

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125645.D
 Acq On : 25 Sep 2021 4:01
 Operator : JU/CG
 Sample : M3875-15DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 04:34:48 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

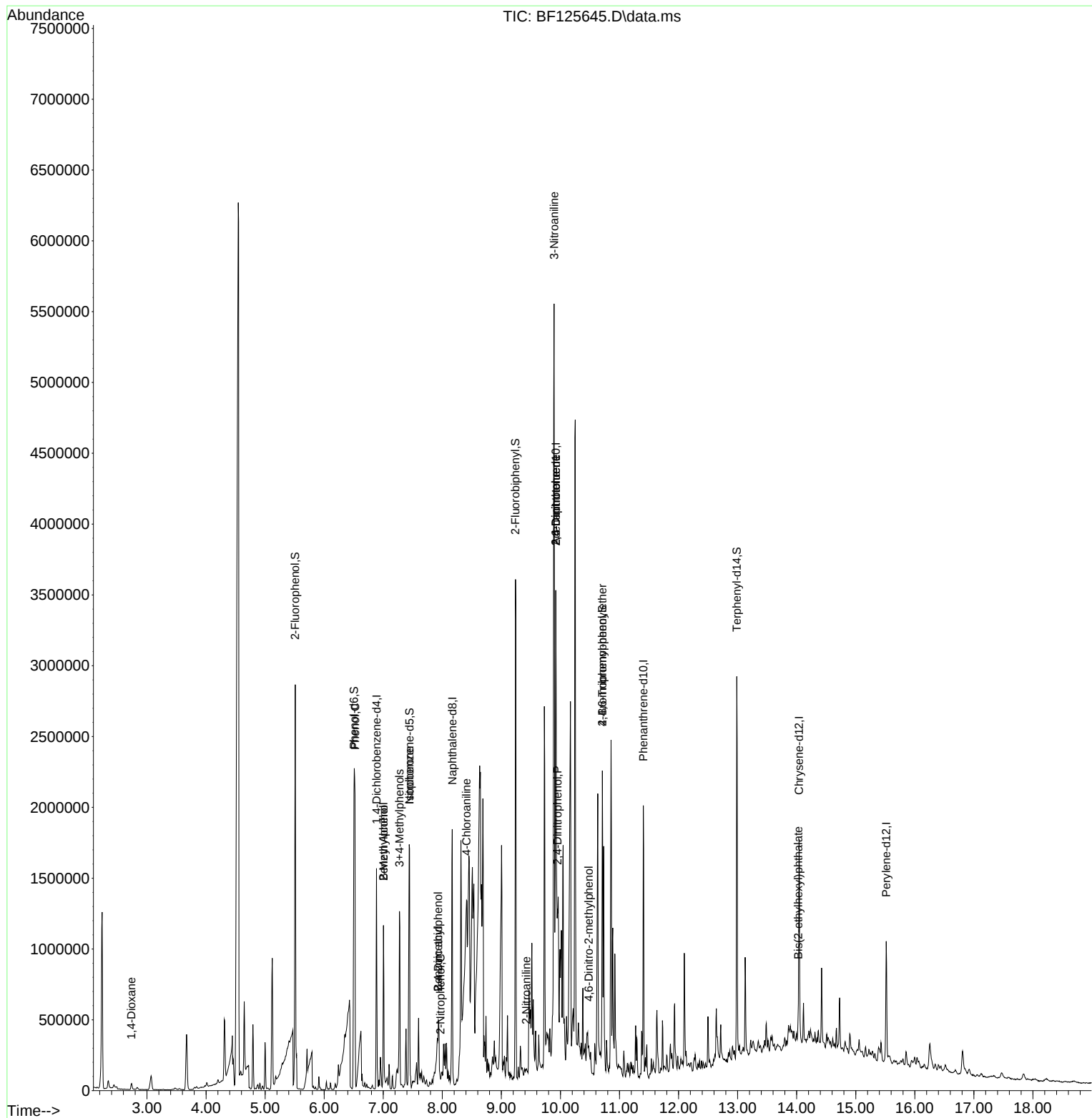
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	217916	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	887807	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	418425	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	685480	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	433025	20.000	ng	0.00
86) Perylene-d12	15.515	264	278892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	769004	58.141	ng	0.00
7) Phenol-d6	6.504	99	820928	46.166	ng	0.00
23) Nitrobenzene-d5	7.445	82	593354	46.617	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	264906	67.903	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1189690	44.754	ng	-0.01
79) Terphenyl-d14	12.986	244	887827	35.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	27157	4.824	ng	# 100
9) Benzaldehyde	6.434	77	1052	Below Cal		98
10) Phenol	6.522	94	560188	31.165	ng	88
15) Benzyl Alcohol	7.004	79	53400	4.329	ng	# 57
17) 2-Methylphenol	7.004	107	30791	2.503	ng	# 1
20) 3+4-Methylphenols	7.275	107	342252	22.127	ng	# 69
25) Isophorone	7.445	82	591324	20.744	ng	# 59
26) 2-Nitrophenol	7.969	139	581	5.809	ng	# 60
27) 2,4-Dimethylphenol	7.928	122	133233	10.509	ng	# 8
32) Benzoic acid	7.928	122	133233	20.391	ng	98
33) 4-Chloroaniline	8.410	127	120021	6.277	ng	# 56
48) 2-Nitroaniline	9.422	65	824	4.282	ng	# 32
51) 2,6-Dinitrotoluene	9.922	165	52847	12.530	ng	# 28
53) 3-Nitroaniline	9.892	138	24164	6.589	ng	# 14
54) 2,4-Dinitrophenol	9.951	184	4158	6.769	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	52847	11.443	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.480	198	753	9.196	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	14957	2.079	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.027	149	35676	2.405	ng	# 96

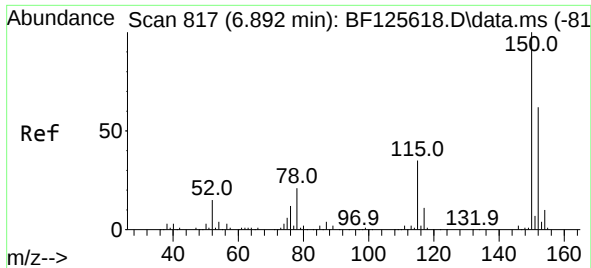
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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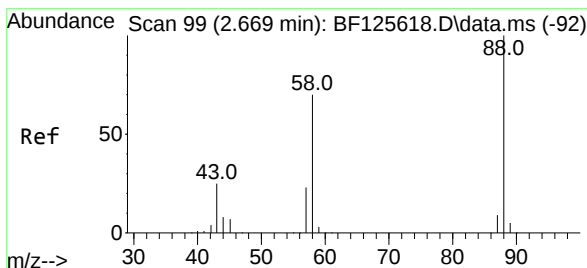
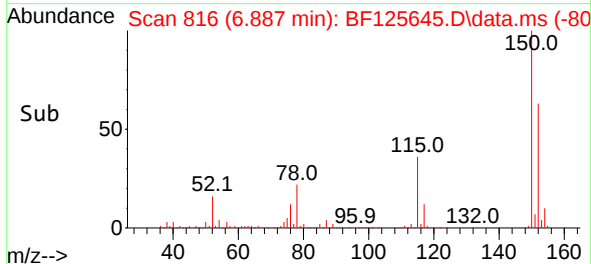
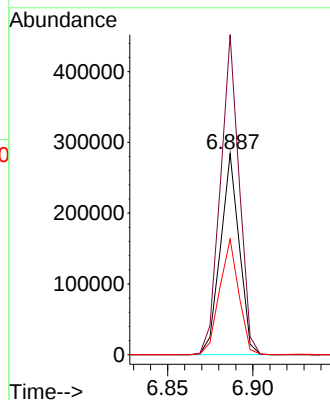
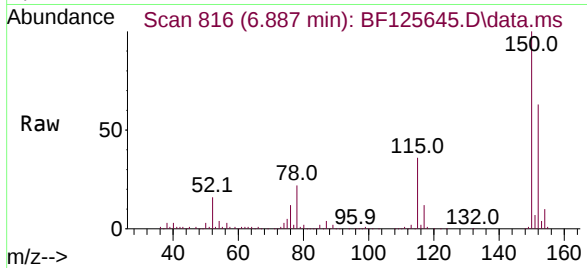




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.005 min
 Lab File: BF125645.D
 Acq: 25 Sep 2021 4:01

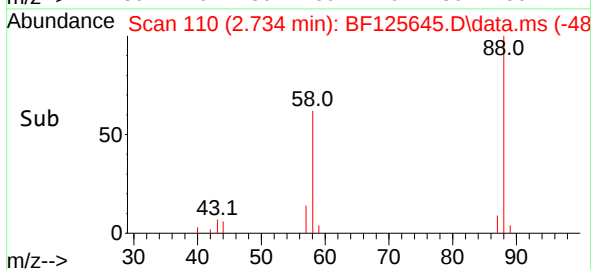
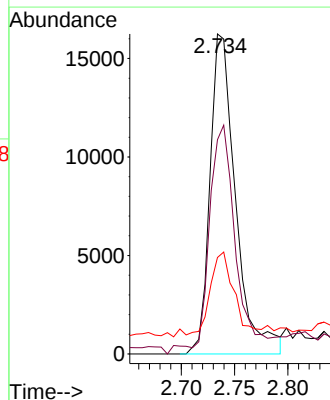
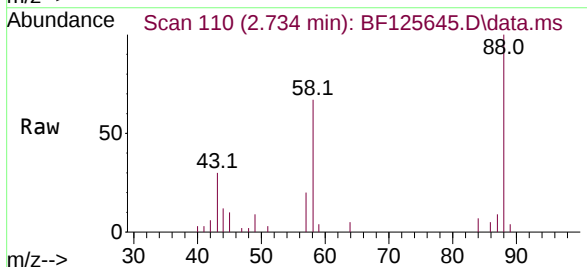
Instrument :
 BNA_F
 ClientSampled :

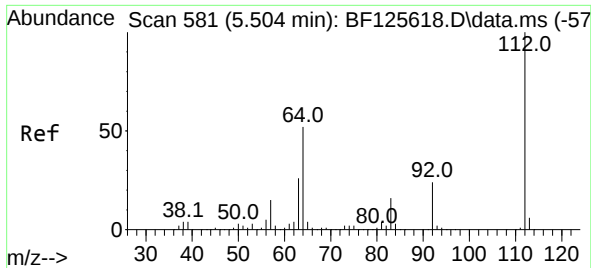
Tgt Ion:152 Resp: 217916
 Ion Ratio Lower Upper
 152 100
 150 159.1 117.6 176.4
 115 57.4 47.1 70.7



#2
 1,4-Dioxane
 Concen: 4.824 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.065 min
 Lab File: BF125645.D
 Acq: 25 Sep 2021 4:01

Tgt Ion: 88 Resp: 27157
 Ion Ratio Lower Upper
 88 100
 58 74.9 0.0 0.0#
 43 23.6 0.0 0.0#

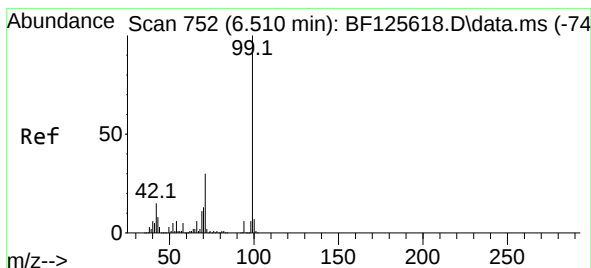
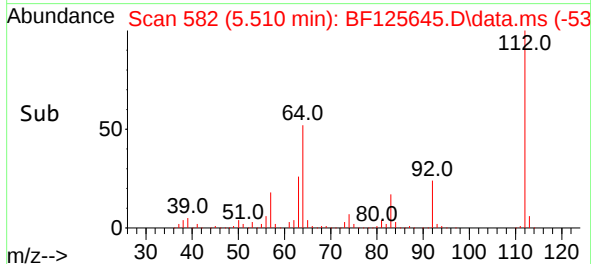
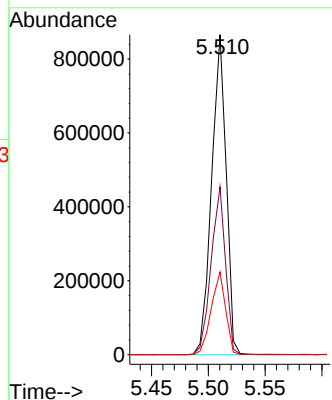
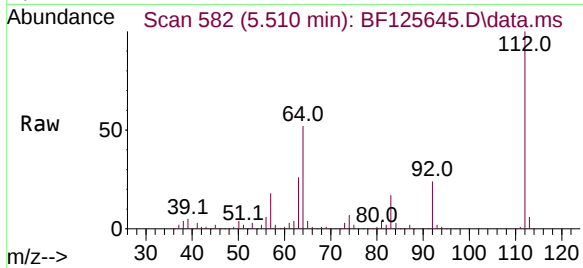




#5
2-Fluorophenol
Concen: 58.141 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

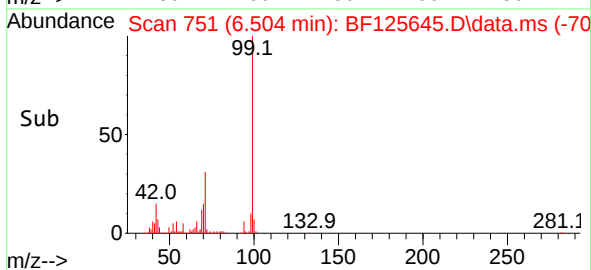
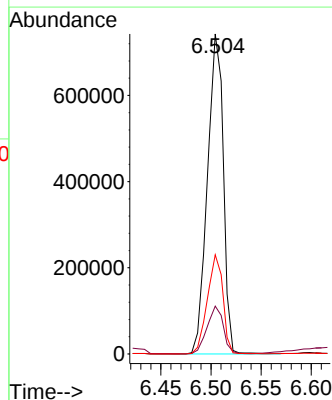
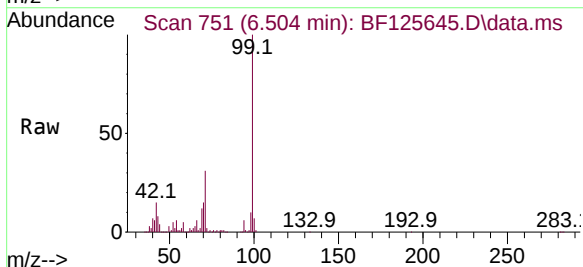
Instrument :
BNA_F
ClientSampleId :

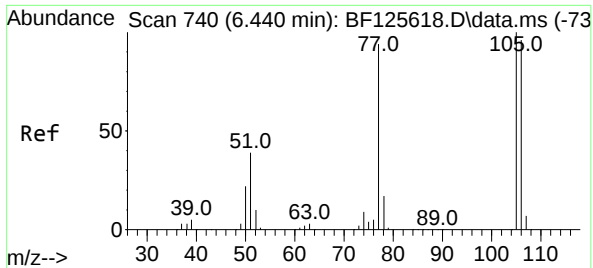
Tgt Ion:112 Resp: 769004
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 25.8 26.2 39.2#



#7
Phenol-d6
Concen: 46.166 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion: 99 Resp: 820928
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 31.0 25.6 38.4

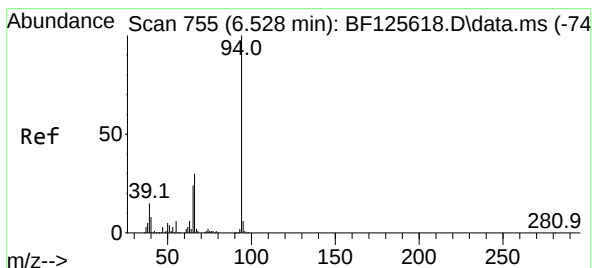
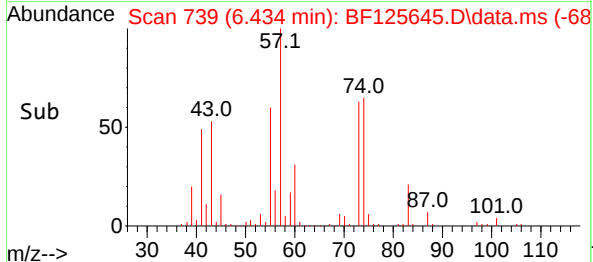
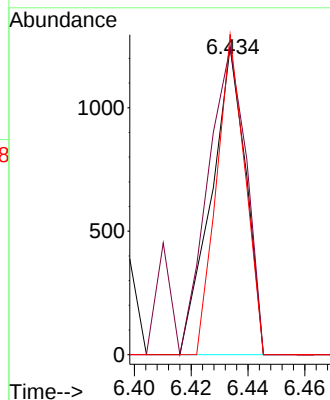
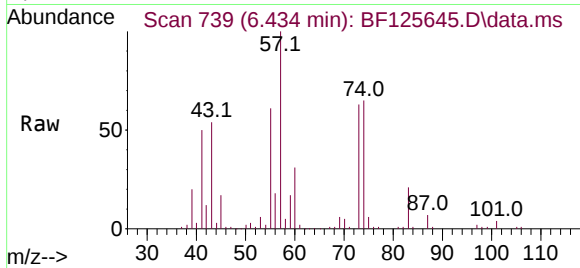




#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

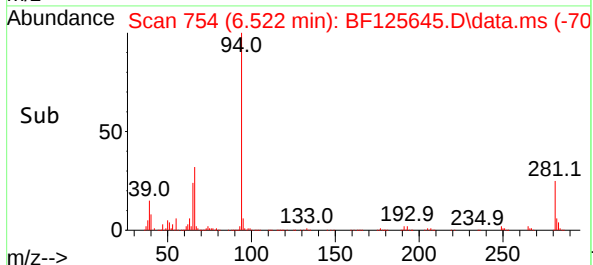
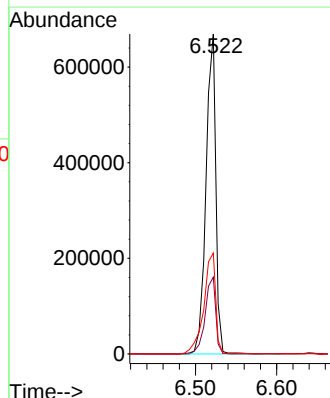
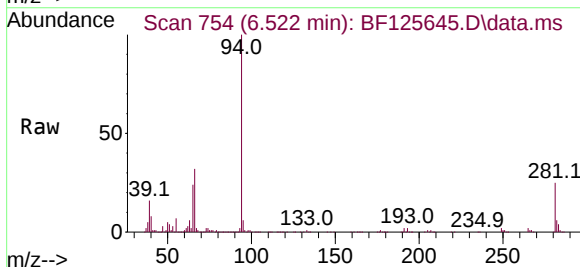
Instrument :
BNA_F
ClientSampleId :

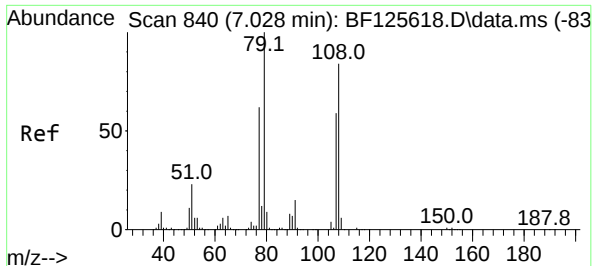
Tgt Ion:	77	Resp:	1052
Ion	Ratio	Lower	Upper
77	100		
105	100.0	75.9	115.9
106	104.1	84.0	124.0



#10
Phenol
Concen: 31.165 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:	94	Resp:	560188
Ion	Ratio	Lower	Upper
94	100		
65	24.0	9.3	49.3
66	31.5	20.3	60.3





#15

Benzyl Alcohol

Concen: 4.329 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.024 min

Lab File: BF125645.D

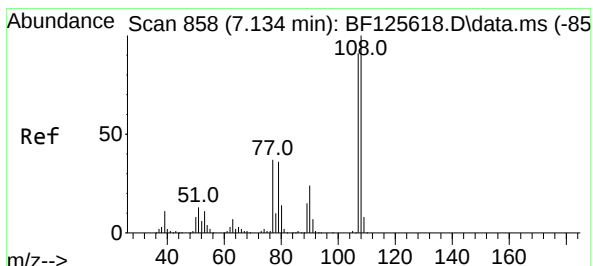
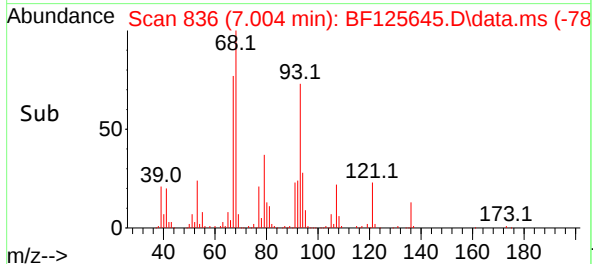
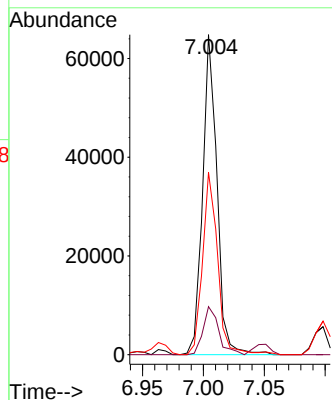
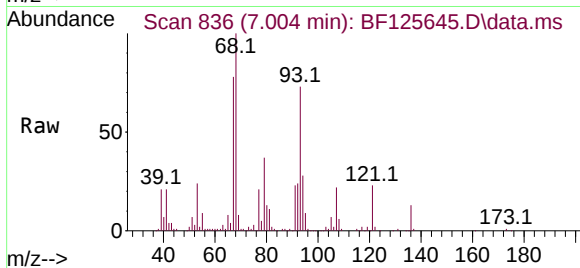
Acq: 25 Sep 2021 4:01

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 79 Resp: 53400
 Ion Ratio Lower Upper
 79 100
 108 15.0 60.4 90.6#
 77 56.9 51.5 77.3



#17

2-Methylphenol

Concen: 2.503 ng

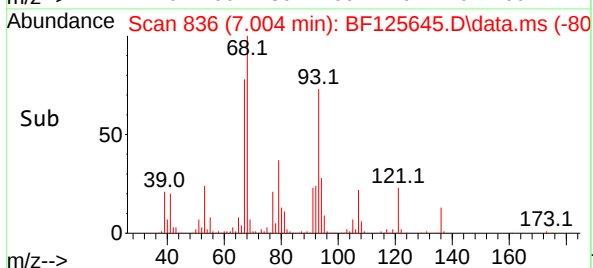
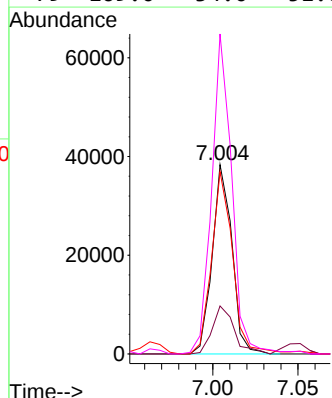
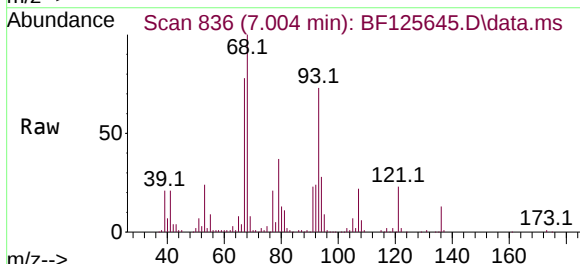
RT: 7.004 min Scan# 836

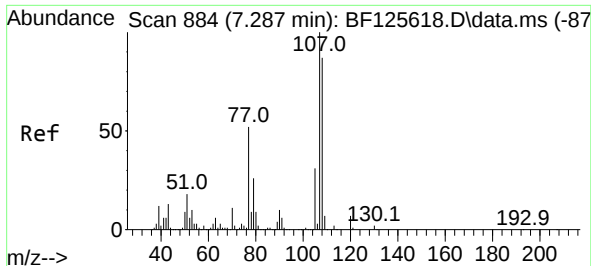
Delta R.T. -0.130 min

Lab File: BF125645.D

Acq: 25 Sep 2021 4:01

Tgt Ion: 107 Resp: 30791
 Ion Ratio Lower Upper
 107 100
 108 25.3 90.6 135.8#
 77 96.3 35.7 53.5#
 79 169.0 34.0 51.0#

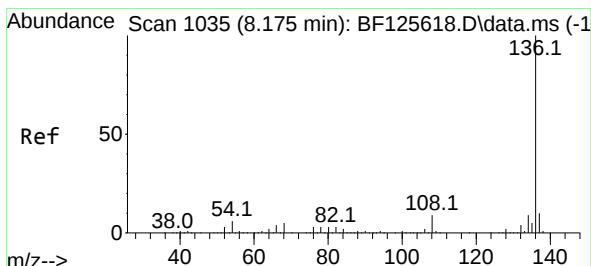
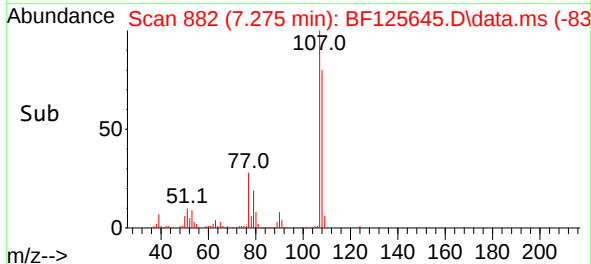
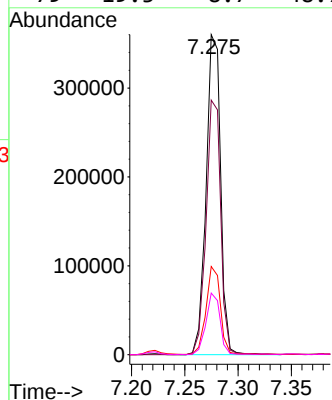
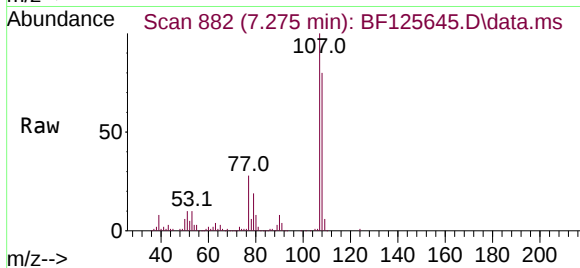




#20
3+4-Methylphenols
Concen: 22.127 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

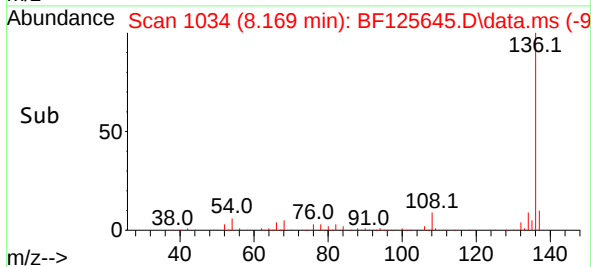
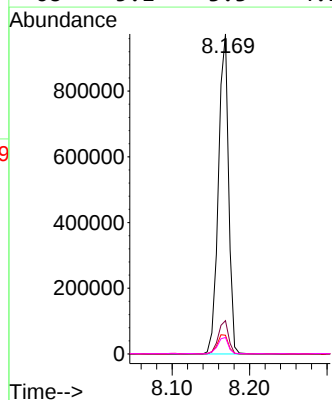
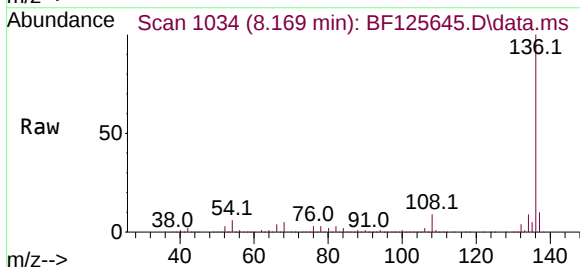
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BNA_F
ClientSampleId :

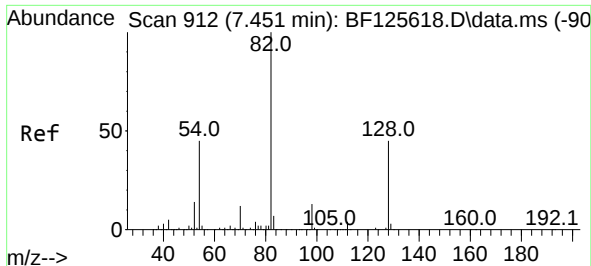
Tgt Ion:107 Resp: 342252
Ion Ratio Lower Upper
107 100
108 79.6 76.6 116.6
77 27.6 53.3 93.3#
79 19.3 8.7 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:136 Resp: 887807
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.9 6.4 9.6#
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 46.617 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125645.D

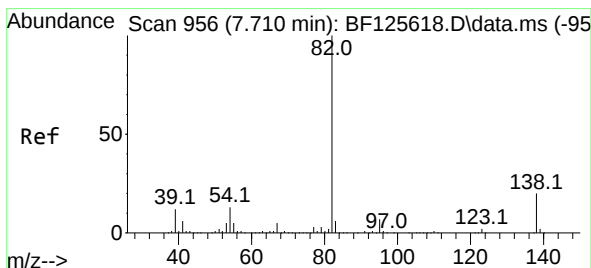
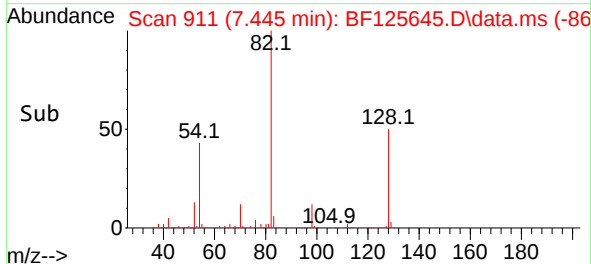
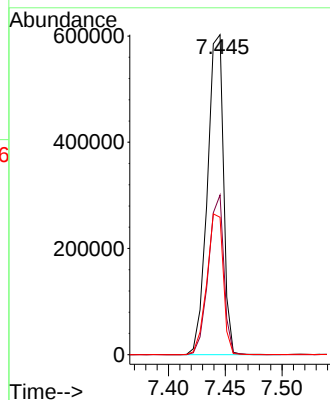
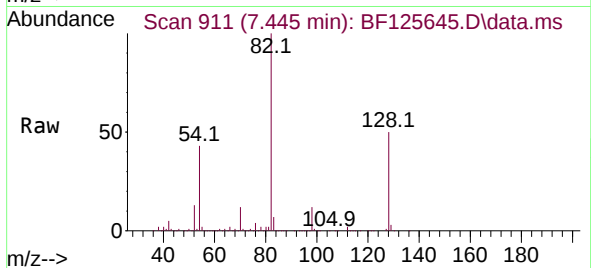
Acq: 25 Sep 2021 4:01

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 593354
 Ion Ratio Lower Upper
 82 100
 128 49.9 40.6 60.8
 54 43.0 49.6 74.4#



#25

Isophorone

Concen: 20.744 ng

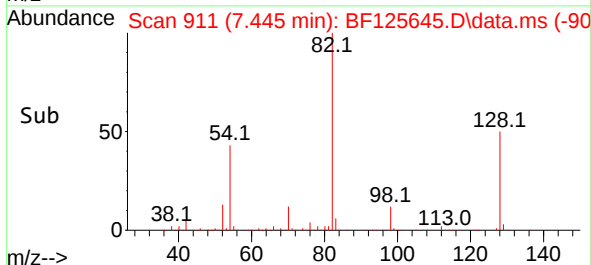
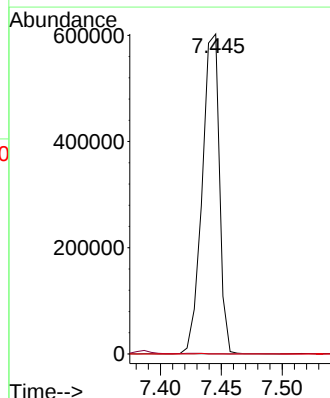
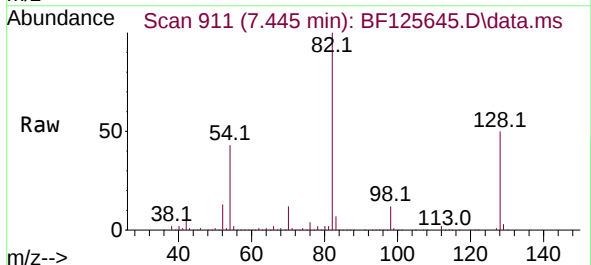
RT: 7.445 min Scan# 911

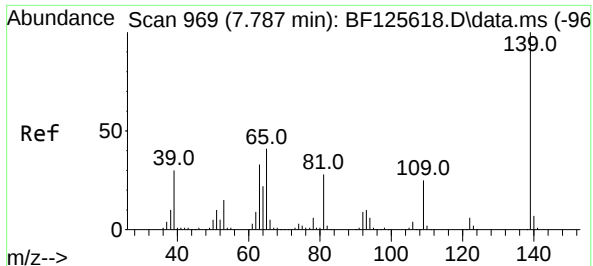
Delta R.T. -0.265 min

Lab File: BF125645.D

Acq: 25 Sep 2021 4:01

Tgt Ion: 82 Resp: 591324
 Ion Ratio Lower Upper
 82 100
 95 0.1 6.5 9.7#
 138 0.0 18.4 27.6#

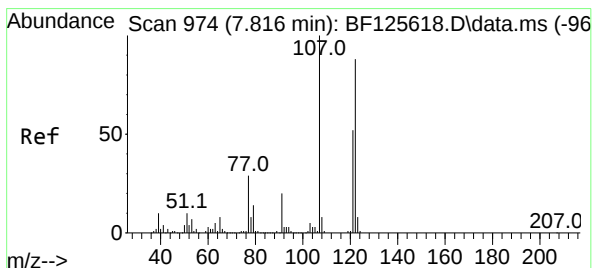
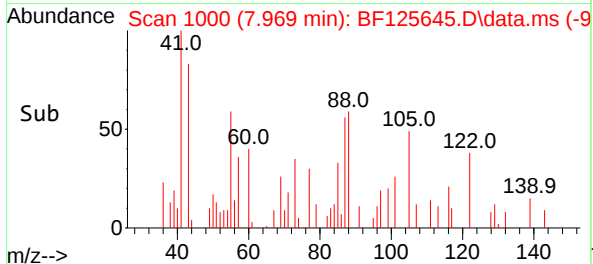
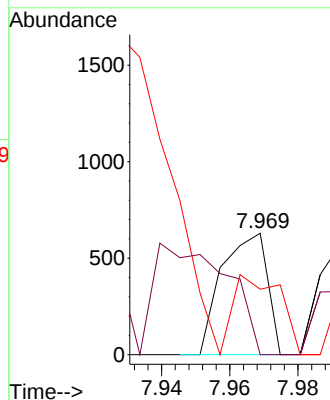
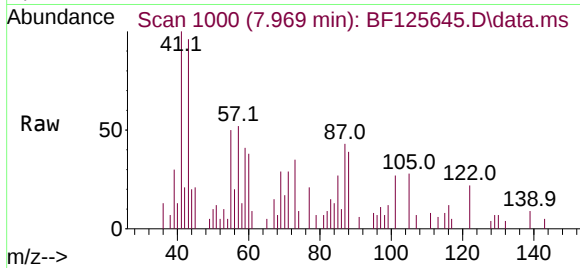




#26
2-Nitrophenol
Concen: 5.809 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.182 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

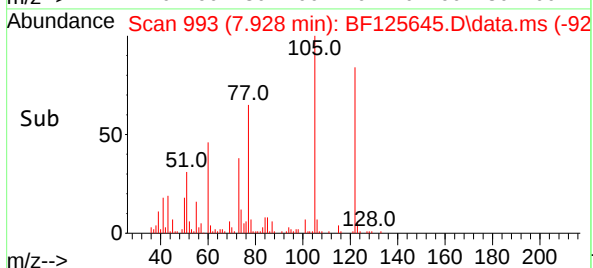
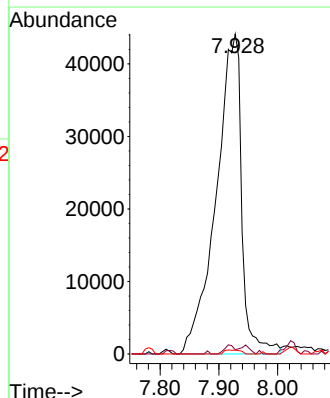
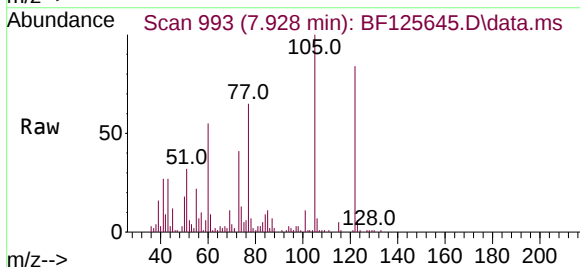
Instrument :
BNA_F
ClientSampleId :

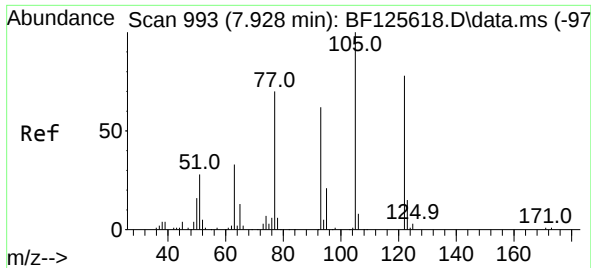
Tgt Ion:139 Resp: 581
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 53.9 31.0 46.4#



#27
2,4-Dimethylphenol
Concen: 10.509 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.112 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:122 Resp: 133233
Ion Ratio Lower Upper
122 100
107 1.3 85.0 127.6#
121 1.2 43.3 64.9#

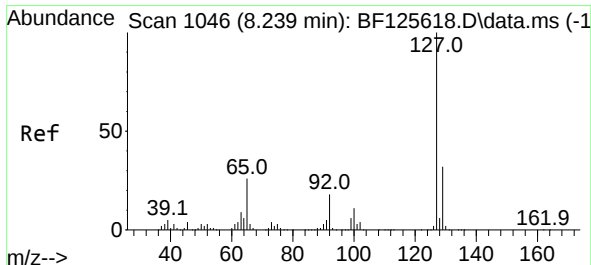
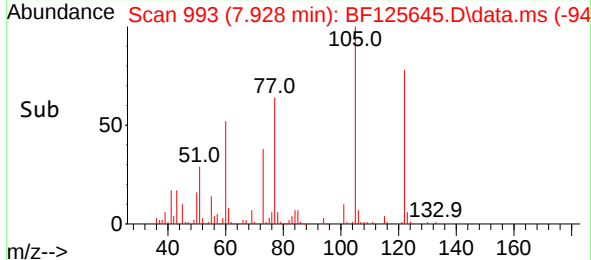
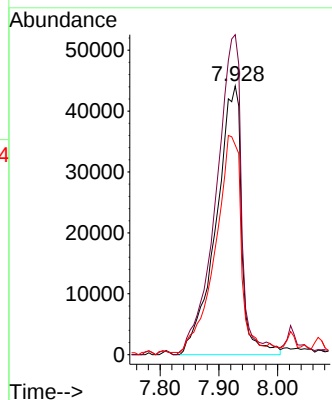
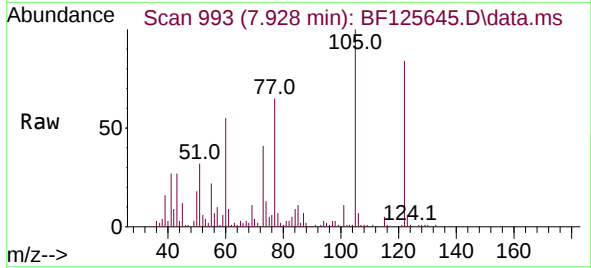




#32
Benzoic acid
Concen: 20.391 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

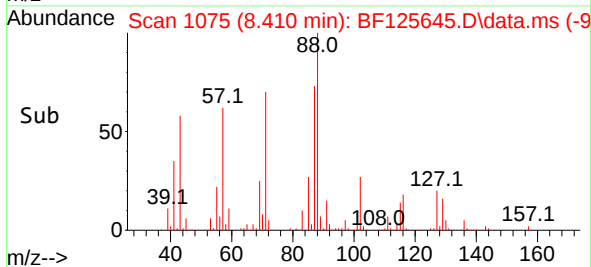
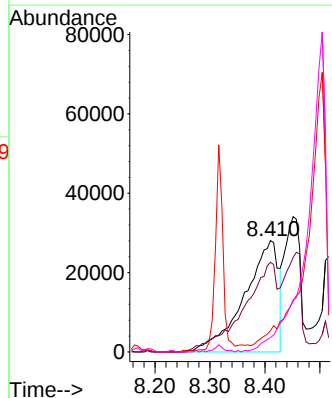
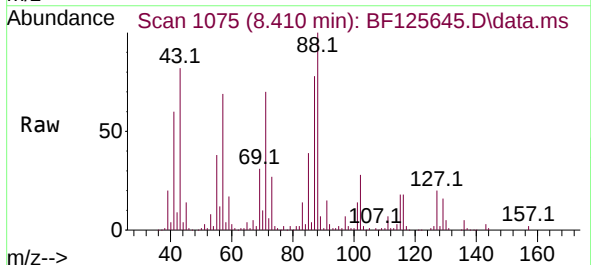
Instrument :
BNA_F
ClientSampleId :

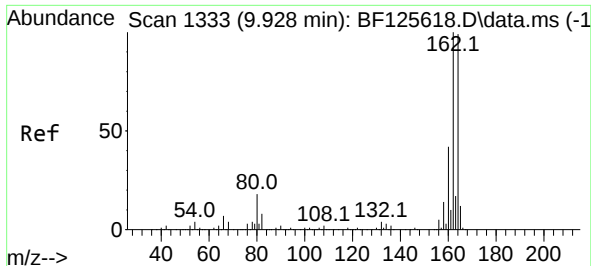
Tgt Ion:122 Resp: 133233
Ion Ratio Lower Upper
122 100
105 119.1 97.6 137.6
77 78.0 59.6 99.6



#33
4-Chloroaniline
Concen: 6.277 ng
RT: 8.410 min Scan# 1075
Delta R.T. 0.171 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:127 Resp: 120021
Ion Ratio Lower Upper
127 100
129 80.4 25.7 38.5#
65 19.1 21.2 31.8#
92 13.0 14.0 21.0#

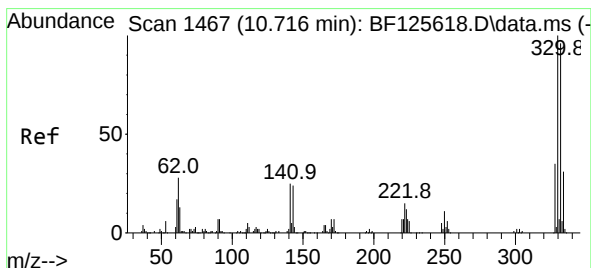
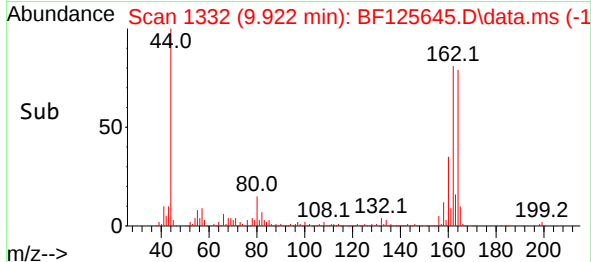
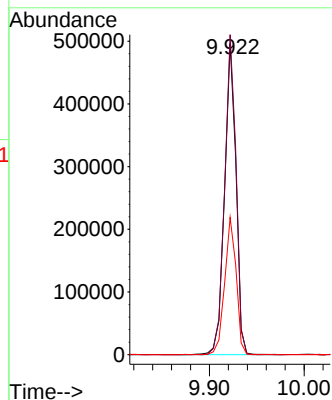
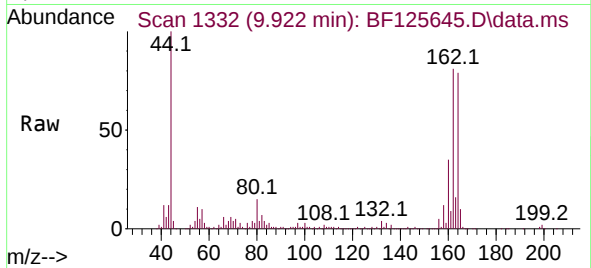




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

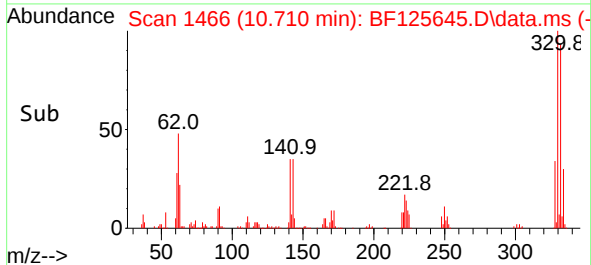
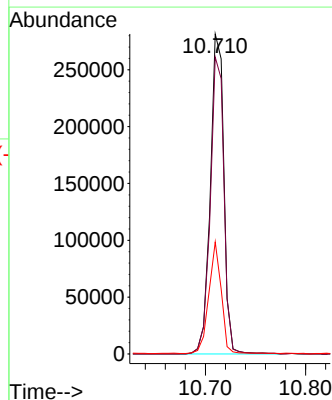
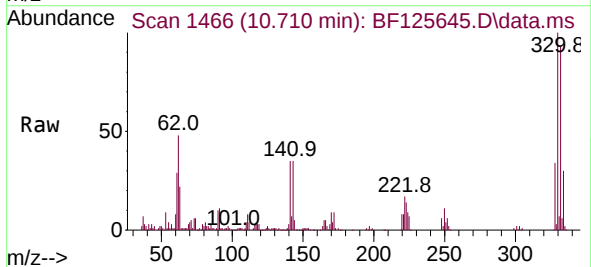
Instrument :
BNA_F
ClientSampleId :

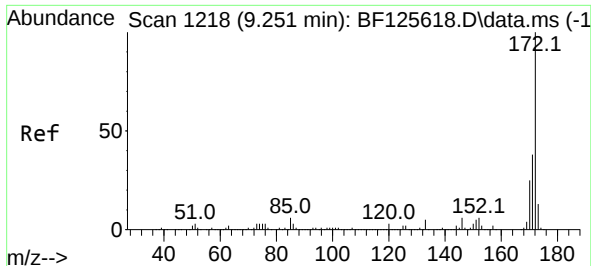
Tgt Ion:164 Resp: 418425
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 67.903 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:330 Resp: 264906
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 32.0 44.6 66.8#

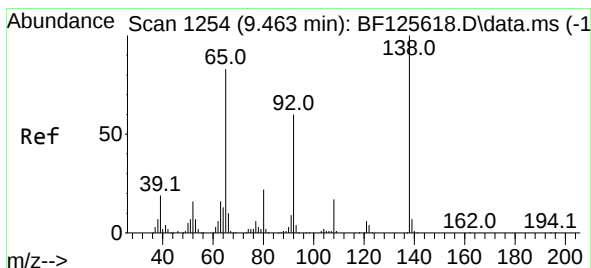
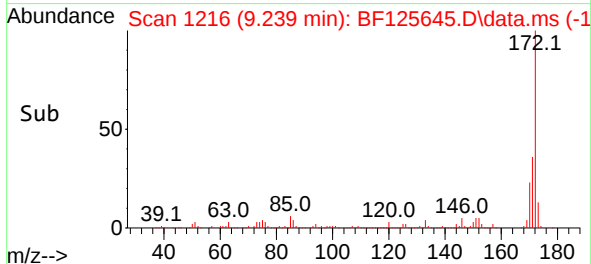
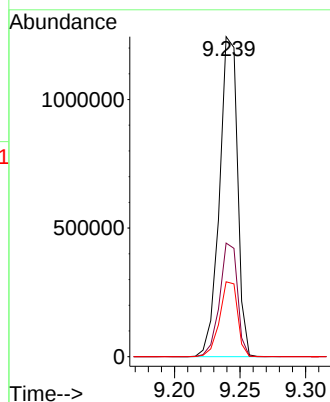
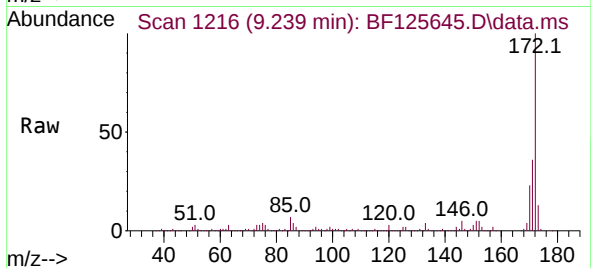




#45
2-Fluorobiphenyl
Concen: 44.754 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

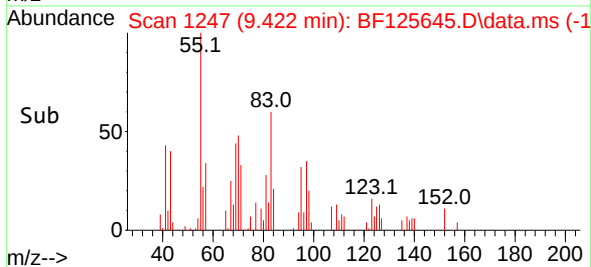
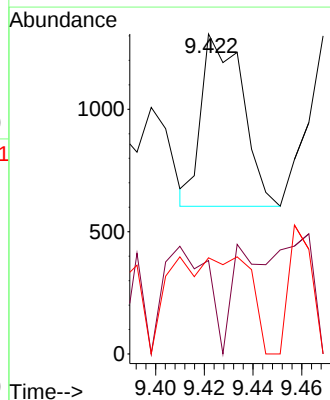
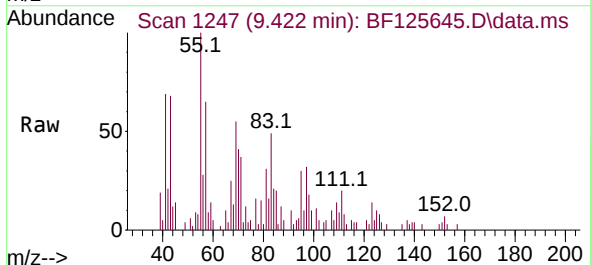
Instrument :
BNA_F
ClientSampled :

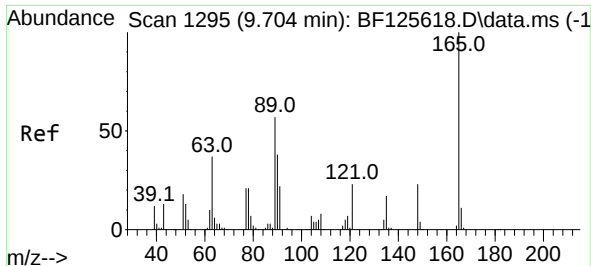
Tgt Ion:172 Resp: 1189690
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.4 18.8 28.2



#48
2-Nitroaniline
Concen: 4.282 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.041 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion: 65 Resp: 824
Ion Ratio Lower Upper
65 100
92 29.2 55.5 83.3#
138 30.0 93.5 140.3#

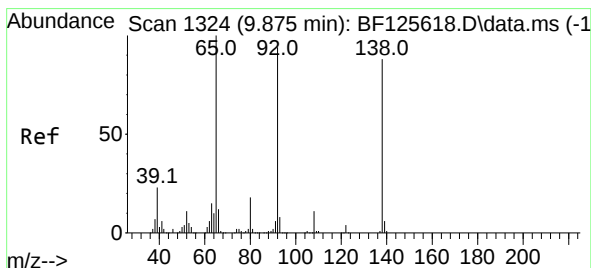
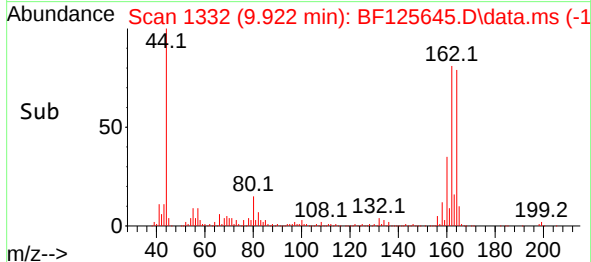
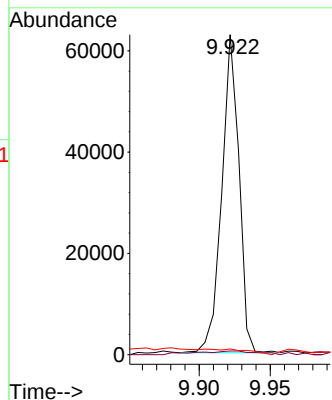
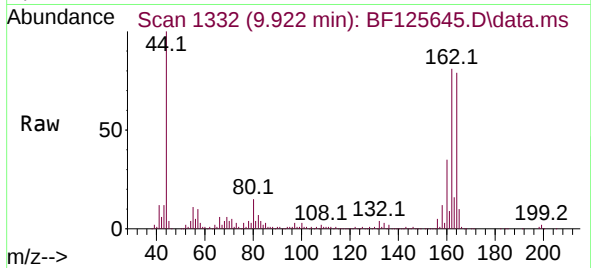




#51
2,6-Dinitrotoluene
Concen: 12.530 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

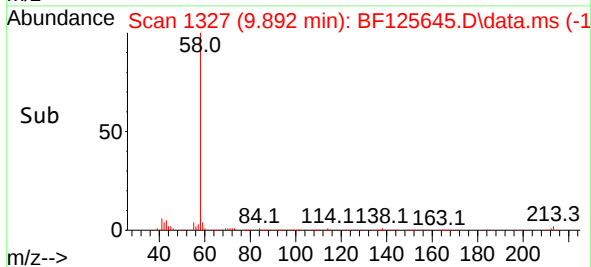
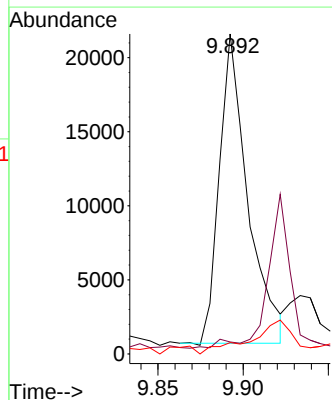
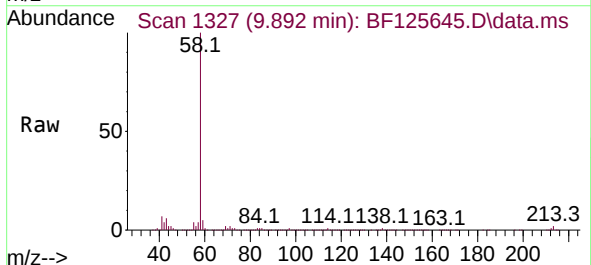
Instrument :
BNA_F
ClientSampled :

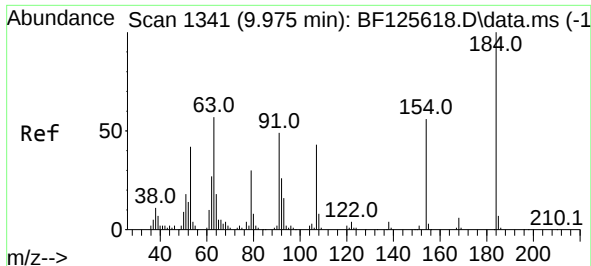
Tgt Ion:165 Resp: 52847
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.8 40.6 60.8#



#53
3-Nitroaniline
Concen: 6.589 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.017 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:138 Resp: 24164
Ion Ratio Lower Upper
138 100
108 3.7 9.3 13.9#
92 3.6 76.5 114.7#

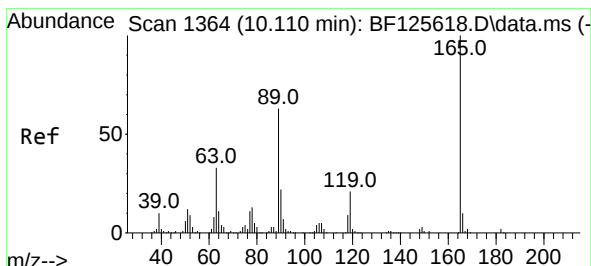
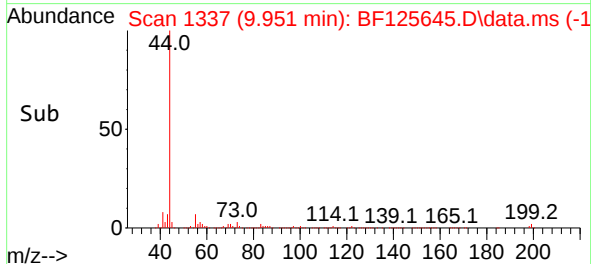
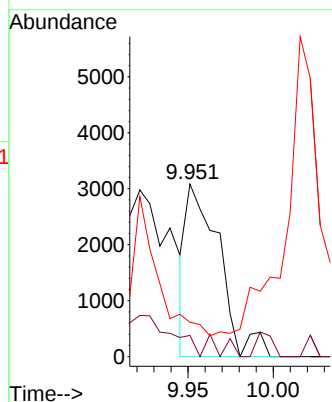
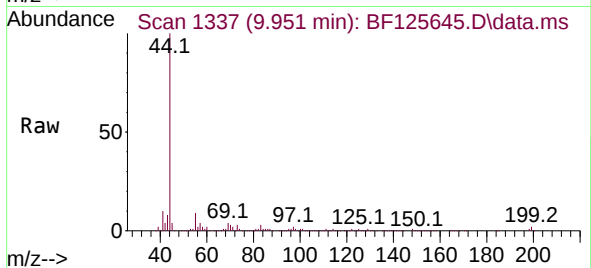




#54
2,4-Dinitrophenol
Concen: 6.769 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.024 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

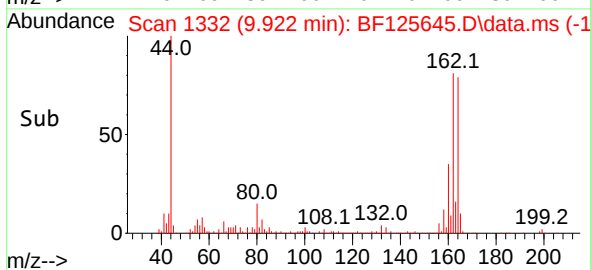
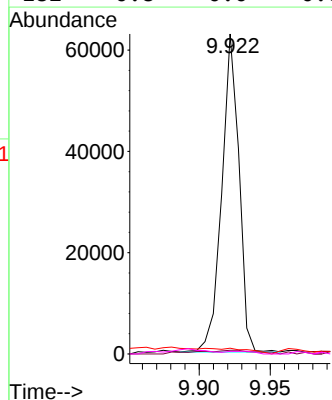
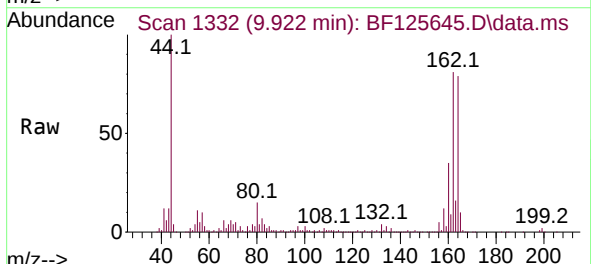
Instrument :
BNA_F
ClientSampled :

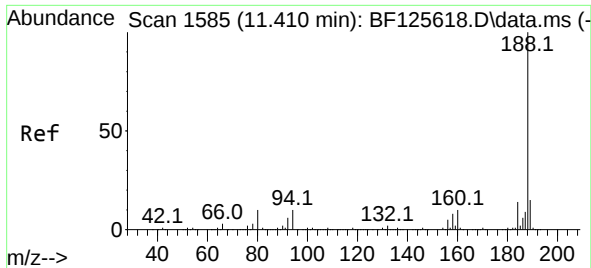
Tgt Ion:184 Resp: 4158
Ion Ratio Lower Upper
184 100
63 12.3 59.3 88.9#
154 19.9 68.6 102.8#



#57
2,4-Dinitrotoluene
Concen: 11.443 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:165 Resp: 52847
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.8 59.7 89.5#
182 0.8 0.0 0.0#

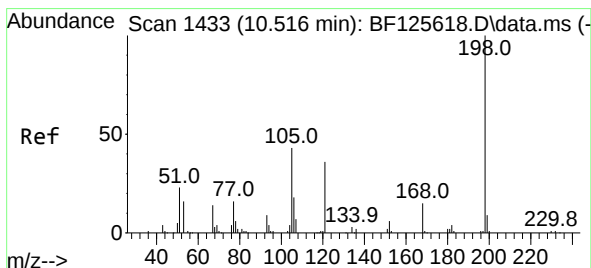
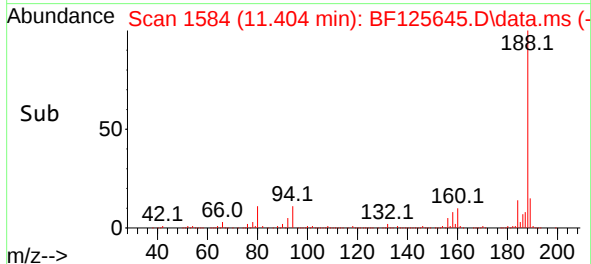
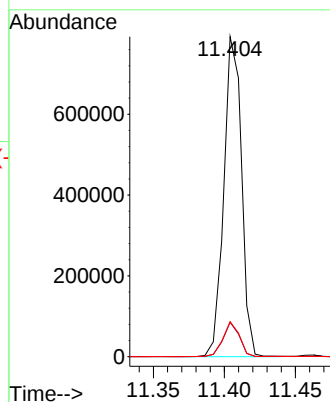
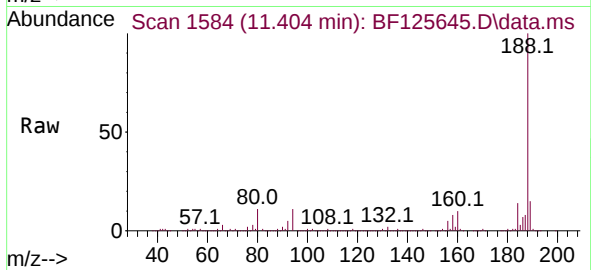




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

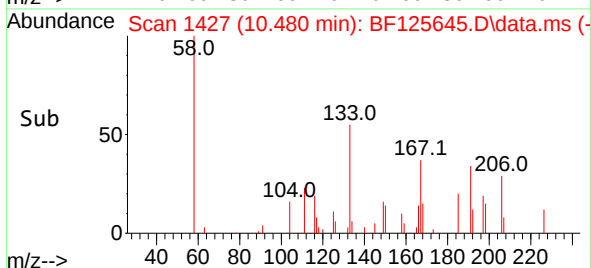
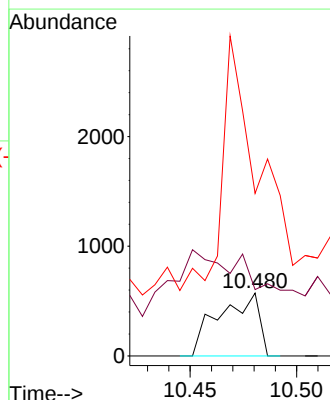
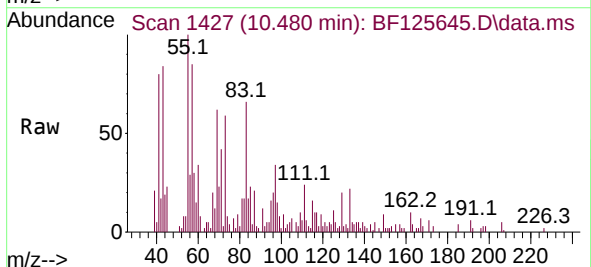
Instrument :
BNA_F
ClientSampled :

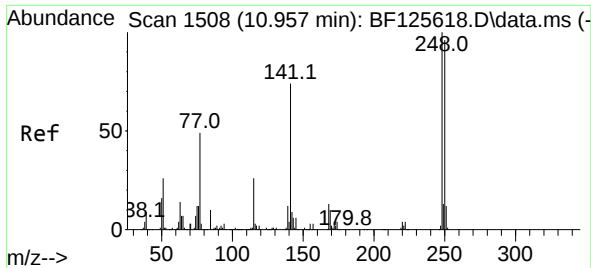
Tgt Ion:188 Resp: 685480
Ion Ratio Lower Upper
188 100
94 10.7 6.7 10.1#
80 10.9 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.196 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.036 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

Tgt Ion:198 Resp: 753
Ion Ratio Lower Upper
198 100
51 105.6 45.3 85.3#
105 258.6 30.6 70.6#

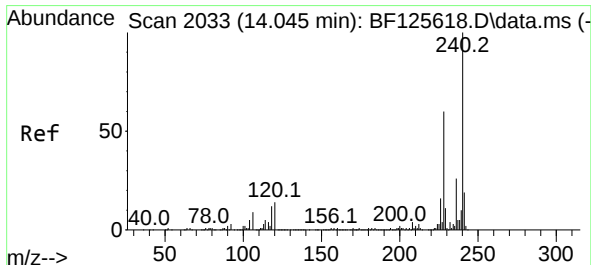
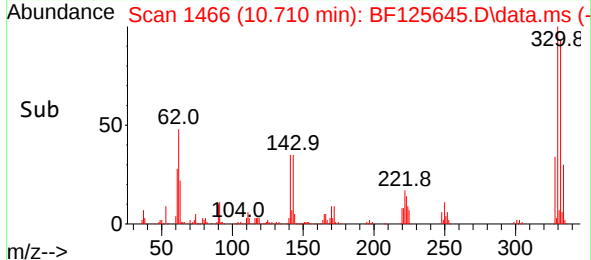
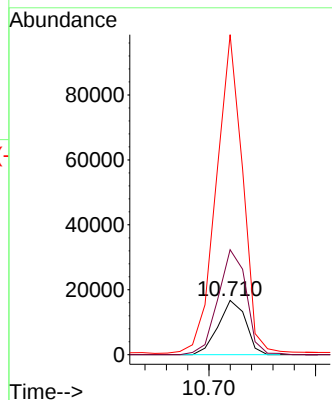
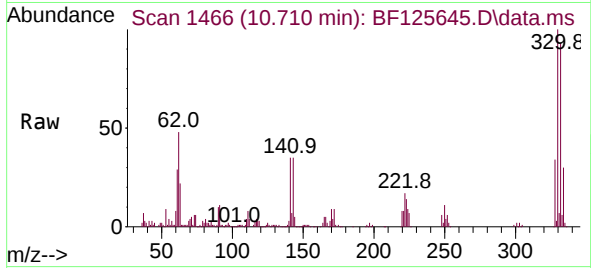




#67
4-Bromophenyl-phenylether
Concen: 2.079 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

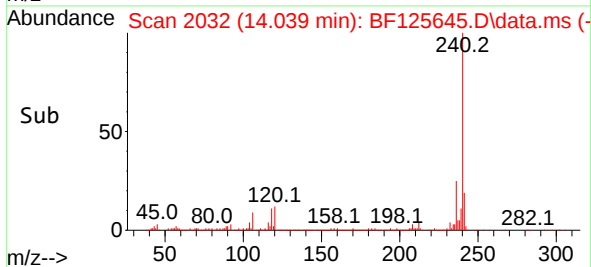
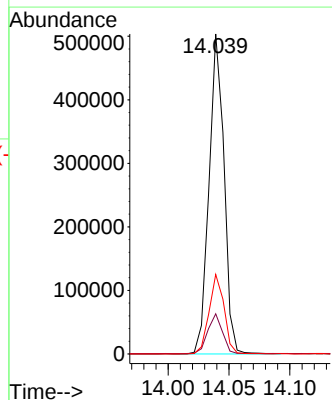
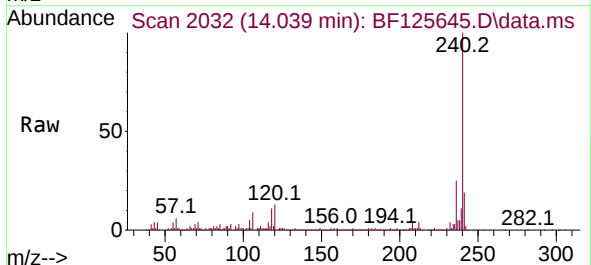
Instrument :
BNA_F
ClientSampleId :

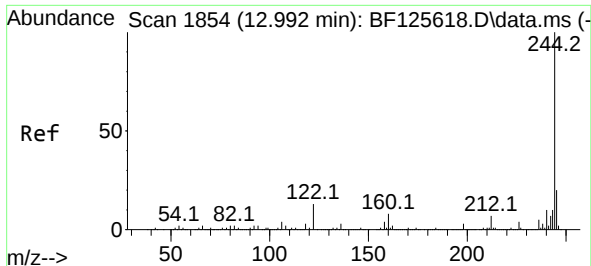
Tgt Ion:248 Resp: 14957
Ion Ratio Lower Upper
248 100
250 193.6 74.2 111.4#
141 590.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125645.D
Acq: 25 Sep 2021 4:01

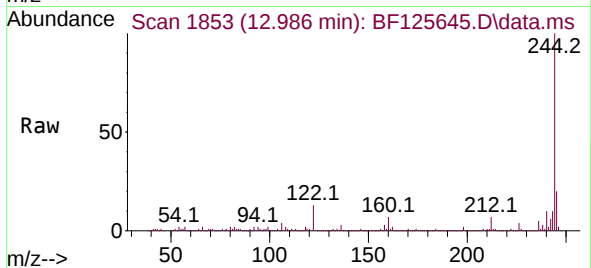
Tgt Ion:240 Resp: 433025
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 24.9 21.6 32.4



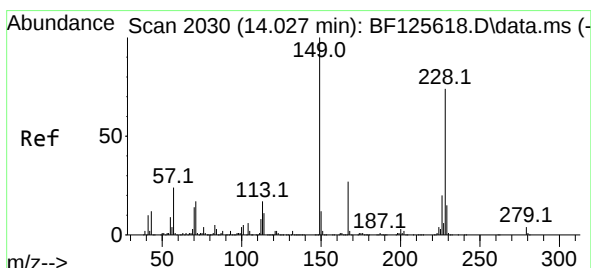
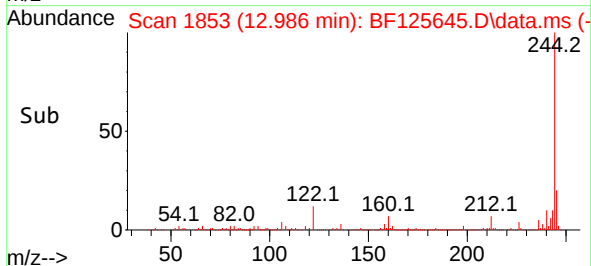
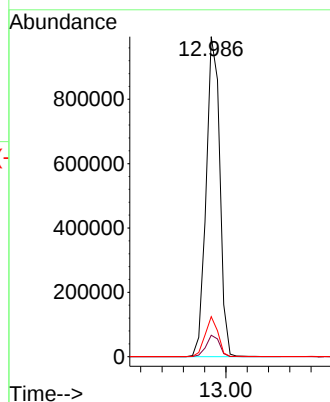


#79
 Terphenyl-d14
 Concen: 35.506 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF125645.D
 Acq: 25 Sep 2021 4:01

Instrument :
 BNA_F
 ClientSampleId :

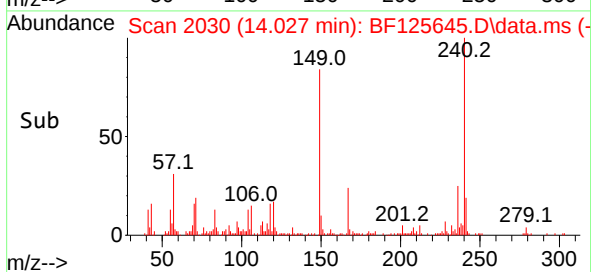
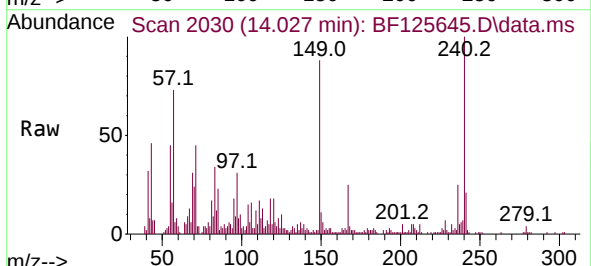
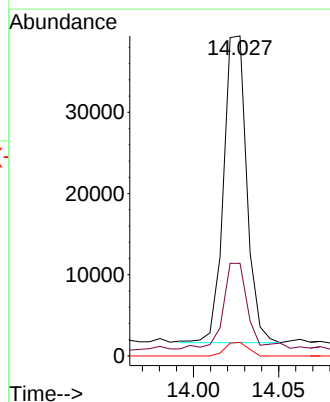


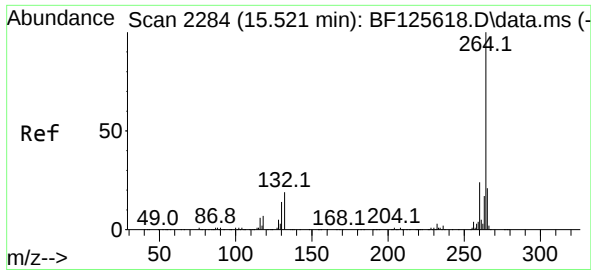
Tgt Ion:244 Resp: 887827
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 12.5 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.405 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF125645.D
 Acq: 25 Sep 2021 4:01

Tgt Ion:149 Resp: 35676
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.4 32.0
 279 4.2 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125645.D
 Acq: 25 Sep 2021 4:01

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264	Resp:	278892
Ion Ratio	Lower	Upper
264	100	
260	25.9	19.6 29.4
265	20.2	17.2 25.8

