

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127987.D
 Acq On : 28 Apr 2022 18:10
 Operator : CG\JU
 Sample : N2588-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Quant Time: Apr 29 04:39:27 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)

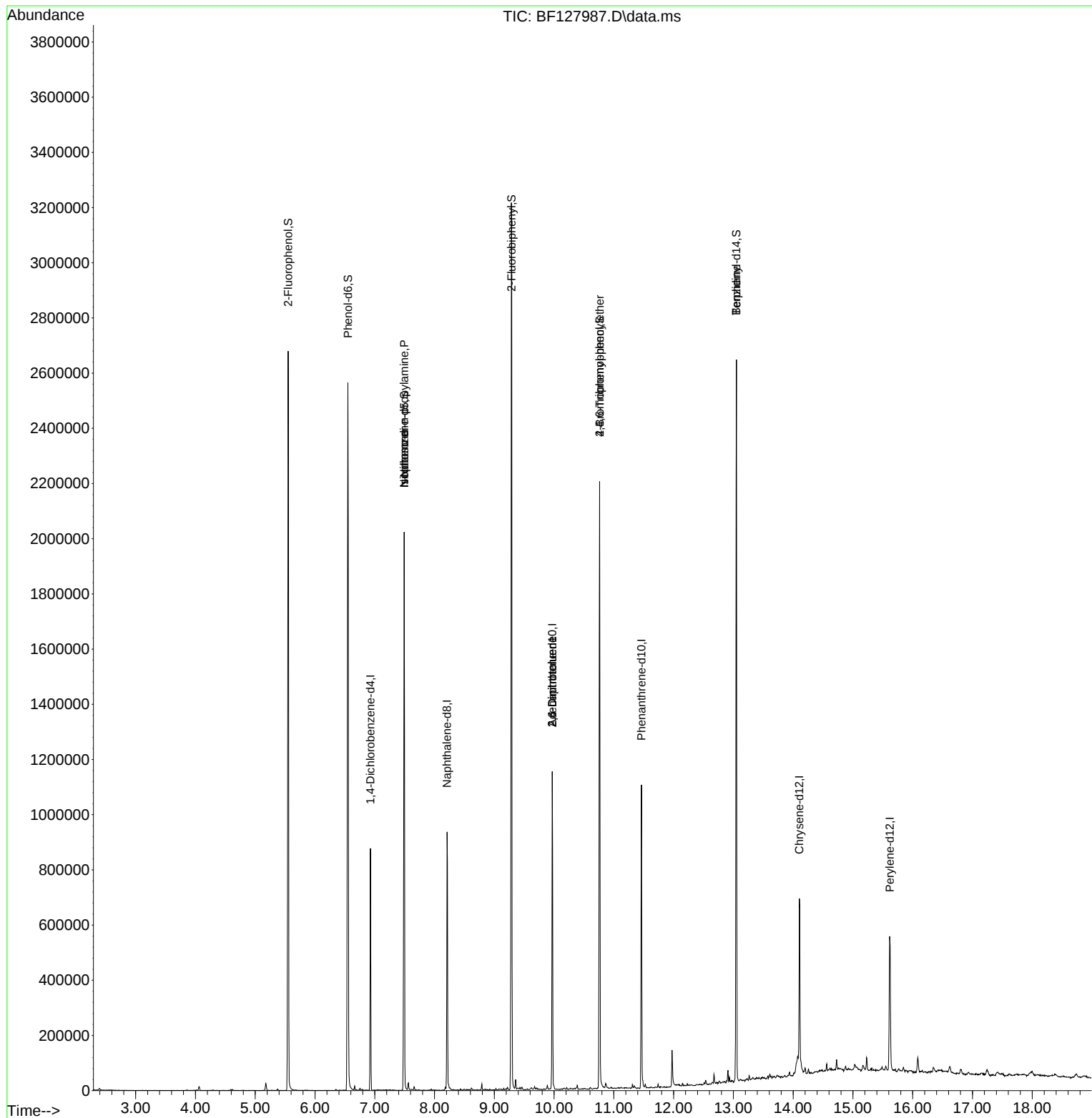
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107421	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	410675	20.000	ng	0.00
39) Acenaphthene-d10	9.968	164	229485	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	392618	20.000	ng	0.00
76) Chrysene-d12	14.104	240	216636	20.000	ng	#-0.01
86) Perylene-d12	15.615	264	235087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	719316	106.656	ng	0.00
7) Phenol-d6	6.551	99	946773	108.189	ng	-0.01
23) Nitrobenzene-d5	7.492	82	678121	77.648	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	237659	102.876	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1049139	77.342	ng	0.00
79) Terphenyl-d14	13.051	244	880310	74.304	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.492	70	91283	17.040	ng	# 80
25) Isophorone	7.492	82	676960	46.056	ng	# 68
51) 2,6-Dinitrotoluene	9.968	165	30130	9.042	ng	# 22
57) 2,4-Dinitrotoluene	9.968	165	30130	6.826	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	15076	3.464	ng	# 1
77) Benzidine	13.051	184	12876	3.141	ng	# 96

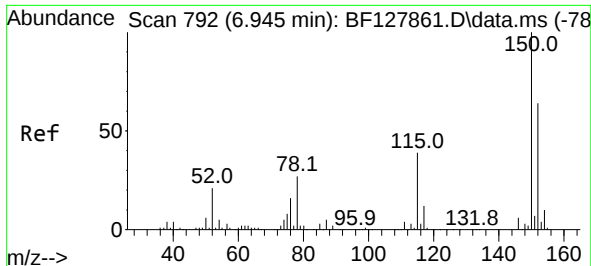
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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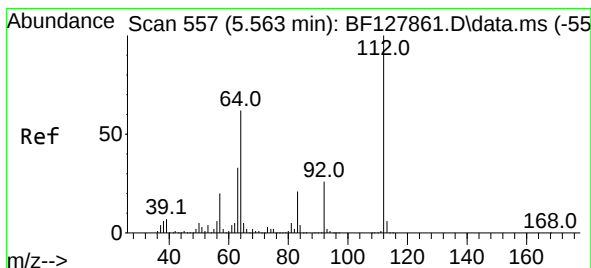
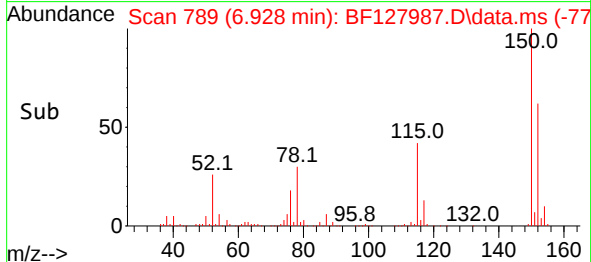
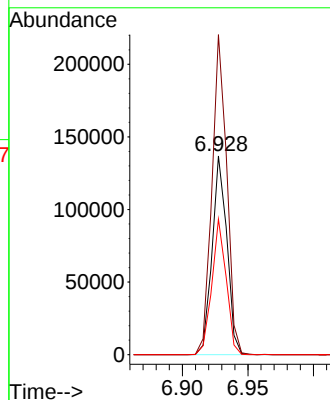
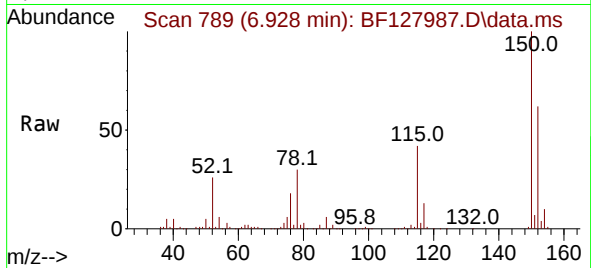




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127987.D
 Acq: 28 Apr 2022 18:10

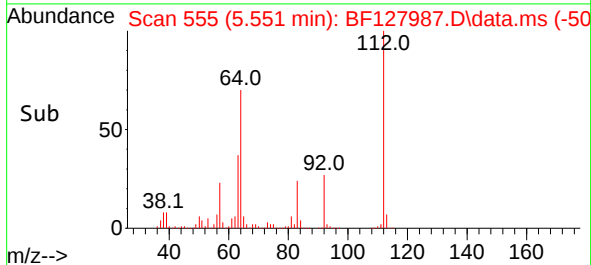
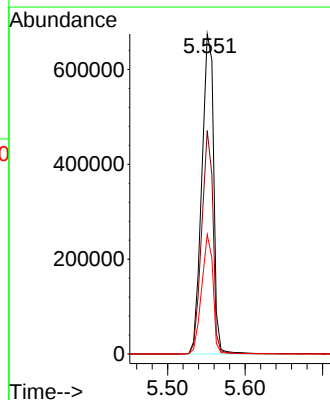
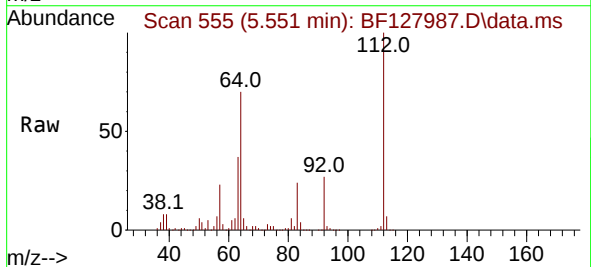
Instrument :
 BNA_F
 ClientSampleId :
 MH-1

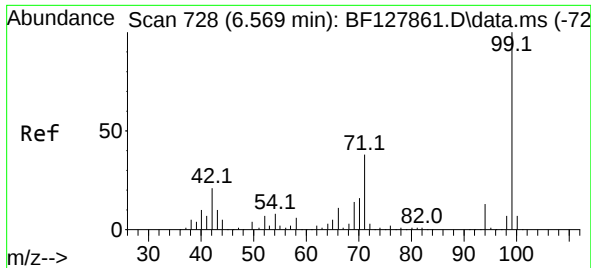
Tgt Ion:152 Resp: 107421
 Ion Ratio Lower Upper
 152 100
 150 161.1 125.3 187.9
 115 68.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 106.656 ng
 RT: 5.551 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: BF127987.D
 Acq: 28 Apr 2022 18:10

Tgt Ion:112 Resp: 719316
 Ion Ratio Lower Upper
 112 100
 64 69.8 49.5 74.3
 63 37.3 26.3 39.5

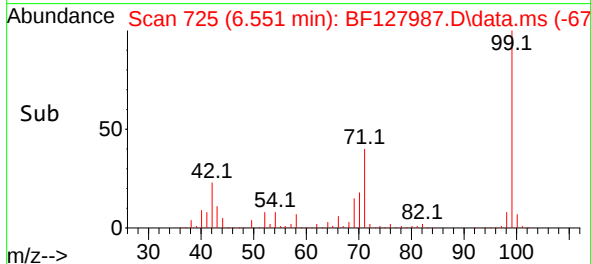
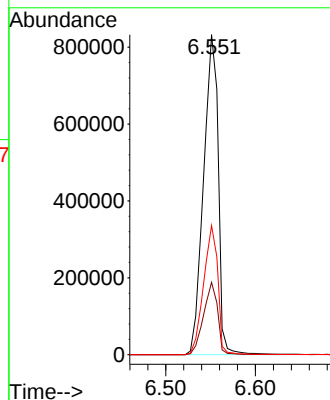
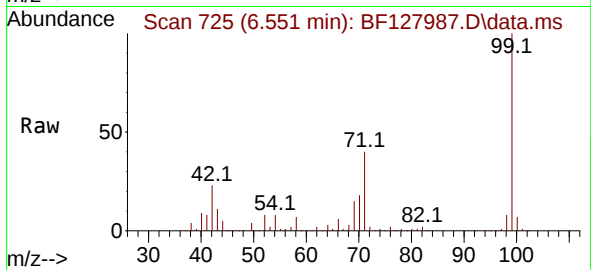




#7
Phenol-d6
Concen: 108.189 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

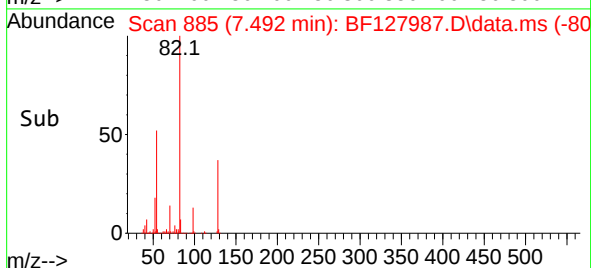
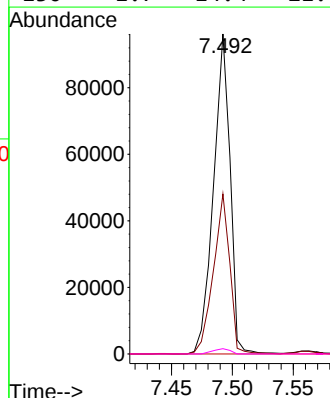
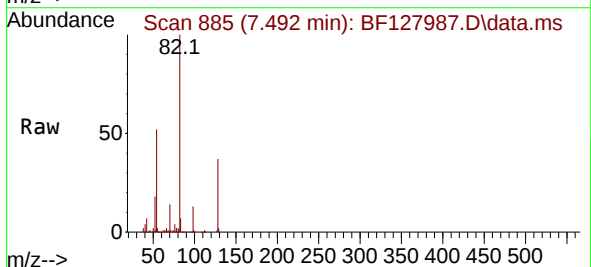
Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion: 99 Resp: 946773
Ion Ratio Lower Upper
99 100
42 22.6 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.040 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

Tgt Ion: 70 Resp: 91283
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

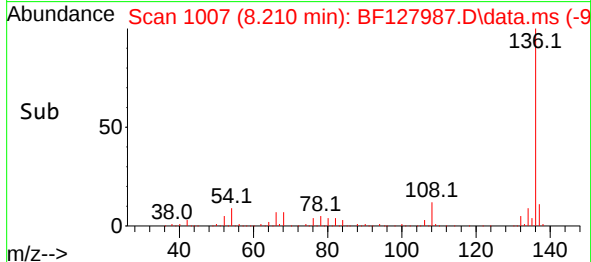
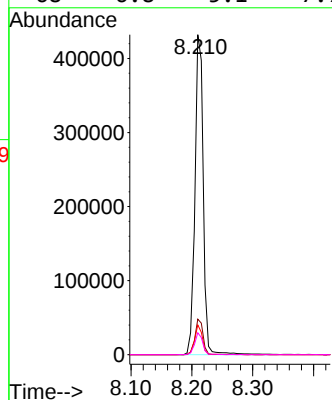
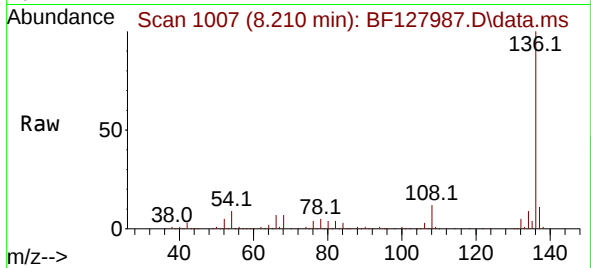




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

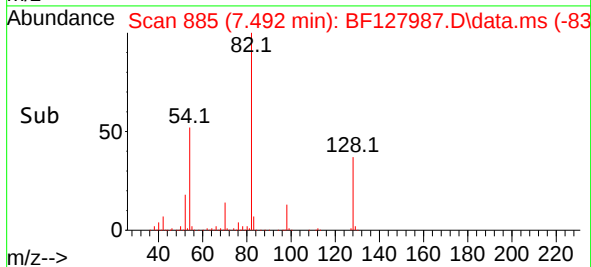
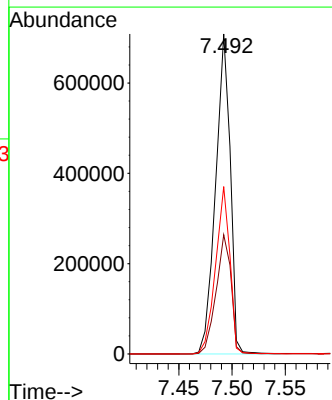
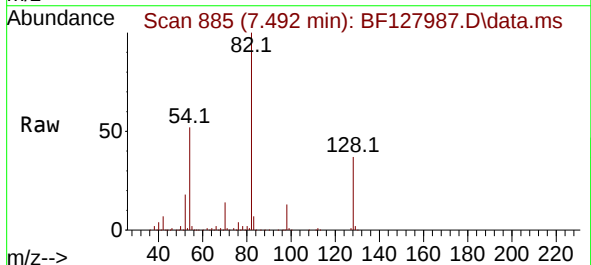
Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:136	Resp: 410675
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 9.3	6.8 10.2
68 6.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 77.648 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

Tgt Ion: 82	Resp: 678121
Ion Ratio	Lower Upper
82 100	
128 37.2	30.0 45.0
54 52.3	41.3 61.9

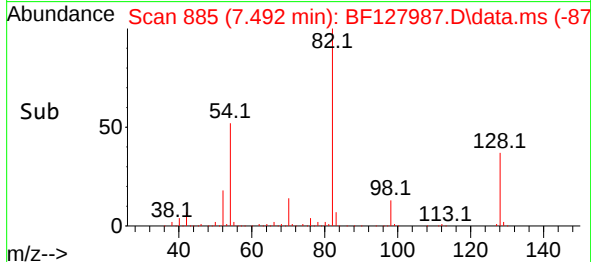
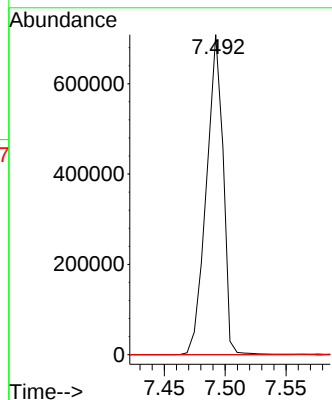
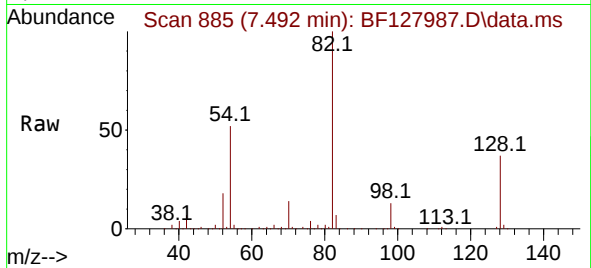




#25
Isophorone
Concen: 46.056 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

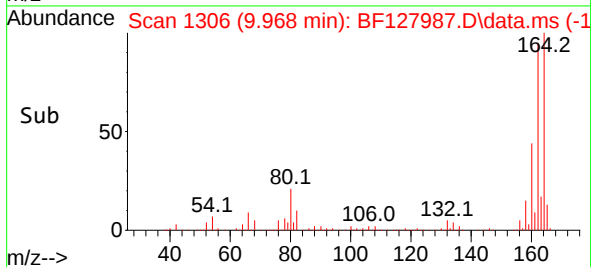
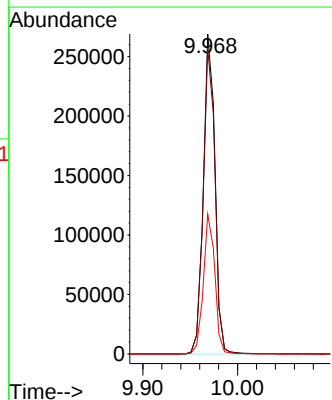
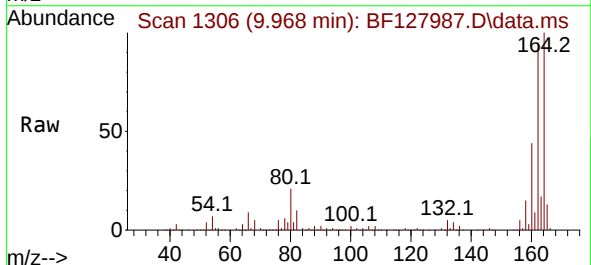
Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion: 82 Resp: 676960
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: 9.968 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

Tgt Ion: 164 Resp: 229485
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 43.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 102.876 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF127987.D

Acq: 28 Apr 2022 18:10

Instrument :

BNA_F

ClientSampleId :

MH-1

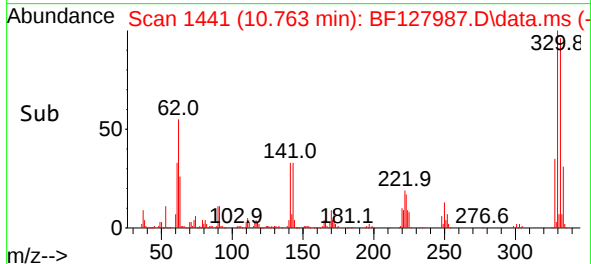
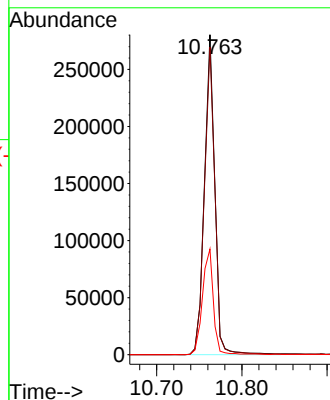
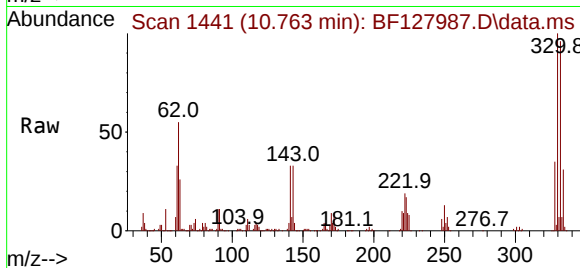
Tgt Ion:330 Resp: 237659

Ion Ratio Lower Upper

330 100

332 97.5 79.0 118.4

141 34.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 77.342 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF127987.D

Acq: 28 Apr 2022 18:10

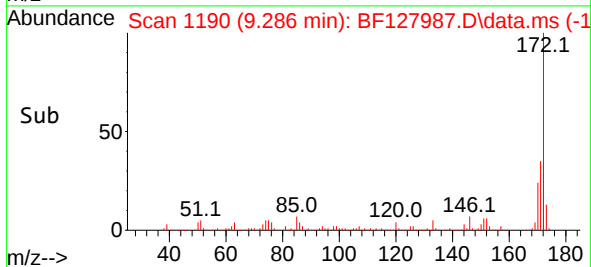
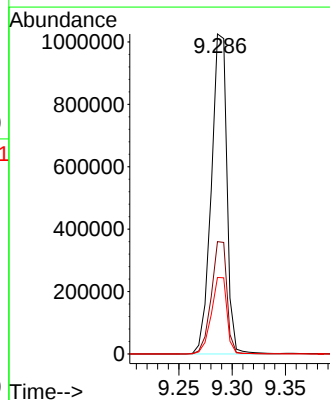
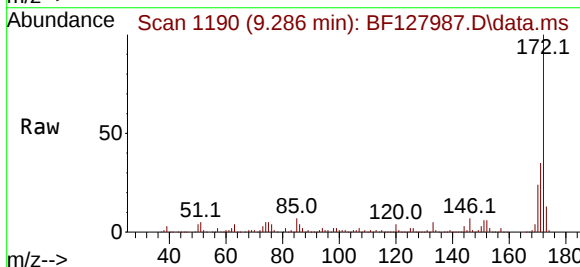
Tgt Ion:172 Resp: 1049139

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.9 19.1 28.7

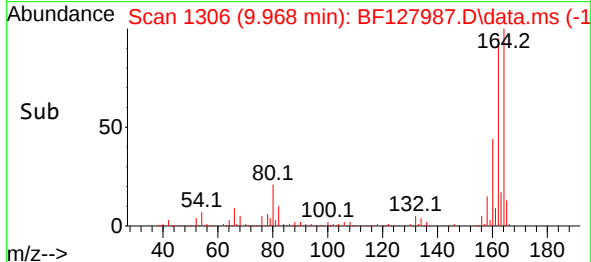
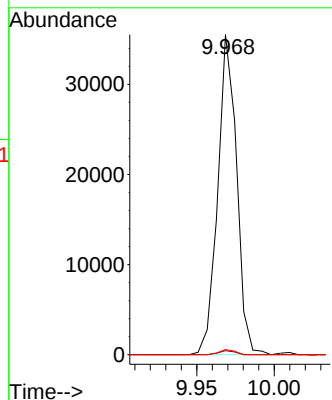
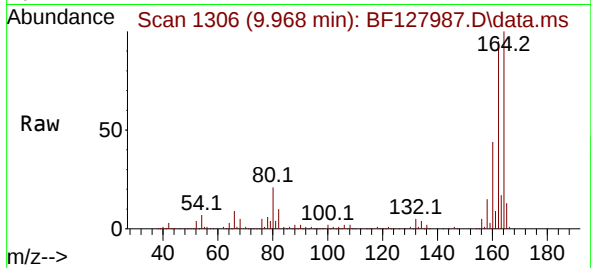




#51
2,6-Dinitrotoluene
Concen: 9.042 ng
RT: 9.968 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

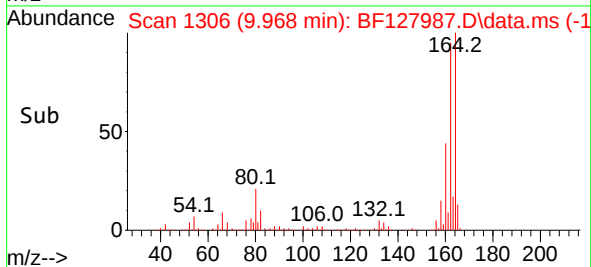
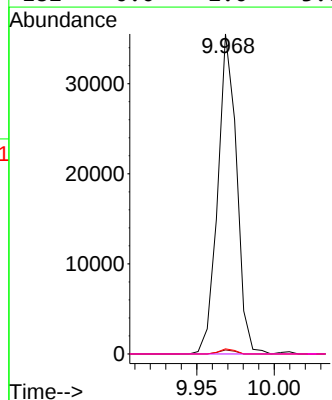
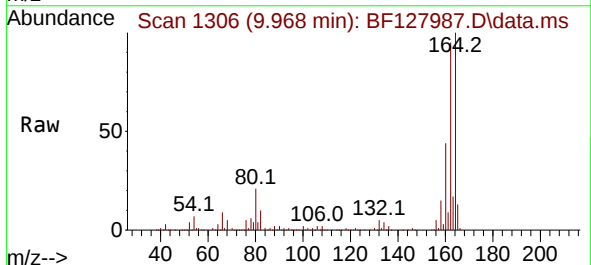
Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:165 Resp: 30130
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.826 ng
RT: 9.968 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

Tgt Ion:165 Resp: 30130
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

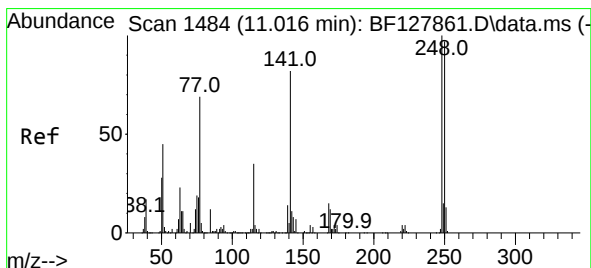
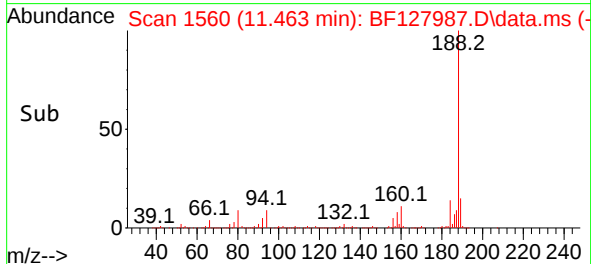
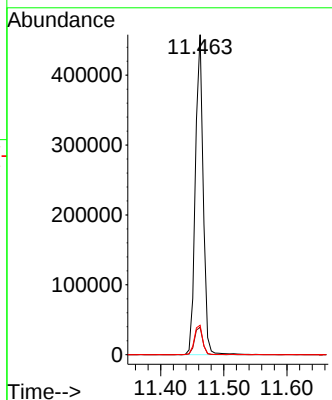
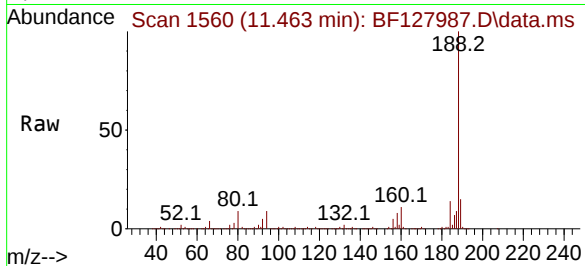




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

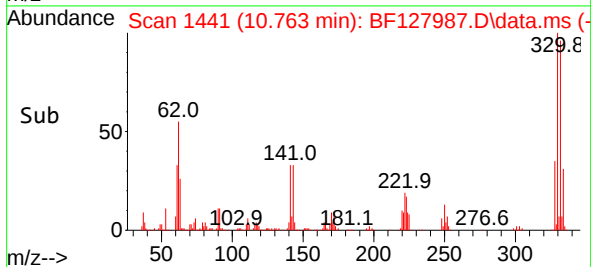
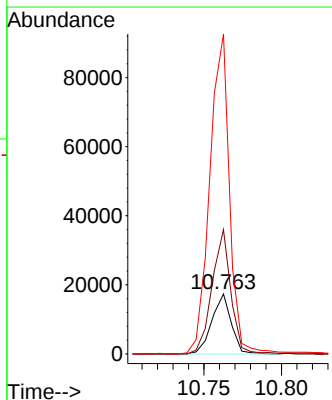
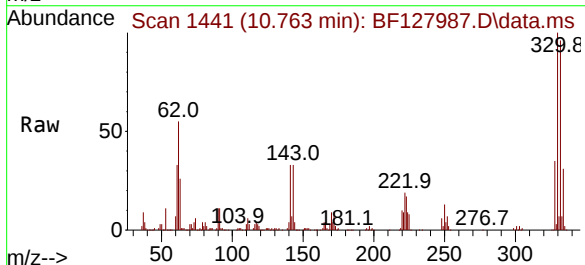
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ClientSampleId :
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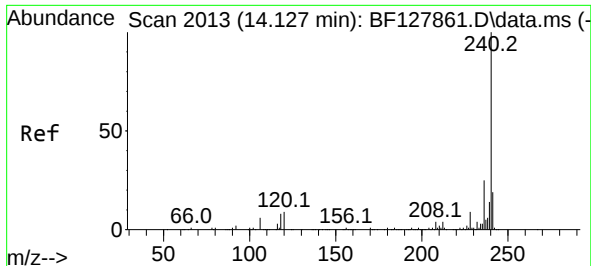
Tgt Ion:188 Resp: 392618
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.464 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

Tgt Ion:248 Resp: 15076
Ion Ratio Lower Upper
248 100
250 207.4 77.7 116.5#
141 533.5 65.6 98.4#

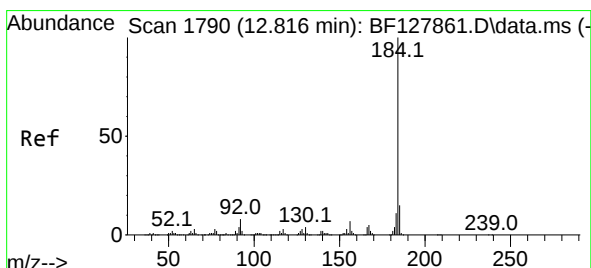
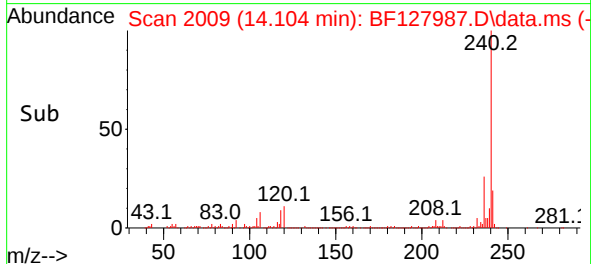
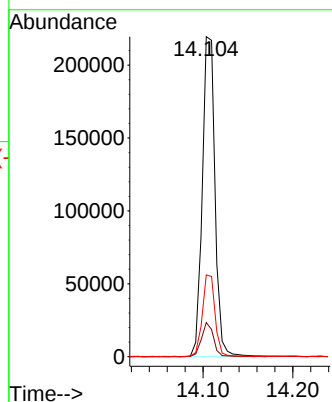
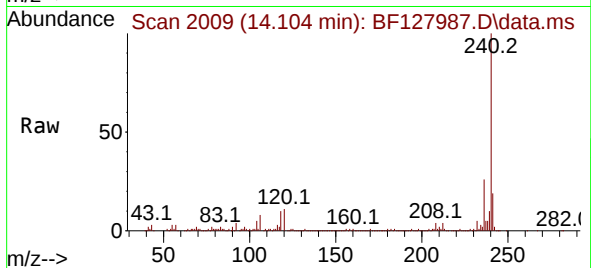




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

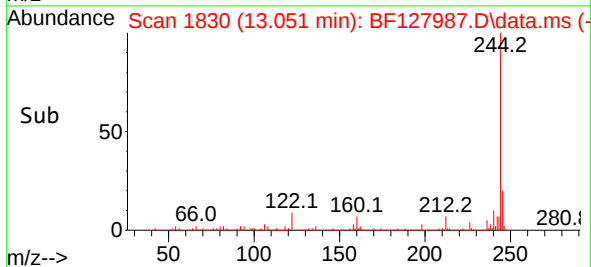
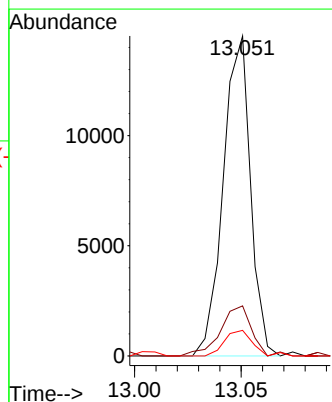
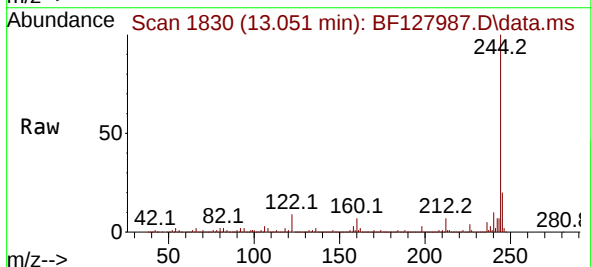
Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:240 Resp: 216636
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6#
236 25.5 20.3 30.5



#77
Benzidine
Concen: 3.141 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127987.D
Acq: 28 Apr 2022 18:10

Tgt Ion:184 Resp: 12876
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 8.0 9.0 13.4#

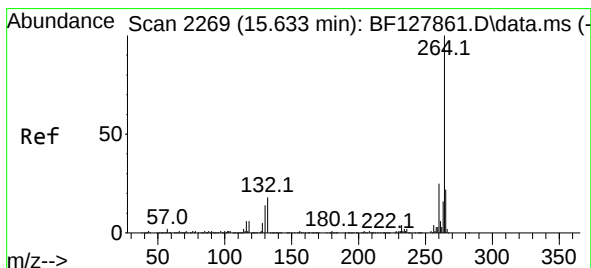
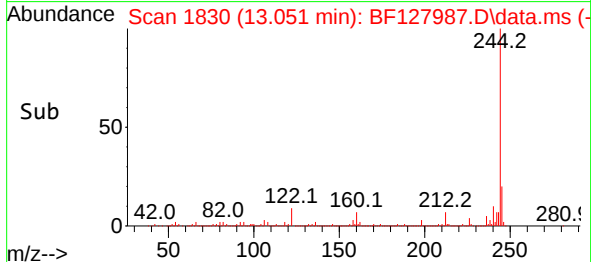
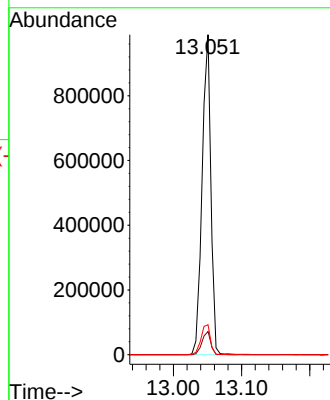
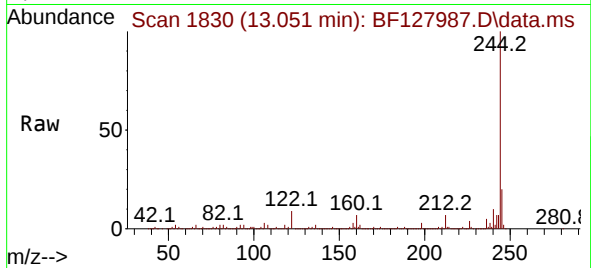




#79
 Terphenyl-d14
 Concen: 74.304 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127987.D
 Acq: 28 Apr 2022 18:10

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Tgt Ion:244 Resp: 880310
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.3 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: BF127987.D
 Acq: 28 Apr 2022 18:10

Tgt Ion:264 Resp: 235087
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.1 30.1
 265 21.5 17.5 26.3

