

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127807.D
 Acq On : 15 Apr 2022 16:59
 Operator : CG\JU
 Sample : N2394-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-6-(DUMPSTER-LEFT)

Quant Time: Apr 18 01:25:20 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)

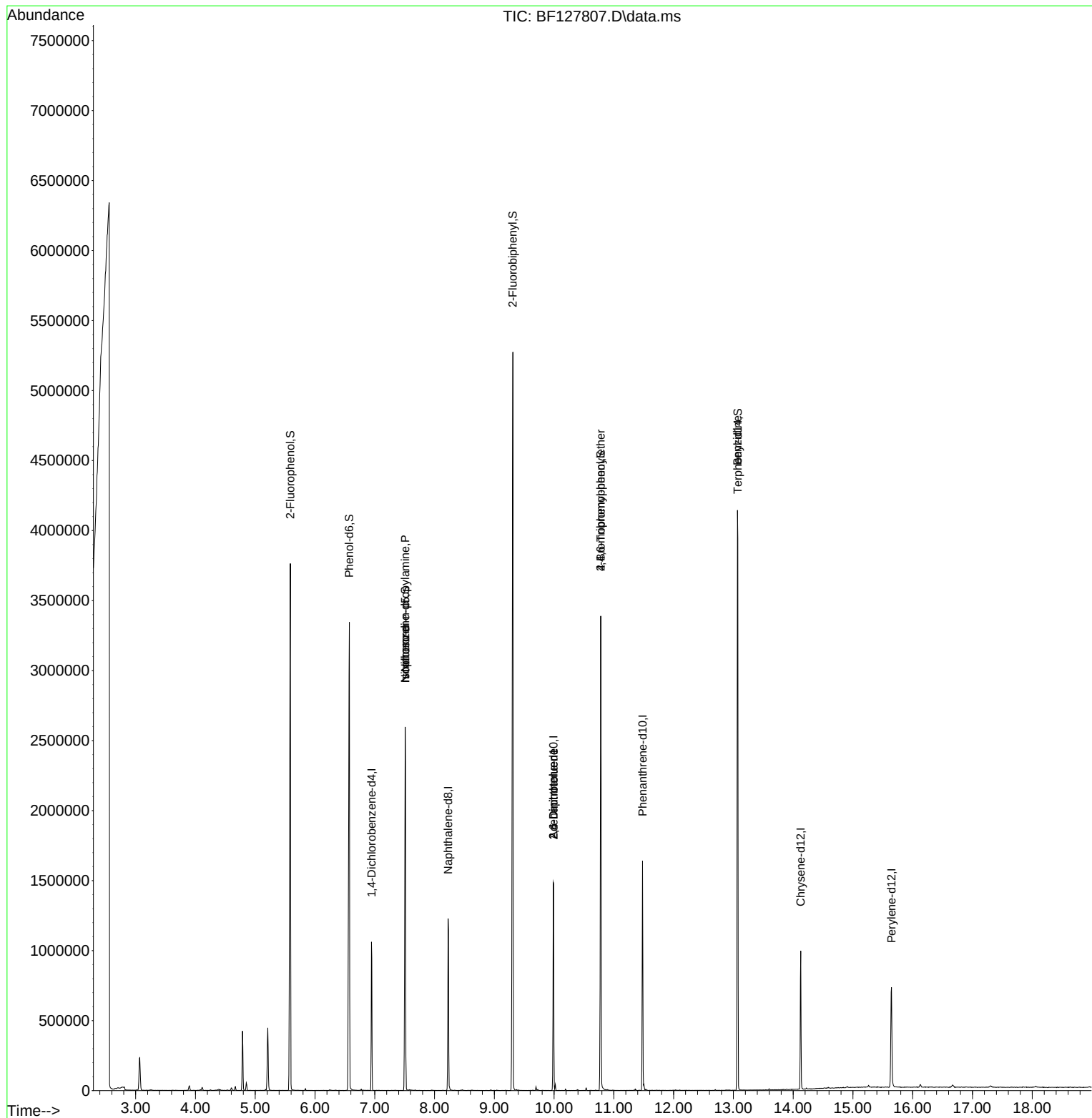
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	152865	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	576611	20.000	ng	#-0.02
39) Acenaphthene-d10	9.992	164	326557	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	552279	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	343183	20.000	ng	-0.02
86) Perylene-d12	15.645	264	357569	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1022995	108.741	ng	0.00
7) Phenol-d6	6.575	99	1227021	99.700	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1008168	77.948	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	411301	118.358	ng	-0.02
45) 2-Fluorobiphenyl	9.310	172	1747766	75.714	ng	-0.01
79) Terphenyl-d14	13.074	244	1655997	79.648	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	2615	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.510	70	137288	17.247	ng	# 74
25) Isophorone	7.510	82	1006507	44.597	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	42809	9.595	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	42809	7.739	ng	# 13
67) 4-Bromophenyl-phenylether	10.780	248	27292	4.072	ng	# 1
77) Benizidine	13.068	184	23680	2.644	ng	# 93

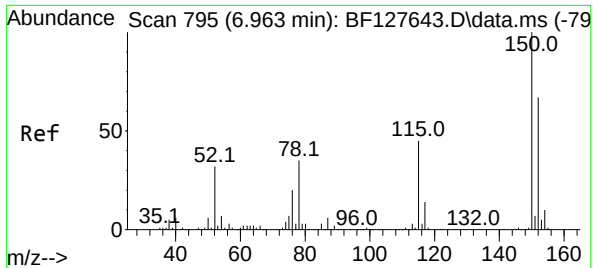
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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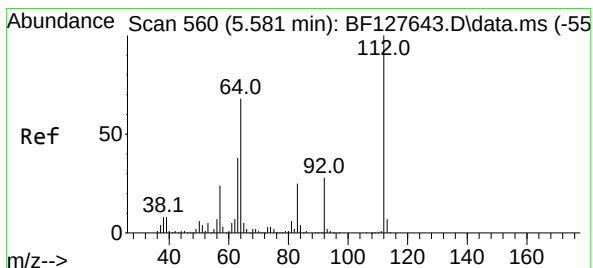
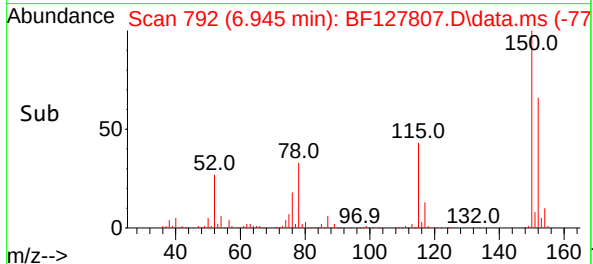
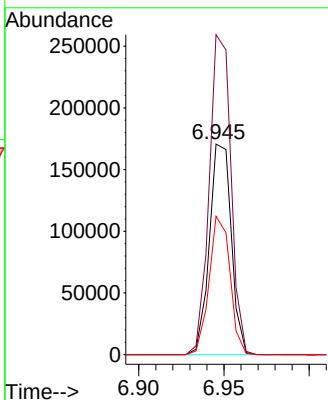
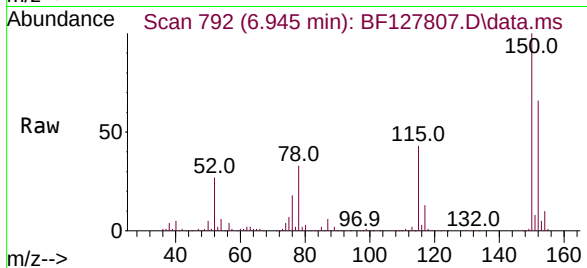




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

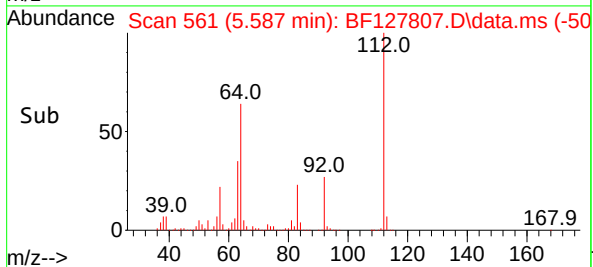
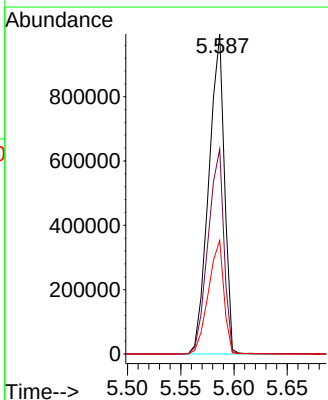
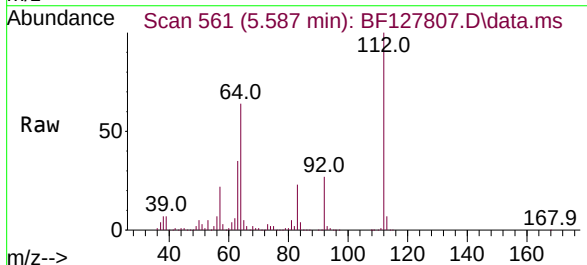
Instrument :
BNA_F
ClientSampleId :
CS-6-(DUMPSTER-LEFT)

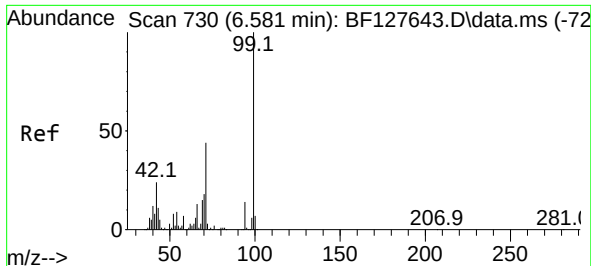
Tgt Ion:152 Resp: 152865
Ion Ratio Lower Upper
152 100
150 151.9 117.2 175.8
115 65.7 49.8 74.6



#5
2-Fluorophenol
Concen: 108.741 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

Tgt Ion:112 Resp: 1022995
Ion Ratio Lower Upper
112 100
64 64.0 58.4 87.6
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 99.700 ng

RT: 6.575 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127807.D

Acq: 15 Apr 2022 16:59

Instrument :

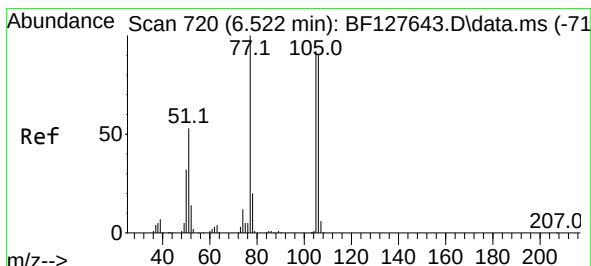
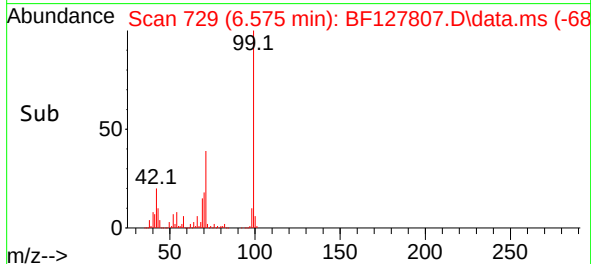
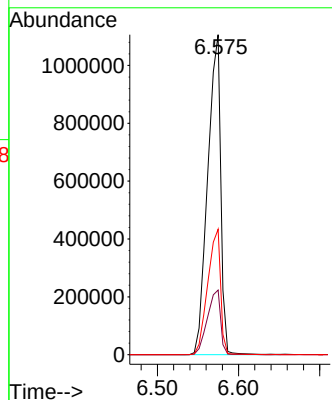
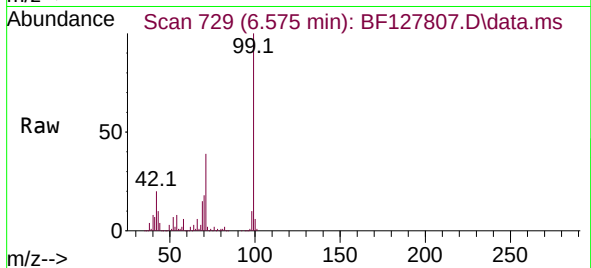
BNA_F

ClientSampleId :

CS-6-(DUMPSTER-LEFT)

Tgt Ion: 99 Resp: 1227021

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	39.2	29.6	44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 729

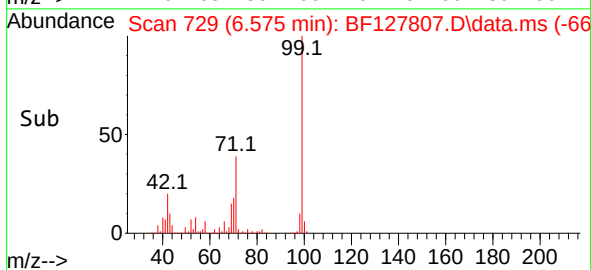
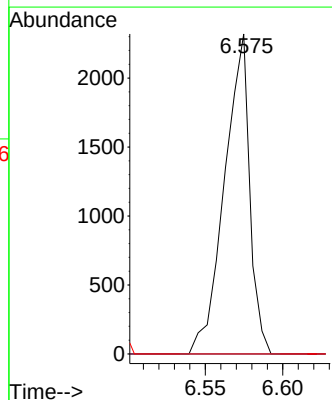
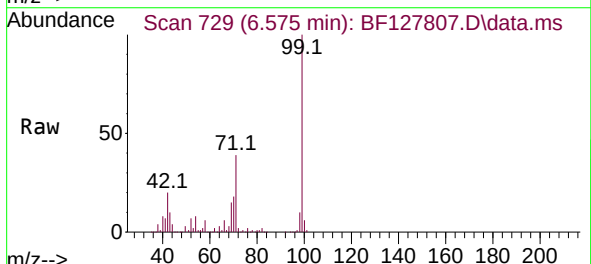
Delta R.T. 0.059 min

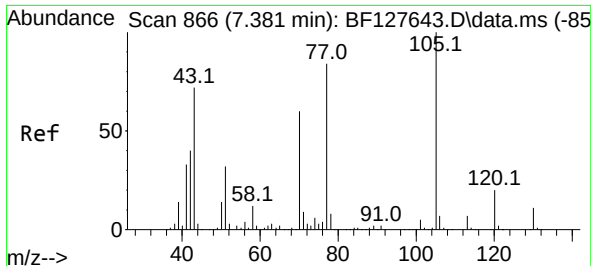
Lab File: BF127807.D

Acq: 15 Apr 2022 16:59

Tgt Ion: 77 Resp: 2615

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#

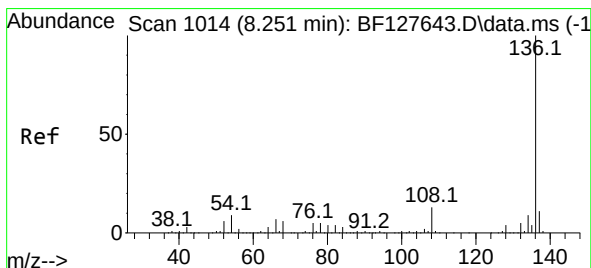
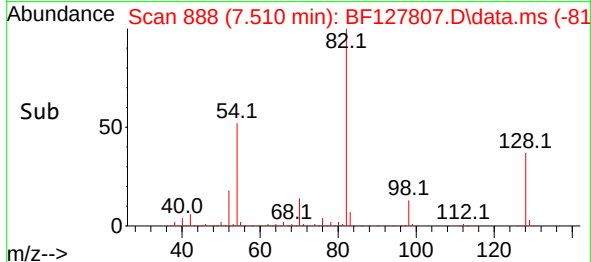
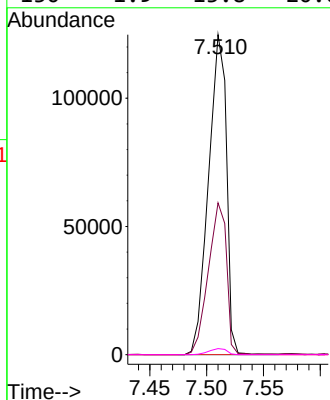
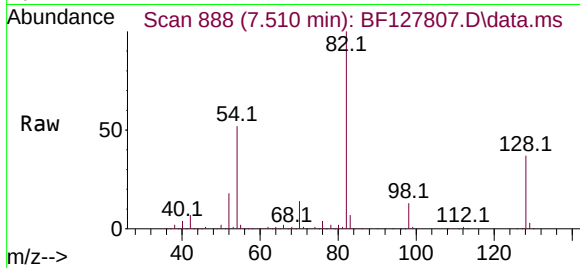




#19
n-Nitroso-di-n-propylamine
Concen: 17.247 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

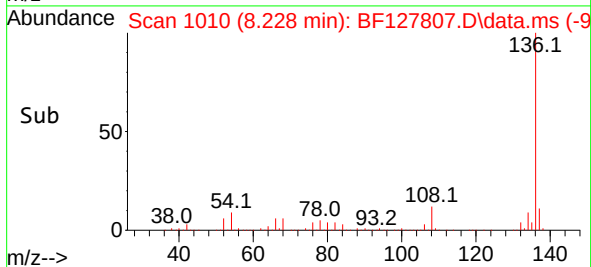
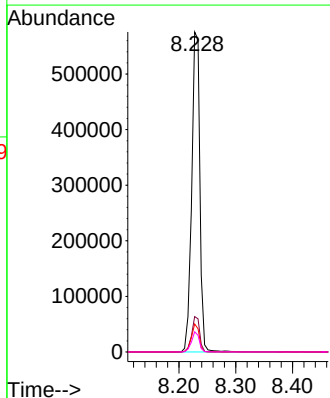
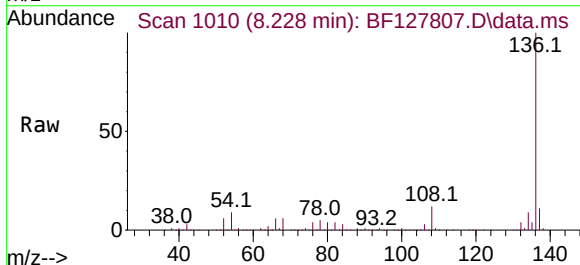
Instrument :
BNA_F
ClientSampleId :
CS-6-(DUMPSTER-LEFT)

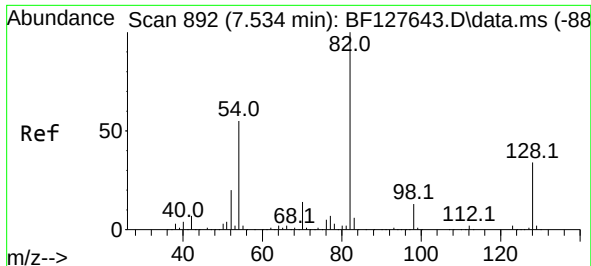
Tgt Ion: 70 Resp: 137288
Ion Ratio Lower Upper
70 100
42 47.4 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

Tgt Ion:136 Resp: 576611
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 9.2 13.8#
68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 77.948 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127807.D

Acq: 15 Apr 2022 16:59

Instrument :

BNA_F

ClientSampleId :

CS-6-(DUMPSTER-LEFT)

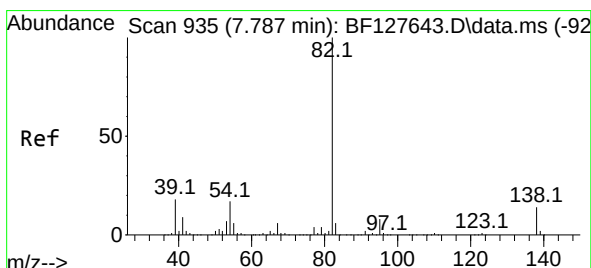
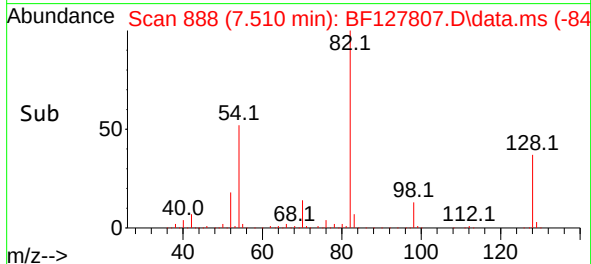
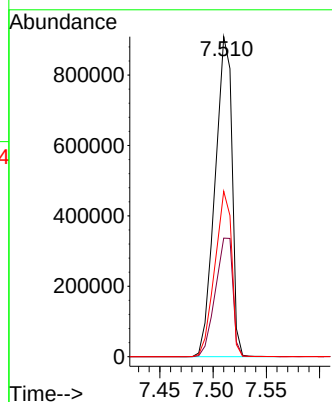
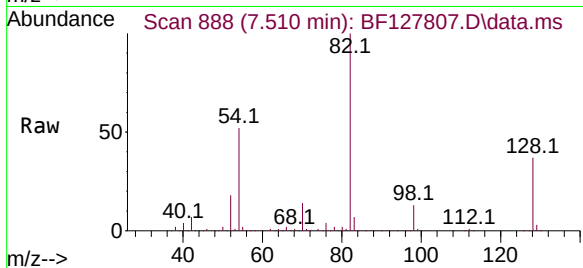
Tgt Ion: 82 Resp: 1008168

Ion Ratio Lower Upper

82 100

128 37.1 30.6 45.8

54 51.7 48.2 72.2



#25

Isophorone

Concen: 44.597 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.277 min

Lab File: BF127807.D

Acq: 15 Apr 2022 16:59

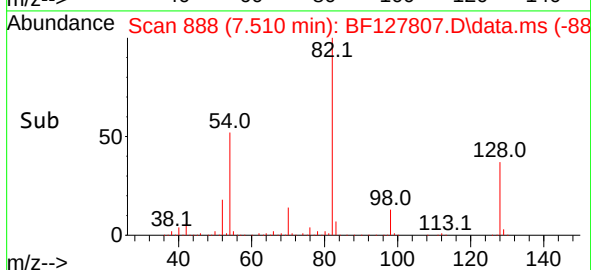
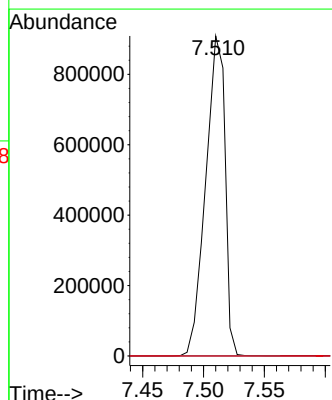
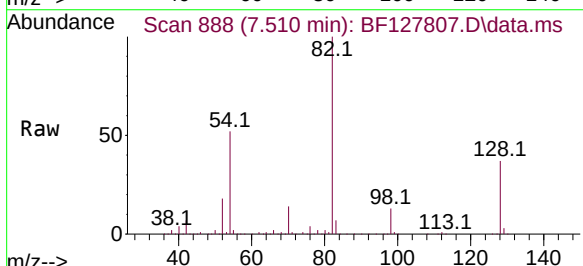
Tgt Ion: 82 Resp: 1006507

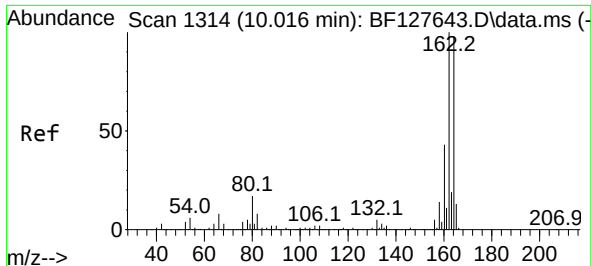
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

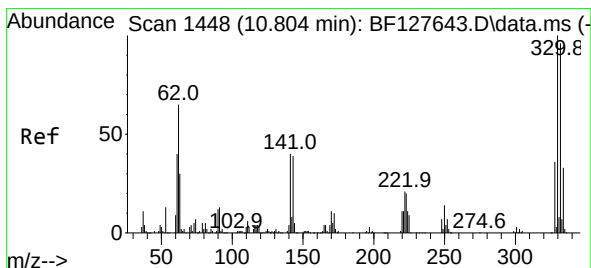
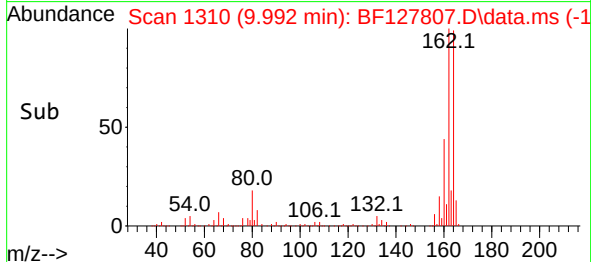
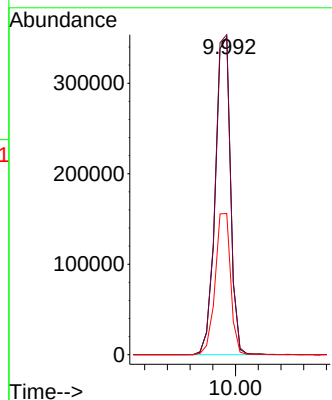
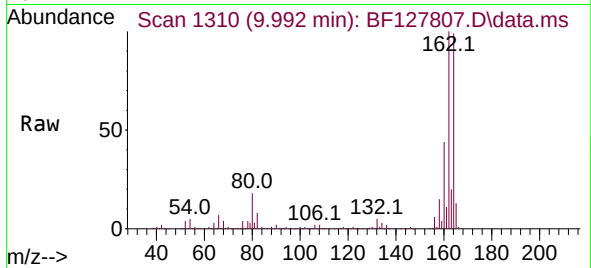




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

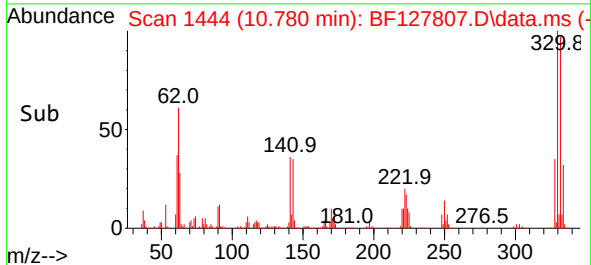
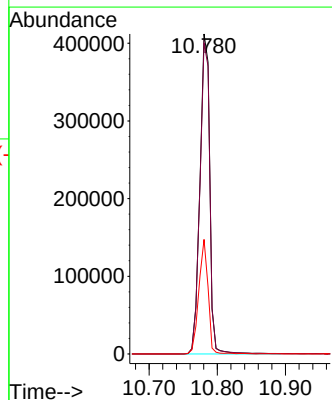
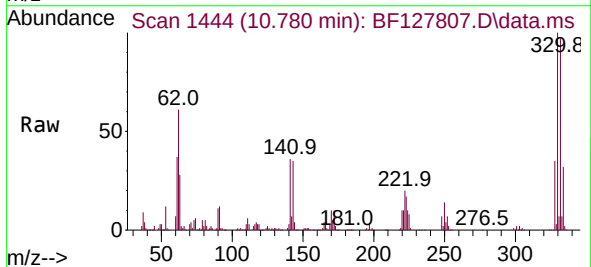
Instrument :
BNA_F
ClientSampleId :
CS-6-(DUMPSTER-LEFT)

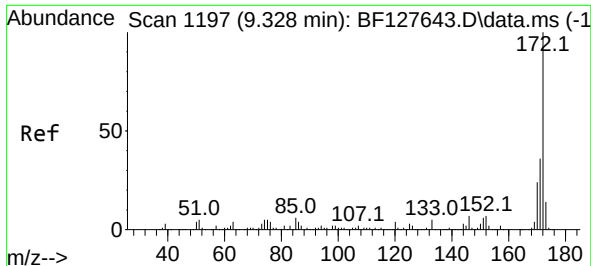
Tgt Ion:164 Resp: 326557
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 44.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 118.358 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

Tgt Ion:330 Resp: 411301
Ion Ratio Lower Upper
330 100
332 97.8 79.1 118.7
141 33.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 75.714 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127807.D

Acq: 15 Apr 2022 16:59

Instrument :

BNA_F

ClientSampleId :

CS-6-(DUMPSTER-LEFT)

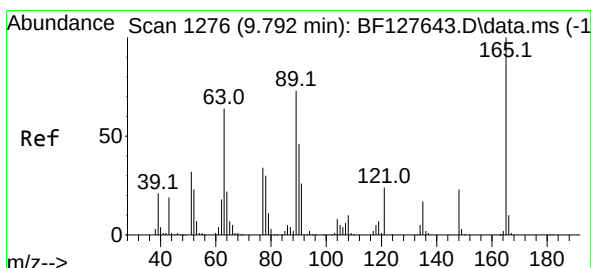
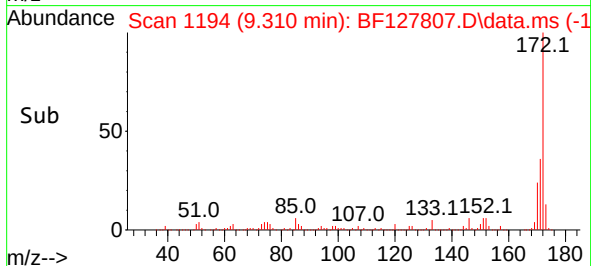
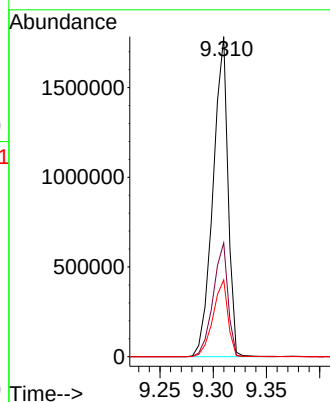
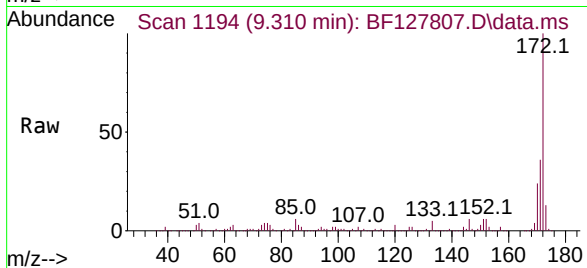
Tgt Ion:172 Resp: 1747766

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.0 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.595 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF127807.D

Acq: 15 Apr 2022 16:59

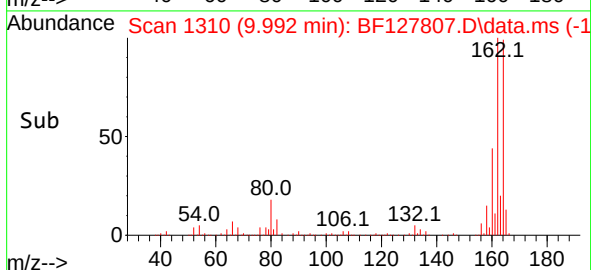
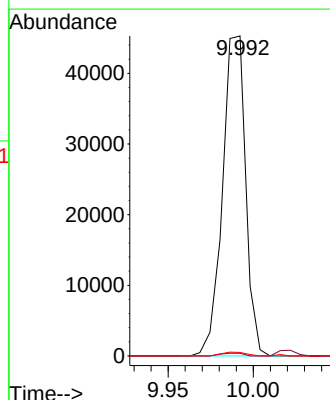
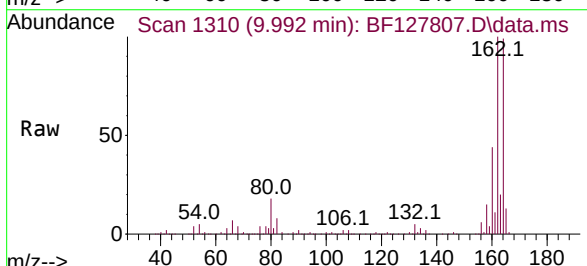
Tgt Ion:165 Resp: 42809

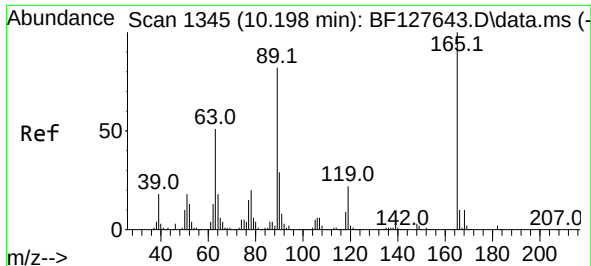
Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

89 1.1 51.5 77.3#

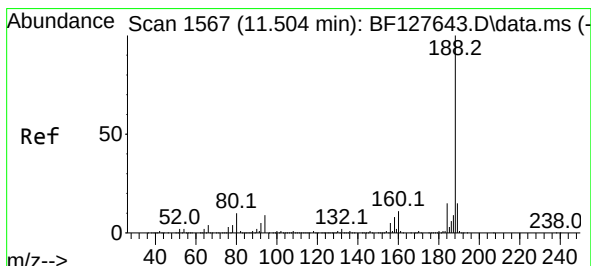
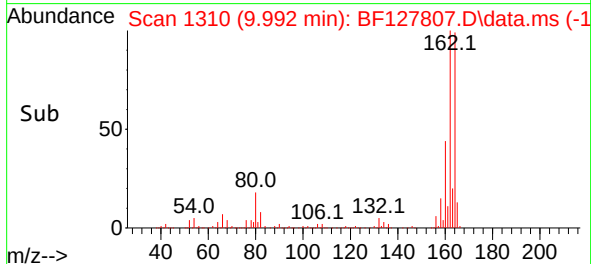
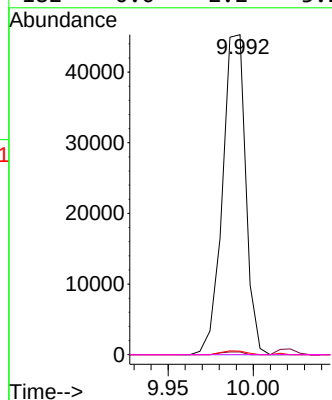
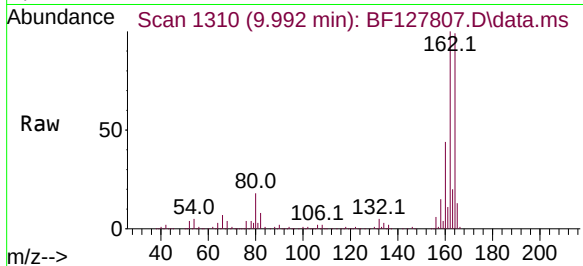




#57
2,4-Dinitrotoluene
Concen: 7.739 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

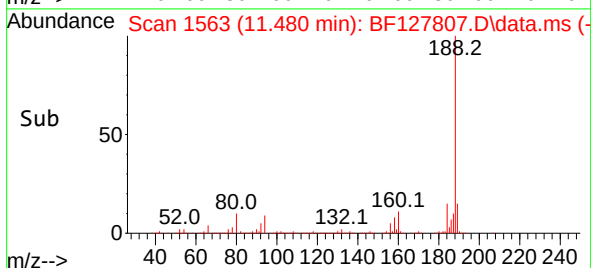
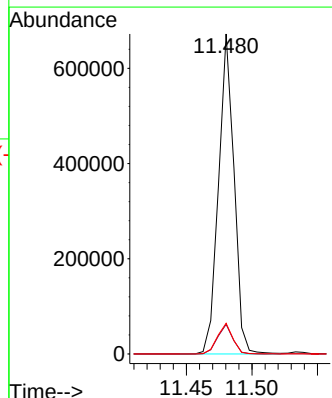
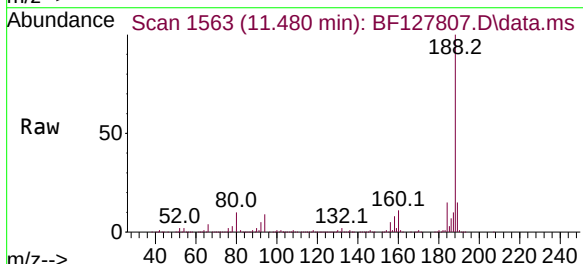
Instrument :
BNA_F
ClientSampleId :
CS-6-(DUMPSTER-LEFT)

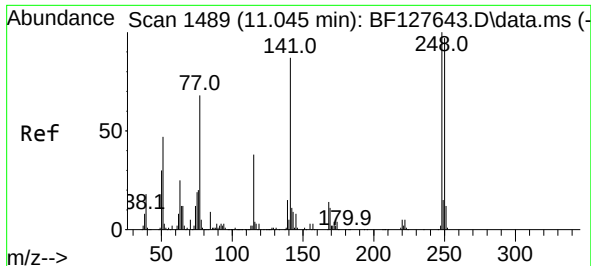
Tgt Ion:165 Resp: 42809
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

Tgt Ion:188 Resp: 552279
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 9.6 8.0 12.0

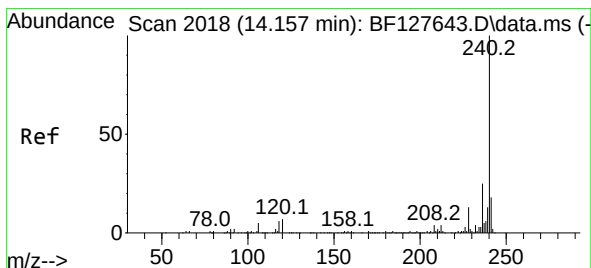
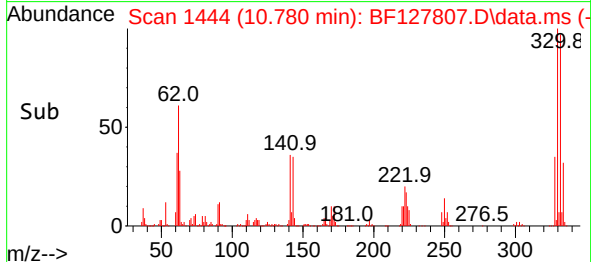
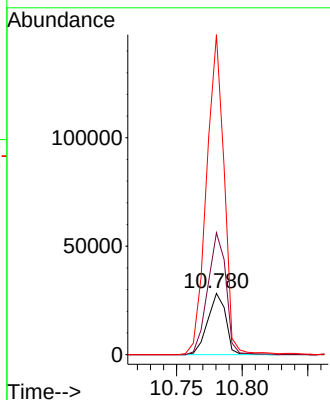
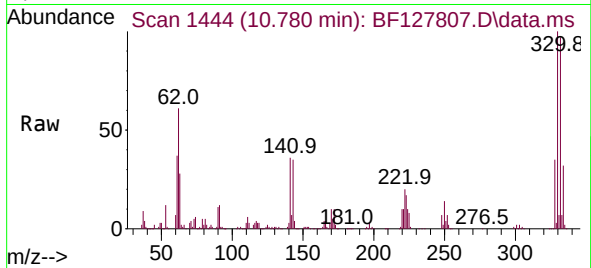




#67
4-Bromophenyl-phenylether
Concen: 4.072 ng
RT: 10.780 min Scan# 1489
Delta R.T. -0.259 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

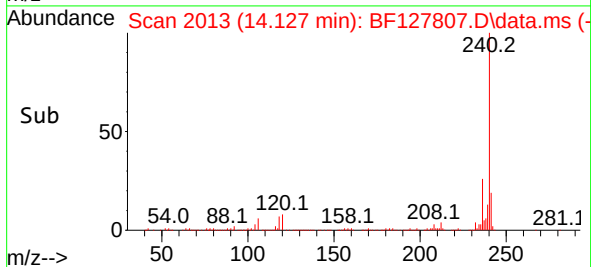
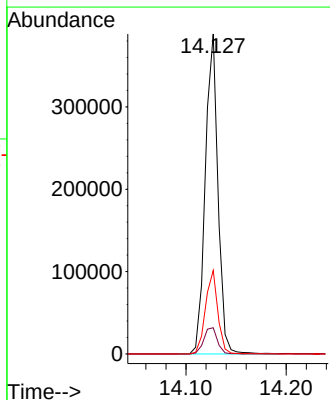
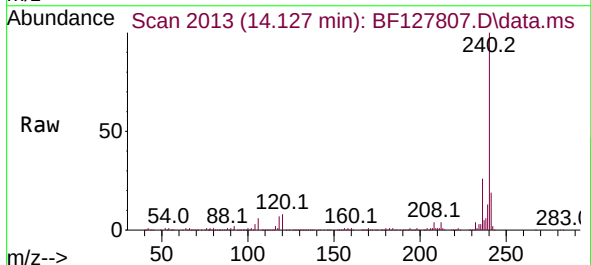
Instrument :
BNA_F
ClientSampleId :
CS-6-(DUMPSTER-LEFT)

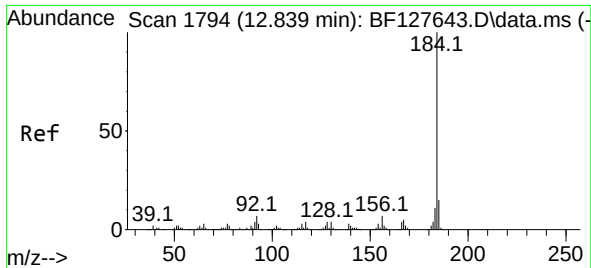
Tgt Ion:248 Resp: 27292
Ion Ratio Lower Upper
248 100
250 199.0 76.6 115.0#
141 522.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

Tgt Ion:240 Resp: 343183
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.1 20.7 31.1

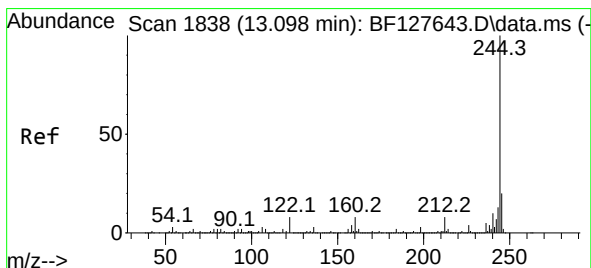
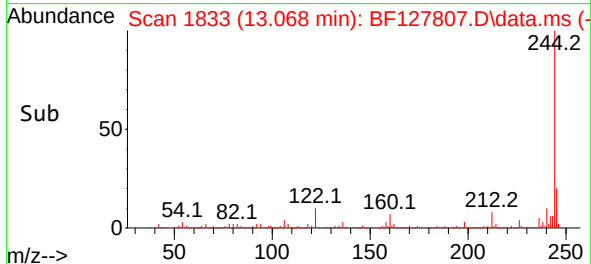
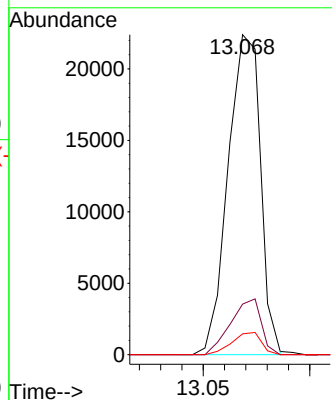
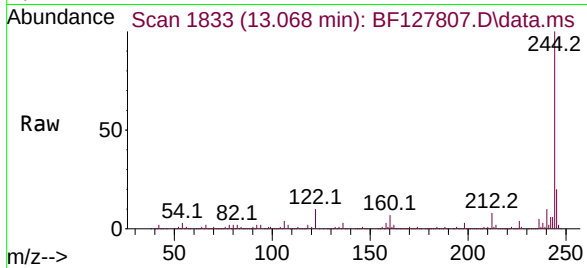




#77
Benzidine
Concen: 2.644 ng
RT: 13.068 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

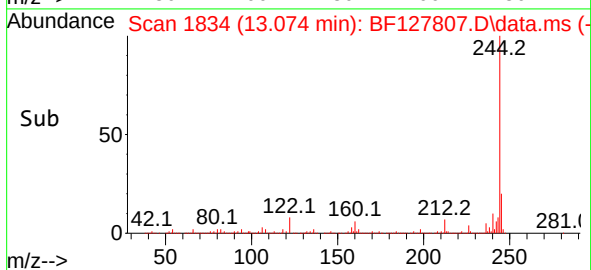
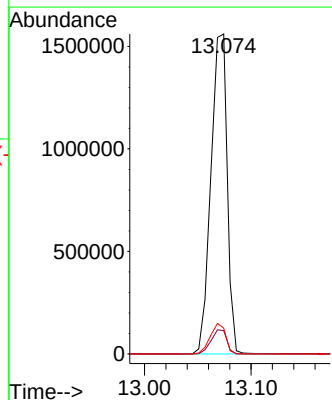
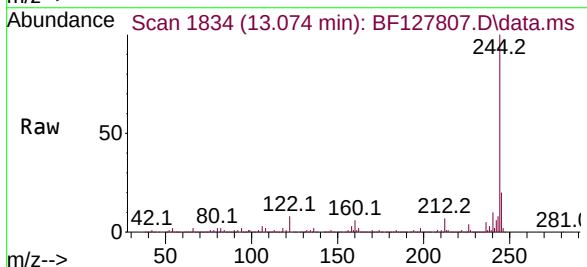
Instrument :
BNA_F
ClientSampleId :
CS-6-(DUMPSTER-LEFT)

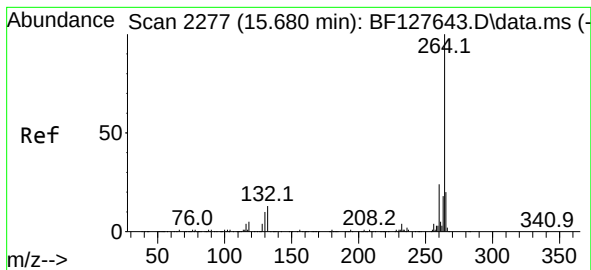
Tgt Ion:184 Resp: 23680
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 79.648 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127807.D
Acq: 15 Apr 2022 16:59

Tgt Ion:244 Resp: 1655997
Ion Ratio Lower Upper
244 100
212 7.3 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: BF127807.D

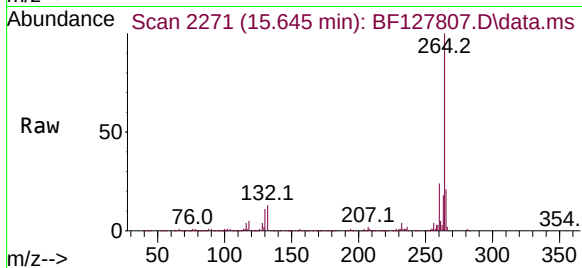
Acq: 15 Apr 2022 16:59

Instrument :

BNA_F

ClientSampleId :

CS-6-(DUMPSTER-LEFT)



Tgt Ion:264 Resp: 357569

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.4 17.4 26.2

