

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
 Data File : BF124892.D
 Acq On : 31 Jul 2021 14:52
 Operator : JU/CG
 Sample : M3223-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-11

Quant Time: Aug 02 02:34:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 02:31:45 2021
 Response via : Initial Calibration

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

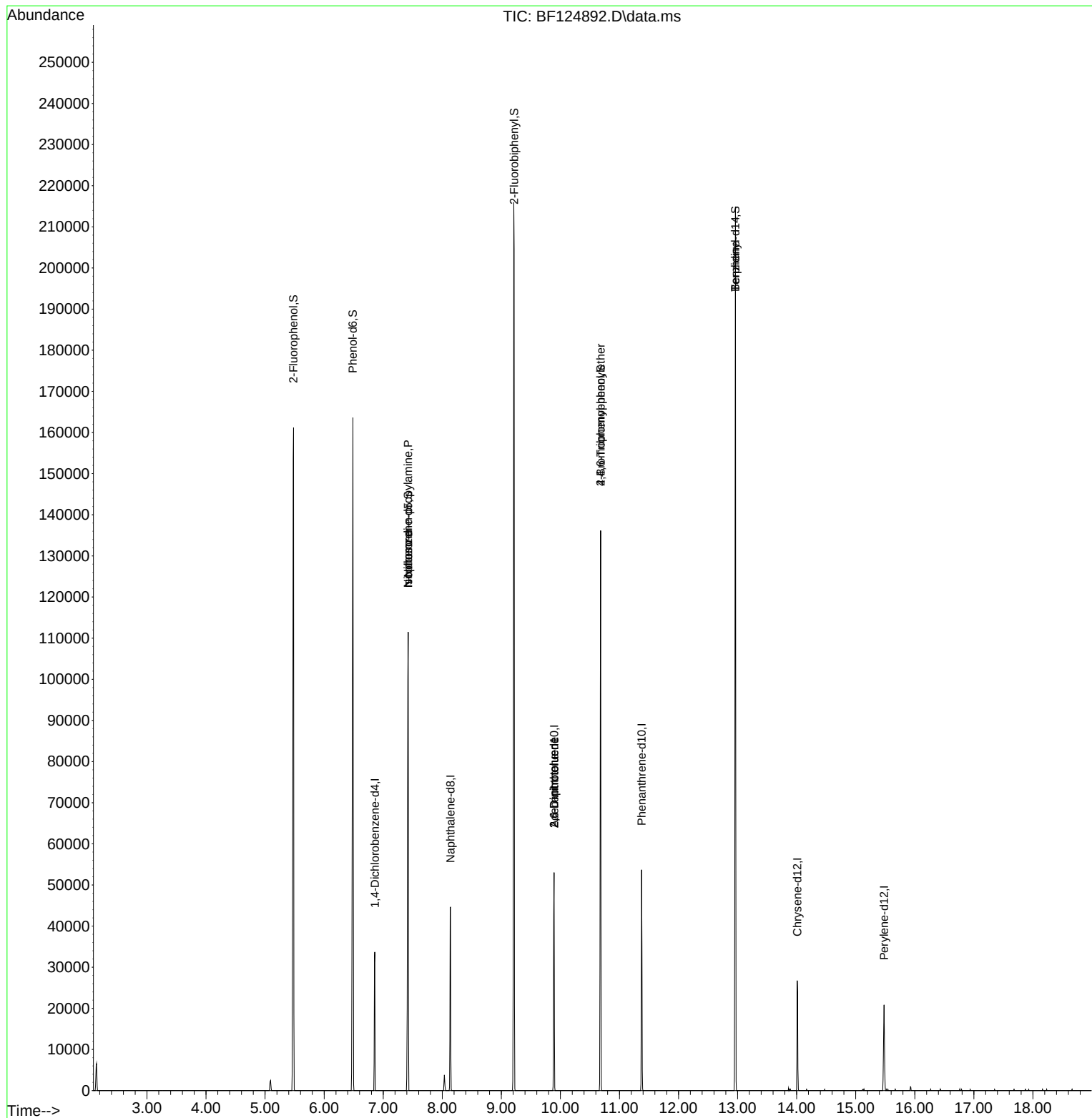
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	5057	20.000	ng	# 0.00
21) Naphthalene-d8	8.140	136	20775	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	11219	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	19616	20.000	ng	0.00
76) Chrysene-d12	14.010	240	10628	20.000	ng	-0.01
86) Perylene-d12	15.480	264	10898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	46137	154.474	ng	0.00
7) Phenol-d6	6.487	99	53725	143.484	ng	0.00
23) Nitrobenzene-d5	7.422	82	36194	103.691	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	13116	136.163	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	70426	92.199	ng	0.00
79) Terphenyl-d14	12.963	244	65380	105.449	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	4548	22.747	ng	# 74
25) Isophorone	7.422	82	35644	57.751	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1366	8.004	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1366	5.898	ng	# 18
67) 4-Bromophenyl-phenylether	10.681	248	963	4.629	ng	# 1
77) Benzidine	12.963	184	861	2.873	ng	# 69

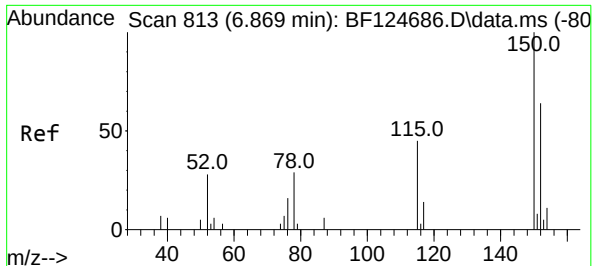
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BACKFILL-ASHCROFT-REAR-11

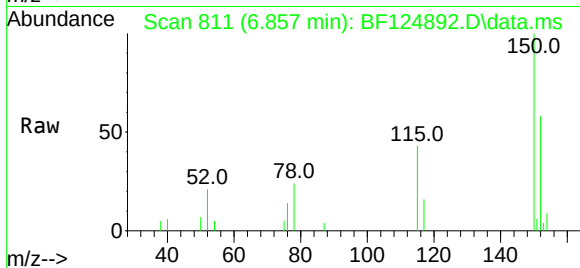
Quant Time: Aug 02 02:34:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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QLast Update : Mon Aug 02 02:31:45 2021
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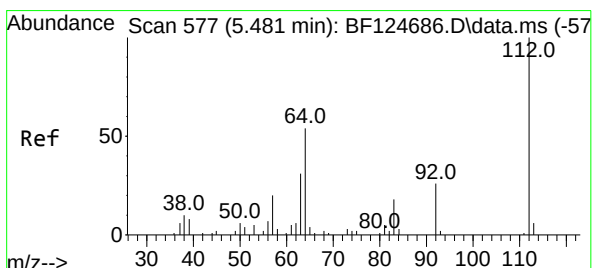
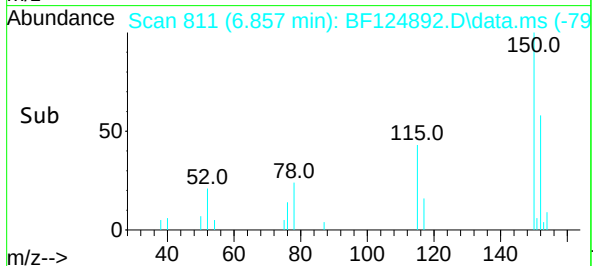
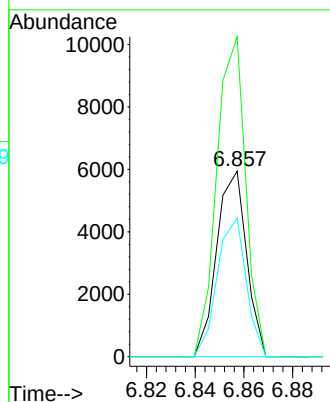


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

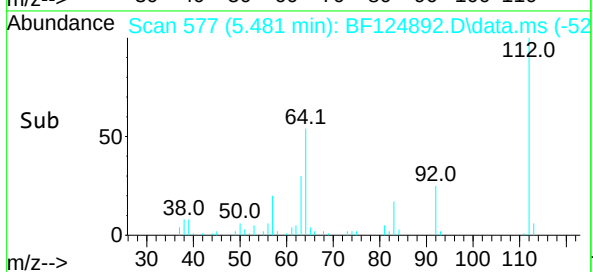
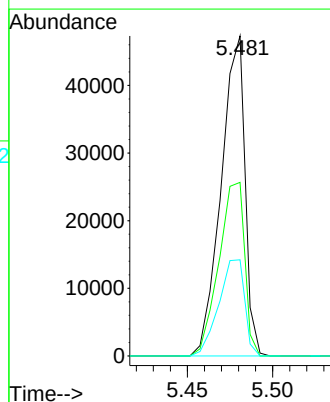
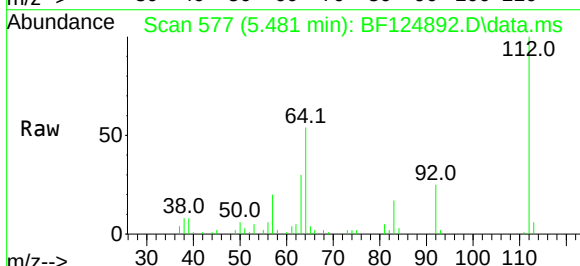


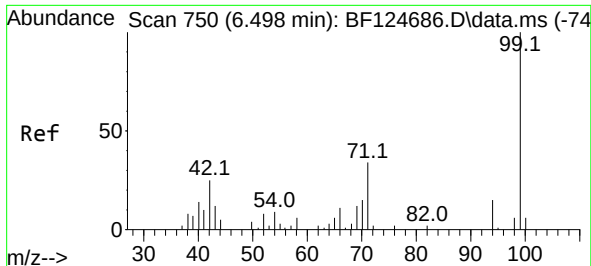
Tgt Ion:152 Resp: 5057
Ion Ratio Lower Upper
152 100
150 172.3 117.6 176.4
115 74.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 154.474 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion:112 Resp: 46137
Ion Ratio Lower Upper
112 100
64 54.3 44.2 66.2
63 30.1 26.2 39.2

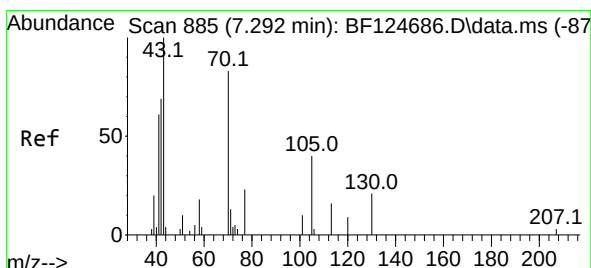
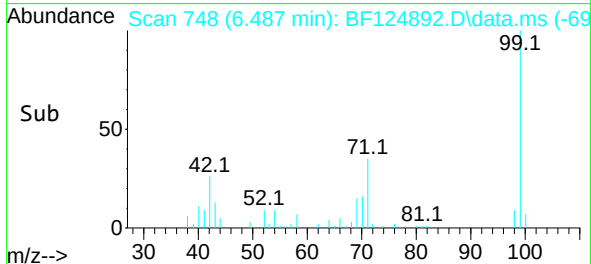
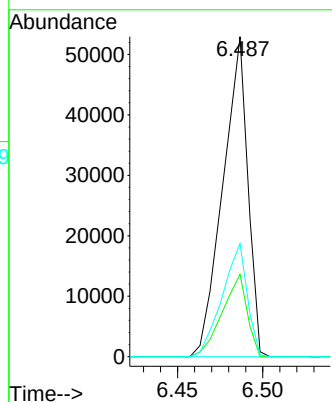
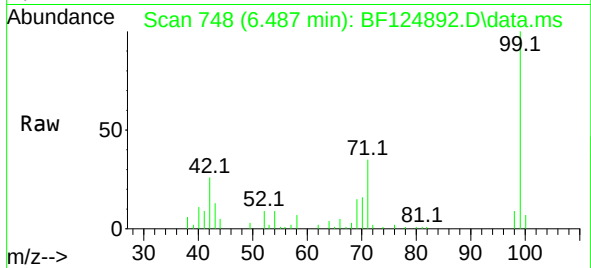




#7
Phenol-d6
Concen: 143.484 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

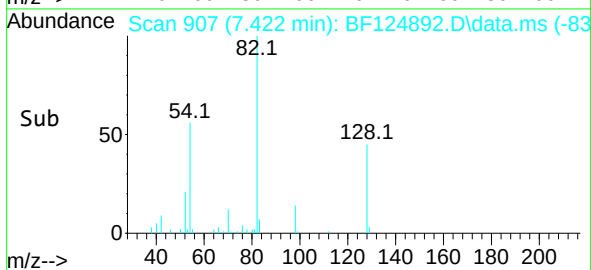
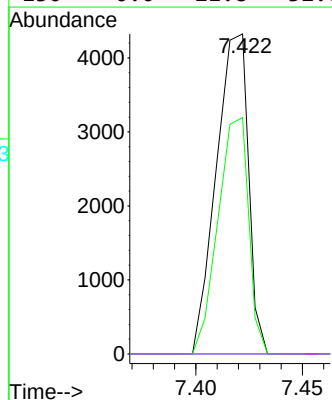
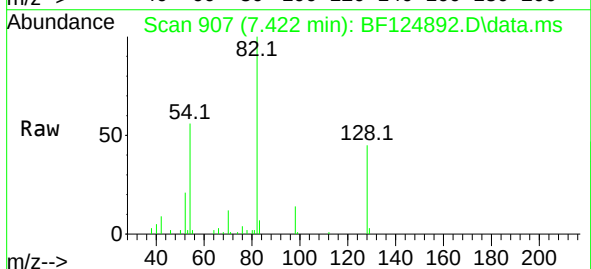
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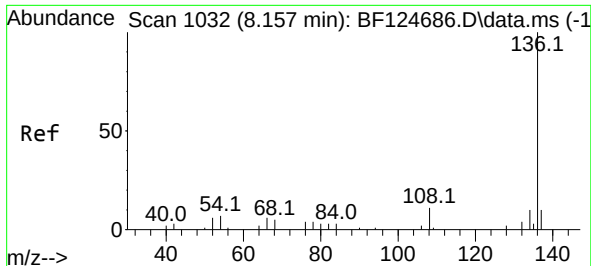
Tgt Ion:	99	Resp:	53725
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	35.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.747 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion:	70	Resp:	4548
Ion	Ratio	Lower	Upper
70	100		
42	73.9	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

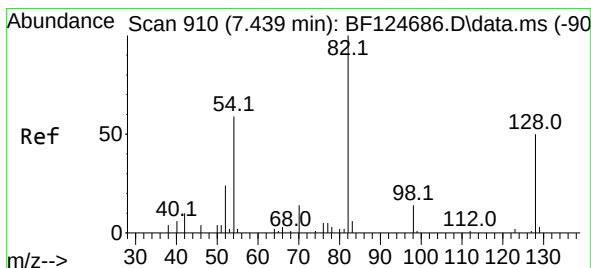
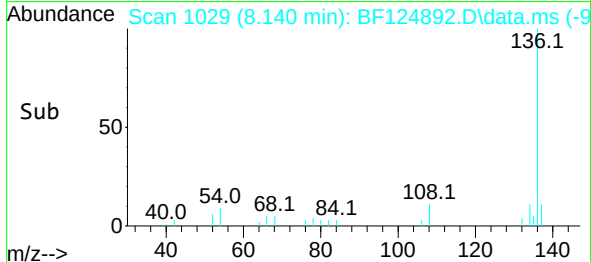
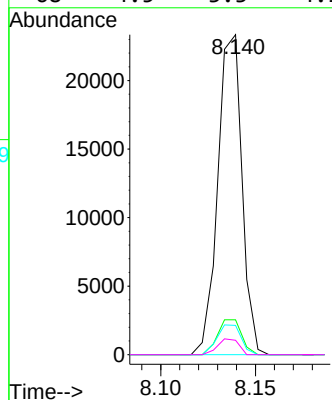
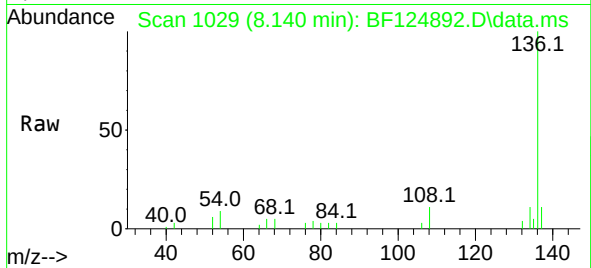




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

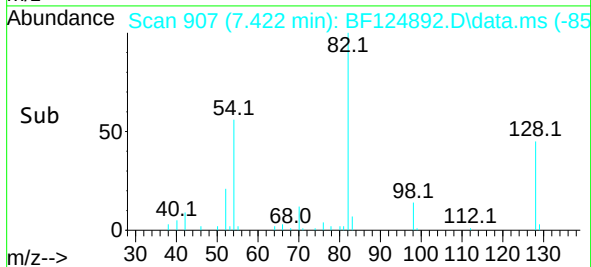
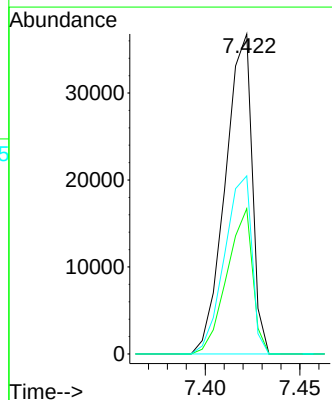
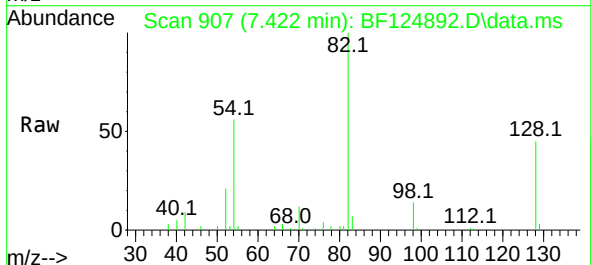
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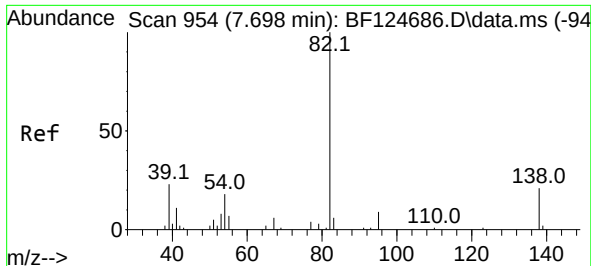
Tgt Ion:136	Resp:	20775
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.6
54	9.2	6.4 9.6
68	4.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 103.691 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion: 82	Resp:	36194
Ion Ratio	Lower	Upper
82	100	
128	45.4	40.6 60.8
54	55.7	49.6 74.4

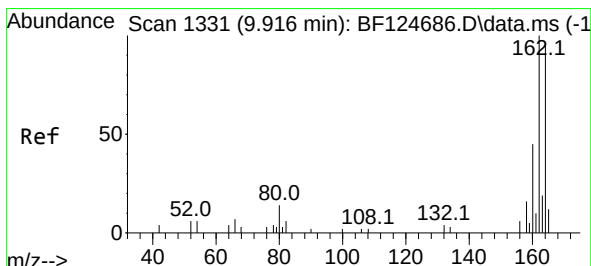
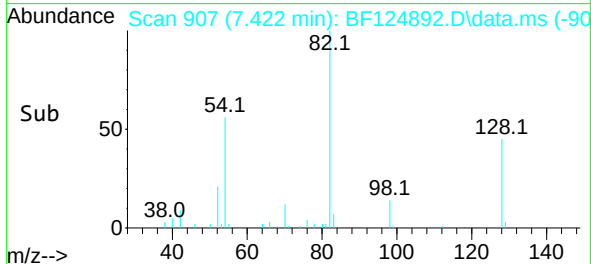
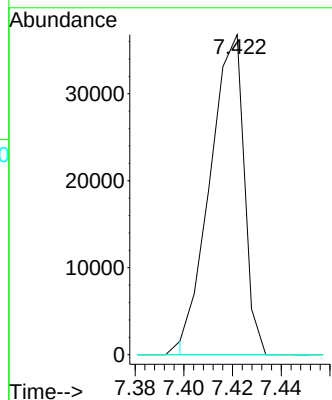
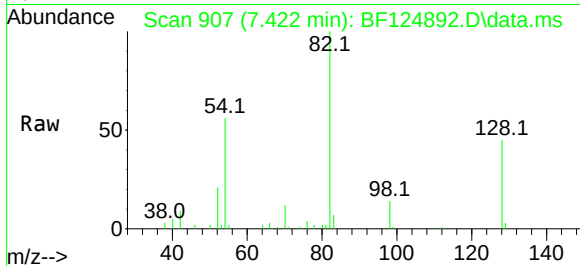




#25
Isophorone
Concen: 57.751 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

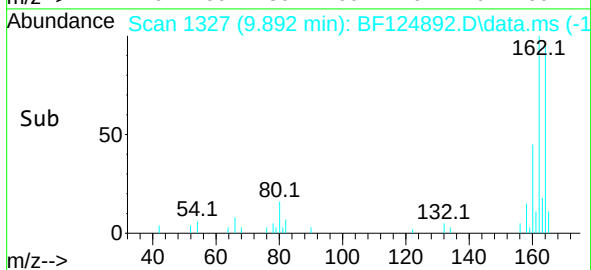
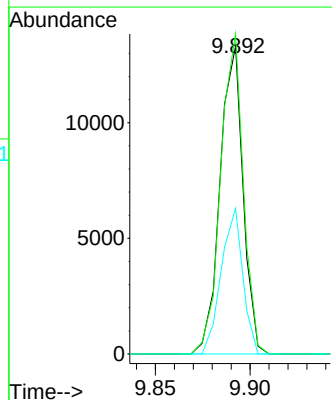
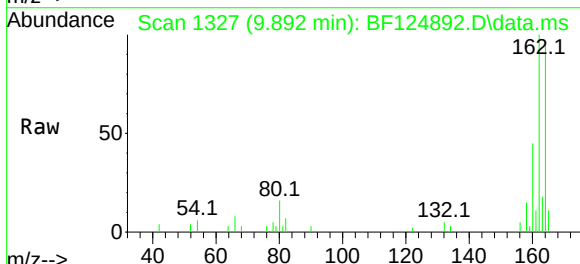
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ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

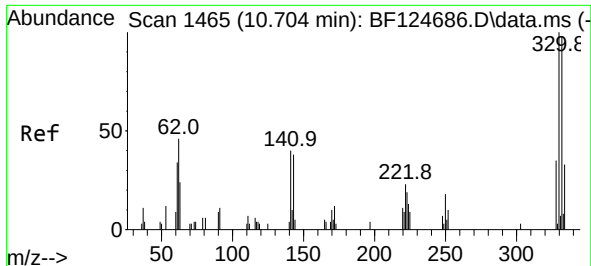
Tgt Ion: 82 Resp: 35644
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

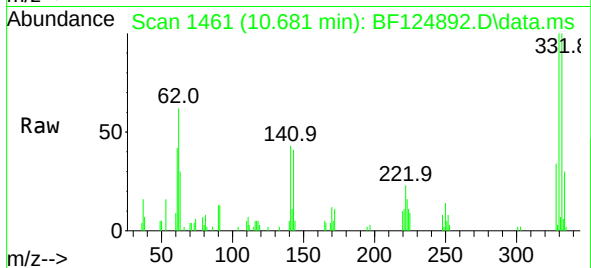
Tgt Ion: 164 Resp: 11219
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 47.3 38.0 57.0



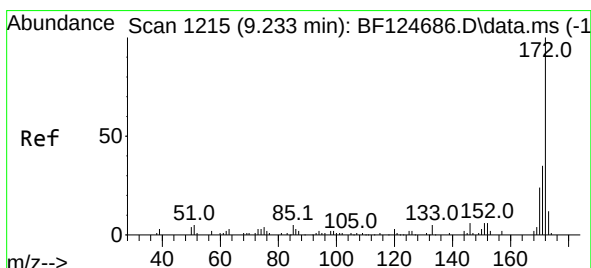
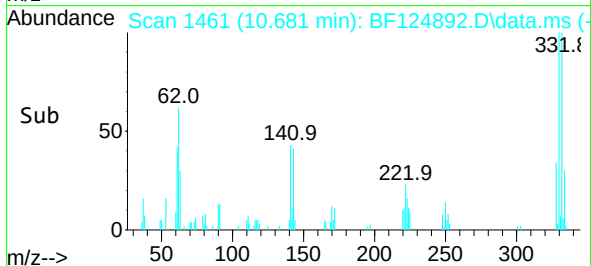
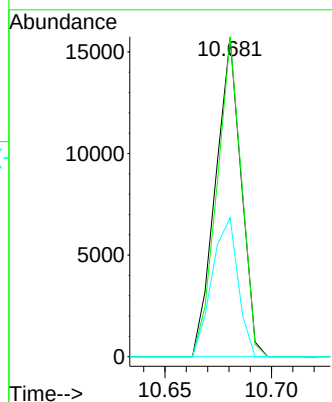


#42
2,4,6-Tribromophenol
Concen: 136.163 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

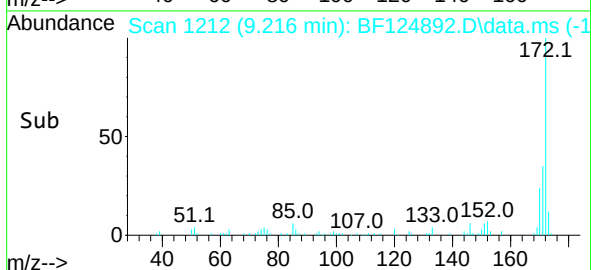
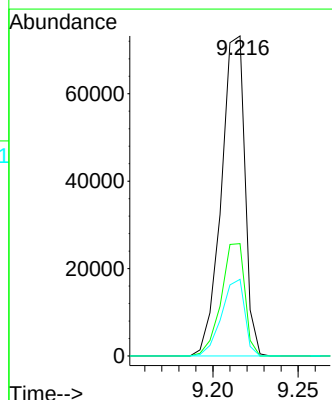
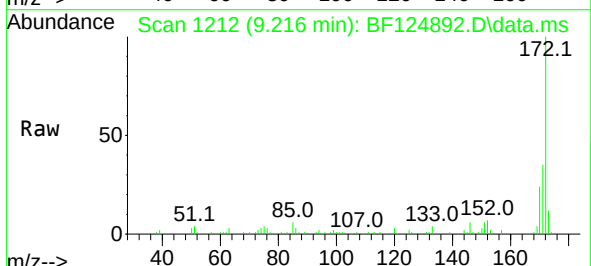


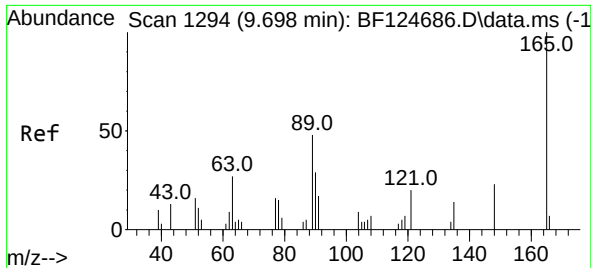
Tgt Ion: 330 Resp: 13116
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 44.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 92.199 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion: 172 Resp: 70426
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.0 18.8 28.2

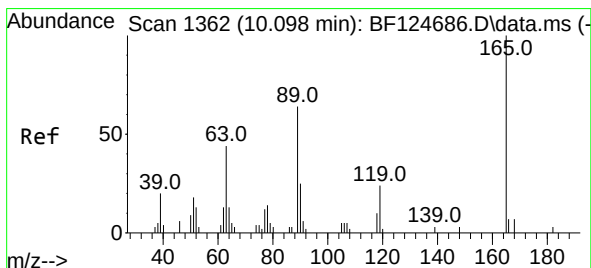
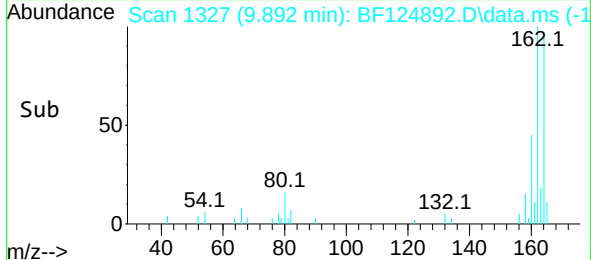
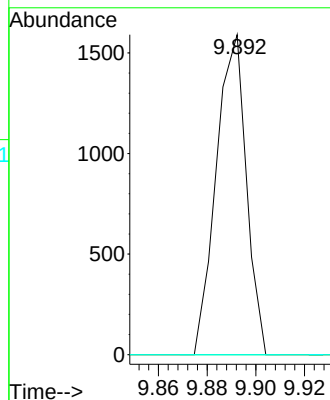
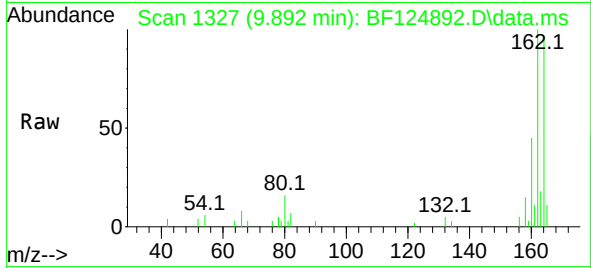




#51
2,6-Dinitrotoluene
Concen: 8.004 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

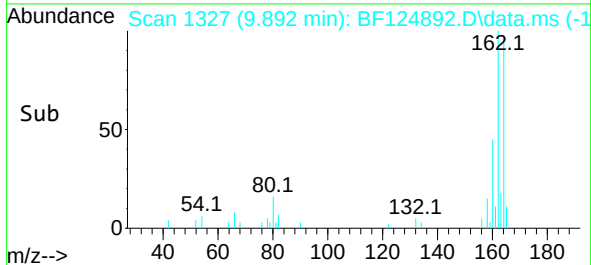
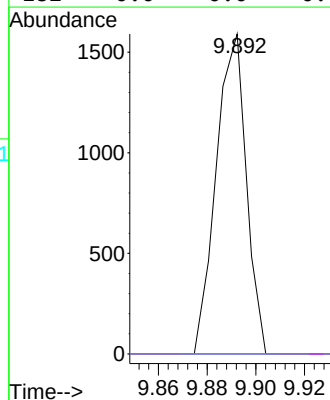
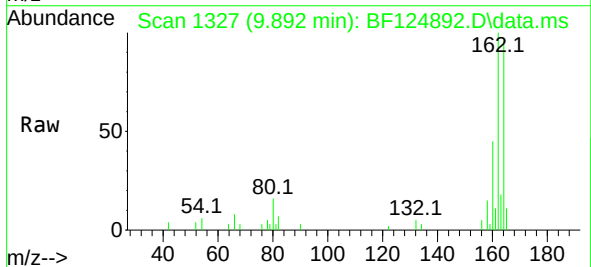
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BACKFILL-ASHCROFT-REAR-11

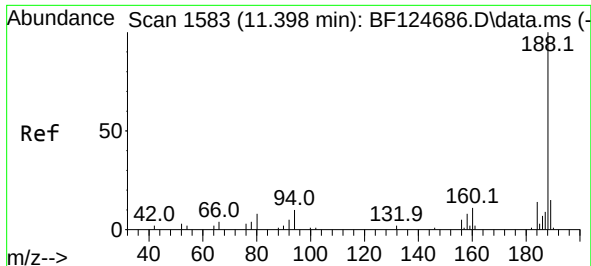
Tgt Ion:165 Resp: 1366
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.898 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion:165 Resp: 1366
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

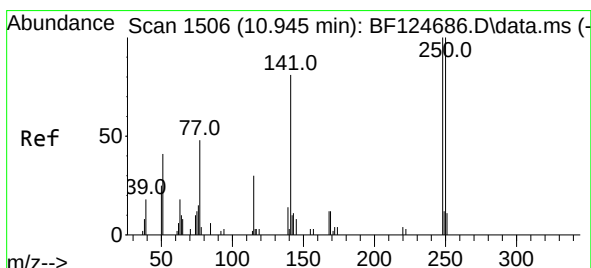
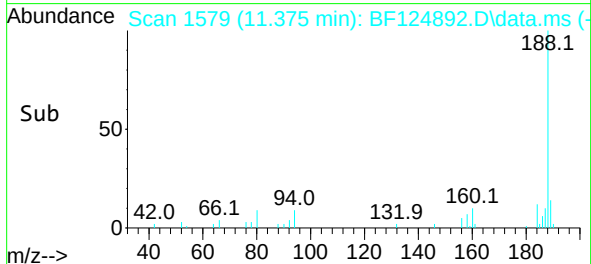
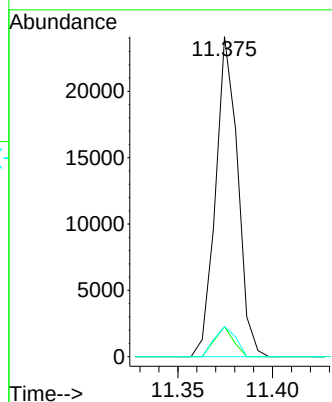
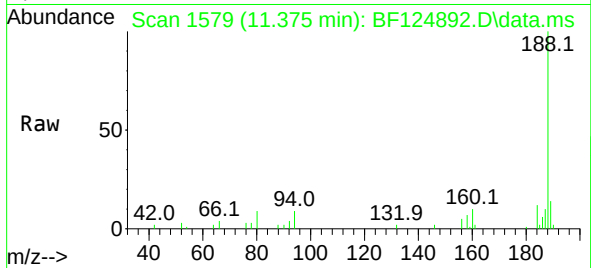




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

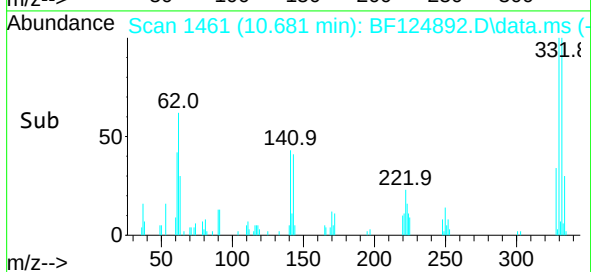
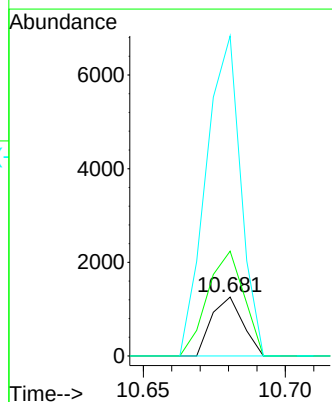
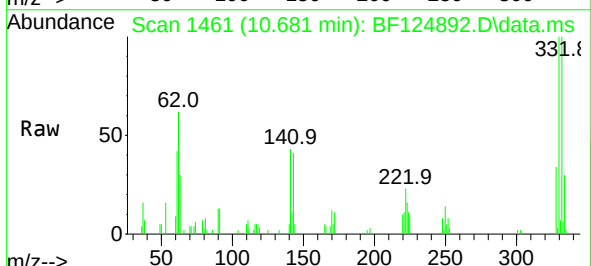
Instrument :
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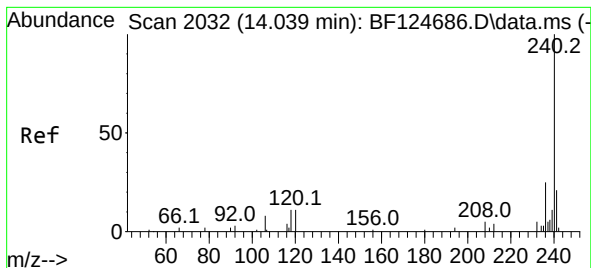
Tgt Ion:188 Resp: 19616
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.629 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

Tgt Ion:248 Resp: 963
Ion Ratio Lower Upper
248 100
250 177.8 74.2 111.4#
141 542.9 60.4 90.6#

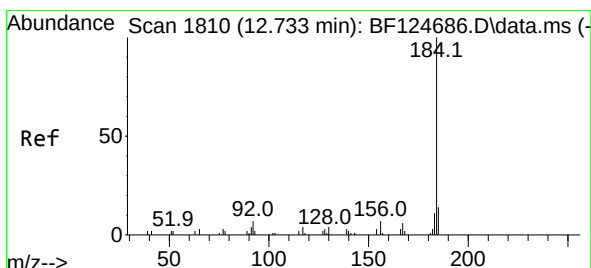
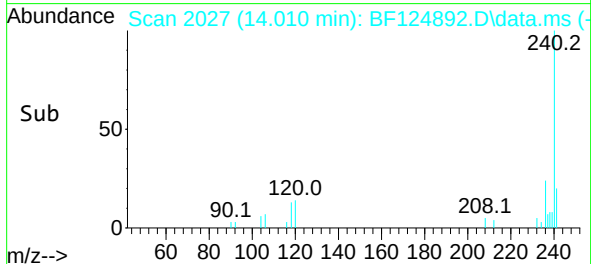
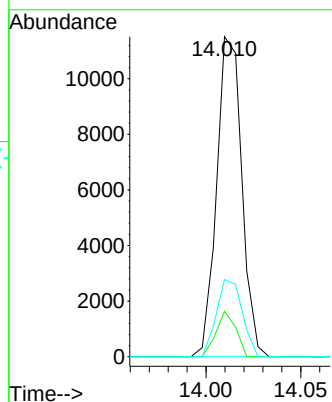
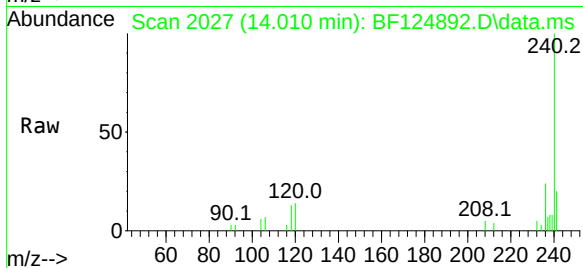




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

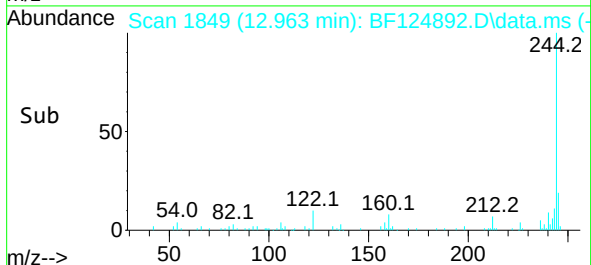
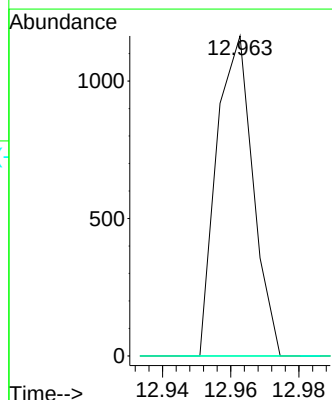
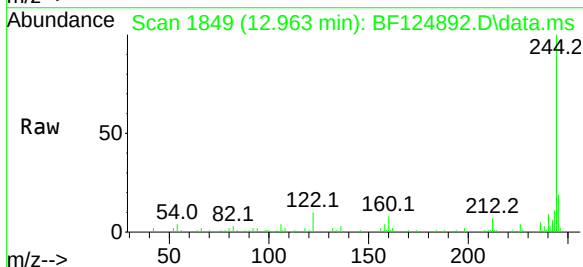
Instrument :
BNA_F
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

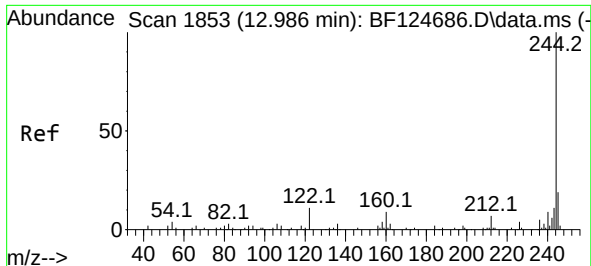
Tgt Ion:240 Resp: 10628
Ion Ratio Lower Upper
240 100
120 14.2 10.8 16.2
236 24.1 21.6 32.4



#77
Benzidine
Concen: 2.873 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.247 min
Lab File: BF124892.D
Acq: 31 Jul 2021 14:52

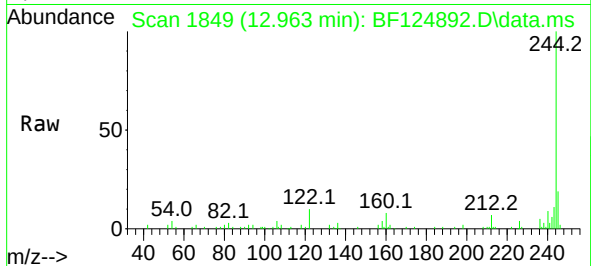
Tgt Ion:184 Resp: 861
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



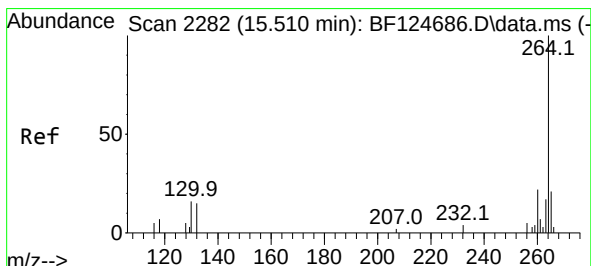
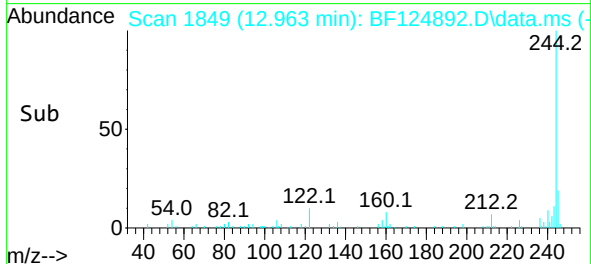
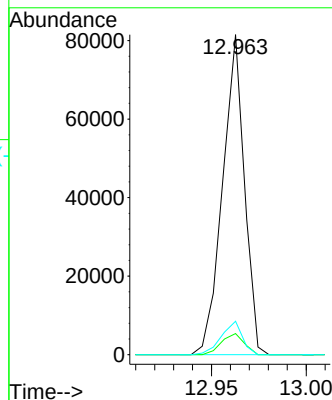


#79
 Terphenyl-d14
 Concen: 105.449 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF124892.D
 Acq: 31 Jul 2021 14:52

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-11



Tgt Ion:244 Resp: 65380
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF124892.D
 Acq: 31 Jul 2021 14:52

Tgt Ion:264 Resp: 10898
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 21.7 17.2 25.8

