

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127743.D
 Acq On : 11 Apr 2022 17:23
 Operator : CG\JU
 Sample : N2337-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B250-CU

Quant Time: Apr 12 04:55:49 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)

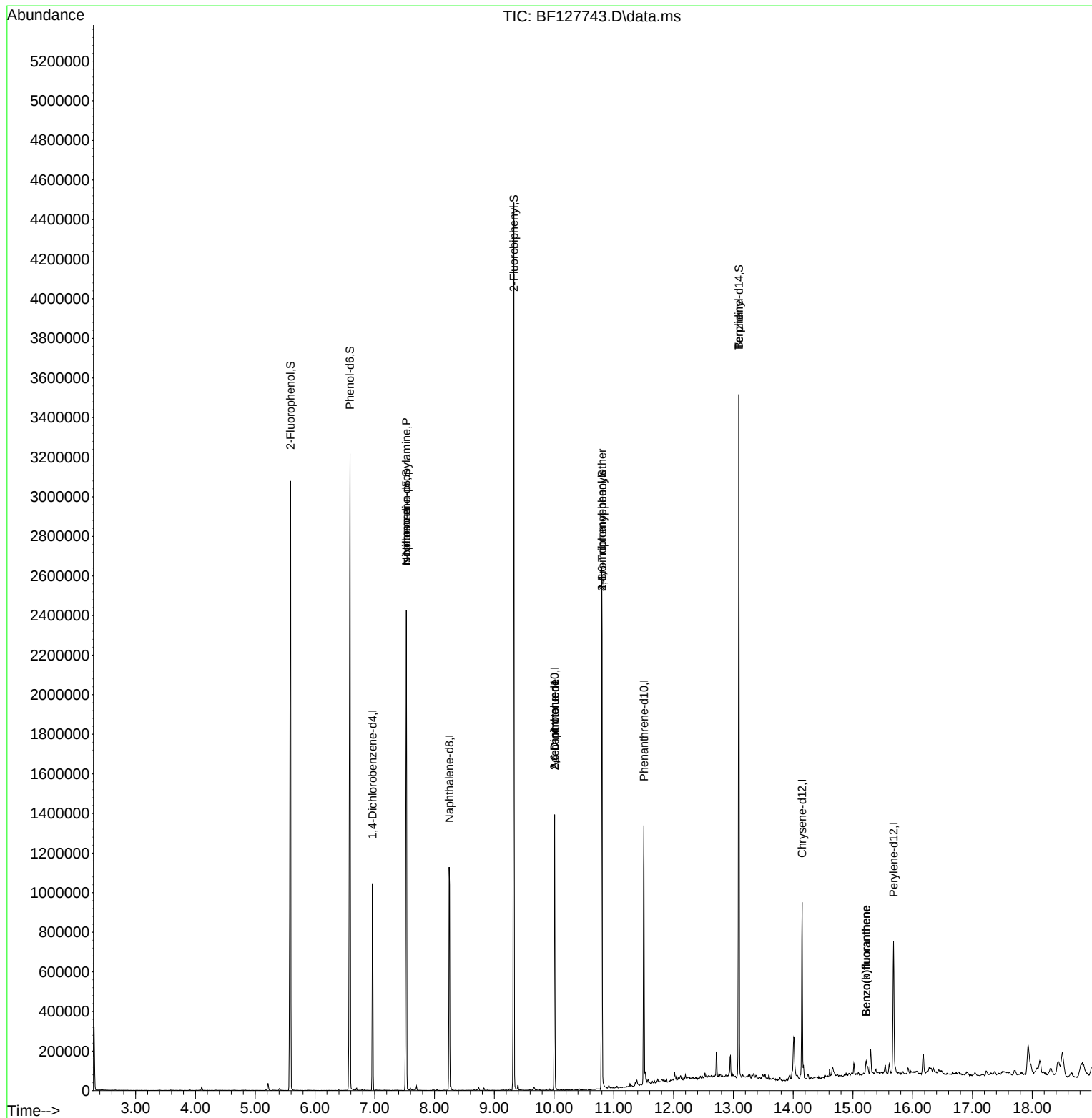
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	134180	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	481394	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	275086	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	470918	20.000	ng	0.00
76) Chrysene-d12	14.151	240	297555	20.000	ng	0.00
86) Perylene-d12	15.680	264	329296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	899316	108.906	ng	0.01
7) Phenol-d6	6.587	99	1155022	106.918	ng	0.00
23) Nitrobenzene-d5	7.528	82	830546	76.916	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	322244	110.081	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1346107	69.225	ng	0.00
79) Terphenyl-d14	13.092	244	1188319	65.919	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	166	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.528	70	112098	16.044	ng	# 73
25) Isophorone	7.528	82	830536	44.079	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	35235	9.375	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	35235	7.561	ng	# 14
67) 4-Bromophenyl-phenylether	10.804	248	20946	3.665	ng	# 1
77) Benzidine	13.092	184	17003	2.189	ng	97
88) Benzo(b)fluoranthene	15.221	252	53914	2.545	ng	95
89) Benzo(k)fluoranthene	15.221	252	53914	2.566	ng	94

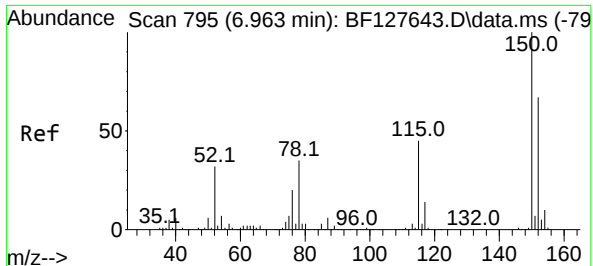
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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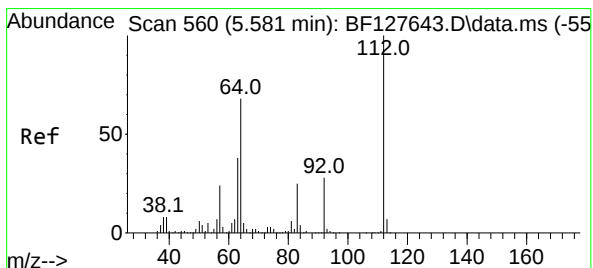
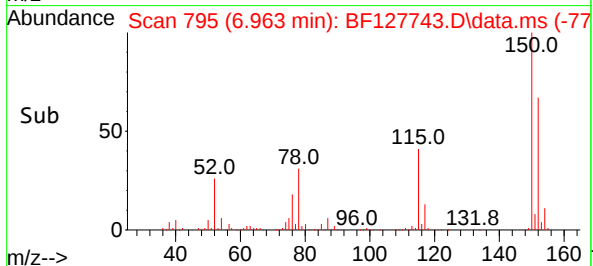
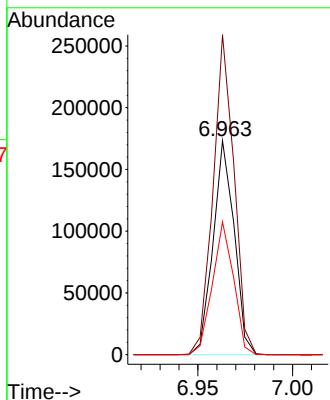
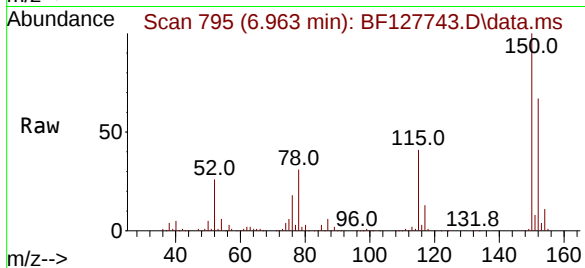




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF127743.D
 Acq: 11 Apr 2022 17:23

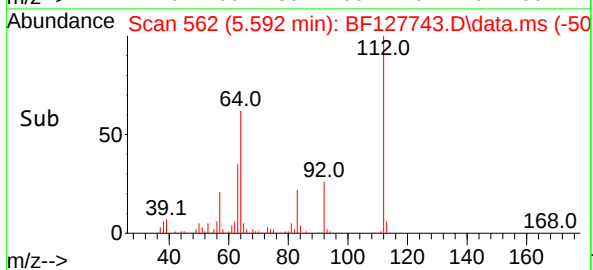
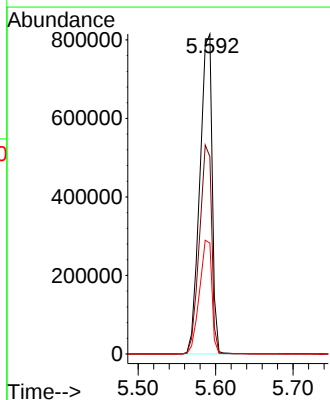
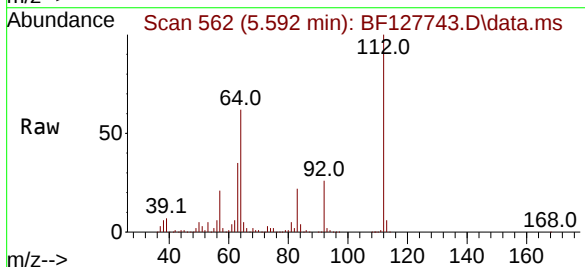
Instrument :
 BNA_F
 ClientSampleId :
 B250-CU

Tgt Ion:152 Resp: 134180
 Ion Ratio Lower Upper
 152 100
 150 149.6 117.2 175.8
 115 62.1 49.8 74.6



#5
 2-Fluorophenol
 Concen: 108.906 ng
 RT: 5.592 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF127743.D
 Acq: 11 Apr 2022 17:23

Tgt Ion:112 Resp: 899316
 Ion Ratio Lower Upper
 112 100
 64 61.7 58.4 87.6
 63 34.7 30.1 45.1



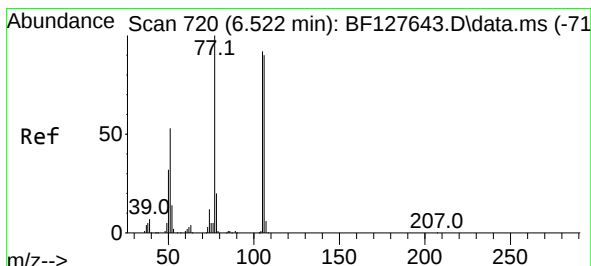
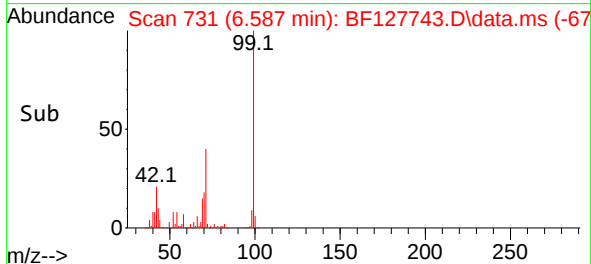
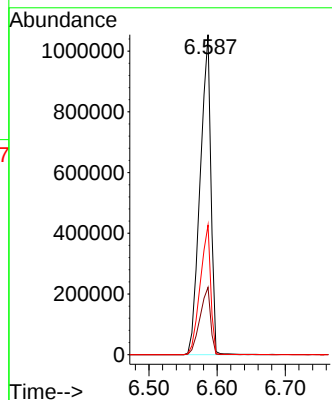
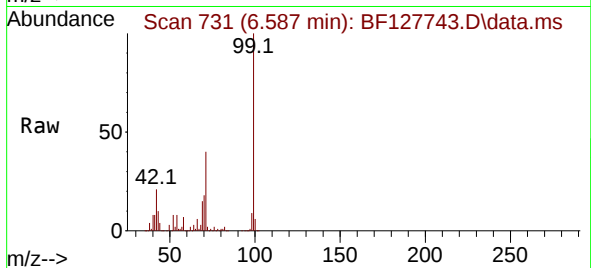


#7
Phenol-d6
Concen: 106.918 ng
RT: 6.587 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Instrument :
BNA_F
ClientSampleId :
B250-CU

Tgt Ion: 99 Resp: 1155022

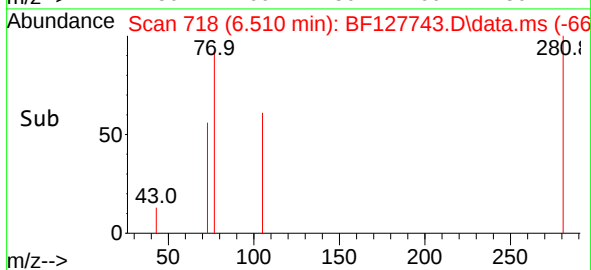
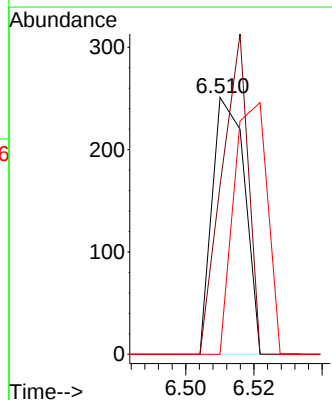
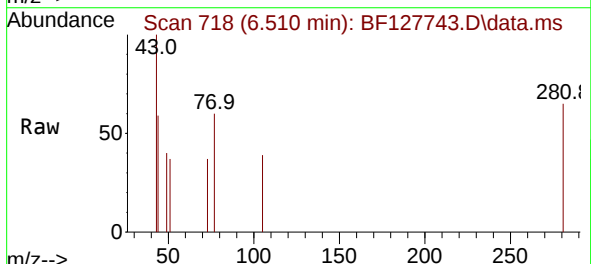
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.8	26.6
71	40.5	29.6	44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Tgt Ion: 77 Resp: 166

Ion	Ratio	Lower	Upper
77	100		
105	65.7	66.8	106.8#
106	0.0	64.3	104.3#

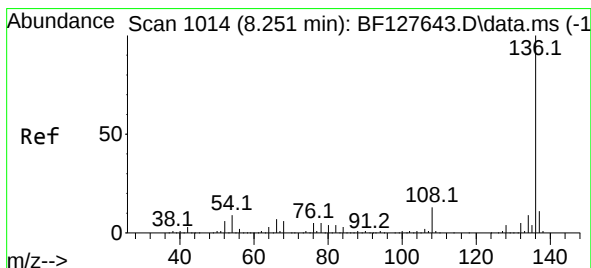
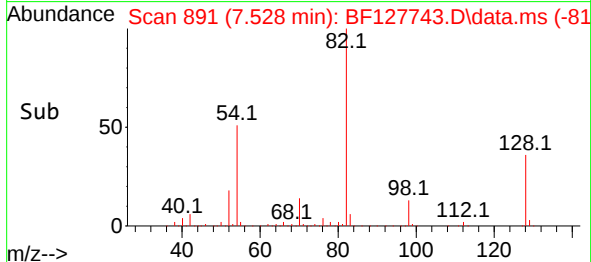
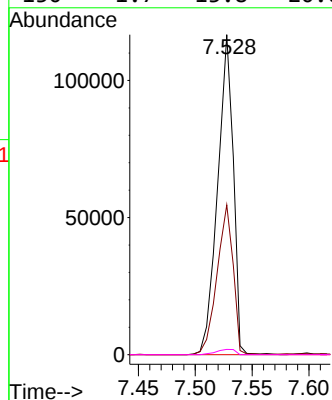
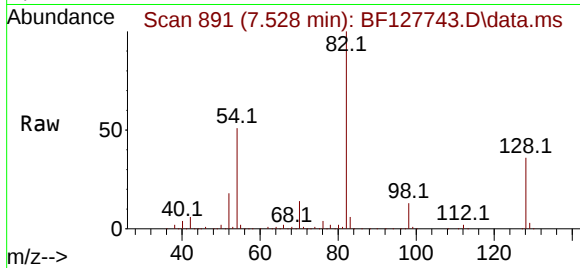




#19
n-Nitroso-di-n-propylamine
Concen: 16.044 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

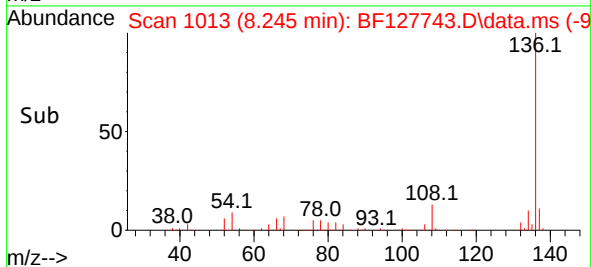
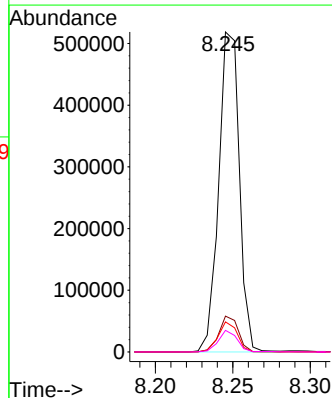
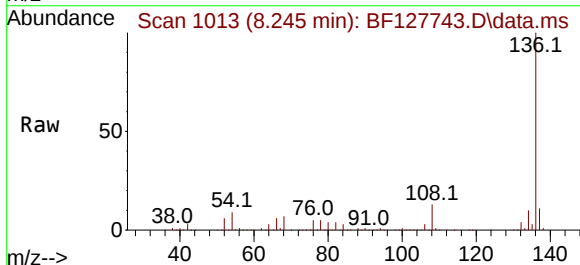
Instrument :
BNA_F
ClientSampleId :
B250-CU

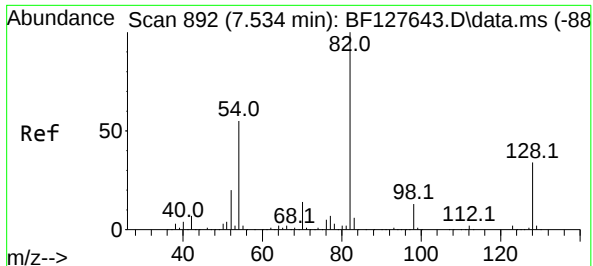
Tgt Ion: 70 Resp: 112098
Ion Ratio Lower Upper
70 100
42 46.8 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Tgt Ion:136 Resp: 481394
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.4 9.2 13.8
68 6.8 5.4 8.0





#23

Nitrobenzene-d5

Concen: 76.916 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127743.D

Acq: 11 Apr 2022 17:23

Instrument :

BNA_F

ClientSampleId :

B250-CU

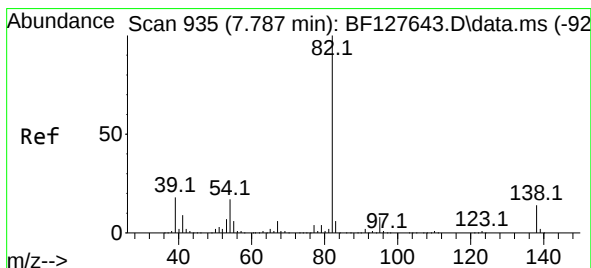
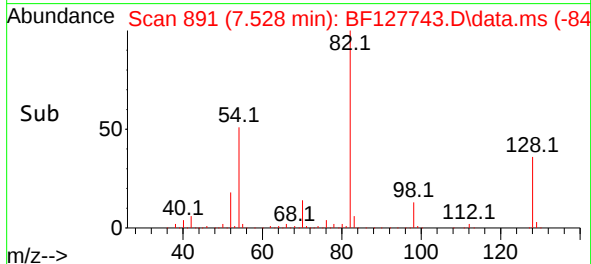
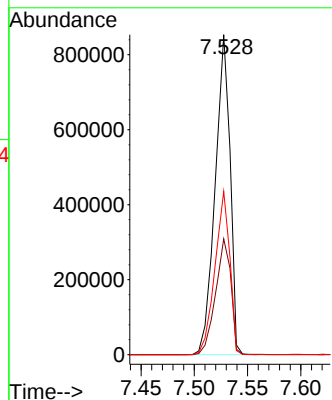
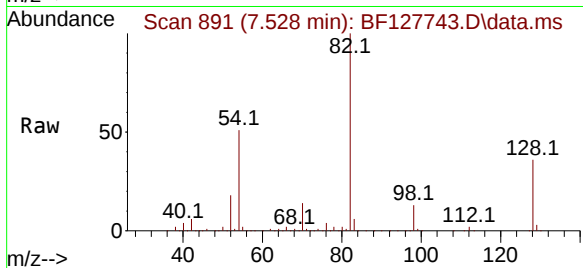
Tgt Ion: 82 Resp: 830546

Ion Ratio Lower Upper

82 100

128 36.2 30.6 45.8

54 51.0 48.2 72.2



#25

Isophorone

Concen: 44.079 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127743.D

Acq: 11 Apr 2022 17:23

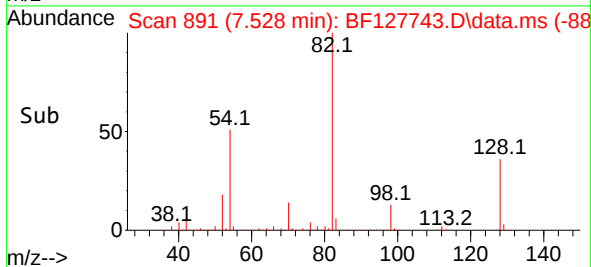
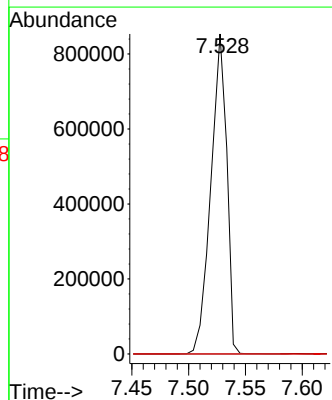
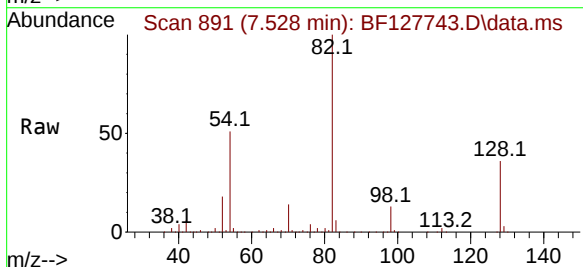
Tgt Ion: 82 Resp: 830536

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

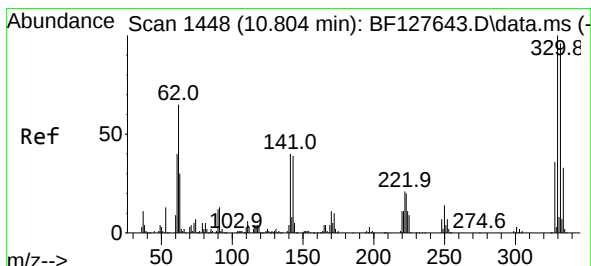
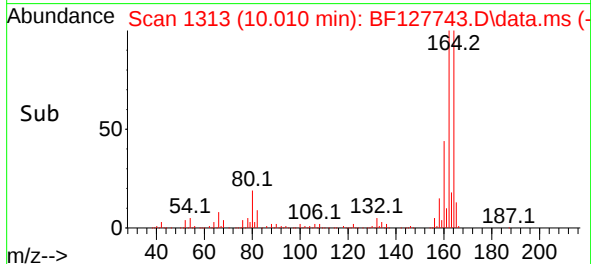
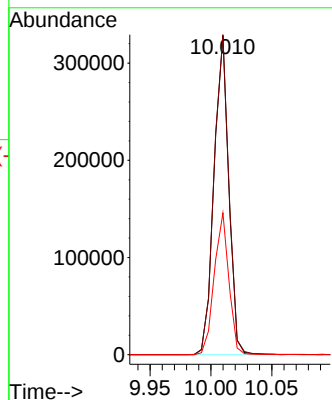
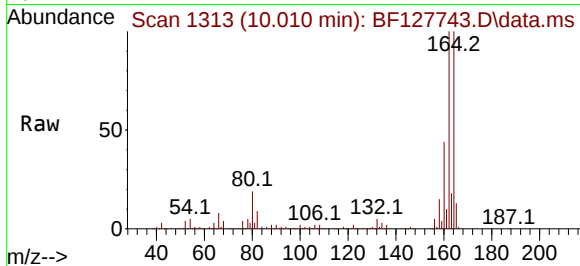




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

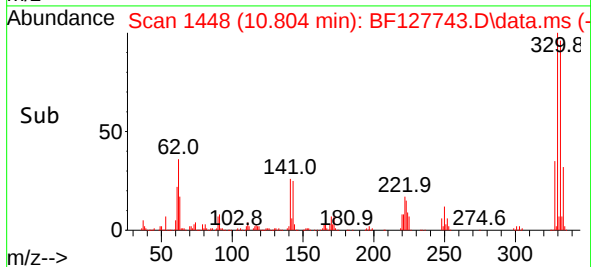
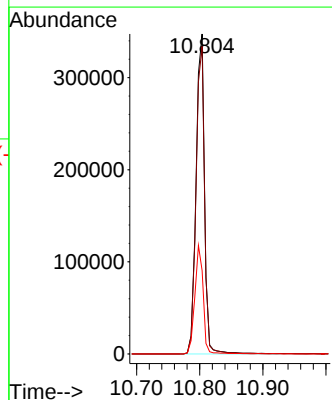
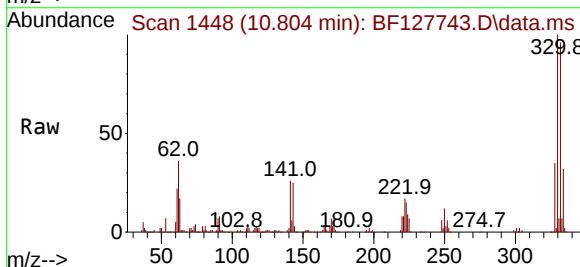
Instrument :
BNA_F
ClientSampleId :
B250-CU

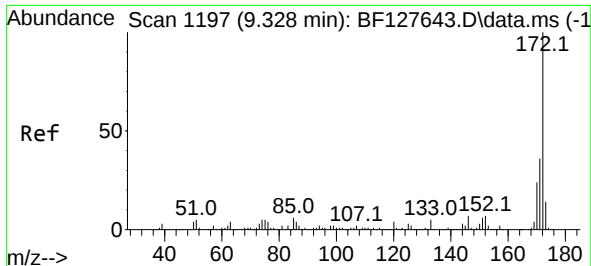
Tgt Ion:164 Resp: 275086
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 44.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 110.081 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Tgt Ion:330 Resp: 322244
Ion Ratio Lower Upper
330 100
332 96.8 79.1 118.7
141 33.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 69.225 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127743.D

Acq: 11 Apr 2022 17:23

Instrument :

BNA_F

ClientSampleId :

B250-CU

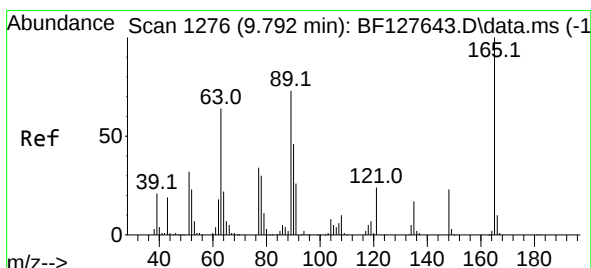
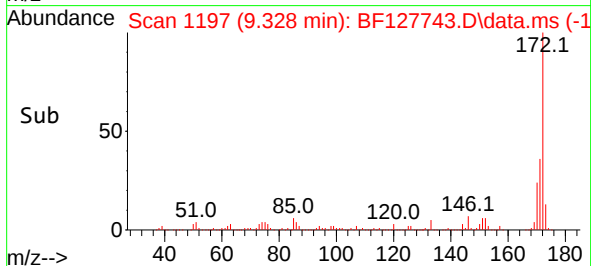
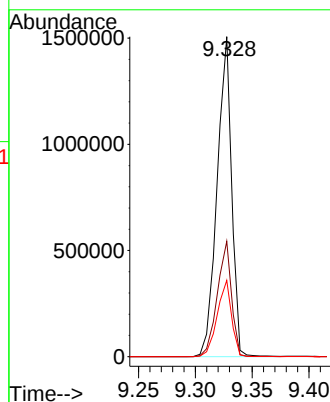
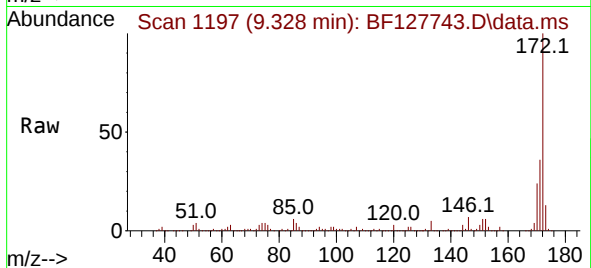
Tgt Ion:172 Resp: 1346107

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.375 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127743.D

Acq: 11 Apr 2022 17:23

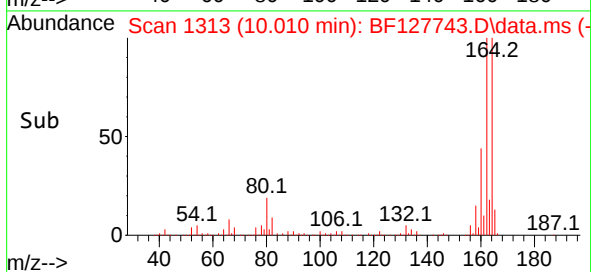
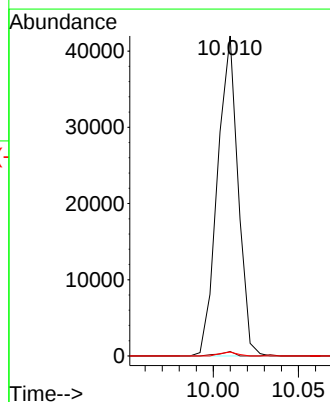
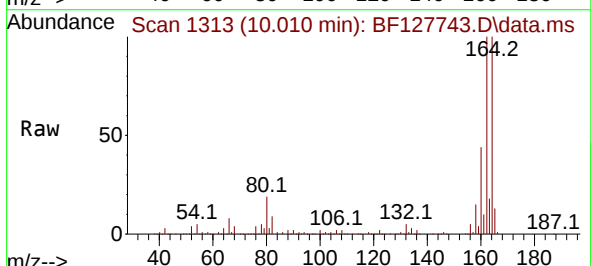
Tgt Ion:165 Resp: 35235

Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.2 51.5 77.3#

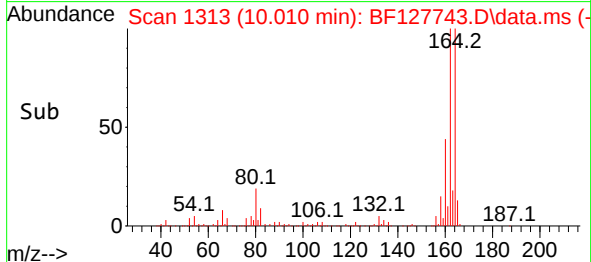
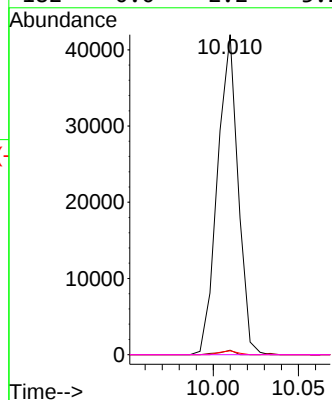
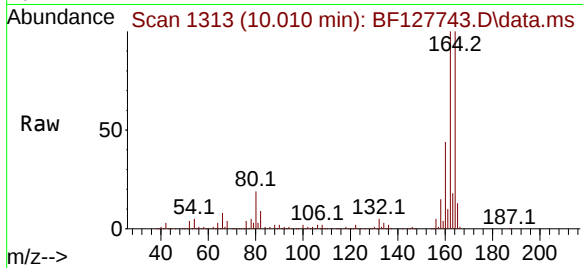




#57
2,4-Dinitrotoluene
Concen: 7.561 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

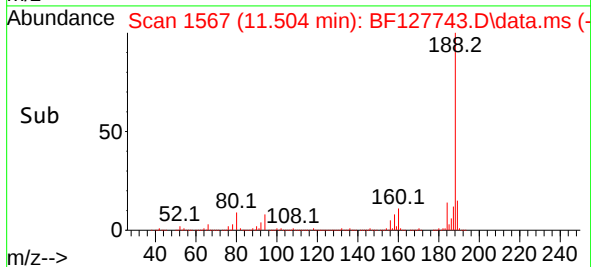
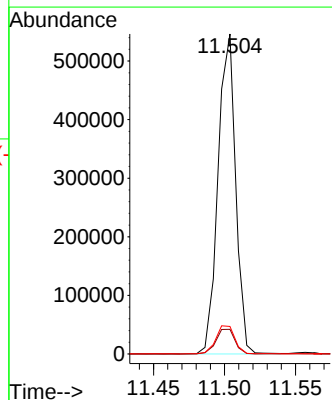
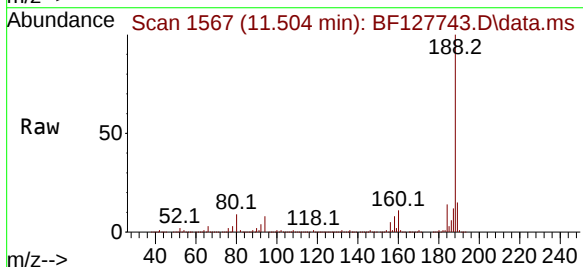
Instrument :
BNA_F
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B250-CU

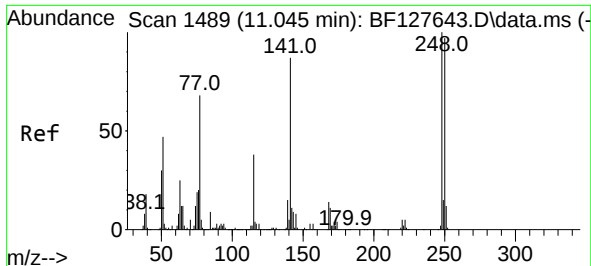
Tgt Ion:165 Resp: 35235
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Tgt Ion:188 Resp: 470918
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.0
80 8.6 8.0 12.0

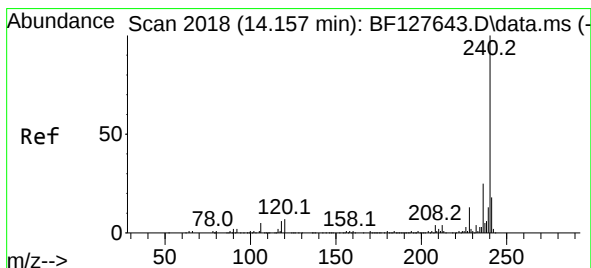
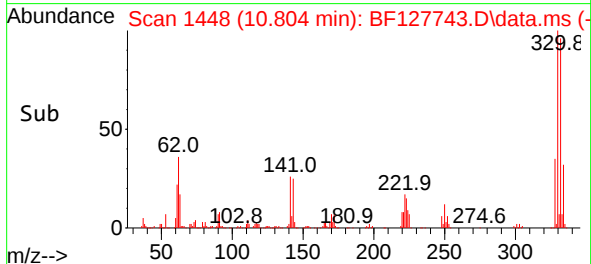
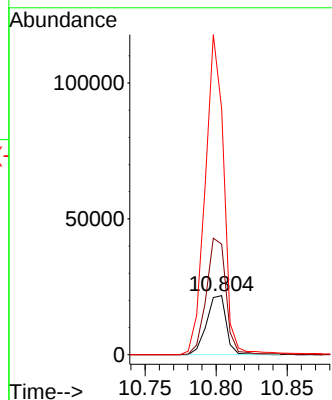
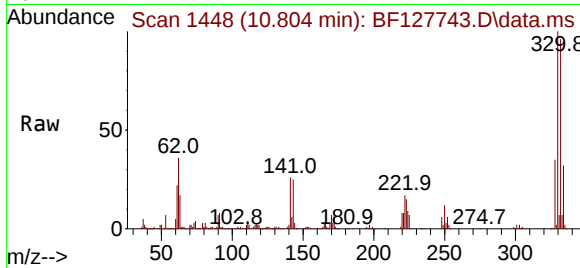




#67
4-Bromophenyl-phenylether
Concen: 3.665 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

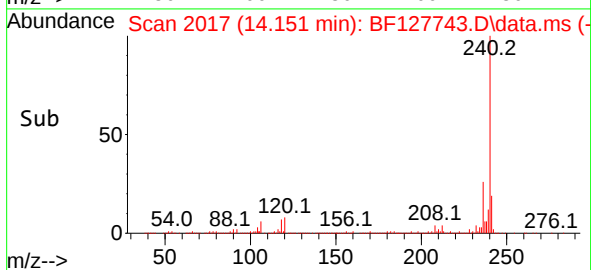
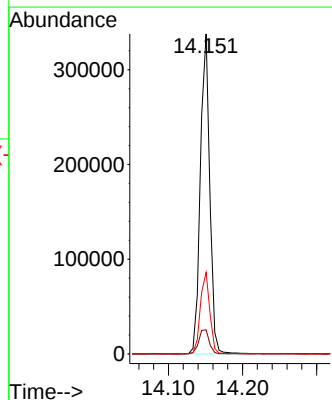
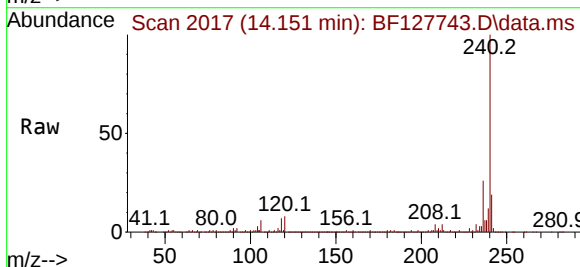
Instrument :
BNA_F
ClientSampleId :
B250-CU

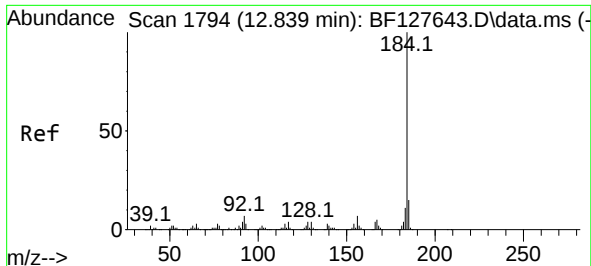
Tgt Ion:248 Resp: 20946
Ion Ratio Lower Upper
248 100
250 187.1 76.6 115.0#
141 416.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Tgt Ion:240 Resp: 297555
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 25.5 20.7 31.1

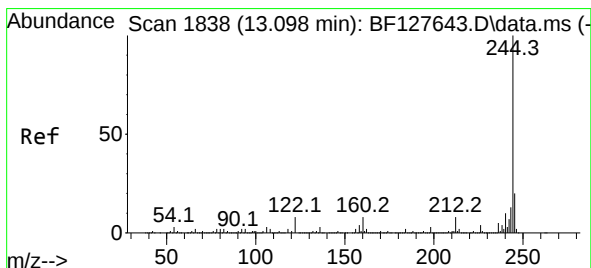
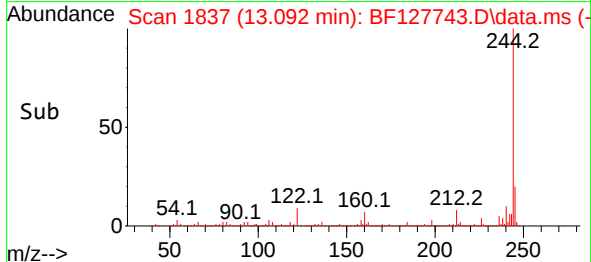
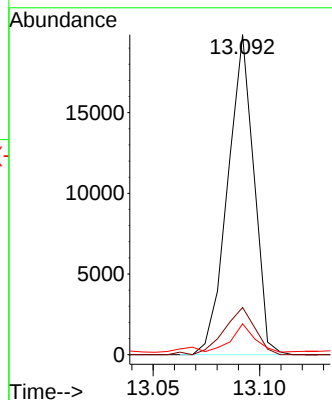
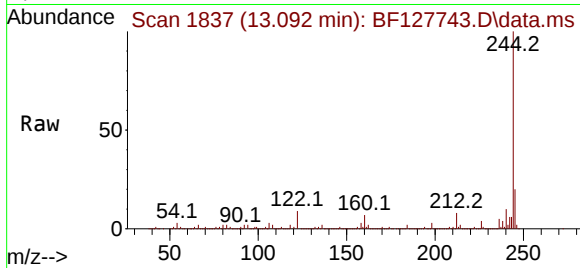




#77
Benzidine
Concen: 2.189 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

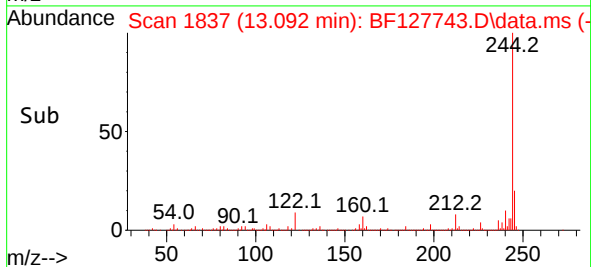
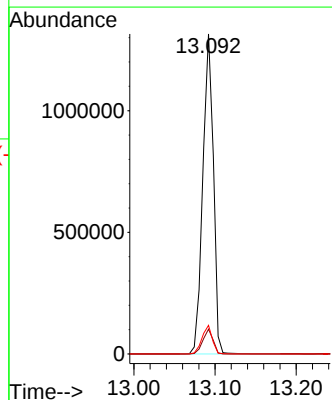
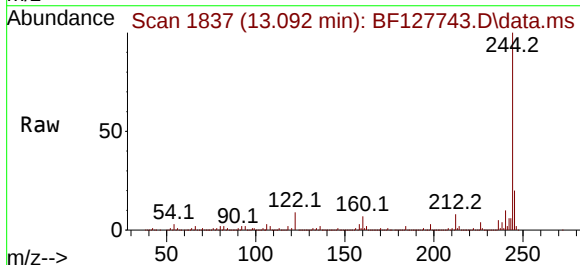
Instrument :
BNA_F
ClientSampleId :
B250-CU

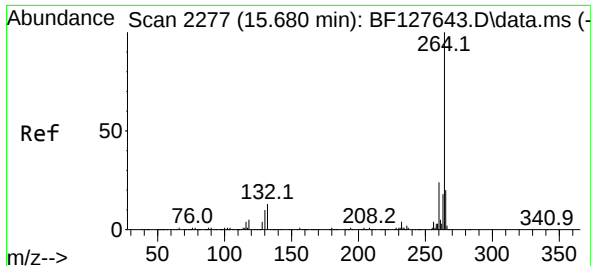
Tgt Ion:184 Resp: 17003
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 9.7 9.4 14.0



#79
Terphenyl-d14
Concen: 65.919 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Tgt Ion:244 Resp: 1188319
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.0 6.2 9.2

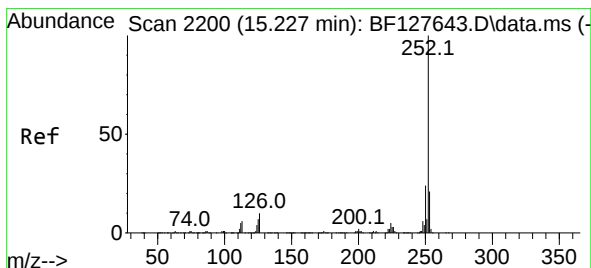
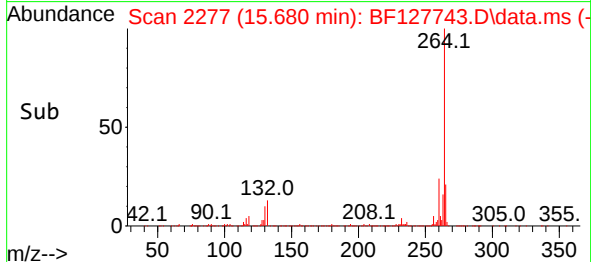
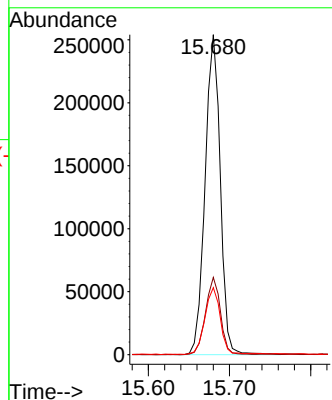
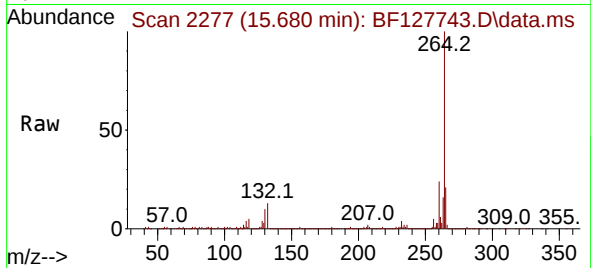




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF127743.D
 Acq: 11 Apr 2022 17:23

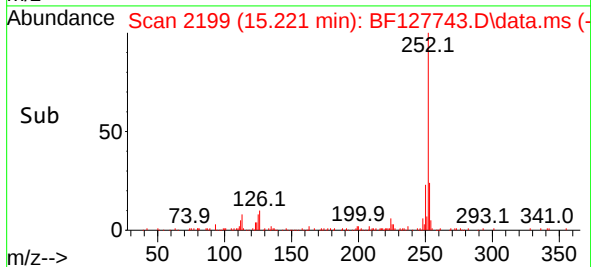
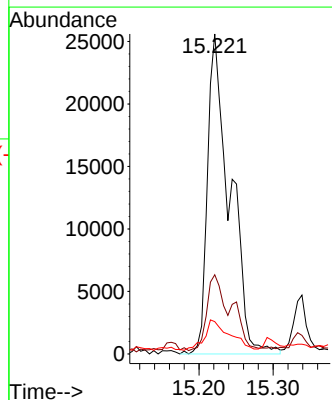
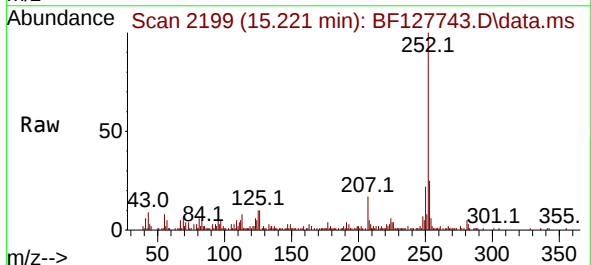
Instrument :
 BNA_F
 ClientSampleId :
 B250-CU

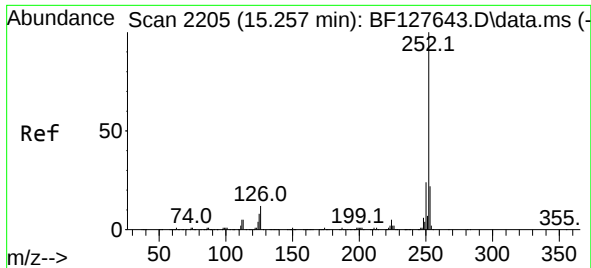
Tgt Ion:264 Resp: 329296
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.0 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.545 ng
 RT: 15.221 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF127743.D
 Acq: 11 Apr 2022 17:23

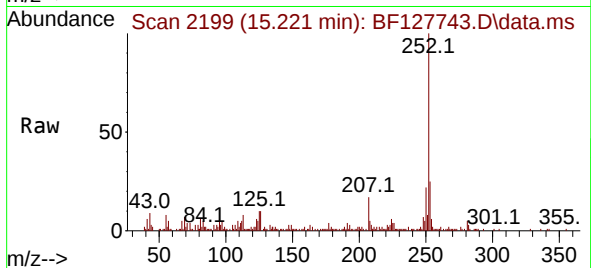
Tgt Ion:252 Resp: 53914
 Ion Ratio Lower Upper
 252 100
 253 24.8 17.9 26.9
 125 10.1 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 2.566 ng
RT: 15.221 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF127743.D
Acq: 11 Apr 2022 17:23

Instrument :
BNA_F
ClientSampleId :
B250-CU



Tgt Ion:252 Resp: 53914
Ion Ratio Lower Upper
252 100
253 24.8 17.3 25.9
125 10.1 6.9 10.3

