

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124461.D
 Acq On : 25 Jun 2021 20:17
 Operator : JU/CG
 Sample : M2829-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15B-STOCKPILE-3A

Quant Time: Jun 26 02:42:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

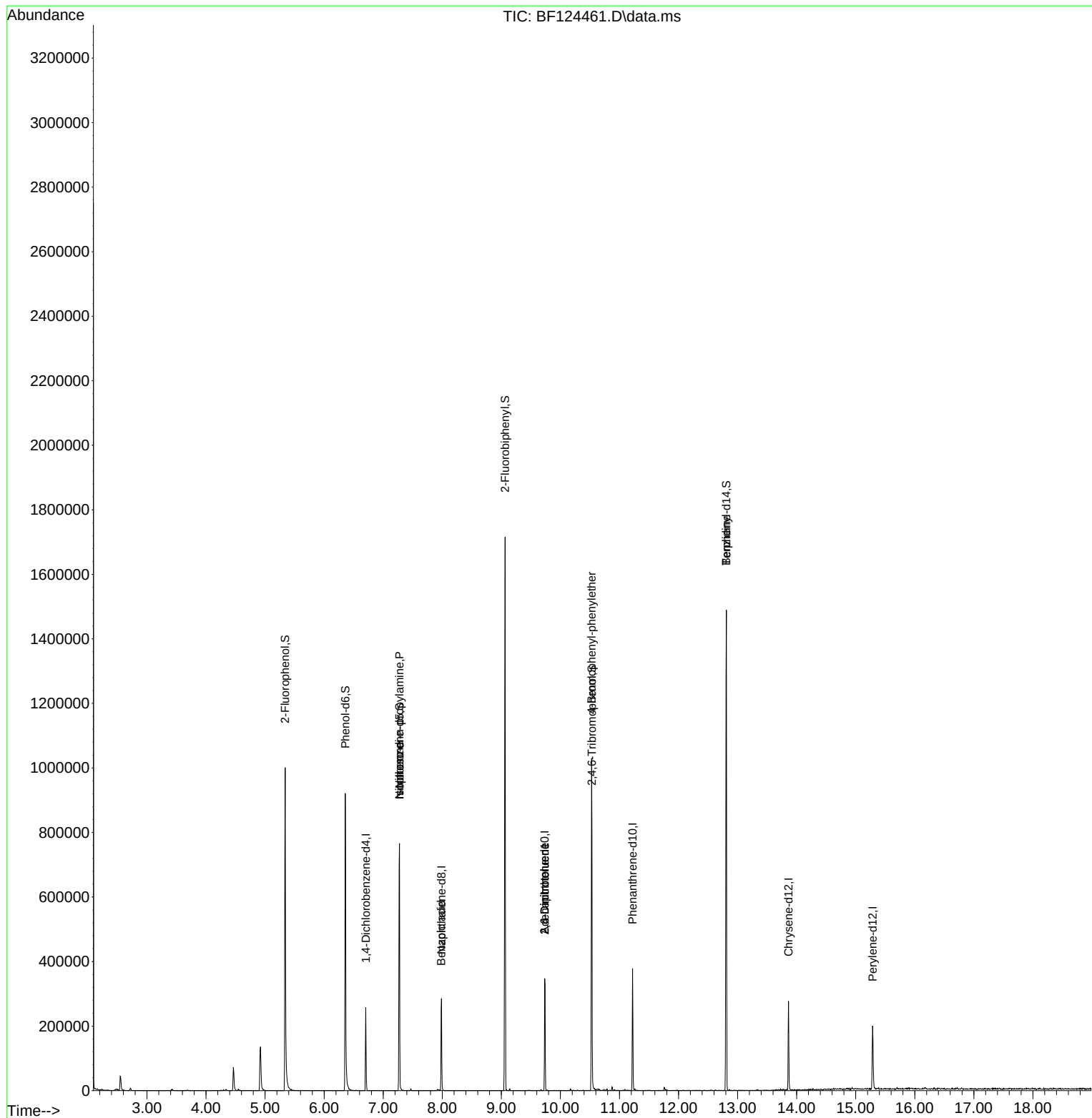
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	32514	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	118790	20.000	ng	# 0.00
39) Acenaphthene-d10	9.733	164	69793	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	122737	20.000	ng	# 0.00
76) Chrysene-d12	13.863	240	85539	20.000	ng	0.00
86) Perylene-d12	15.286	264	84736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	245250	118.626	ng	0.01
7) Phenol-d6	6.357	99	273186	101.202	ng	0.00
23) Nitrobenzene-d5	7.275	82	238509	83.249	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	110255	132.225	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	471896	82.826	ng	0.00
79) Terphenyl-d14	12.810	244	463842	81.219	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	35324	19.458	ng	# 56
25) Isophorone	7.275	82	238506	48.421	ng	# 69
32) Benzoic acid	7.981	122	108	7.273	ng	# 7
51) 2,6-Dinitrotoluene	9.733	165	9242	7.271	ng	# 10
57) 2,4-Dinitrotoluene	9.733	165	9242	5.485	ng	# 15
67) 4-Bromophenyl-phenylether	10.528	248	7062	4.277	ng	# 1
77) Benzidine	12.810	184	7049	4.112	ng	# 85

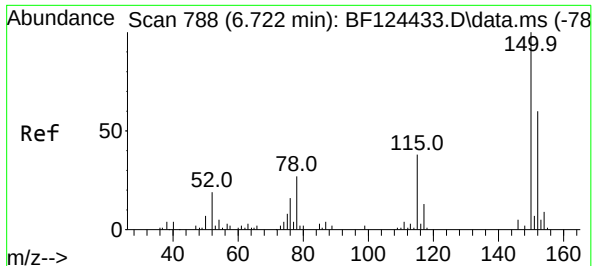
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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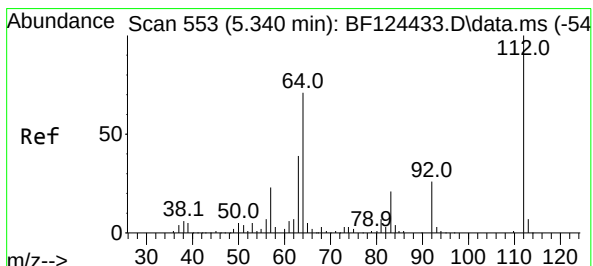
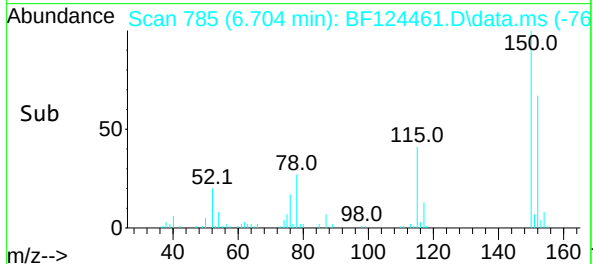
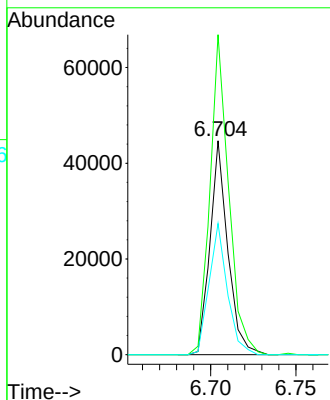
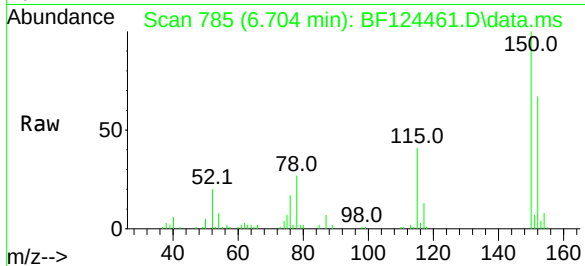




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

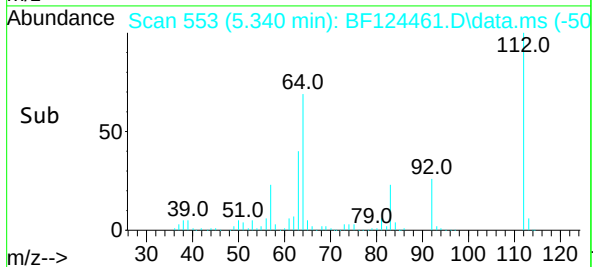
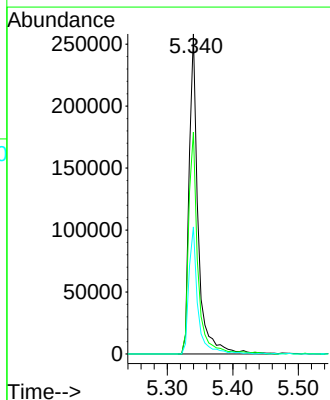
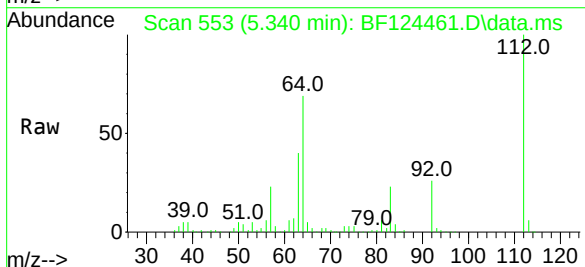
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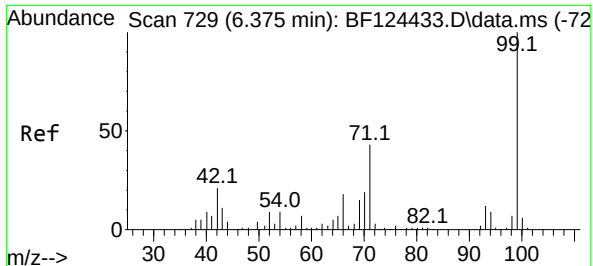
Tgt Ion:152 Resp: 32514
Ion Ratio Lower Upper
152 100
150 149.6 127.0 190.6
115 61.3 54.3 81.5



#5
2-Fluorophenol
Concen: 118.626 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Tgt Ion:112 Resp: 245250
Ion Ratio Lower Upper
112 100
64 69.3 61.4 92.0
63 39.7 33.0 49.4

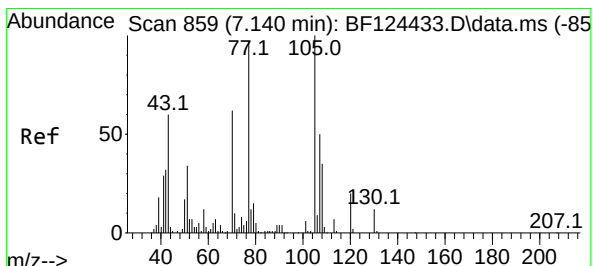
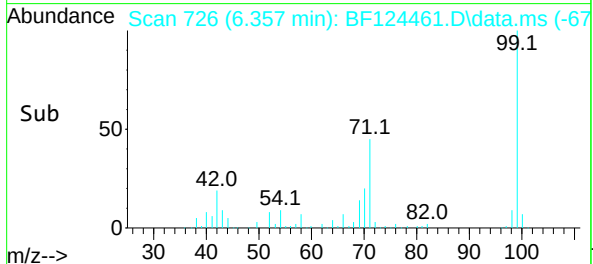
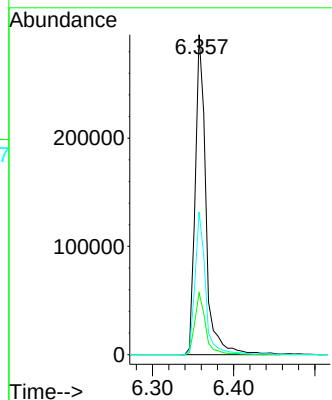
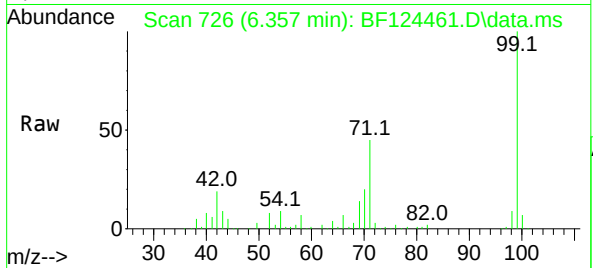




#7
Phenol-d6
Concen: 101.202 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

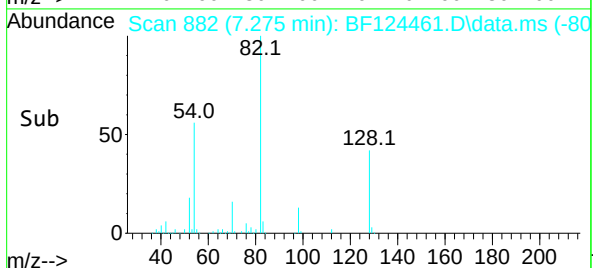
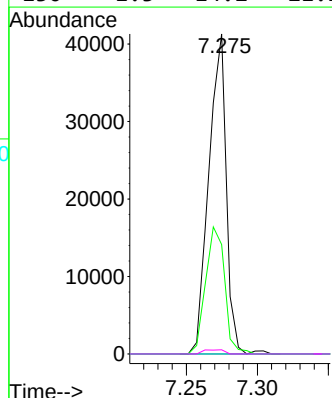
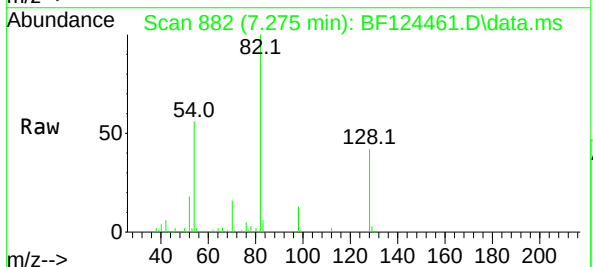
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3A

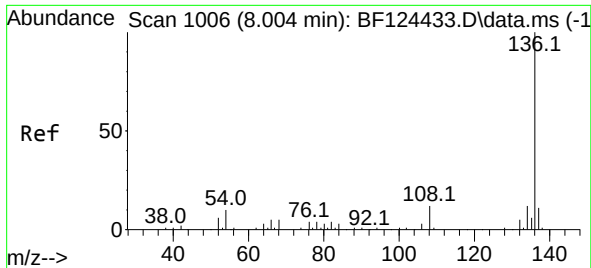
Tgt Ion: 99 Resp: 273186
Ion Ratio Lower Upper
99 100
42 19.3 19.8 29.8#
71 44.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.458 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

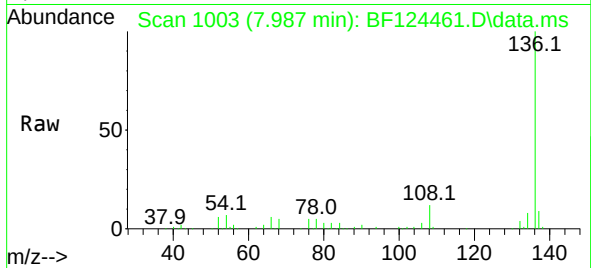
Tgt Ion: 70 Resp: 35324
Ion Ratio Lower Upper
70 100
42 34.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



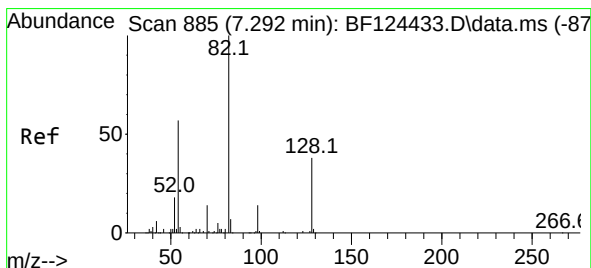
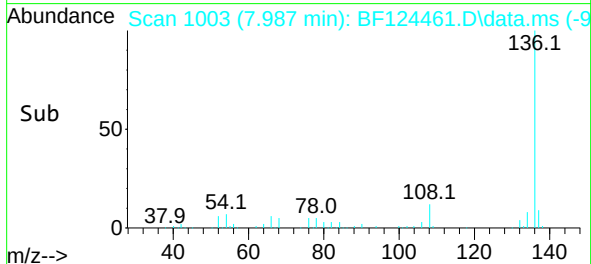
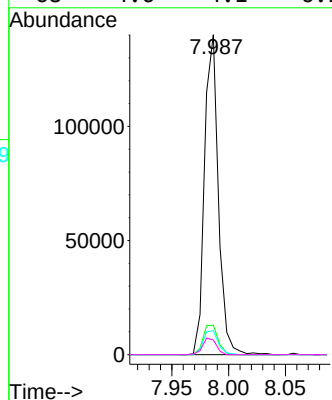


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3A

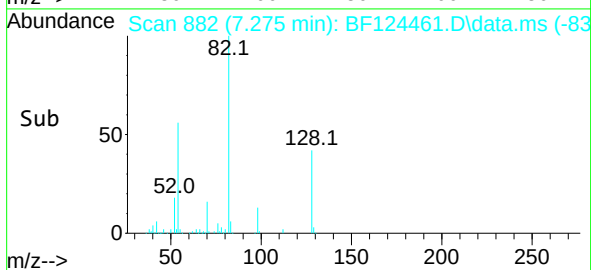
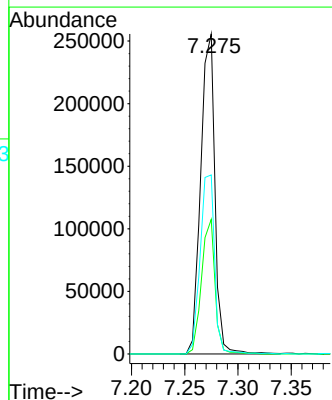
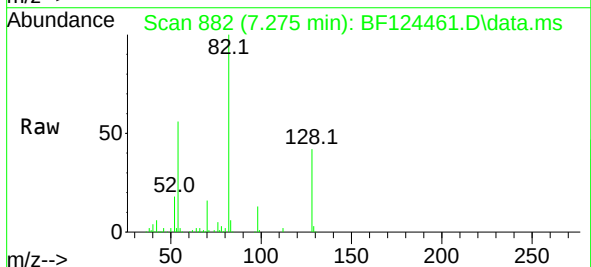


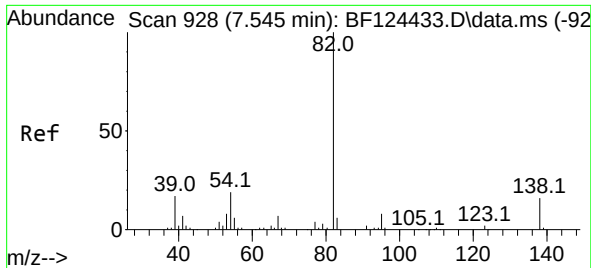
Tgt Ion:136 Resp: 118790
Ion Ratio Lower Upper
136 100
137 9.2 8.7 13.1
54 7.5 9.8 14.6#
68 4.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.249 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Tgt Ion: 82 Resp: 238509
Ion Ratio Lower Upper
82 100
128 42.0 29.4 44.2
54 55.9 54.1 81.1

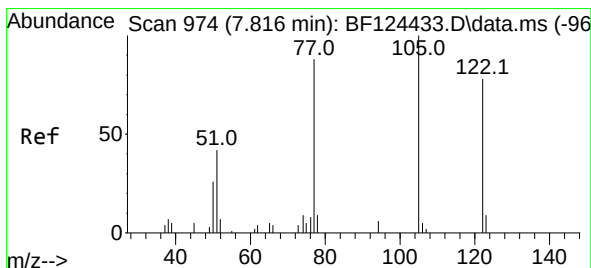
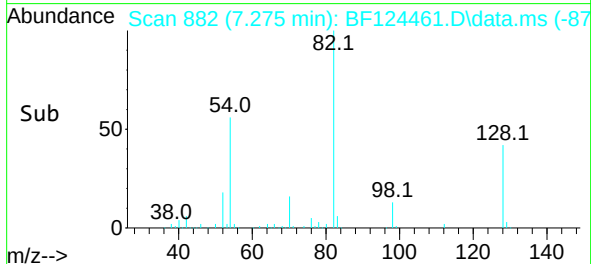
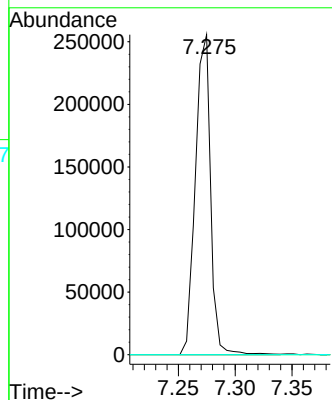
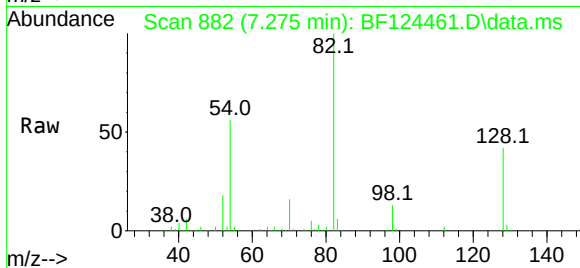




#25
Isophorone
Concen: 48.421 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.259 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

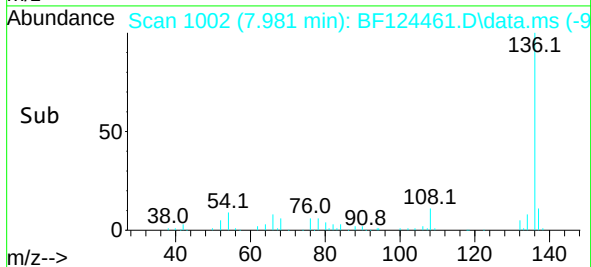
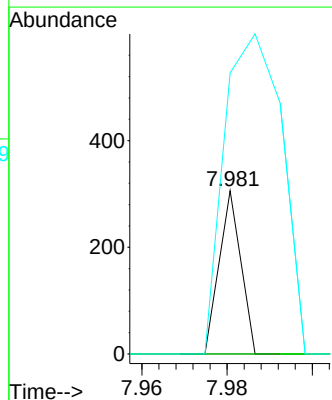
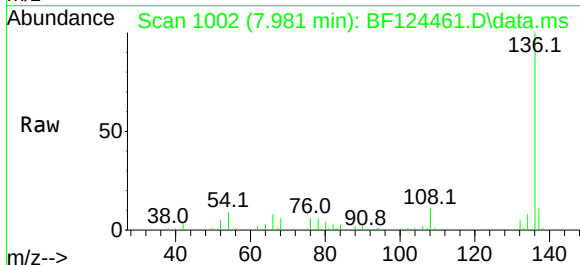
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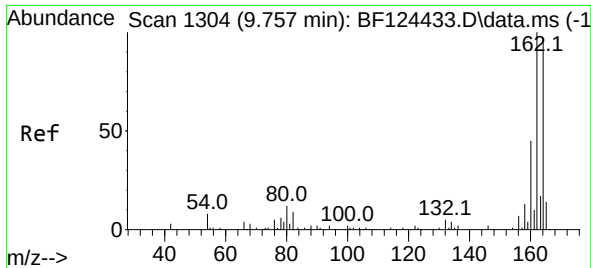
Tgt Ion: 82 Resp: 238506
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 7.273 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.177 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 172.2 81.6 121.6#

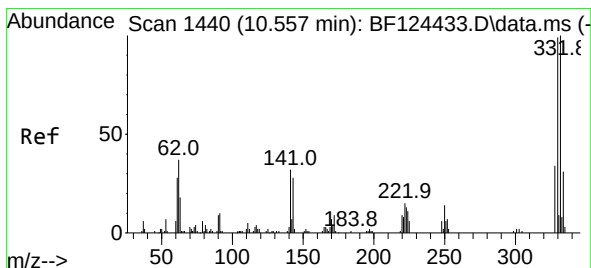
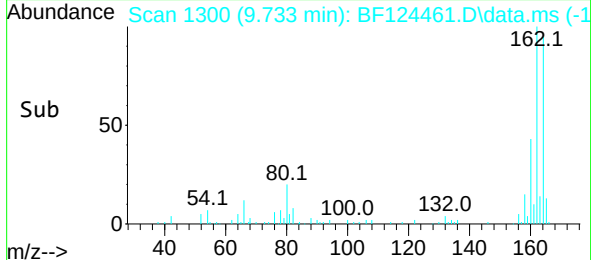
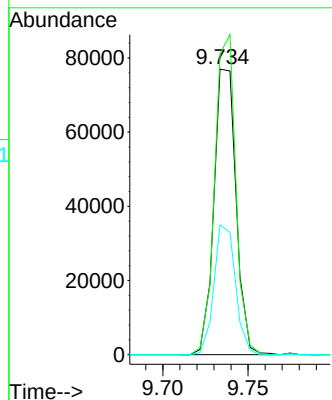
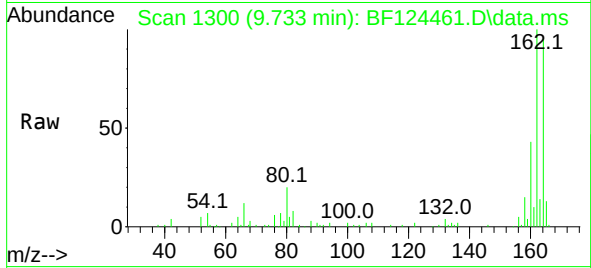




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

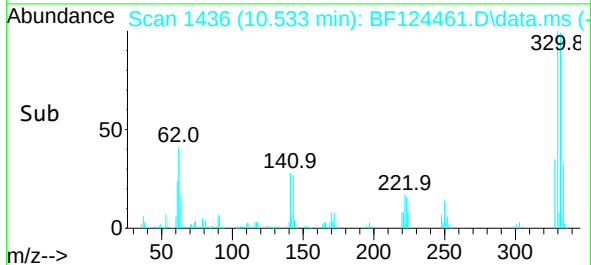
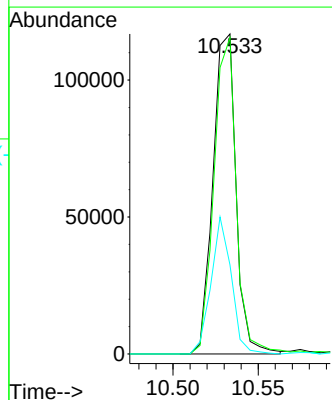
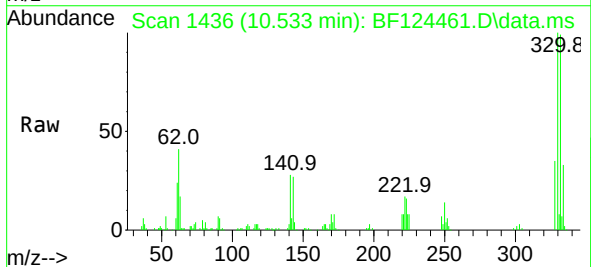
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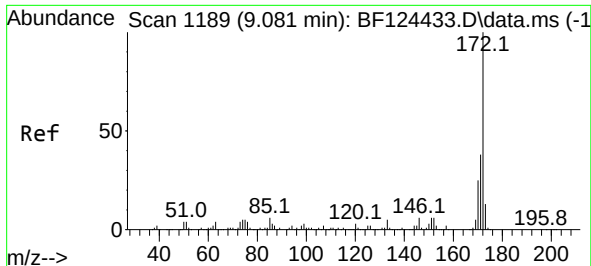
Tgt Ion:164 Resp: 69793
Ion Ratio Lower Upper
164 100
162 105.3 80.7 121.1
160 45.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 132.225 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

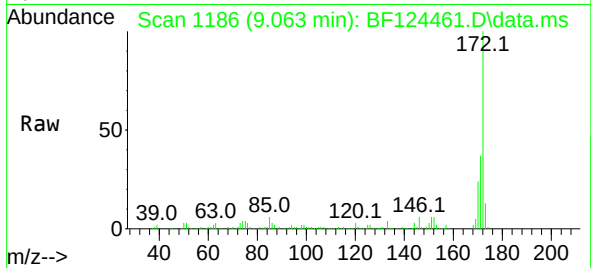
Tgt Ion:330 Resp: 110255
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 37.7 27.9 41.9



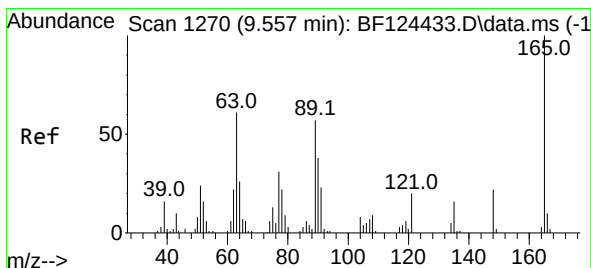
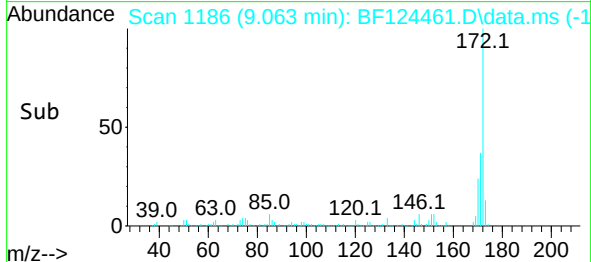
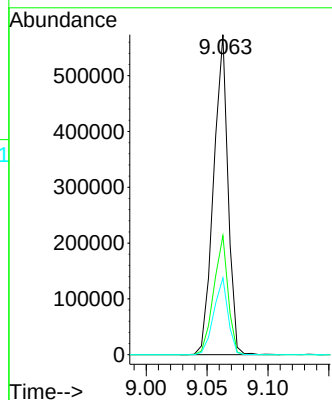


#45
2-Fluorobiphenyl
Concen: 82.826 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3A

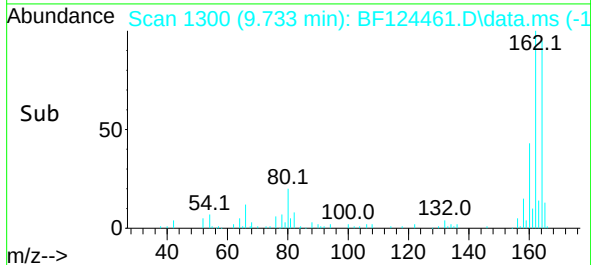
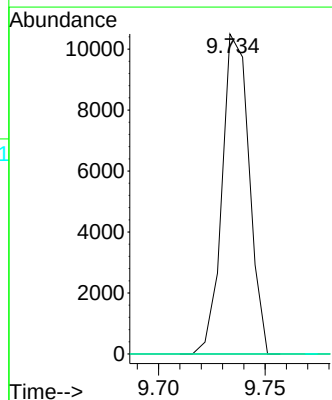
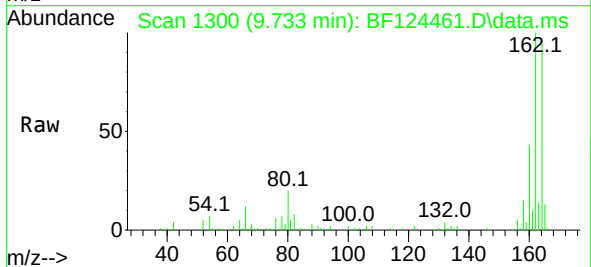


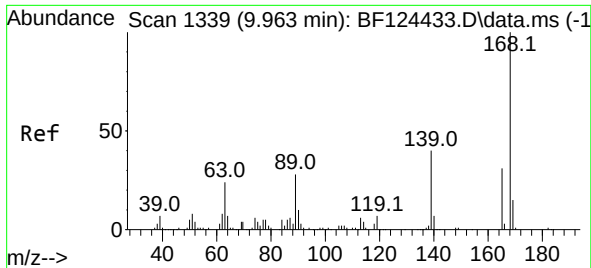
Tgt Ion:172 Resp: 471896
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.271 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.194 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

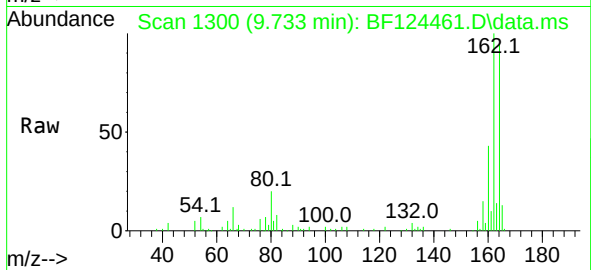
Tgt Ion:165 Resp: 9242
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



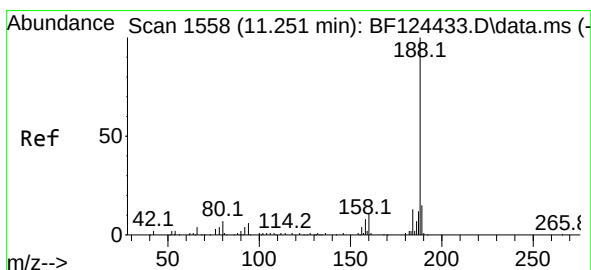
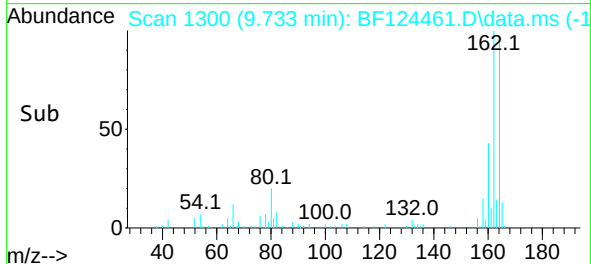
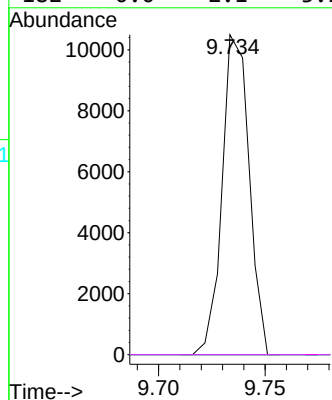


#57
2,4-Dinitrotoluene
Concen: 5.485 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.212 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Instrument :
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ClientSampleId :
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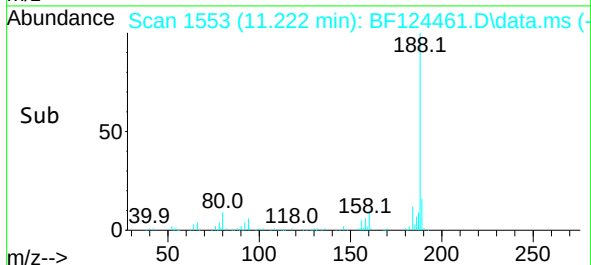
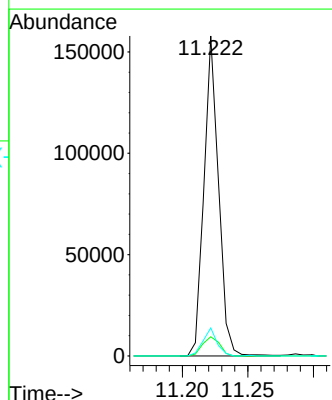
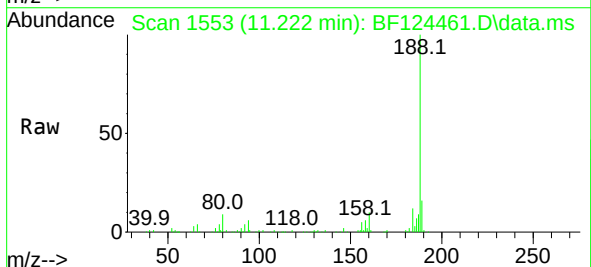


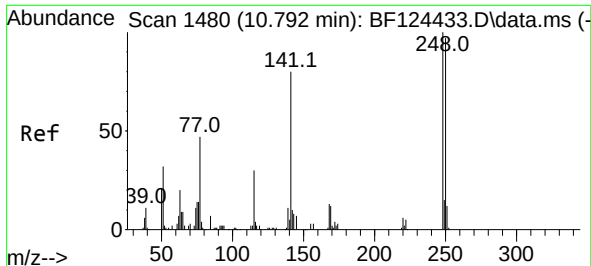
Tgt Ion:165 Resp: 9242
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

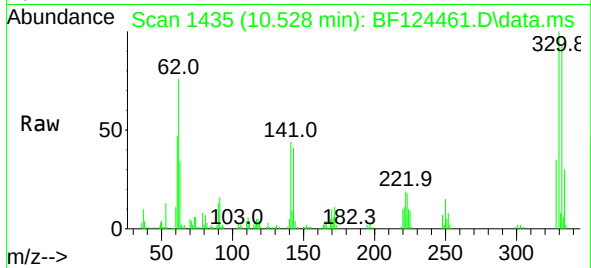
Tgt Ion:188 Resp: 122737
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 8.8 8.2 12.2



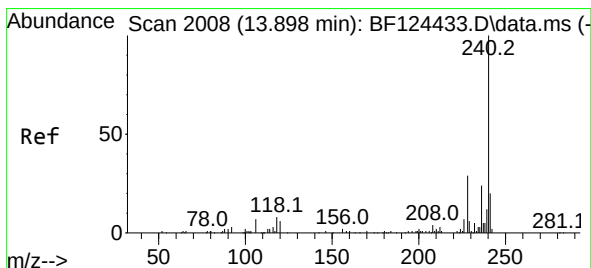
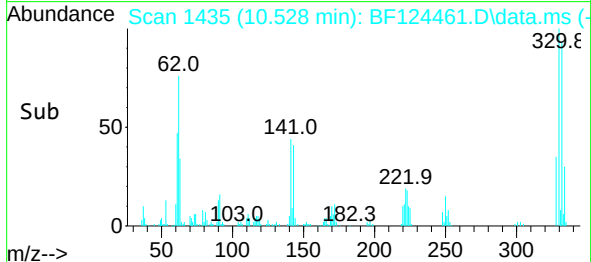
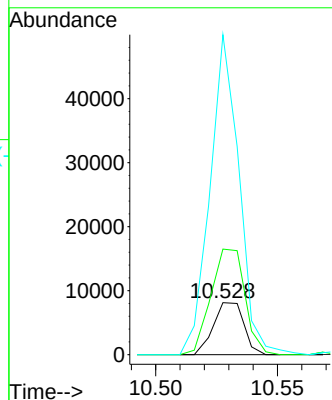


#67
4-Bromophenyl-phenylether
Concen: 4.277 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3A

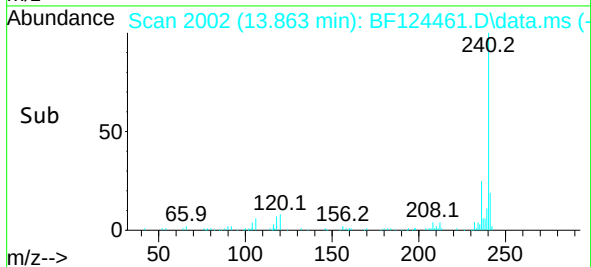
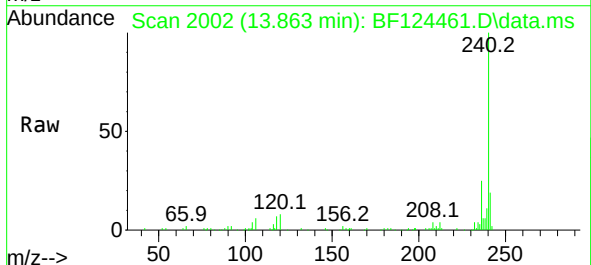
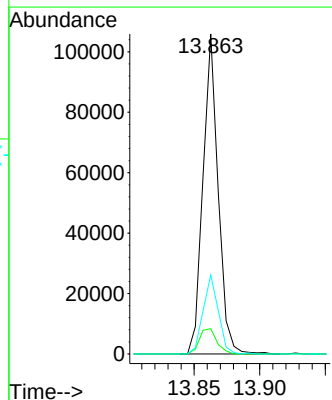


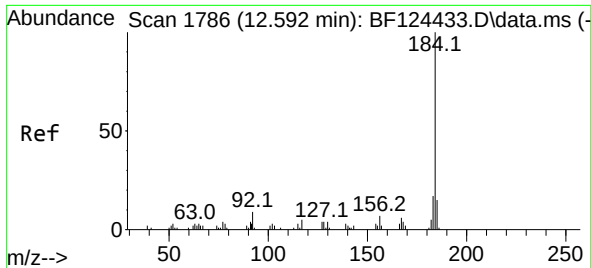
Tgt Ion:248 Resp: 7062
Ion Ratio Lower Upper
248 100
250 202.9 77.4 116.2#
141 615.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

Tgt Ion:240 Resp: 85539
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 24.7 19.0 28.4

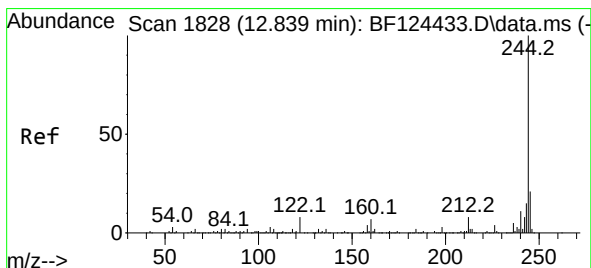
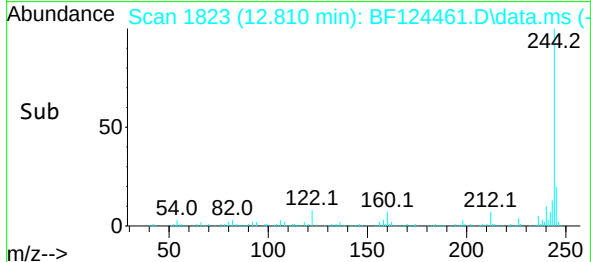
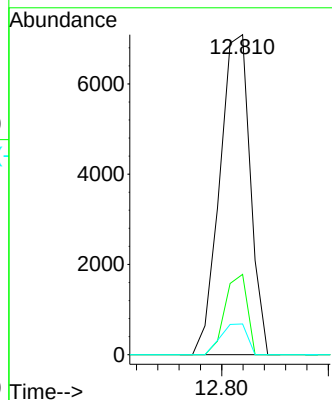
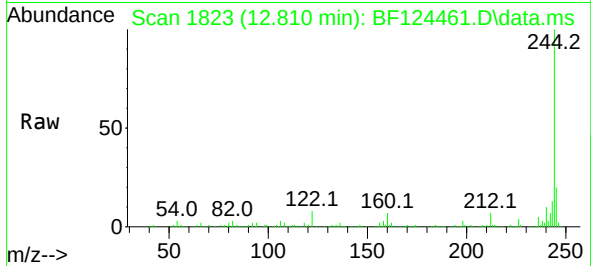




#77
Benzidine
Concen: 4.112 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

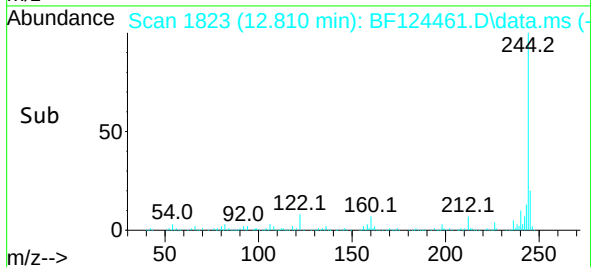
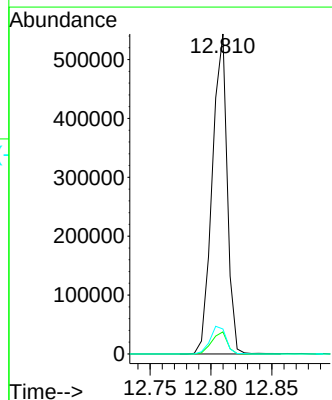
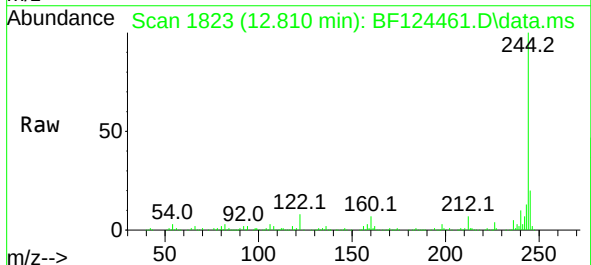
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3A

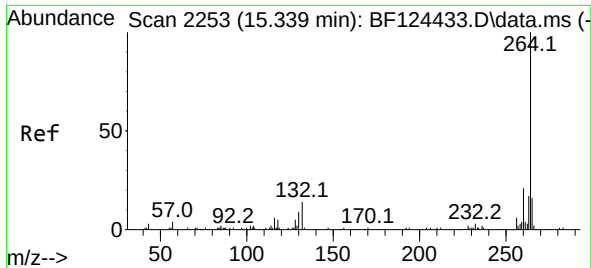
Tgt Ion:184 Resp: 7049
Ion Ratio Lower Upper
184 100
185 25.1 12.1 18.1#
183 9.6 7.8 11.8



#79
Terphenyl-d14
Concen: 81.219 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF124461.D
Acq: 25 Jun 2021 20:17

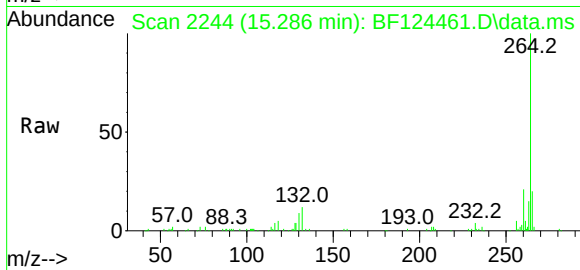
Tgt Ion:244 Resp: 463842
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 7.8 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF124461.D
 Acq: 25 Jun 2021 20:17

Instrument :
 BNA_F
 ClientSampleId :
 15B-STOCKPILE-3A



Tgt Ion:264 Resp: 84736
 Ion Ratio Lower Upper
 264 100
 260 20.9 18.7 28.1
 265 20.1 17.8 26.8

