

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124463.D
 Acq On : 25 Jun 2021 21:22
 Operator : JU/CG
 Sample : M2829-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 26 02:43:26 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)

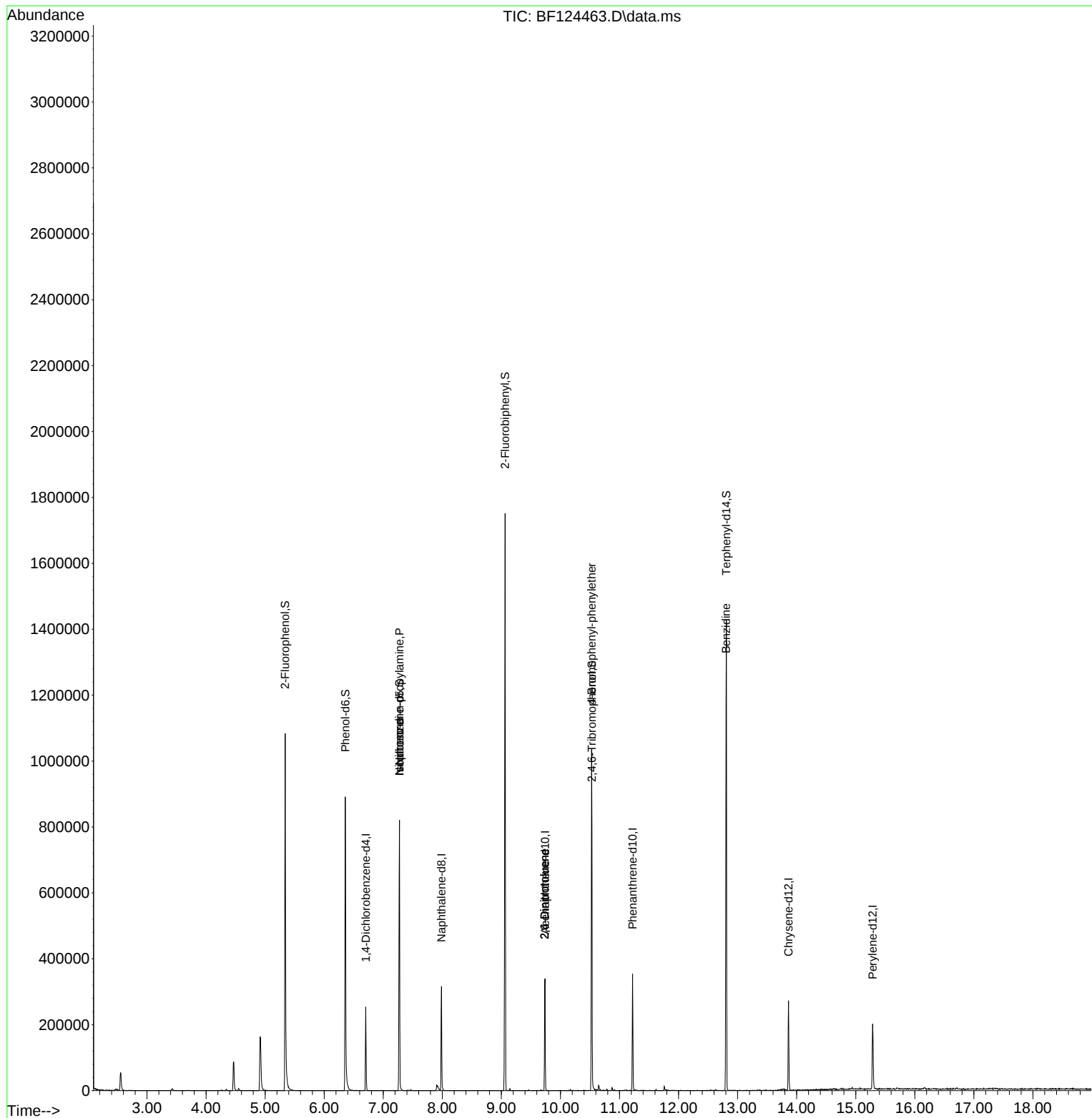
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	30878	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	121189	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	69543	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	112524	20.000	ng	0.00
76) Chrysene-d12	13.863	240	87597	20.000	ng	# 0.00
86) Perylene-d12	15.286	264	82924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	246308	125.450	ng	0.01
7) Phenol-d6	6.357	99	267577	104.376	ng	0.00
23) Nitrobenzene-d5	7.275	82	249812	85.469	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	108320	130.371	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	468662	82.554	ng	0.00
79) Terphenyl-d14	12.810	244	427362	73.073	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	35940	20.846	ng	# 59
25) Isophorone	7.275	82	249809	49.711	ng	# 69
51) 2,6-Dinitrotoluene	9.733	165	9593	7.574	ng	# 10
57) 2,4-Dinitrotoluene	9.733	165	9593	5.714	ng	# 15
67) 4-Bromophenyl-phenylether	10.527	248	7575	5.004	ng	# 1
77) Benzidine	12.804	184	7040	4.010	ng	# 75

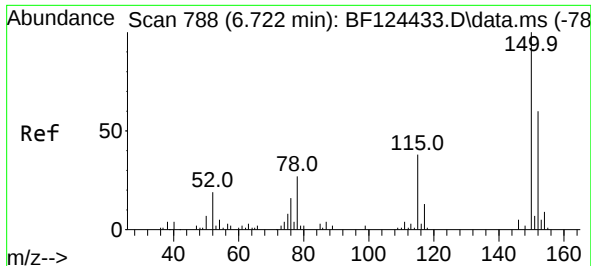
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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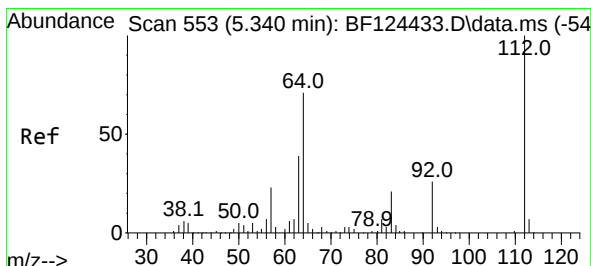
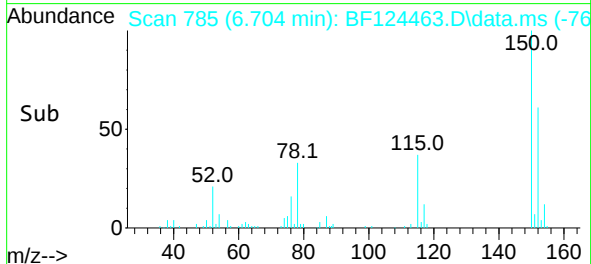
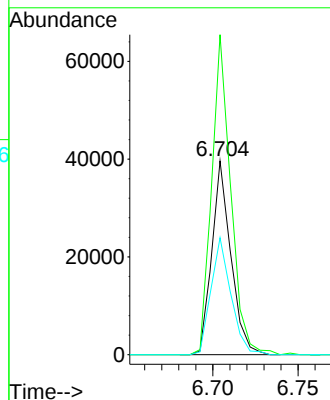
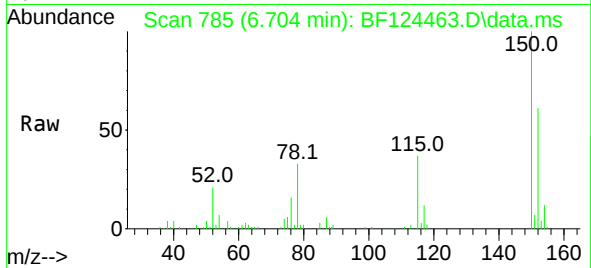




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BF124463.D
 Acq: 25 Jun 2021 21:22

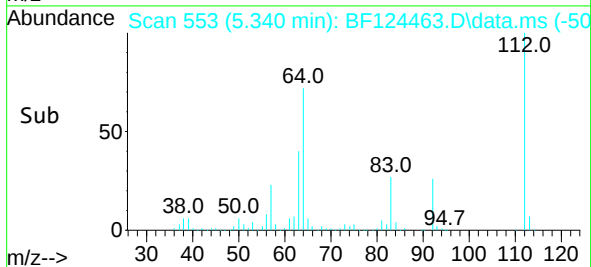
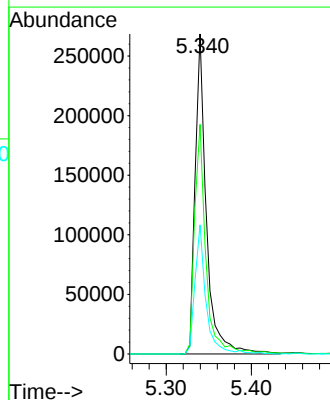
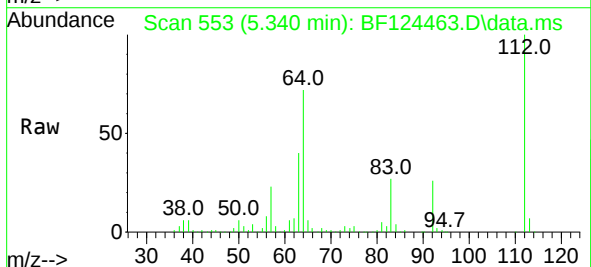
Instrument :
 BNA_F
 ClientSampleId :
 15B-STOCKPILE-3B

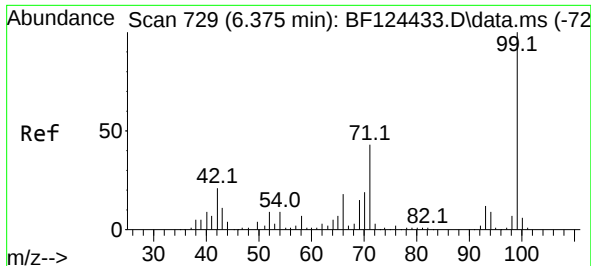
Tgt Ion:152 Resp: 30878
 Ion Ratio Lower Upper
 152 100
 150 165.1 127.0 190.6
 115 60.4 54.3 81.5



#5
 2-Fluorophenol
 Concen: 125.450 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.012 min
 Lab File: BF124463.D
 Acq: 25 Jun 2021 21:22

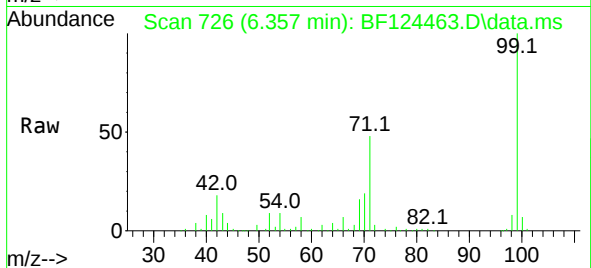
Tgt Ion:112 Resp: 246308
 Ion Ratio Lower Upper
 112 100
 64 71.7 61.4 92.0
 63 40.4 33.0 49.4



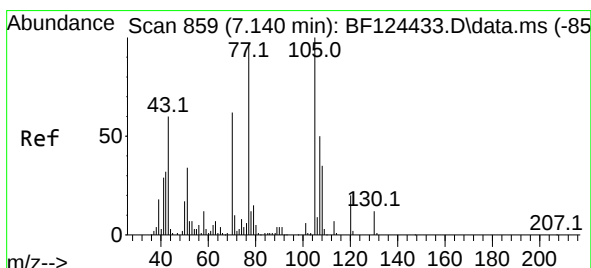
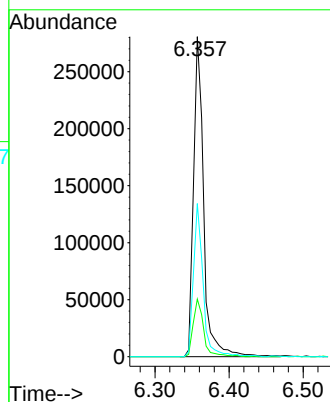
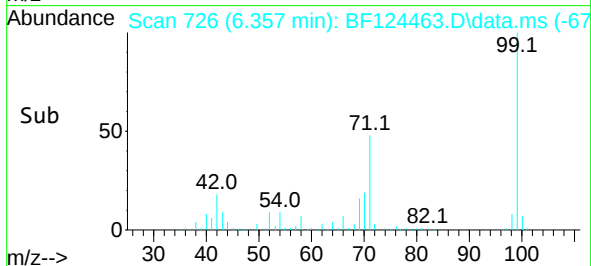


#7
Phenol-d6
Concen: 104.376 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

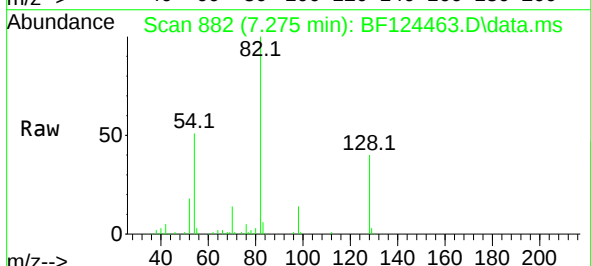
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3B



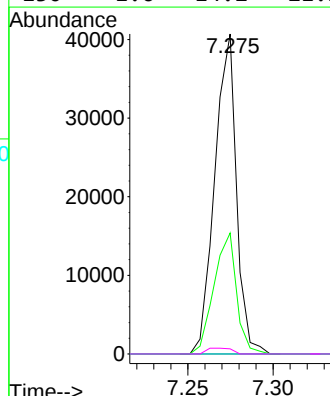
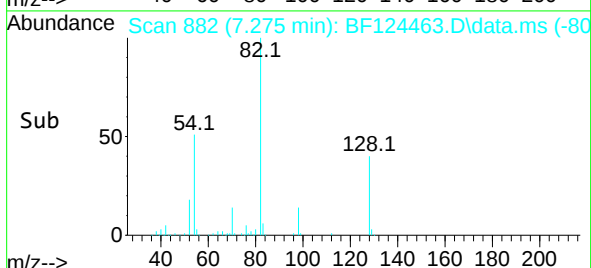
Tgt Ion: 99 Resp: 267577
Ion Ratio Lower Upper
99 100
42 18.0 19.8 29.8#
71 47.8 31.1 46.7#

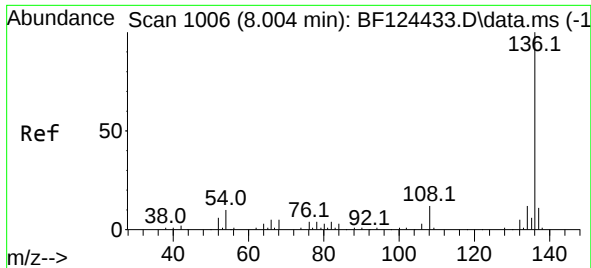


#19
n-Nitroso-di-n-propylamine
Concen: 20.846 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22



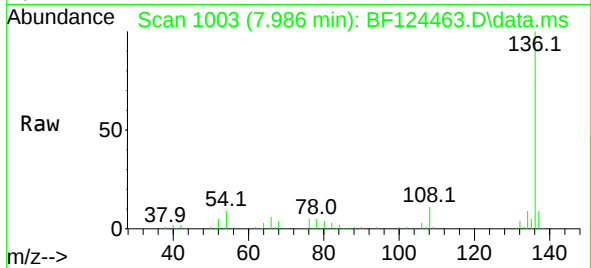
Tgt Ion: 70 Resp: 35940
Ion Ratio Lower Upper
70 100
42 37.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



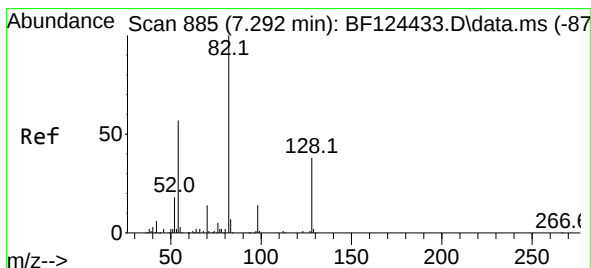
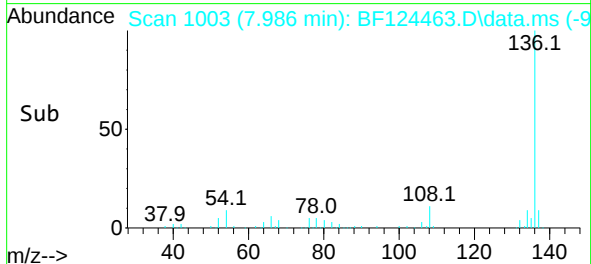
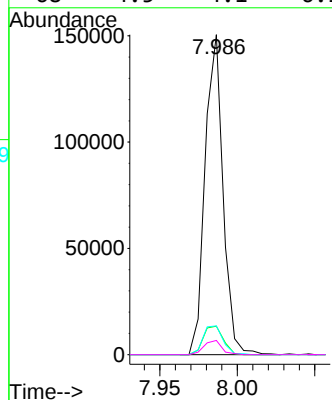


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

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

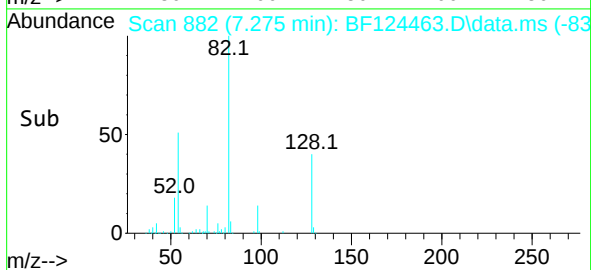
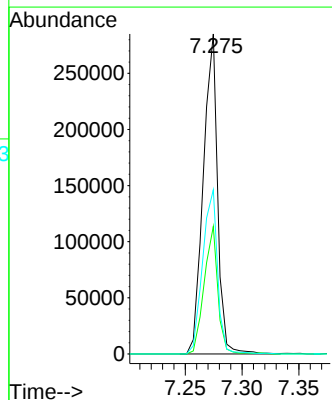
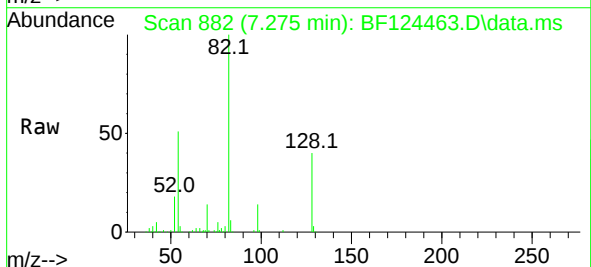


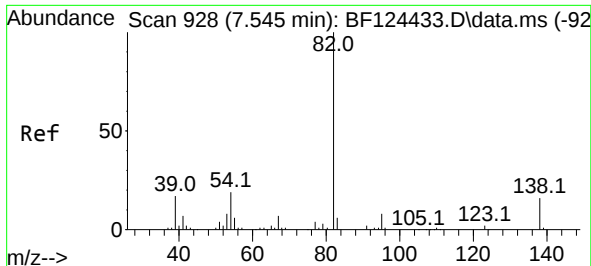
Tgt Ion:136 Resp: 121189
Ion Ratio Lower Upper
136 100
137 8.9 8.7 13.1
54 9.0 9.8 14.6#
68 4.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 85.469 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

Tgt Ion: 82 Resp: 249812
Ion Ratio Lower Upper
82 100
128 39.9 29.4 44.2
54 51.3 54.1 81.1#

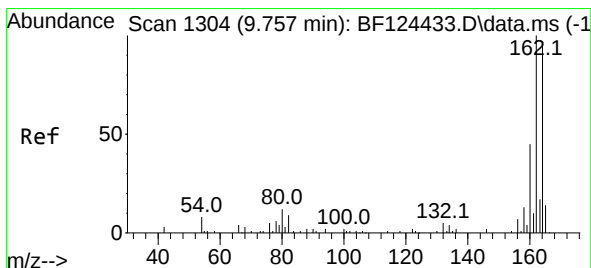
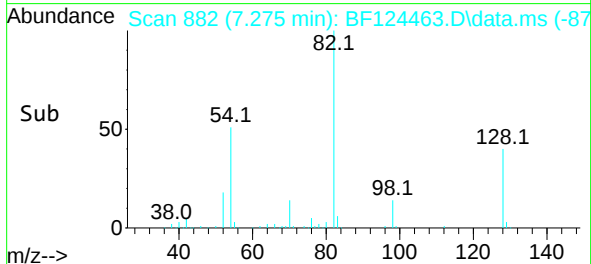
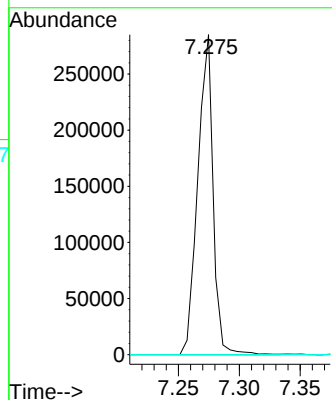
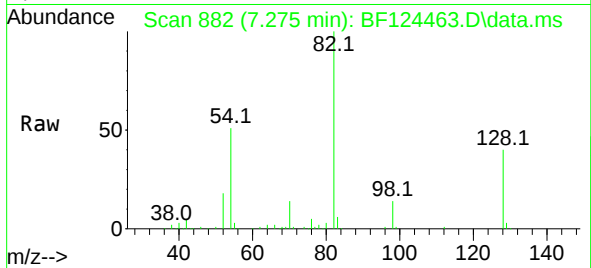




#25
Isophorone
Concen: 49.711 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.259 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

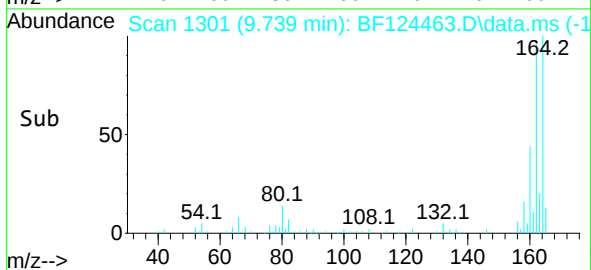
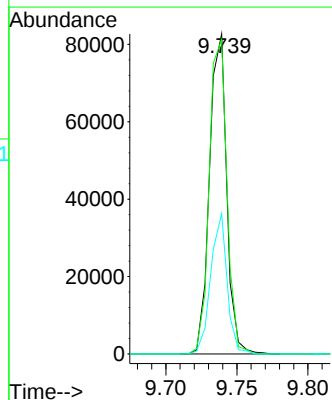
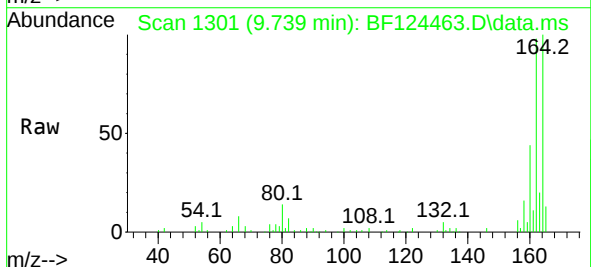
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3B

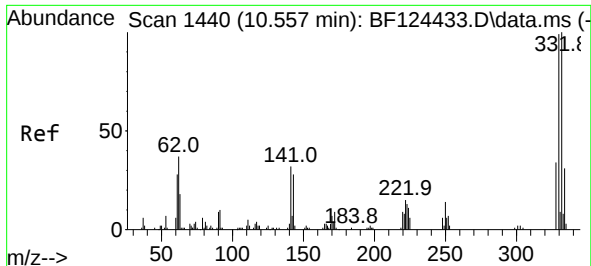
Tgt Ion: 82 Resp: 249809
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

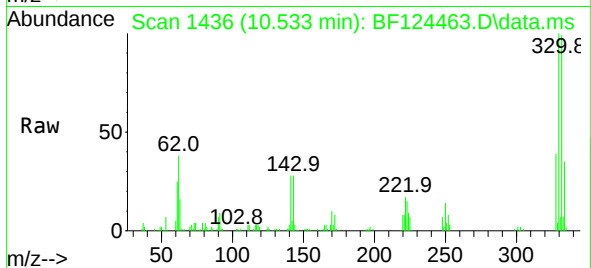
Tgt Ion: 164 Resp: 69543
Ion Ratio Lower Upper
164 100
162 98.3 80.7 121.1
160 43.8 37.3 55.9



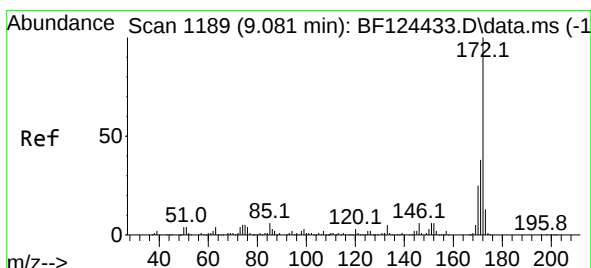
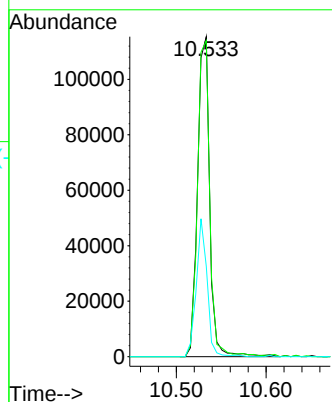
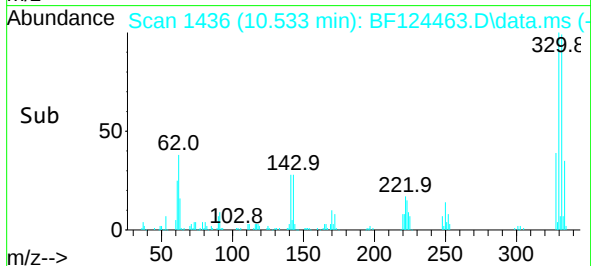


#42
2,4,6-Tribromophenol
Concen: 130.371 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

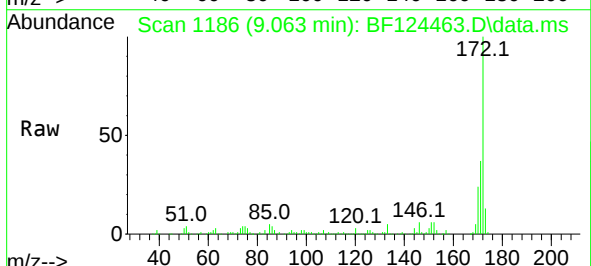
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-3B



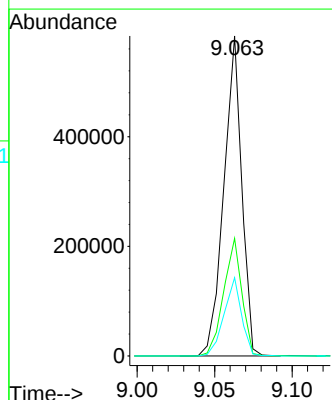
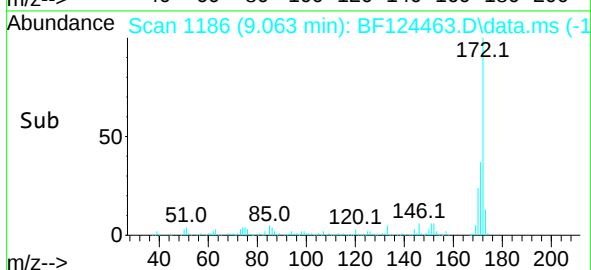
Tgt Ion:330 Resp: 108320
Ion Ratio Lower Upper
330 100
332 99.8 77.1 115.7
141 38.6 27.9 41.9

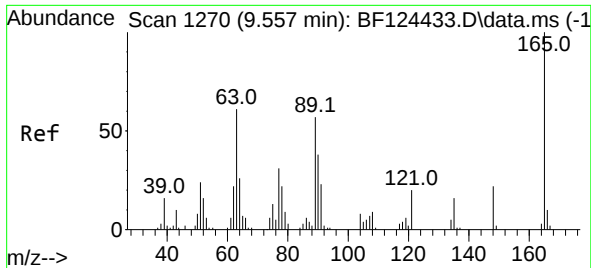


#45
2-Fluorobiphenyl
Concen: 82.554 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22



Tgt Ion:172 Resp: 468662
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.4 19.2 28.8

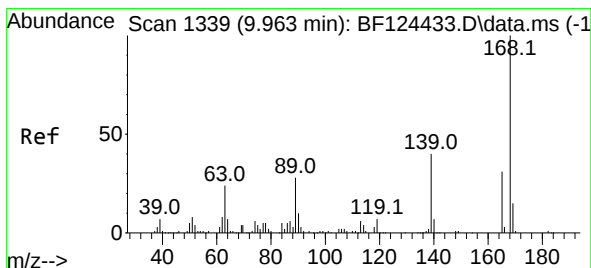
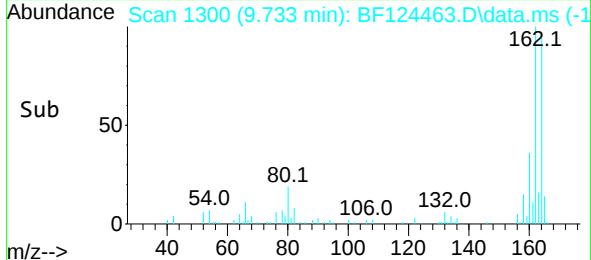
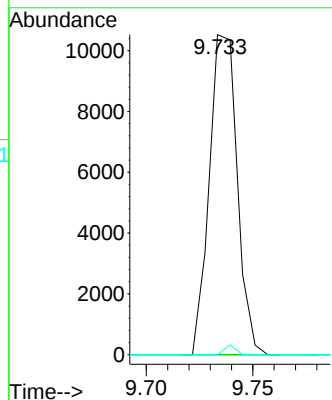
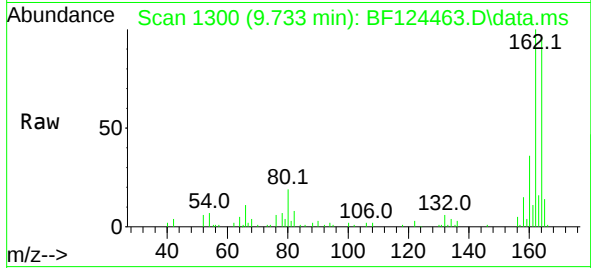




#51
2,6-Dinitrotoluene
Concen: 7.574 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.194 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

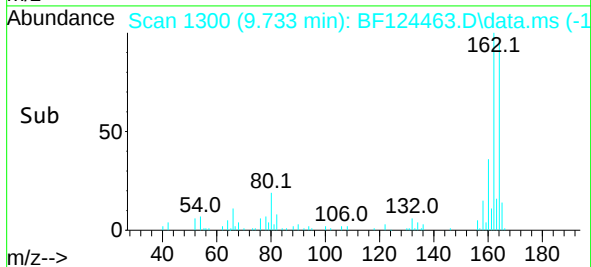
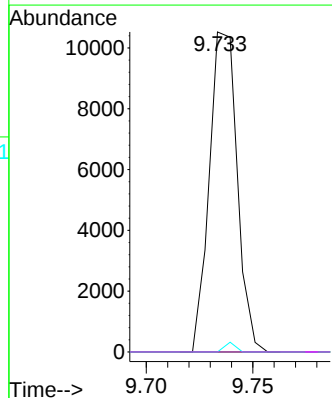
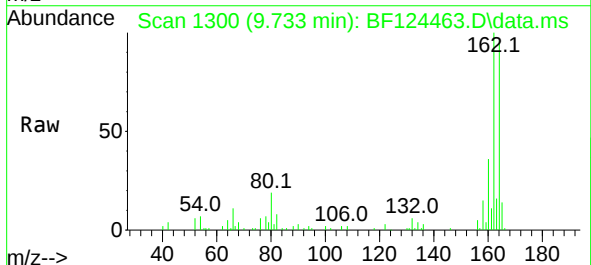
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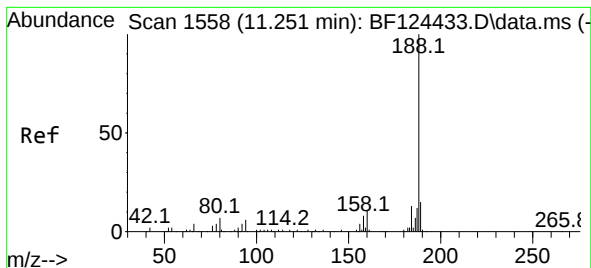
Tgt Ion:165 Resp: 9593
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.714 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.212 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

Tgt Ion:165 Resp: 9593
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#

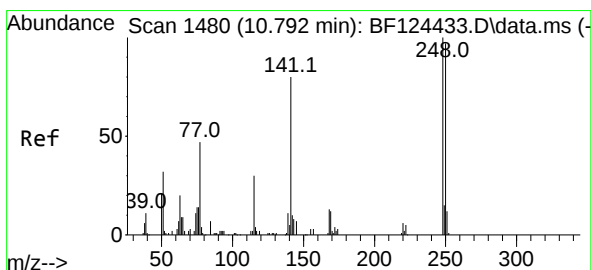
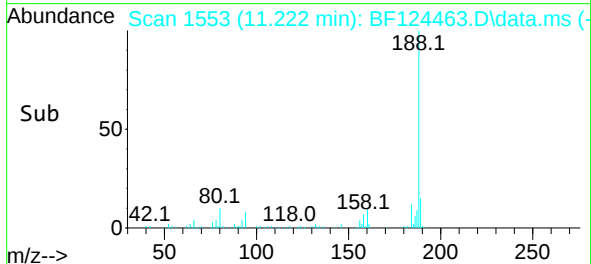
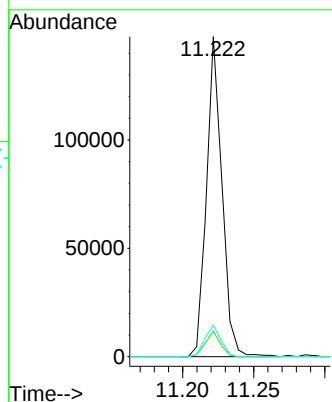
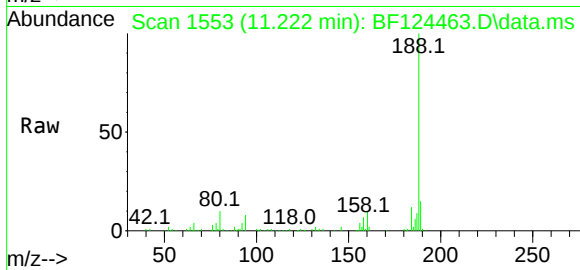




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

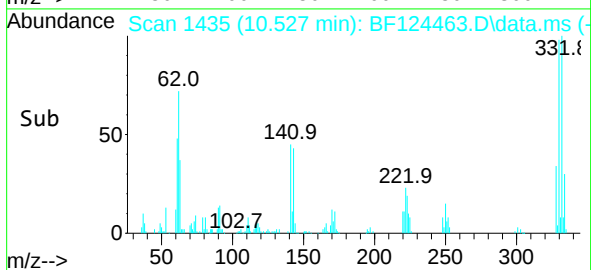
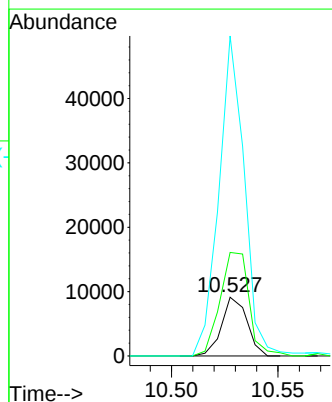
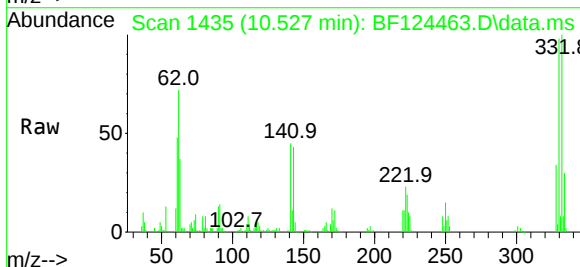
Instrument :
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15B-STOCKPILE-3B

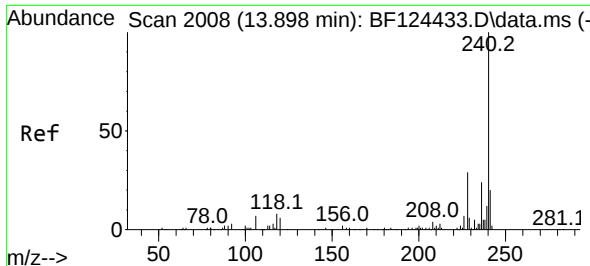
Tgt Ion:188 Resp: 112524
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.004 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

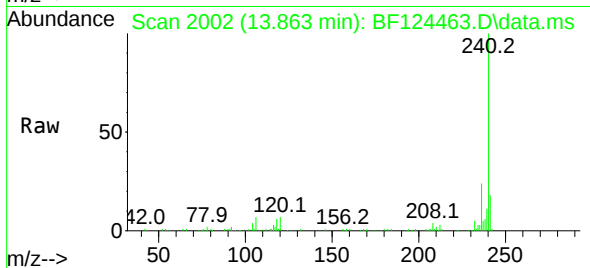
Tgt Ion:248 Resp: 7575
Ion Ratio Lower Upper
248 100
250 176.4 77.4 116.2#
141 544.8 63.7 95.5#



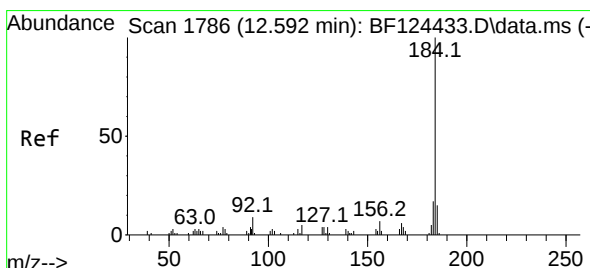
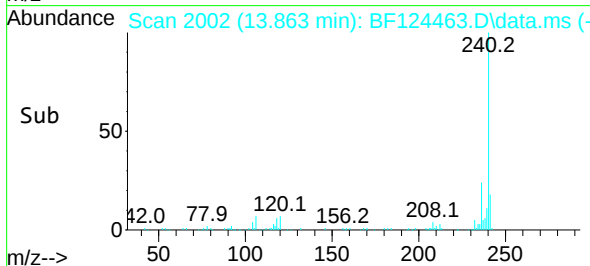
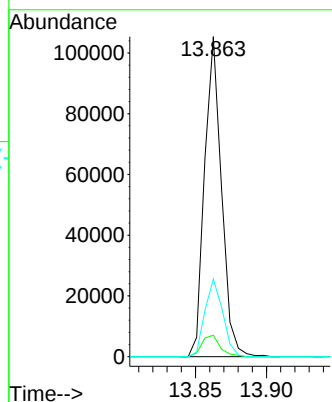


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

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

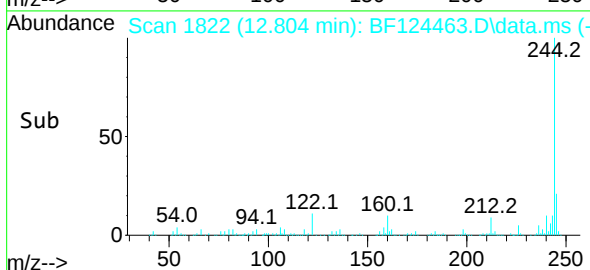
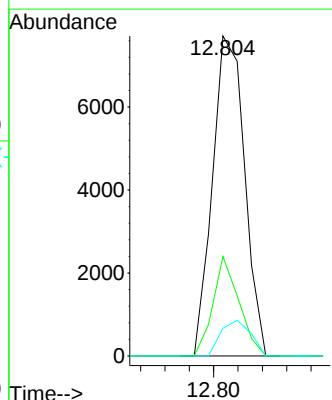
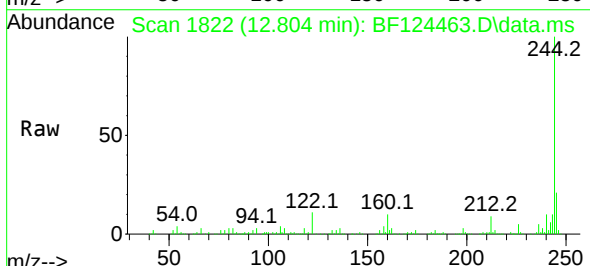


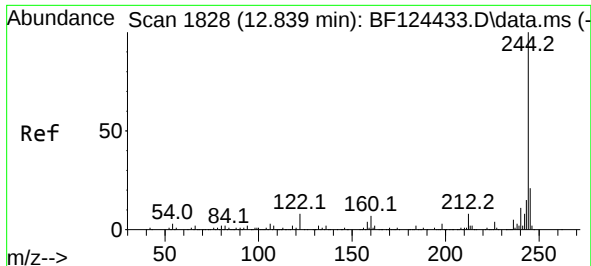
Tgt Ion:240 Resp: 87597
Ion Ratio Lower Upper
240 100
120 6.7 7.2 10.8#
236 24.3 19.0 28.4



#77
Benzidine
Concen: 4.010 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.241 min
Lab File: BF124463.D
Acq: 25 Jun 2021 21:22

Tgt Ion:184 Resp: 7040
Ion Ratio Lower Upper
184 100
185 31.1 12.1 18.1#
183 8.7 7.8 11.8

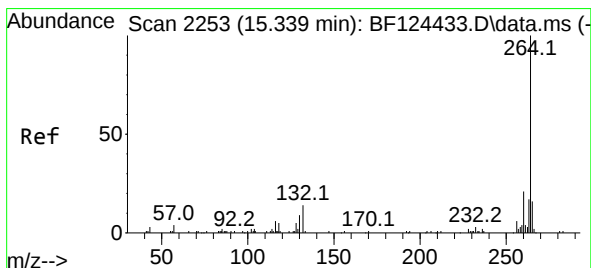
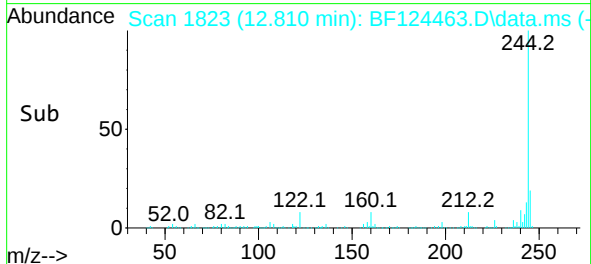
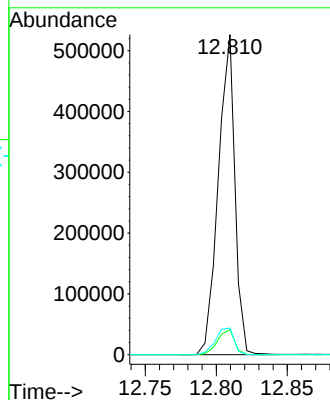
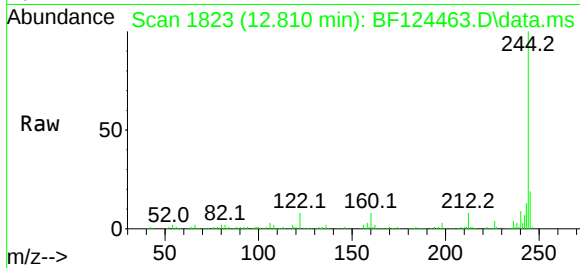




#79
 Terphenyl-d14
 Concen: 73.073 ng
 RT: 12.810 min Scan# 1823
 Delta R.T. 0.000 min
 Lab File: BF124463.D
 Acq: 25 Jun 2021 21:22

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

Tgt Ion:244 Resp: 427362
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 8.4 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: BF124463.D
 Acq: 25 Jun 2021 21:22

Tgt Ion:264 Resp: 82924
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.7 28.1
 265 20.7 17.8 26.8

