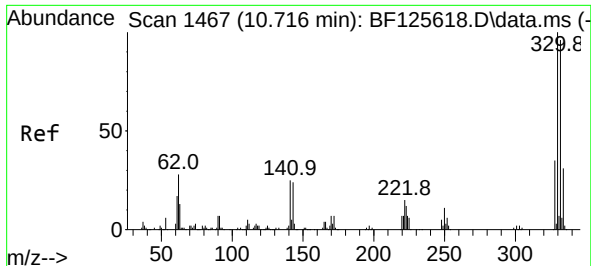
Tgt Ion:122 Resp: 144
Ion Ratio Lower Upper
122 100
105 174.3 97.6 137.6#
77 616.6 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion:164 Resp: 535963
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 43.7 38.0 57.0

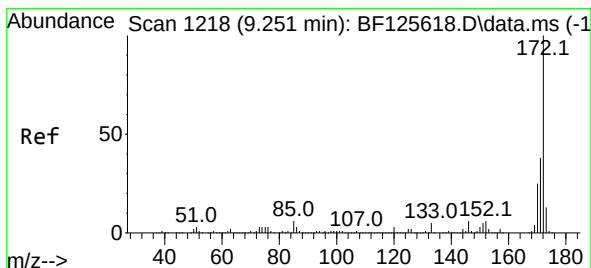
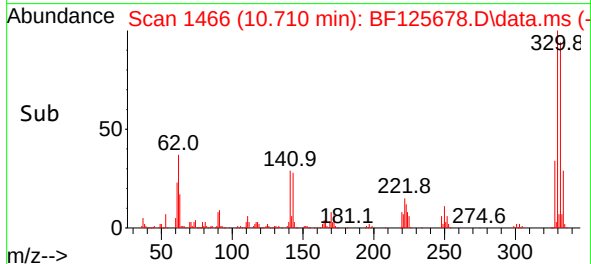
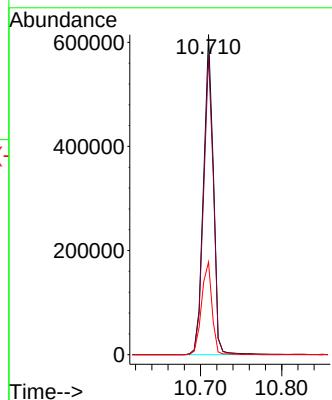
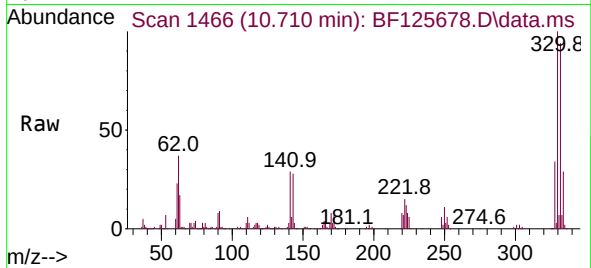




#42
2,4,6-Tribromophenol
Concen: 103.446 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

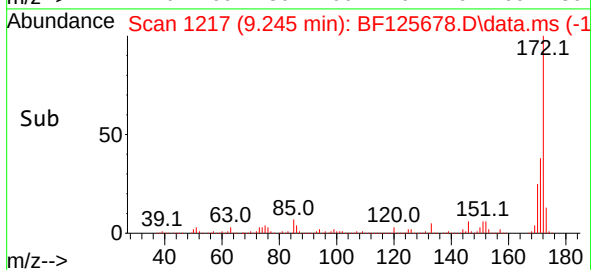
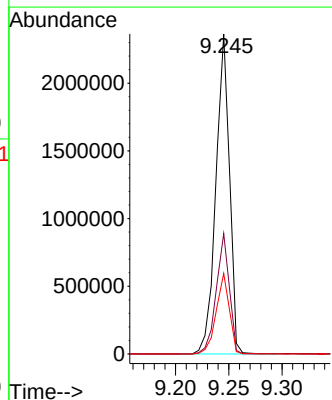
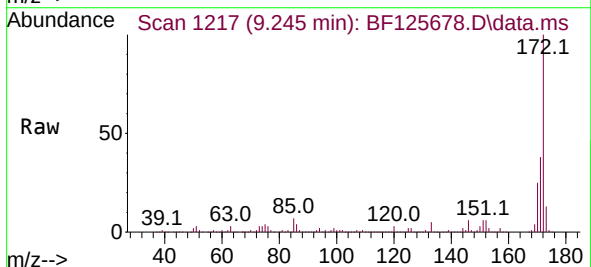
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BNA_F
ClientSampleId :

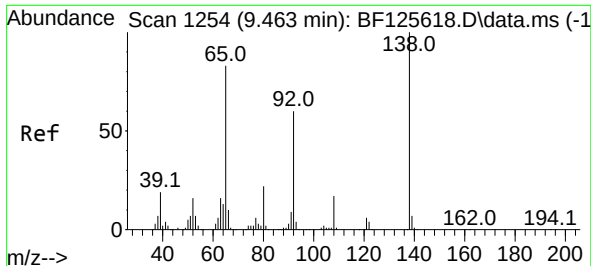
Tgt Ion: 330 Resp: 516938
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 30.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.752 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion: 172 Resp: 2101901
Ion Ratio Lower Upper
172 100
171 37.7 26.5 39.7
170 25.2 18.8 28.2

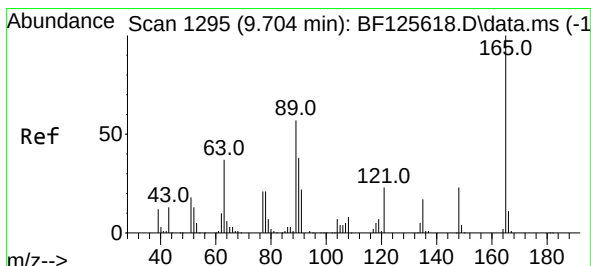
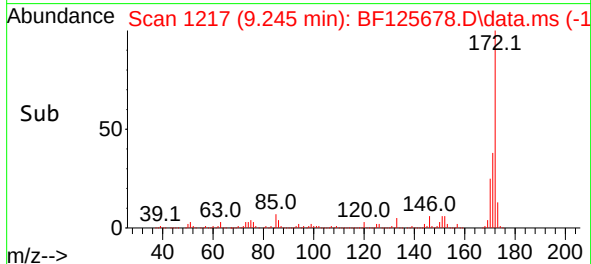
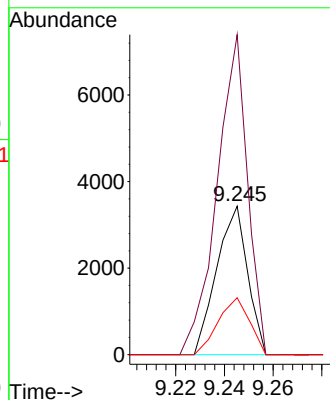
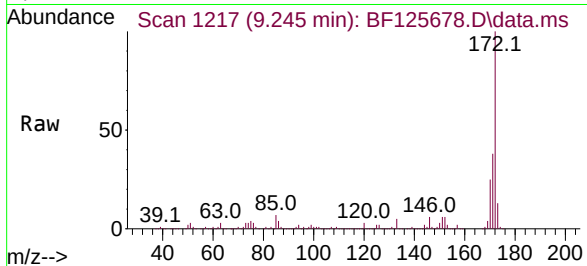




#48
2-Nitroaniline
Concen: 4.515 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

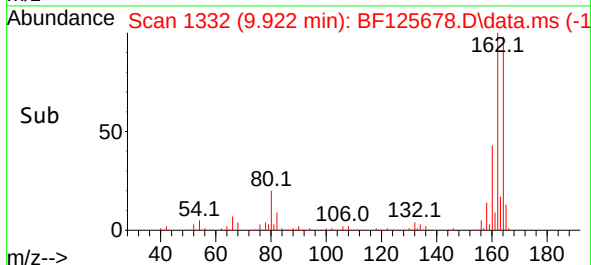
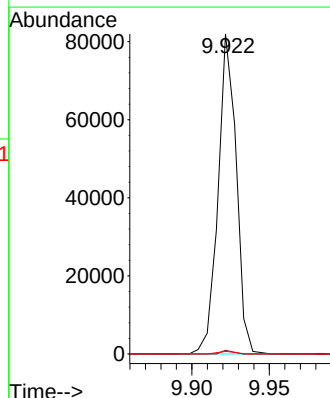
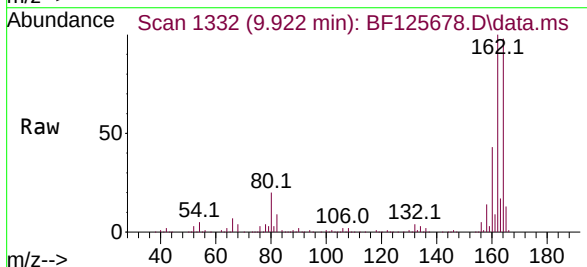
Instrument :
BNA_F
ClientSampleId :

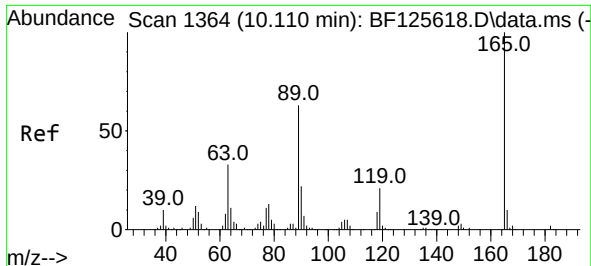
Tgt Ion: 65 Resp: 3022
Ion Ratio Lower Upper
65 100
92 215.4 55.5 83.3#
138 38.3 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.416 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

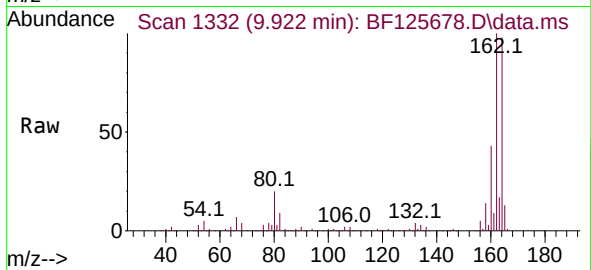
Tgt Ion:165 Resp: 66776
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 0.8 40.6 60.8#



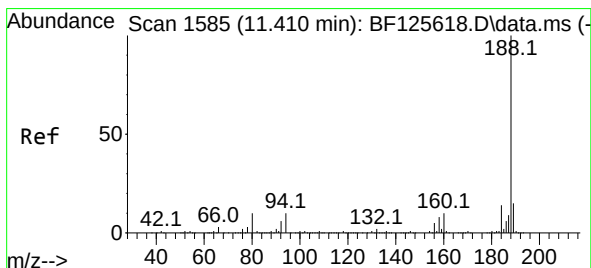
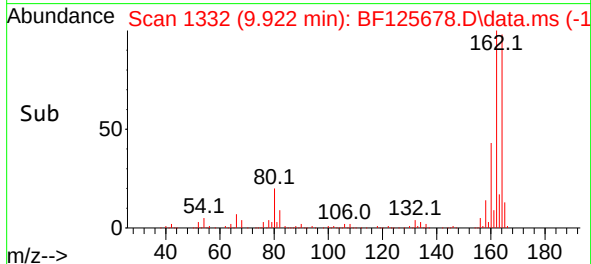
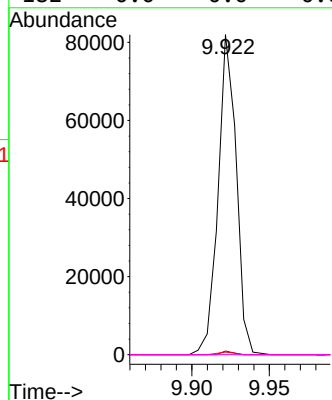


#57
2,4-Dinitrotoluene
Concen: 11.353 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Instrument :
BNA_F
ClientSampleId :

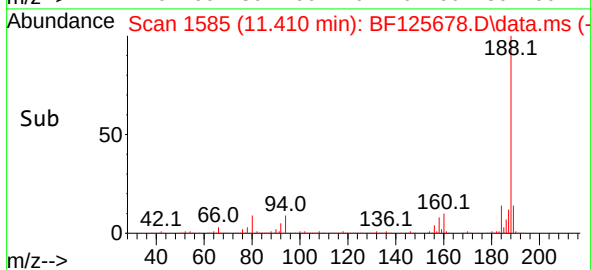
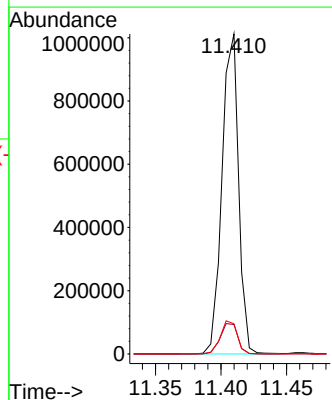
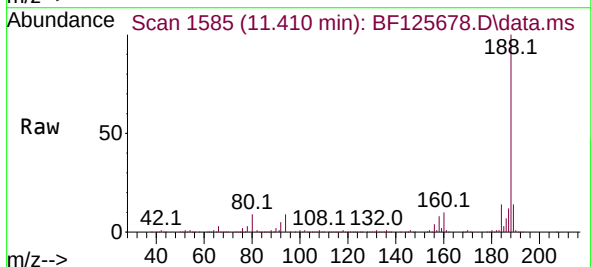


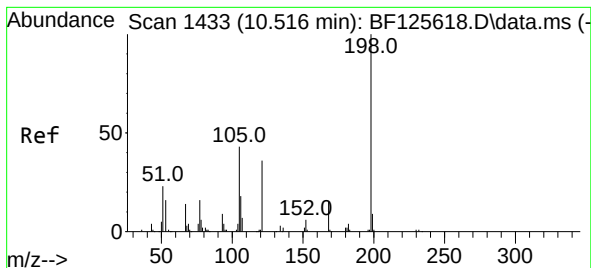
Tgt Ion:165 Resp: 66776
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion:188 Resp: 886330
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.5 7.5 11.3

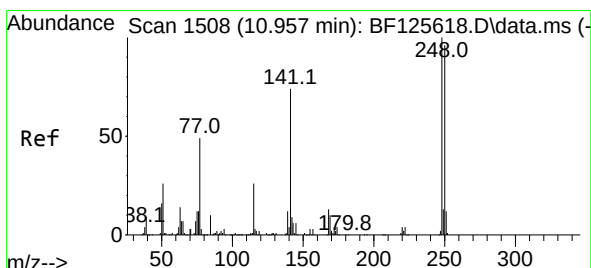
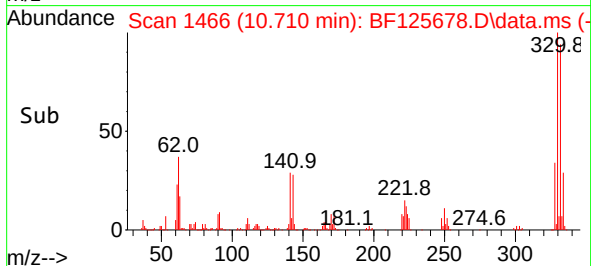
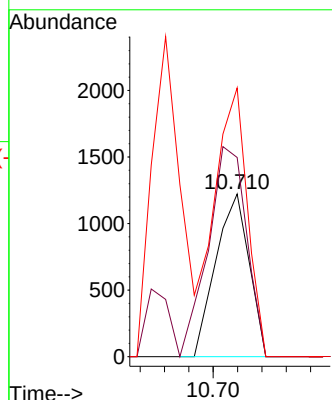
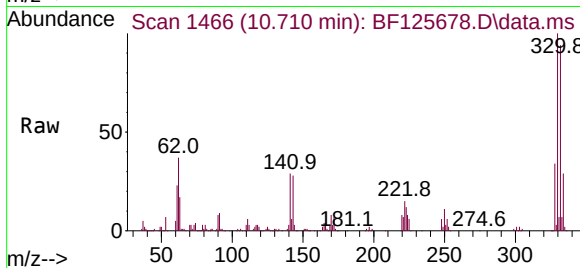




#65
4,6-Dinitro-2-methylphenol
Concen: 9.231 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

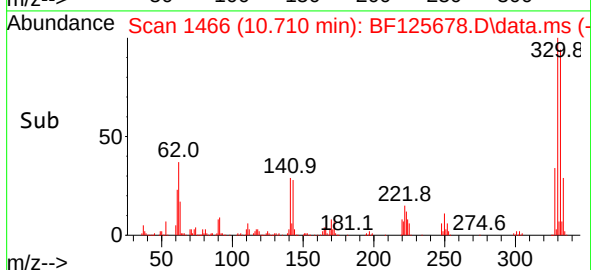
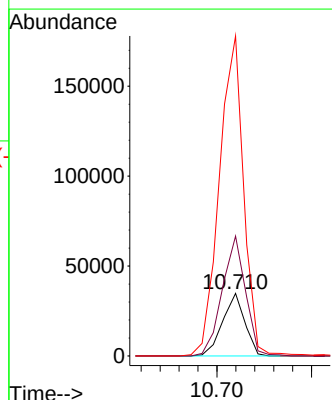
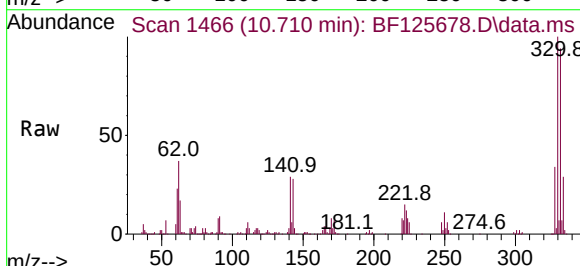
Instrument :
BNA_F
ClientSampleId :

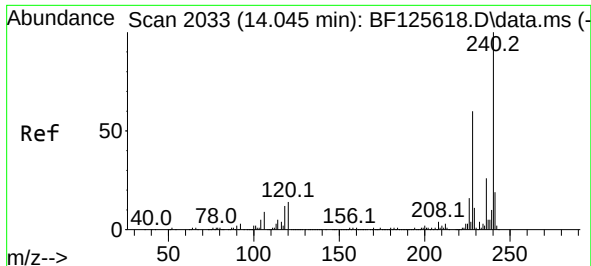
Tgt Ion:198 Resp: 1156
Ion Ratio Lower Upper
198 100
51 122.3 45.3 85.3#
105 165.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.052 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion:248 Resp: 28387
Ion Ratio Lower Upper
248 100
250 191.7 74.2 111.4#
141 512.0 60.4 90.6#

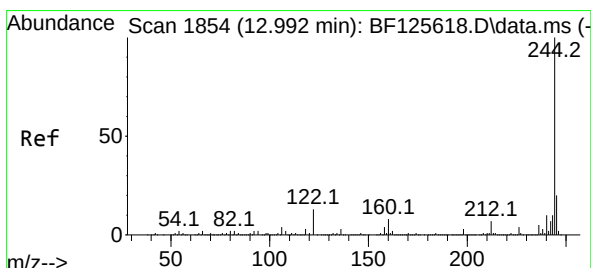
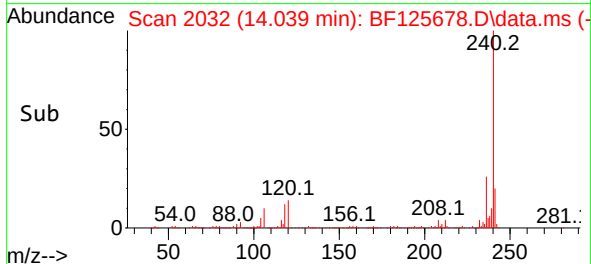
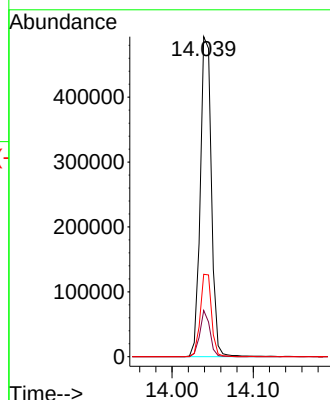
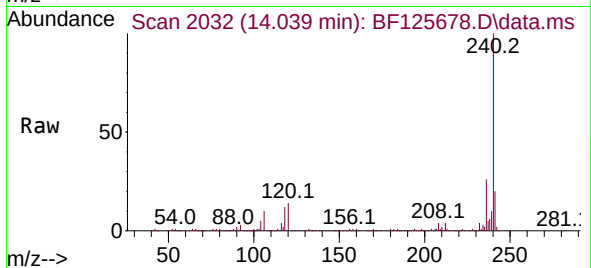




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

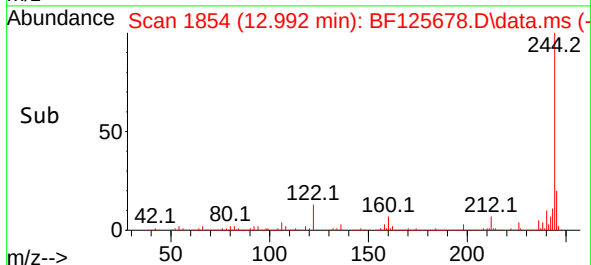
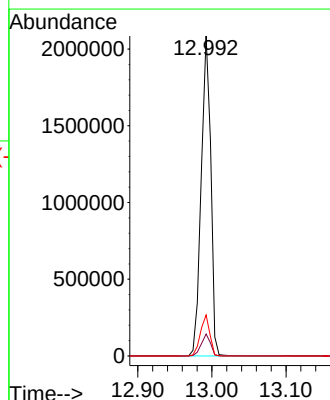
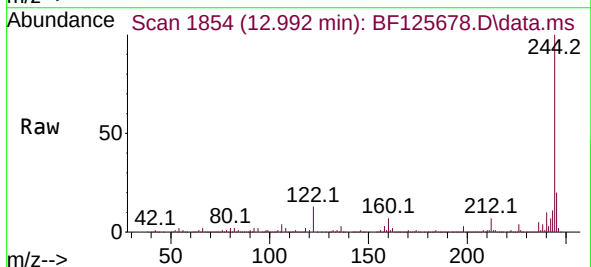
Instrument :
BNA_F
ClientSampleId :

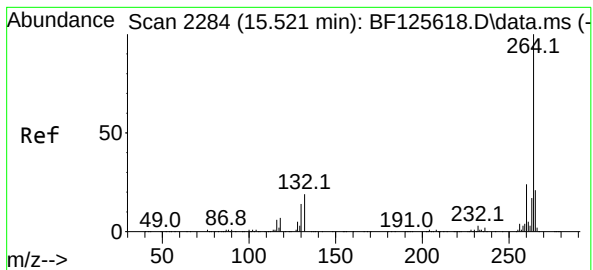
Tgt Ion:240 Resp: 471090
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 68.580 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125678.D
Acq: 27 Sep 2021 18:30

Tgt Ion:244 Resp: 1865567
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.8 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: BF125678.D
Acq: 27 Sep 2021 18:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264	Resp:	435041
Ion	Ratio	Lower Upper
264	100	
260	24.7	19.6 29.4
265	21.1	17.2 25.8

