

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127890.D
 Acq On : 25 Apr 2022 19:52
 Operator : CG\JU
 Sample : N2526-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-5D

Quant Time: Apr 26 05:40:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

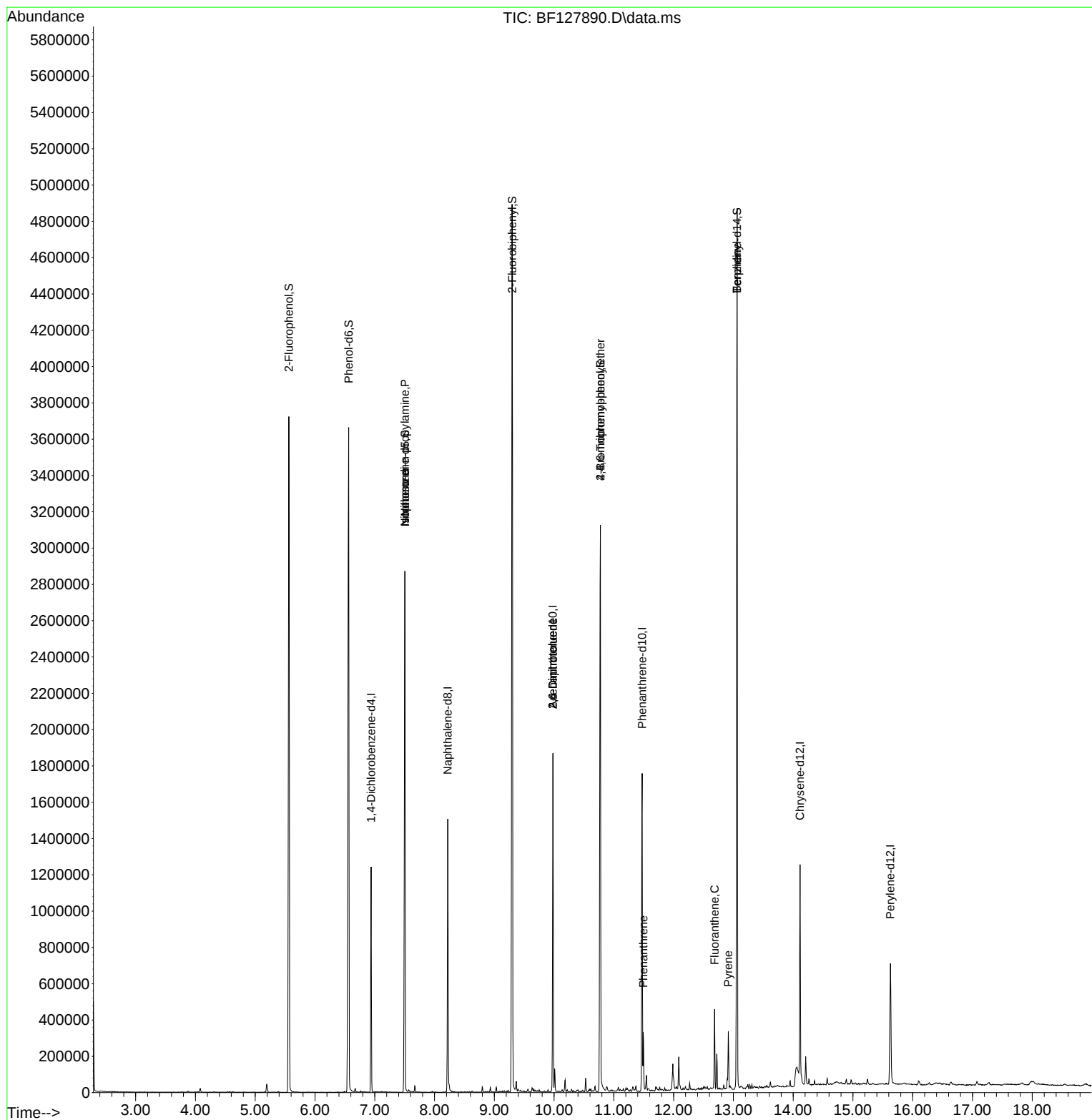
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	160174	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	622487	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	356722	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	651065	20.000	ng	0.00
76) Chrysene-d12	14.115	240	383297	20.000	ng	-0.01
86) Perylene-d12	15.627	264	315782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1056209	105.030	ng	0.00
7) Phenol-d6	6.563	99	1363326	104.480	ng	0.00
23) Nitrobenzene-d5	7.504	82	992779	74.997	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	387144	107.809	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1628862	77.248	ng	0.00
79) Terphenyl-d14	13.063	244	1721313	82.117	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	134306	16.814	ng	# 79
25) Isophorone	7.504	82	992769	44.559	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	46815	9.038	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	46815	6.823	ng	# 25
67) 4-Bromophenyl-phenylether	10.774	248	24727	3.426	ng	# 1
71) Phenanthrene	11.492	178	109213	3.205	ng	98
75) Fluoranthene	12.686	202	159703	4.452	ng	97
77) Benzidine	13.063	184	25274	3.485	ng	# 92
78) Pyrene	12.915	202	117943	3.812	ng	98

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

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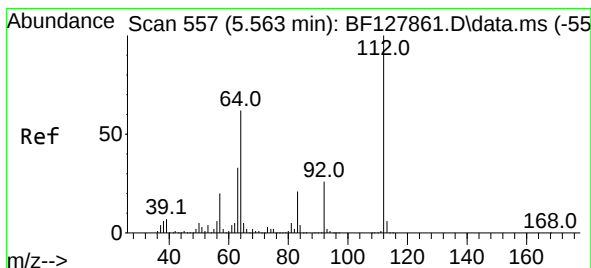
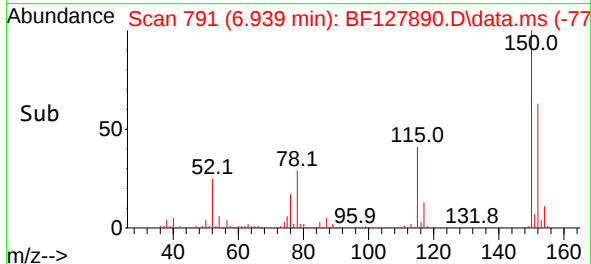
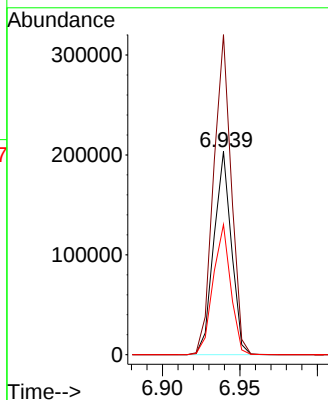
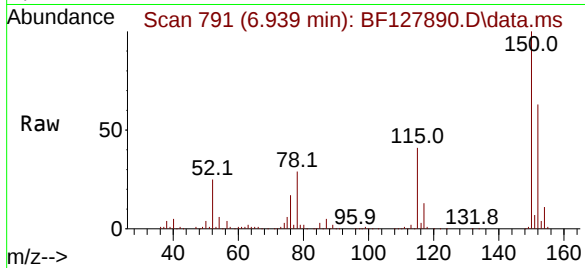




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

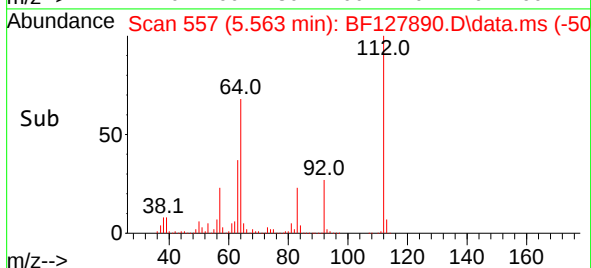
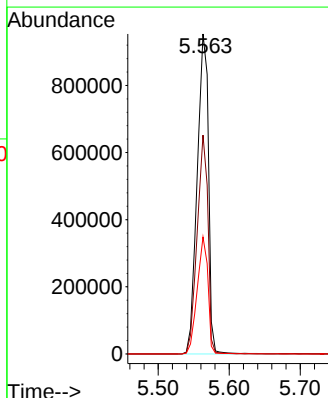
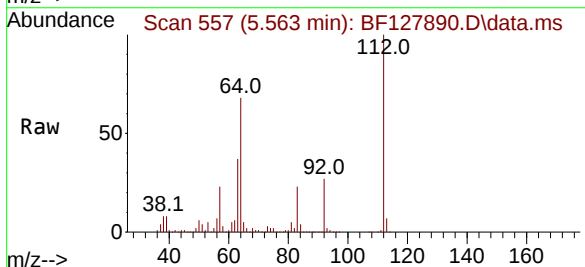
Instrument :
BNA_F
ClientSampleId :
MH-5D

Tgt Ion:152 Resp: 160174
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 64.0 48.8 73.2



#5
2-Fluorophenol
Concen: 105.030 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion:112 Resp: 1056209
Ion Ratio Lower Upper
112 100
64 68.4 49.5 74.3
63 36.5 26.3 39.5

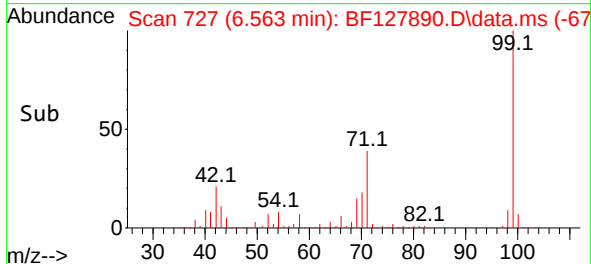
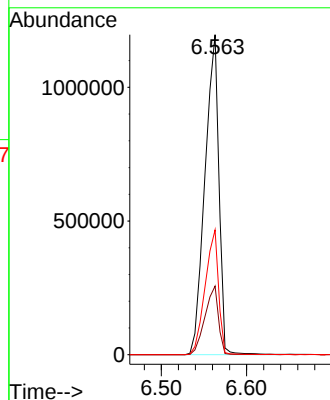
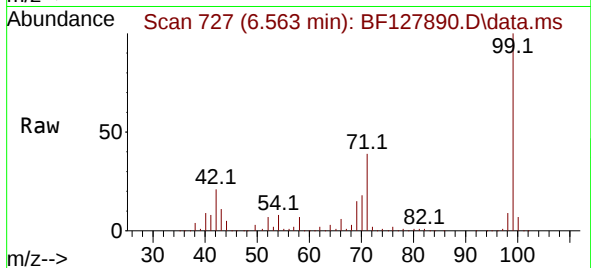




#7
Phenol-d6
Concen: 104.480 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

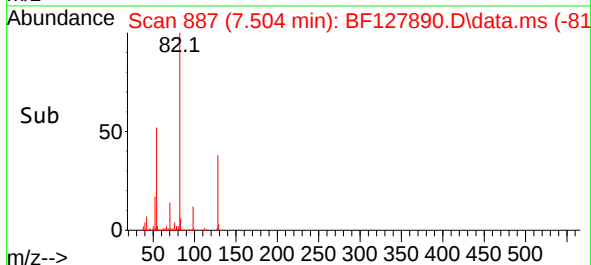
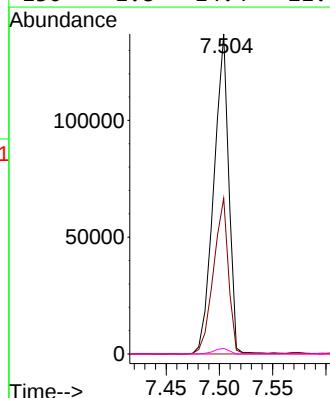
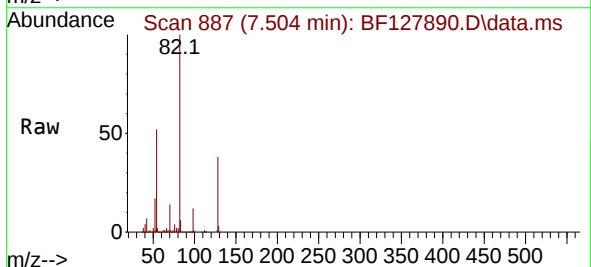
Instrument :
BNA_F
ClientSampleId :
MH-5D

Tgt Ion: 99 Resp: 1363326
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.814 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion: 70 Resp: 134306
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

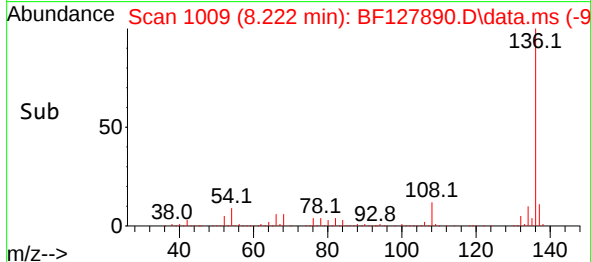
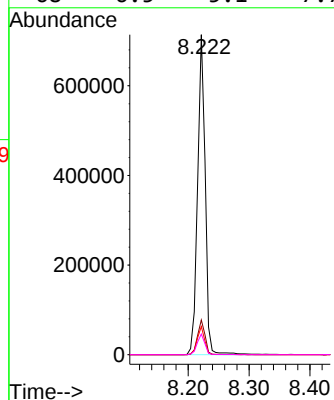
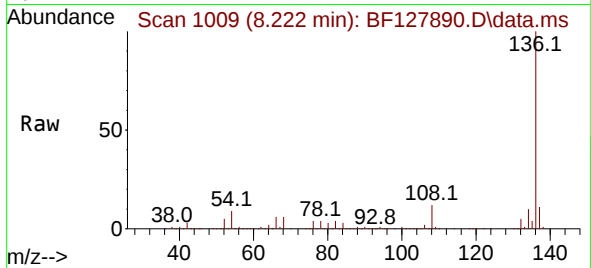




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

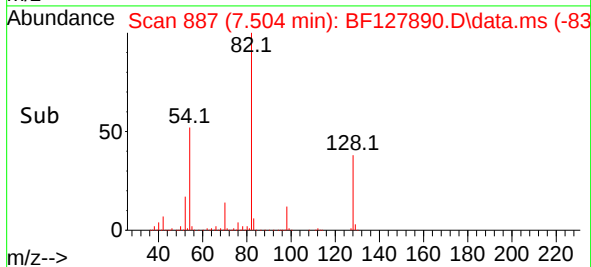
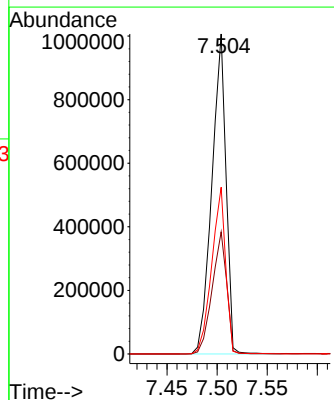
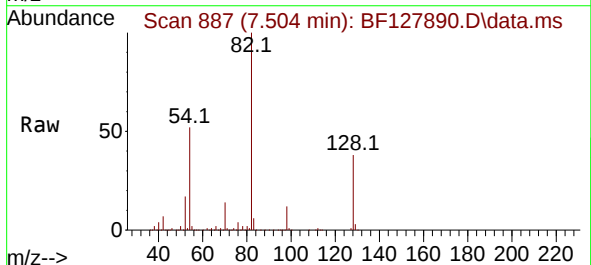
Instrument :
BNA_F
ClientSampleId :
MH-5D

Tgt Ion:136	Resp: 622487
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.8	6.8 10.2
68 6.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 74.997 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion: 82	Resp: 992779
Ion Ratio	Lower Upper
82 100	
128 38.1	30.0 45.0
54 52.1	41.3 61.9

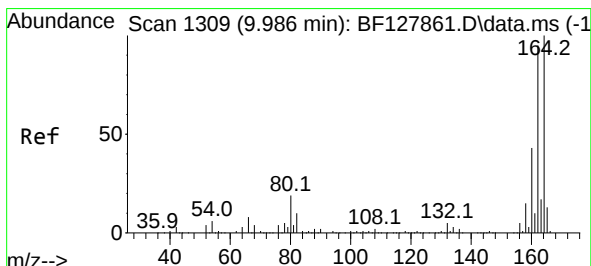
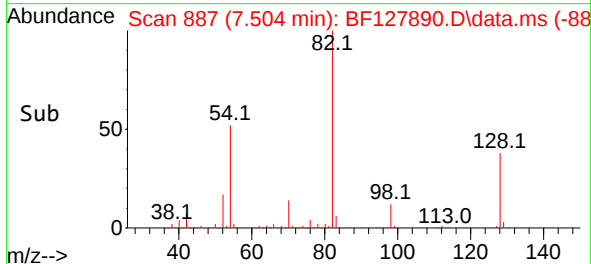
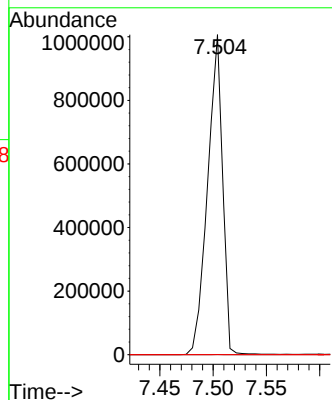
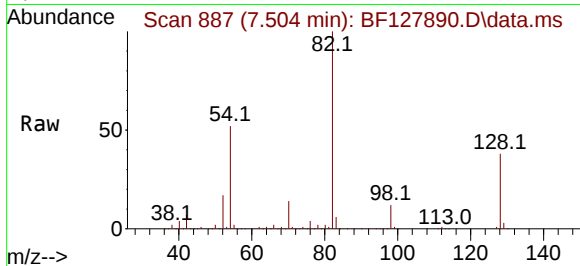




#25
Isophorone
Concen: 44.559 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

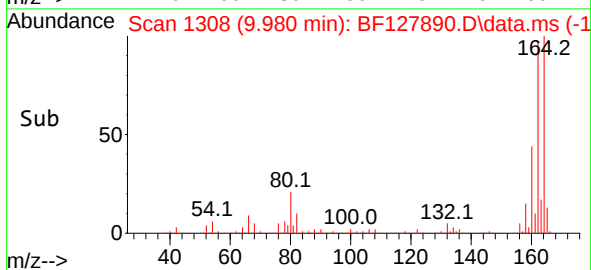
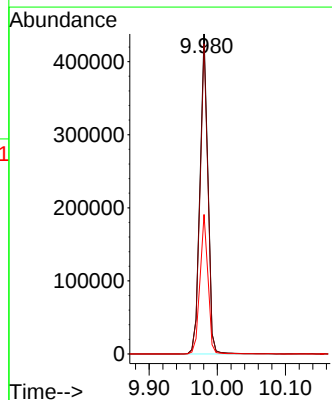
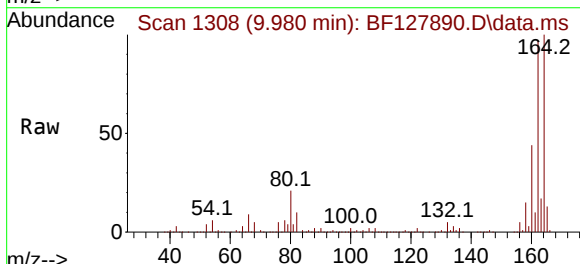
Instrument :
BNA_F
ClientSampleId :
MH-5D

Tgt Ion: 82 Resp: 992769
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: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion: 164 Resp: 356722
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 43.6 34.8 52.2

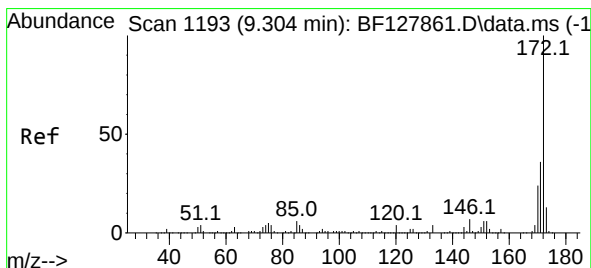
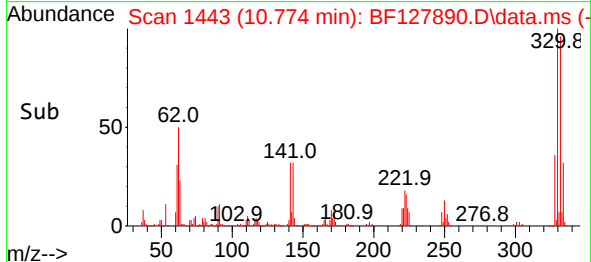
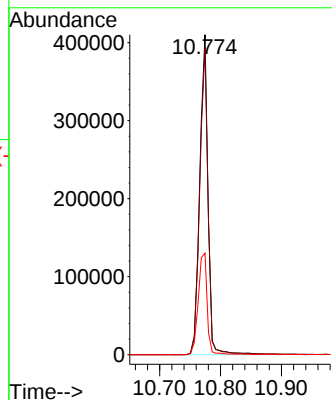
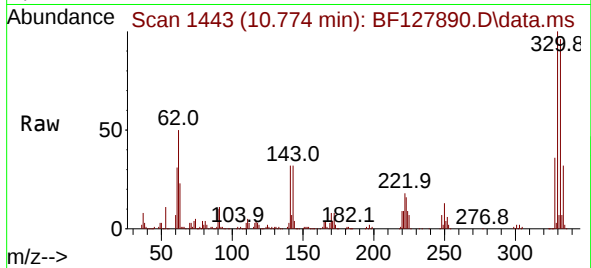




#42
2,4,6-Tribromophenol
Concen: 107.809 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

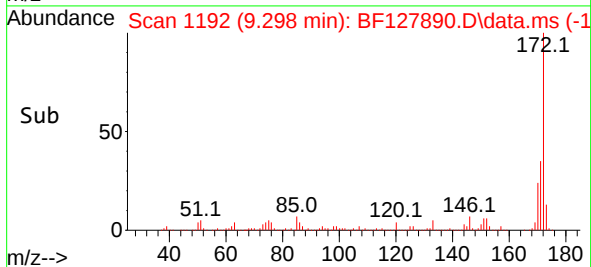
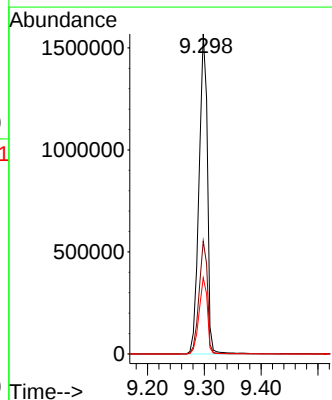
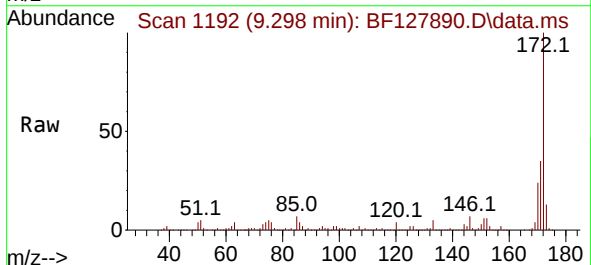
Instrument :
BNA_F
ClientSampleId :
MH-5D

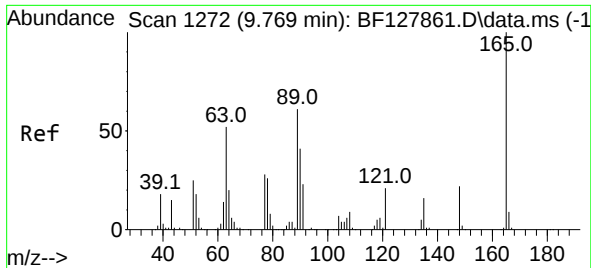
Tgt Ion:330 Resp: 387144
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 77.248 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion:172 Resp: 1628862
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.1 28.7

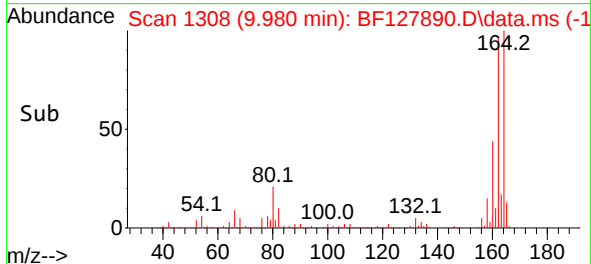
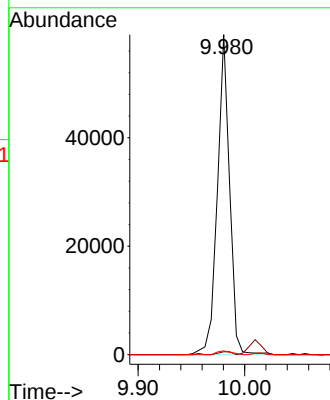
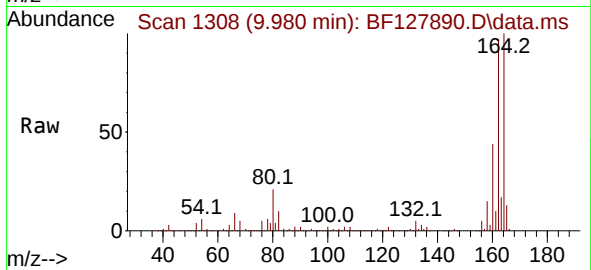




#51
2,6-Dinitrotoluene
Concen: 9.038 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.211 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

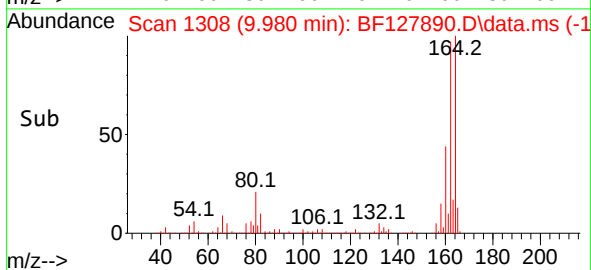
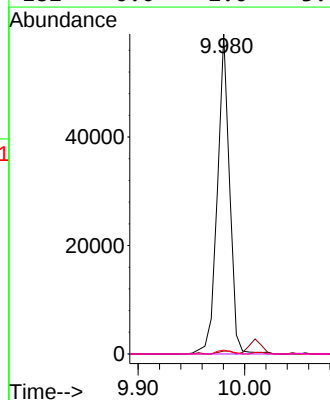
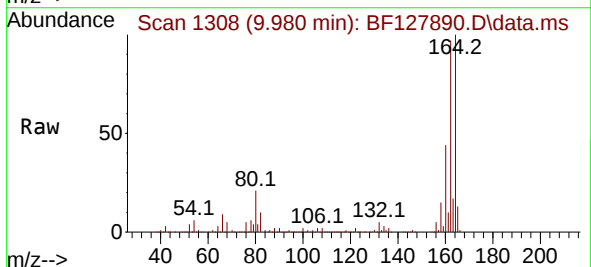
Instrument :
BNA_F
ClientSampleId :
MH-5D

Tgt Ion:165 Resp: 46815
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.823 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion:165 Resp: 46815
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

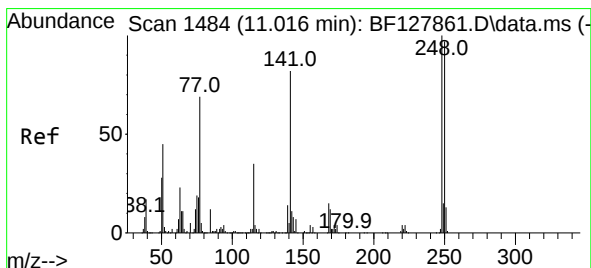
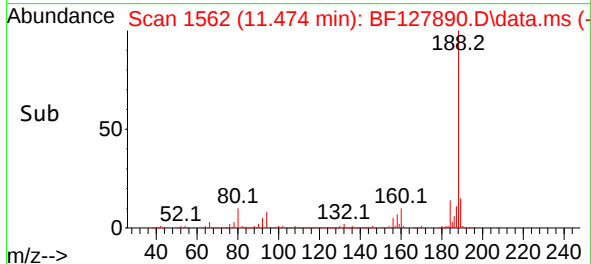
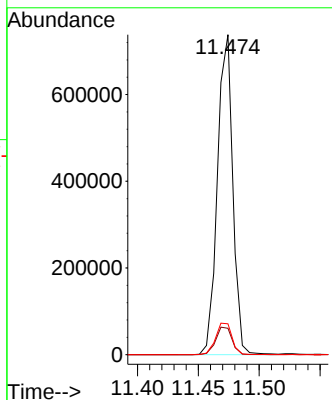
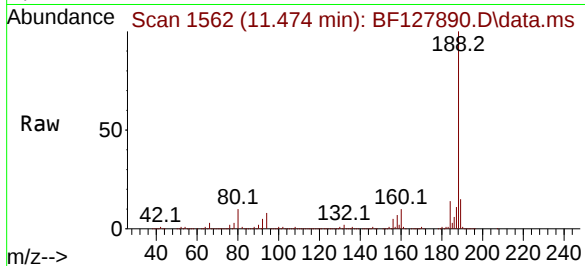




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

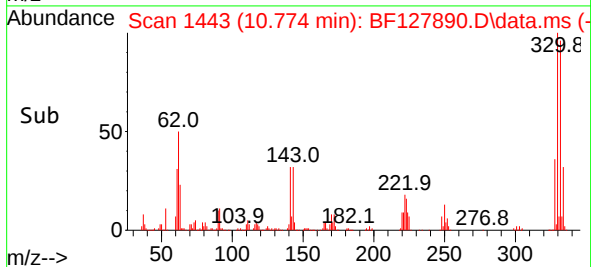
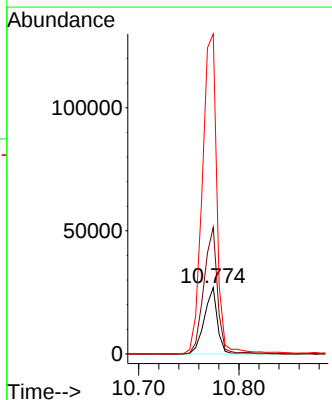
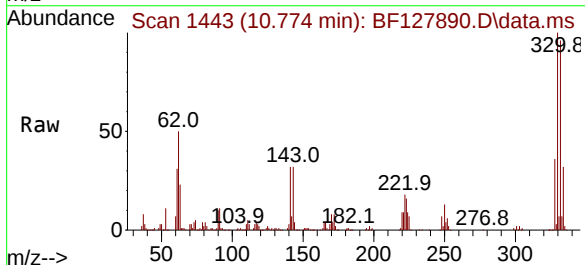
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BNA_F
ClientSampleId :
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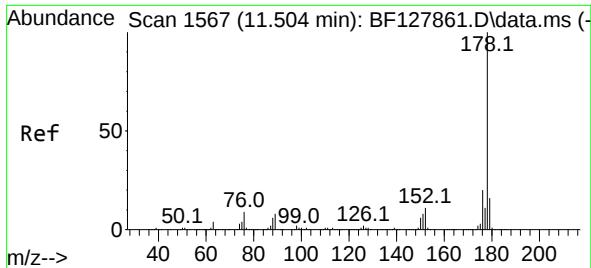
Tgt Ion:188 Resp: 651065
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.426 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion:248 Resp: 24727
Ion Ratio Lower Upper
248 100
250 190.7 77.7 116.5#
141 481.4 65.6 98.4#

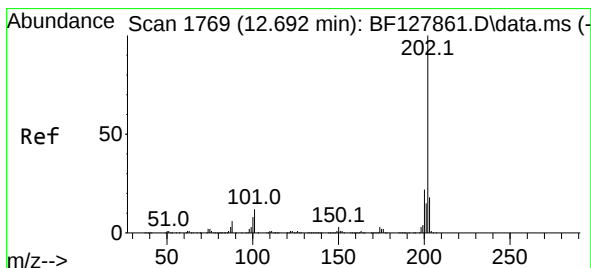
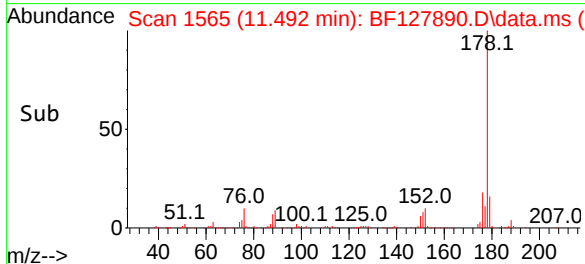
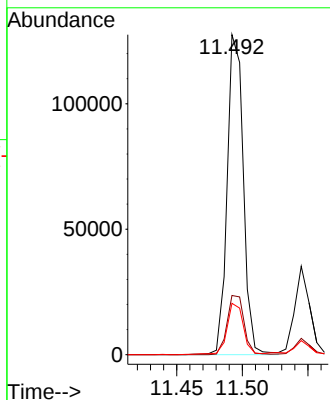
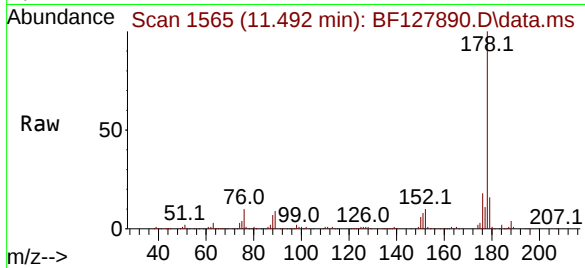




#71
Phenanthrene
Concen: 3.205 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

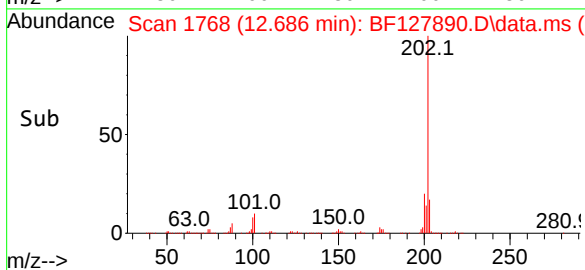
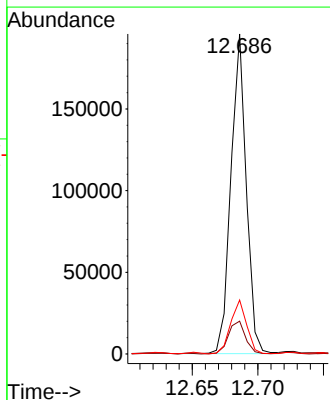
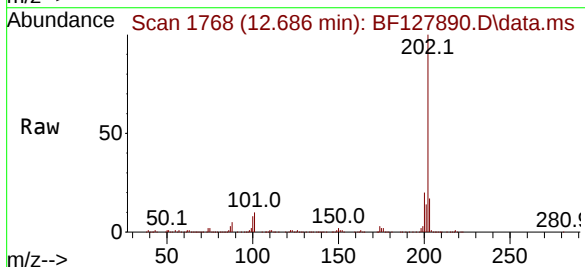
Instrument :
BNA_F
ClientSampleId :
MH-5D

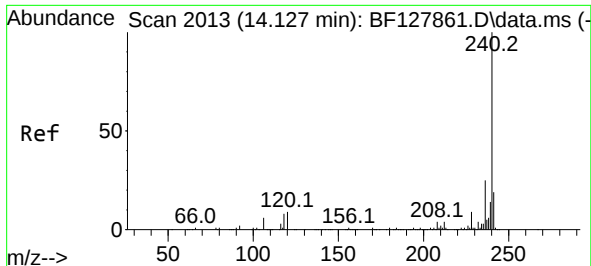
Tgt Ion:178 Resp: 109213
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 16.1 12.6 19.0



#75
Fluoranthene
Concen: 4.452 ng
RT: 12.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion:202 Resp: 159703
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.6
203 16.8 0.0 38.1

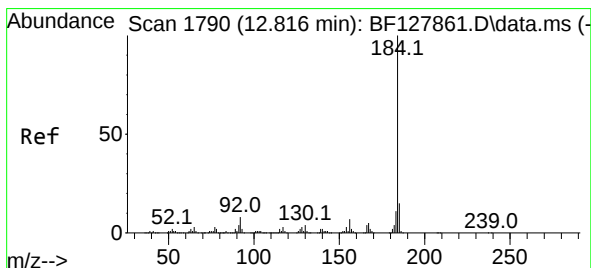
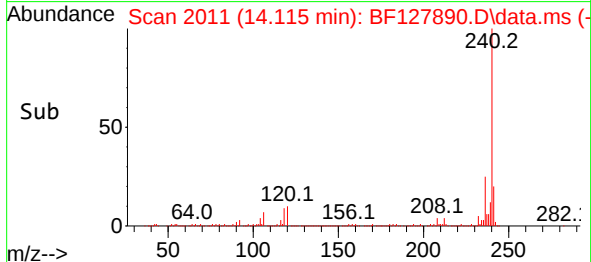
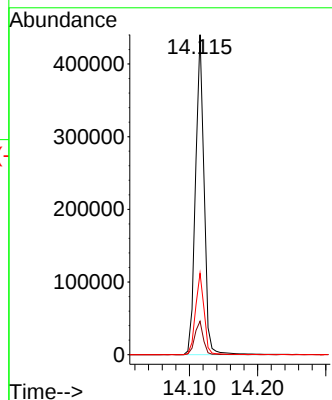
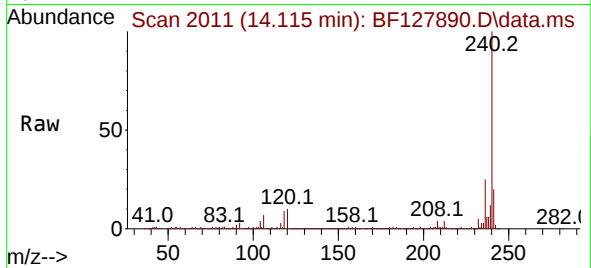




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

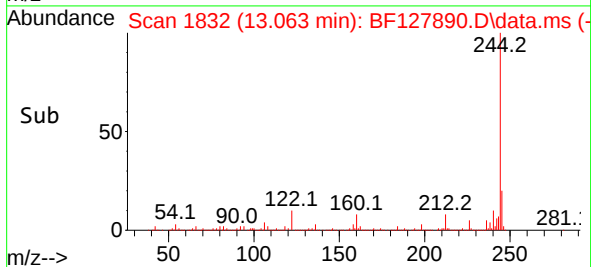
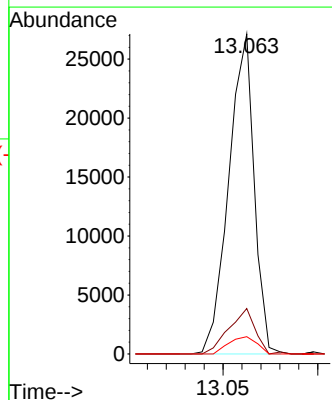
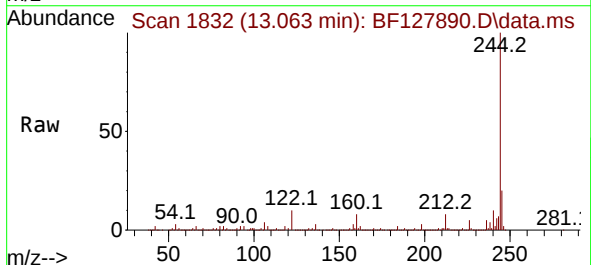
Instrument :
BNA_F
ClientSampleId :
MH-5D

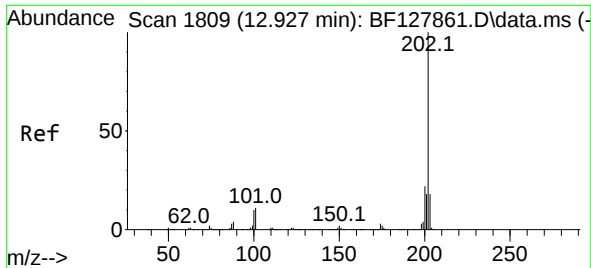
Tgt Ion:240 Resp: 383297
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 3.485 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.246 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

Tgt Ion:184 Resp: 25274
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 5.4 9.0 13.4#

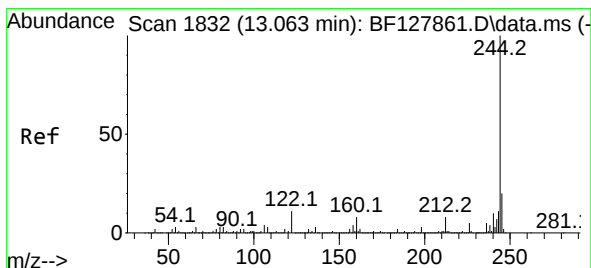
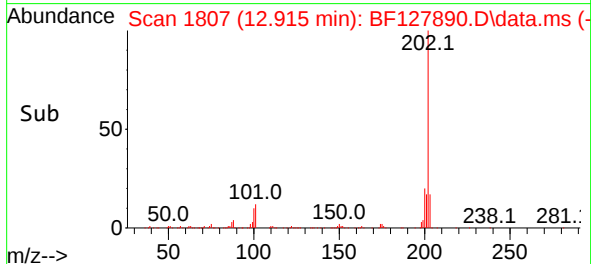
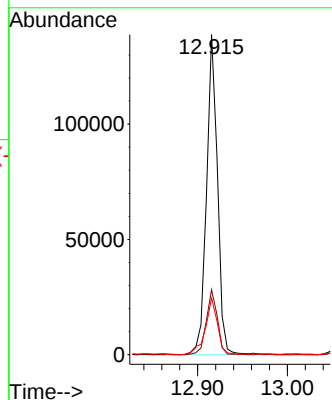
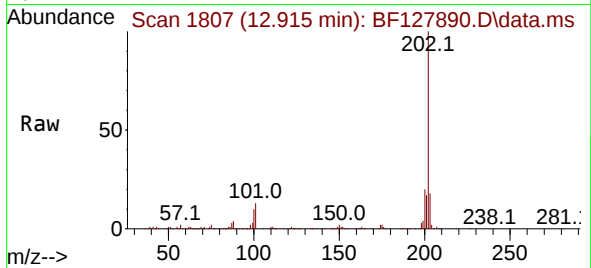




#78
Pyrene
Concen: 3.812 ng
RT: 12.915 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

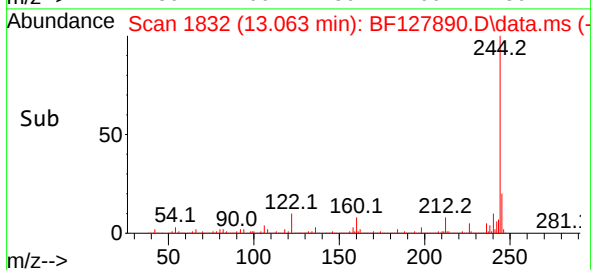
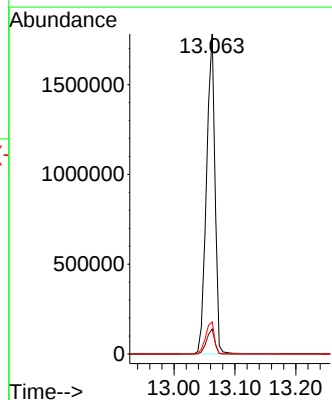
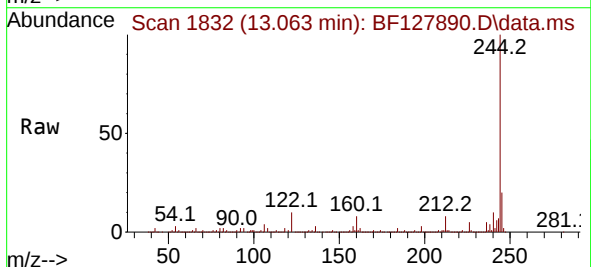
Instrument :
BNA_F
ClientSampleId :
MH-5D

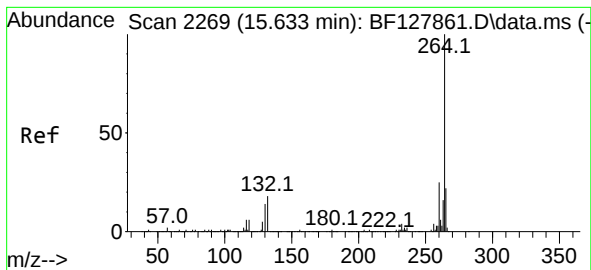
Tgt Ion:202 Resp: 117943
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 17.7 14.0 21.0



#79
Terphenyl-d14
Concen: 82.117 ng
RT: 13.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

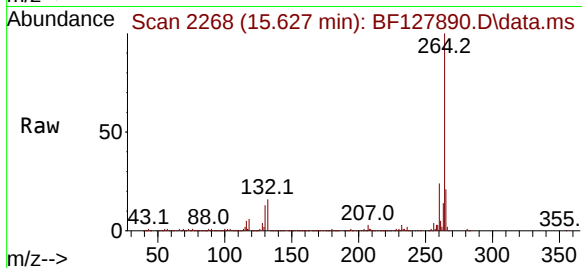
Tgt Ion:244 Resp: 1721313
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127890.D
 Acq: 25 Apr 2022 19:52

Instrument :
 BNA_F
 ClientSampleId :
 MH-5D



Tgt Ion:264 Resp: 315782
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 20.9 17.5 26.3

