

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125729.D
 Acq On : 30 Sep 2021 12:57
 Operator : JU/CG
 Sample : M3951-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20210924

Quant Time: Sep 30 13:42:10 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)

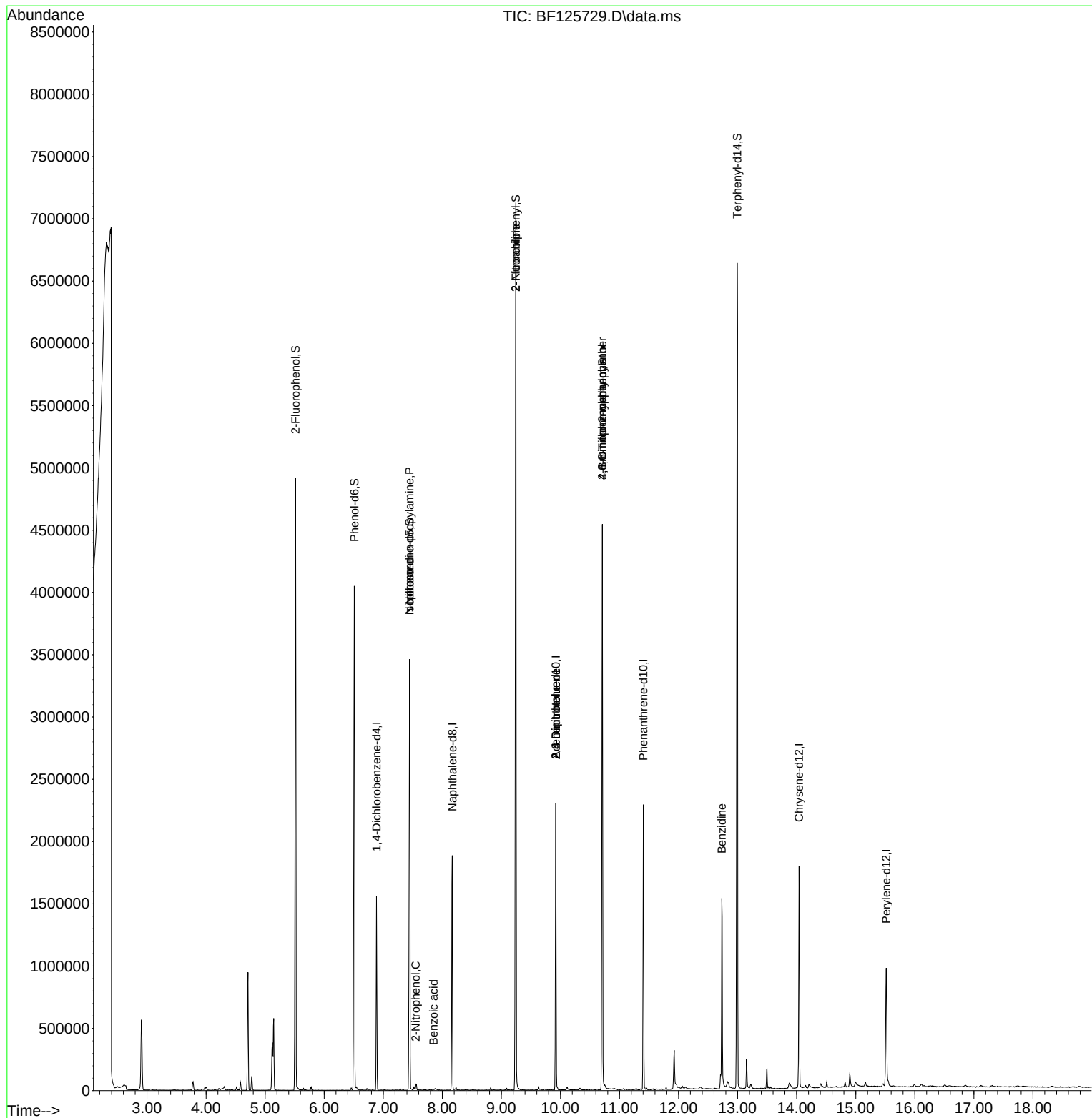
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	216630	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	875823	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	458143	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	791566	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	579616	20.000	ng	0.00
86) Perylene-d12	15.515	264	444387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1584196	120.485	ng	0.01
7) Phenol-d6	6.510	99	1709043	96.681	ng	0.00
23) Nitrobenzene-d5	7.445	82	1307400	104.121	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	638273	149.423	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2372304	94.543	ng	0.00
79) Terphenyl-d14	12.992	244	2594883	77.529	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	141	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	163942	16.289	ng	# 51
25) Isophorone	7.445	82	1307369	46.491	ng	# 59
26) 2-Nitrophenol	7.551	139	271	5.769	ng	# 39
32) Benzoic acid	7.851	122	1752	8.785	ng	92
48) 2-Nitroaniline	9.245	65	3240	4.606	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	58679	12.649	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	58679	11.536	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1458	9.321	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	34977	4.210	ng	# 1
77) Benzidine	12.733	184	614478	40.355	ng	96

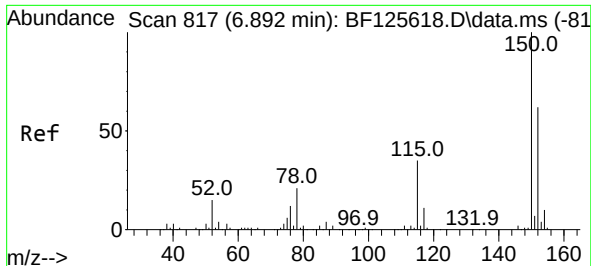
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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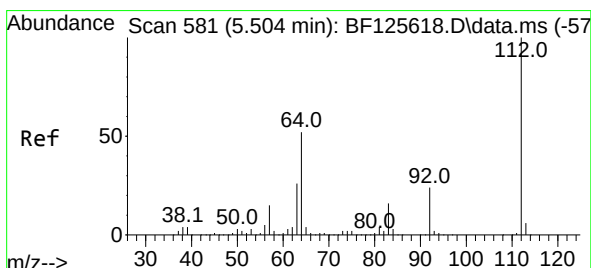
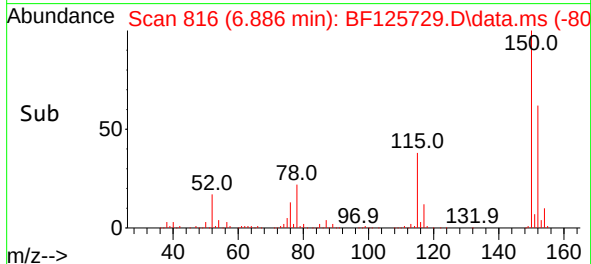
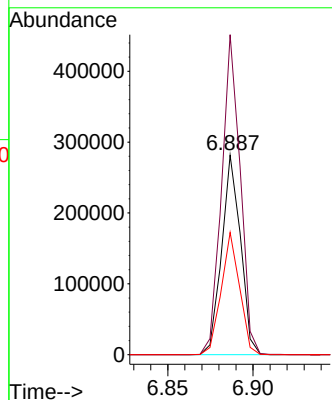
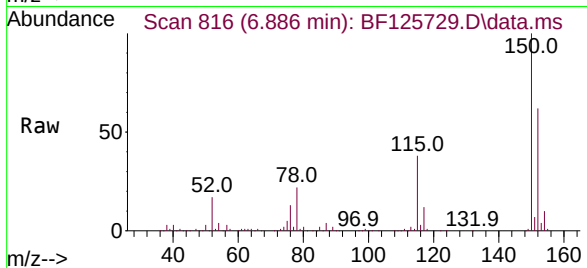




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

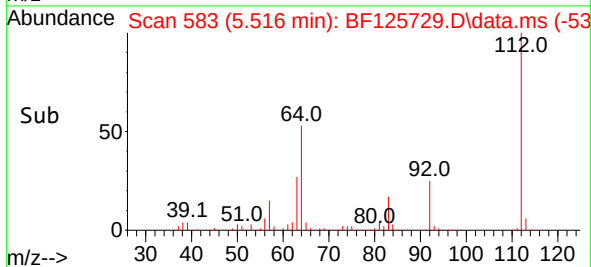
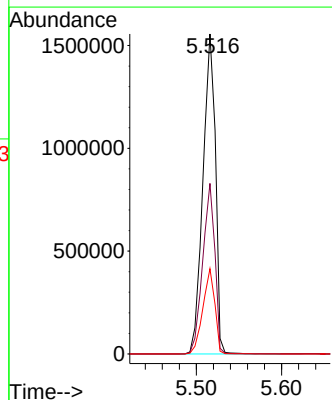
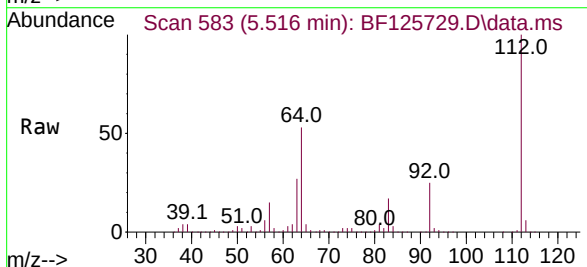
Instrument :
BNA_F
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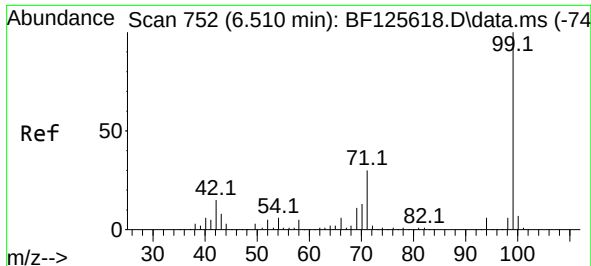
Tgt Ion:152 Resp: 216630
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 120.485 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion:112 Resp: 1584196
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 26.6 26.2 39.2

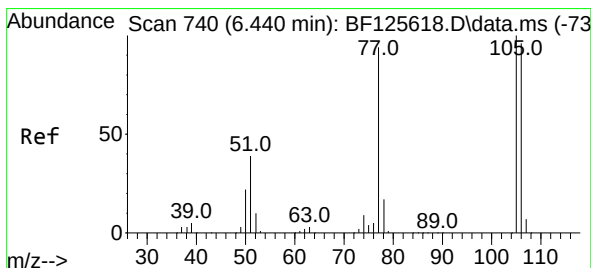
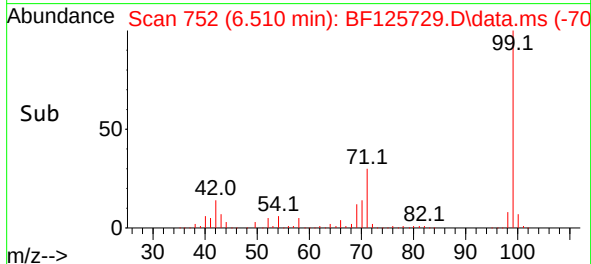
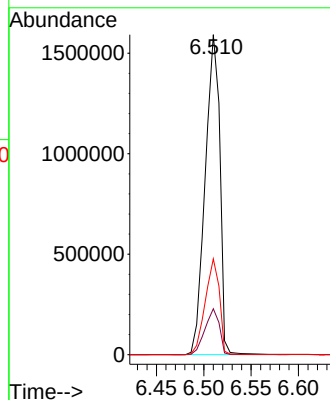
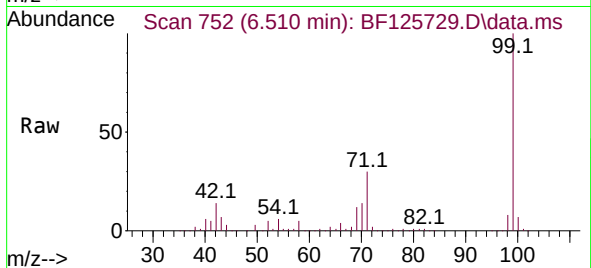




#7
Phenol-d6
Concen: 96.681 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

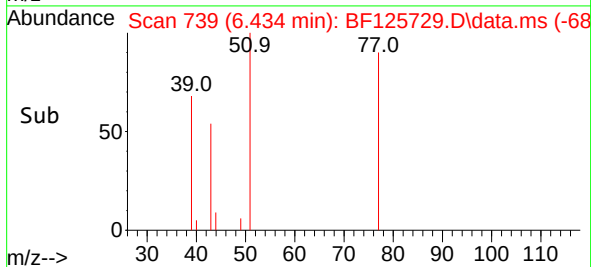
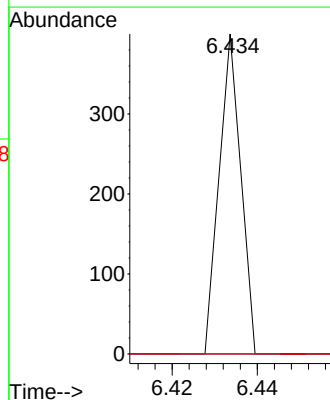
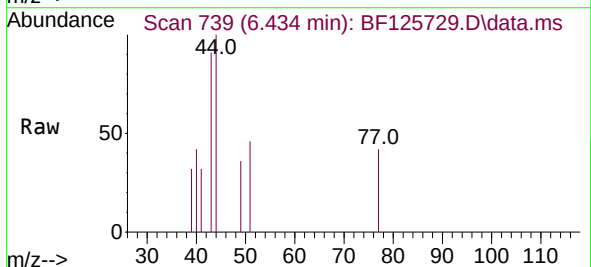
Instrument :
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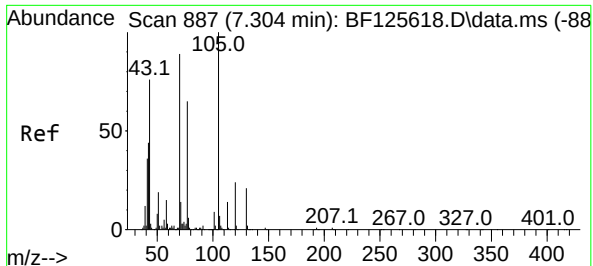
Tgt Ion: 99 Resp: 1709043
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 30.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

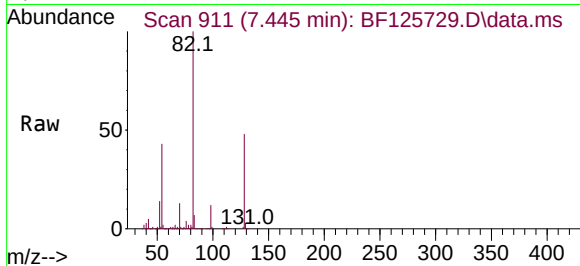
Tgt Ion: 77 Resp: 141
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



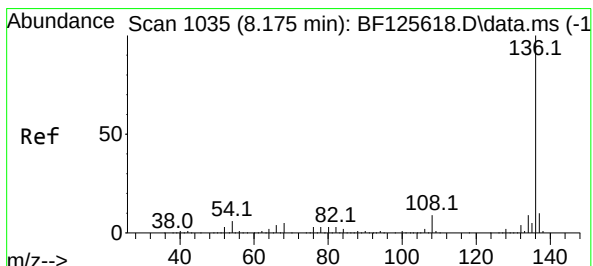
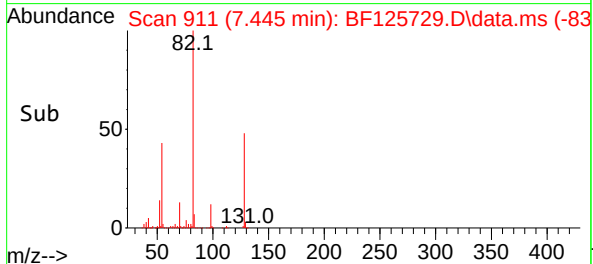
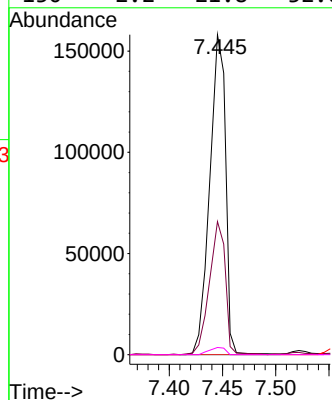


#19
n-Nitroso-di-n-propylamine
Concen: 16.289 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Instrument :
BNA_F
ClientSampleId :
WC-20210924

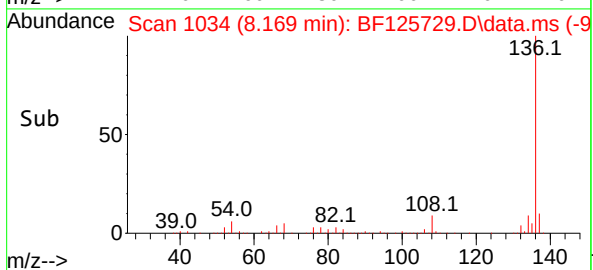
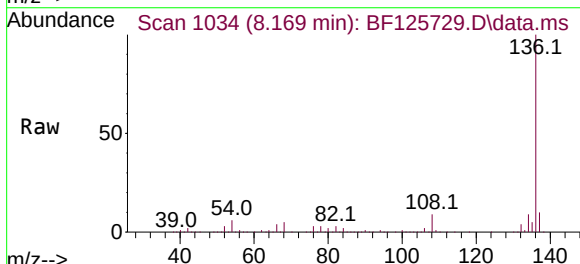
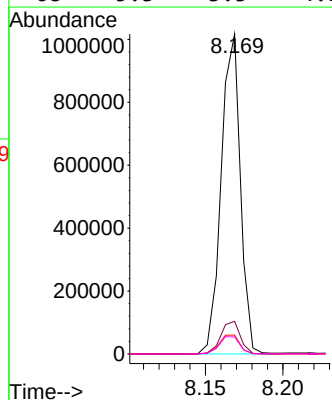


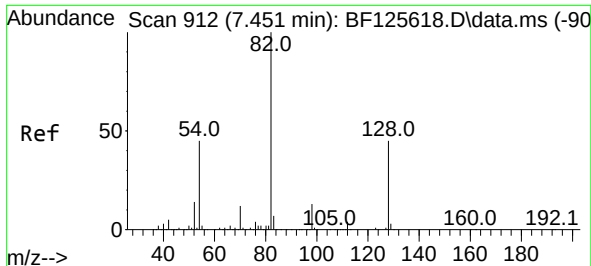
Tgt Ion: 70 Resp: 163942
Ion Ratio Lower Upper
70 100
42 41.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion: 136 Resp: 875823
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 5.9 6.4 9.6#
68 5.3 3.3 4.9#

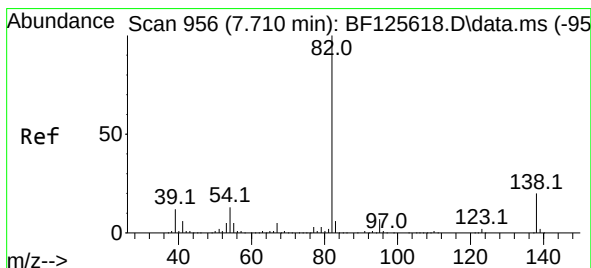
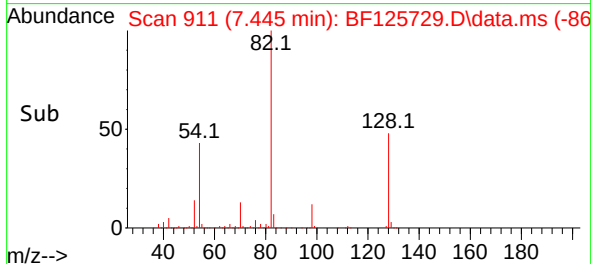
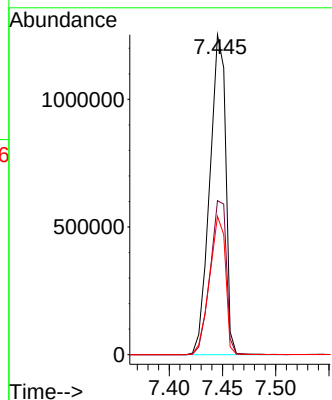
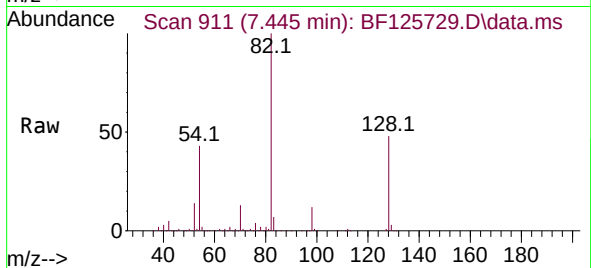




#23
Nitrobenzene-d5
Concen: 104.121 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

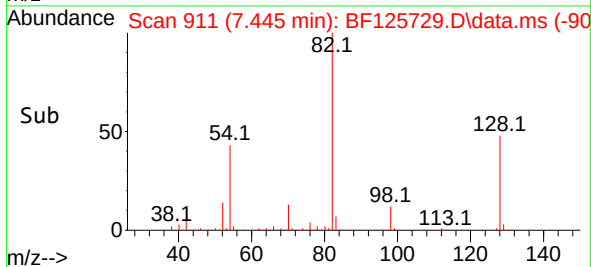
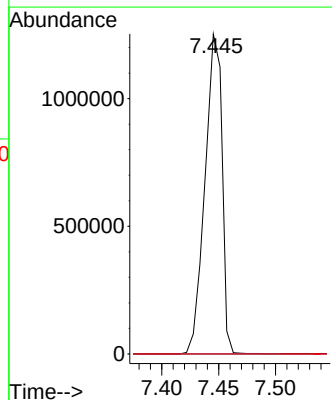
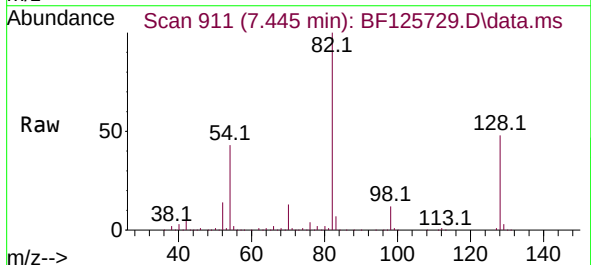
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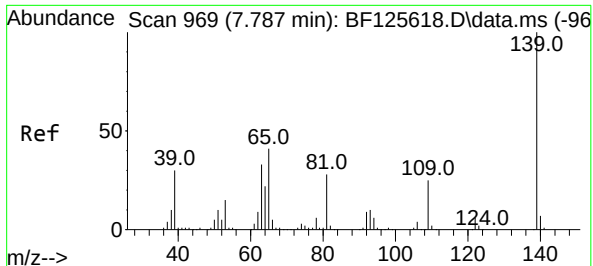
Tgt Ion: 82 Resp: 1307400
Ion Ratio Lower Upper
82 100
128 48.2 40.6 60.8
54 43.2 49.6 74.4#



#25
Isophorone
Concen: 46.491 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion: 82 Resp: 1307369
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

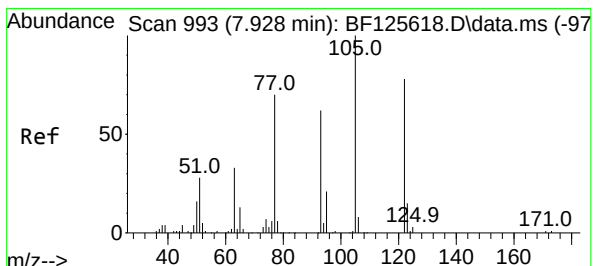
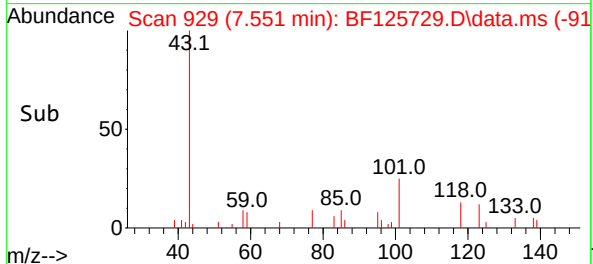
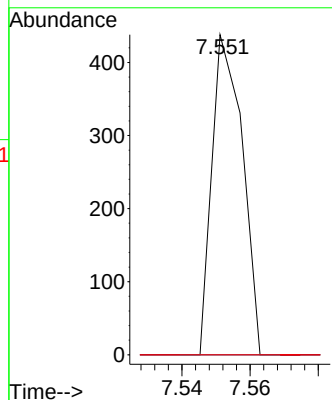
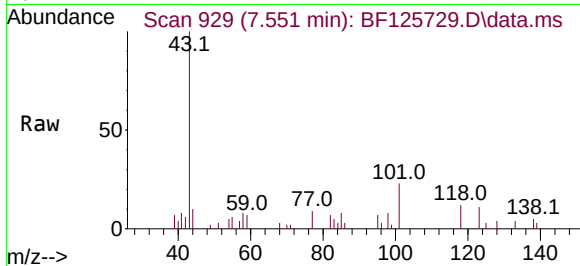




#26
2-Nitrophenol
Concen: 5.769 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.236 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

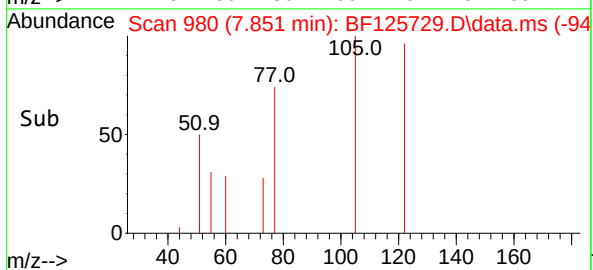
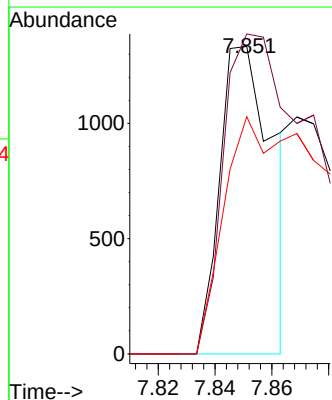
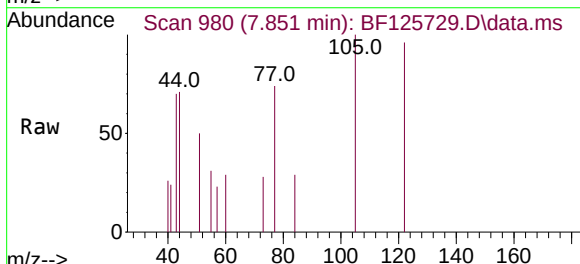
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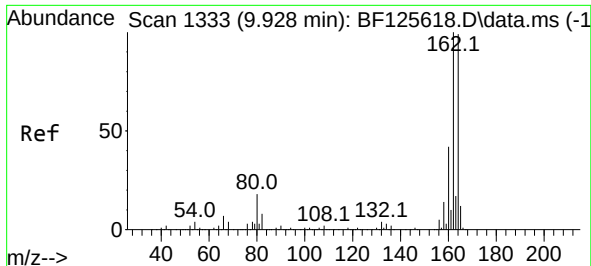
Tgt Ion:139 Resp: 271
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.785 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.077 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion:122 Resp: 1752
Ion Ratio Lower Upper
122 100
105 104.0 97.6 137.6
77 77.1 59.6 99.6

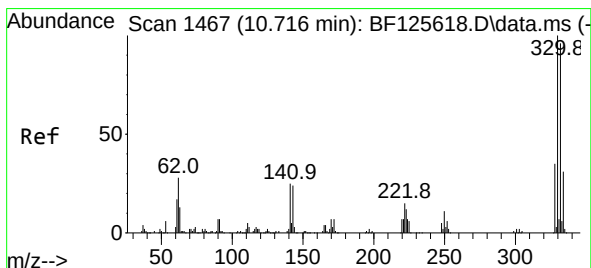
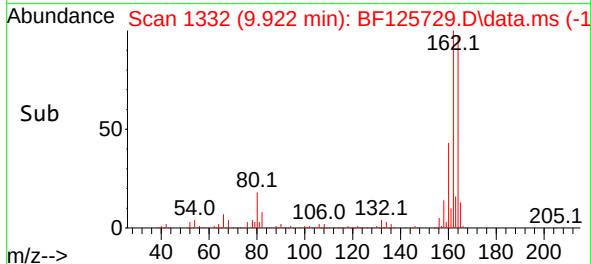
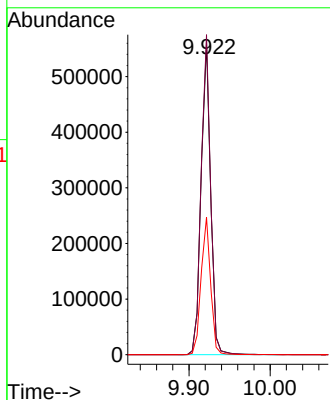
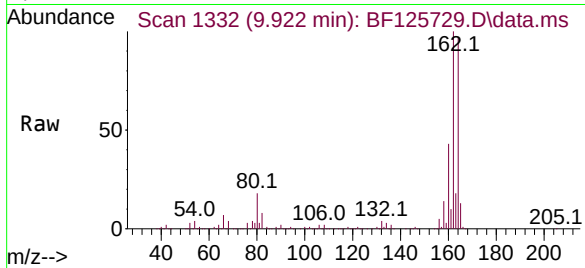




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

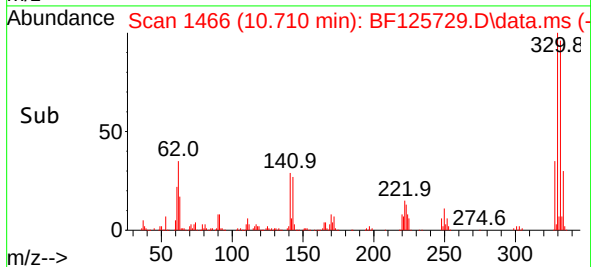
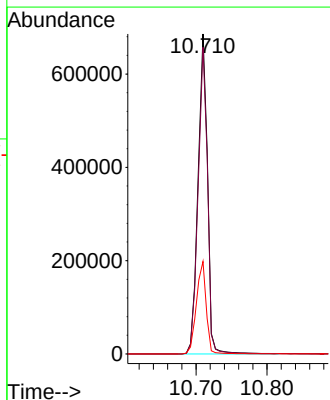
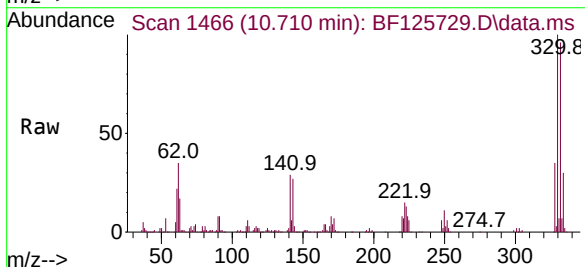
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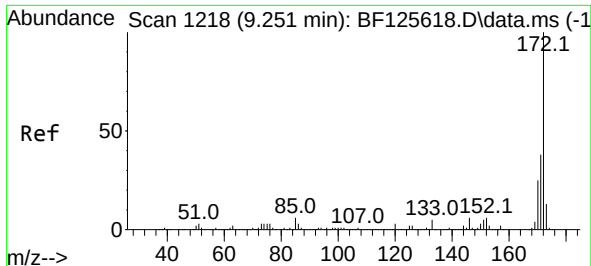
Tgt Ion:164 Resp: 458143
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 149.423 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion:330 Resp: 638273
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 30.0 44.6 66.8#

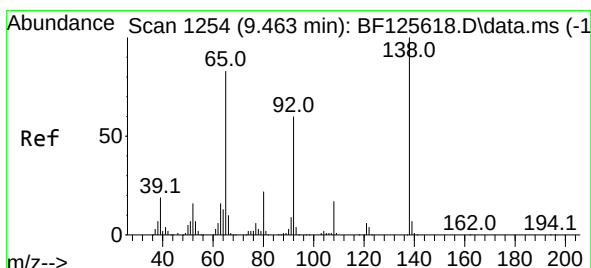
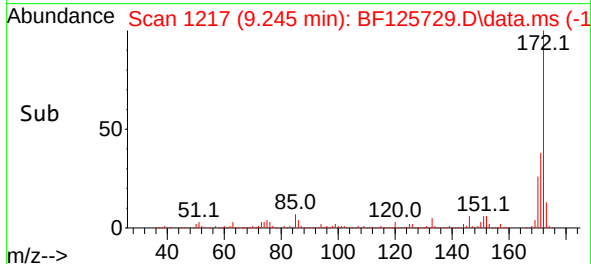
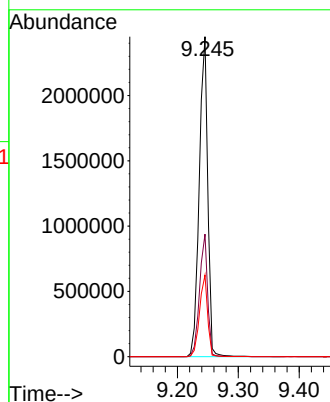
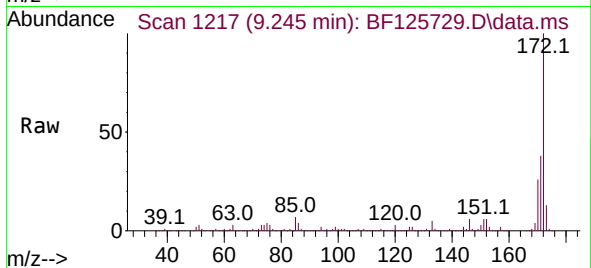




#45
2-Fluorobiphenyl
Concen: 94.543 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

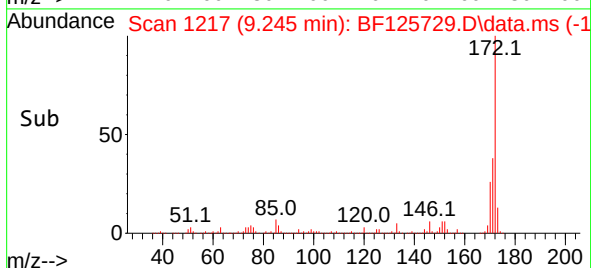
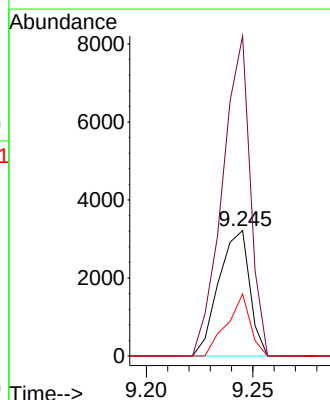
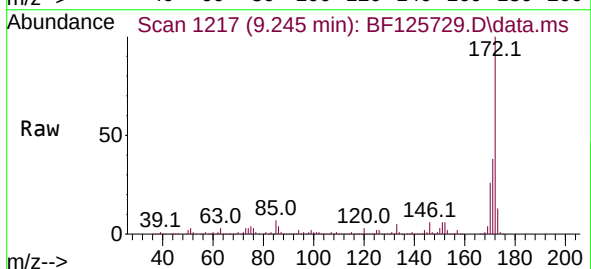
Instrument :
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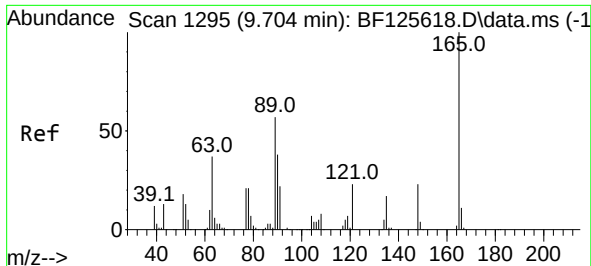
Tgt Ion:172 Resp: 2372304
Ion Ratio Lower Upper
172 100
171 38.3 26.5 39.7
170 25.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.606 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion: 65 Resp: 3240
Ion Ratio Lower Upper
65 100
92 255.2 55.5 83.3#
138 49.5 93.5 140.3#

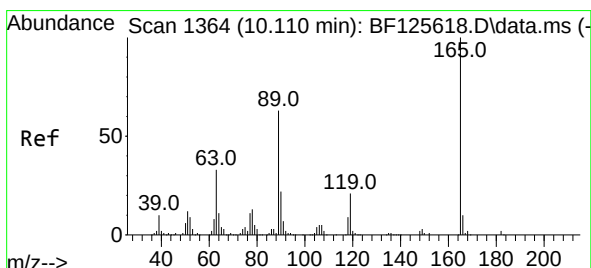
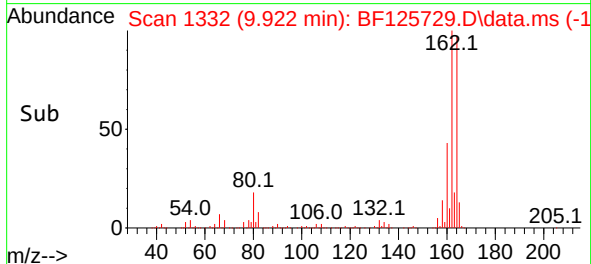
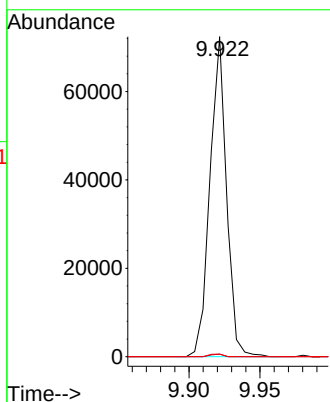
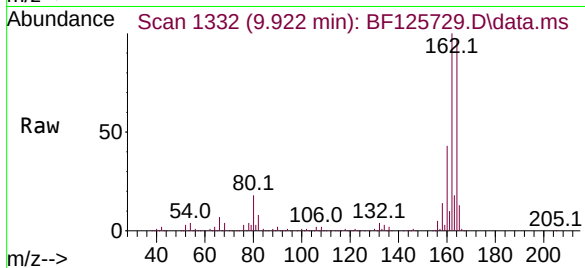




#51
2,6-Dinitrotoluene
Concen: 12.649 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

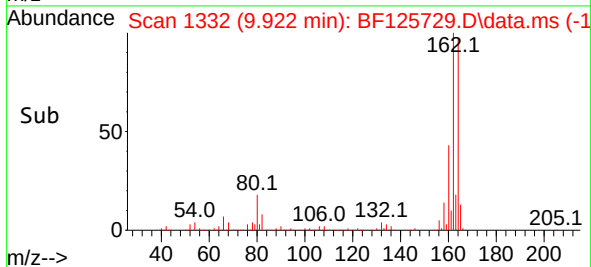
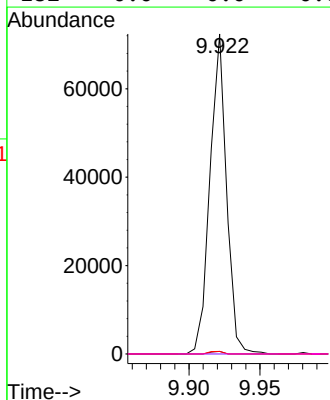
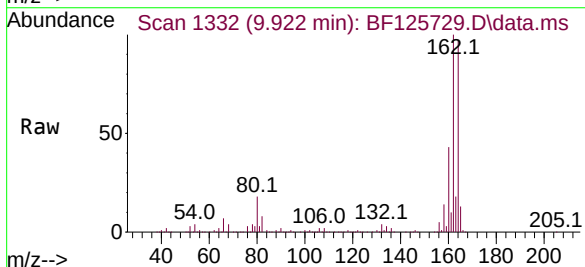
Instrument :
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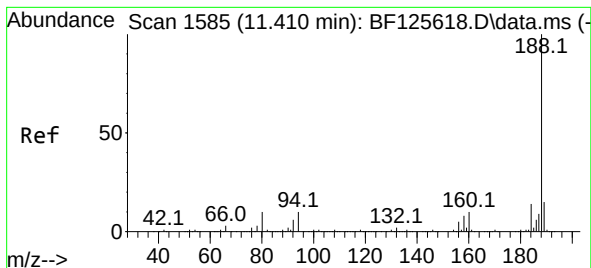
Tgt Ion:165 Resp: 58679
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.536 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion:165 Resp: 58679
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

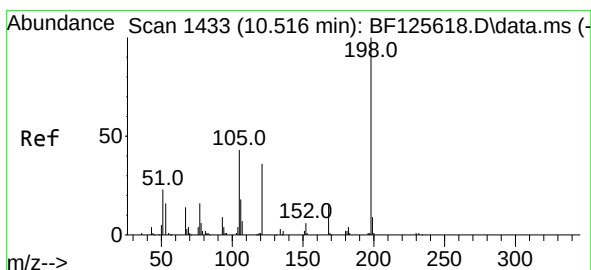
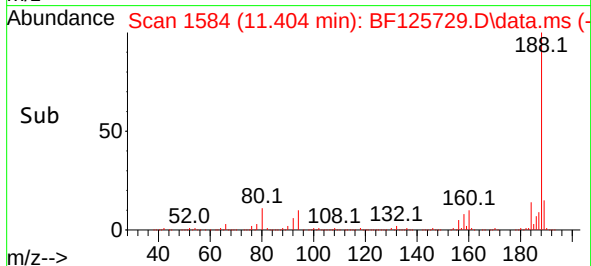
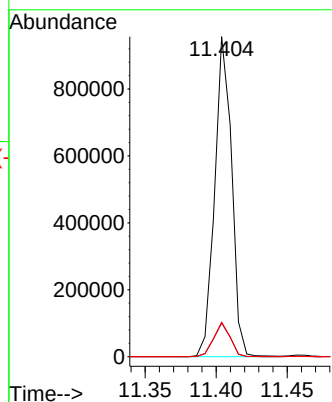
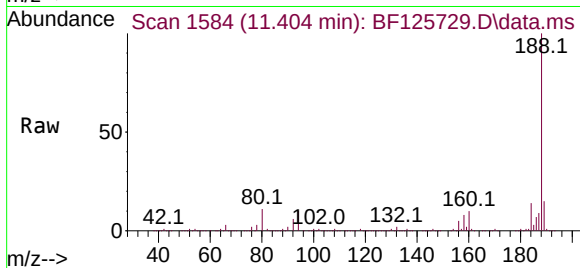




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

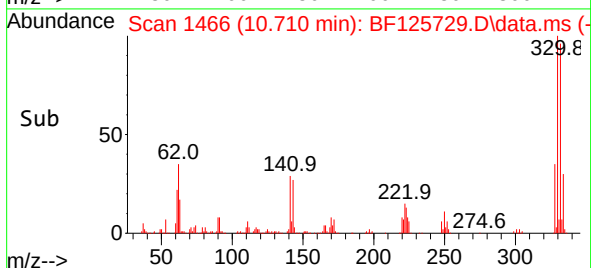
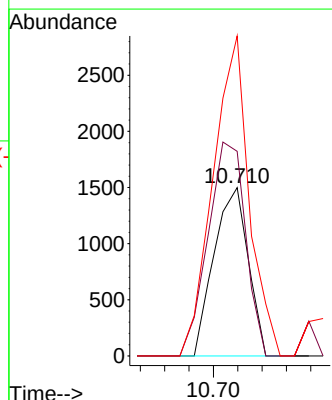
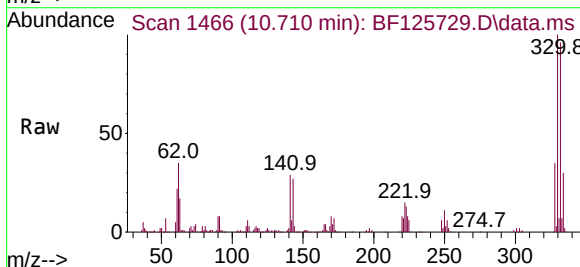
Instrument :
BNA_F
ClientSampleId :
WC-20210924

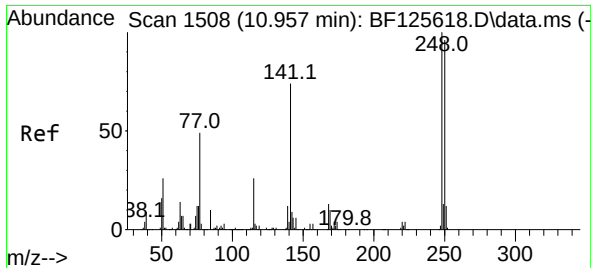
Tgt Ion:188 Resp: 791566
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 10.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.321 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion:198 Resp: 1458
Ion Ratio Lower Upper
198 100
51 121.5 45.3 85.3#
105 190.1 30.6 70.6#

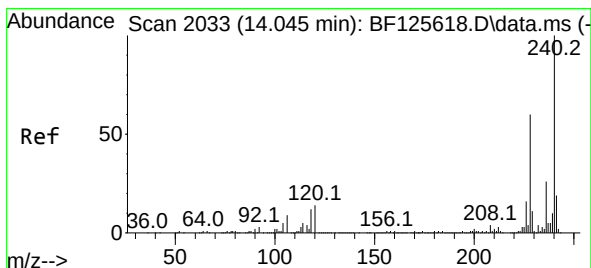
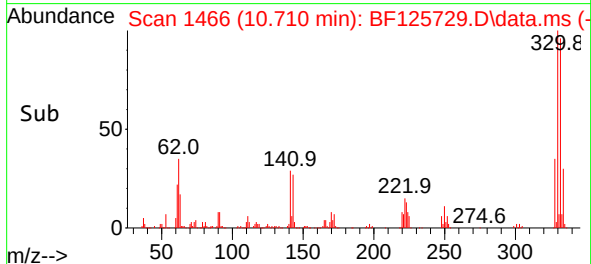
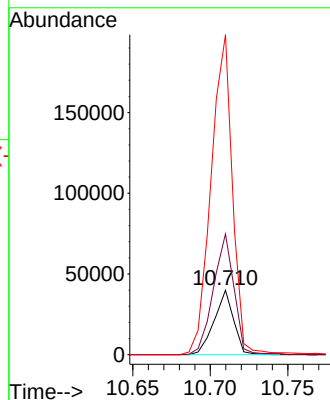
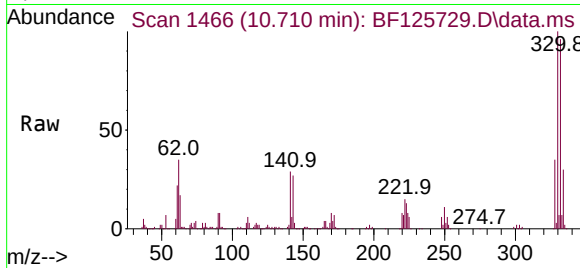




#67
4-Bromophenyl-phenylether
Concen: 4.210 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

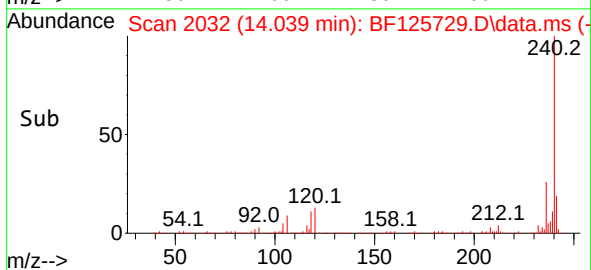
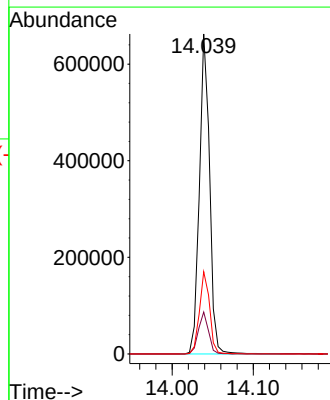
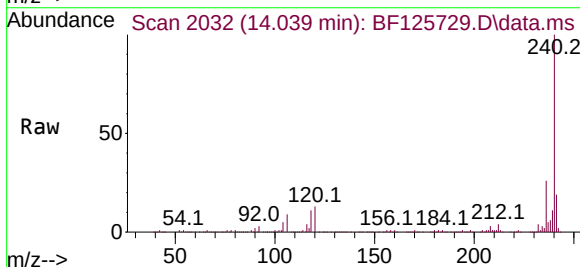
Instrument :
BNA_F
ClientSampleId :
WC-20210924

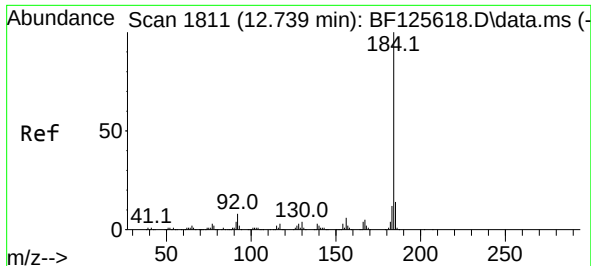
Tgt Ion:248 Resp: 34977
Ion Ratio Lower Upper
248 100
250 187.6 74.2 111.4#
141 496.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion:240 Resp: 579616
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 25.7 21.6 32.4

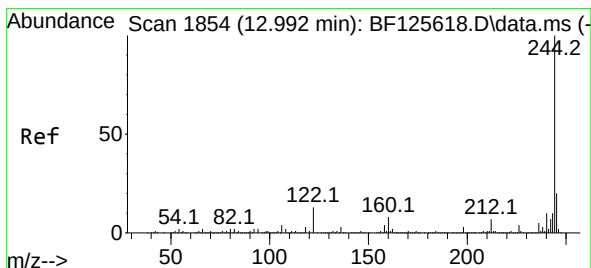
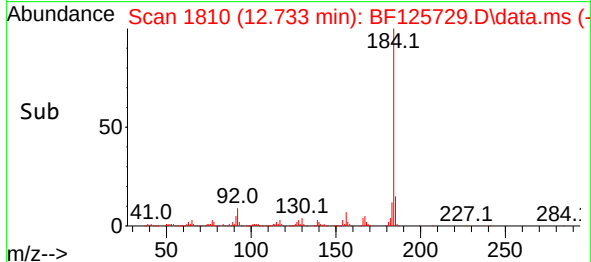
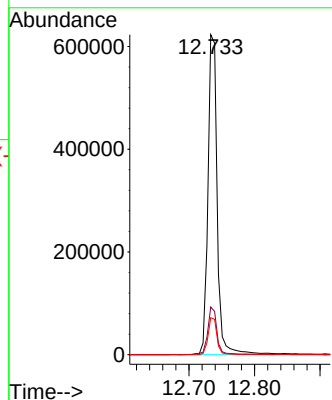
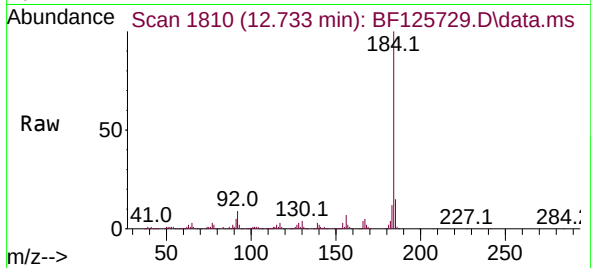




#77
Benzidine
Concen: 40.355 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

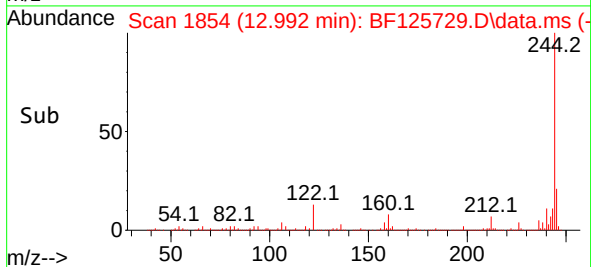
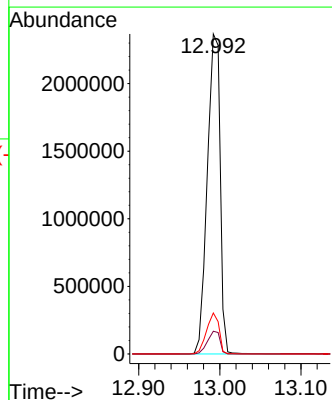
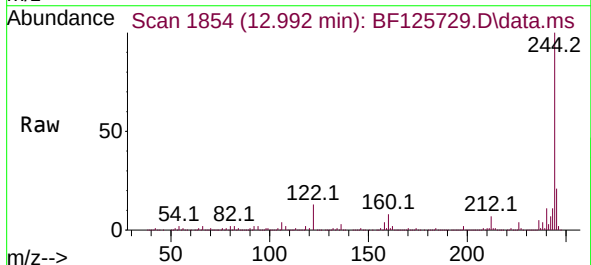
Instrument :
BNA_F
ClientSampleId :
WC-20210924

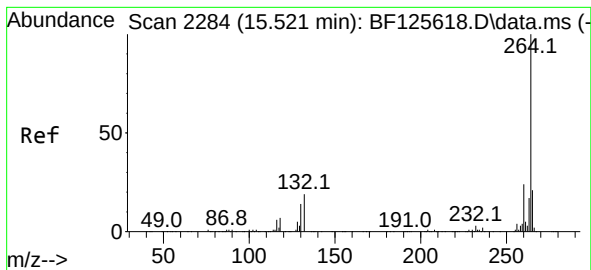
Tgt Ion:184 Resp: 614478
Ion Ratio Lower Upper
184 100
185 14.9 10.8 16.2
183 11.5 8.1 12.1



#79
Terphenyl-d14
Concen: 77.529 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125729.D
Acq: 30 Sep 2021 12:57

Tgt Ion:244 Resp: 2594883
Ion Ratio Lower Upper
244 100
212 7.1 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: BF125729.D
Acq: 30 Sep 2021 12:57

Instrument :
BNA_F
ClientSampleId :
WC-20210924

Tgt Ion:264 Resp: 444387
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 20.6 17.2 25.8

