

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127986.D
 Acq On : 28 Apr 2022 17:41
 Operator : CG\JU
 Sample : N2599-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-1

Quant Time: Apr 29 04:39:20 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)

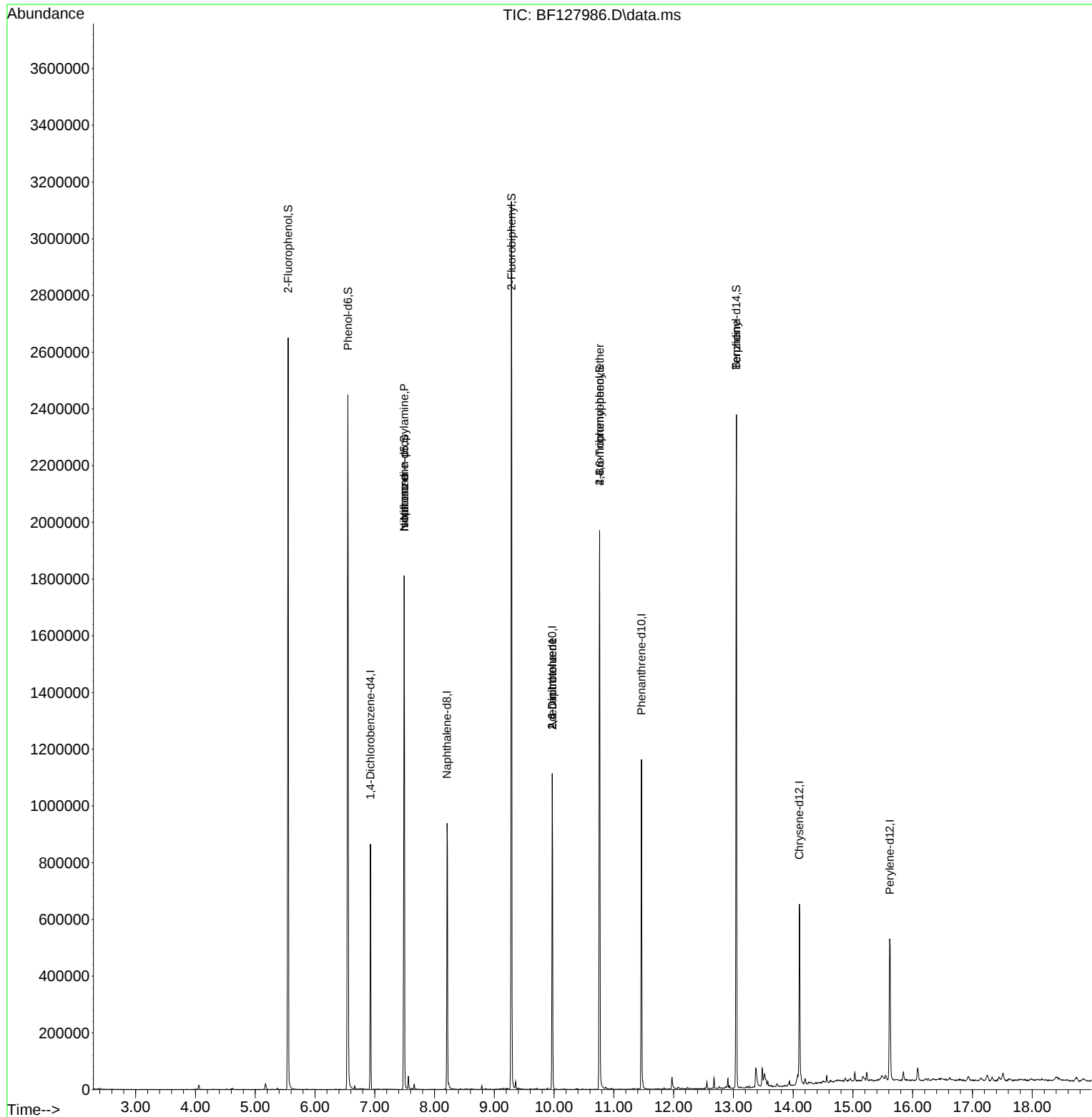
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	108548	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	412284	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	226849	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	394875	20.000	ng	0.00
76) Chrysene-d12	14.104	240	219001	20.000	ng	-0.01
86) Perylene-d12	15.615	264	236959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	650944	95.517	ng	0.00
7) Phenol-d6	6.551	99	862129	97.494	ng	-0.01
23) Nitrobenzene-d5	7.492	82	609562	69.525	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	223247	97.760	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	957596	71.413	ng	0.00
79) Terphenyl-d14	13.051	244	815928	68.126	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	83364	15.400	ng	# 79
25) Isophorone	7.492	82	608652	41.247	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	29191	8.862	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	29191	6.690	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	14708	3.360	ng	# 1
77) Benzidine	13.051	184	11429	2.758	ng	# 92

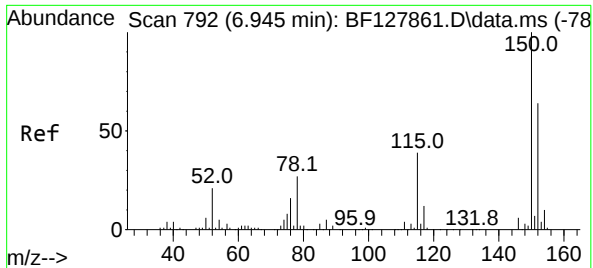
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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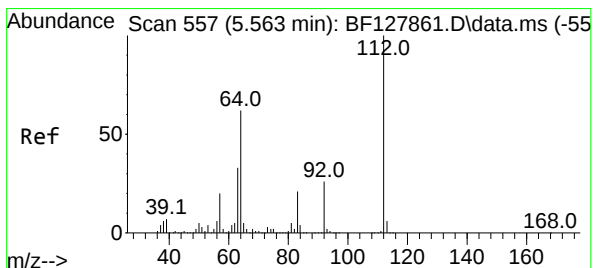
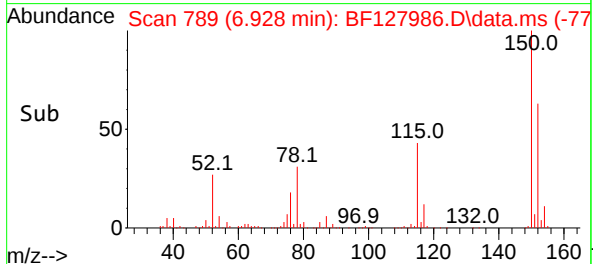
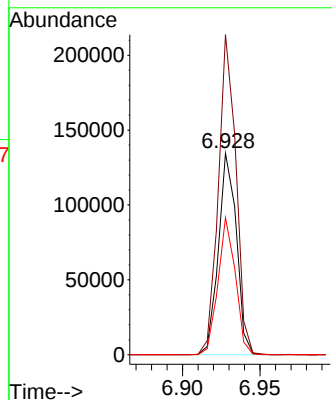
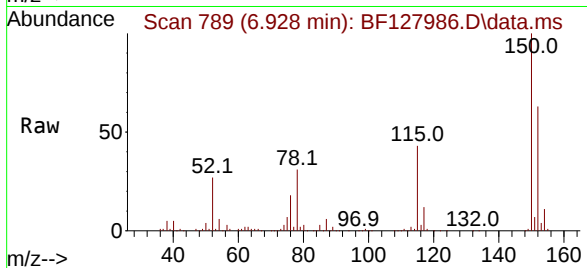




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

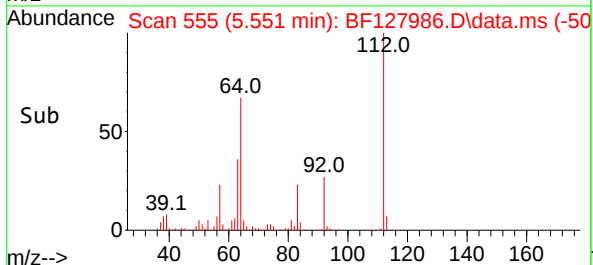
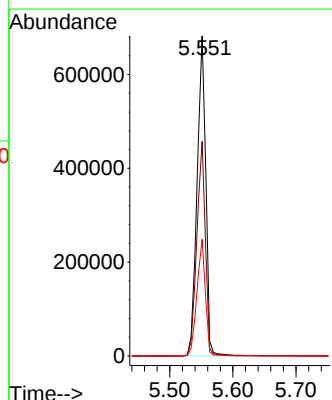
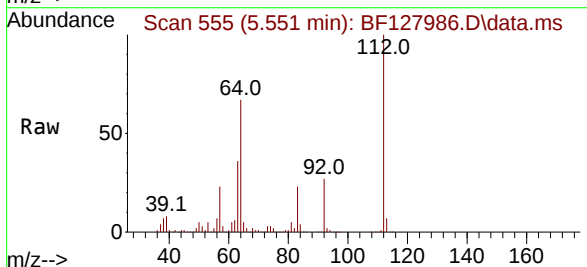
Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion:152 Resp: 108548
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 68.1 48.8 73.2



#5
2-Fluorophenol
Concen: 95.517 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

Tgt Ion:112 Resp: 650944
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 36.4 26.3 39.5

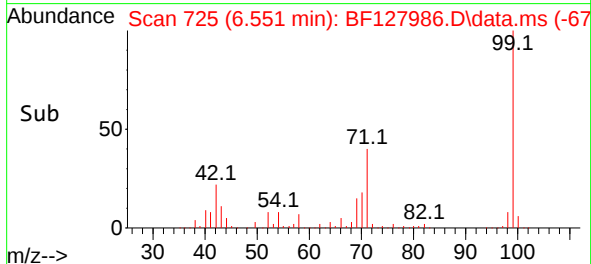
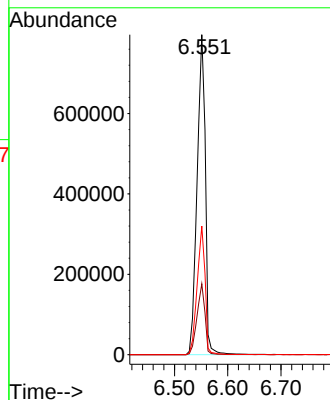
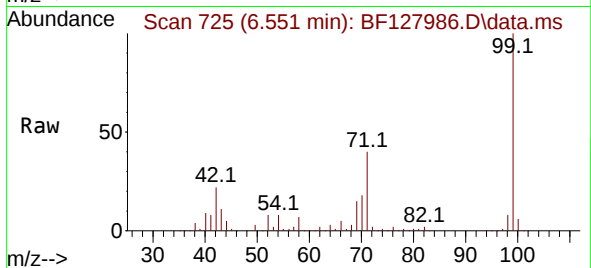




#7
Phenol-d6
Concen: 97.494 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

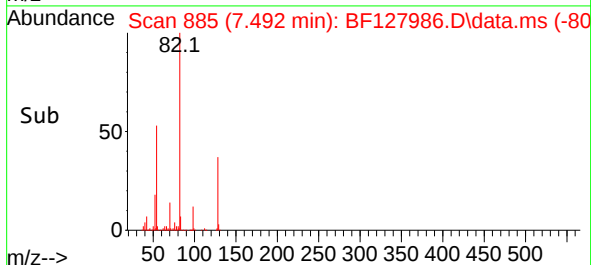
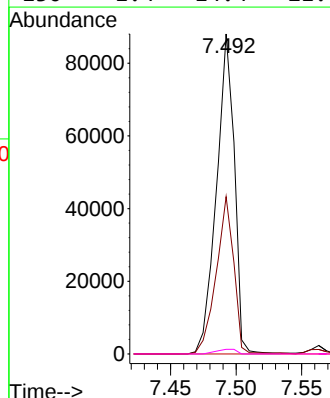
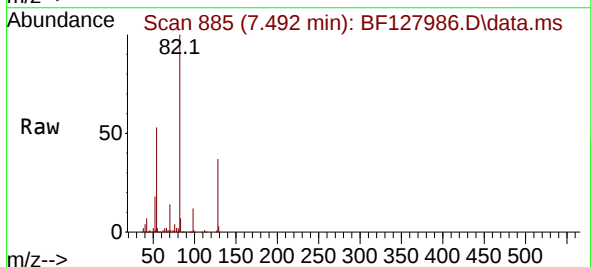
Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion: 99 Resp: 862129
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 40.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.400 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

Tgt Ion: 70 Resp: 83364
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

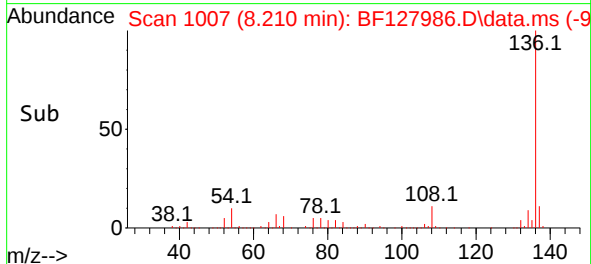
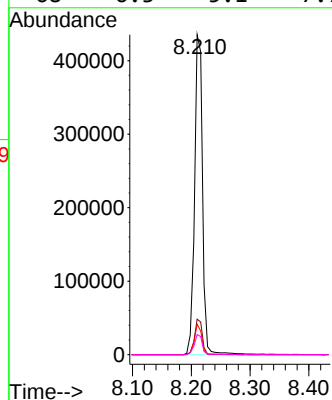
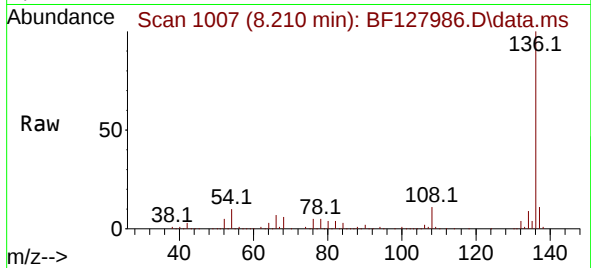




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

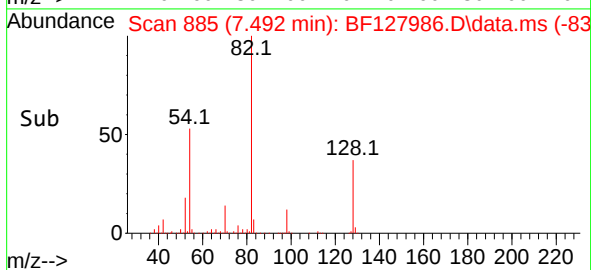
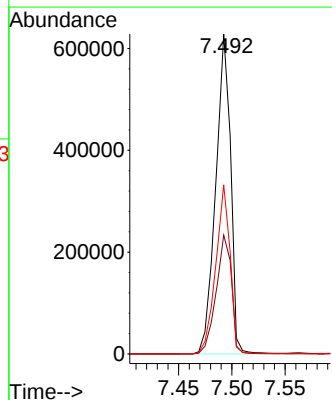
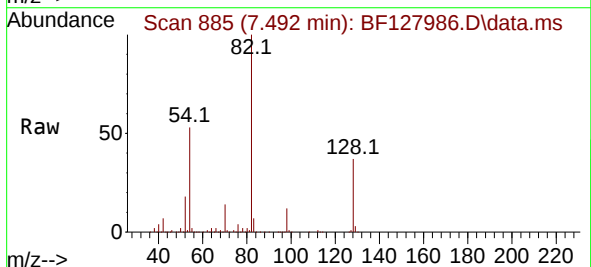
Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion:136	Resp: 412284
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 9.5	6.8 10.2
68 6.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 69.525 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

Tgt Ion: 82	Resp: 609562
Ion Ratio	Lower Upper
82 100	
128 37.2	30.0 45.0
54 52.9	41.3 61.9

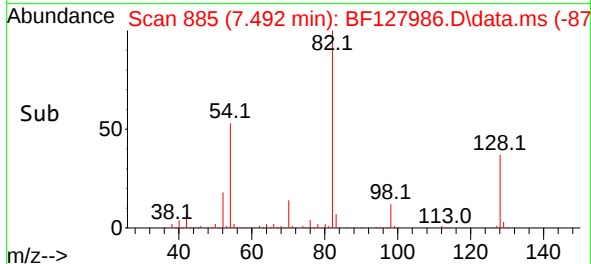
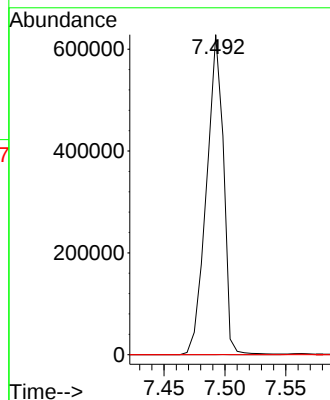
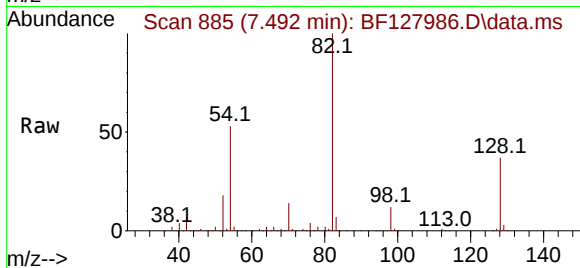




#25
Isophorone
Concen: 41.247 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

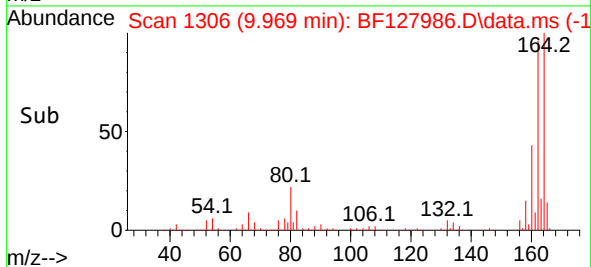
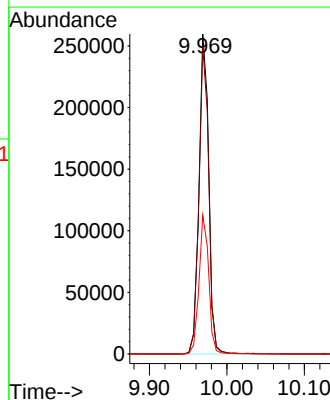
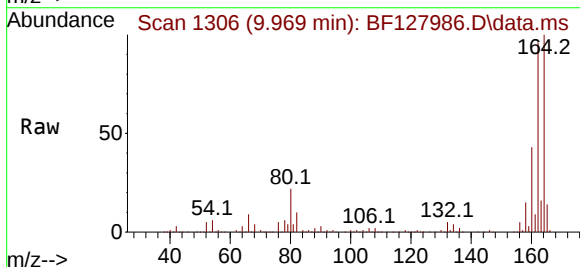
Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion: 82 Resp: 608652
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

Tgt Ion: 164 Resp: 226849
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.4 34.8 52.2

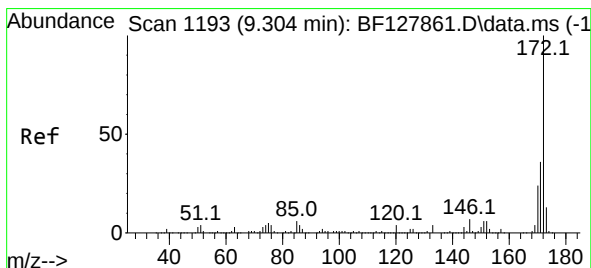
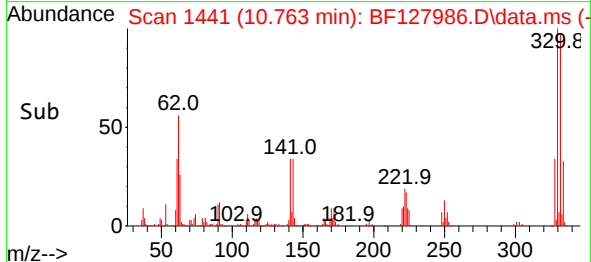
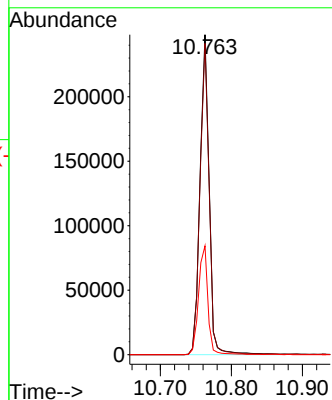
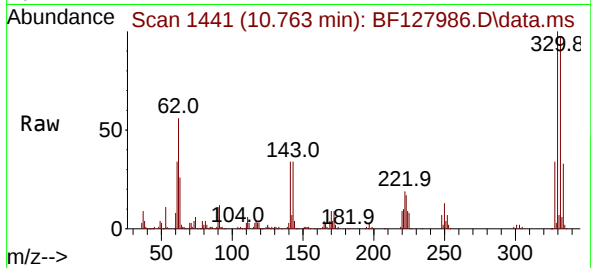




#42
2,4,6-Tribromophenol
Concen: 97.760 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

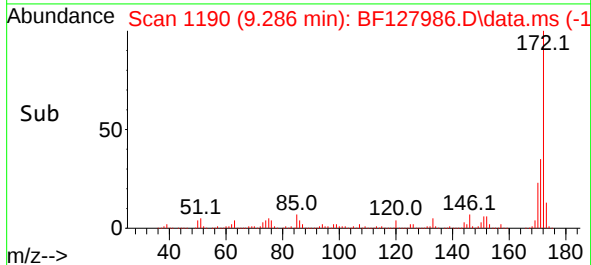
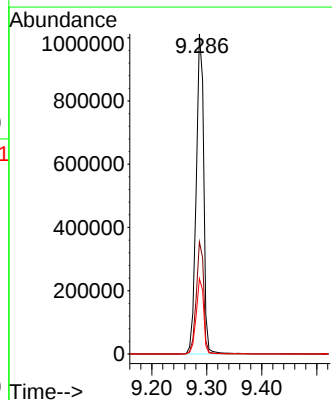
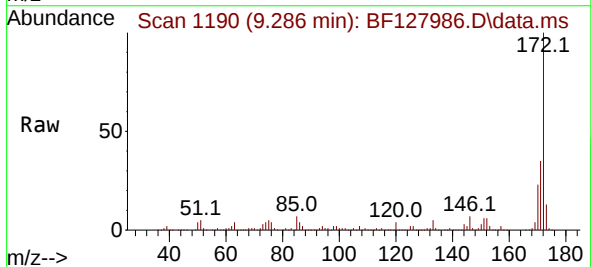
Instrument :
BNA_F
ClientSampleId :
M-1

Tgt Ion:330 Resp: 223247
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 35.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 71.413 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

Tgt Ion:172 Resp: 957596
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.5 19.1 28.7

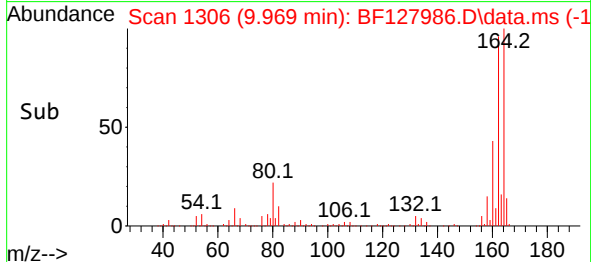
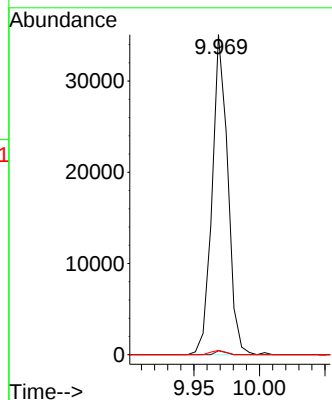
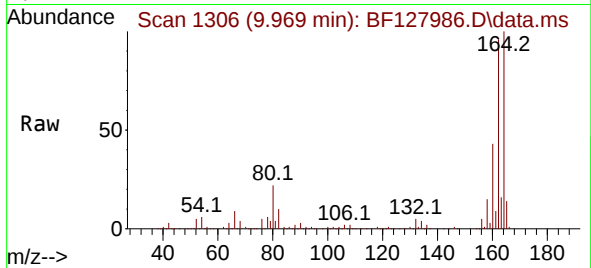




#51
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

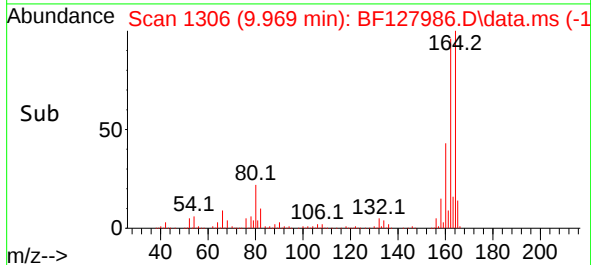
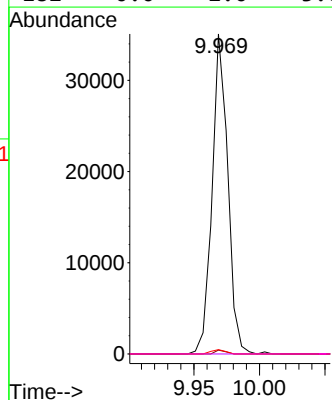
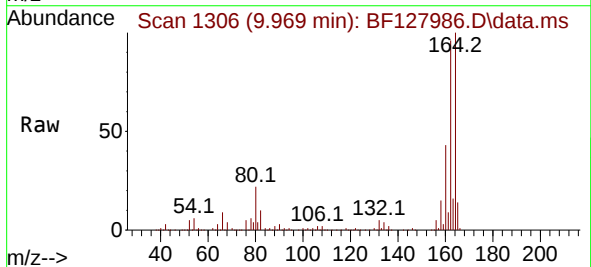
Instrument :
BNA_F
ClientSampleId :
M-1

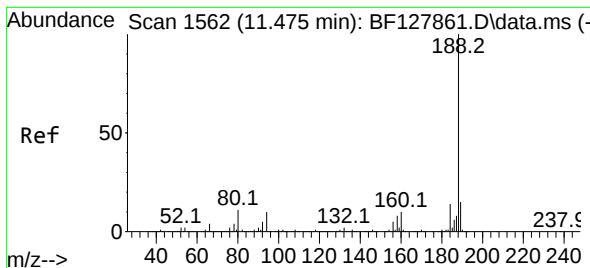
Tgt Ion:165 Resp: 29191
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.690 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127986.D
Acq: 28 Apr 2022 17:41

Tgt Ion:165 Resp: 29191
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127986.D

Acq: 28 Apr 2022 17:41

Instrument :

BNA_F

ClientSampleId :

M-1

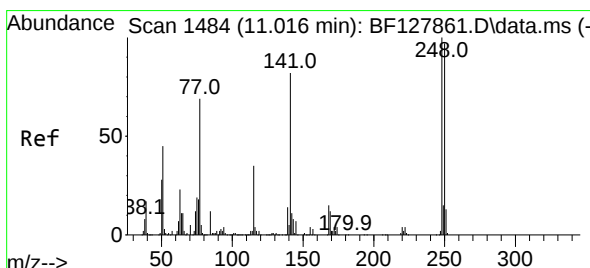
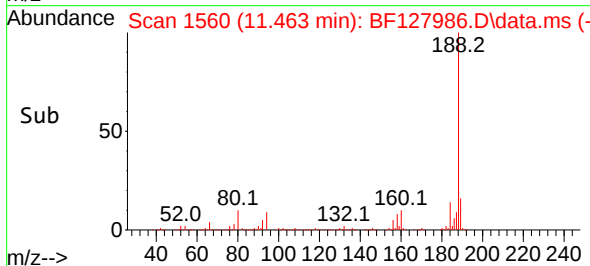
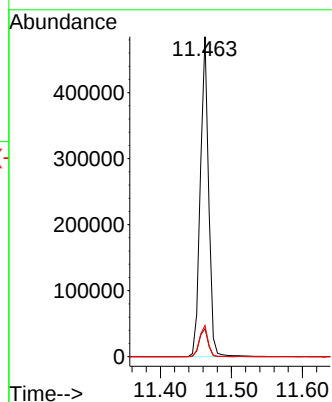
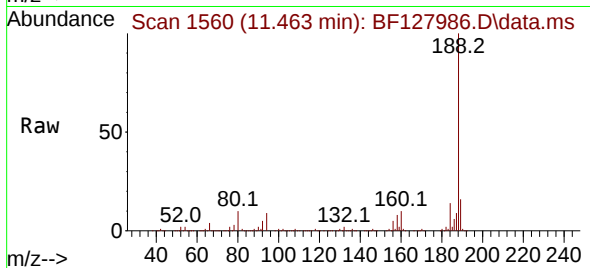
Tgt Ion:188 Resp: 394875

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 9.7 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.360 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.247 min

Lab File: BF127986.D

Acq: 28 Apr 2022 17:41

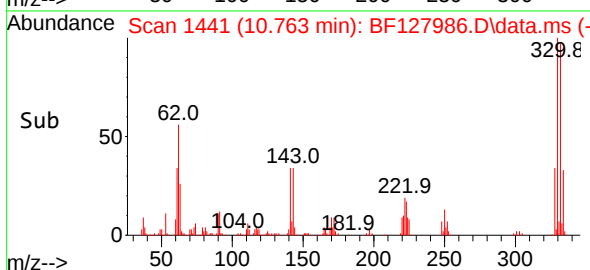
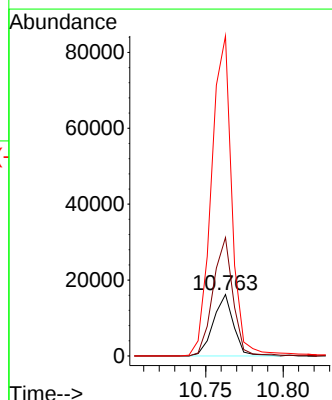
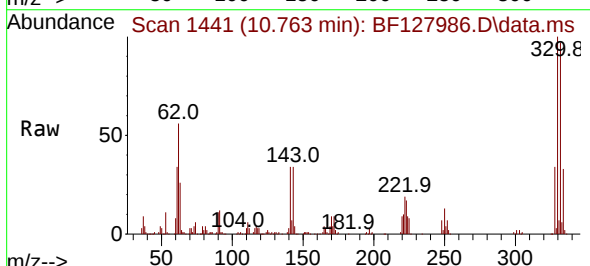
Tgt Ion:248 Resp: 14708

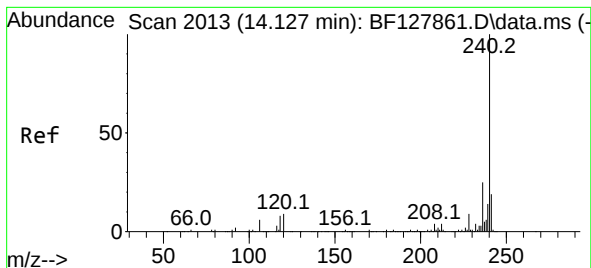
Ion Ratio Lower Upper

248 100

250 192.6 77.7 116.5#

141 520.6 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127986.D

Acq: 28 Apr 2022 17:41

Instrument :

BNA_F

ClientSampleId :

M-1

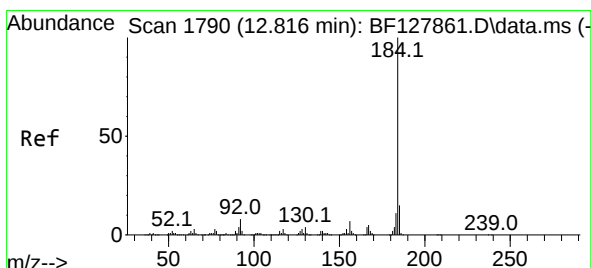
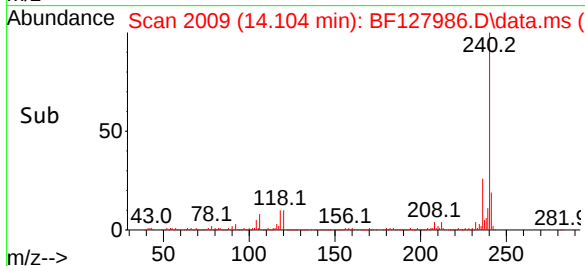
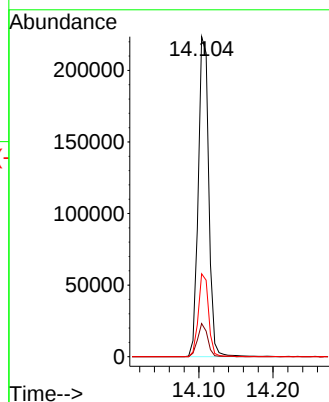
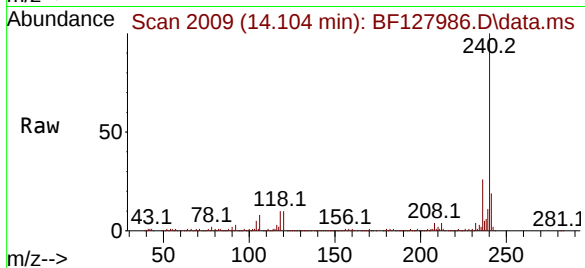
Tgt Ion:240 Resp: 219001

Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.6

236 25.9 20.3 30.5



#77

Benzidine

Concen: 2.758 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.247 min

Lab File: BF127986.D

Acq: 28 Apr 2022 17:41

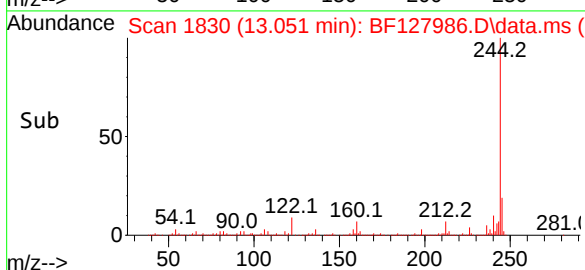
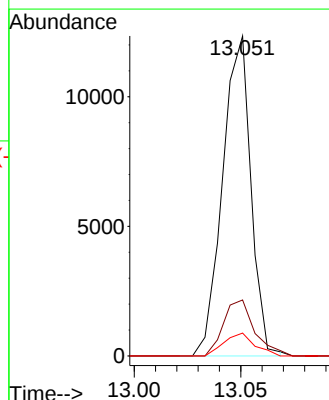
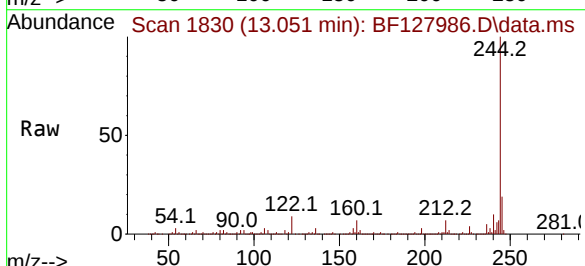
Tgt Ion:184 Resp: 11429

Ion Ratio Lower Upper

184 100

185 17.5 12.1 18.1

183 7.1 9.0 13.4#

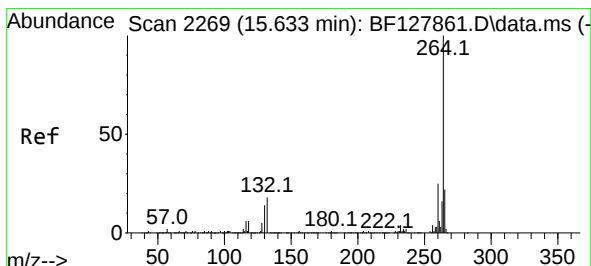
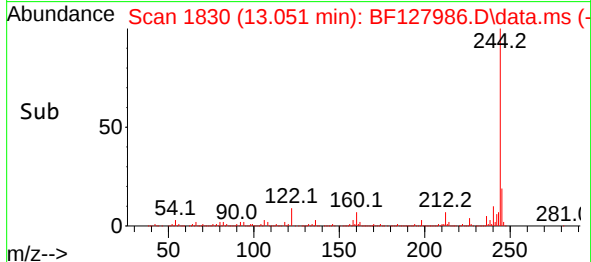
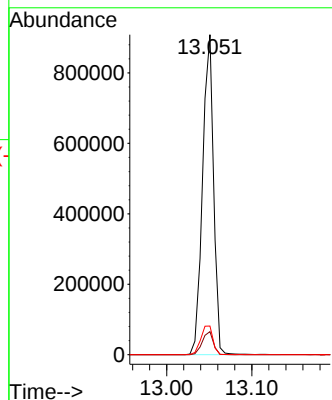
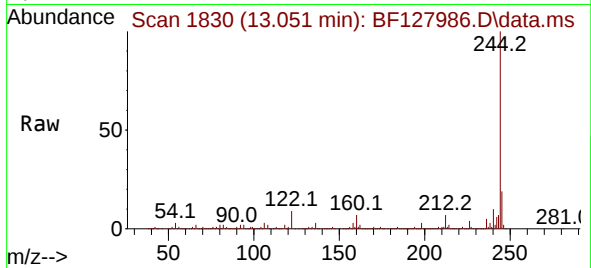




#79
 Terphenyl-d14
 Concen: 68.126 ng
 RT: 13.051 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF127986.D
 Acq: 28 Apr 2022 17:41

Instrument :
 BNA_F
 ClientSampleId :
 M-1

Tgt Ion:244 Resp: 815928
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF127986.D
 Acq: 28 Apr 2022 17:41

Tgt Ion:264 Resp: 236959
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.1 30.1
 265 20.9 17.5 26.3

