

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125039.D
 Acq On : 10 Aug 2021 19:59
 Operator : JU/CG
 Sample : M3331-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSY1-WC-S-10-14-0-10

Quant Time: Aug 11 04:15:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

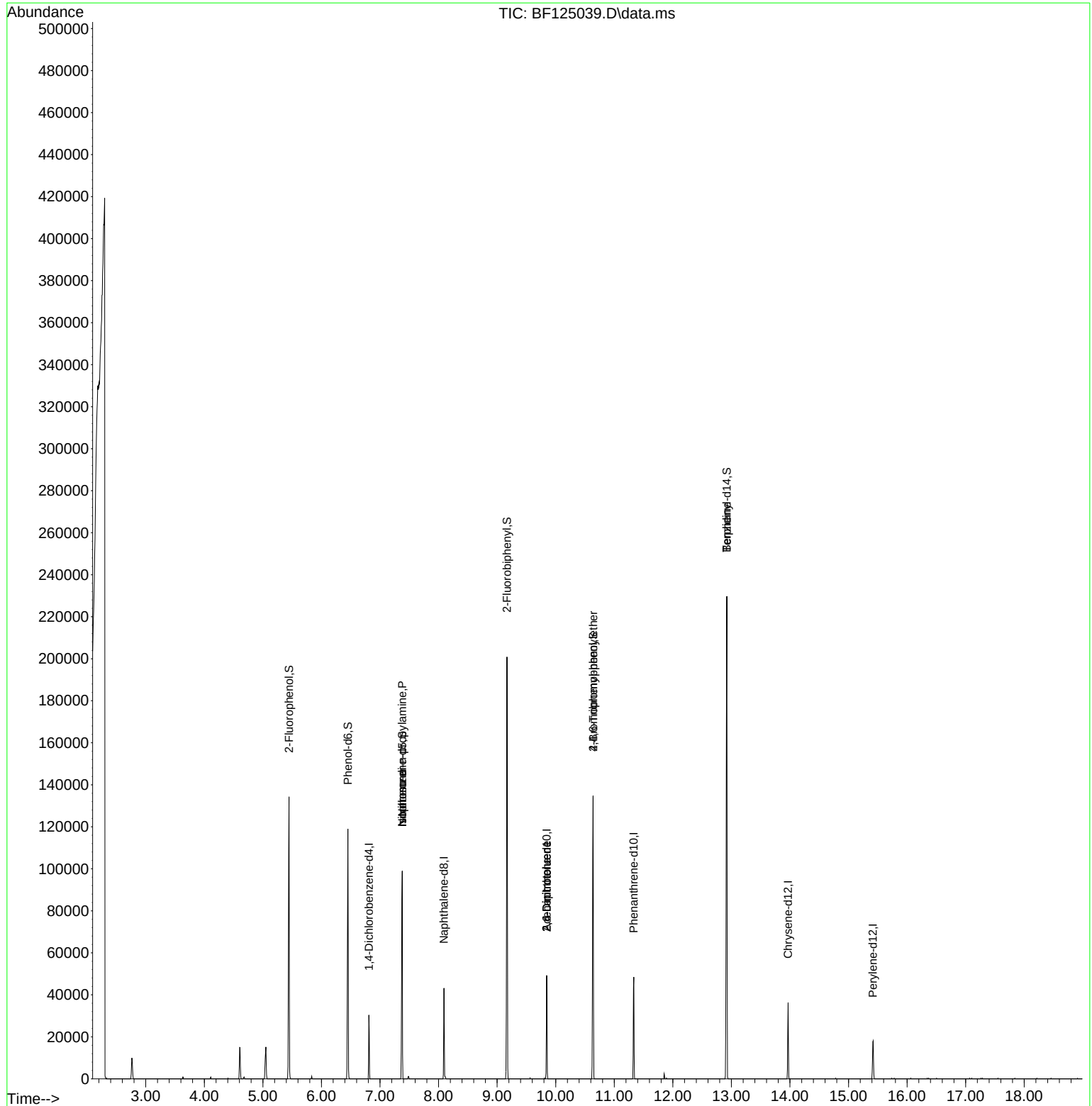
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	4057	20.000	ng	# 0.00
21) Naphthalene-d8	8.092	136	16659	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	9628	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	18016	20.000	ng	0.00
76) Chrysene-d12	13.968	240	13099	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	10399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	31187	125.925	ng	0.01
7) Phenol-d6	6.451	99	35650	114.158	ng	0.00
23) Nitrobenzene-d5	7.381	82	32761	102.876	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	13246	153.994	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	54476	82.791	ng	0.00
79) Terphenyl-d14	12.921	244	75732	97.524	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	4738	25.570	ng	# 55
25) Isophorone	7.381	82	32761	60.276	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1140	7.847	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1140	5.779	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	1048	5.311	ng	# 1
77) Benzidine	12.921	184	1014	2.893	ng	# 69

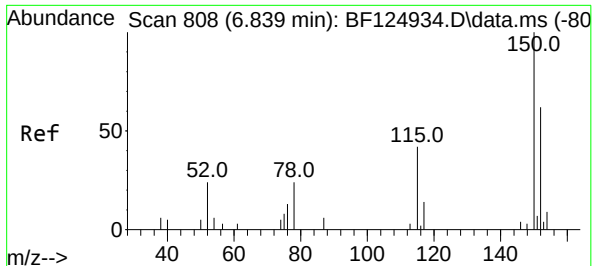
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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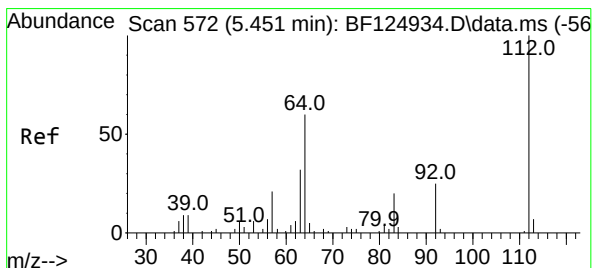
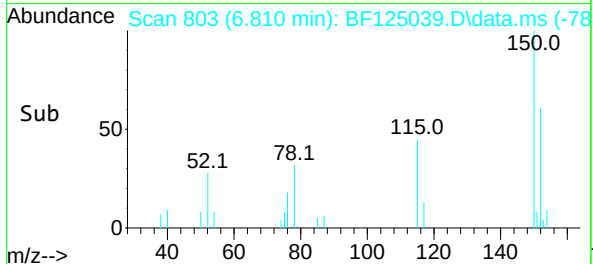
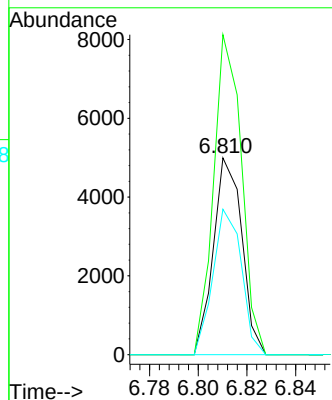
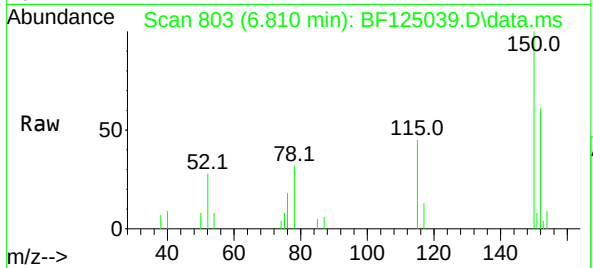




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

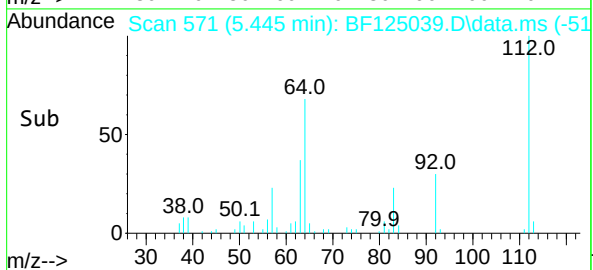
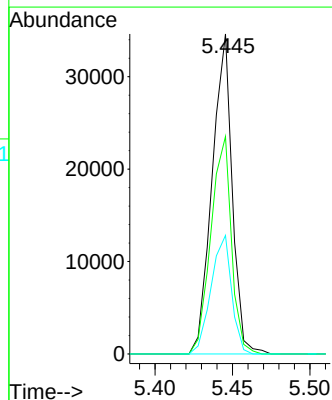
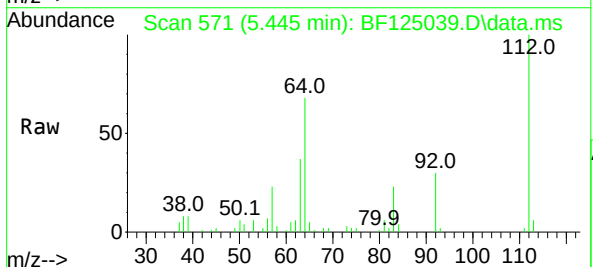
Instrument :
BNA_F
ClientSampleId :
BSY1-WC-S-10-14-0-10

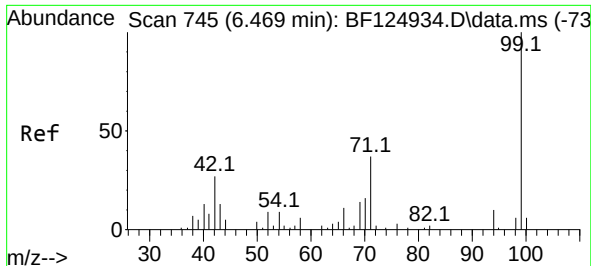
Tgt Ion:152 Resp: 4057
Ion Ratio Lower Upper
152 100
150 162.6 117.6 176.4
115 73.9 47.1 70.7#



#5
2-Fluorophenol
Concen: 125.925 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Tgt Ion:112 Resp: 31187
Ion Ratio Lower Upper
112 100
64 67.9 44.2 66.2#
63 37.0 26.2 39.2

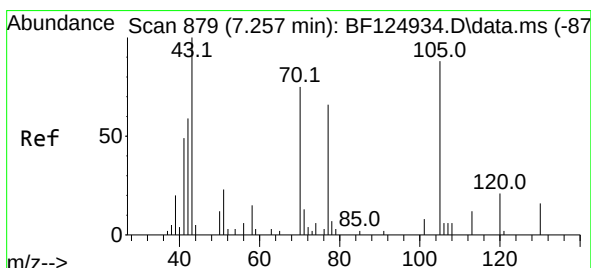
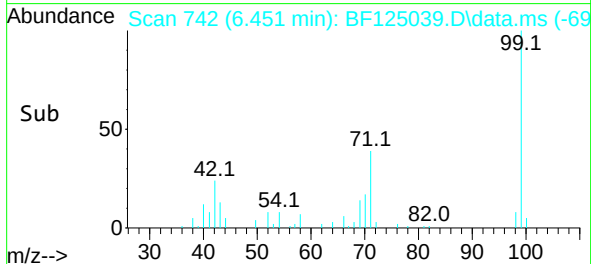
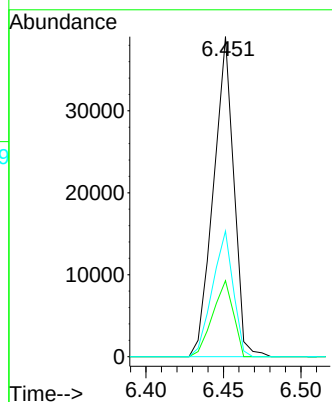
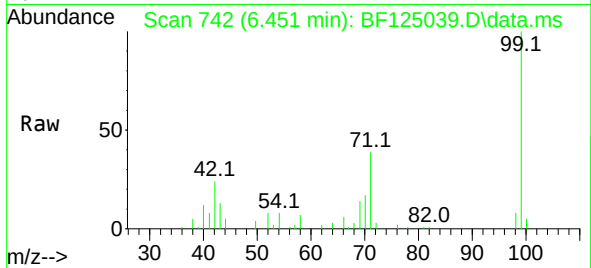




#7
Phenol-d6
Concen: 114.158 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

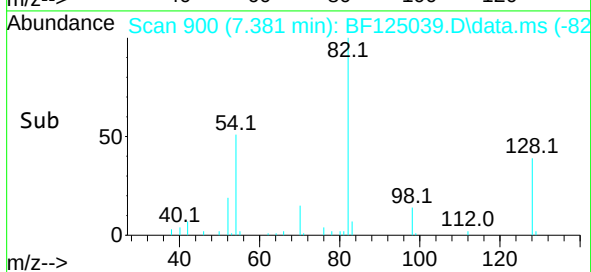
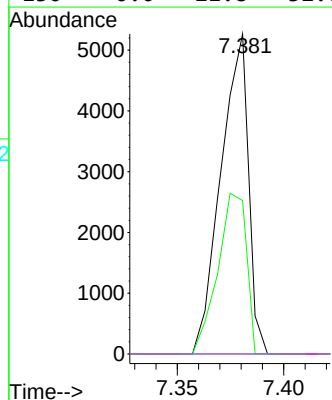
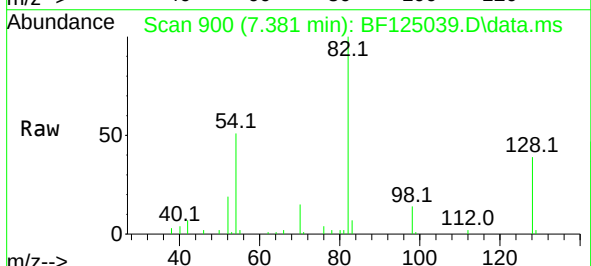
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BNA_F
ClientSampleId :
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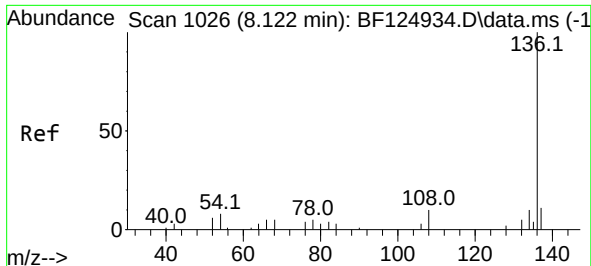
Tgt Ion: 99 Resp: 35650
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 39.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 25.570 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

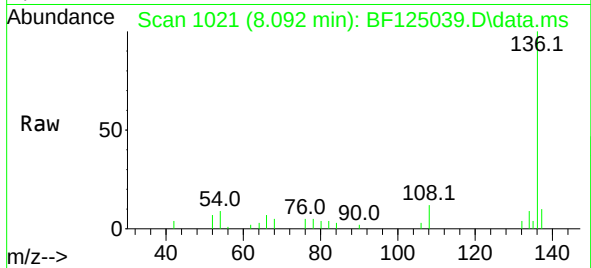
Tgt Ion: 70 Resp: 4738
Ion Ratio Lower Upper
70 100
42 47.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



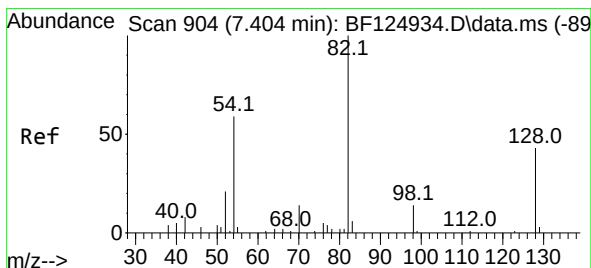
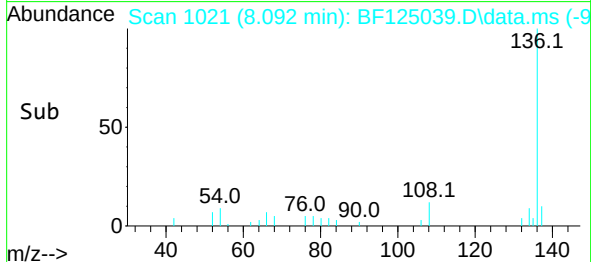
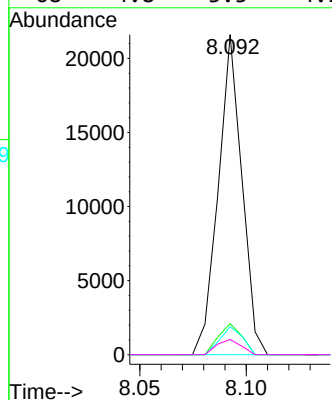


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Instrument :
BNA_F
ClientSampleId :
BSY1-WC-S-10-14-0-10

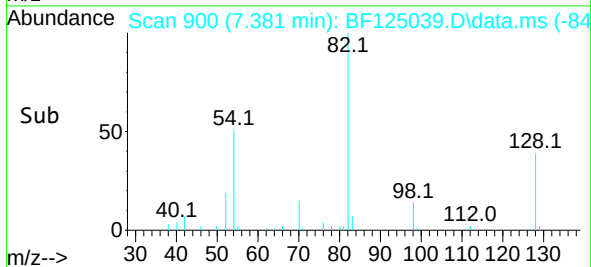
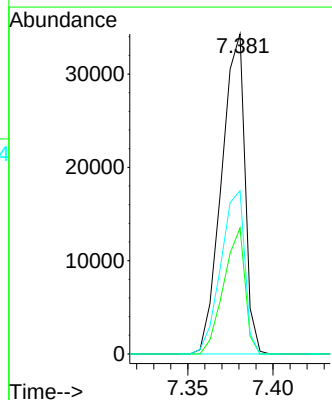
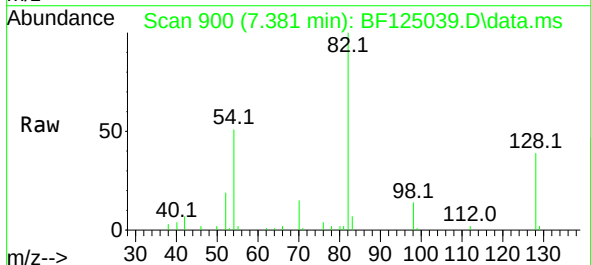


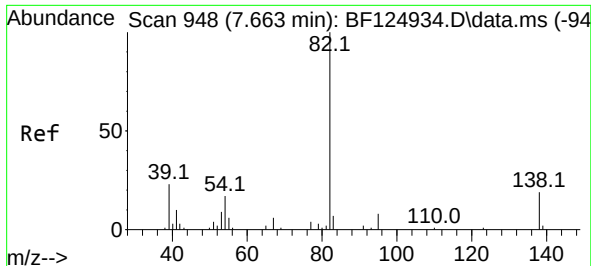
Tgt Ion:136	Resp:	16659
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.8 14.6#
54	8.8	6.4 9.6
68	4.8	3.3 4.9



#23
Nitrobenzene-d5
Concen: 102.876 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Tgt Ion: 82	Resp:	32761
Ion Ratio	Lower	Upper
82	100	
128	39.4	40.6 60.8#
54	51.0	49.6 74.4

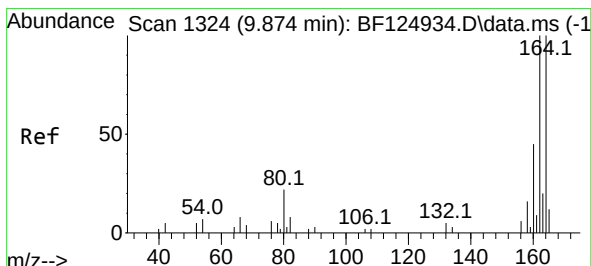
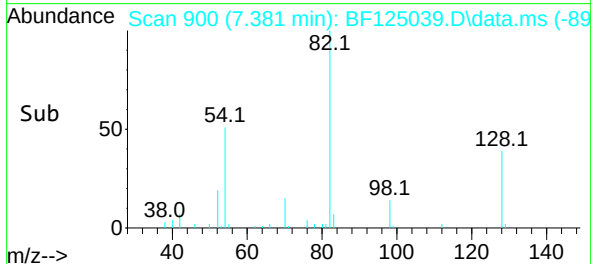
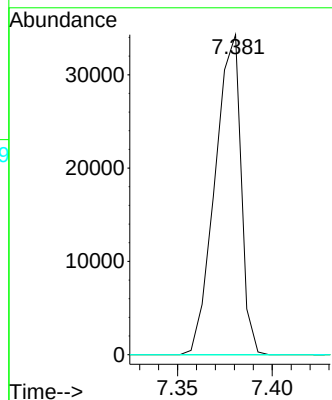
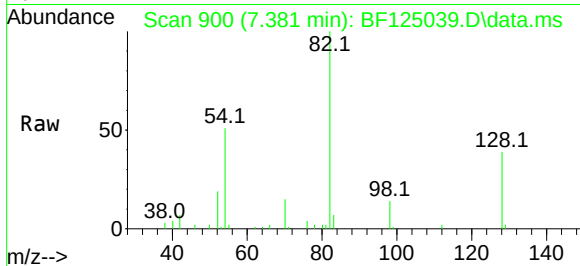




#25
Isophorone
Concen: 60.276 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

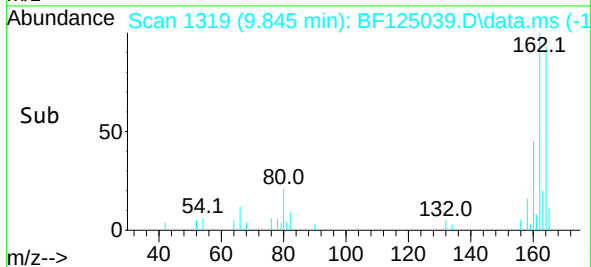
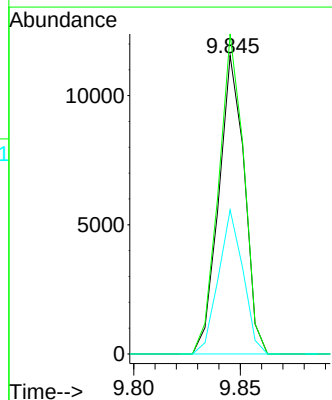
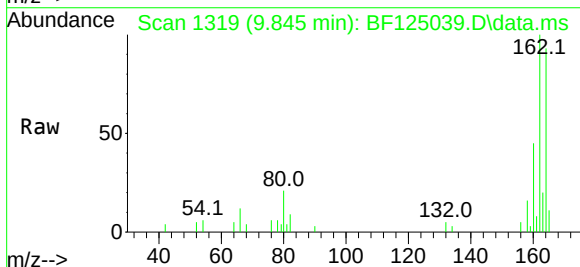
Instrument :
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ClientSampleId :
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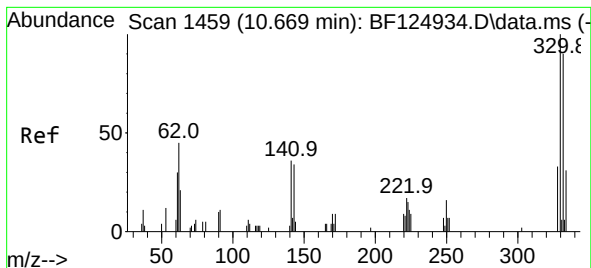
Tgt Ion: 82 Resp: 32761
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Tgt Ion: 164 Resp: 9628
Ion Ratio Lower Upper
164 100
162 107.3 81.3 121.9
160 48.3 38.0 57.0

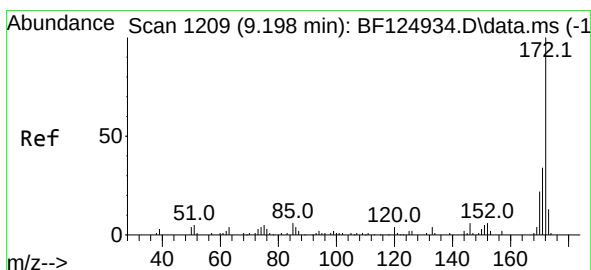
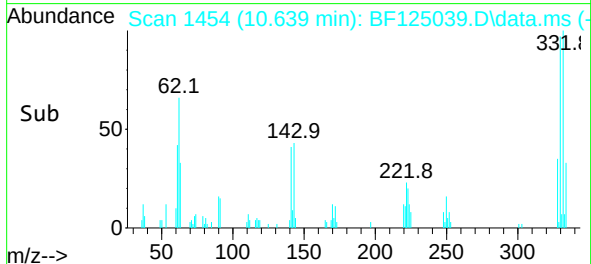
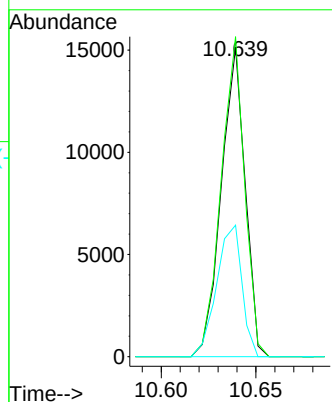
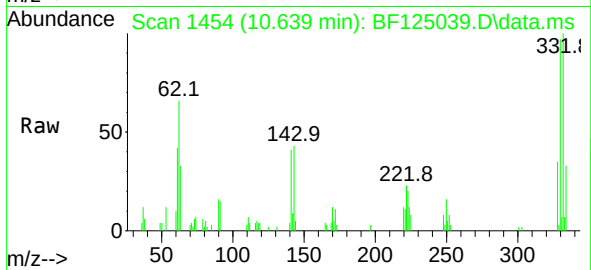




#42
2,4,6-Tribromophenol
Concen: 153.994 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

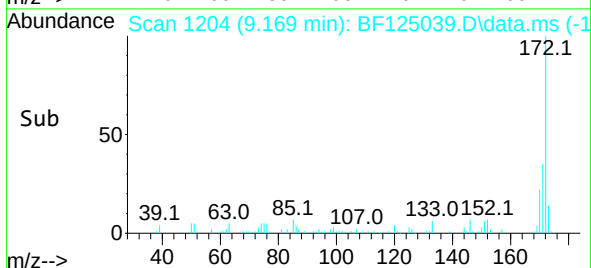
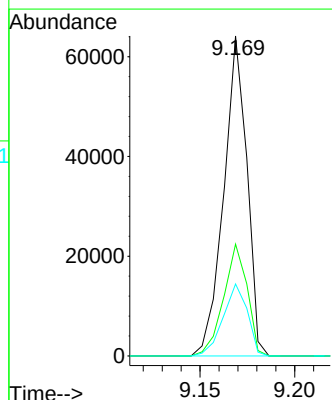
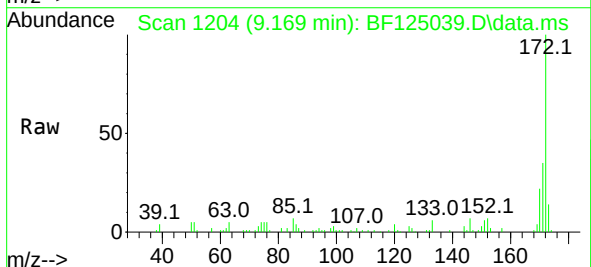
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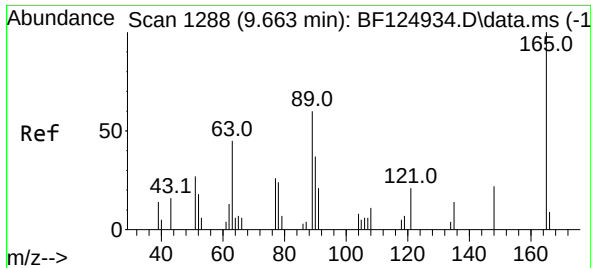
Tgt Ion: 330 Resp: 13246
Ion Ratio Lower Upper
330 100
332 102.0 76.2 114.4
141 45.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 82.791 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Tgt Ion: 172 Resp: 54476
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.5 18.8 28.2

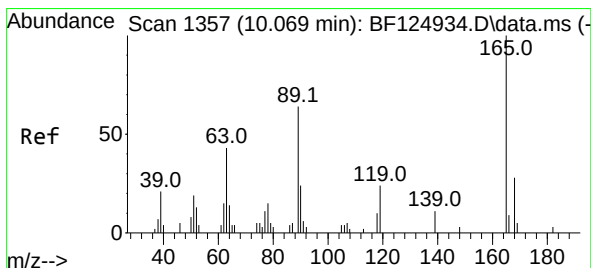
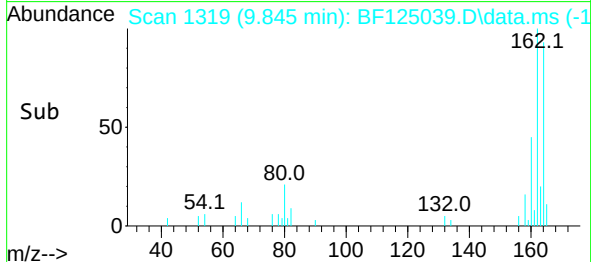
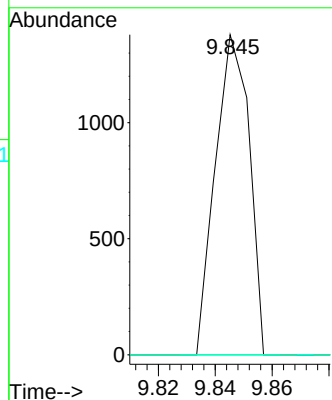
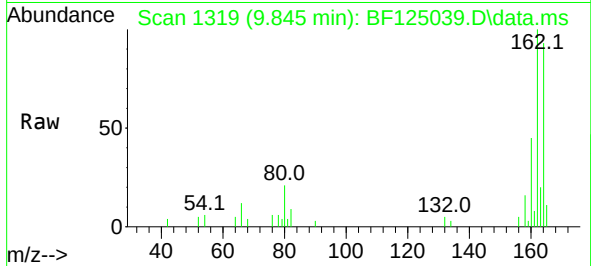




#51
2,6-Dinitrotoluene
Concen: 7.847 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

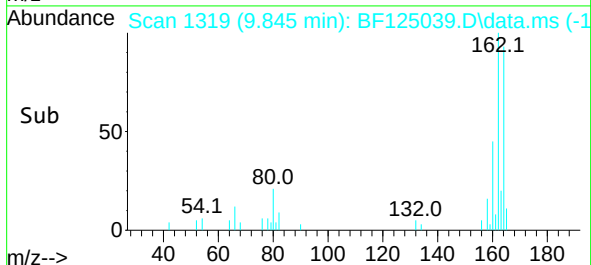
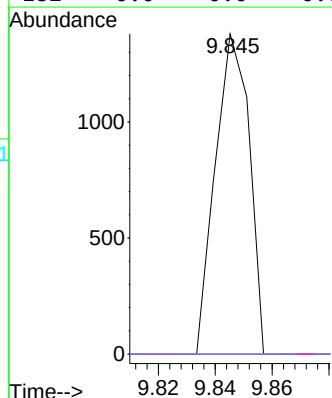
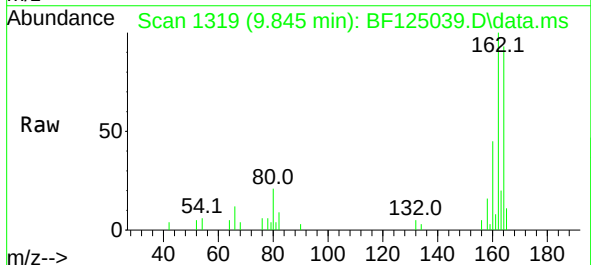
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BSY1-WC-S-10-14-0-10

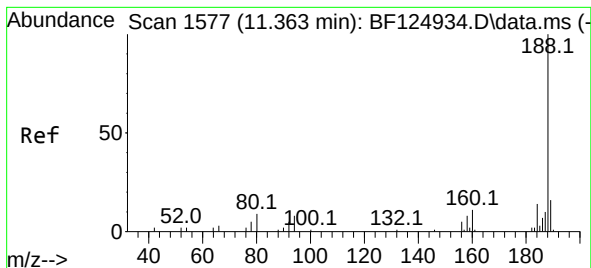
Tgt Ion:165 Resp: 1140
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.779 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Tgt Ion:165 Resp: 1140
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

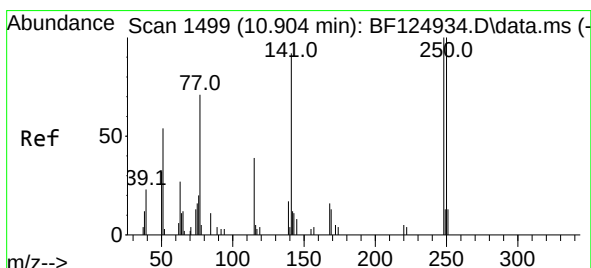
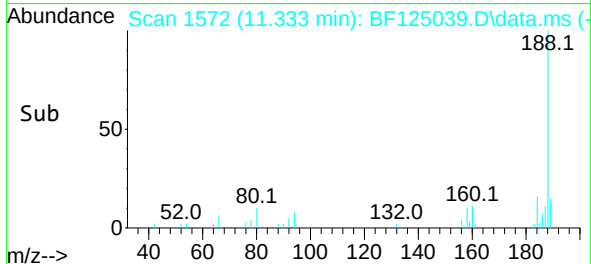
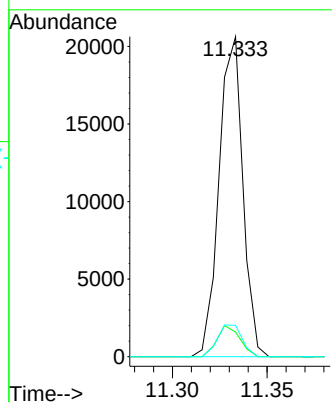
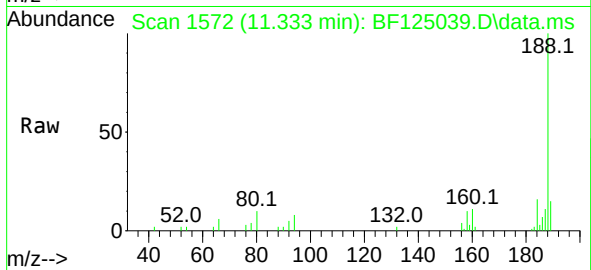




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

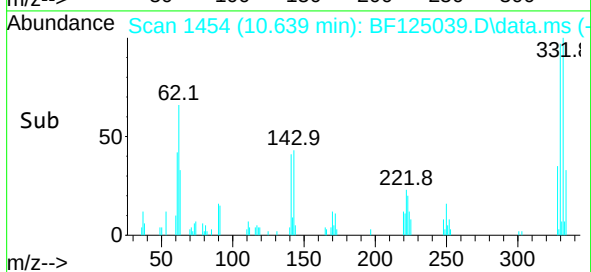
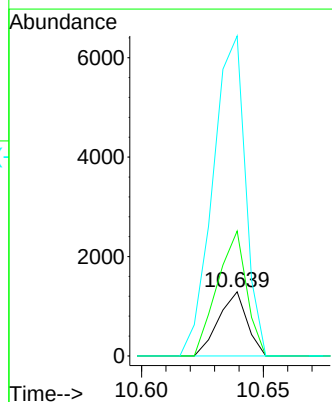
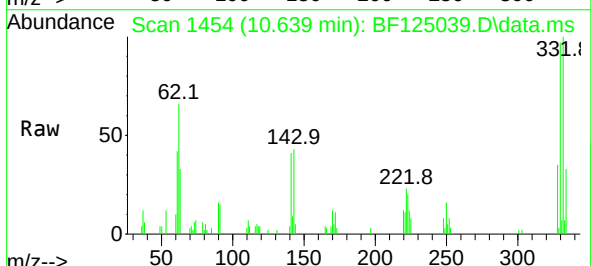
Instrument :
BNA_F
ClientSampleId :
BSY1-WC-S-10-14-0-10

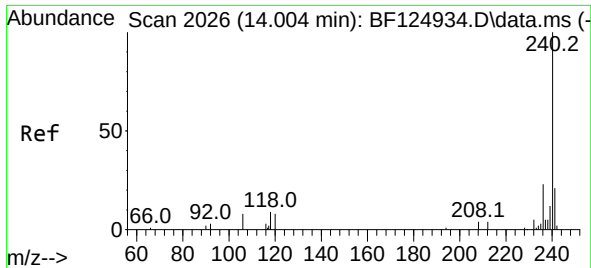
Tgt Ion:188 Resp: 18016
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.311 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

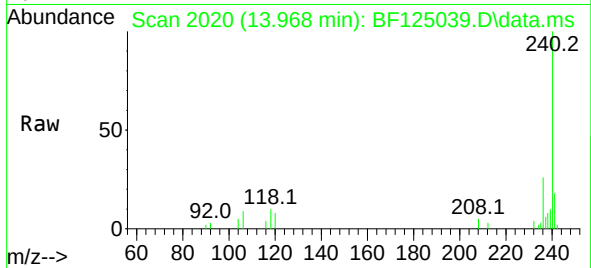
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Ion Ratio Lower Upper
248 100
250 255.4 74.2 111.4#
141 498.6 60.4 90.6#



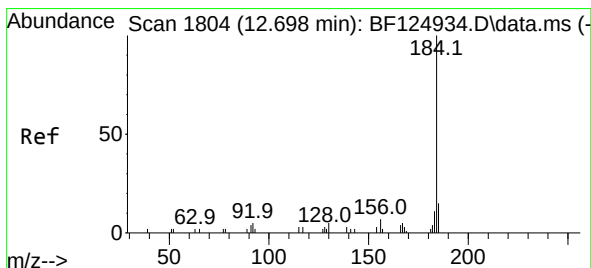
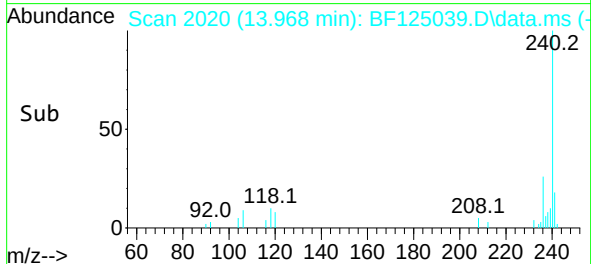
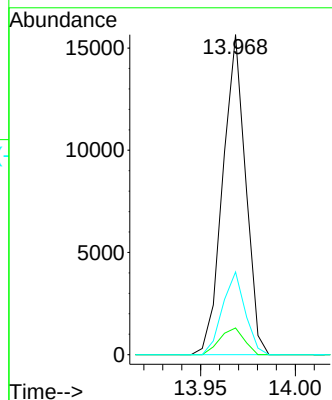


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Instrument :
BNA_F
ClientSampleId :
BSY1-WC-S-10-14-0-10

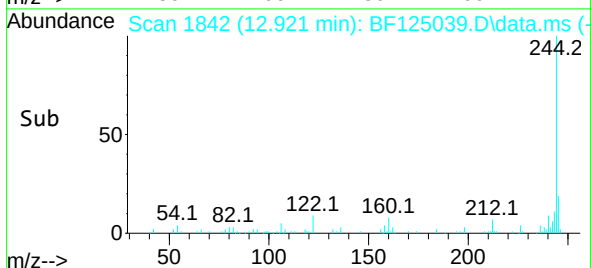
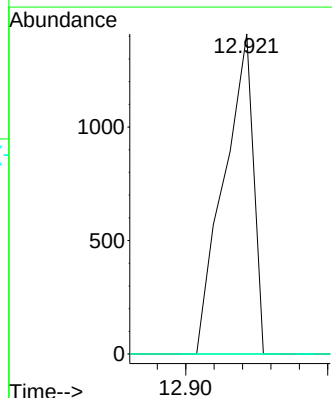
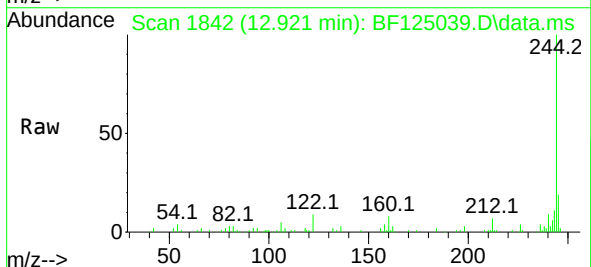


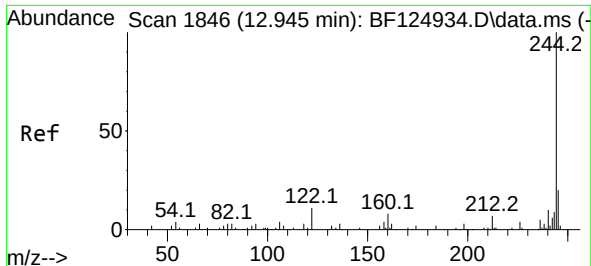
Tgt Ion:240 Resp: 13099
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 25.9 21.6 32.4



#77
Benzidine
Concen: 2.893 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

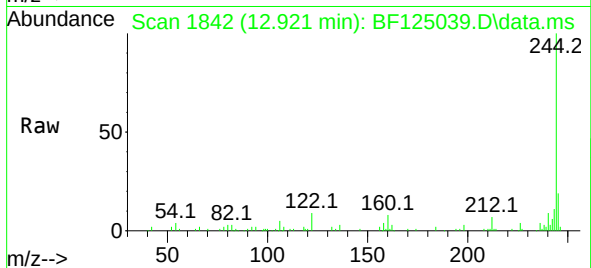
Tgt Ion:184 Resp: 1014
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



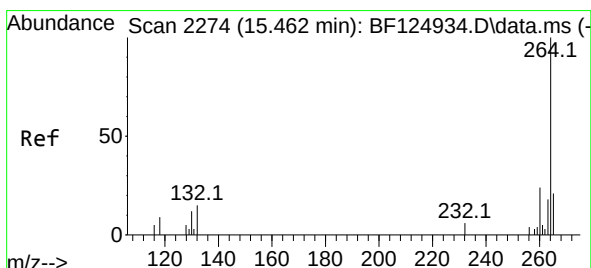
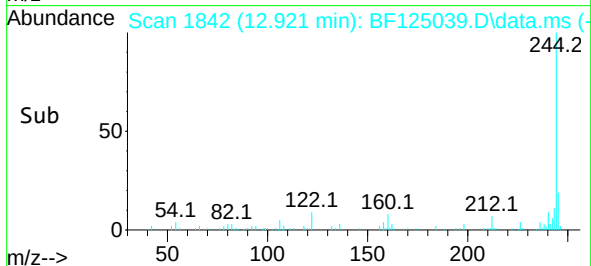
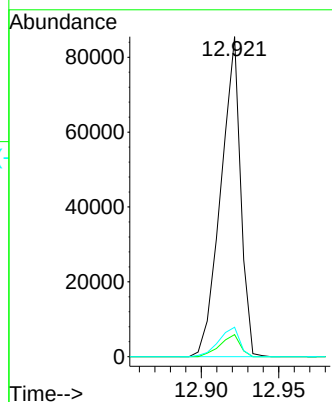


#79
Terphenyl-d14
Concen: 97.524 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Instrument :
BNA_F
ClientSampleId :
BSY1-WC-S-10-14-0-10



Tgt Ion:244 Resp: 75732
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF125039.D
Acq: 10 Aug 2021 19:59

Tgt Ion:264 Resp: 10399
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.5 17.2 25.8

