

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)

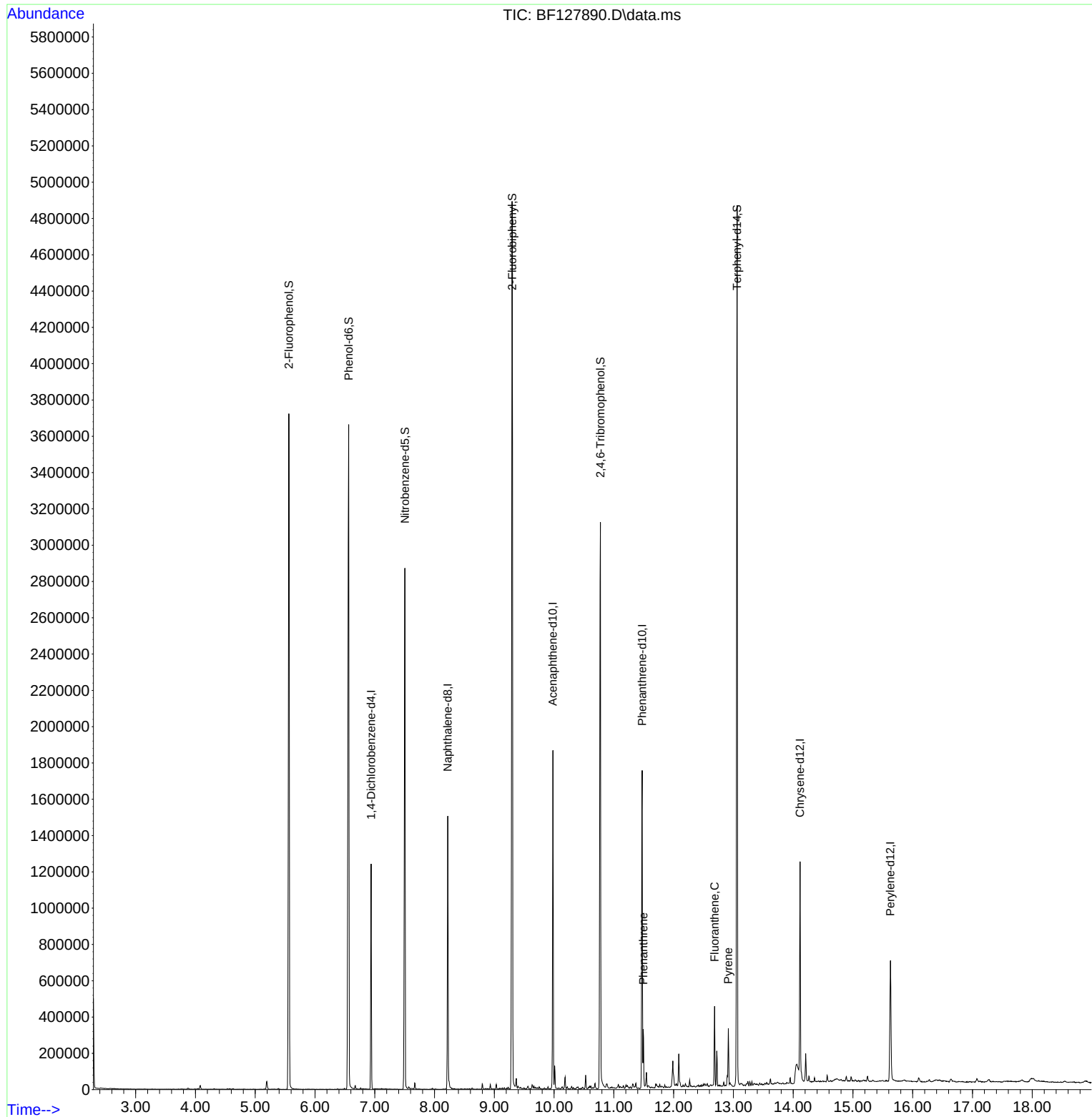
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	160174	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	622487	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	356722	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	651065	20.000	ng	0.00
76) Chrysene-d12	14.115	240	383297	20.000	ng	-0.01
86) Perylene-d12	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
71) Phenanthrene	11.492	178	109213	3.205	ng	98
75) Fluoranthene	12.686	202	159703	4.452	ng	97
78) Pyrene	12.915	202	117943	3.812	ng	98

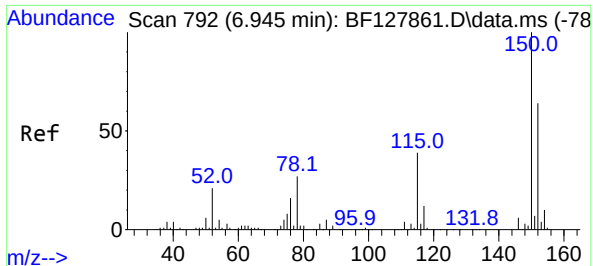
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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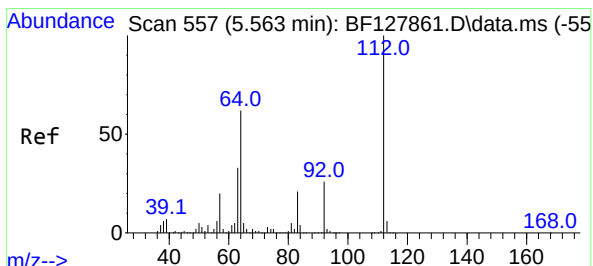
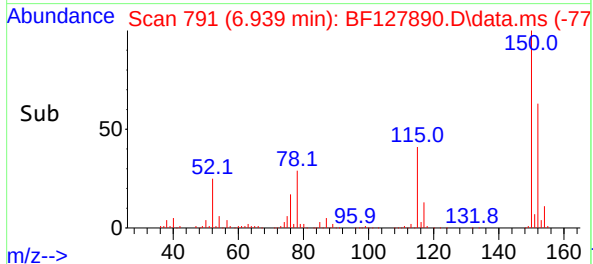
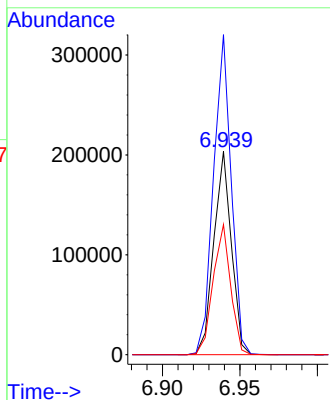
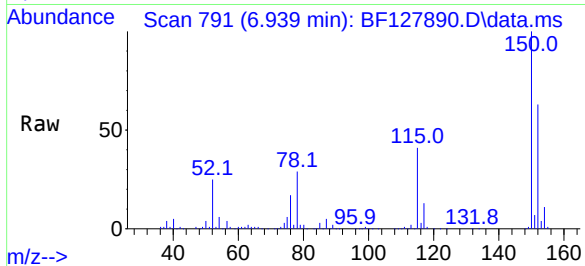




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

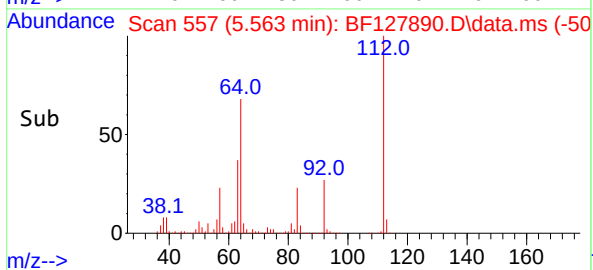
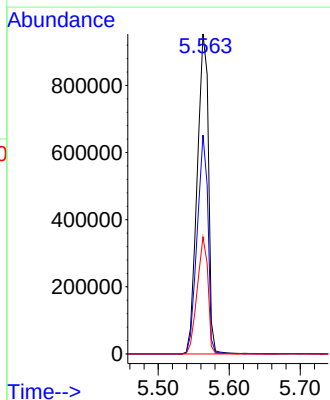
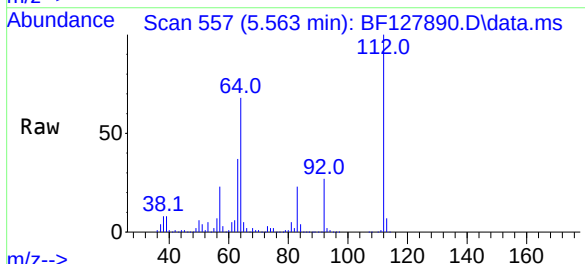
Instrument :
BNA_F
ClientSampleId :
MH-5D

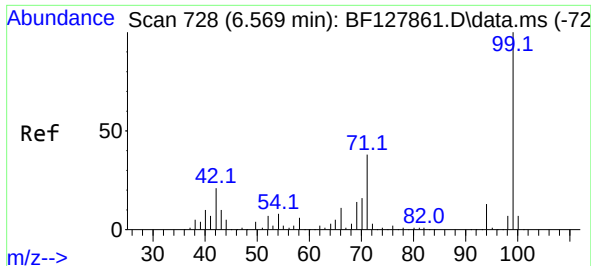
Tgt Ion:152 Resp: 160174
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 64.0 48.8 73.2



#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

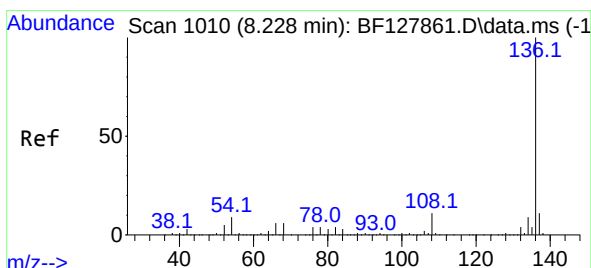
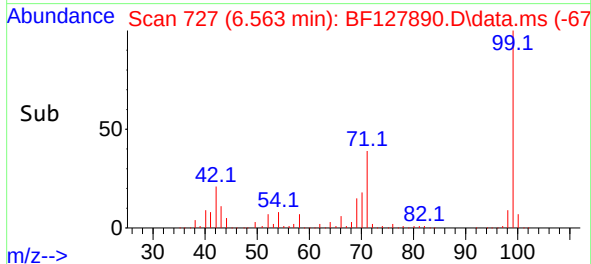
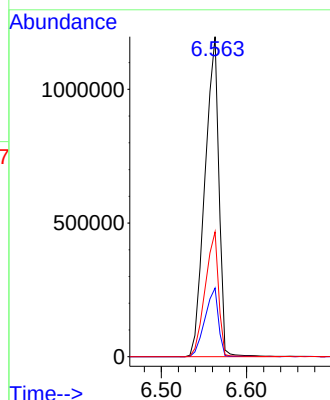
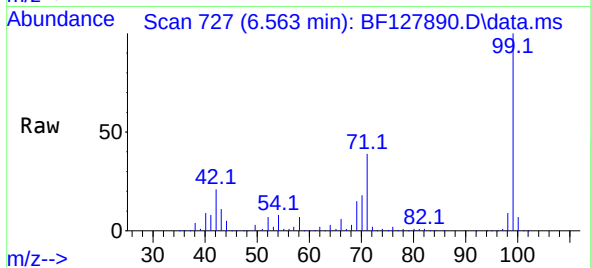




#7
Phenol-d6
Concen: 104.480 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

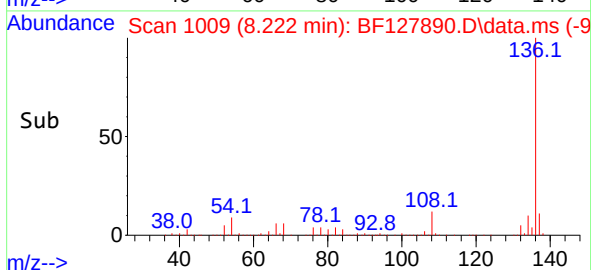
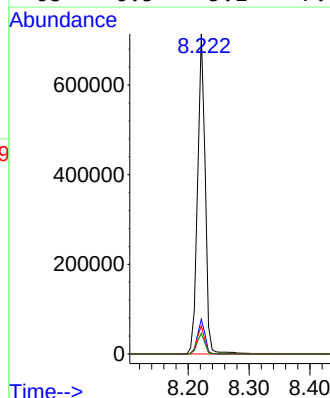
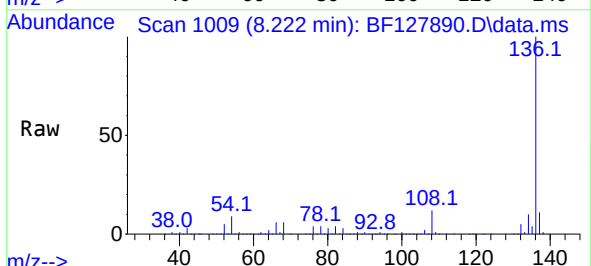
Instrument :
BNA_F
ClientSampleId :
MH-5D

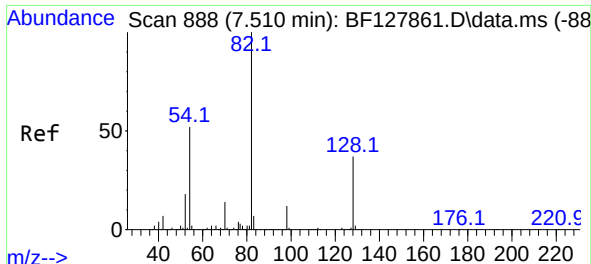
Tgt Ion: 99 Resp: 1363326
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.0 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

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# 81

Delta R.T. -0.006 min

Lab File: BF127890.D

Acq: 25 Apr 2022 19:52

Instrument :

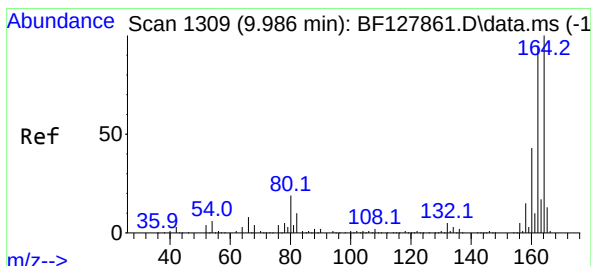
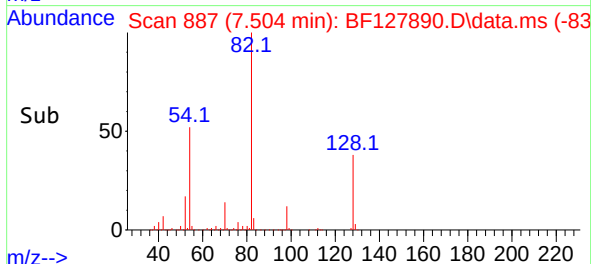
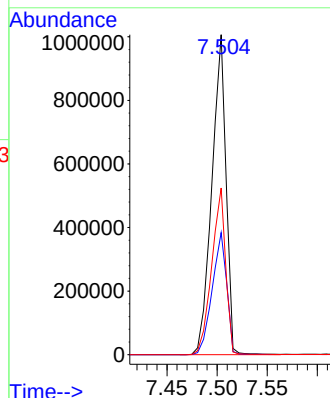
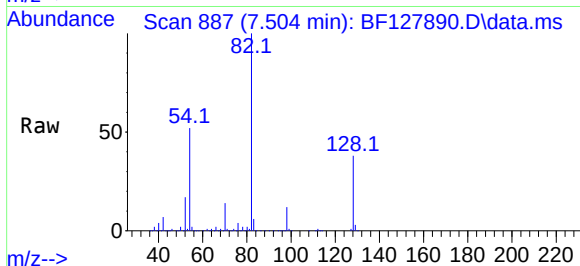
BNA_F

ClientSampleId :

MH-5D

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1308

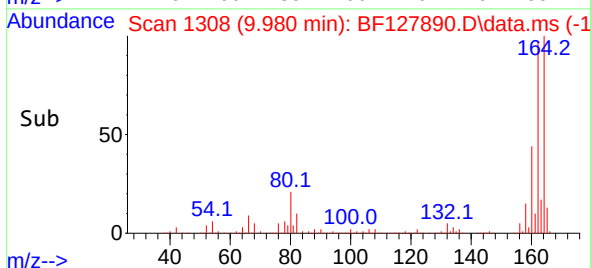
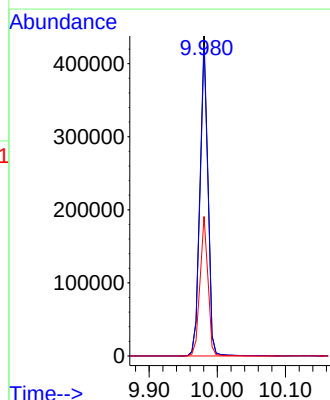
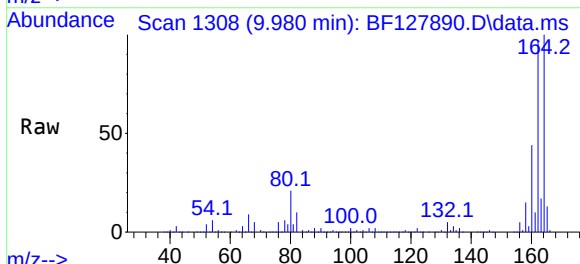
Delta R.T. -0.006 min

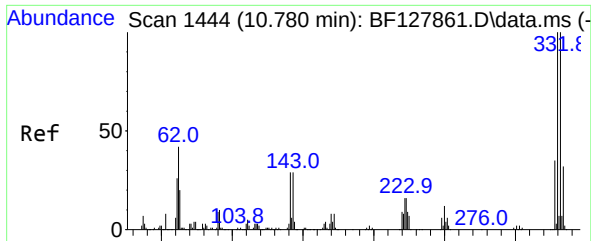
Lab File: BF127890.D

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

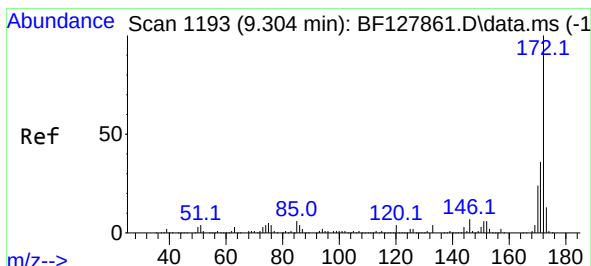
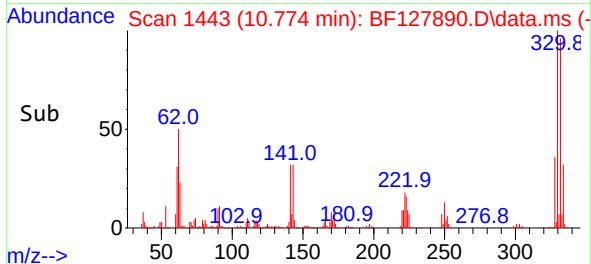
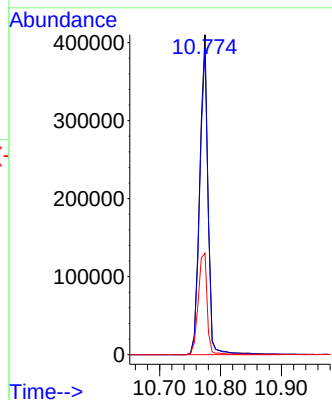
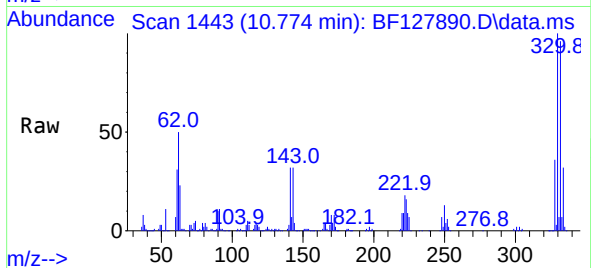




#42
2,4,6-Tribromophenol
Concen: 107.809 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

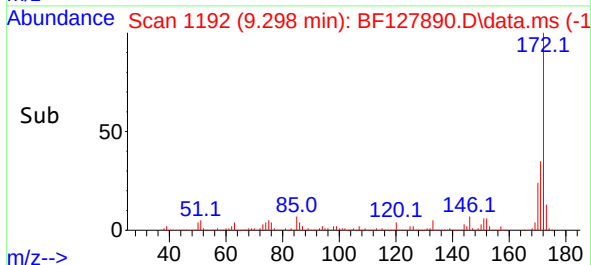
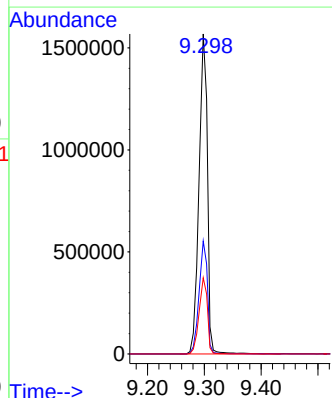
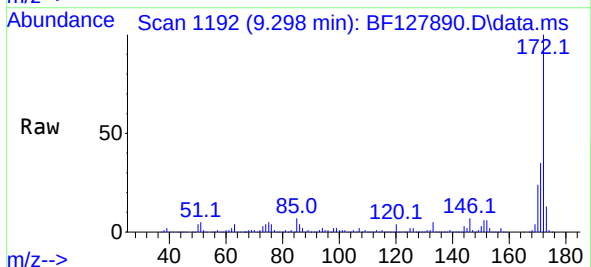
Instrument :
BNA_F
ClientSampleId :
MH-5D

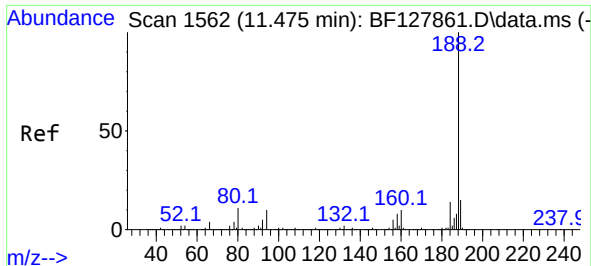
Tgt Ion:330 Resp: 387144
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 34.3 28.9 43.3



#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

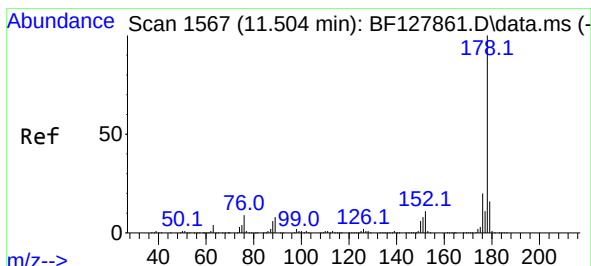
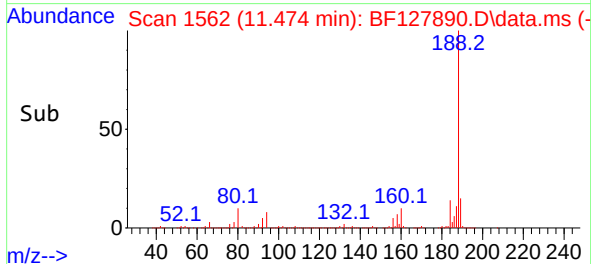
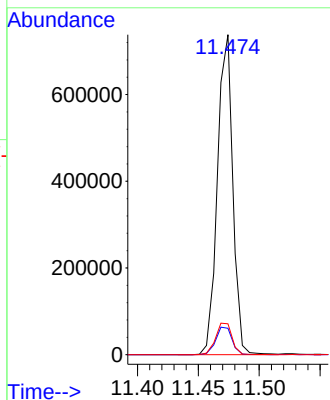
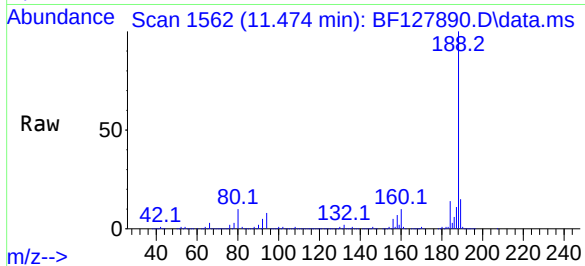




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

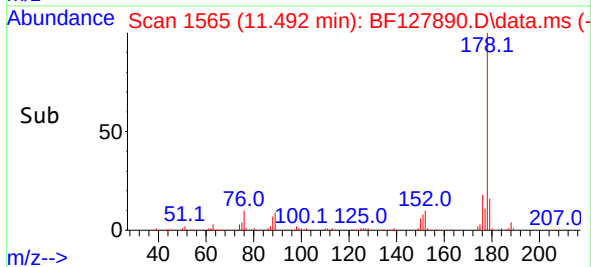
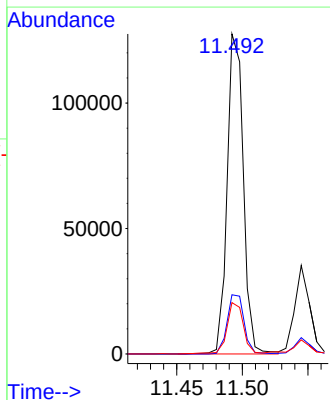
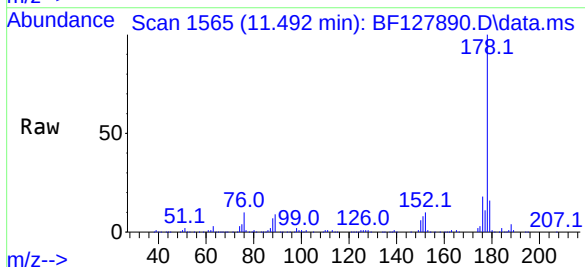
Instrument :
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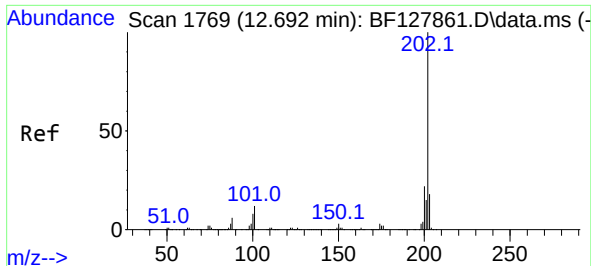
Tgt Ion:188 Resp: 651065
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.6 8.9 13.3



#71
Phenanthrene
Concen: 3.205 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

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

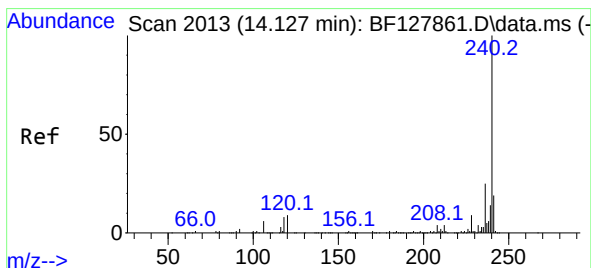
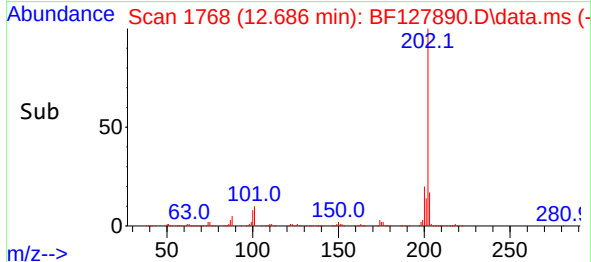
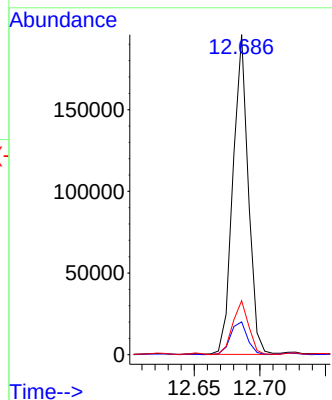
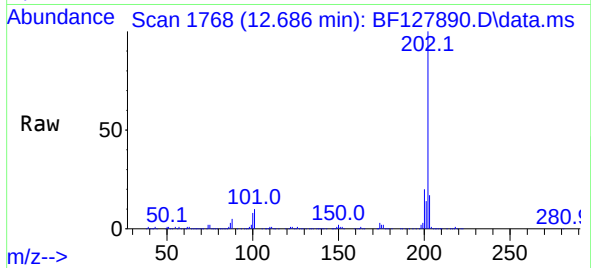




#75
Fluoranthene
Concen: 4.452 ng
RT: 12.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

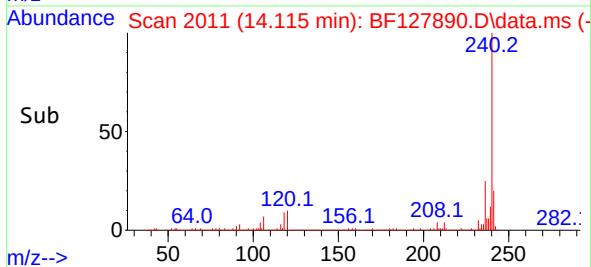
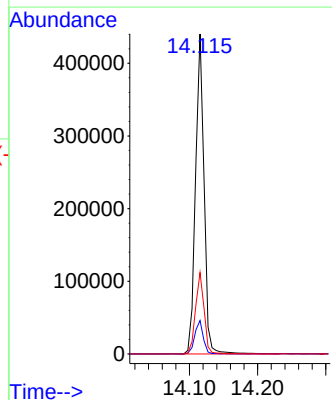
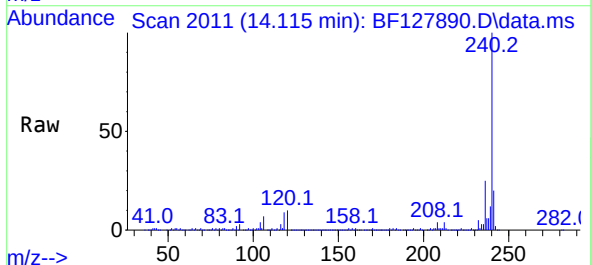
Instrument :
BNA_F
ClientSampleId :
MH-5D

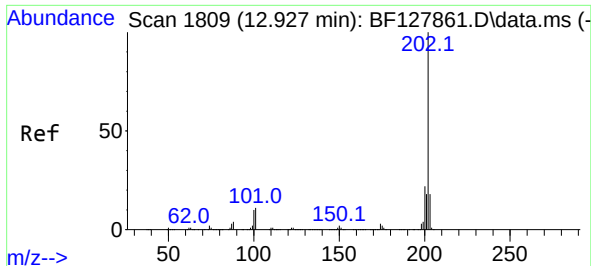
Tgt Ion:202 Resp: 159703
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.6
203 16.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

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

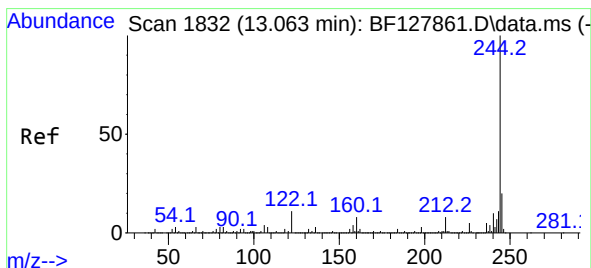
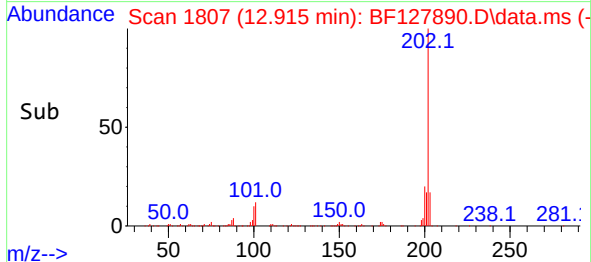
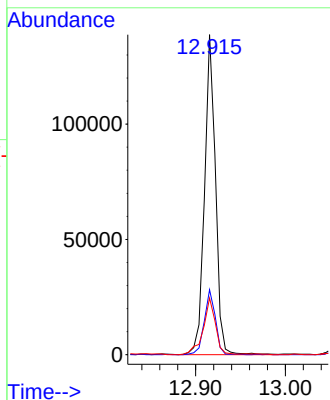
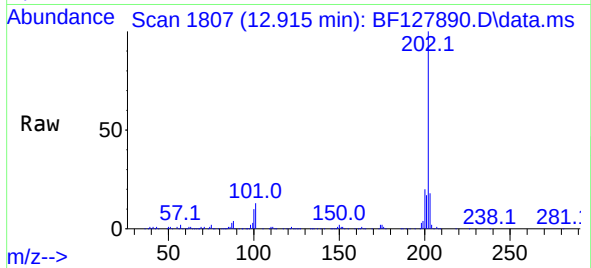




#78
Pyrene
Concen: 3.812 ng
RT: 12.915 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

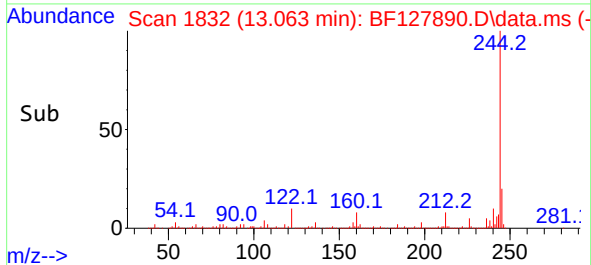
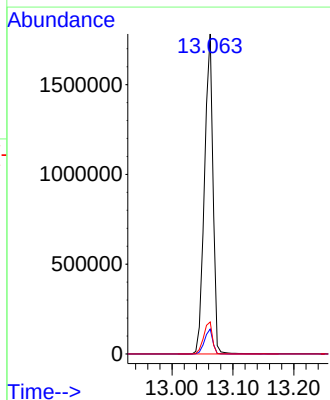
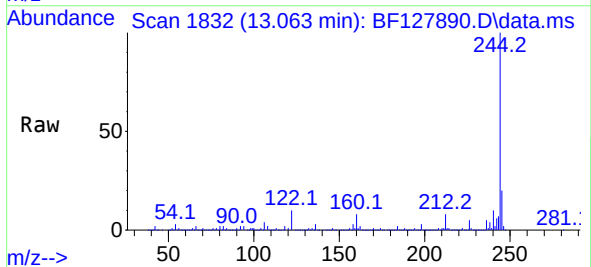
Instrument :
BNA_F
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MH-5D

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

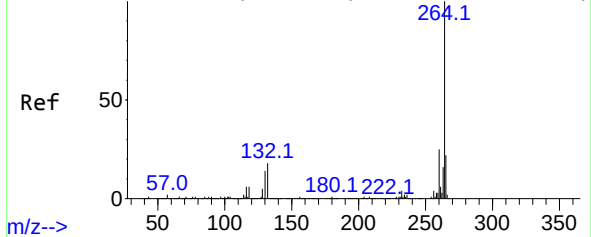


#79
Terphenyl-d14
Concen: 82.117 ng
RT: 13.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF127890.D
Acq: 25 Apr 2022 19:52

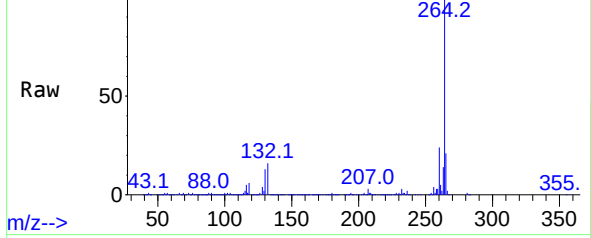
Tgt Ion:244 Resp: 1721313
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.0 8.6 12.8



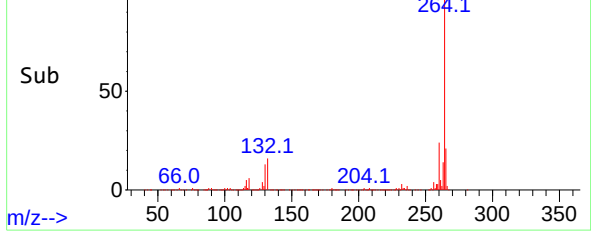
Abundance Scan 2269 (15.633 min): BF127861.D\data.ms (-



m/z--> Scan 2268 (15.627 min): BF127890.D\data.ms



Abundance Scan 2268 (15.627 min): BF127890.D\data.ms (-



m/z-->

#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

Abundance

