

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127979.D
 Acq On : 28 Apr 2022 14:23
 Operator : CG\JU
 Sample : N2482-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COP-1R

Quant Time: Apr 28 17:24:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

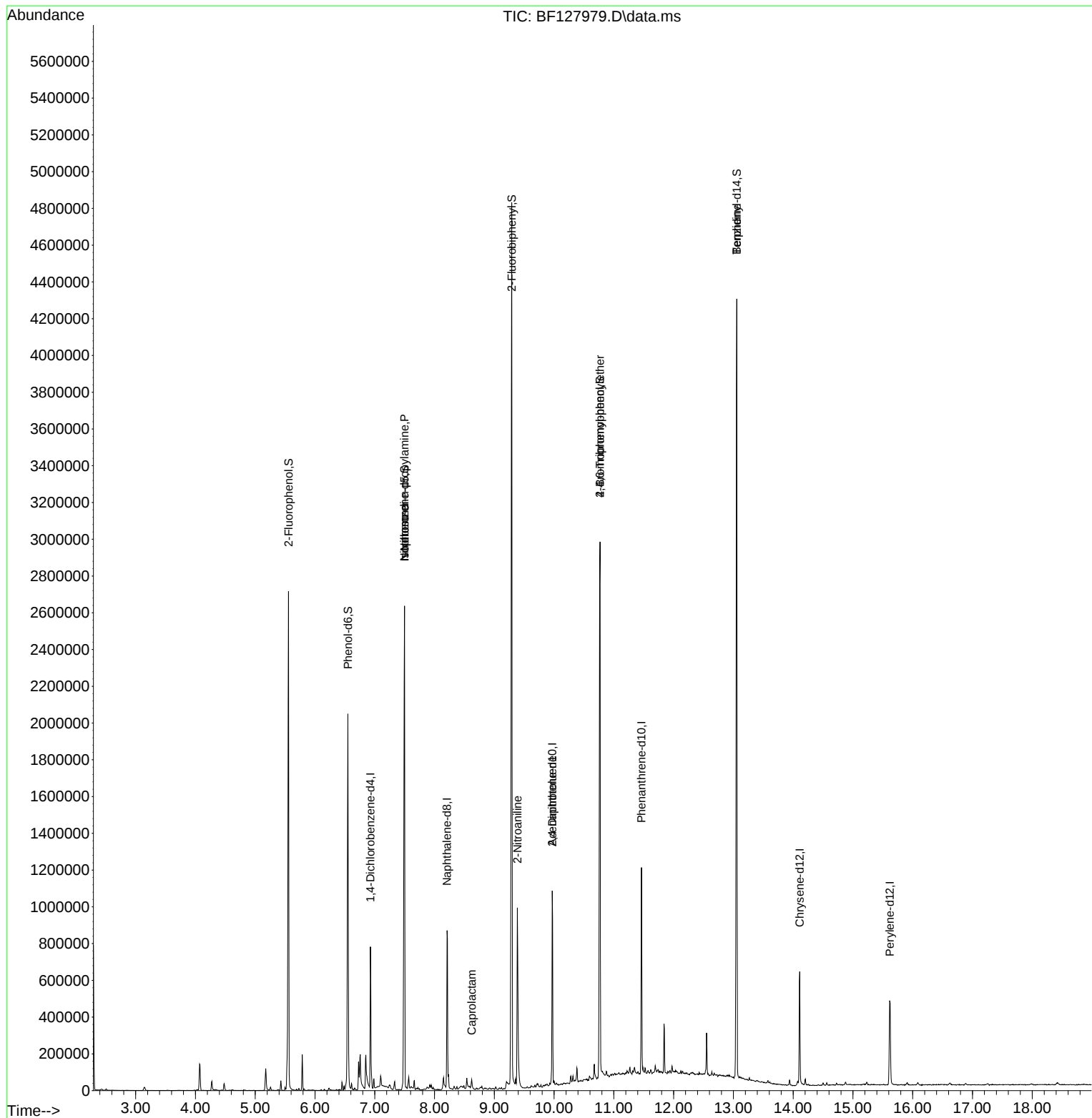
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	102463	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	396198	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	223508	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	393620	20.000	ng	0.00
76) Chrysene-d12	14.110	240	219856	20.000	ng	0.00
86) Perylene-d12	15.615	264	226080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	672987	104.616	ng	0.00
7) Phenol-d6	6.551	99	681127	81.600	ng	-0.01
23) Nitrobenzene-d5	7.498	82	1005082	119.292	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	381435	169.528	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1560492	118.114	ng	0.00
79) Terphenyl-d14	13.057	244	1573638	130.881	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	138380	27.082	ng	# 79
25) Isophorone	7.498	82	1001315	70.612	ng	# 68
35) Caprolactam	8.622	113	5593	2.878	ng	93
48) 2-Nitroaniline	9.386	65	22280	5.226	ng	# 18
57) 2,4-Dinitrotoluene	9.969	165	30236	7.033	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	24136	5.531	ng	# 1
77) Benzidine	13.057	184	23968	5.762	ng	# 94

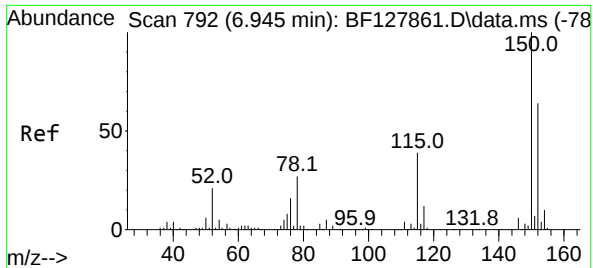
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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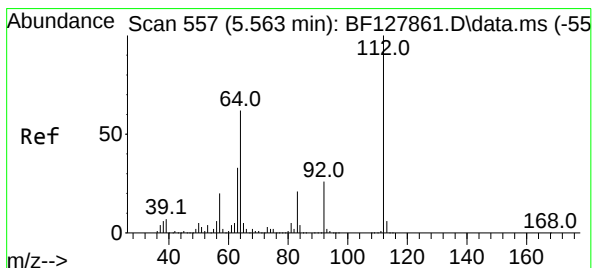
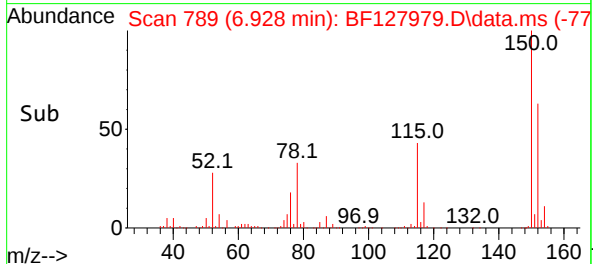
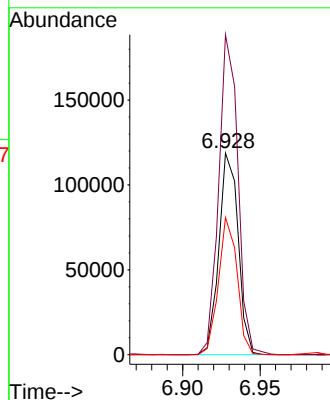
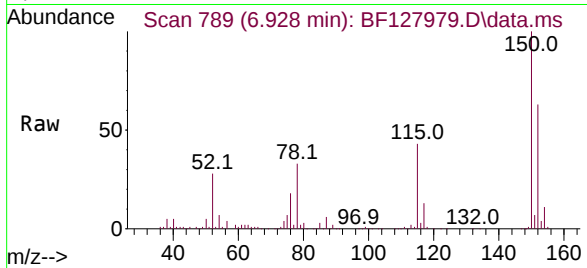




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

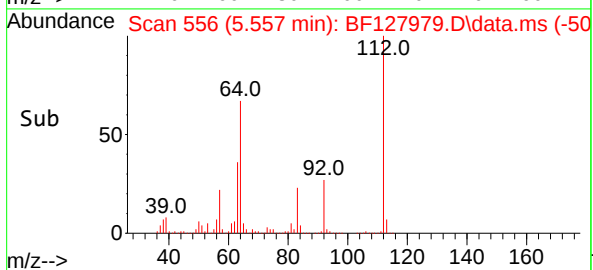
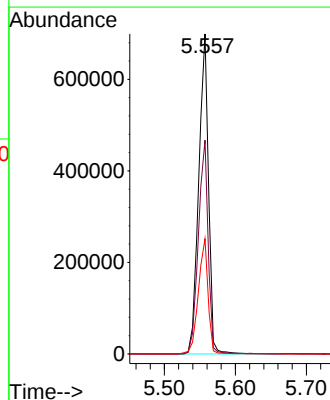
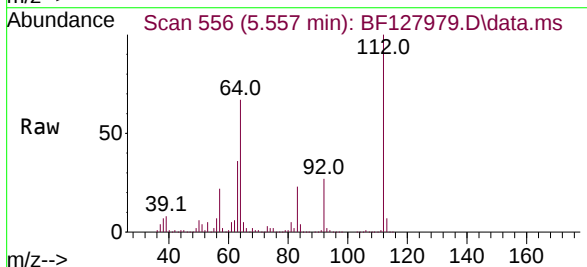
Instrument :
BNA_F
ClientSampleId :
COP-1R

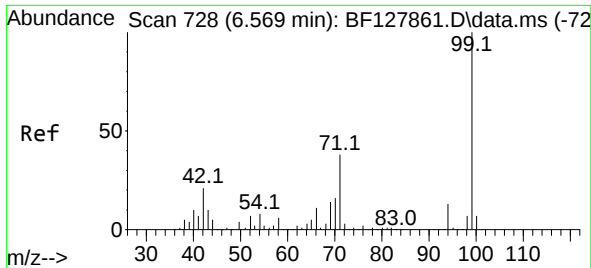
Tgt Ion:152 Resp: 102463
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 68.1 48.8 73.2



#5
2-Fluorophenol
Concen: 104.616 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

Tgt Ion:112 Resp: 672987
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 36.0 26.3 39.5

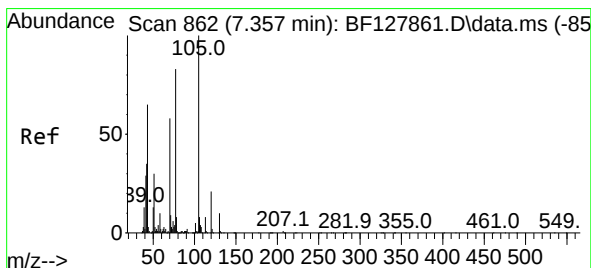
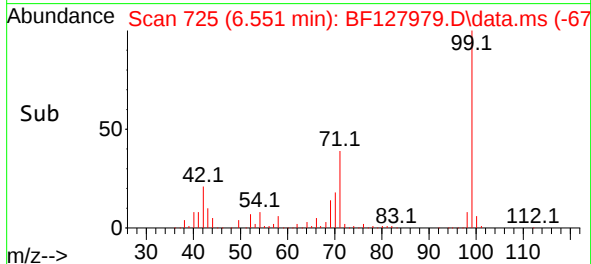
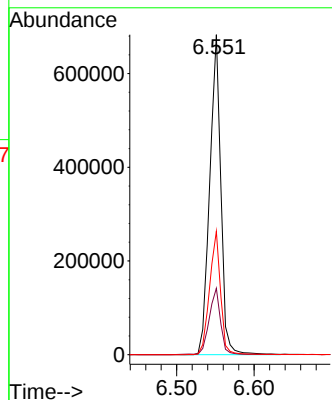
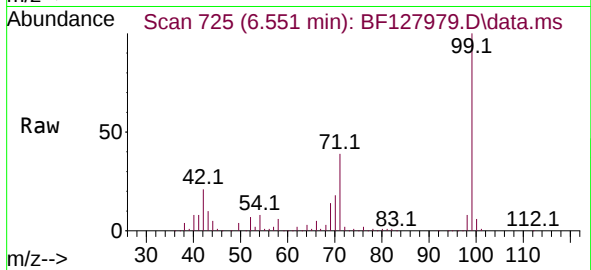




#7
Phenol-d6
Concen: 81.600 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

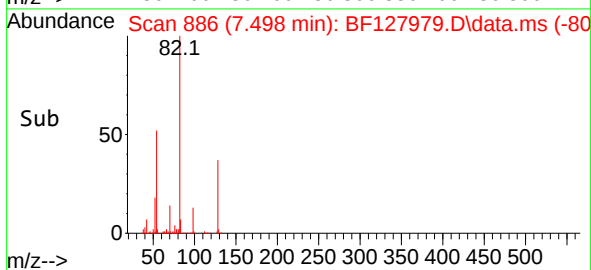
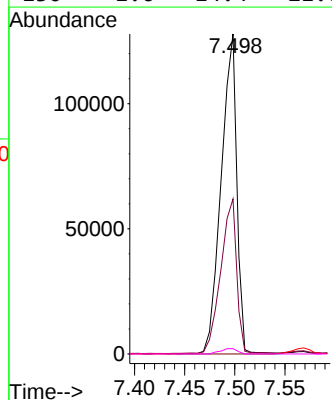
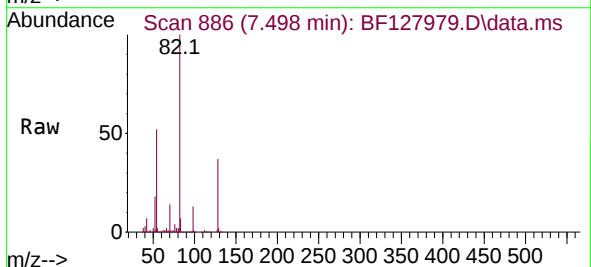
Instrument :
BNA_F
ClientSampleId :
COP-1R

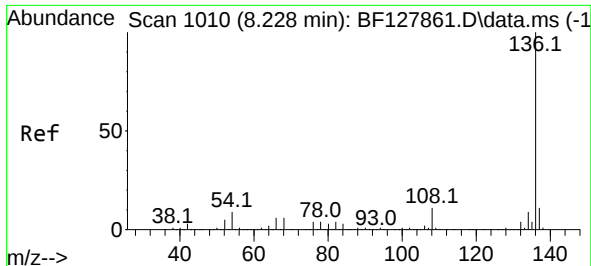
Tgt Ion: 99 Resp: 681127
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 38.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 27.082 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

Tgt Ion: 70 Resp: 138380
Ion Ratio Lower Upper
70 100
42 48.4 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

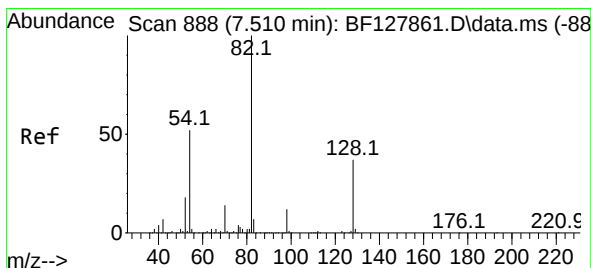
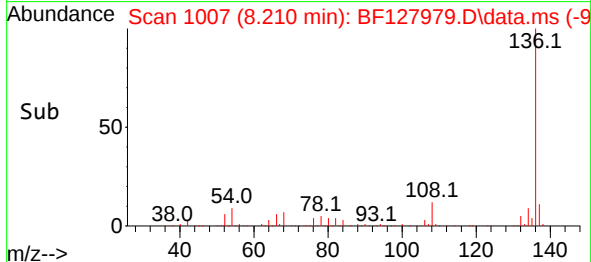
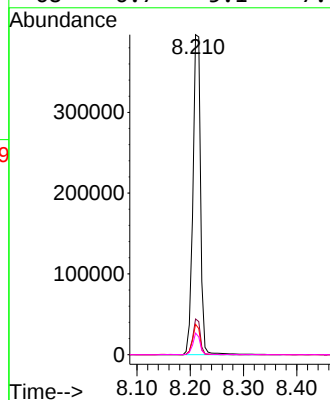
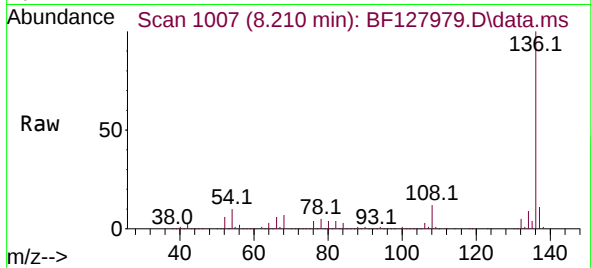




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

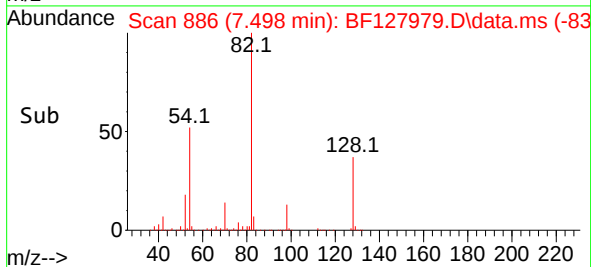
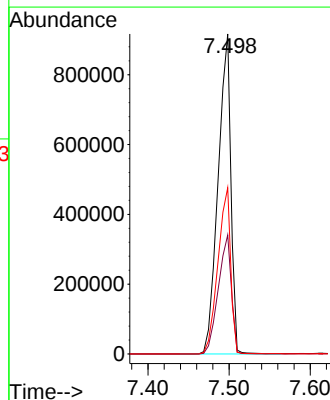
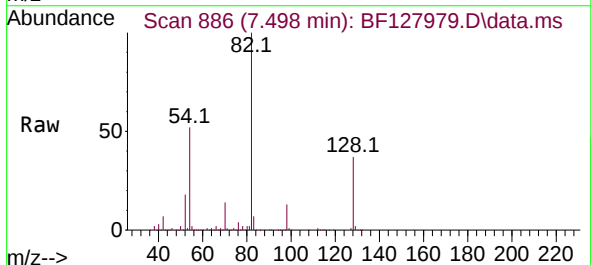
Instrument :
BNA_F
ClientSampleId :
COP-1R

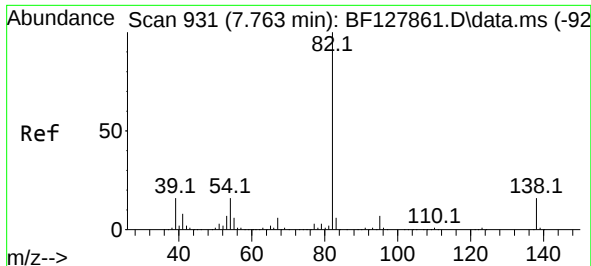
Tgt Ion:	136	Resp:	396198
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.5	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 119.292 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

Tgt Ion:	82	Resp:	1005082
Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.0	45.0
54	52.0	41.3	61.9

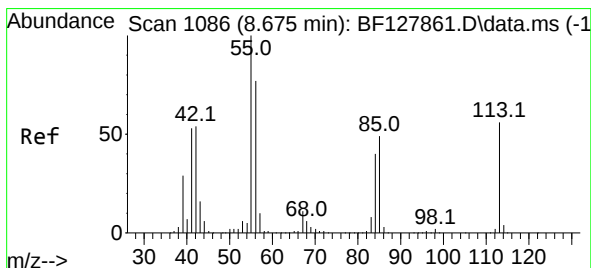
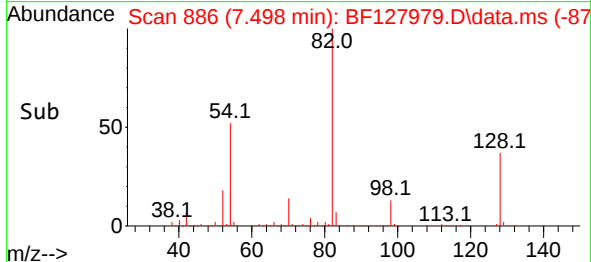
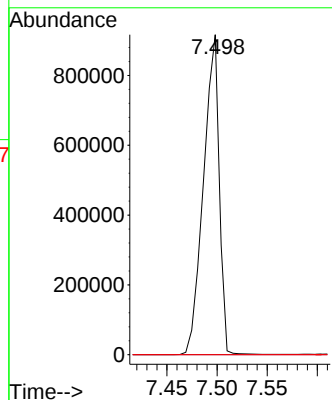
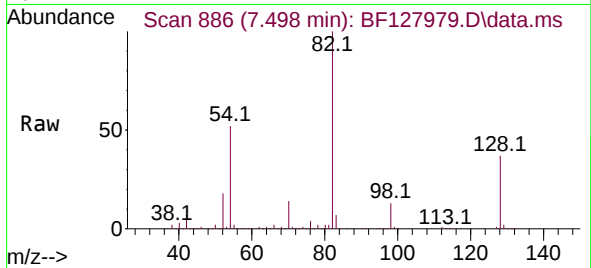




#25
Isophorone
Concen: 70.612 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

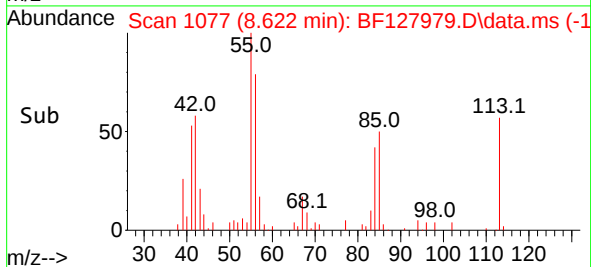
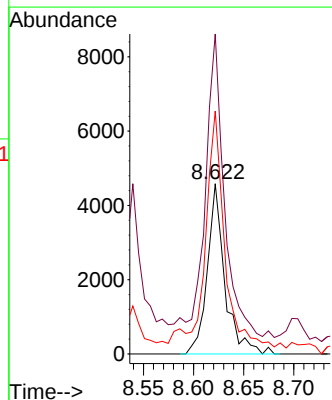
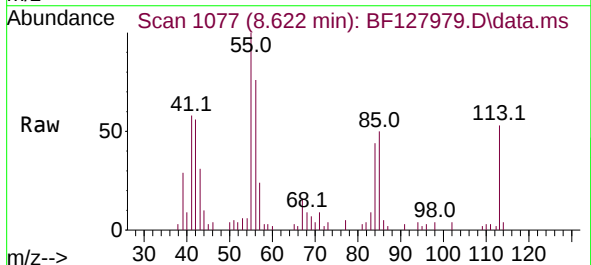
Instrument :
BNA_F
ClientSampleId :
COP-1R

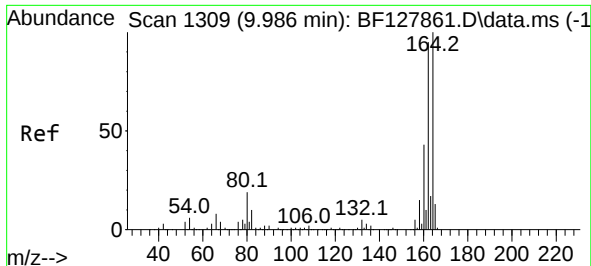
Tgt Ion: 82 Resp: 1001315
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#35
Caprolactam
Concen: 2.878 ng
RT: 8.622 min Scan# 1077
Delta R.T. -0.047 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

Tgt Ion: 113 Resp: 5593
Ion Ratio Lower Upper
113 100
55 188.0 157.4 197.4
56 142.7 116.1 156.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127979.D

Acq: 28 Apr 2022 14:23

Instrument :

BNA_F

ClientSampleId :

COP-1R

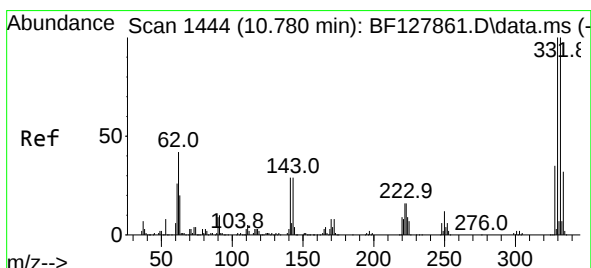
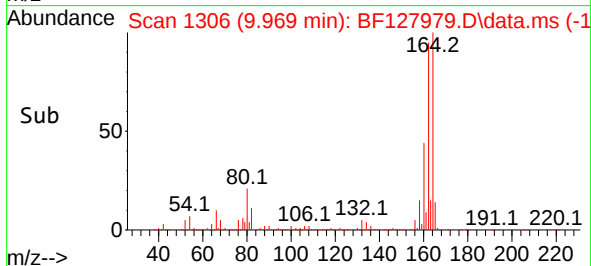
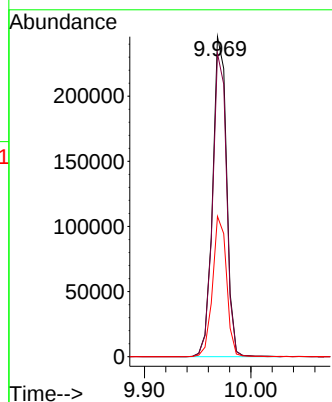
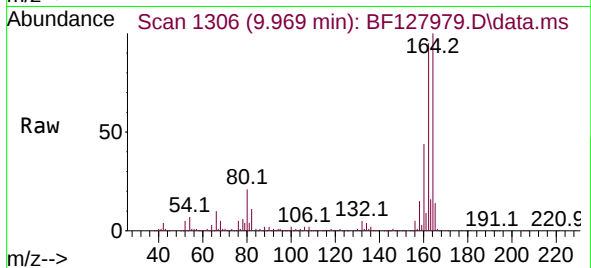
Tgt Ion:164 Resp: 223508

Ion Ratio Lower Upper

164 100

162 94.8 76.0 114.0

160 43.8 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 169.528 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127979.D

Acq: 28 Apr 2022 14:23

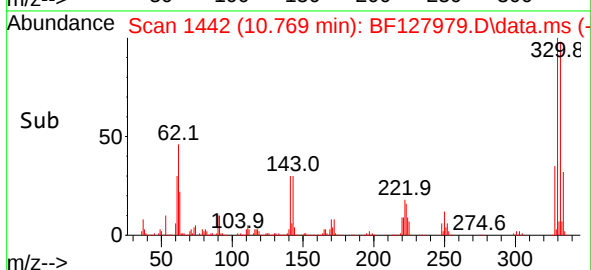
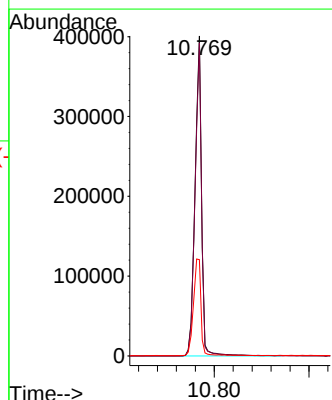
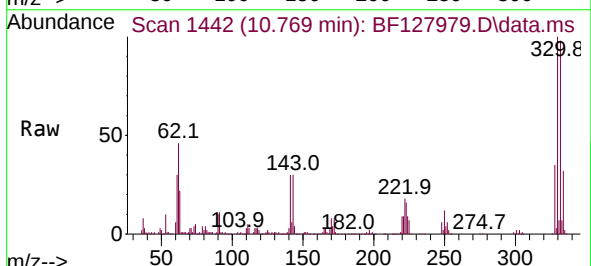
Tgt Ion:330 Resp: 381435

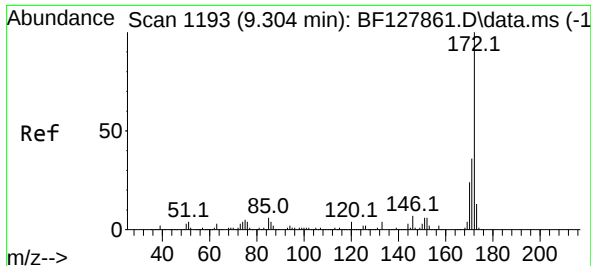
Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 35.1 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 118.114 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127979.D

Acq: 28 Apr 2022 14:23

Instrument :

BNA_F

ClientSampleId :

COP-1R

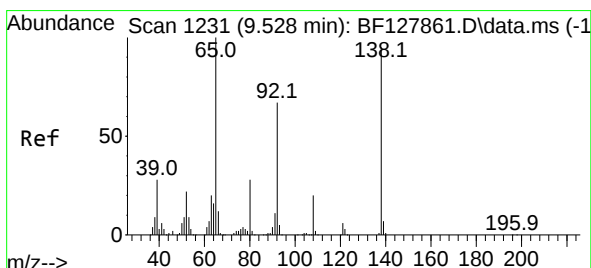
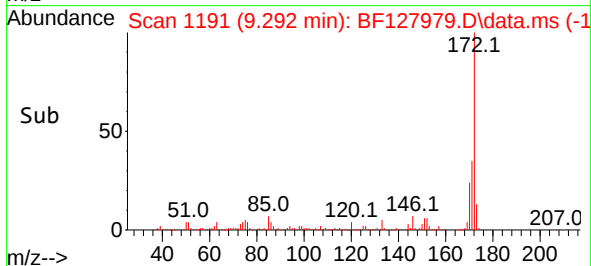
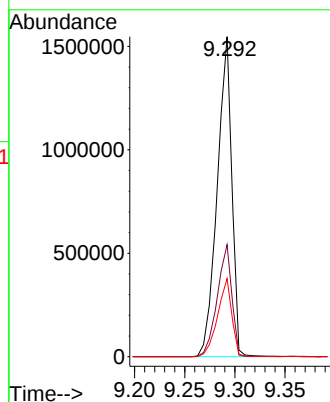
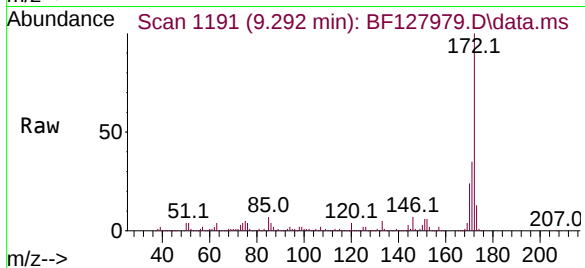
Tgt Ion:172 Resp: 1560492

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 24.4 19.1 28.7



#48

2-Nitroaniline

Concen: 5.226 ng

RT: 9.386 min Scan# 1207

Delta R.T. -0.135 min

Lab File: BF127979.D

Acq: 28 Apr 2022 14:23

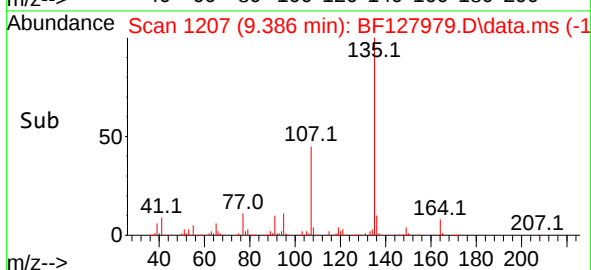
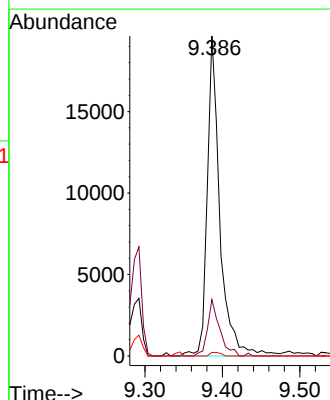
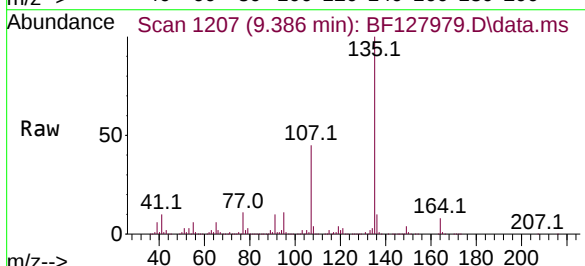
Tgt Ion: 65 Resp: 22280

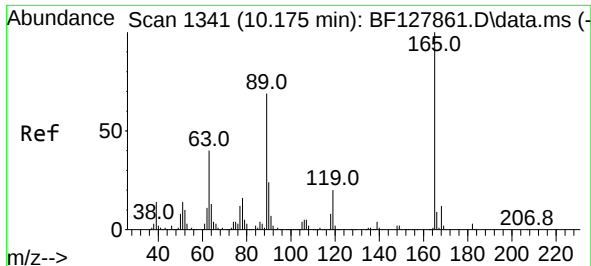
Ion Ratio Lower Upper

65 100

92 17.6 53.7 80.5#

138 1.1 76.4 114.6#

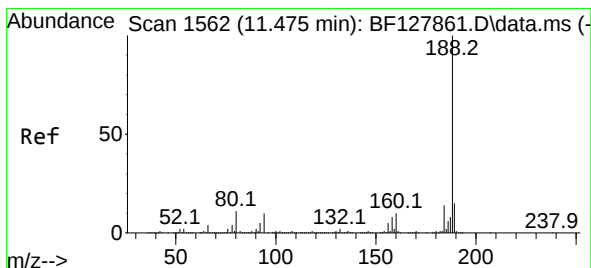
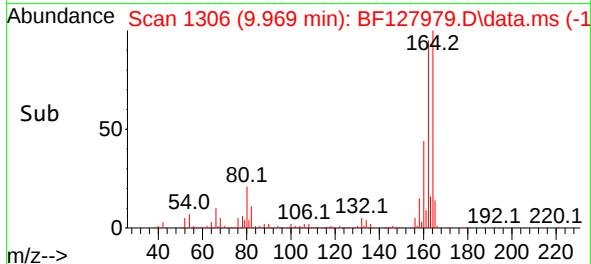
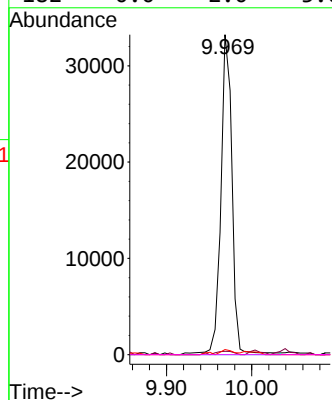
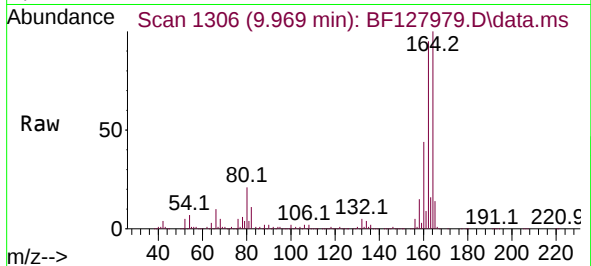




#57
2,4-Dinitrotoluene
Concen: 7.033 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

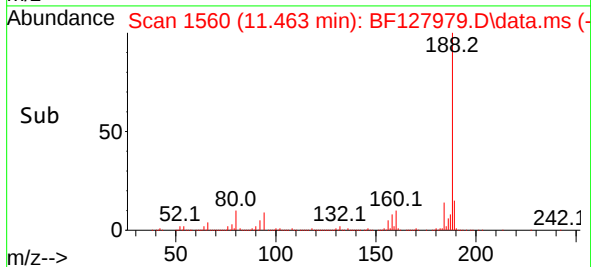
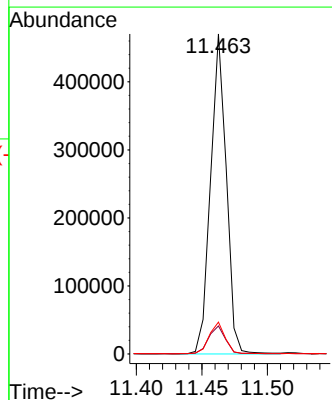
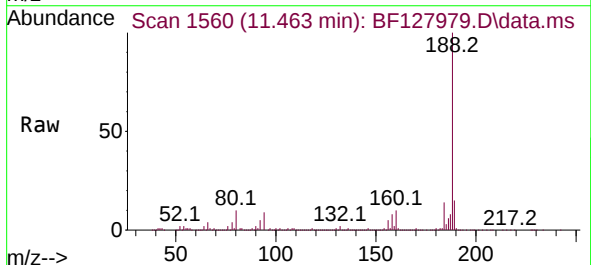
Instrument :
BNA_F
ClientSampleId :
COP-1R

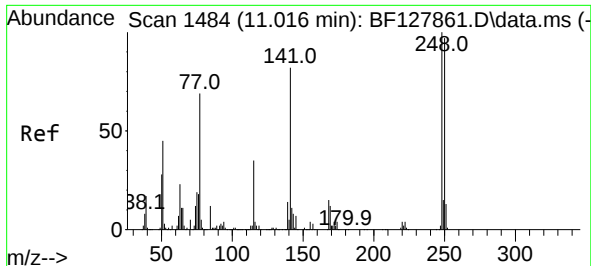
Tgt Ion:165 Resp: 30236
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

Tgt Ion:188 Resp: 393620
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.0 8.9 13.3

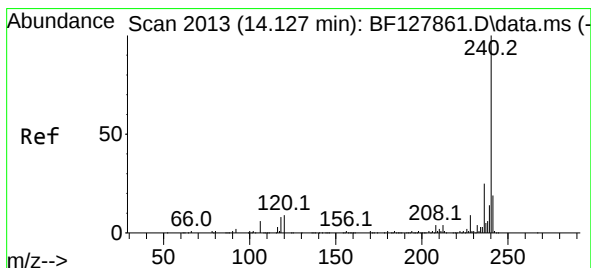
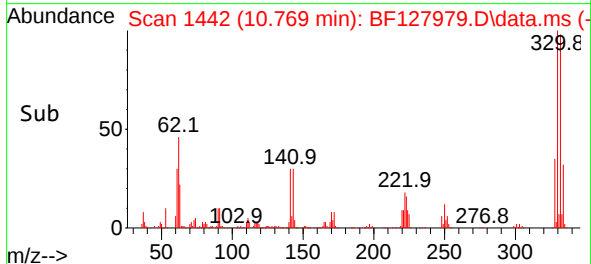
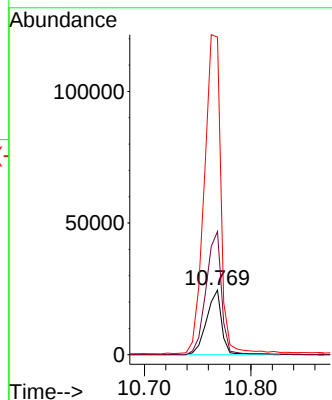
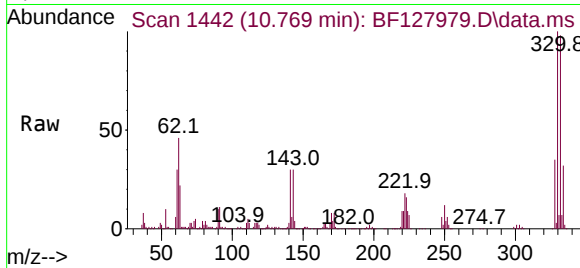




#67
4-Bromophenyl-phenylether
Concen: 5.531 ng
RT: 10.769 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

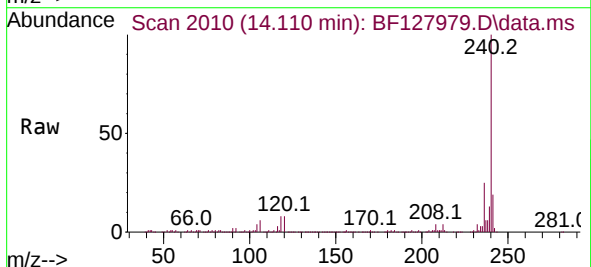
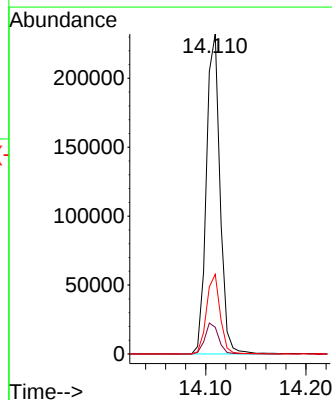
Instrument :
BNA_F
ClientSampleId :
COP-1R

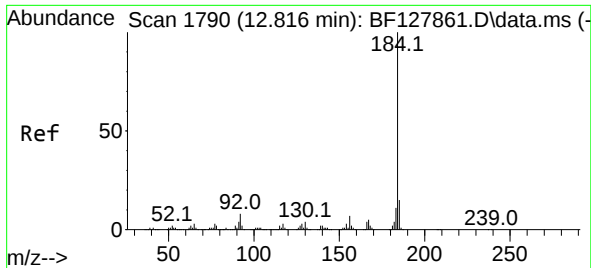
Tgt Ion:248 Resp: 24136
Ion Ratio Lower Upper
248 100
250 190.5 77.7 116.5#
141 491.1 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

Tgt Ion:240 Resp: 219856
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 24.9 20.3 30.5

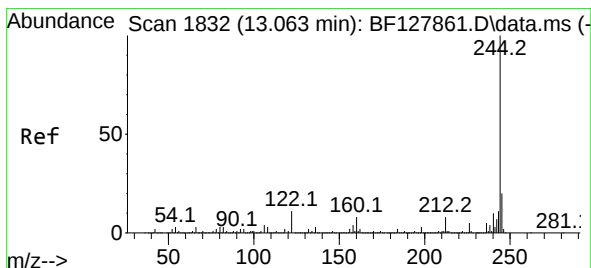
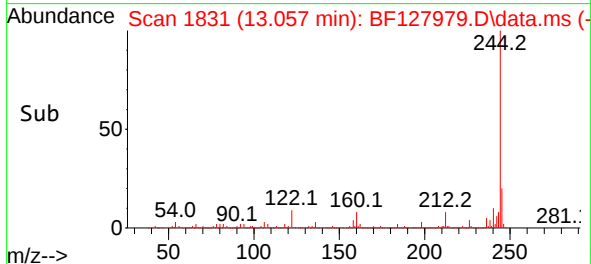
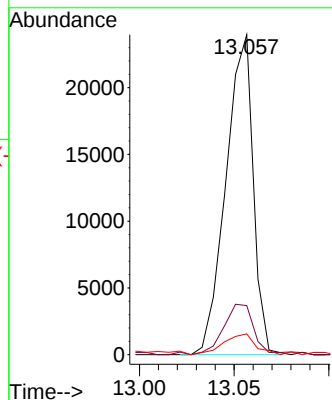
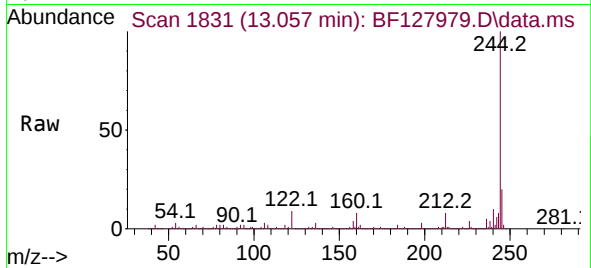




#77
Benzidine
Concen: 5.762 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.253 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

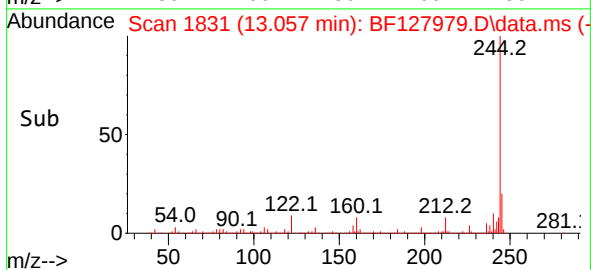
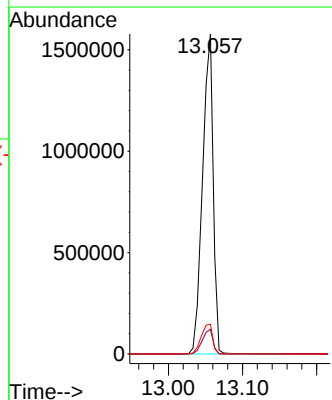
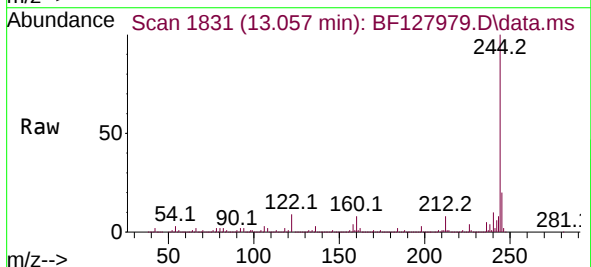
Instrument :
BNA_F
ClientSampleId :
COP-1R

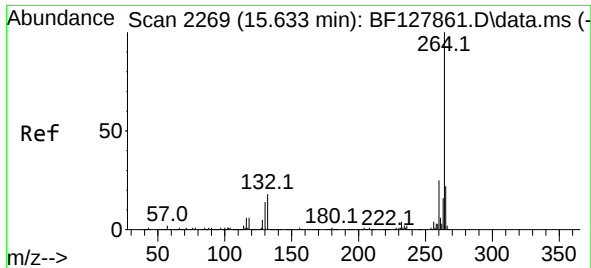
Tgt Ion:184 Resp: 23968
Ion Ratio Lower Upper
184 100
185 15.3 12.1 18.1
183 6.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 130.881 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF127979.D
Acq: 28 Apr 2022 14:23

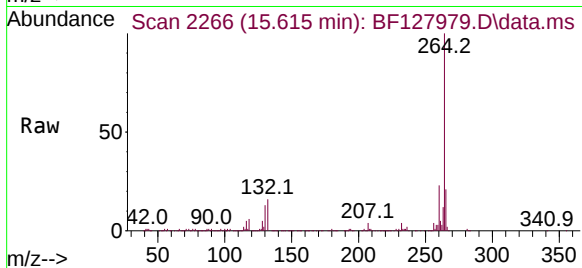
Tgt Ion:244 Resp: 1573638
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 9.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127979.D
 Acq: 28 Apr 2022 14:23

Instrument :
 BNA_F
 ClientSampleId :
 COP-1R



Tgt Ion:264 Resp: 226080
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.3 17.5 26.3

