

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124460.D
 Acq On : 25 Jun 2021 19:44
 Operator : JU/CG
 Sample : M2829-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 26 02:42:44 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)

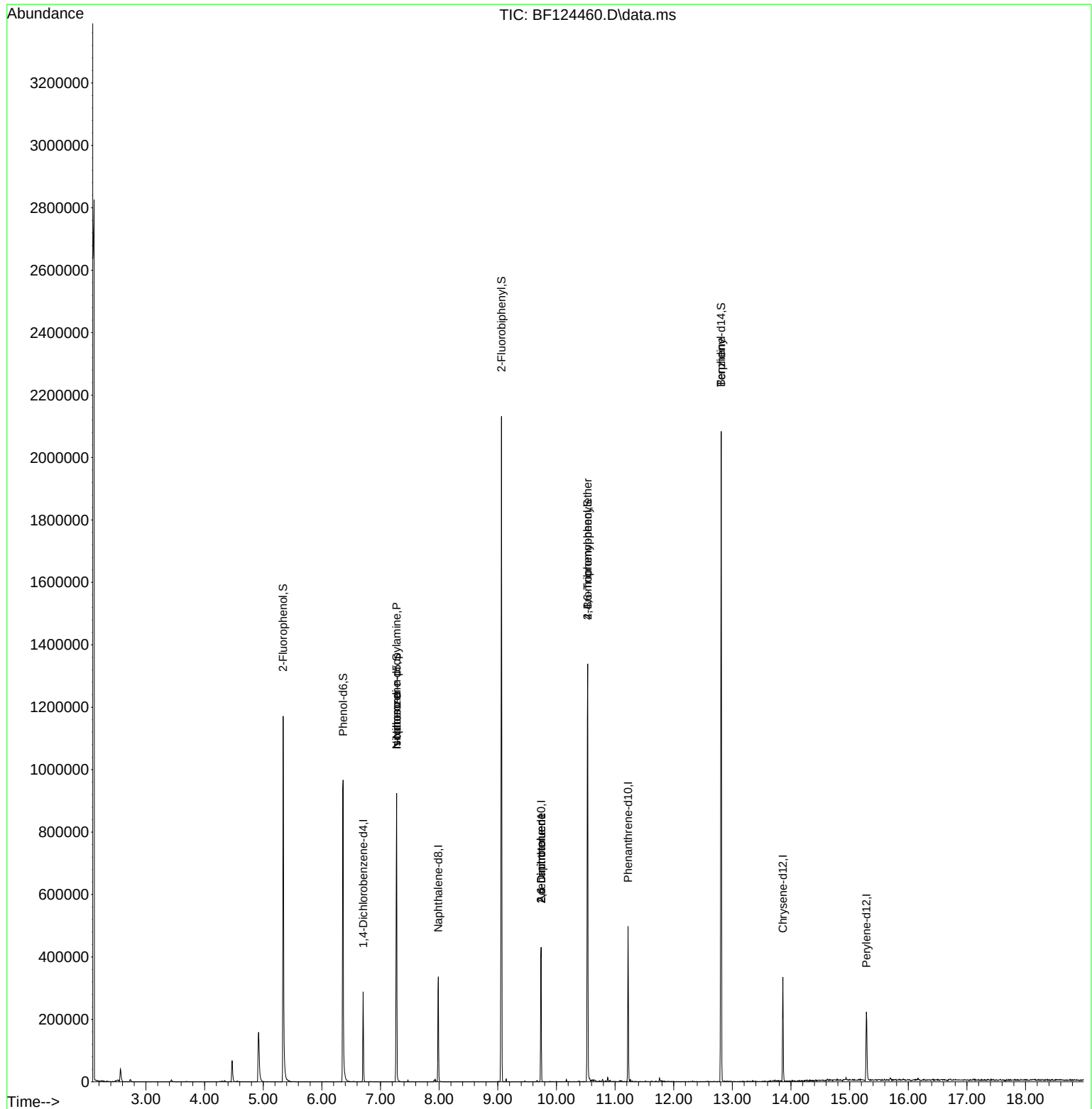
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	35939	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	136774	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	85893	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	158354	20.000	ng	0.00
76) Chrysene-d12	13.863	240	100400	20.000	ng	0.00
86) Perylene-d12	15.286	264	91509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	284643	124.560	ng	0.01
7) Phenol-d6	6.363	99	316483	106.068	ng	0.00
23) Nitrobenzene-d5	7.275	82	286061	86.718	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	150259	146.423	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	575845	82.126	ng	0.00
79) Terphenyl-d14	12.810	244	665635	99.301	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	38420	19.147	ng	# 60
25) Isophorone	7.275	82	286055	50.438	ng	# 69
51) 2,6-Dinitrotoluene	9.739	165	11532	7.372	ng	# 12
57) 2,4-Dinitrotoluene	9.739	165	11532	5.562	ng	# 17
67) 4-Bromophenyl-phenylether	10.533	248	10679	5.013	ng	# 1
77) Benzidine	12.810	184	11292	5.612	ng	# 96

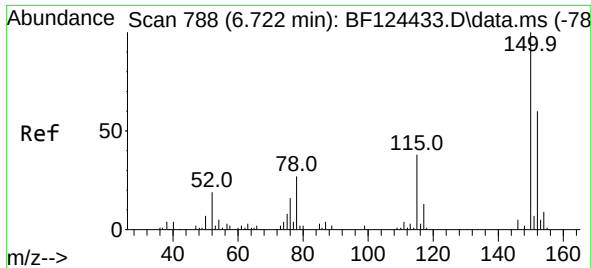
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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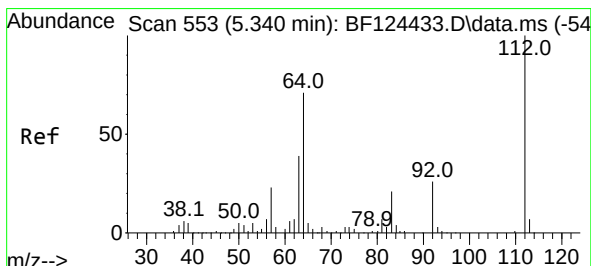
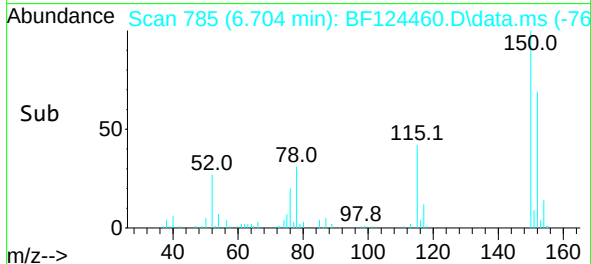
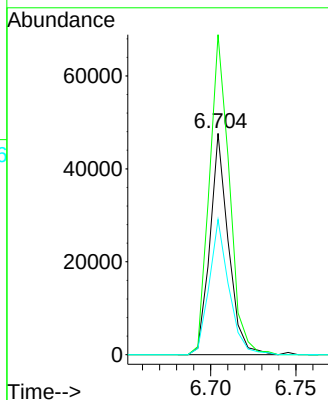
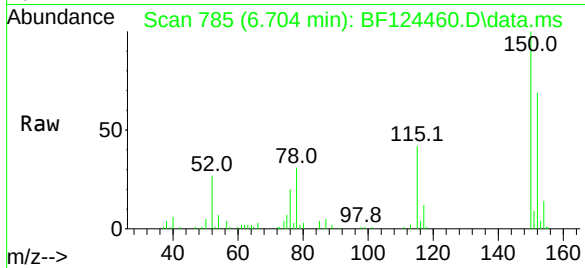




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

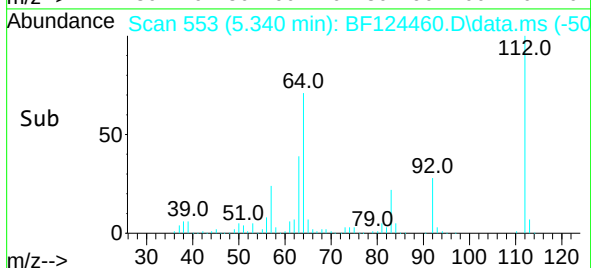
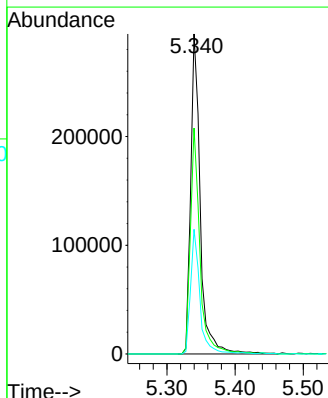
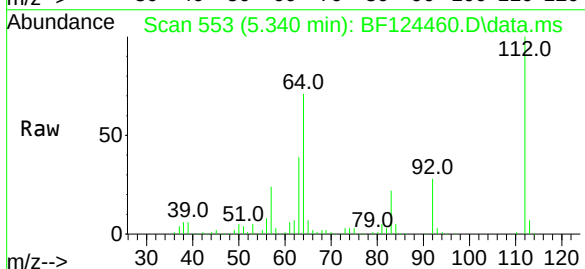
Instrument :
BNA_F
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15B-STOCKPILE-2A

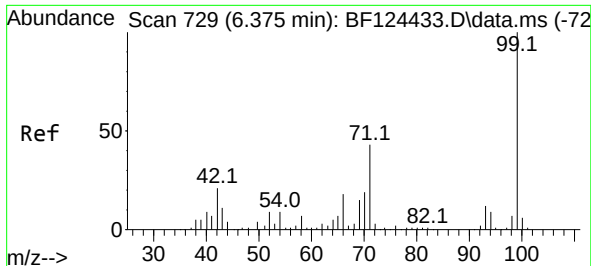
Tgt Ion:152 Resp: 35939
Ion Ratio Lower Upper
152 100
150 144.6 127.0 190.6
115 61.1 54.3 81.5



#5
2-Fluorophenol
Concen: 124.560 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

Tgt Ion:112 Resp: 284643
Ion Ratio Lower Upper
112 100
64 70.6 61.4 92.0
63 38.9 33.0 49.4

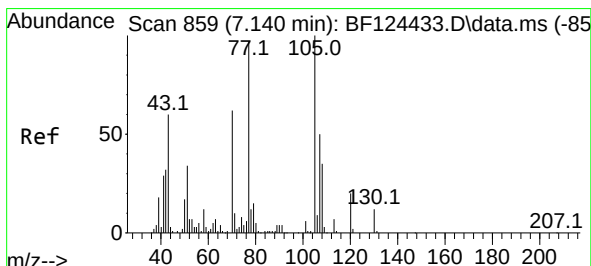
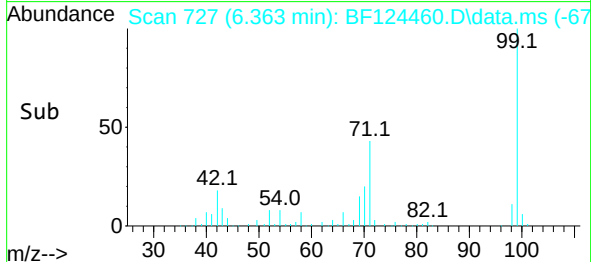
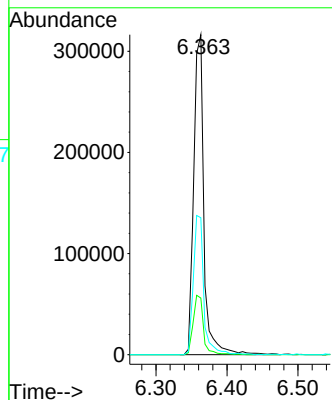
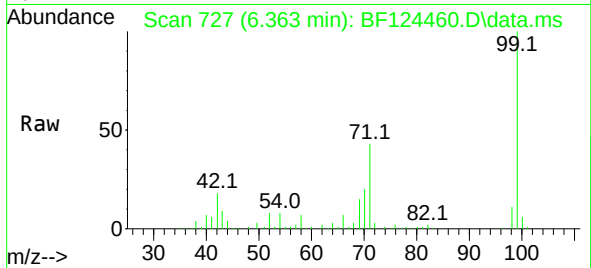




#7
Phenol-d6
Concen: 106.068 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

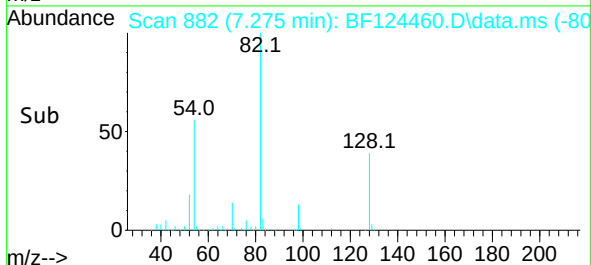
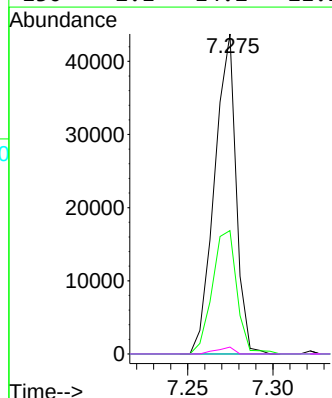
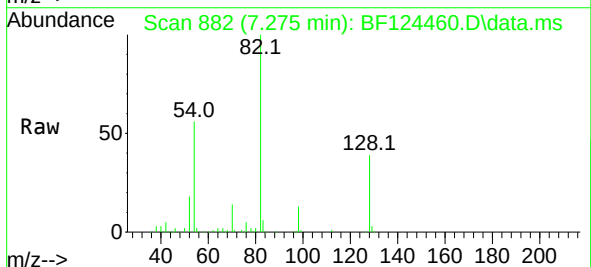
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2A

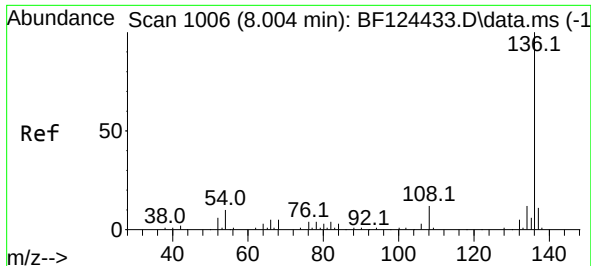
Tgt Ion: 99 Resp: 316483
Ion Ratio Lower Upper
99 100
42 17.7 19.8 29.8#
71 42.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.147 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

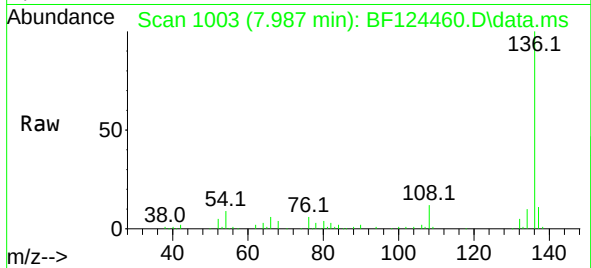
Tgt Ion: 70 Resp: 38420
Ion Ratio Lower Upper
70 100
42 38.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



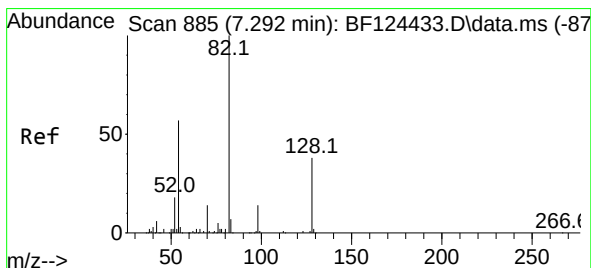
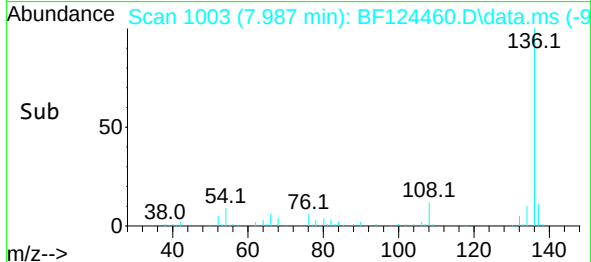
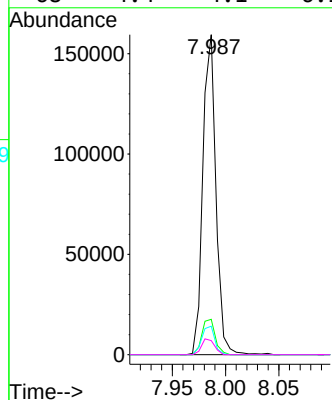


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

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

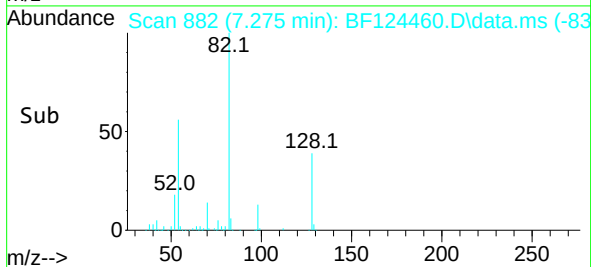
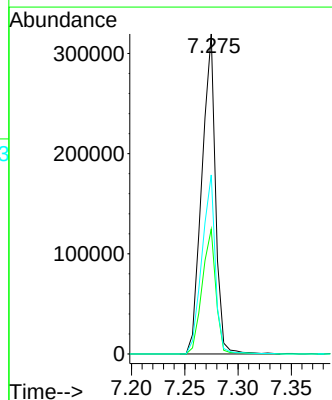
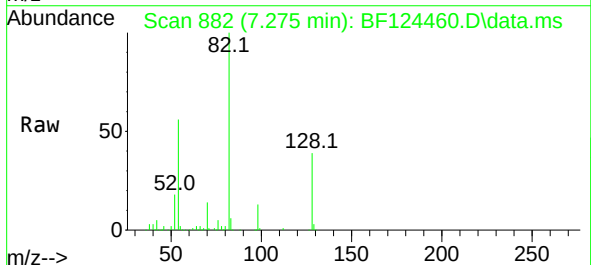


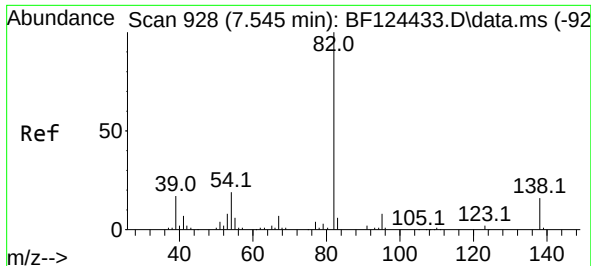
Tgt Ion:136 Resp: 136774
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.9 9.8 14.6#
68 4.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.718 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

Tgt Ion: 82 Resp: 286061
Ion Ratio Lower Upper
82 100
128 39.0 29.4 44.2
54 56.0 54.1 81.1

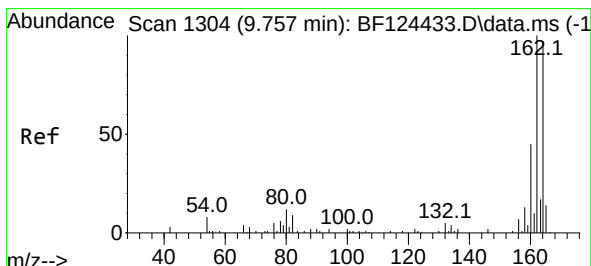
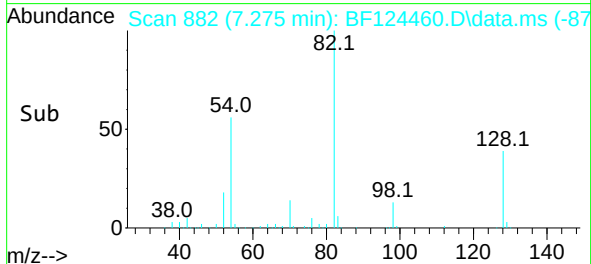
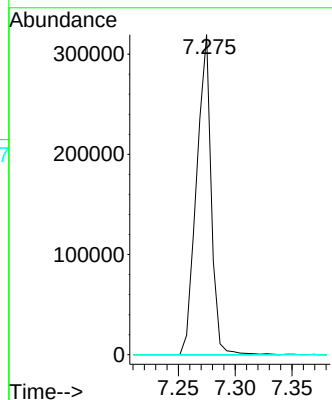
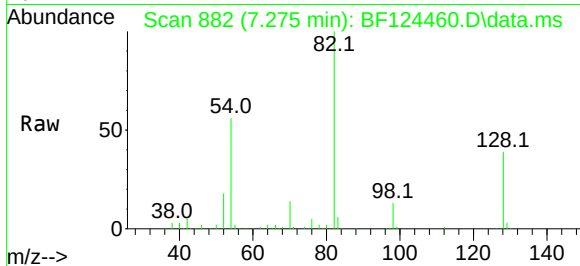




#25
Isophorone
Concen: 50.438 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.259 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

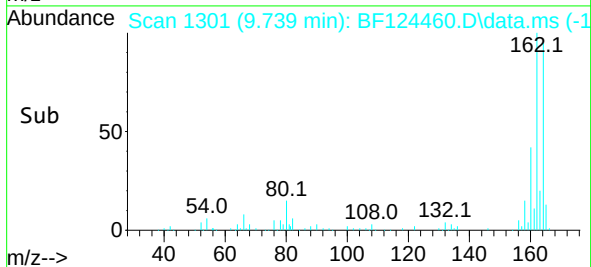
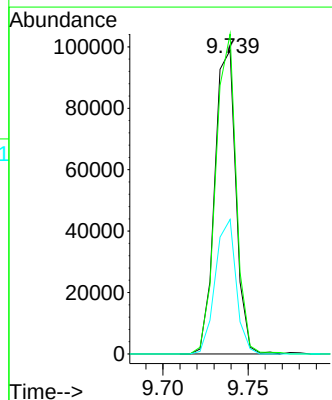
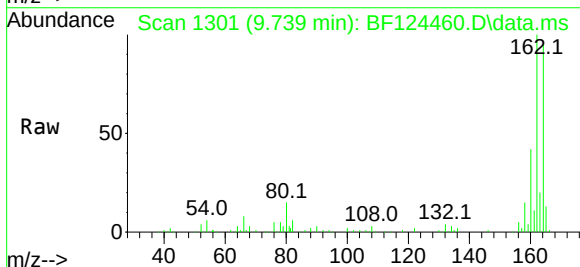
Instrument :
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ClientSampleId :
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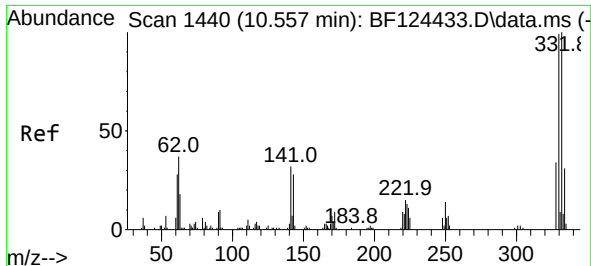
Tgt Ion: 82 Resp: 286055
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

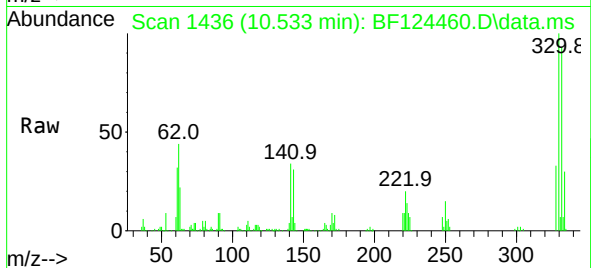
Tgt Ion: 164 Resp: 85893
Ion Ratio Lower Upper
164 100
162 105.4 80.7 121.1
160 44.3 37.3 55.9



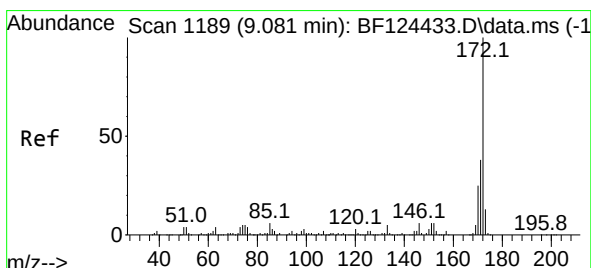
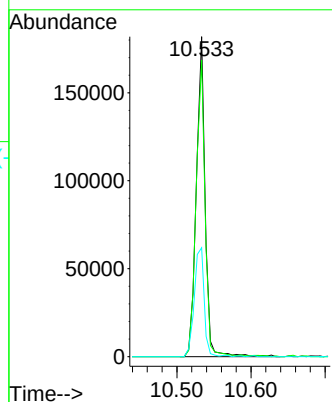
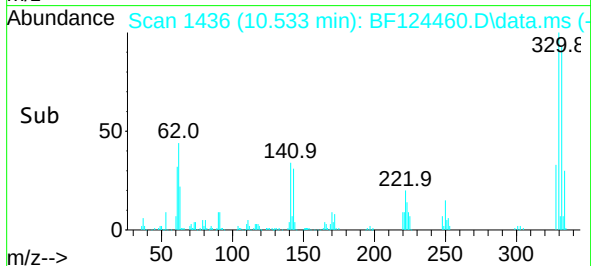


#42
2,4,6-Tribromophenol
Concen: 146.423 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

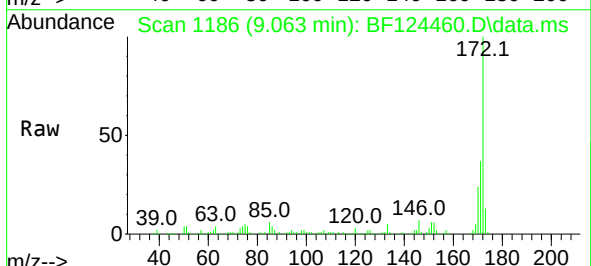
Instrument :
BNA_F
ClientSampleId :
15B-STOCKPILE-2A



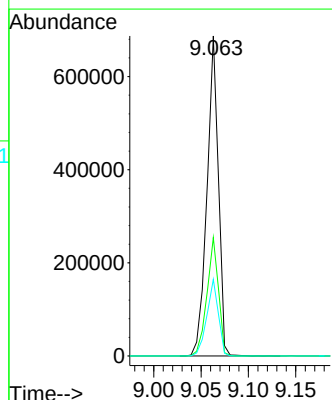
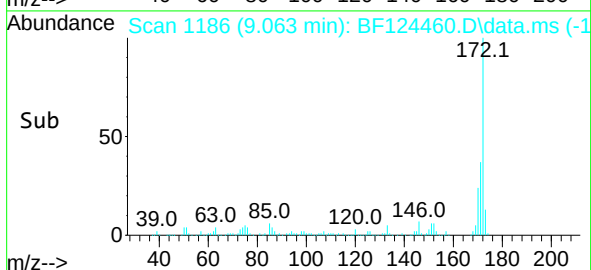
Tgt Ion:330 Resp: 150259
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 38.6 27.9 41.9

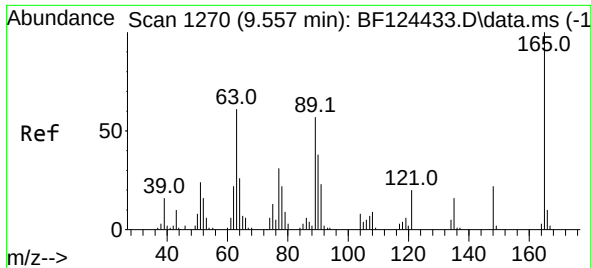


#45
2-Fluorobiphenyl
Concen: 82.126 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44



Tgt Ion:172 Resp: 575845
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 24.0 19.2 28.8

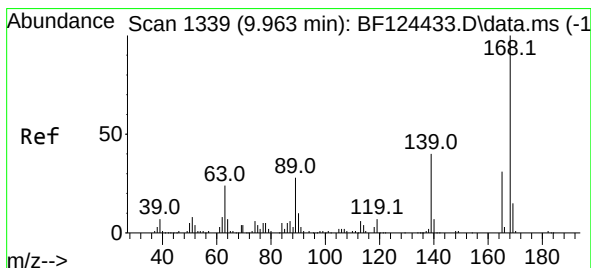
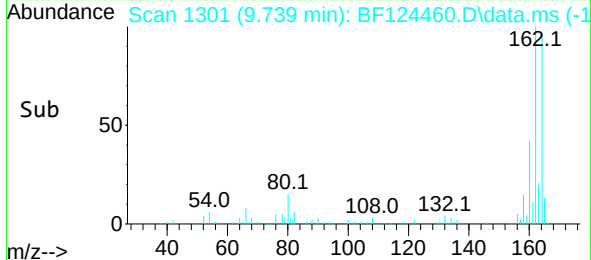
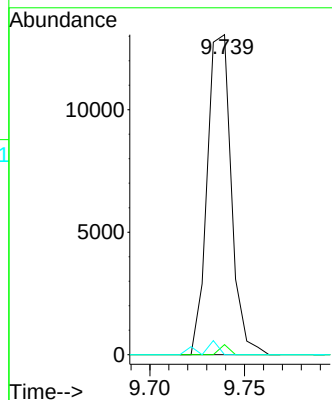
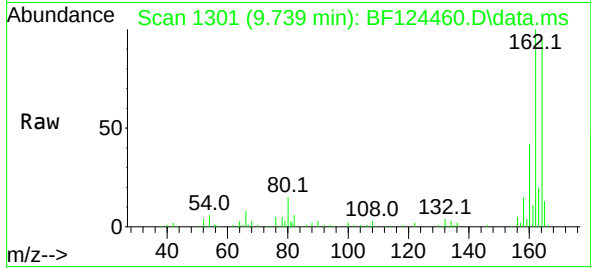




#51
2,6-Dinitrotoluene
Concen: 7.372 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.200 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

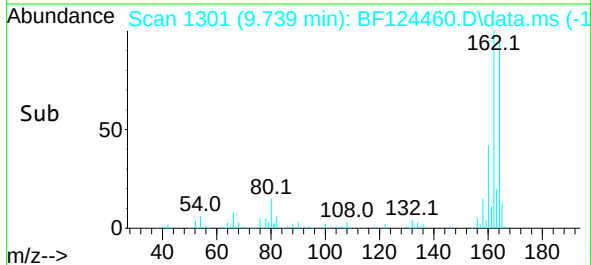
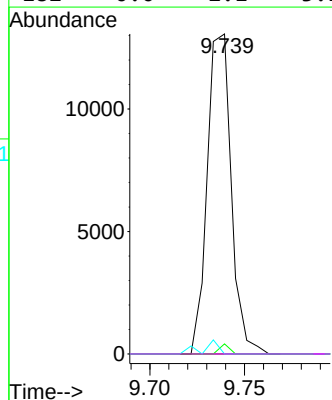
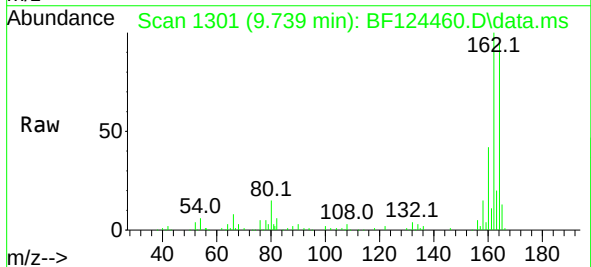
Instrument :
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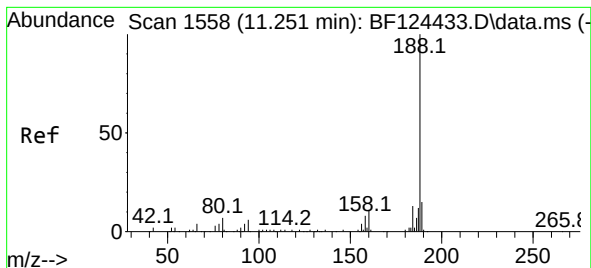
Tgt Ion:165 Resp: 11532
Ion Ratio Lower Upper
165 100
63 3.2 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.562 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.206 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

Tgt Ion:165 Resp: 11532
Ion Ratio Lower Upper
165 100
63 3.2 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

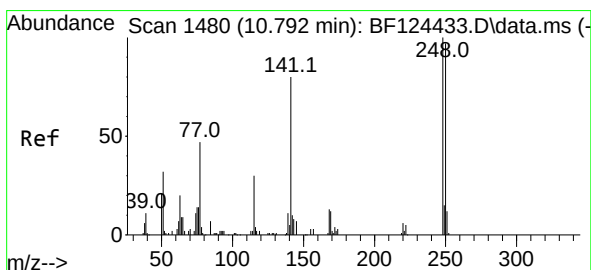
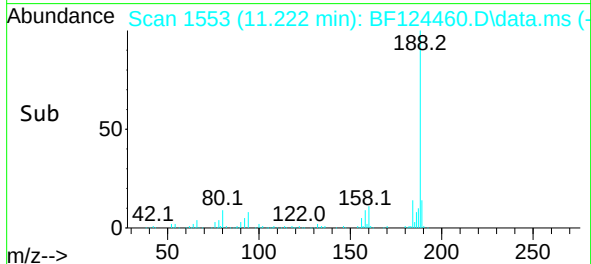
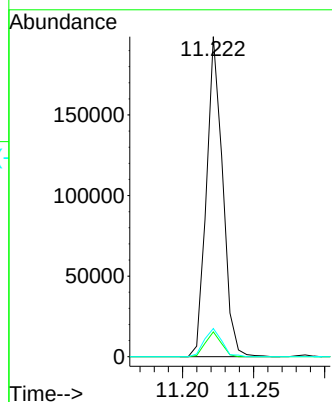
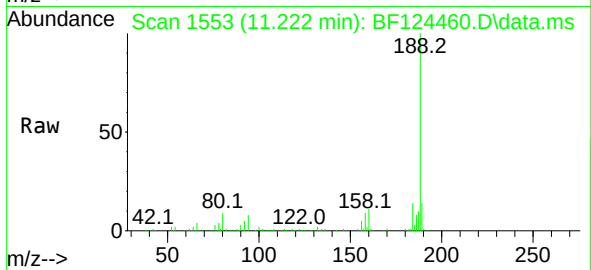




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

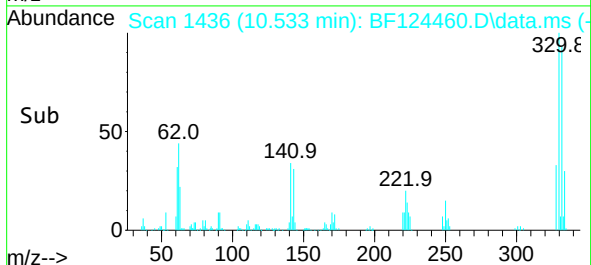
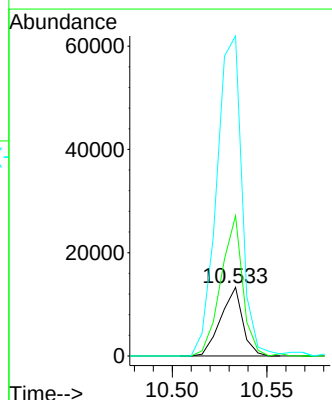
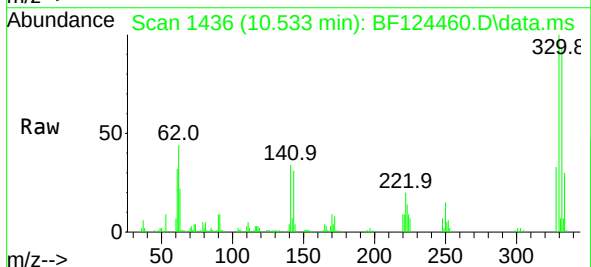
Instrument :
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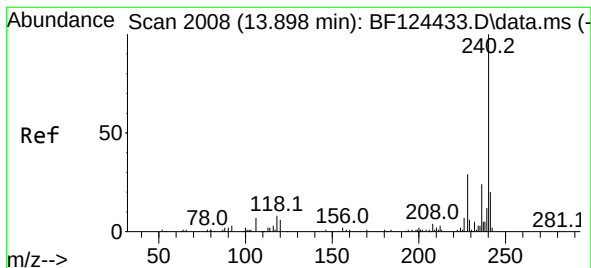
Tgt Ion:188 Resp: 158354
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.013 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.235 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

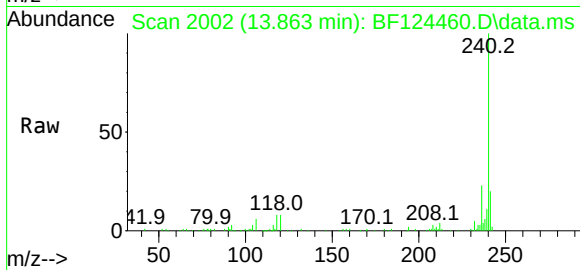
Tgt Ion:248 Resp: 10679
Ion Ratio Lower Upper
248 100
250 204.2 77.4 116.2#
141 466.2 63.7 95.5#



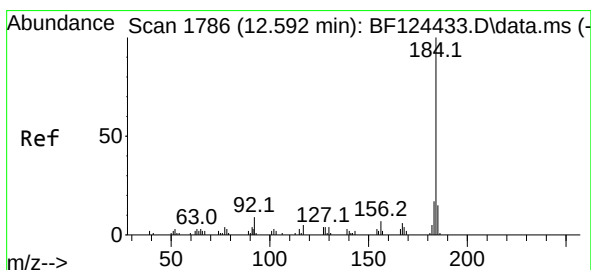
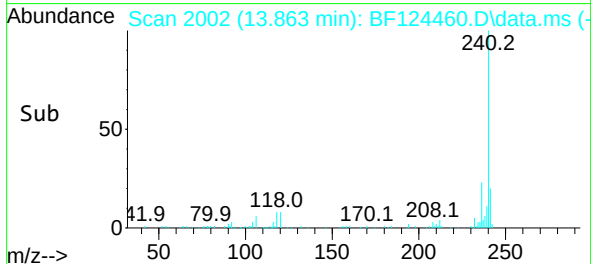
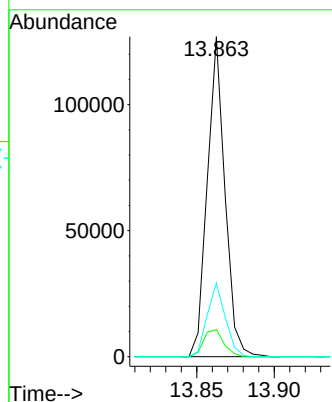


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

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

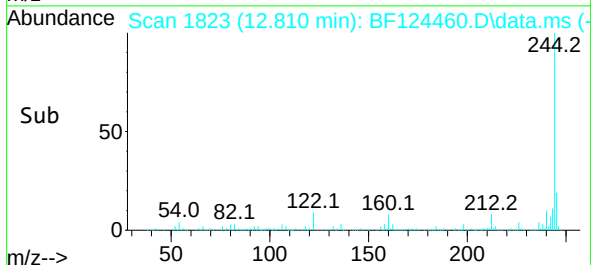
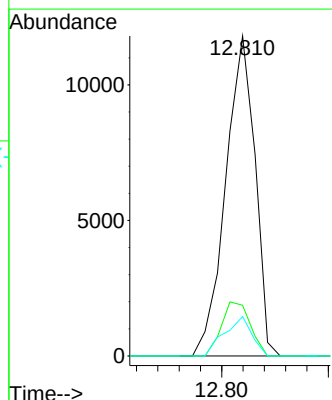
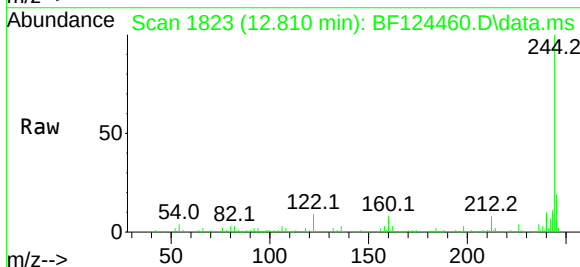


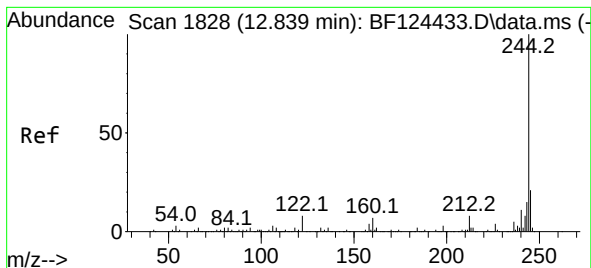
Tgt Ion:240 Resp: 100400
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 23.0 19.0 28.4



#77
Benzidine
Concen: 5.612 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF124460.D
Acq: 25 Jun 2021 19:44

Tgt Ion:184 Resp: 11292
Ion Ratio Lower Upper
184 100
185 15.9 12.1 18.1
183 12.4 7.8 11.8#





#79

Terphenyl-d14

Concen: 99.301 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.000 min

Lab File: BF124460.D

Acq: 25 Jun 2021 19:44

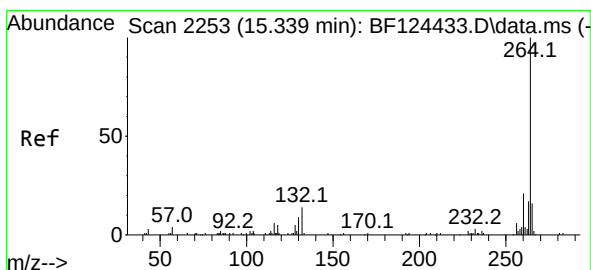
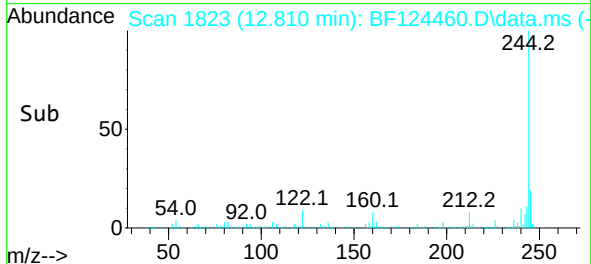
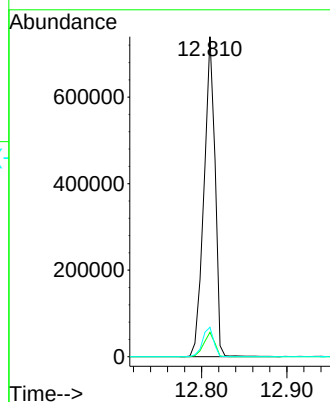
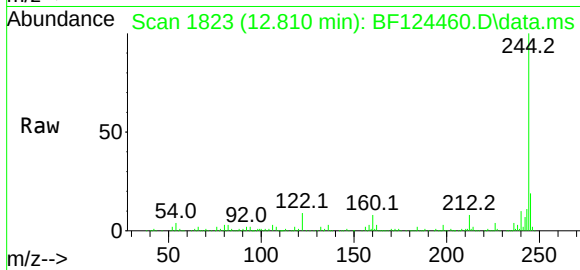
Tgt Ion:244 Resp: 665635

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 9.2 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: BF124460.D

Acq: 25 Jun 2021 19:44

Tgt Ion:264 Resp: 91509

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 21.3 17.8 26.8

