

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127179.D
 Acq On : 03 Mar 2022 19:03
 Operator : CG\JU
 Sample : N1751-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-14

Quant Time: Mar 04 02:14:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

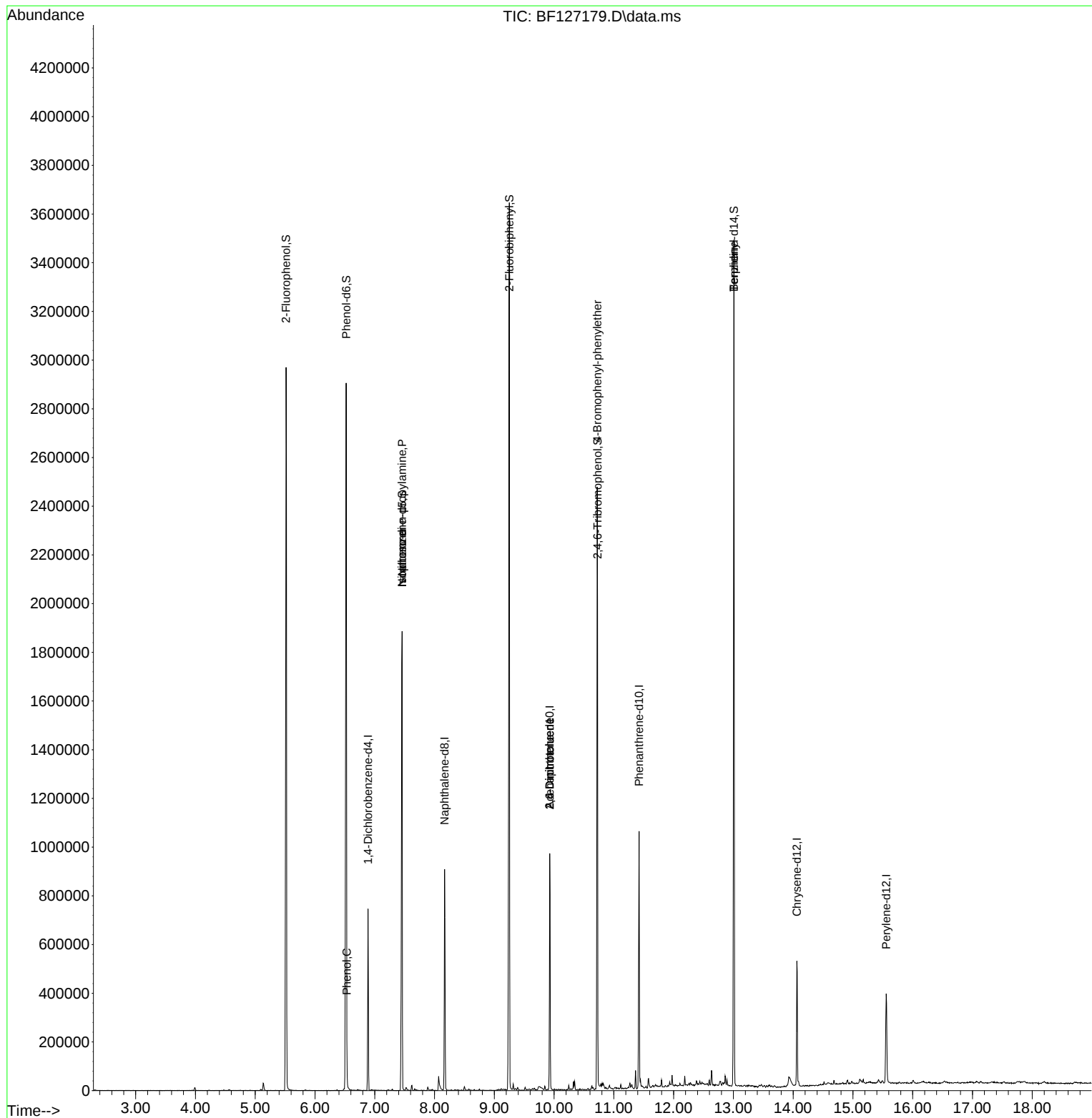
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	92769	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	373200	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	189305	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	333239	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	166262	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	165532	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	820488	136.697	ng	0.00
7) Phenol-d6	6.522	99	1065642	131.575	ng	0.00
23) Nitrobenzene-d5	7.457	82	673108	81.410	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	296021	135.815	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1110400	86.352	ng	0.00
79) Terphenyl-d14	13.010	244	1104899	97.692	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.534	94	18700	2.285	ng	84
19) n-Nitroso-di-n-propyla...	7.457	70	93893	17.991	ng	# 76
25) Isophorone	7.457	82	673099	49.198	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	23916	8.687	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	23916	6.425	ng	# 15
67) 4-Bromophenyl-phenylether	10.722	248	18055	4.849	ng	# 1
77) Benizidine	13.010	184	16924	3.746	ng	# 96

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

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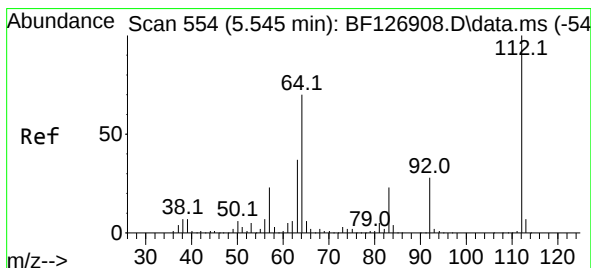
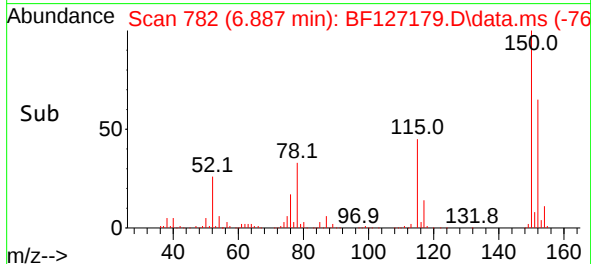
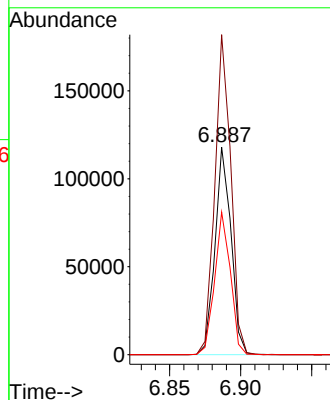
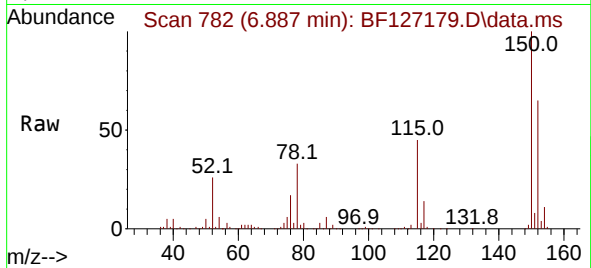




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127179.D
 Acq: 03 Mar 2022 19:03

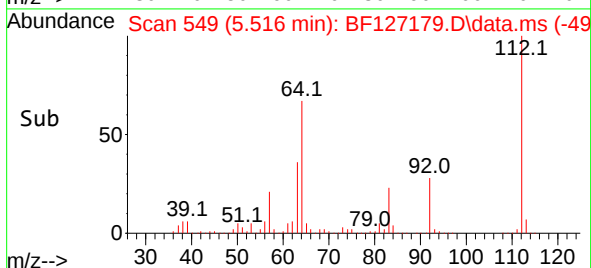
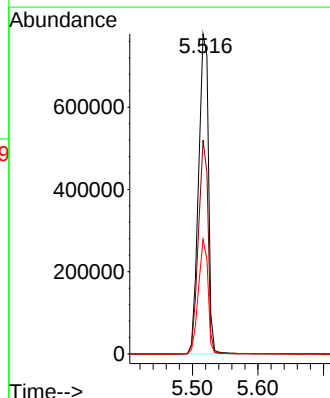
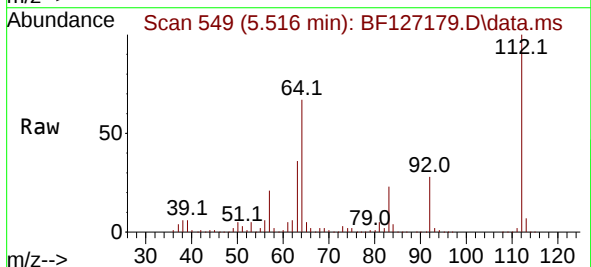
Instrument :
 BNA_F
 ClientSampleId :
 DUM-14

Tgt Ion:152 Resp: 92769
 Ion Ratio Lower Upper
 152 100
 150 154.1 128.1 192.1
 115 68.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 136.697 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF127179.D
 Acq: 03 Mar 2022 19:03

Tgt Ion:112 Resp: 820488
 Ion Ratio Lower Upper
 112 100
 64 66.8 49.5 74.3
 63 35.8 23.9 35.9

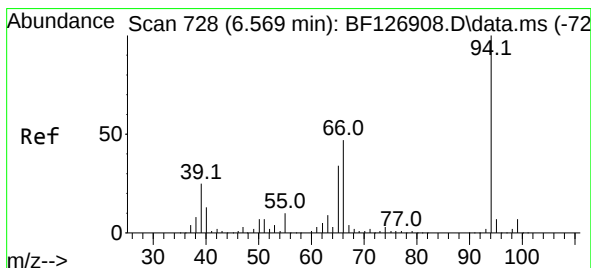
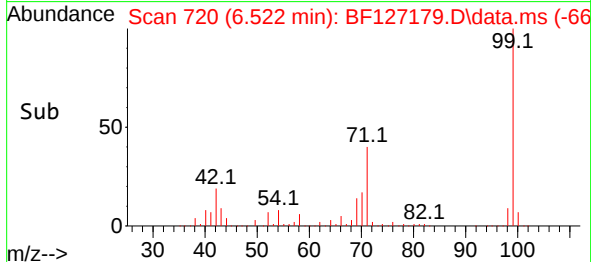
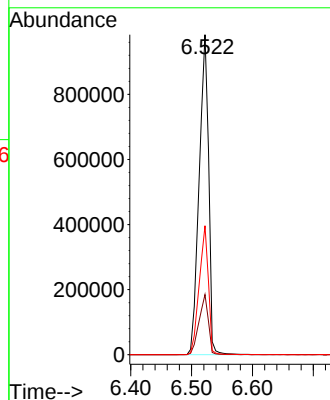
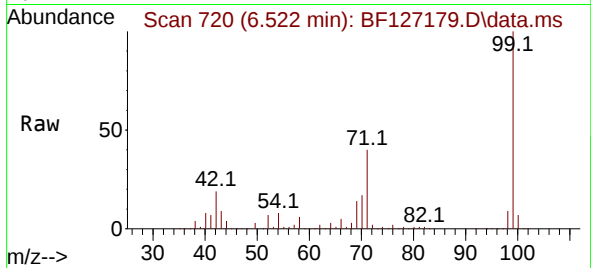




#7
Phenol-d6
Concen: 131.575 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

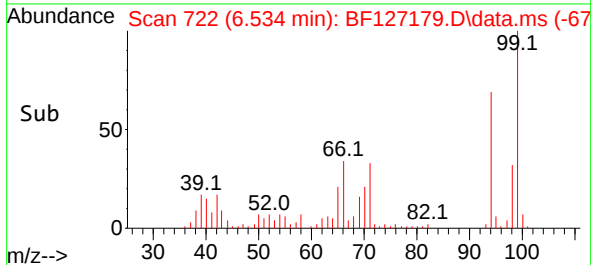
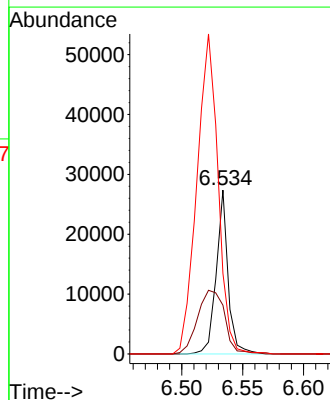
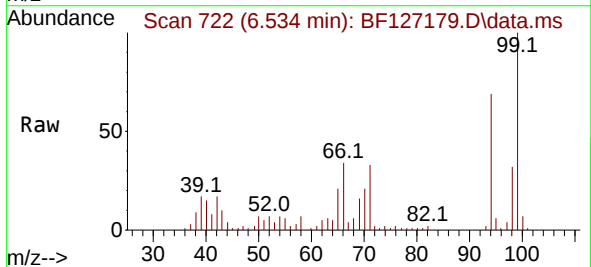
Instrument :
BNA_F
ClientSampleId :
DUM-14

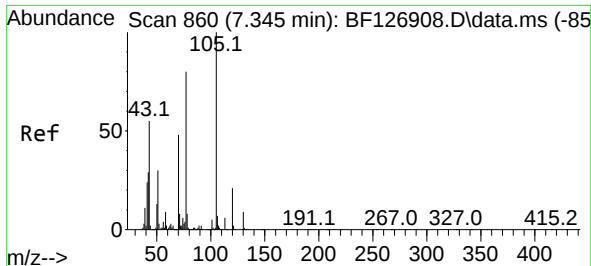
Tgt Ion: 99 Resp: 1065642
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 40.3 24.3 36.5#



#10
Phenol
Concen: 2.285 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

Tgt Ion: 94 Resp: 18700
Ion Ratio Lower Upper
94 100
65 29.8 7.2 47.2
66 49.2 14.5 54.5



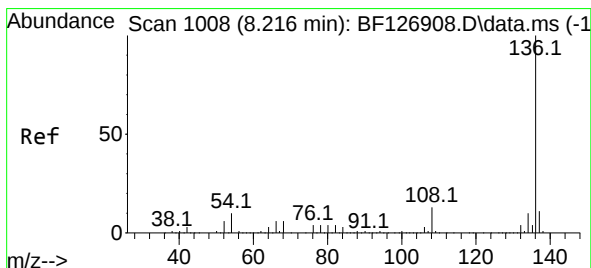
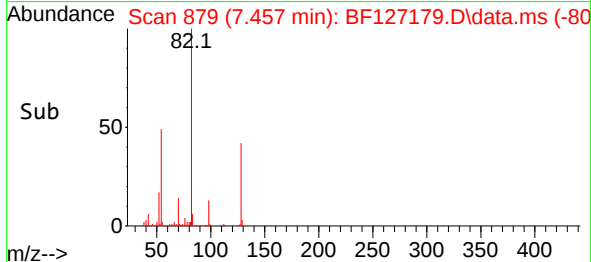
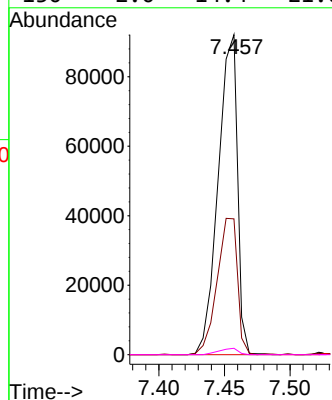
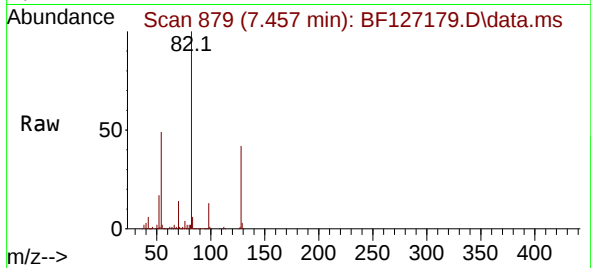


#19
n-Nitroso-di-n-propylamine
Concen: 17.991 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

Instrument :
BNA_F
ClientSampleId :
DUM-14

Tgt Ion: 70 Resp: 93893

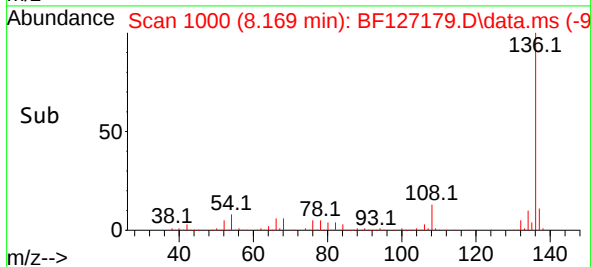
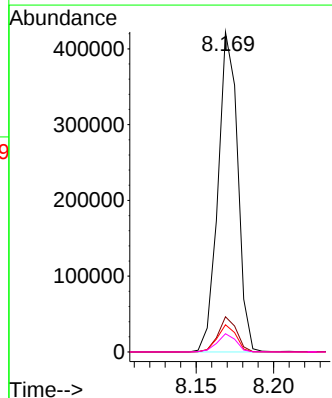
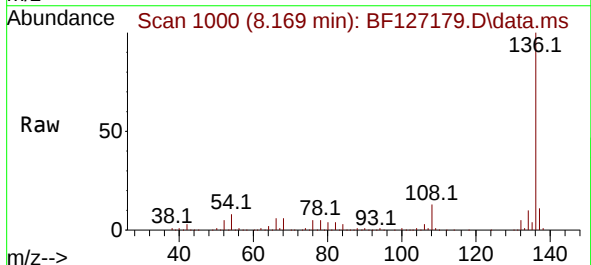
Ion	Ratio	Lower	Upper
70	100		
42	42.4	45.8	68.8#
101	0.0	6.9	10.3#
130	2.0	14.4	21.6#

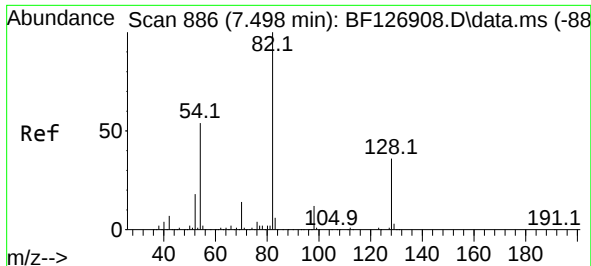


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

Tgt Ion: 136 Resp: 373200

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.5	7.8	11.6
68	5.7	6.3	9.5#





#23

Nitrobenzene-d5

Concen: 81.410 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127179.D

Acq: 03 Mar 2022 19:03

Instrument :

BNA_F

ClientSampleId :

DUM-14

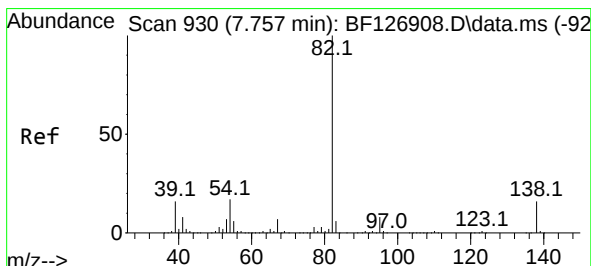
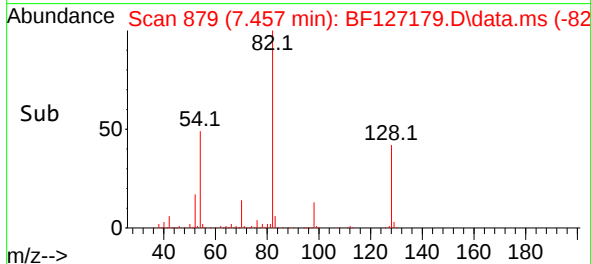
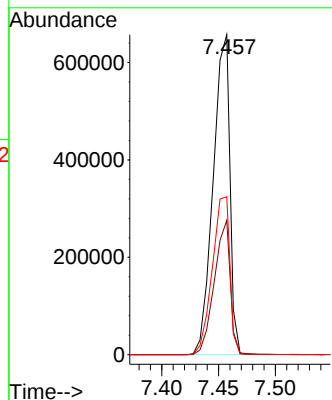
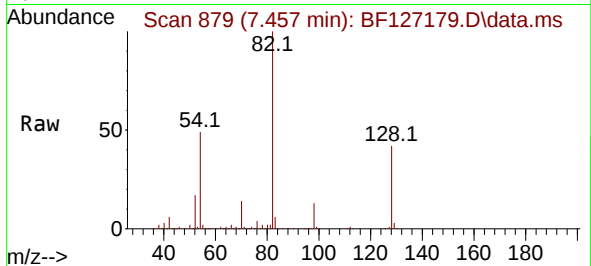
Tgt Ion: 82 Resp: 673108

Ion Ratio Lower Upper

82 100

128 41.9 32.7 49.1

54 49.4 41.7 62.5



#25

Isophorone

Concen: 49.198 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.259 min

Lab File: BF127179.D

Acq: 03 Mar 2022 19:03

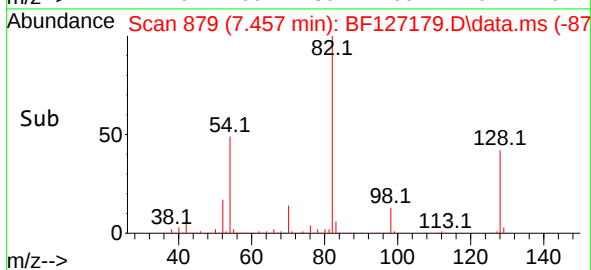
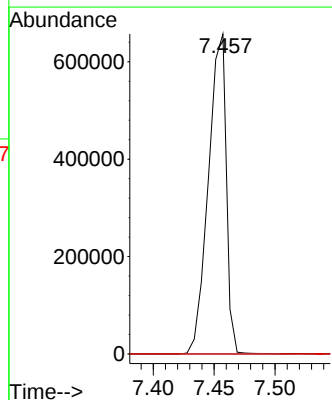
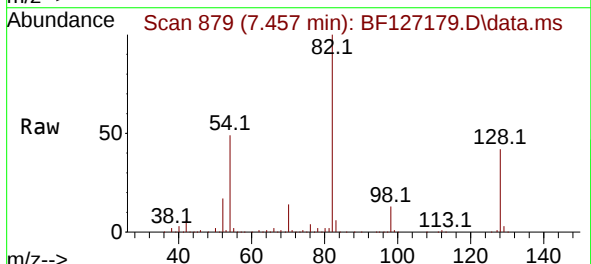
Tgt Ion: 82 Resp: 673099

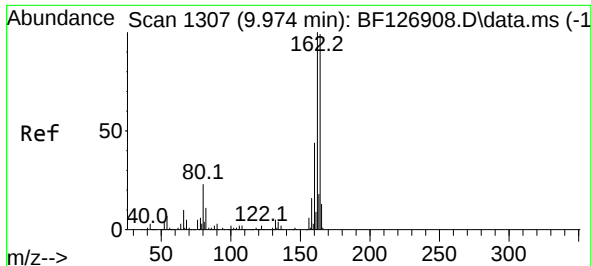
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127179.D

Acq: 03 Mar 2022 19:03

Instrument :

BNA_F

ClientSampleId :

DUM-14

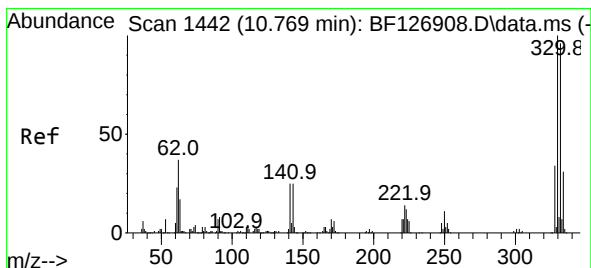
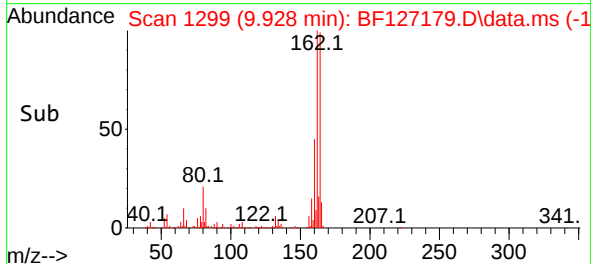
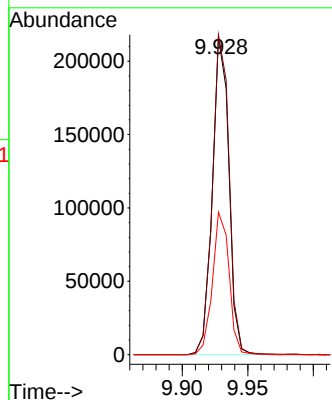
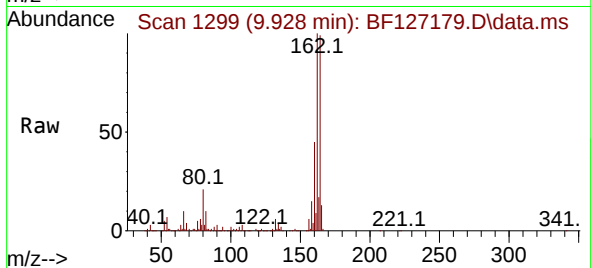
Tgt Ion:164 Resp: 189305

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

160 44.9 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 135.815 ng

RT: 10.728 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF127179.D

Acq: 03 Mar 2022 19:03

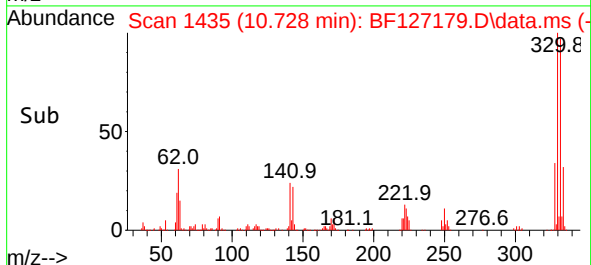
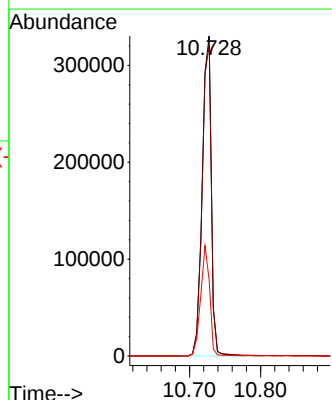
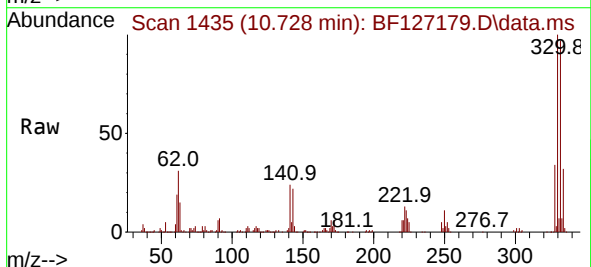
Tgt Ion:330 Resp: 296021

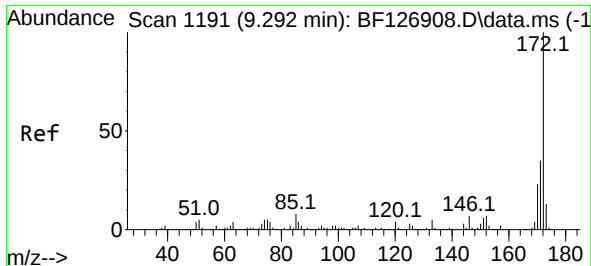
Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 34.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 86.352 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF127179.D

Acq: 03 Mar 2022 19:03

Instrument :

BNA_F

ClientSampleId :

DUM-14

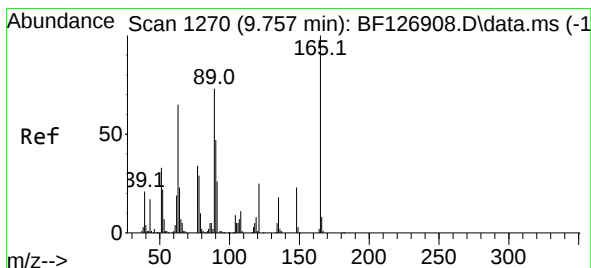
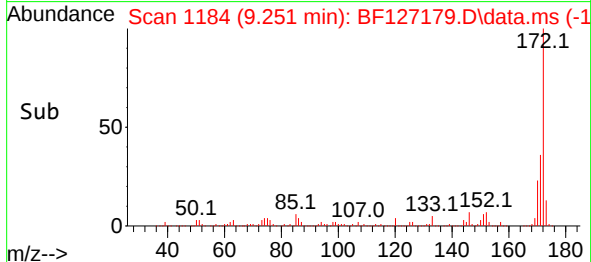
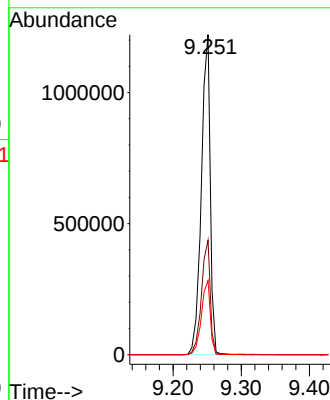
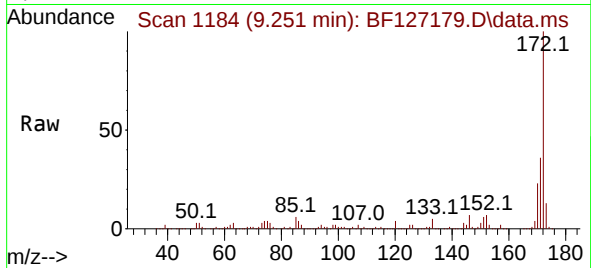
Tgt Ion:172 Resp: 1110400

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.687 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF127179.D

Acq: 03 Mar 2022 19:03

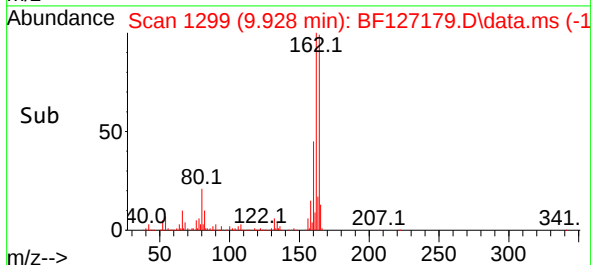
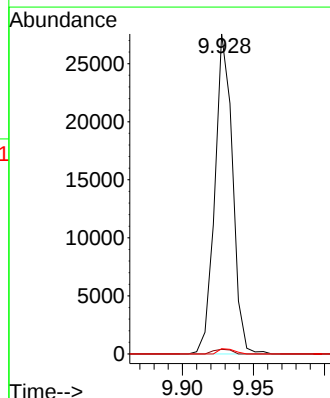
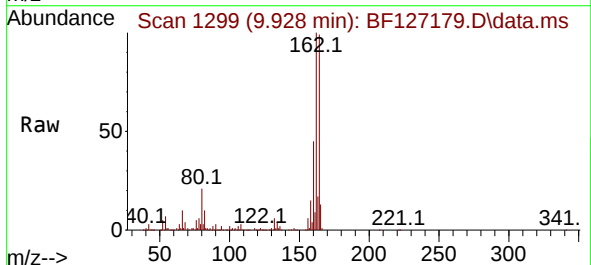
Tgt Ion:165 Resp: 23916

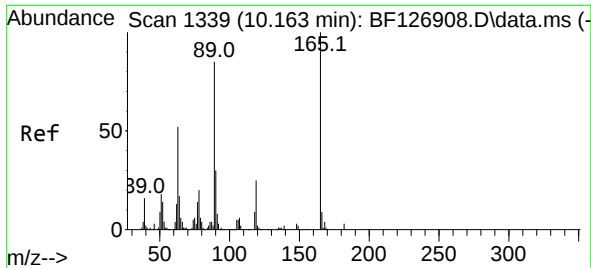
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.7 50.5 75.7#

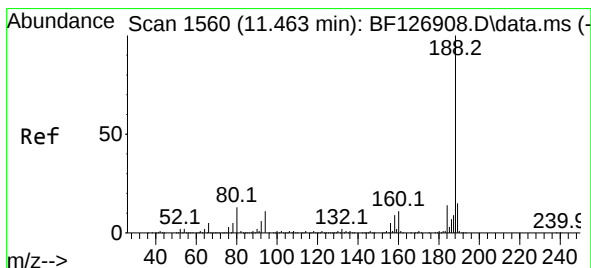
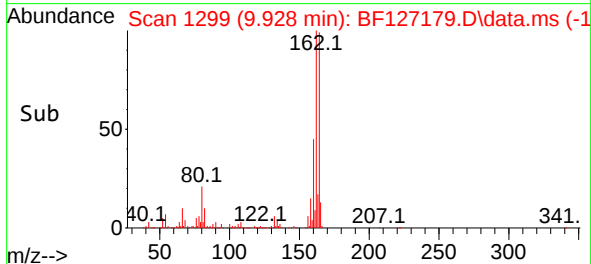
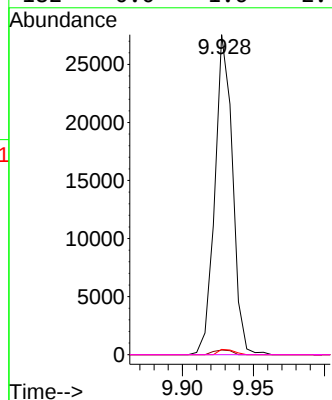
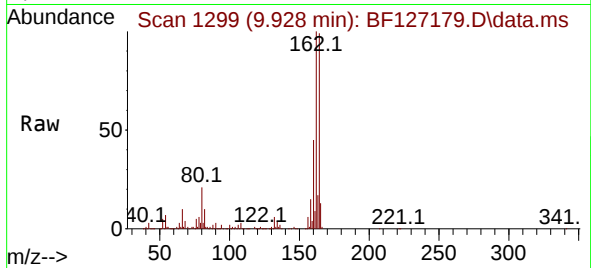




#57
2,4-Dinitrotoluene
Concen: 6.425 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

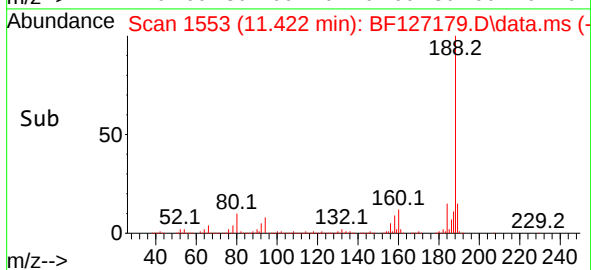
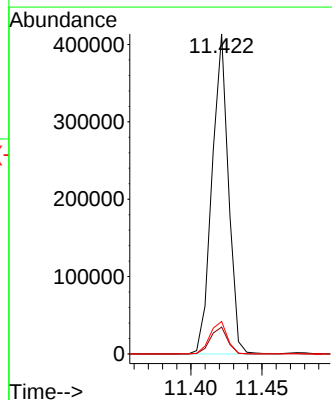
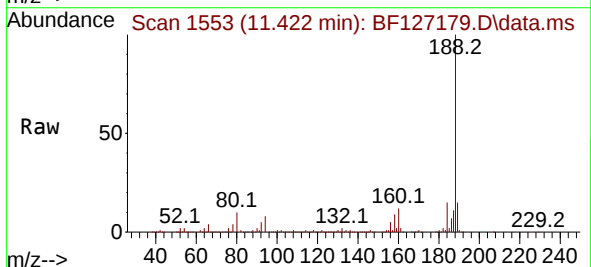
Instrument :
BNA_F
ClientSampleId :
DUM-14

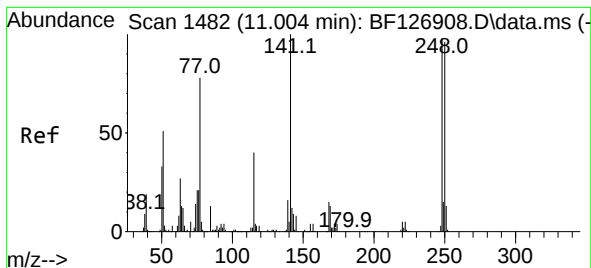
Tgt Ion:165 Resp: 23916
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

Tgt Ion:188 Resp: 333239
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 10.1 11.8 17.6#

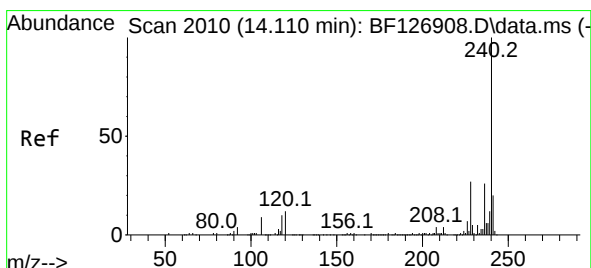
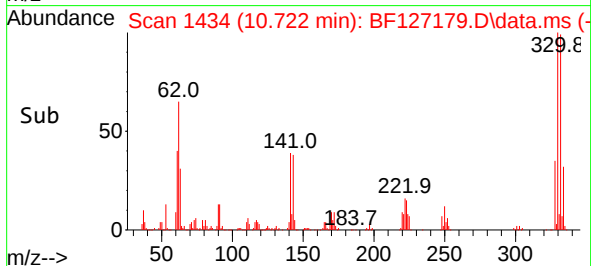
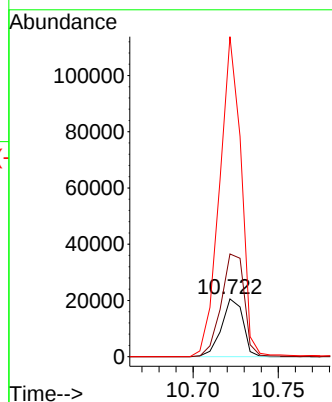
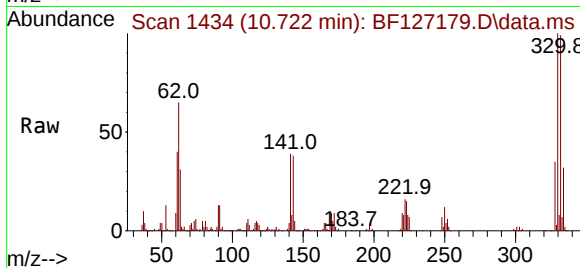




#67
4-Bromophenyl-phenylether
Concen: 4.849 ng
RT: 10.722 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

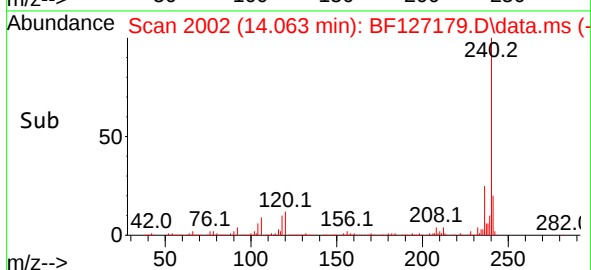
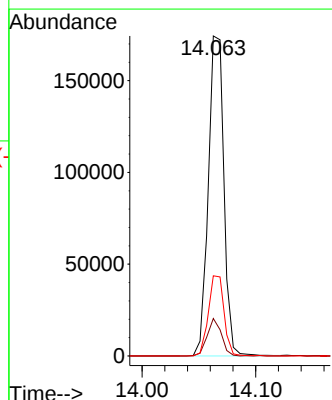
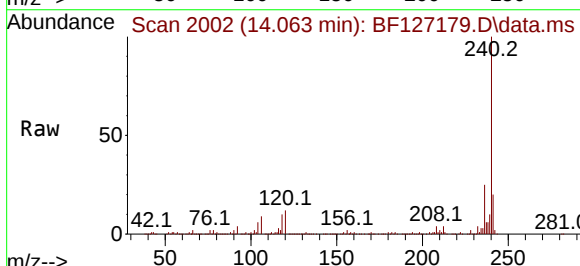
Instrument :
BNA_F
ClientSampleId :
DUM-14

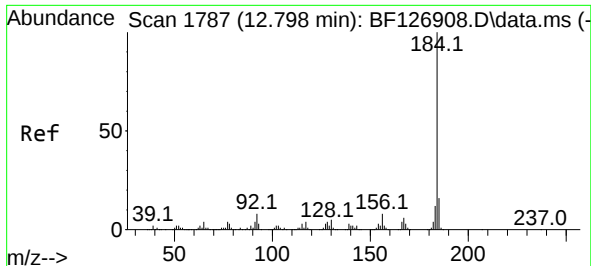
Tgt Ion:248 Resp: 18055
Ion Ratio Lower Upper
248 100
250 177.9 76.2 114.4#
141 554.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

Tgt Ion:240 Resp: 166262
Ion Ratio Lower Upper
240 100
120 11.7 14.4 21.6#
236 25.1 20.5 30.7

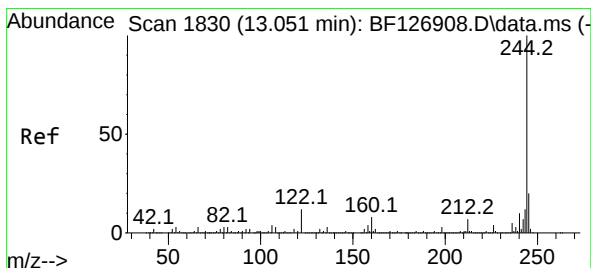
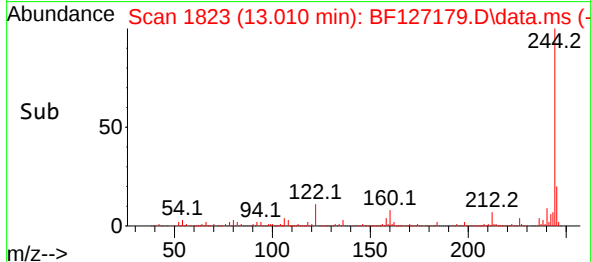
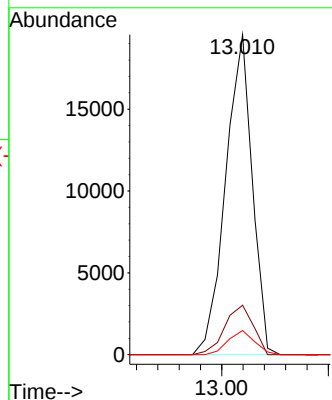
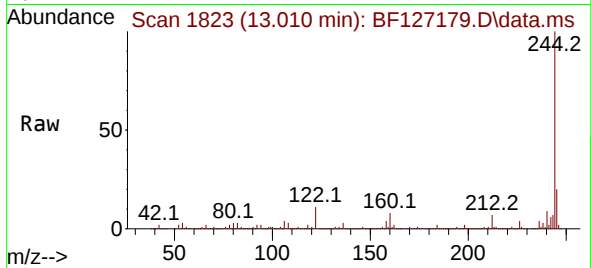




#77
Benzidine
Concen: 3.746 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

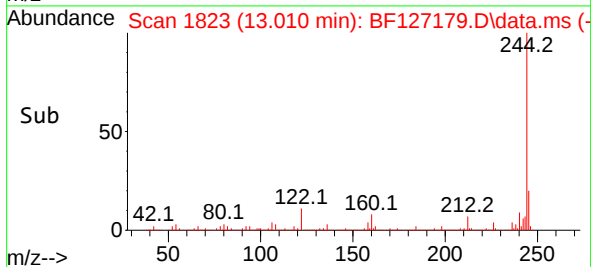
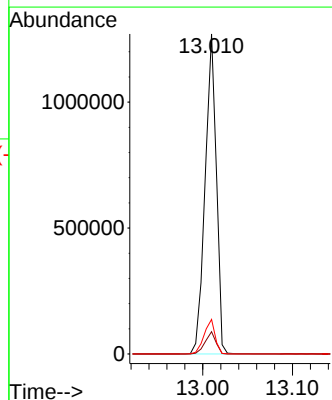
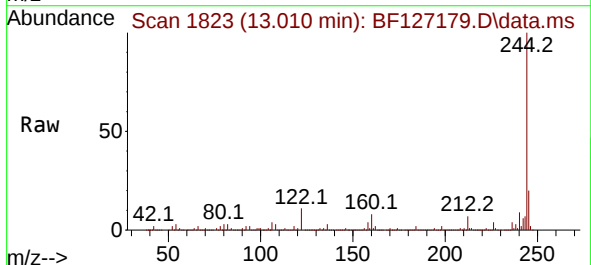
Instrument :
BNA_F
ClientSampleId :
DUM-14

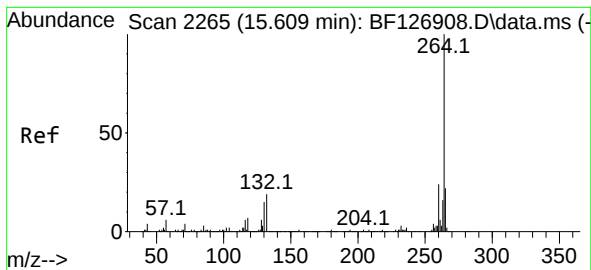
Tgt Ion:184 Resp: 16924
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 7.5 8.2 12.2#



#79
Terphenyl-d14
Concen: 97.692 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

Tgt Ion:244 Resp: 1104899
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 10.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127179.D
Acq: 03 Mar 2022 19:03

Instrument :
BNA_F
ClientSampleId :
DUM-14

Tgt Ion:264 Resp: 165532
Ion Ratio Lower Upper
264 100
260 21.4 19.2 28.8
265 21.7 17.4 26.2

