

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127740.D
 Acq On : 11 Apr 2022 15:56
 Operator : CG\JU
 Sample : N2336-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C150-CU

Quant Time: Apr 12 04:55:31 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 06 13:55:27 2022
 Response via : Initial Calibration

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

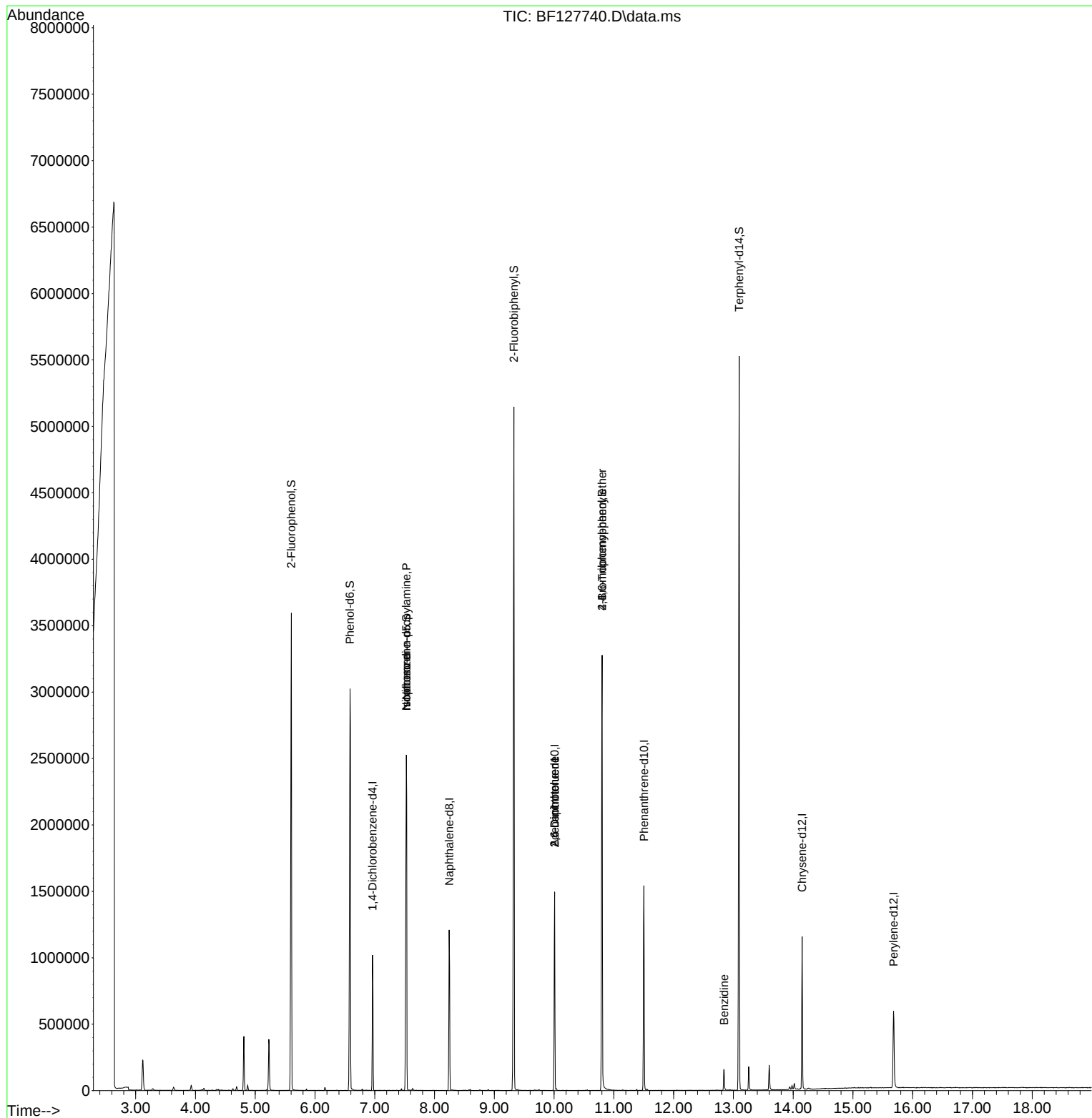
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139739	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	506410	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	299897	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	549436	20.000	ng	0.00
76) Chrysene-d12	14.151	240	376957	20.000	ng	0.00
86) Perylene-d12	15.680	264	308885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	961118	111.760	ng	0.02
7) Phenol-d6	6.587	99	1172162	104.188	ng	0.00
23) Nitrobenzene-d5	7.528	82	970628	85.448	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	425107	133.206	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1681323	79.311	ng	0.00
79) Terphenyl-d14	13.098	244	2048037	89.678	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	70	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.528	70	131462	18.067	ng	# 75
25) Isophorone	7.528	82	970608	48.969	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	39326	9.597	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	39326	7.741	ng	# 13
67) 4-Bromophenyl-phenylether	10.804	248	26198	3.929	ng	# 1
77) Benzidine	12.845	184	68631	6.976	ng	99

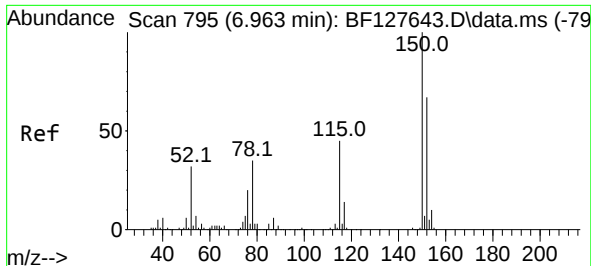
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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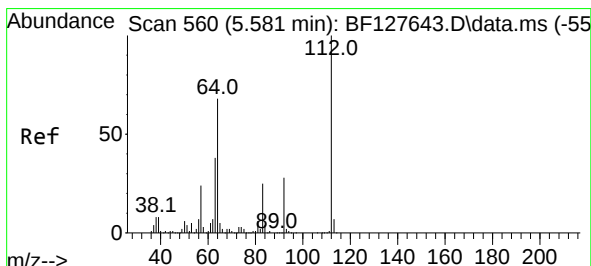
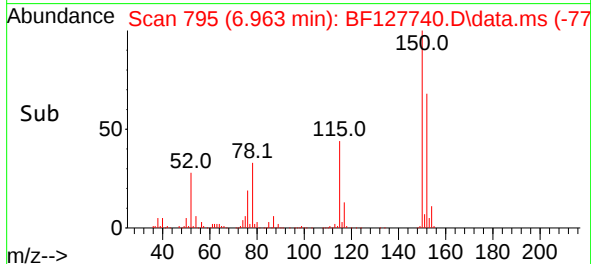
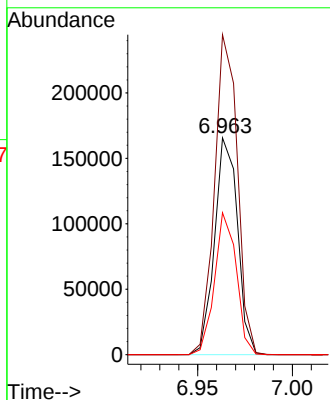
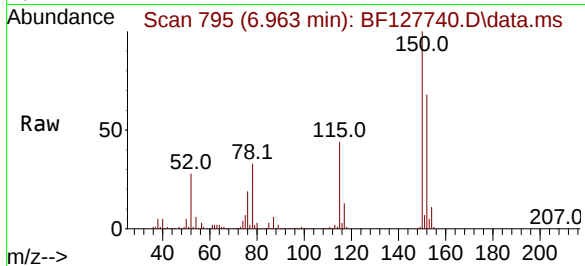




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

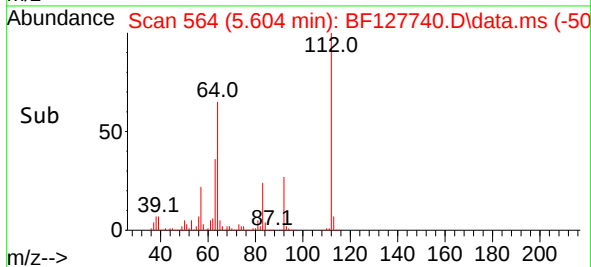
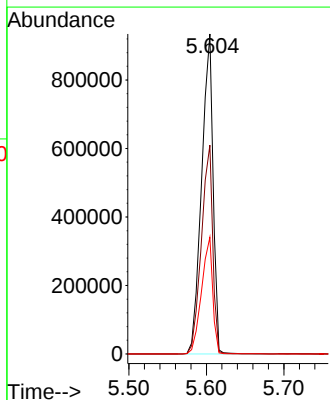
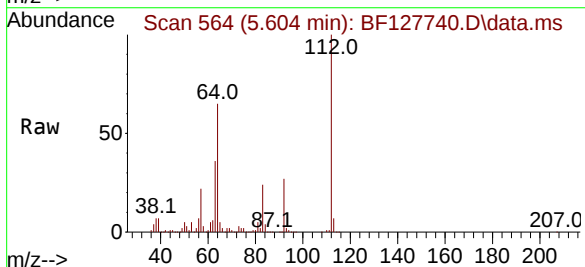
Instrument :
BNA_F
ClientSampleId :
C150-CU

Tgt Ion:152 Resp: 139739
Ion Ratio Lower Upper
152 100
150 147.6 117.2 175.8
115 65.5 49.8 74.6



#5
2-Fluorophenol
Concen: 111.760 ng
RT: 5.604 min Scan# 564
Delta R.T. 0.024 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion:112 Resp: 961118
Ion Ratio Lower Upper
112 100
64 65.2 58.4 87.6
63 36.4 30.1 45.1

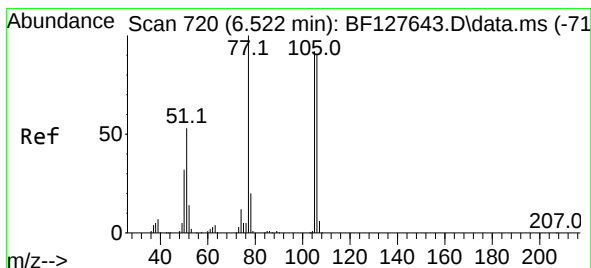
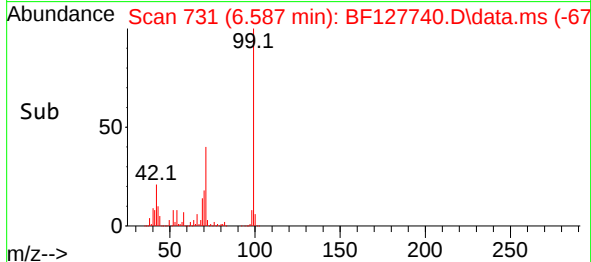
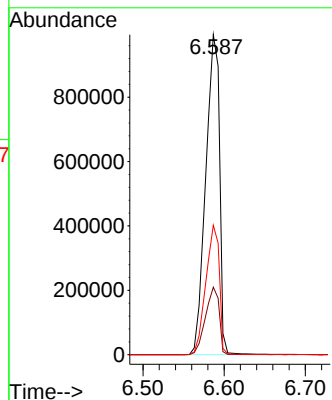
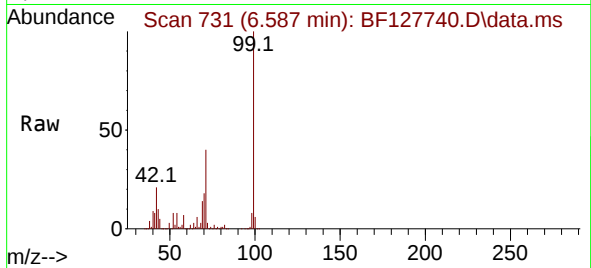




#7
Phenol-d6
Concen: 104.188 ng
RT: 6.587 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

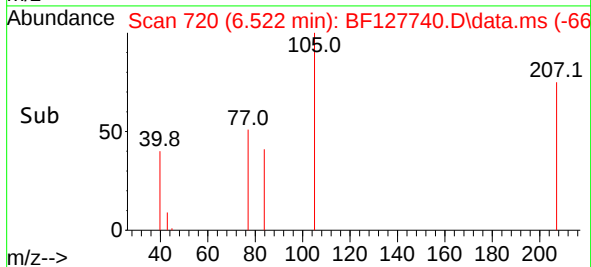
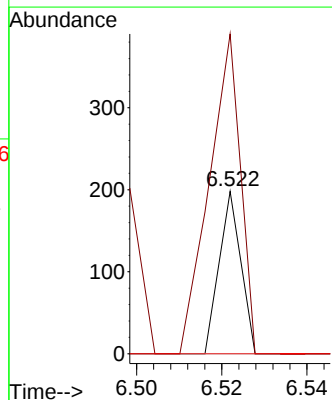
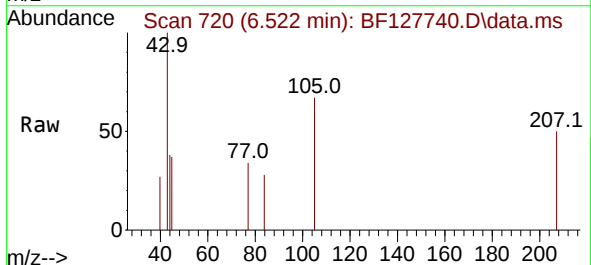
Instrument :
BNA_F
ClientSampleId :
C150-CU

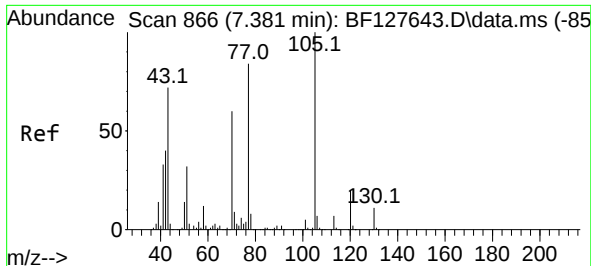
Tgt Ion: 99 Resp: 1172162
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 40.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion: 77 Resp: 70
Ion Ratio Lower Upper
77 100
105 197.0 66.8 106.8#
106 0.0 64.3 104.3#

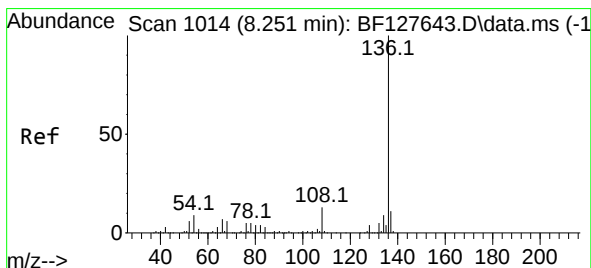
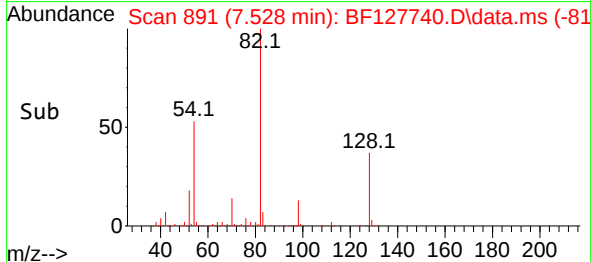
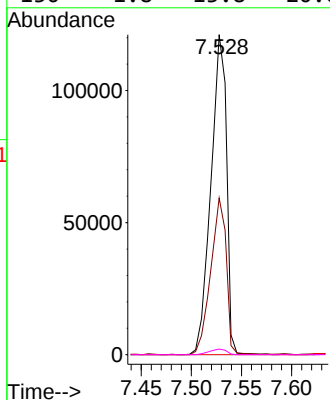
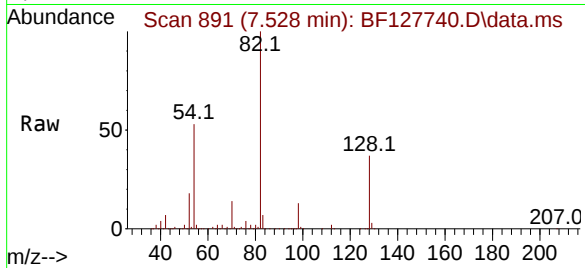




#19
n-Nitroso-di-n-propylamine
Concen: 18.067 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

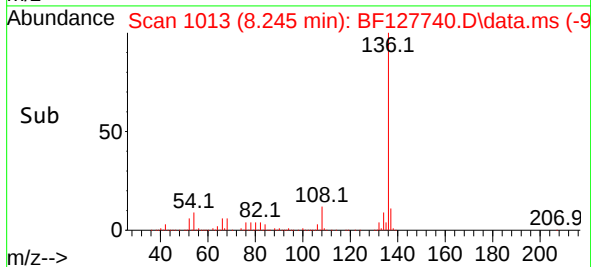
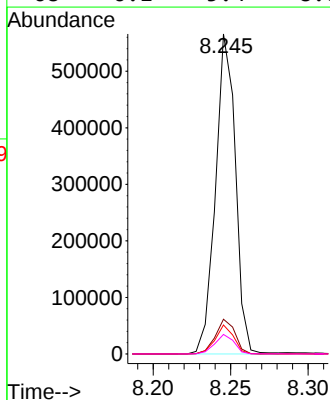
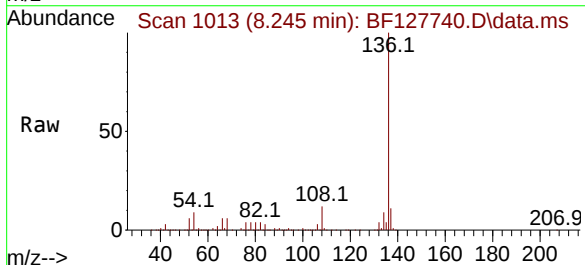
Instrument :
BNA_F
ClientSampleId :
C150-CU

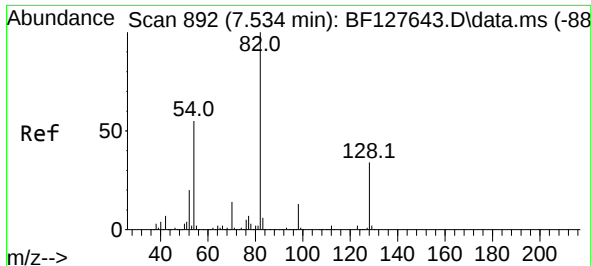
Tgt Ion: 70 Resp: 131462
Ion Ratio Lower Upper
70 100
42 49.0 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion: 136 Resp: 506410
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 9.2 13.8#
68 6.1 5.4 8.0

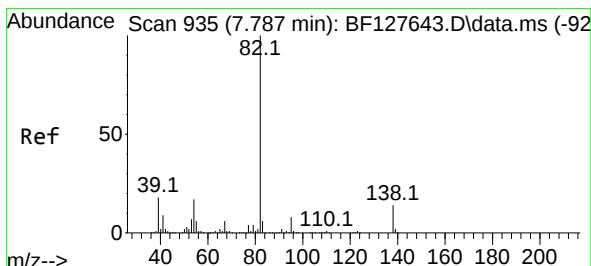
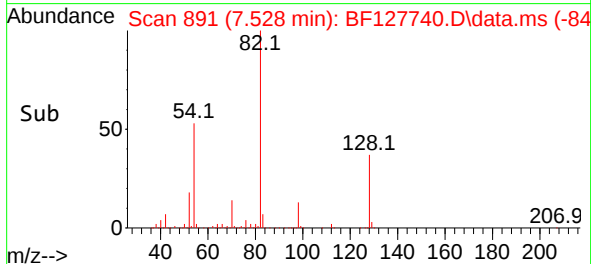
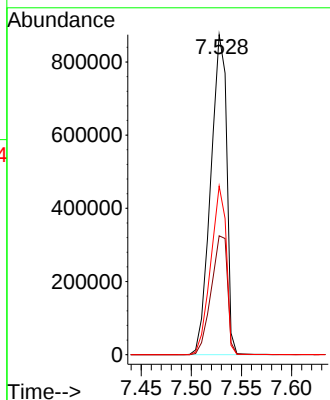
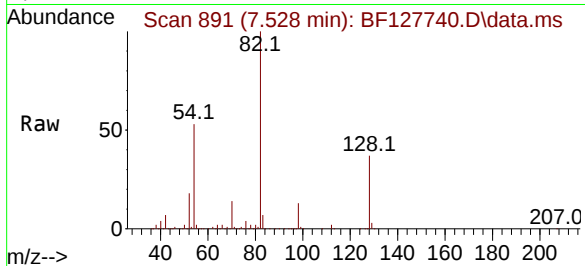




#23
Nitrobenzene-d5
Concen: 85.448 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

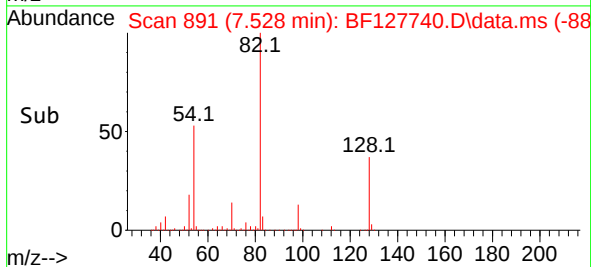
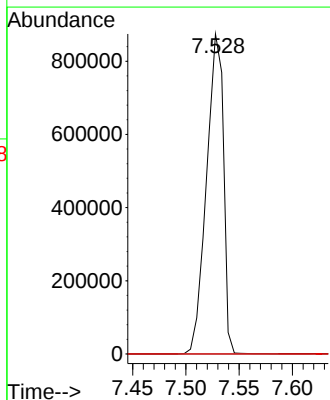
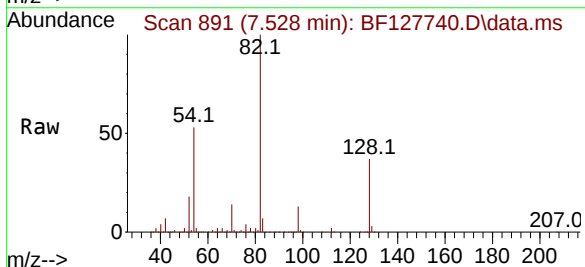
Instrument :
BNA_F
ClientSampleId :
C150-CU

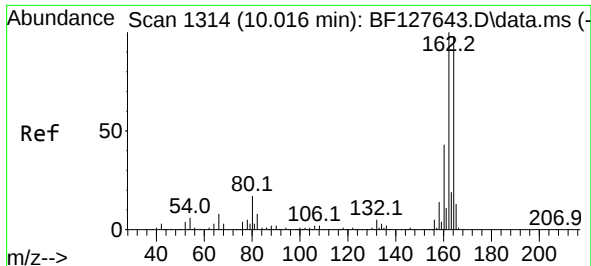
Tgt Ion: 82 Resp: 970628
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 52.7 48.2 72.2



#25
Isophorone
Concen: 48.969 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion: 82 Resp: 970608
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: 10.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127740.D

Acq: 11 Apr 2022 15:56

Instrument :

BNA_F

ClientSampleId :

C150-CU

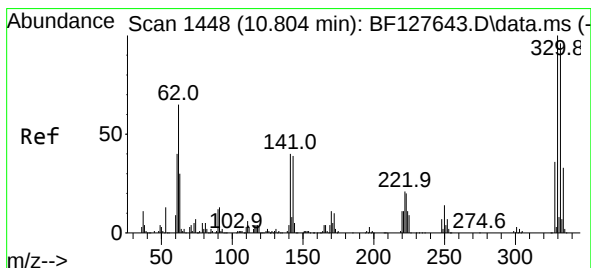
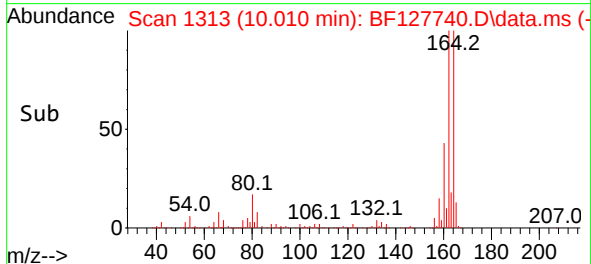
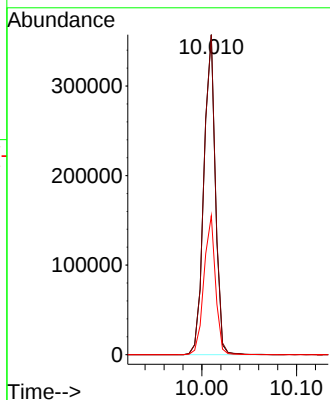
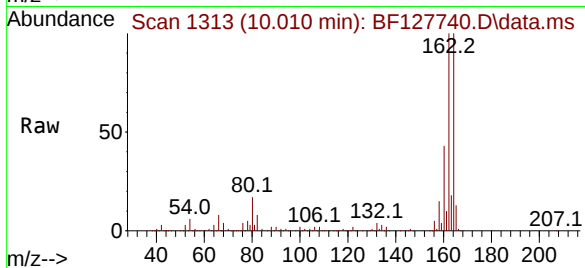
Tgt Ion:164 Resp: 299897

Ion Ratio Lower Upper

164 100

162 99.9 81.2 121.8

160 43.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 133.206 ng

RT: 10.804 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF127740.D

Acq: 11 Apr 2022 15:56

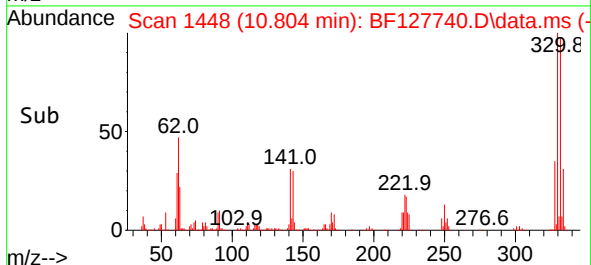
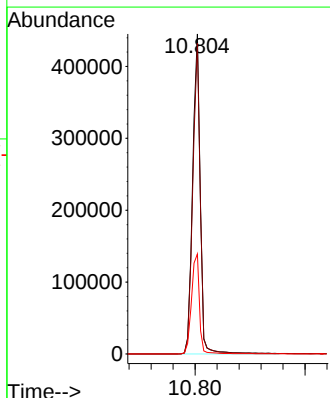
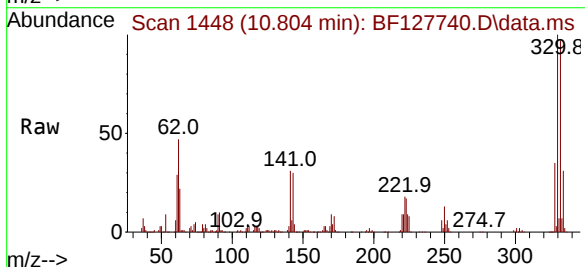
Tgt Ion:330 Resp: 425107

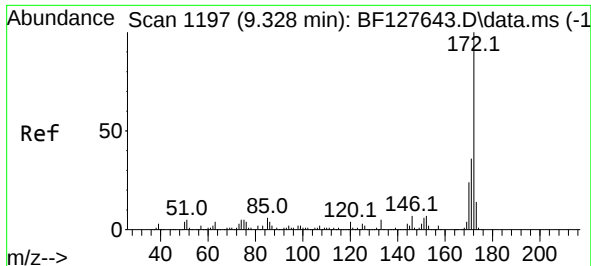
Ion Ratio Lower Upper

330 100

332 95.6 79.1 118.7

141 32.6 26.2 39.4

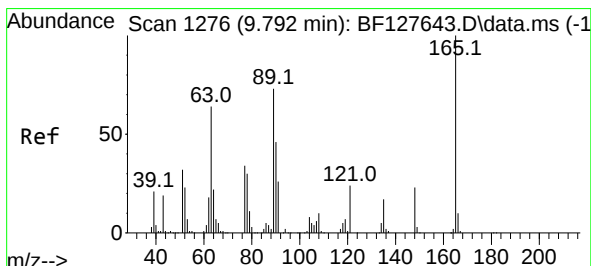
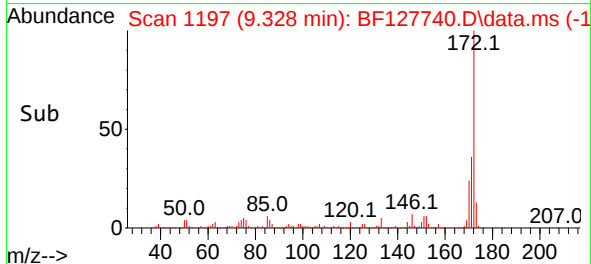
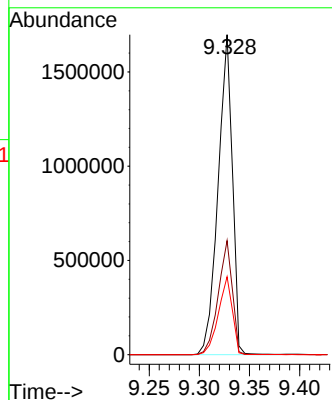
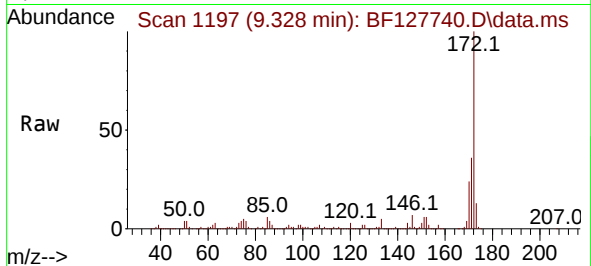




#45
2-Fluorobiphenyl
Concen: 79.311 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

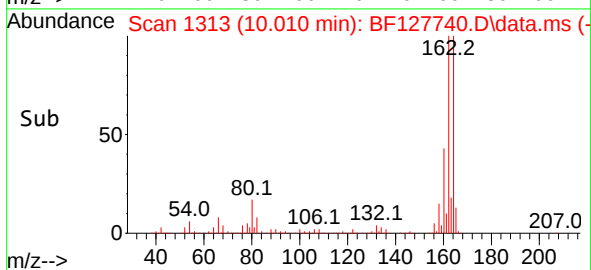
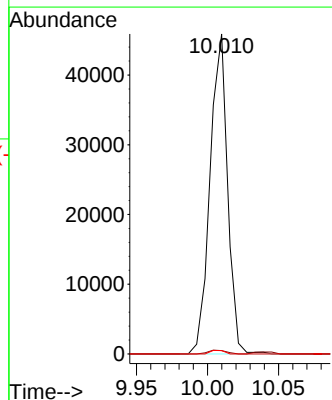
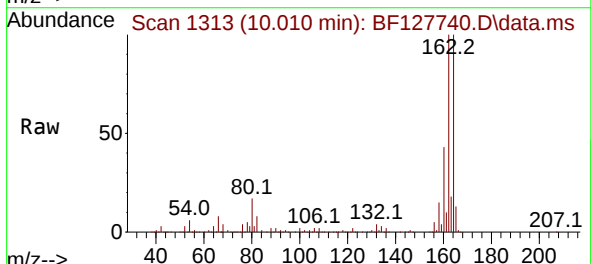
Instrument :
BNA_F
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C150-CU

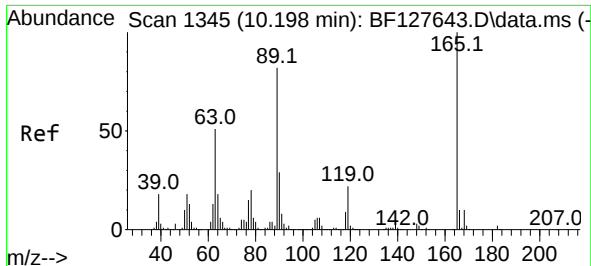
Tgt Ion:172 Resp: 1681323
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.597 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion:165 Resp: 39326
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 1.1 51.5 77.3#

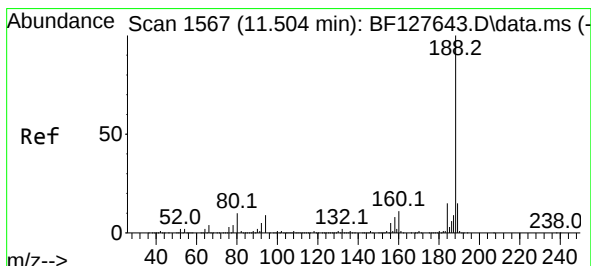
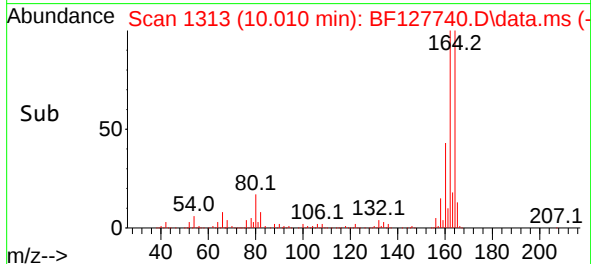
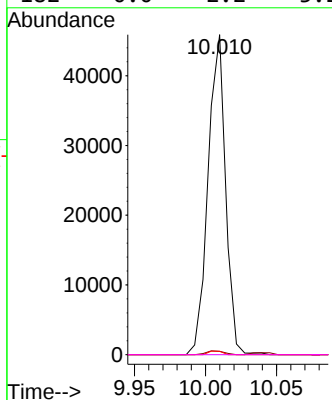
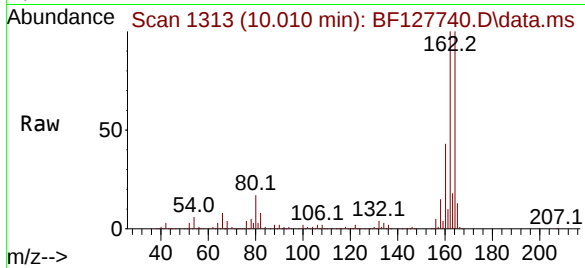




#57
2,4-Dinitrotoluene
Concen: 7.741 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

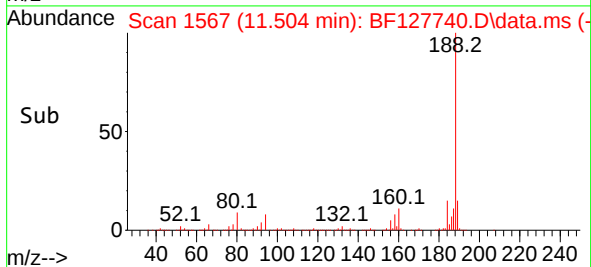
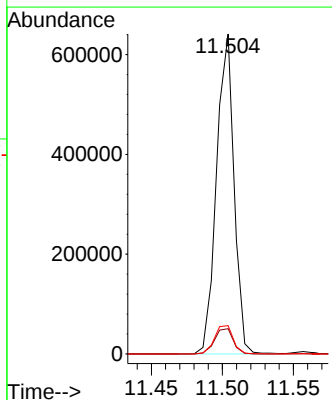
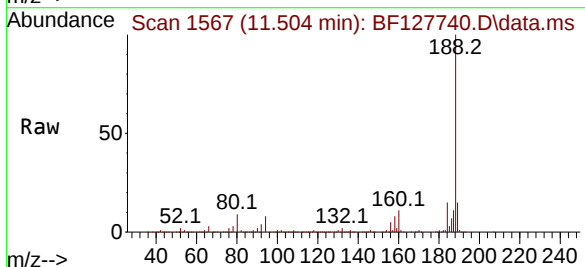
Instrument :
BNA_F
ClientSampleId :
C150-CU

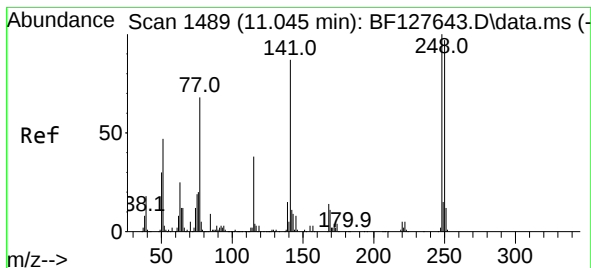
Tgt Ion:165 Resp: 39326
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion:188 Resp: 549436
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.9 8.0 12.0

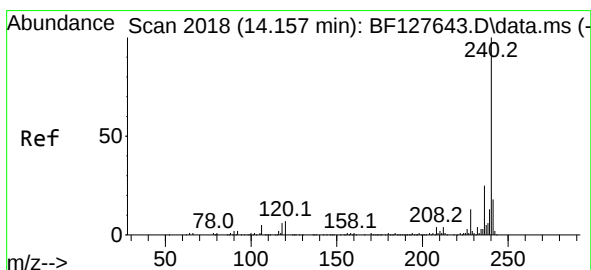
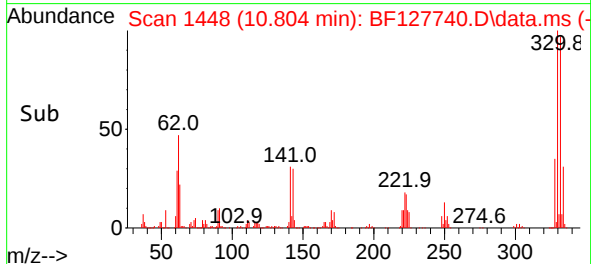
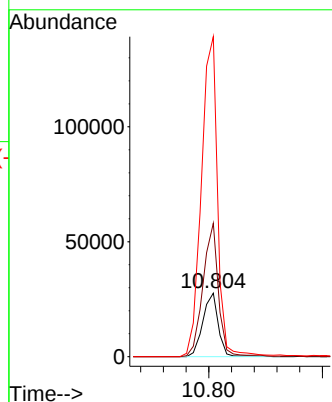
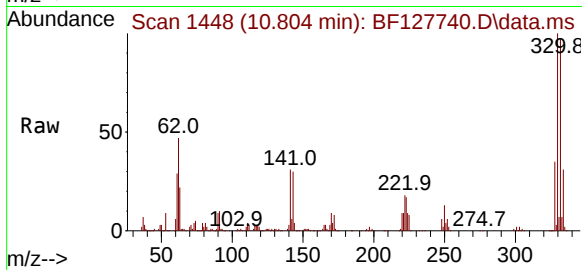




#67
4-Bromophenyl-phenylether
Concen: 3.929 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

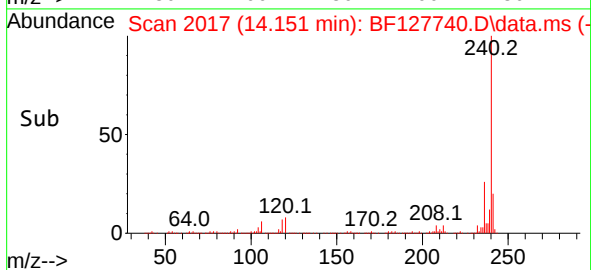
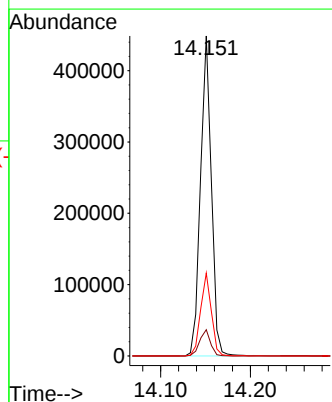
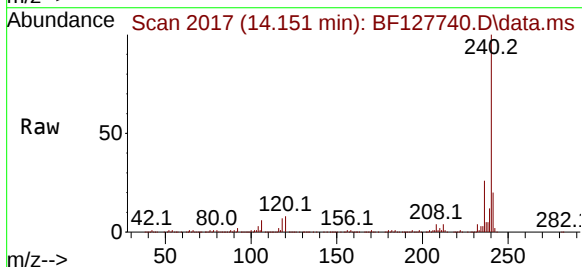
Instrument :
BNA_F
ClientSampleId :
C150-CU

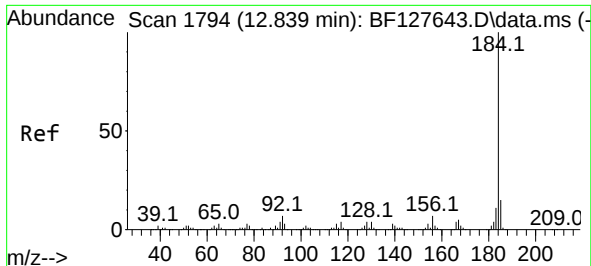
Tgt Ion:248 Resp: 26198
Ion Ratio Lower Upper
248 100
250 209.9 76.6 115.0#
141 503.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion:240 Resp: 376957
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.9 20.7 31.1

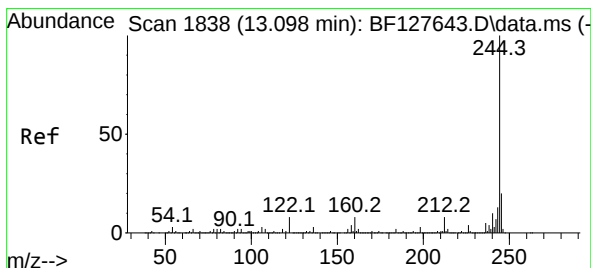
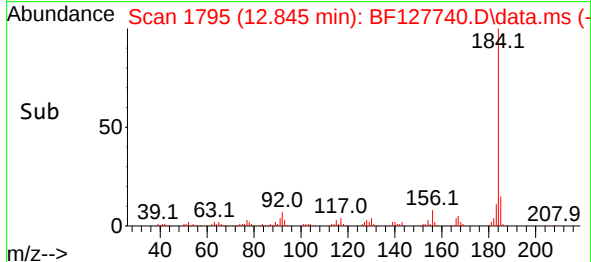
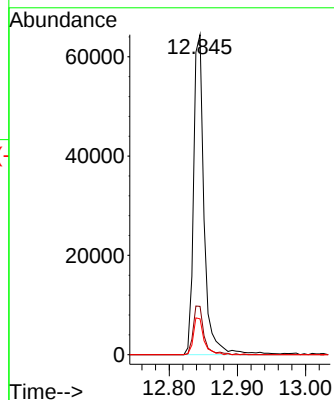
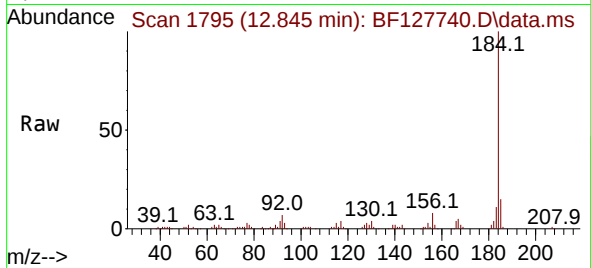




#77
Benzidine
Concen: 6.976 ng
RT: 12.845 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

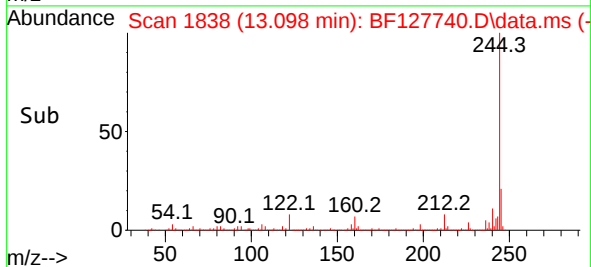
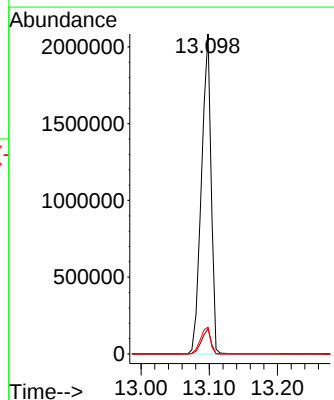
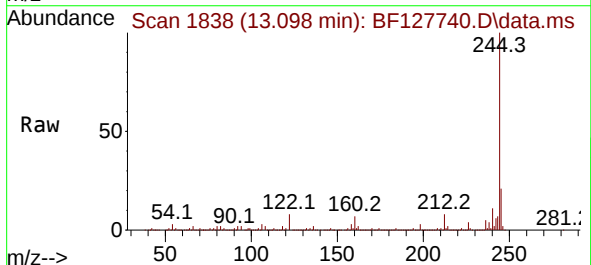
Instrument :
BNA_F
ClientSampleId :
C150-CU

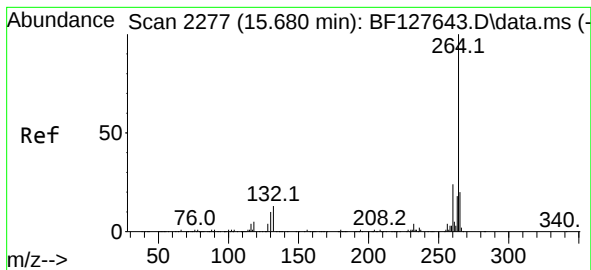
Tgt Ion:184 Resp: 68631
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 11.2 9.4 14.0



#79
Terphenyl-d14
Concen: 89.678 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

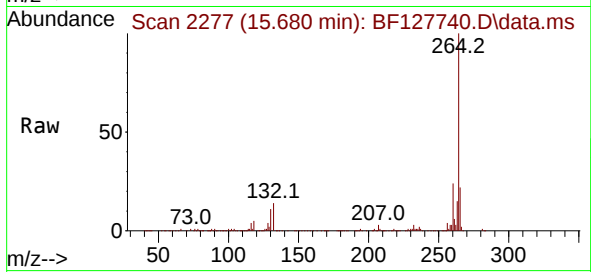
Tgt Ion:244 Resp: 2048037
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 8.4 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127740.D
 Acq: 11 Apr 2022 15:56

Instrument :
 BNA_F
 ClientSampleId :
 C150-CU



Tgt Ion:264 Resp: 308885
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.2 17.4 26.2

