

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124462.D
 Acq On : 25 Jun 2021 20:50
 Operator : JU/CG
 Sample : M2829-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15B-STOCKPILE-2B

Quant Time: Jun 26 02:43:12 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)

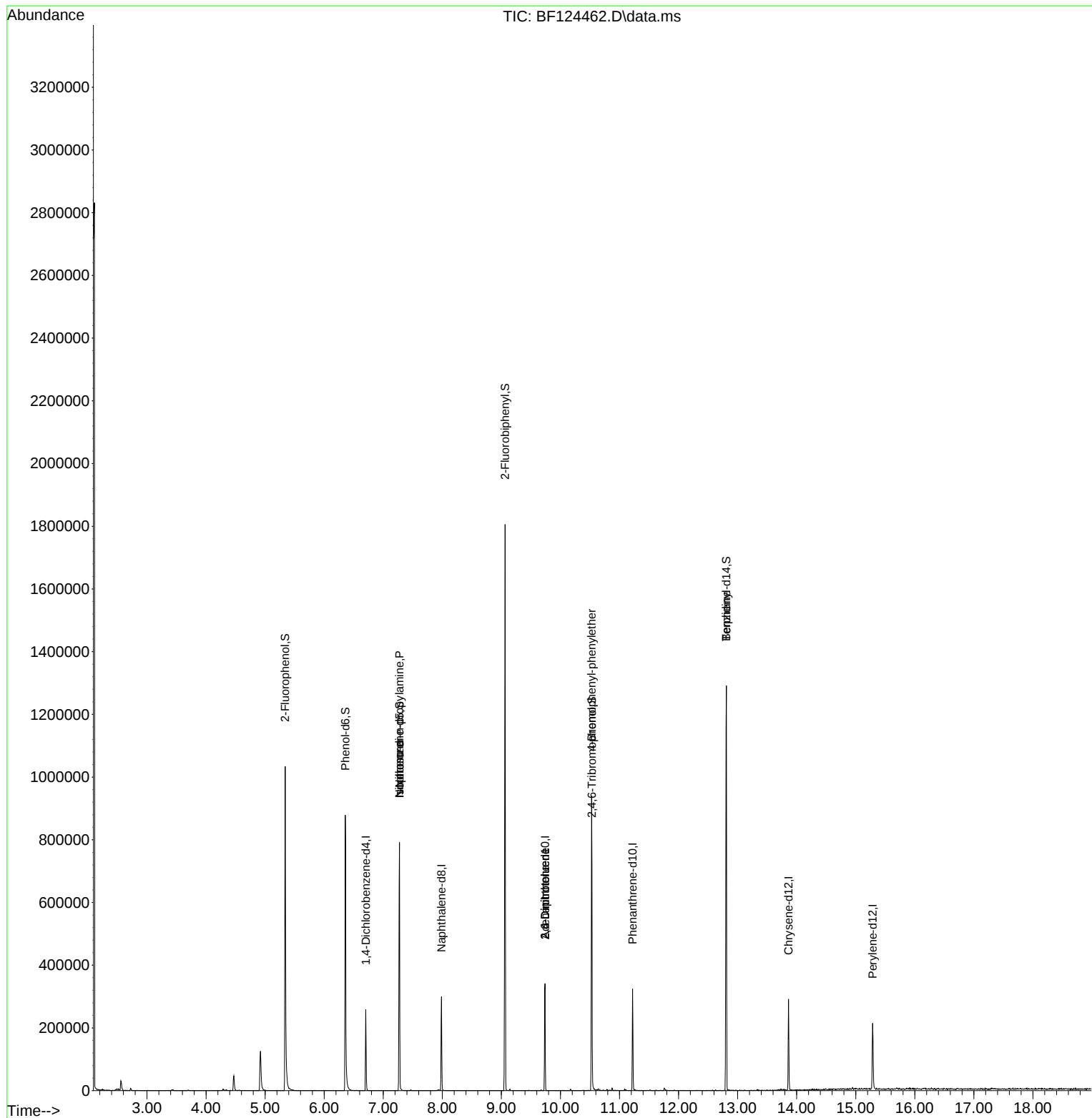
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	33117	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	120684	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	67599	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	104034	20.000	ng	0.00
76) Chrysene-d12	13.863	240	81218	20.000	ng	0.00
86) Perylene-d12	15.286	264	83505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	245820	116.737	ng	0.01
7) Phenol-d6	6.357	99	275457	100.185	ng	0.00
23) Nitrobenzene-d5	7.275	82	242805	83.419	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	102915	127.428	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	471830	85.502	ng	0.00
79) Terphenyl-d14	12.810	244	410805	75.759	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	34102	18.443	ng	# 56
25) Isophorone	7.275	82	242803	48.519	ng	# 69
51) 2,6-Dinitrotoluene	9.739	165	7444	6.046	ng	# 10
57) 2,4-Dinitrotoluene	9.739	165	7444	4.562	ng	# 15
67) 4-Bromophenyl-phenylether	10.527	248	7568	5.407	ng	# 1
77) Benzydine	12.810	184	7504	4.610	ng	# 91

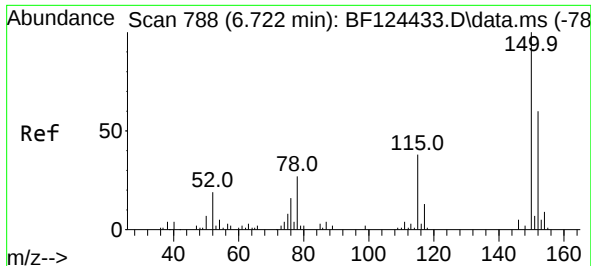
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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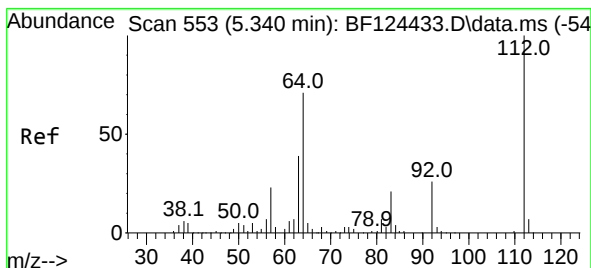
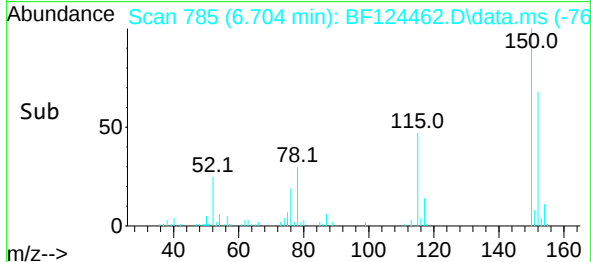
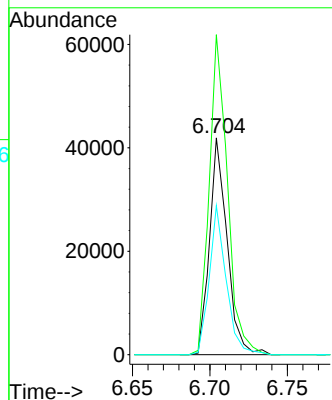
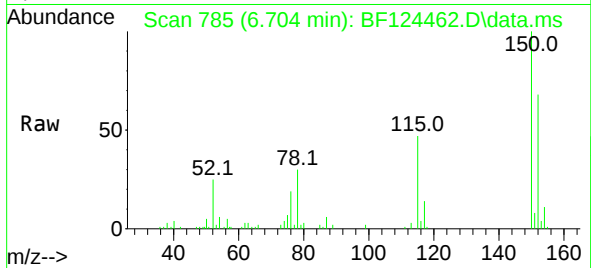




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

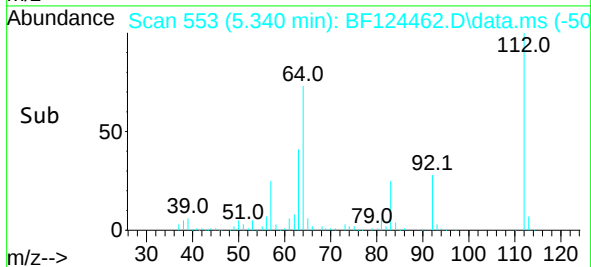
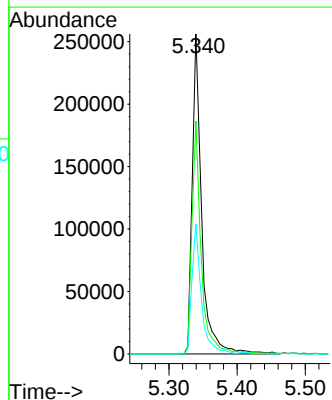
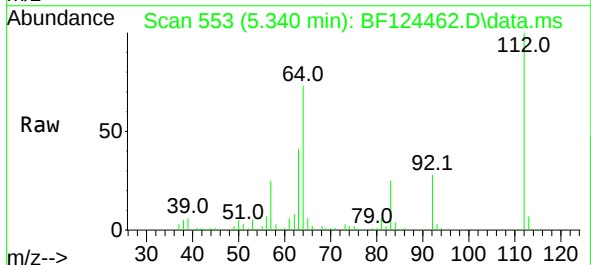
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2B

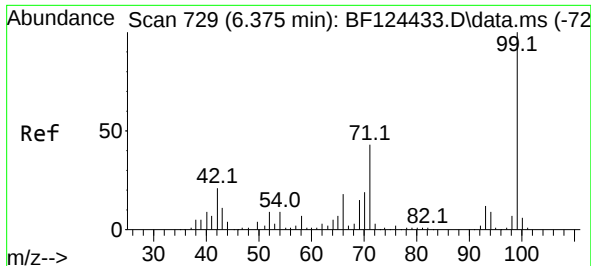
Tgt Ion:152 Resp: 33117
Ion Ratio Lower Upper
152 100
150 147.5 127.0 190.6
115 68.7 54.3 81.5



#5
2-Fluorophenol
Concen: 116.737 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

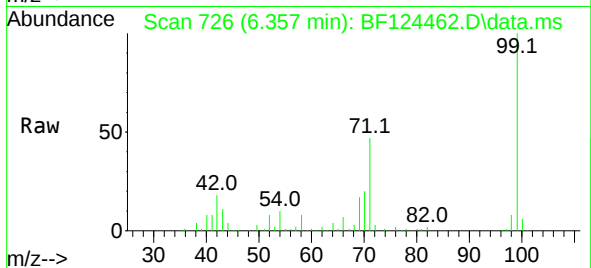
Tgt Ion:112 Resp: 245820
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 40.7 33.0 49.4



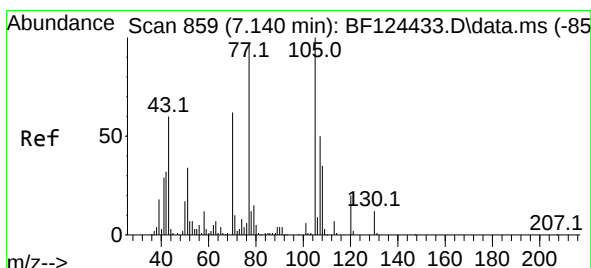
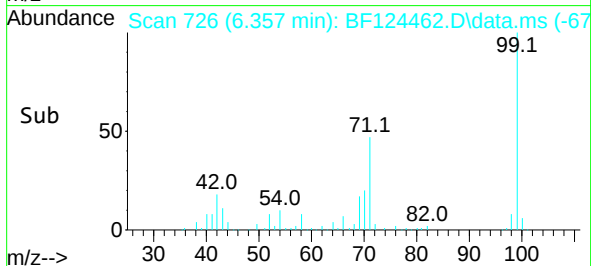
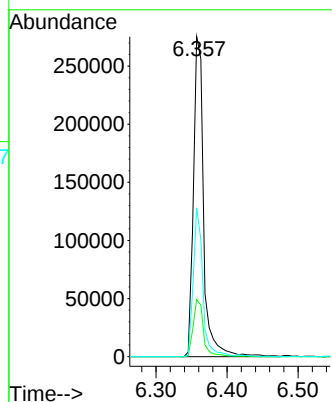


#7
Phenol-d6
Concen: 100.185 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2B

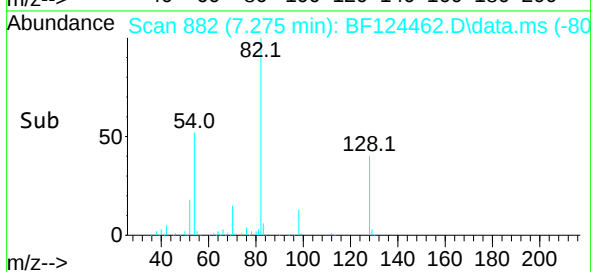
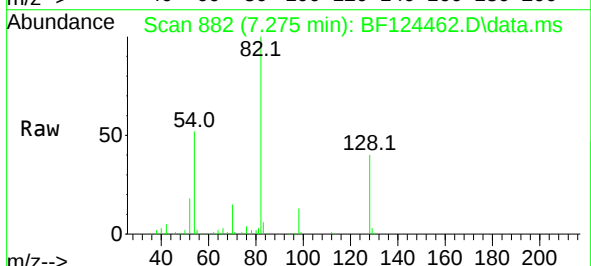
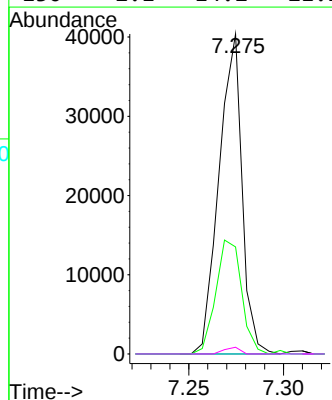


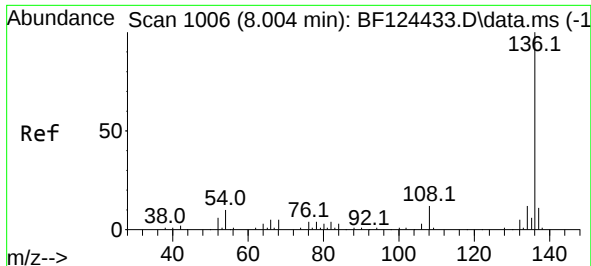
Tgt Ion: 99 Resp: 275457
Ion Ratio Lower Upper
99 100
42 17.9 19.8 29.8#
71 46.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.443 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

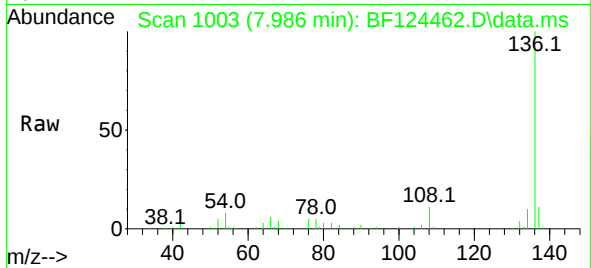
Tgt Ion: 70 Resp: 34102
Ion Ratio Lower Upper
70 100
42 33.4 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



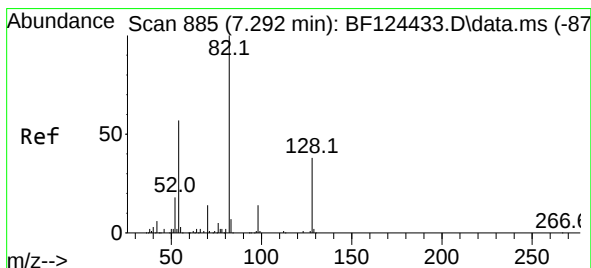
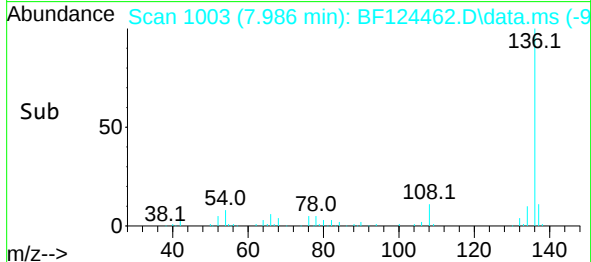
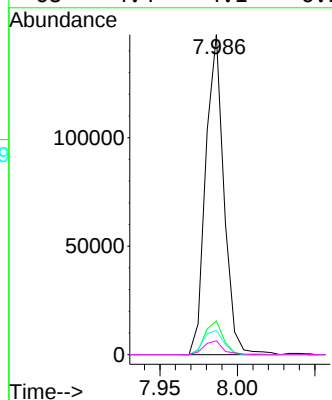


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2B

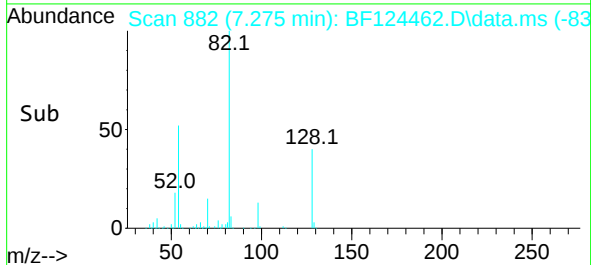
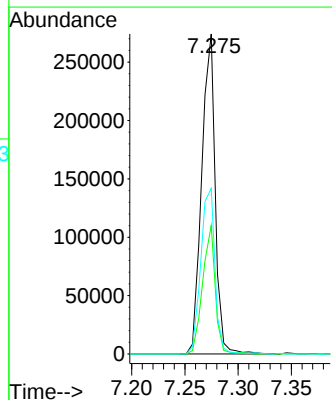
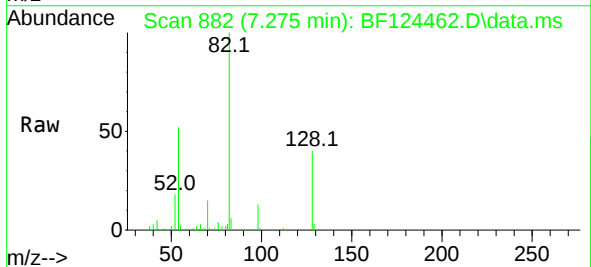


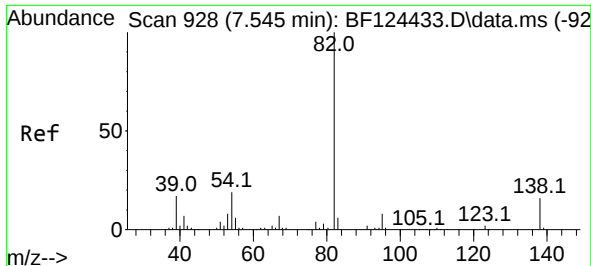
Tgt Ion:136 Resp: 120684
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.5 9.8 14.6#
68 4.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.419 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

Tgt Ion: 82 Resp: 242805
Ion Ratio Lower Upper
82 100
128 40.1 29.4 44.2
54 51.8 54.1 81.1#

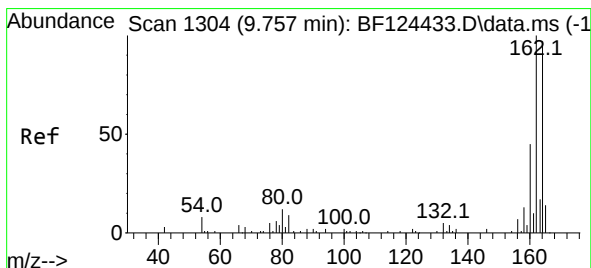
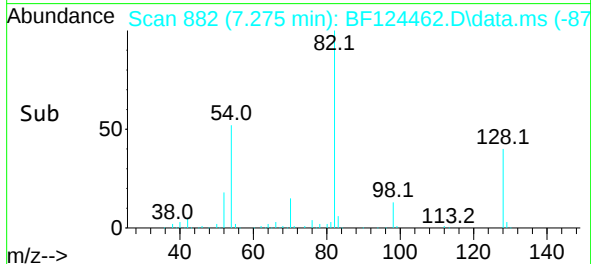
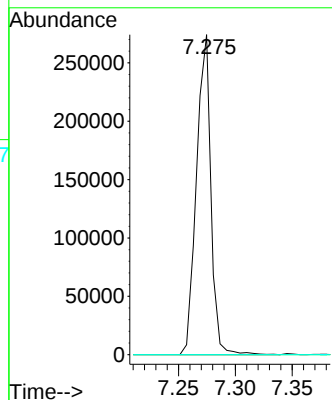
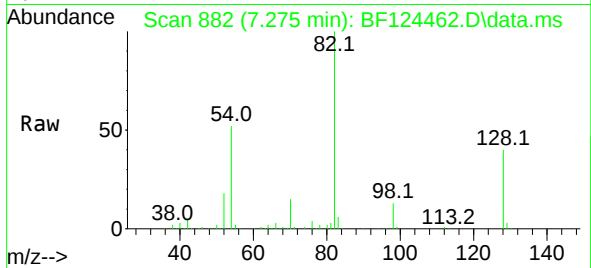




#25
Isophorone
Concen: 48.519 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.259 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

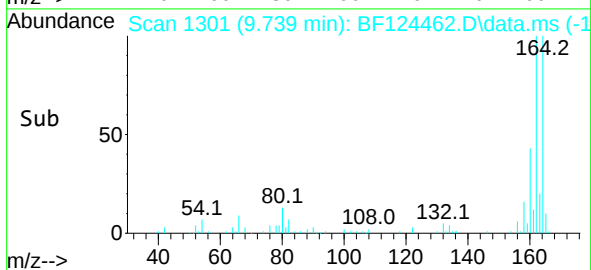
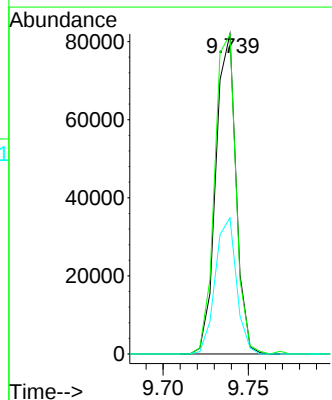
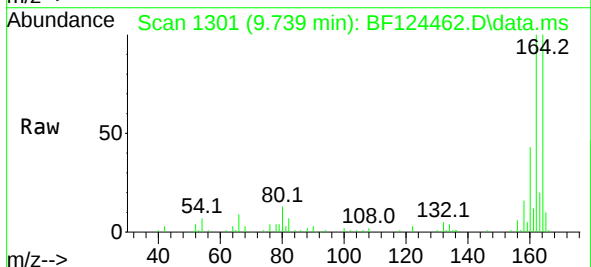
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2B

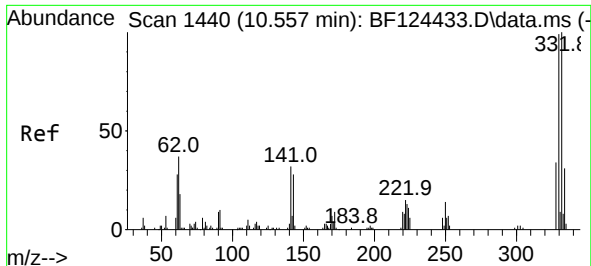
Tgt Ion: 82 Resp: 242803
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

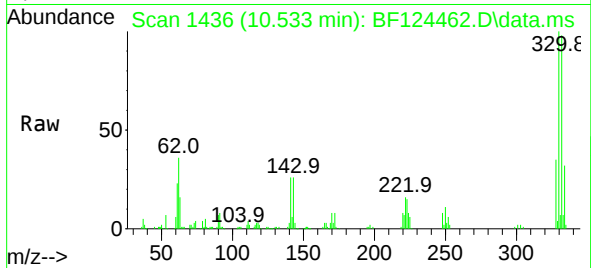
Tgt Ion: 164 Resp: 67599
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 42.6 37.3 55.9



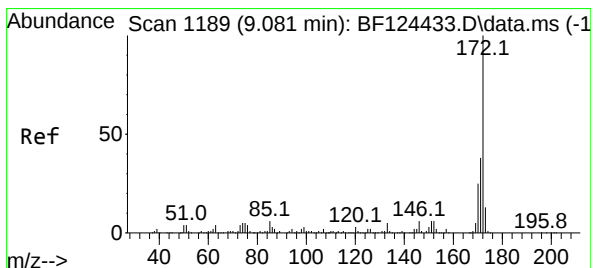
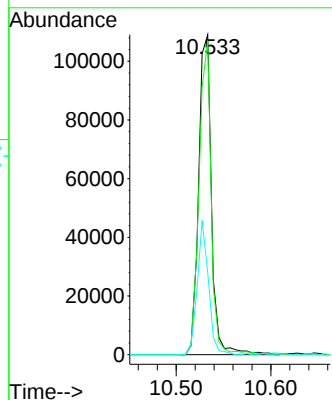
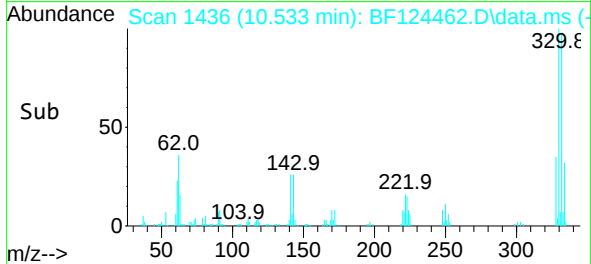


#42
2,4,6-Tribromophenol
Concen: 127.428 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

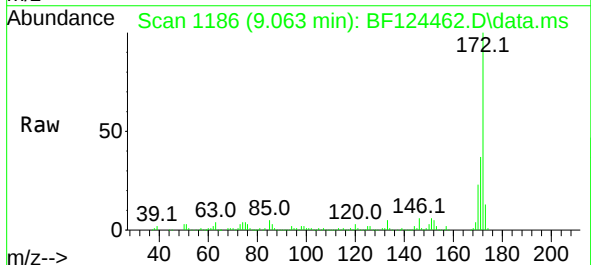
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BNA_F
ClientSampleId :
15B-STOCKPILE-2B



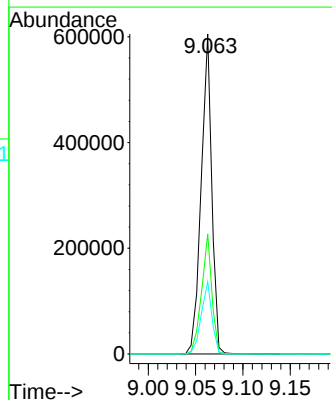
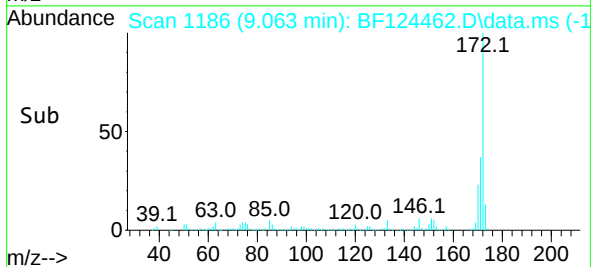
Tgt Ion: 330 Resp: 102915
Ion Ratio Lower Upper
330 100
332 93.0 77.1 115.7
141 36.8 27.9 41.9

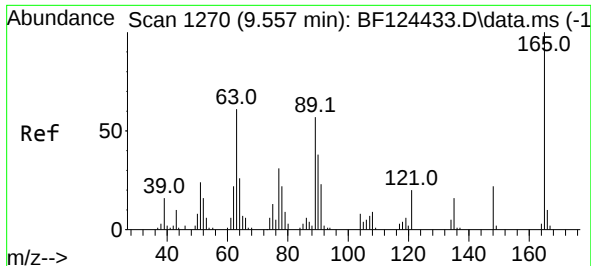


#45
2-Fluorobiphenyl
Concen: 85.502 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50



Tgt Ion: 172 Resp: 471830
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 22.6 19.2 28.8

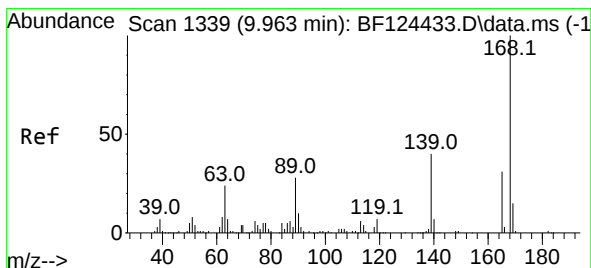
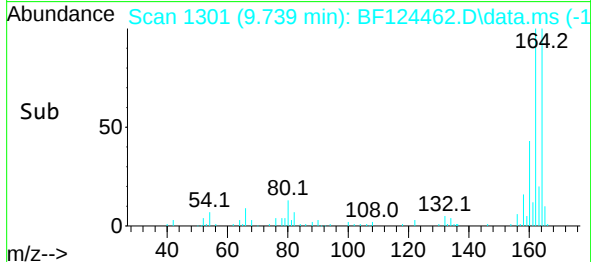
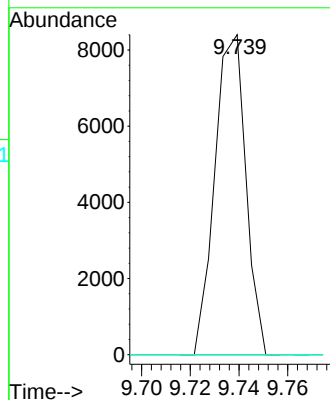
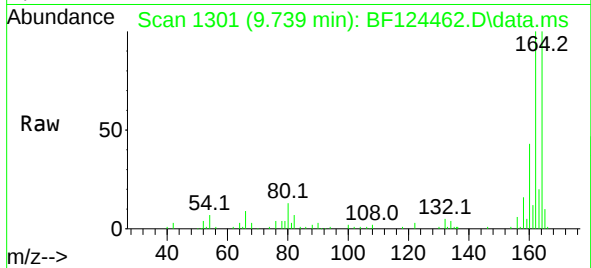




#51
2,6-Dinitrotoluene
Concen: 6.046 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.200 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

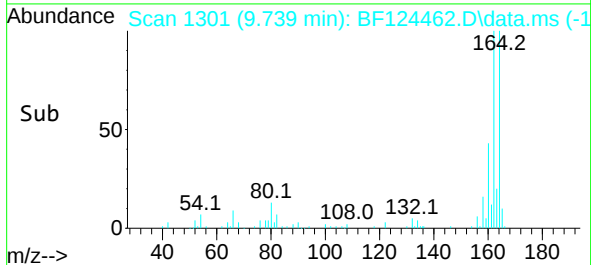
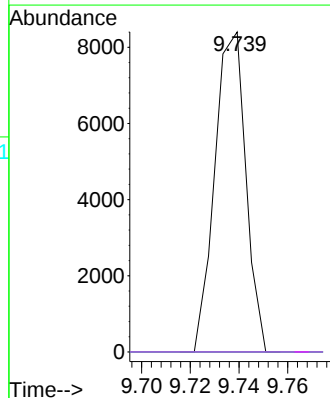
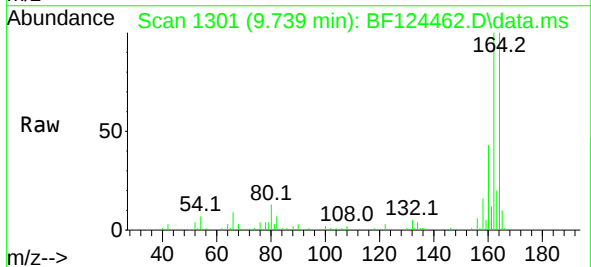
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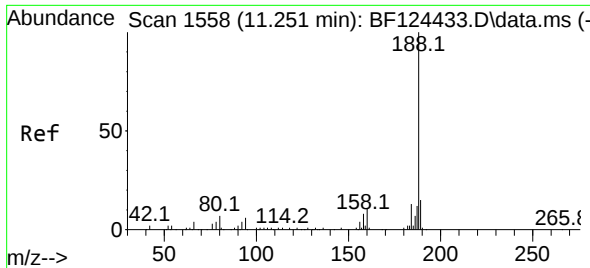
Tgt Ion:165 Resp: 7444
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.562 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.206 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

Tgt Ion:165 Resp: 7444
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#

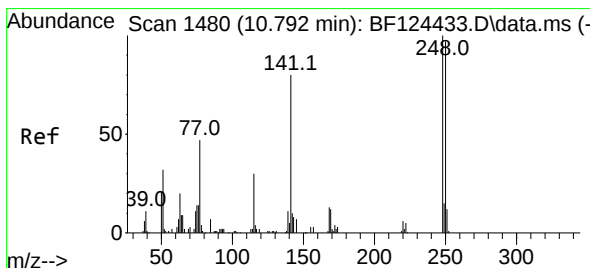
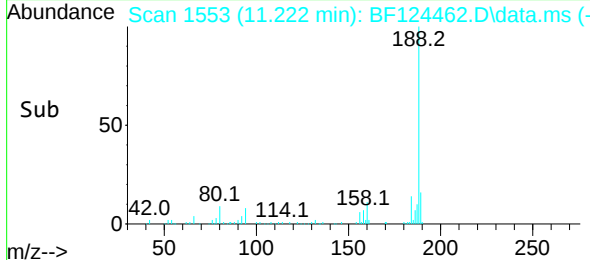
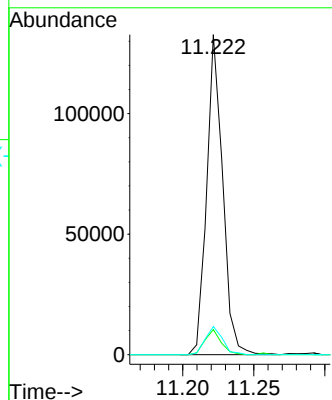
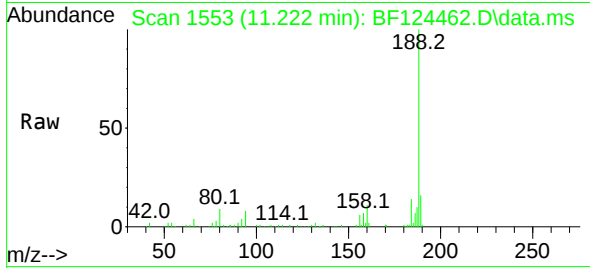




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

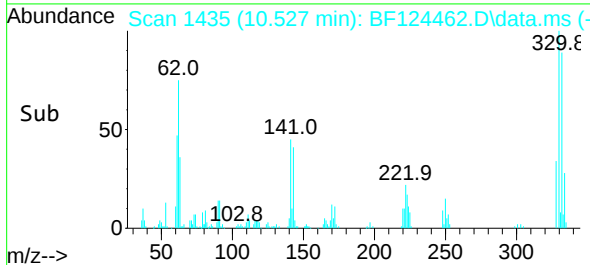
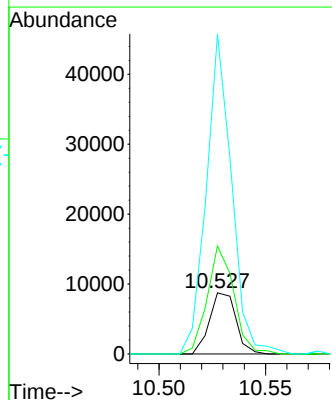
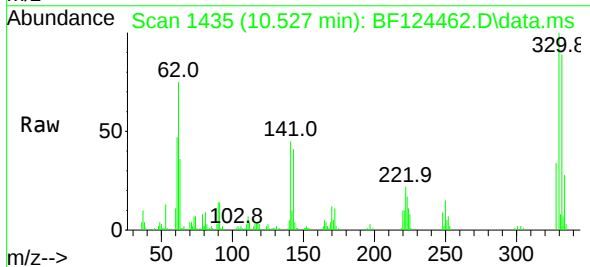
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2B

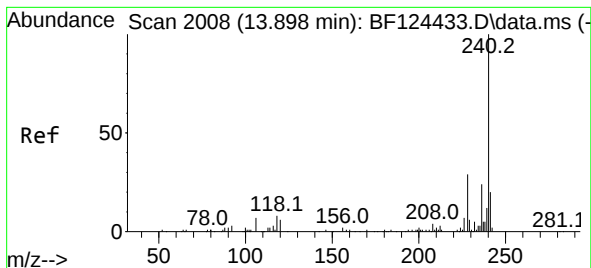
Tgt Ion:188 Resp: 104034
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.407 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

Tgt Ion:248 Resp: 7568
Ion Ratio Lower Upper
248 100
250 176.8 77.4 116.2#
141 523.7 63.7 95.5#

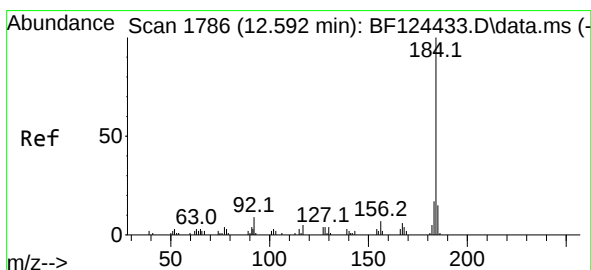
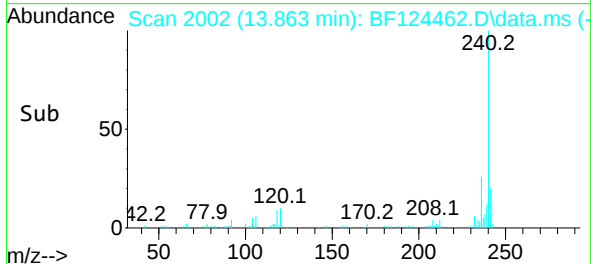
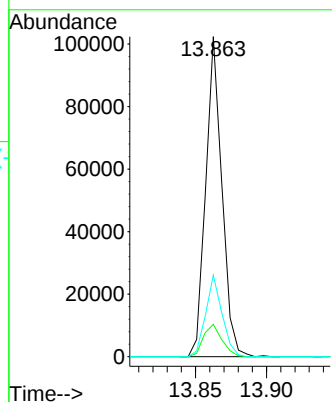
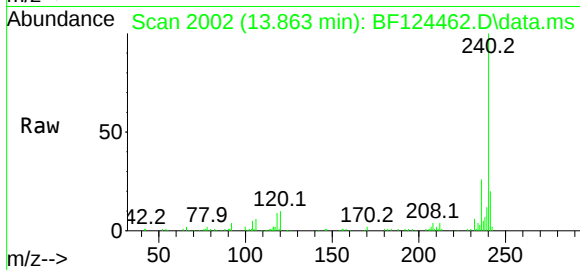




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

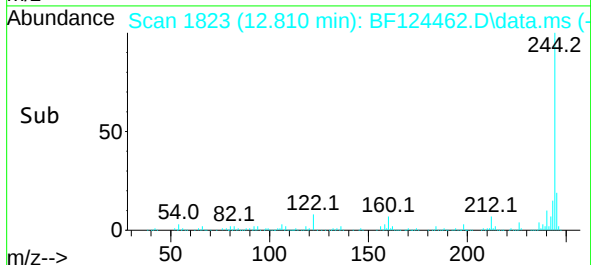
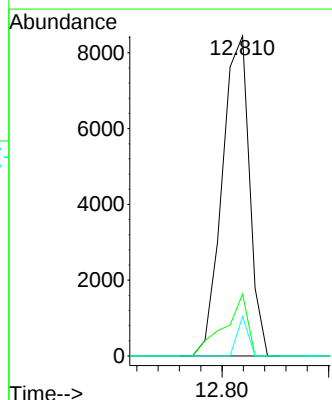
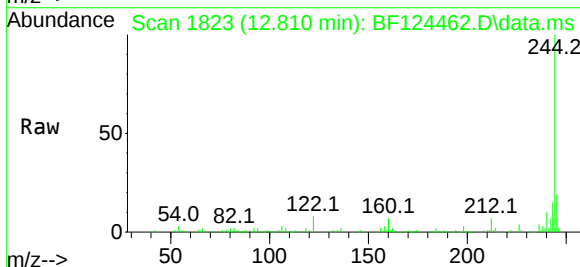
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2B

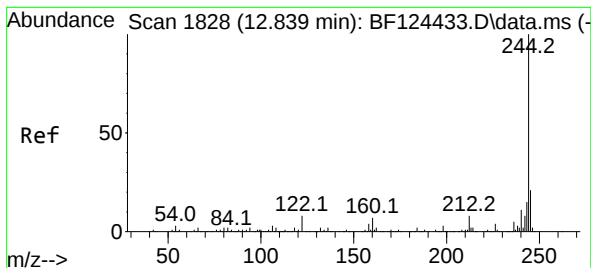
Tgt Ion:240 Resp: 81218
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 25.5 19.0 28.4



#77
Benzidine
Concen: 4.610 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF124462.D
Acq: 25 Jun 2021 20:50

Tgt Ion:184 Resp: 7504
Ion Ratio Lower Upper
184 100
185 19.4 12.1 18.1#
183 12.4 7.8 11.8#





#79

Terphenyl-d14

Concen: 75.759 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.000 min

Lab File: BF124462.D

Acq: 25 Jun 2021 20:50

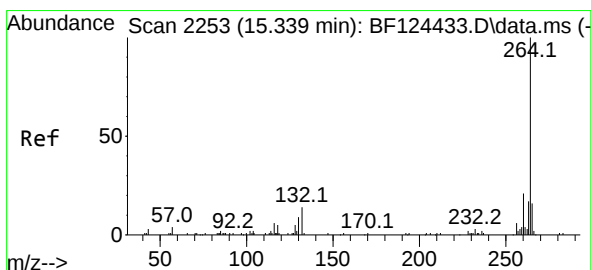
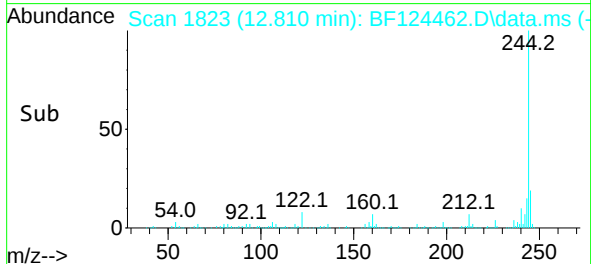
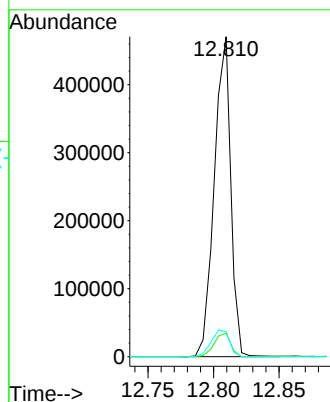
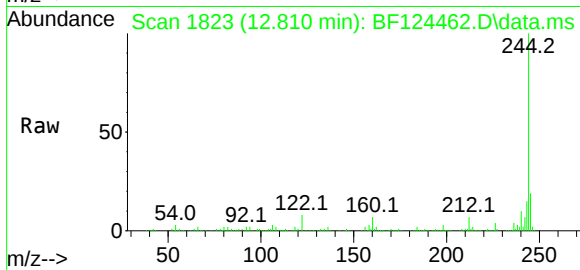
Tgt Ion:244 Resp: 410805

Ion Ratio Lower Upper

244 100

212 7.4 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: BF124462.D

Acq: 25 Jun 2021 20:50

Tgt Ion:264 Resp: 83505

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.9 17.8 26.8

