

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127806.D
 Acq On : 15 Apr 2022 16:30
 Operator : CG\JU
 Sample : N2394-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-5-(DUMPSTER-LEFT)

Quant Time: Apr 18 01:25:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

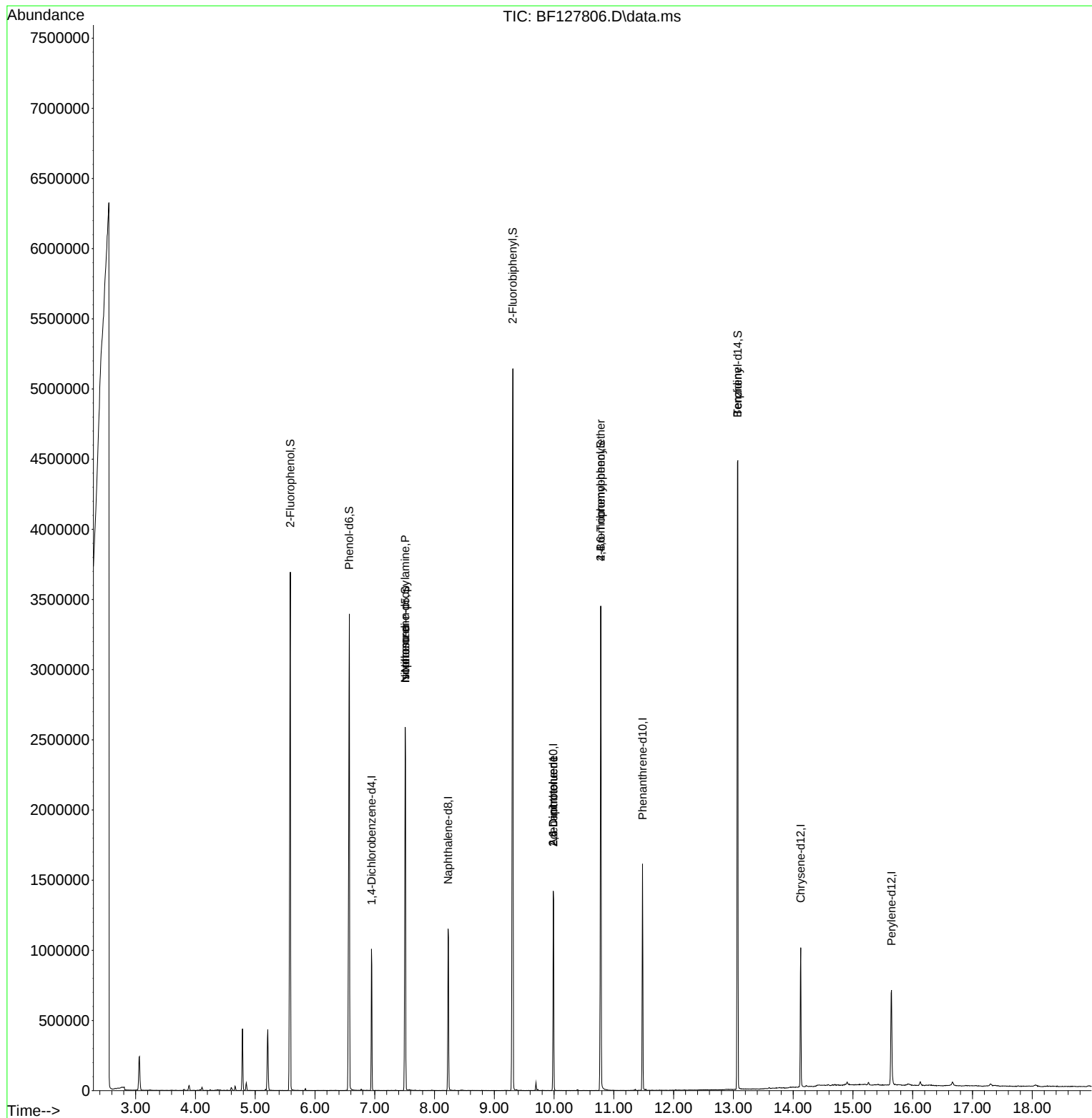
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	145319	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	541714	20.000	ng	#-0.02
39) Acenaphthene-d10	9.986	164	311733	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	552690	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	346648	20.000	ng	-0.02
86) Perylene-d12	15.645	264	339273	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1000364	111.857	ng	0.00
7) Phenol-d6	6.575	99	1187358	101.487	ng	-0.01
23) Nitrobenzene-d5	7.510	82	986606	81.194	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	431935	130.207	ng	-0.02
45) 2-Fluorobiphenyl	9.310	172	1736212	78.791	ng	-0.01
79) Terphenyl-d14	13.074	244	1805882	85.989	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	2266	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.510	70	133755	17.676	ng	# 76
25) Isophorone	7.510	82	984399	46.428	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	39709	9.323	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	39709	7.520	ng	# 13
67) 4-Bromophenyl-phenylether	10.780	248	28432	4.239	ng	# 1
77) Benizidine	13.069	184	24797	2.741	ng	# 93

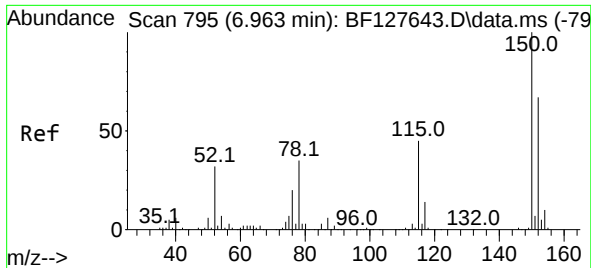
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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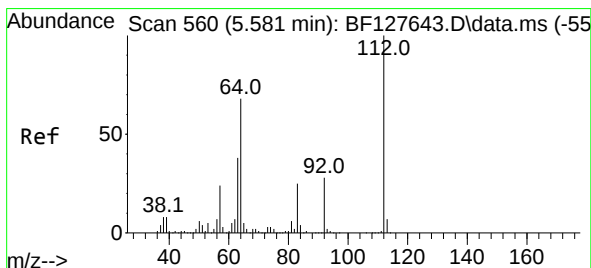
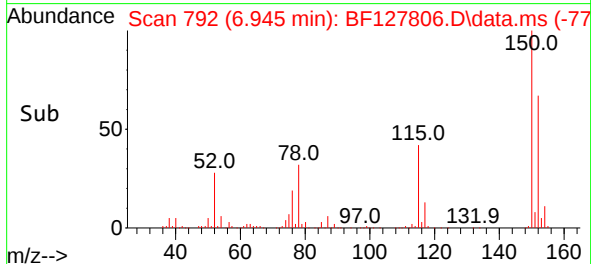
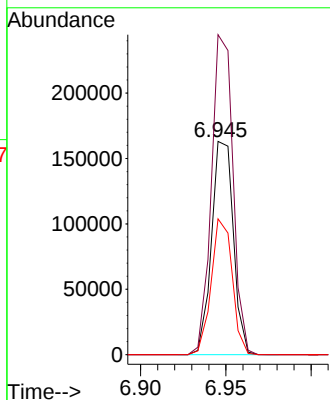
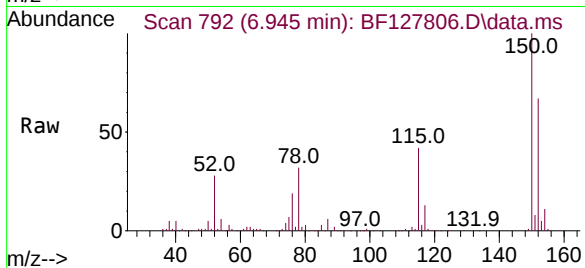




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

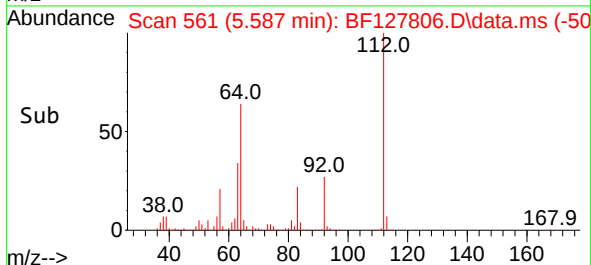
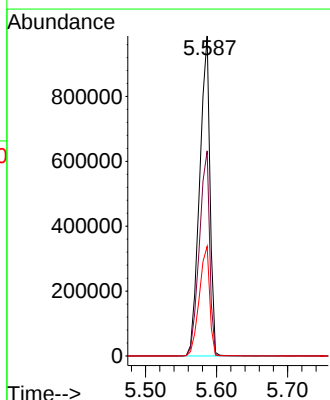
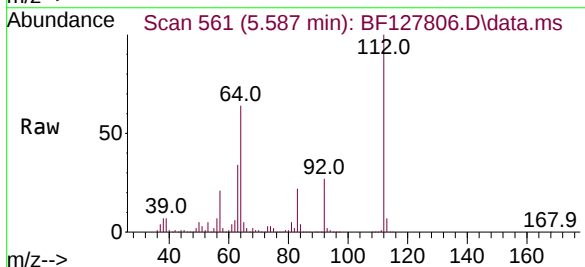
Instrument :
BNA_F
ClientSampleId :
CS-5-(DUMPSTER-LEFT)

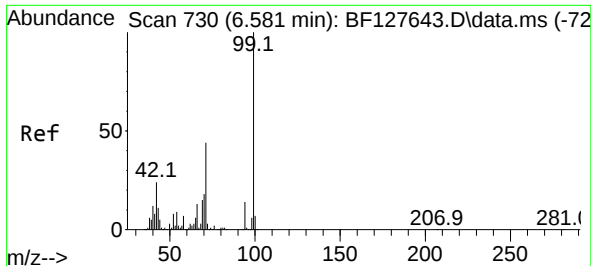
Tgt Ion:152 Resp: 145319
Ion Ratio Lower Upper
152 100
150 150.0 117.2 175.8
115 63.7 49.8 74.6



#5
2-Fluorophenol
Concen: 111.857 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

Tgt Ion:112 Resp: 1000364
Ion Ratio Lower Upper
112 100
64 64.1 58.4 87.6
63 34.2 30.1 45.1

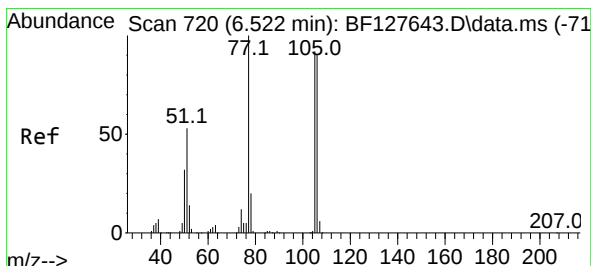
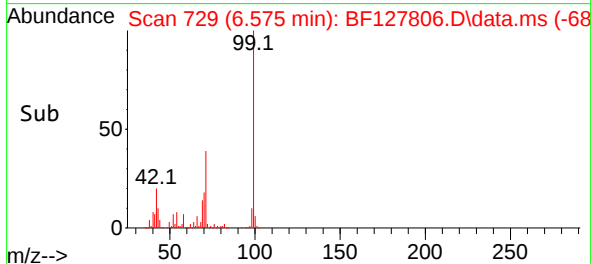
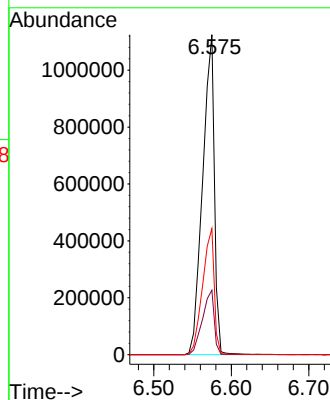
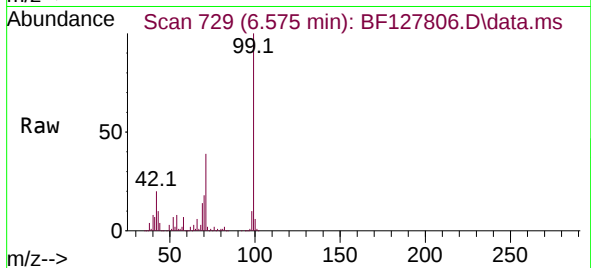




#7
Phenol-d6
Concen: 101.487 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

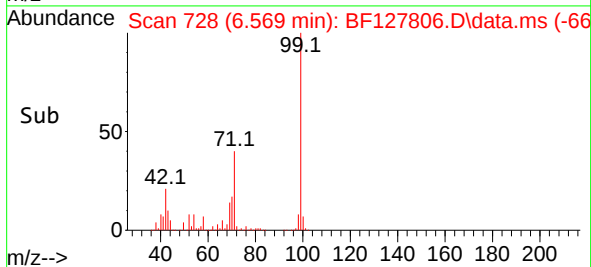
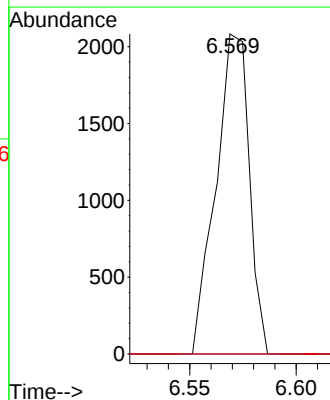
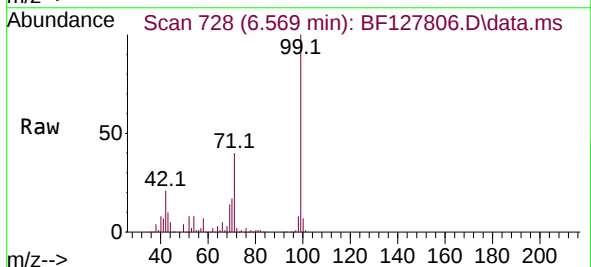
Instrument :
BNA_F
ClientSampleId :
CS-5-(DUMPSTER-LEFT)

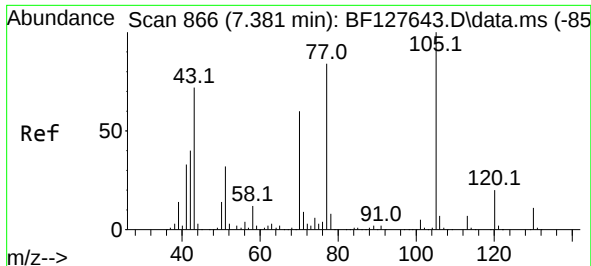
Tgt Ion: 99 Resp: 1187358
Ion Ratio Lower Upper
99 100
42 20.2 17.8 26.6
71 39.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.053 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

Tgt Ion: 77 Resp: 2266
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 17.676 ng

RT: 7.510 min Scan# 81

Delta R.T. 0.135 min

Lab File: BF127806.D

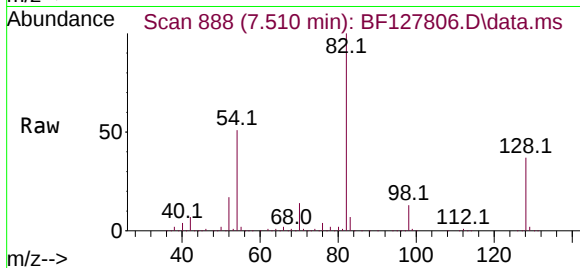
Acq: 15 Apr 2022 16:30

Instrument :

BNA_F

ClientSampleId :

CS-5-(DUMPSTER-LEFT)



Tgt Ion: 70 Resp: 133755

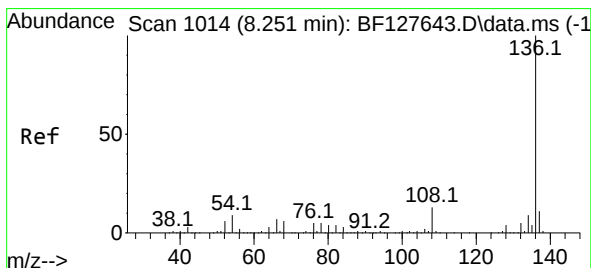
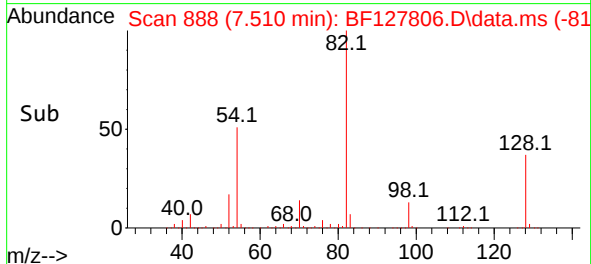
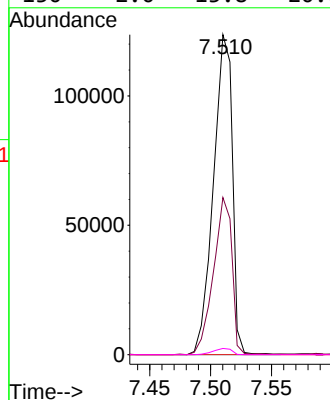
Ion Ratio Lower Upper

70 100

42 49.1 53.0 79.6#

101 0.0 6.8 10.2#

130 2.0 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BF127806.D

Acq: 15 Apr 2022 16:30

Tgt Ion: 136 Resp: 541714

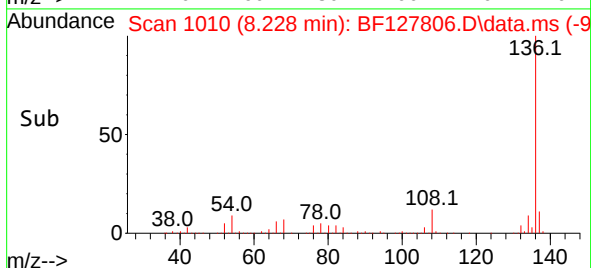
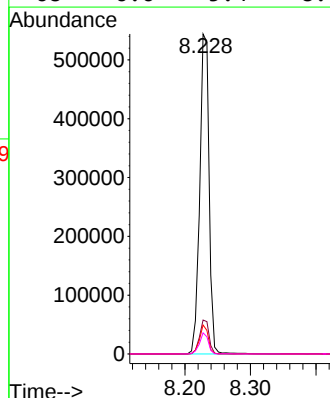
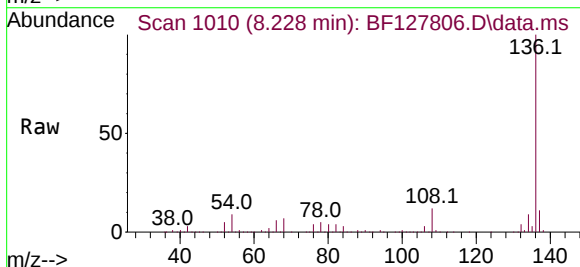
Ion Ratio Lower Upper

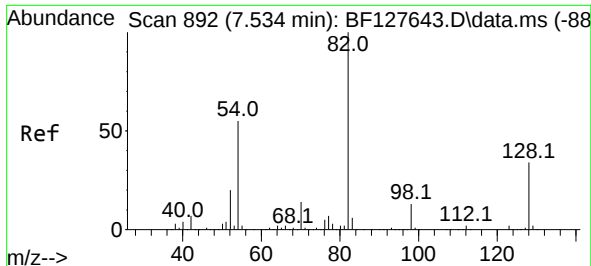
136 100

137 10.6 8.6 13.0

54 9.0 9.2 13.8#

68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 81.194 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127806.D

Acq: 15 Apr 2022 16:30

Instrument :

BNA_F

ClientSampleId :

CS-5-(DUMPSTER-LEFT)

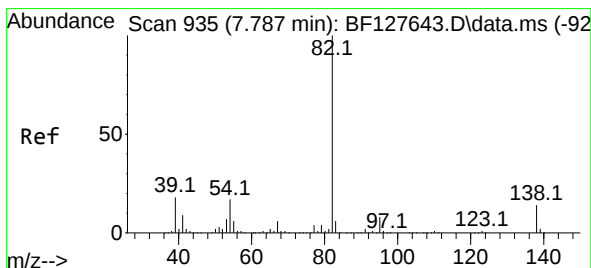
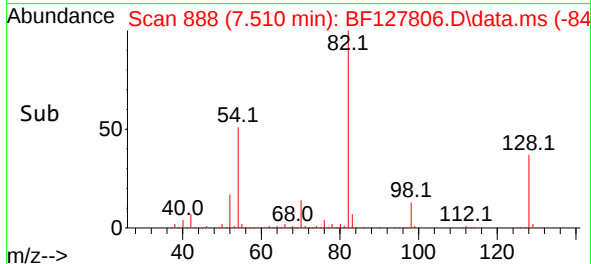
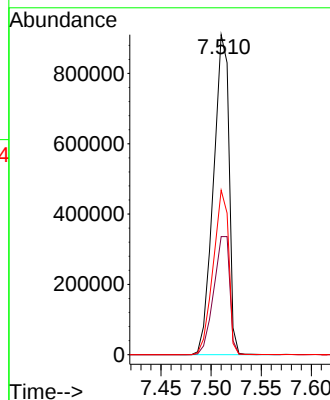
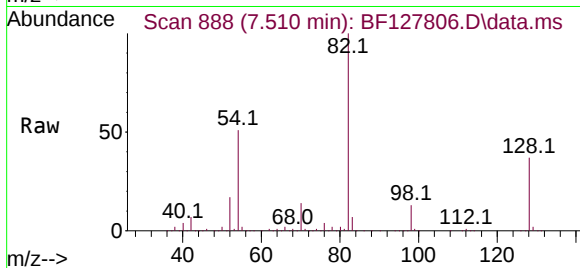
Tgt Ion: 82 Resp: 986606

Ion Ratio Lower Upper

82 100

128 36.9 30.6 45.8

54 51.4 48.2 72.2



#25

Isophorone

Concen: 46.428 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.277 min

Lab File: BF127806.D

Acq: 15 Apr 2022 16:30

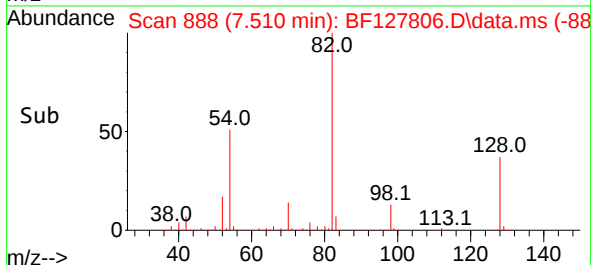
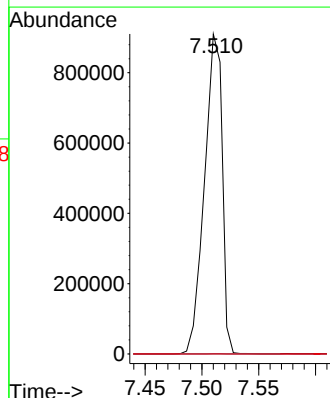
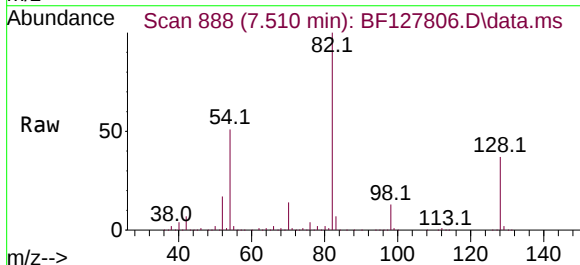
Tgt Ion: 82 Resp: 984399

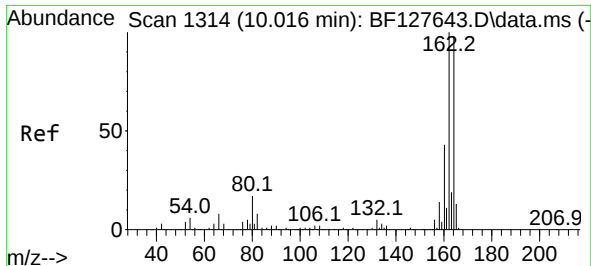
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

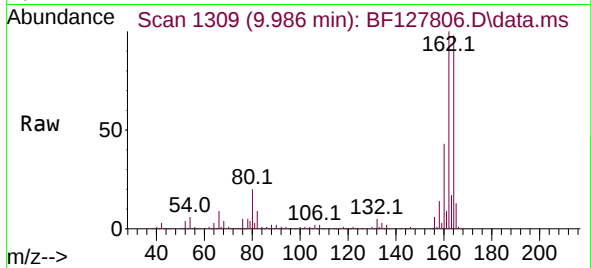
138 0.0 11.6 17.4#



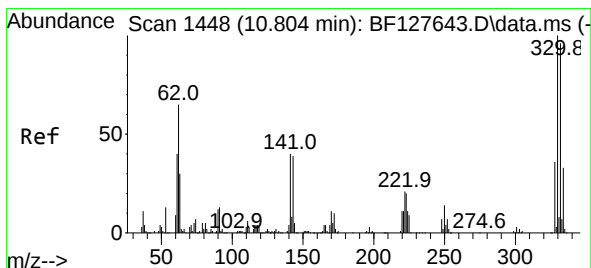
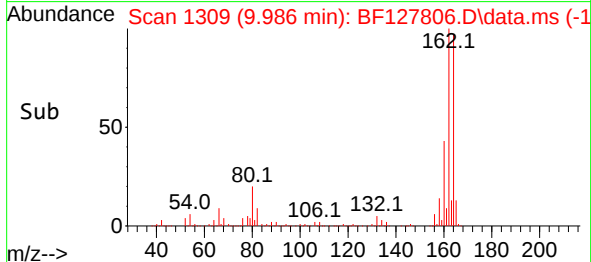
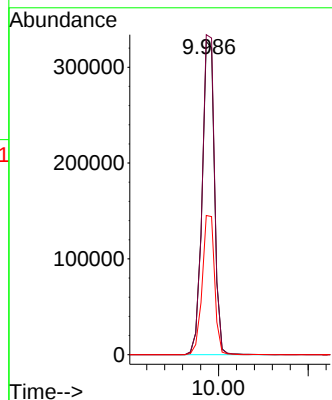


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

Instrument :
BNA_F
ClientSampleId :
CS-5-(DUMPSTER-LEFT)

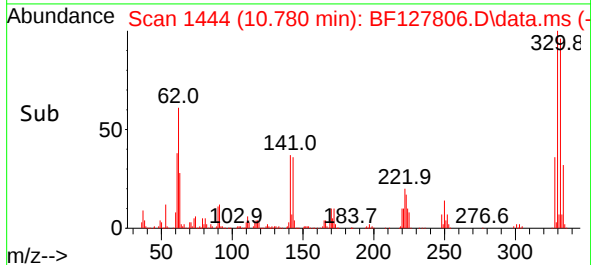
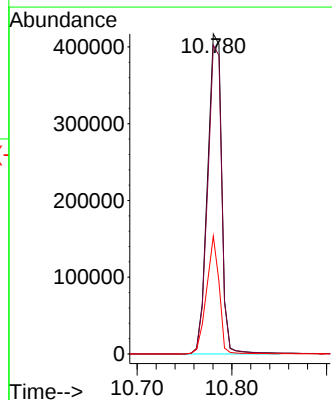
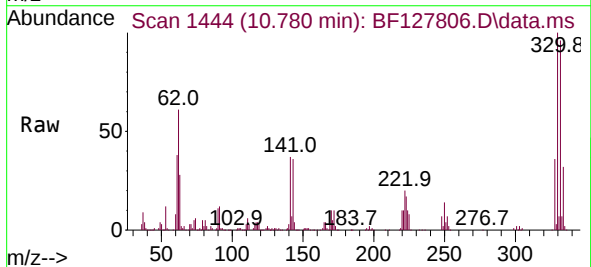


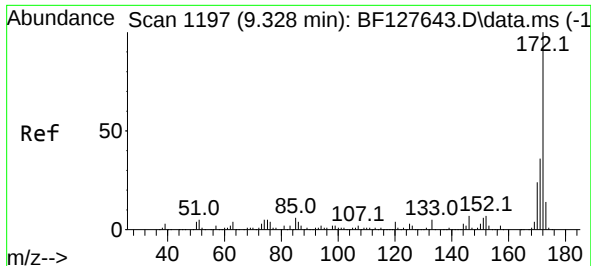
Tgt Ion:164 Resp: 311733
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 130.207 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

Tgt Ion:330 Resp: 431935
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 33.0 26.2 39.4

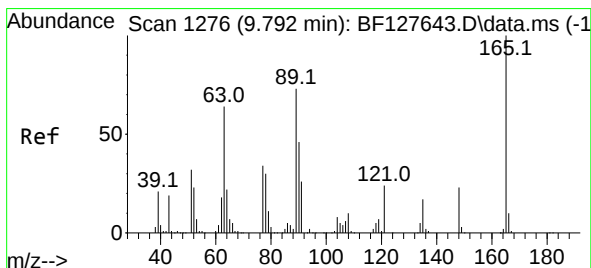
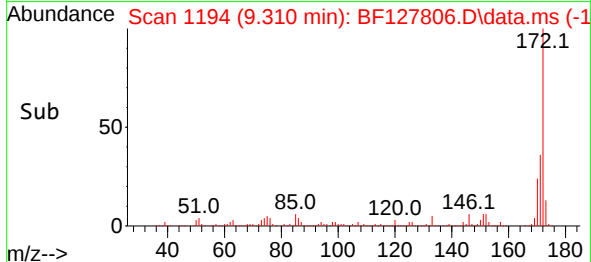
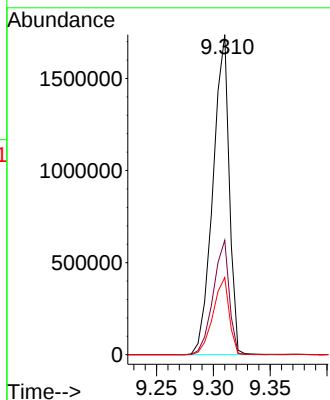
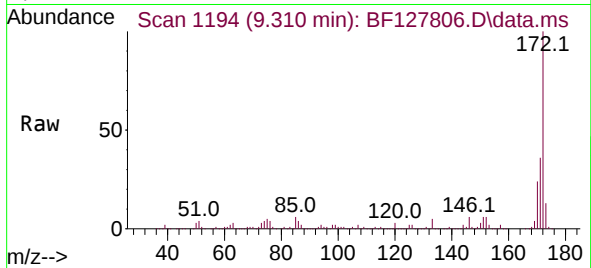




#45
2-Fluorobiphenyl
Concen: 78.791 ng
RT: 9.310 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

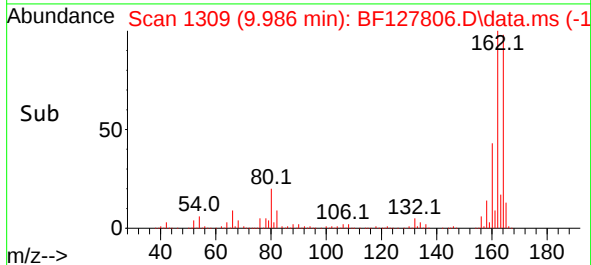
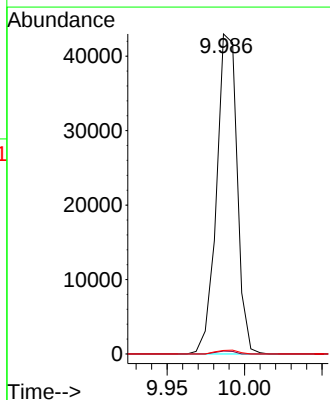
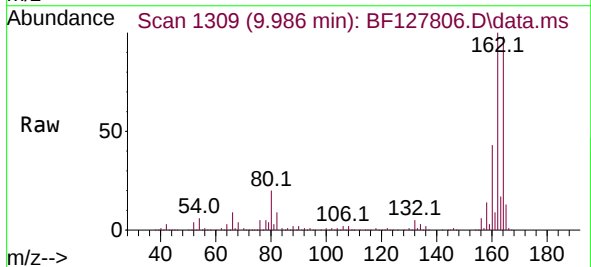
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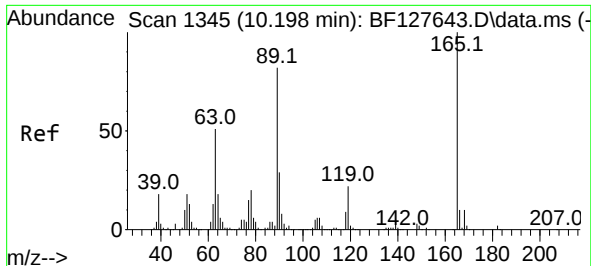
Tgt Ion:172 Resp: 1736212
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.323 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

Tgt Ion:165 Resp: 39709
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 1.1 51.5 77.3#

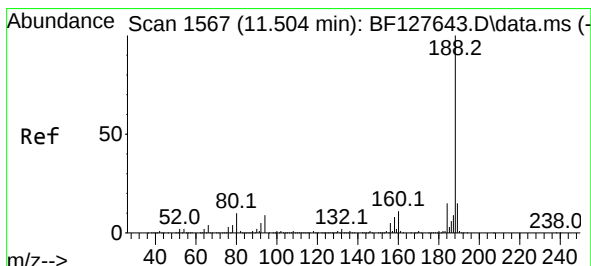
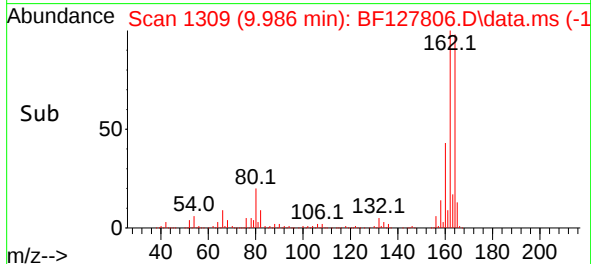
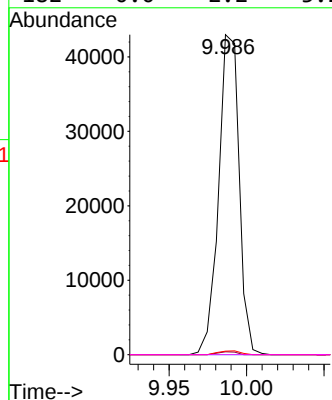
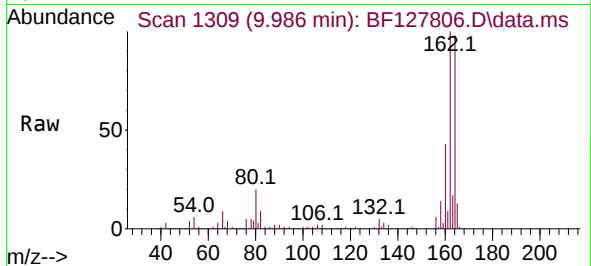




#57
2,4-Dinitrotoluene
Concen: 7.520 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

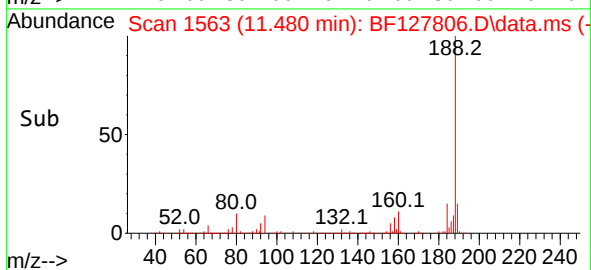
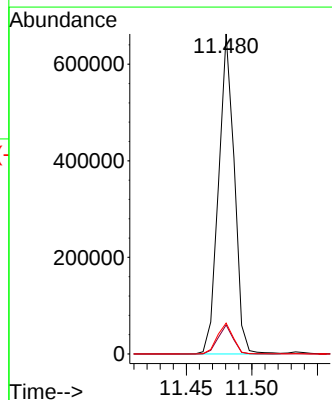
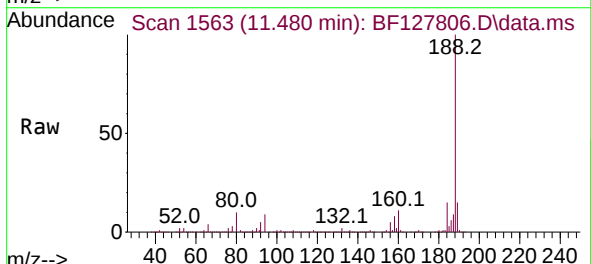
Instrument :
BNA_F
ClientSampleId :
CS-5-(DUMPSTER-LEFT)

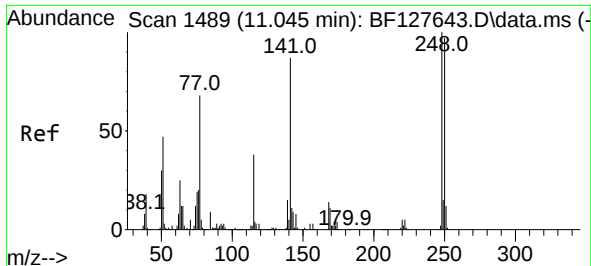
Tgt Ion:165 Resp: 39709
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

Tgt Ion:188 Resp: 552690
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 9.6 8.0 12.0





#67

4-Bromophenyl-phenylether

Concen: 4.239 ng

RT: 10.780 min Scan# 1489

Delta R.T. -0.259 min

Lab File: BF127806.D

Acq: 15 Apr 2022 16:30

Instrument :

BNA_F

ClientSampleId :

CS-5-(DUMPSTER-LEFT)

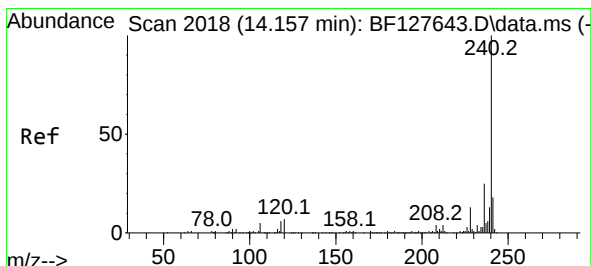
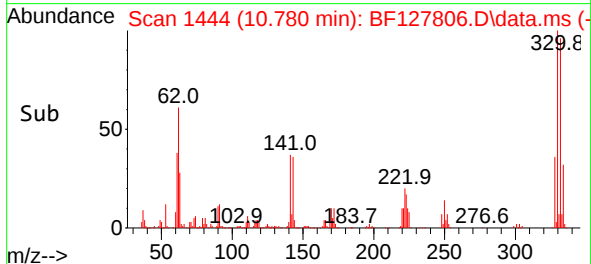
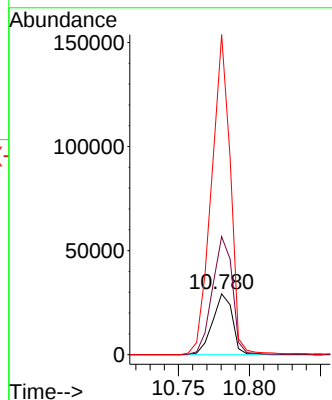
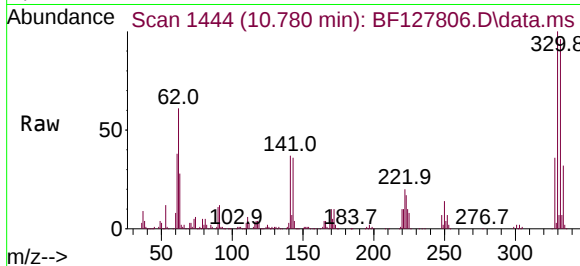
Tgt Ion:248 Resp: 28432

Ion Ratio Lower Upper

248 100

250 194.0 76.6 115.0#

141 525.7 52.2 78.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.018 min

Lab File: BF127806.D

Acq: 15 Apr 2022 16:30

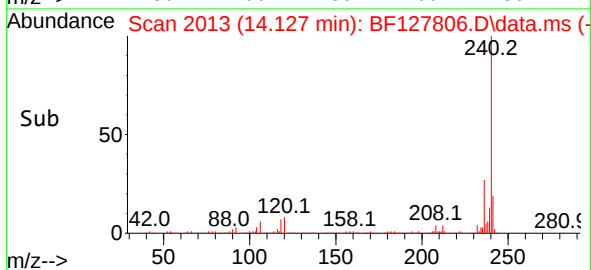
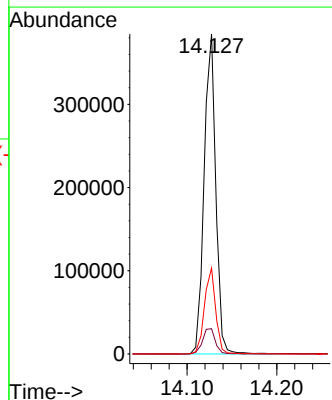
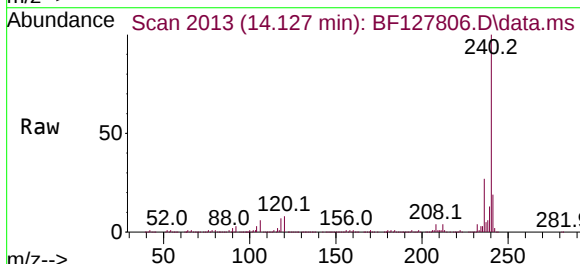
Tgt Ion:240 Resp: 346648

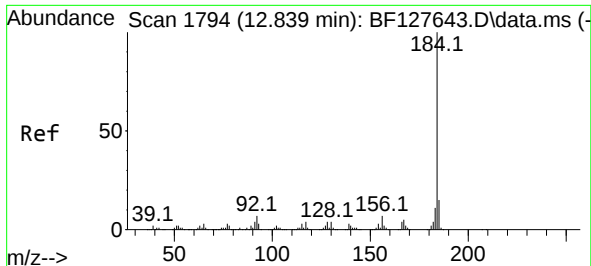
Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

236 26.8 20.7 31.1

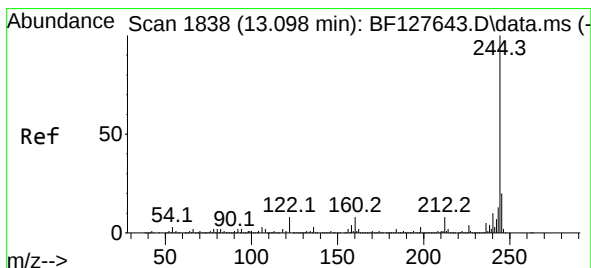
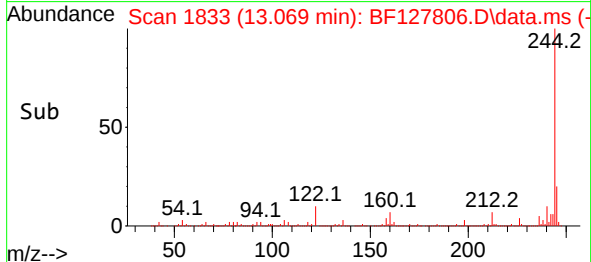
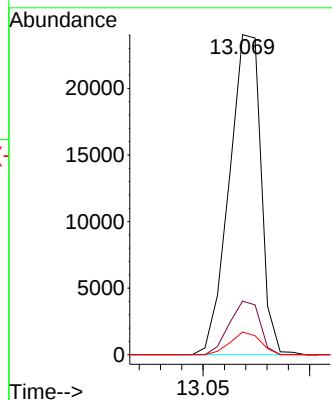
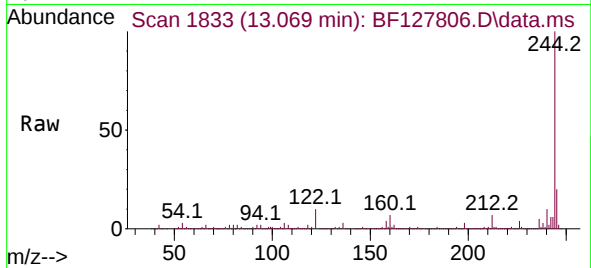




#77
Benzidine
Concen: 2.741 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

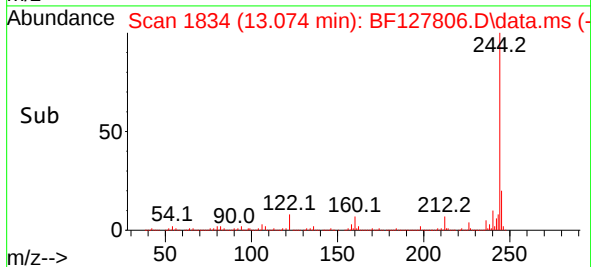
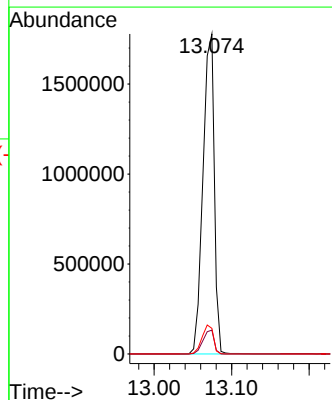
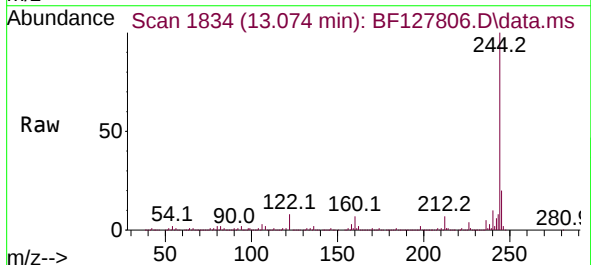
Instrument :
BNA_F
ClientSampleId :
CS-5-(DUMPSTER-LEFT)

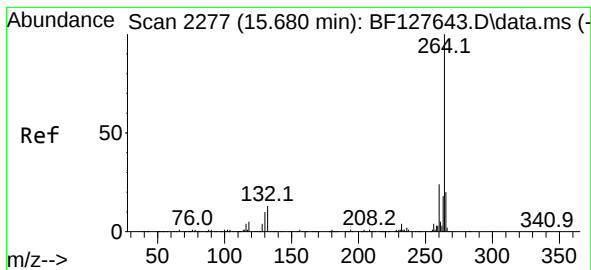
Tgt Ion:184 Resp: 24797
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 7.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 85.989 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127806.D
Acq: 15 Apr 2022 16:30

Tgt Ion:244 Resp: 1805882
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.0 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF127806.D

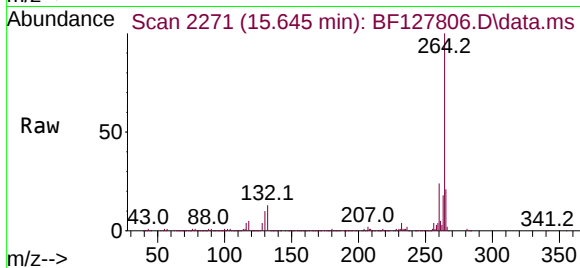
Acq: 15 Apr 2022 16:30

Instrument :

BNA_F

ClientSampleId :

CS-5-(DUMPSTER-LEFT)



Tgt Ion:264 Resp: 339273

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 20.9 17.4 26.2

