

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127985.D
 Acq On : 28 Apr 2022 17:13
 Operator : CG\JU
 Sample : N2588-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2

Quant Time: Apr 29 04:39:13 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)

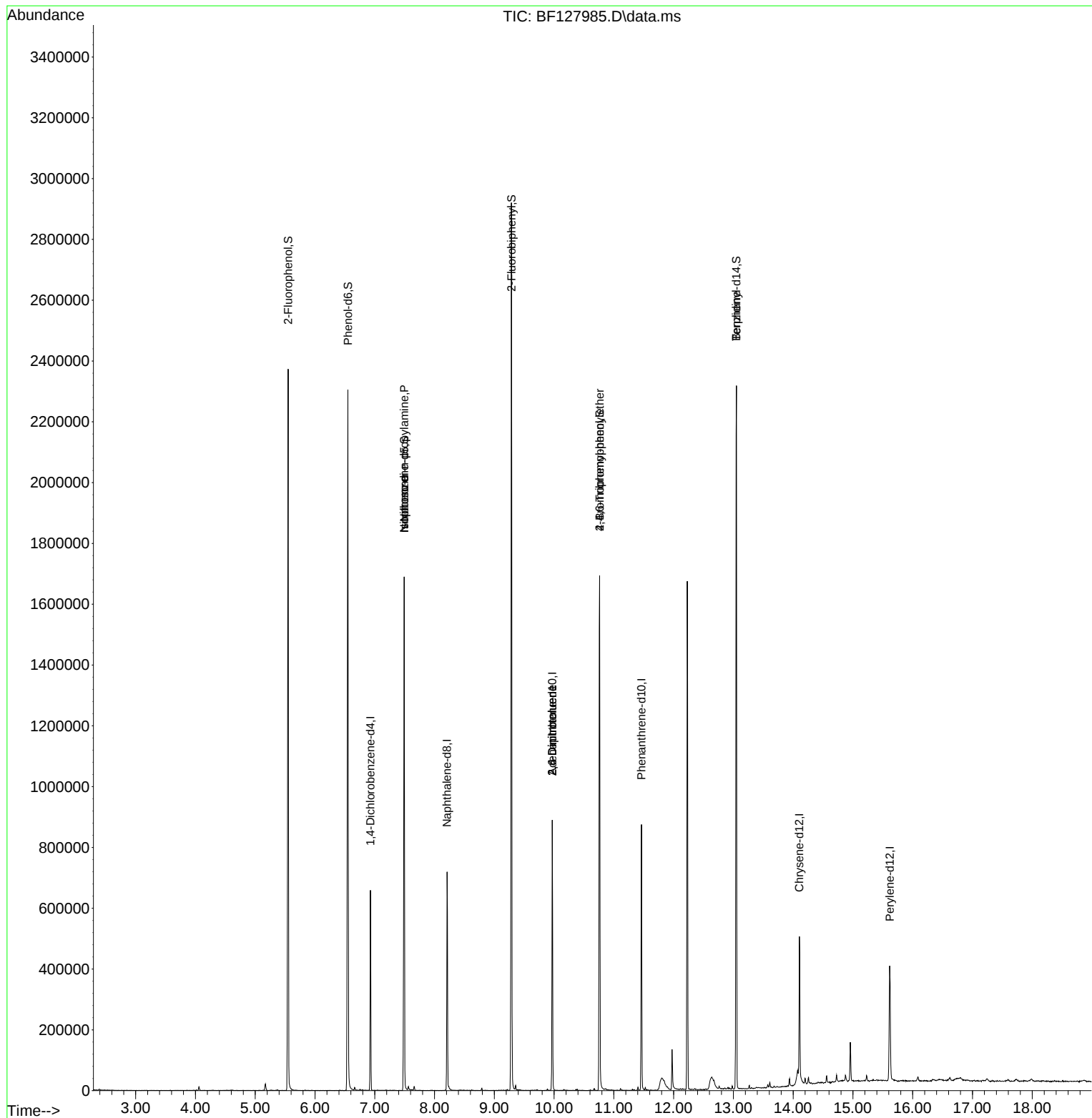
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	82249	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	316083	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	172752	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	303905	20.000	ng	0.00
76) Chrysene-d12	14.104	240	164805	20.000	ng	-0.01
86) Perylene-d12	15.615	264	174786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	577027	111.743	ng	0.00
7) Phenol-d6	6.551	99	753069	112.391	ng	-0.01
23) Nitrobenzene-d5	7.492	82	539320	80.235	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	198046	113.882	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	870468	85.244	ng	0.00
79) Terphenyl-d14	13.051	244	807563	89.602	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	72200	17.603	ng	# 80
25) Isophorone	7.492	82	539316	47.672	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	21707	8.654	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	21707	6.533	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	13071	3.880	ng	# 1
77) Benzidine	13.051	184	11440	3.669	ng	# 96

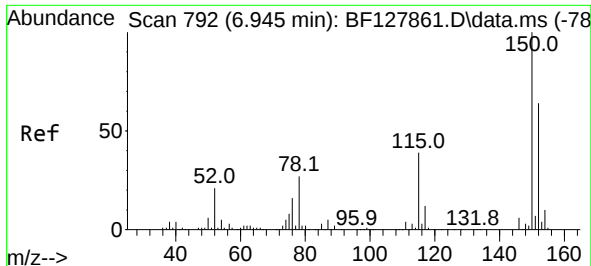
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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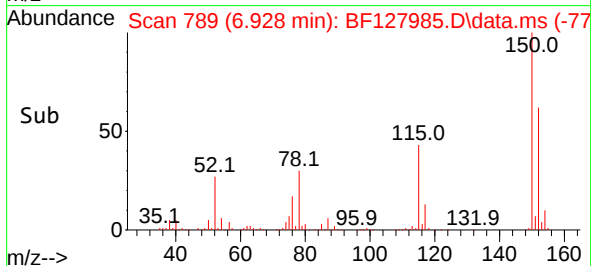
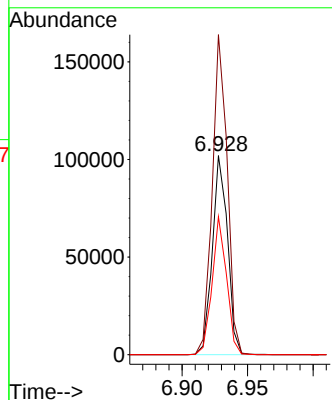
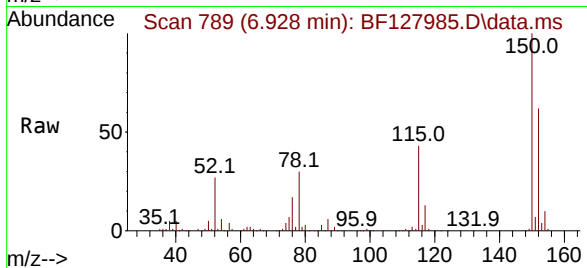




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

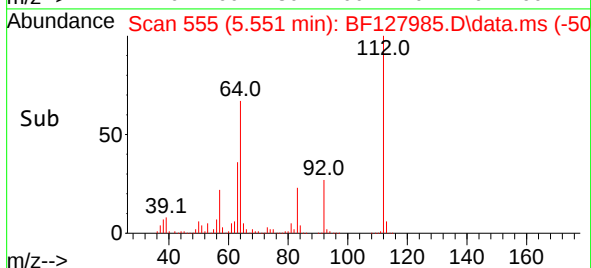
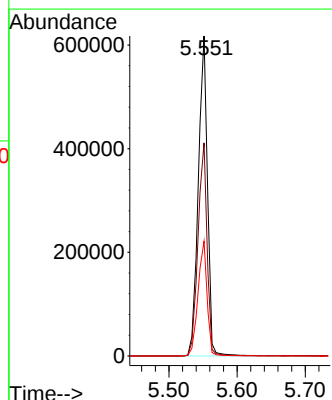
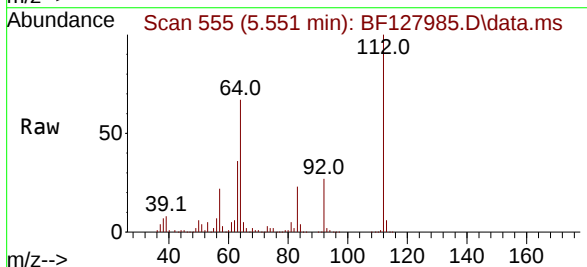
Instrument :
BNA_F
ClientSampleId :
MH-2

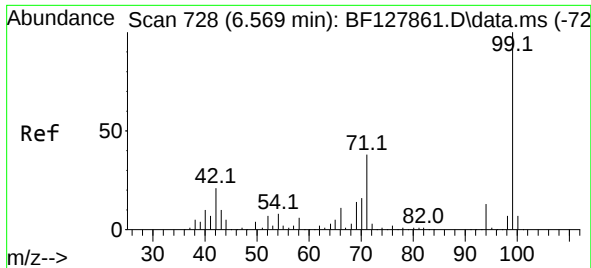
Tgt Ion:152 Resp: 82249
Ion Ratio Lower Upper
152 100
150 160.8 125.3 187.9
115 69.3 48.8 73.2



#5
2-Fluorophenol
Concen: 111.743 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

Tgt Ion:112 Resp: 577027
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 35.8 26.3 39.5

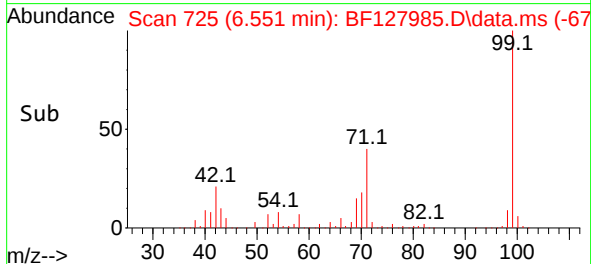
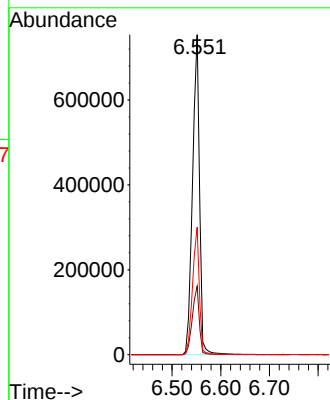
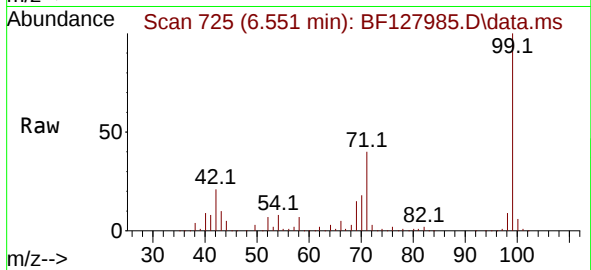




#7
Phenol-d6
Concen: 112.391 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

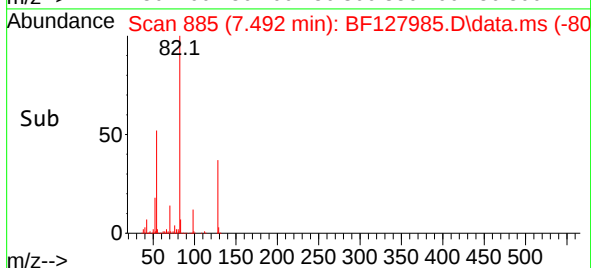
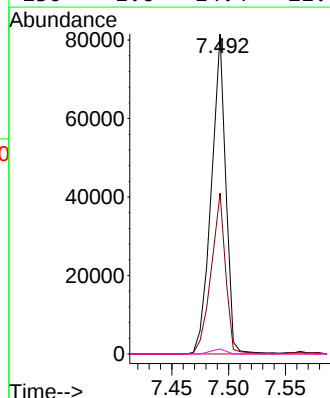
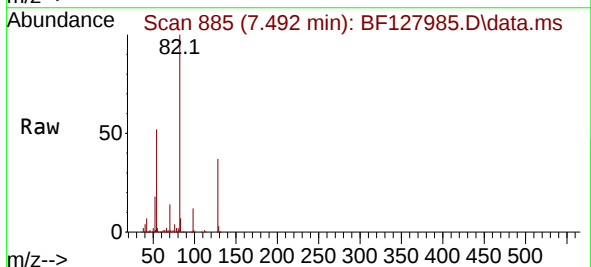
Instrument :
BNA_F
ClientSampleId :
MH-2

Tgt Ion: 99 Resp: 753069
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 39.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.603 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

Tgt Ion: 70 Resp: 72200
Ion Ratio Lower Upper
70 100
42 50.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



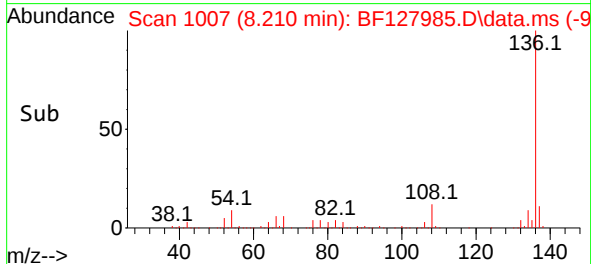
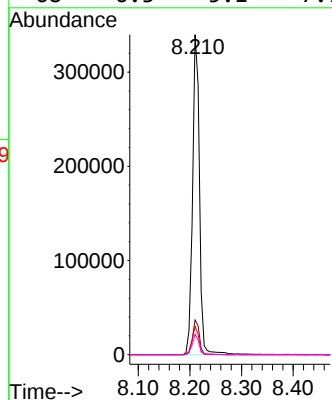
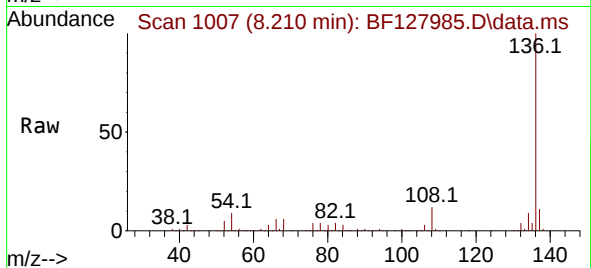


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

Instrument :
BNA_F
ClientSampleId :
MH-2

Tgt Ion:136 Resp: 316083

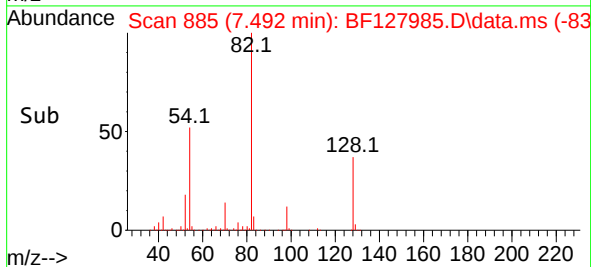
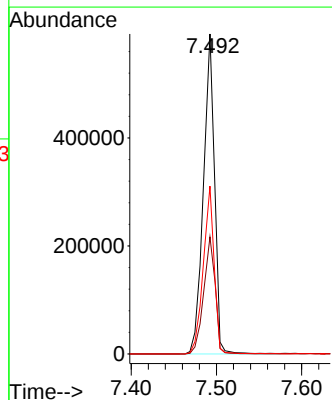
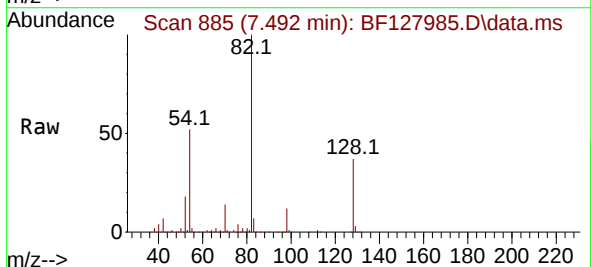
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.8	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 80.235 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

Tgt Ion: 82 Resp: 539320

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.0	45.0
54	52.4	41.3	61.9

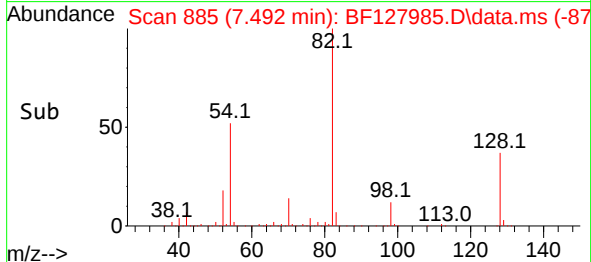
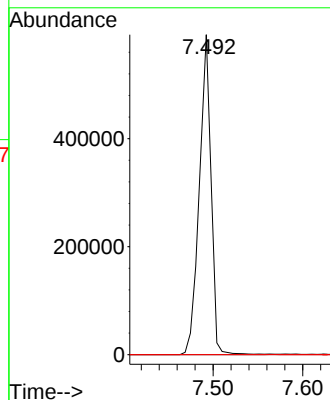
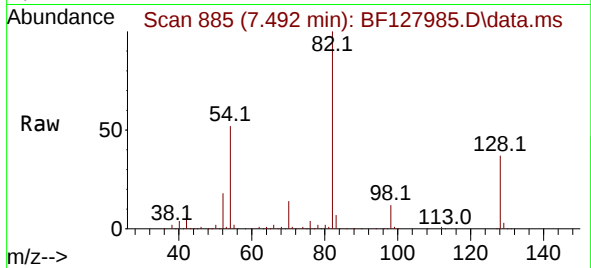




#25
Isophorone
Concen: 47.672 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

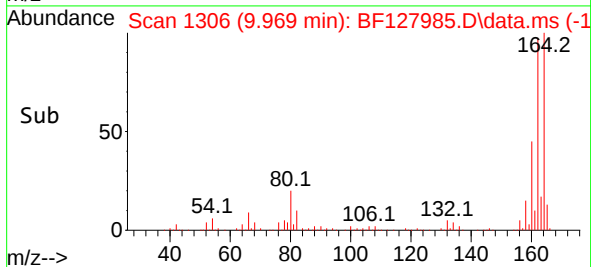
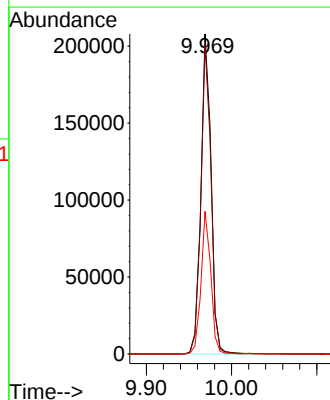
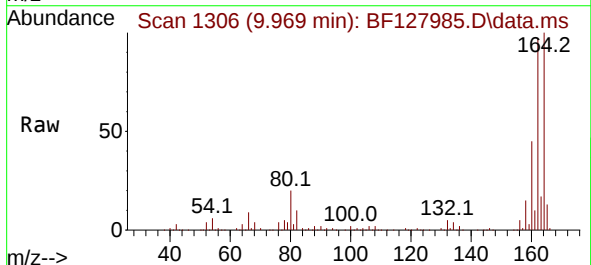
Instrument :
BNA_F
ClientSampleId :
MH-2

Tgt Ion: 82 Resp: 539316
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: BF127985.D
Acq: 28 Apr 2022 17:13

Tgt Ion: 164 Resp: 172752
Ion Ratio Lower Upper
164 100
162 96.6 76.0 114.0
160 44.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 113.882 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127985.D

Acq: 28 Apr 2022 17:13

Instrument :

BNA_F

ClientSampleId :

MH-2

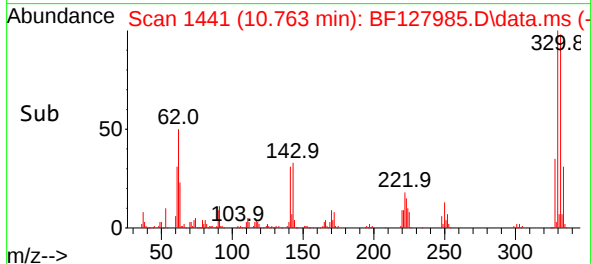
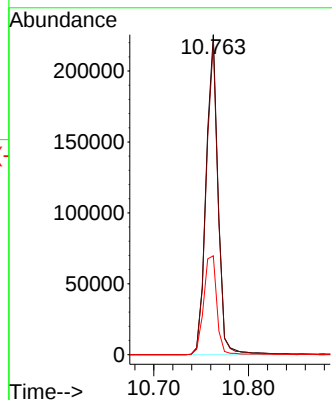
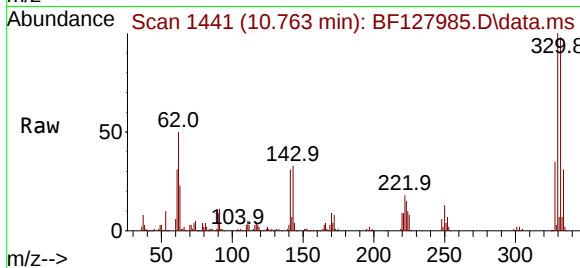
Tgt Ion:330 Resp: 198046

Ion Ratio Lower Upper

330 100

332 98.0 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 85.244 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF127985.D

Acq: 28 Apr 2022 17:13

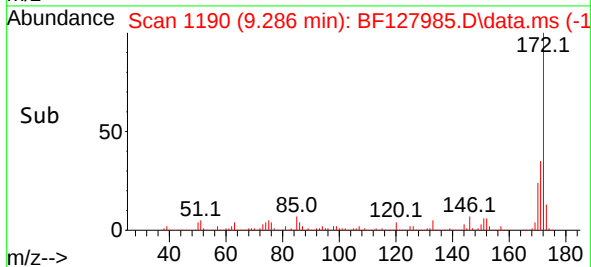
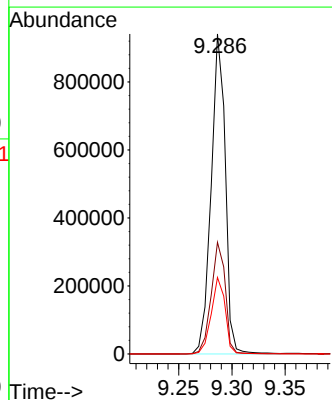
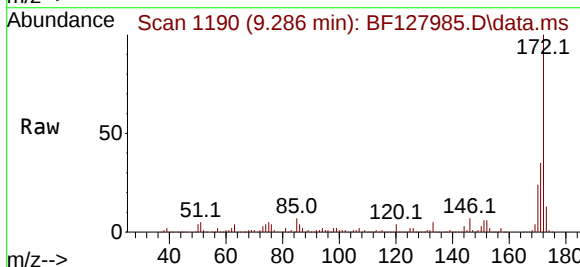
Tgt Ion:172 Resp: 870468

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.9 19.1 28.7

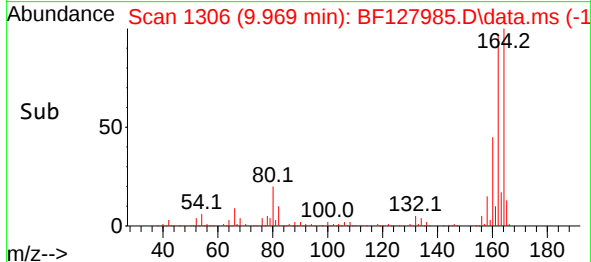
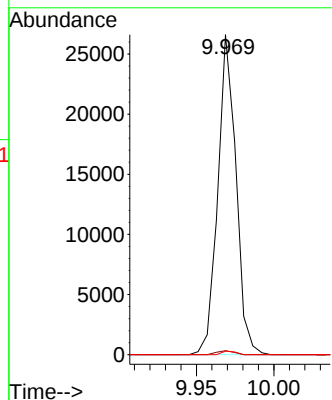
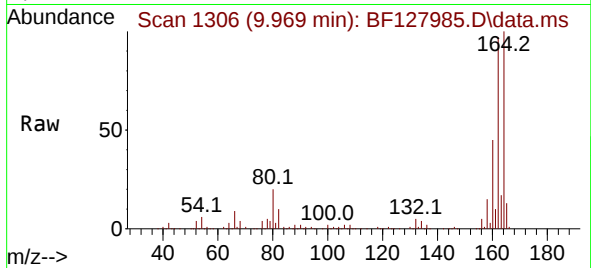




#51
2,6-Dinitrotoluene
Concen: 8.654 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

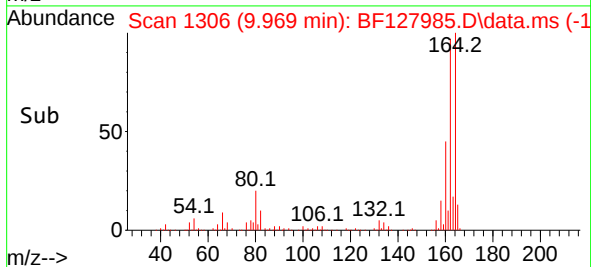
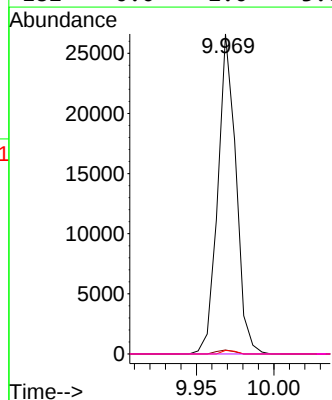
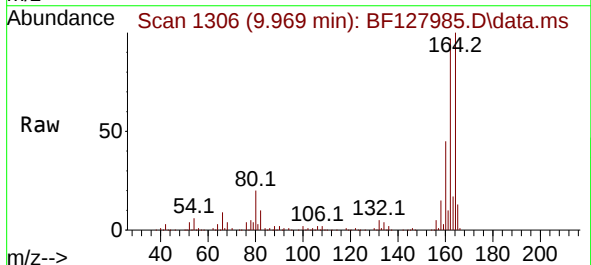
Instrument :
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ClientSampleId :
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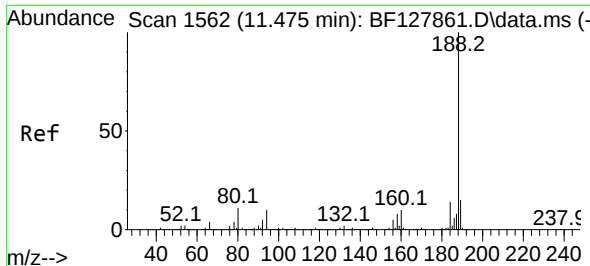
Tgt Ion:165 Resp: 21707
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.533 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

Tgt Ion:165 Resp: 21707
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

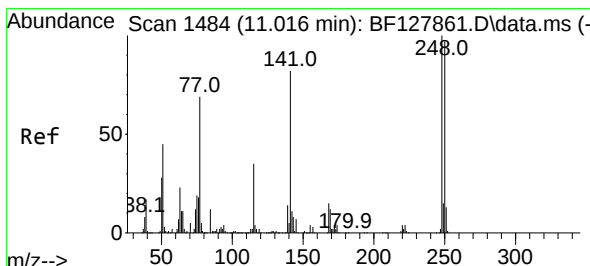
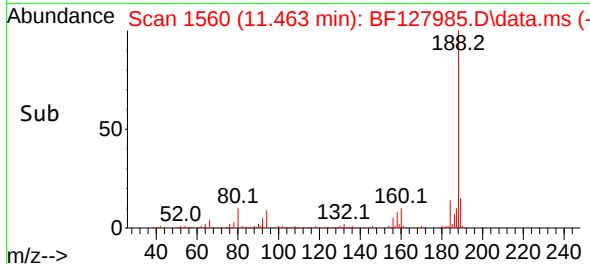
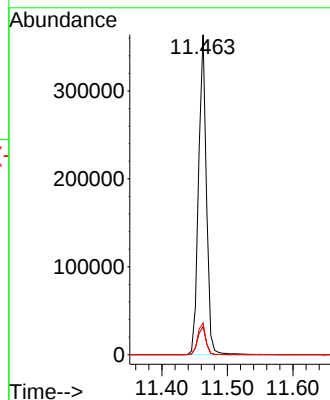
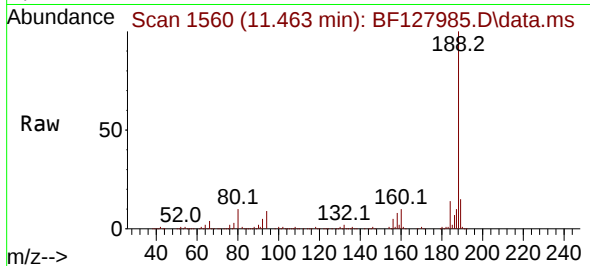




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

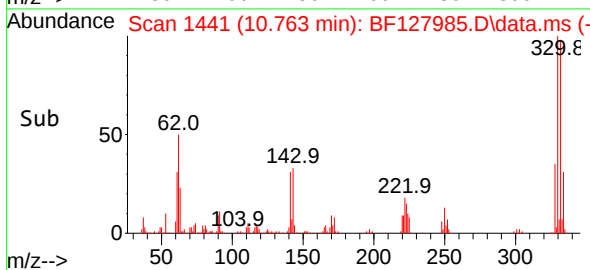
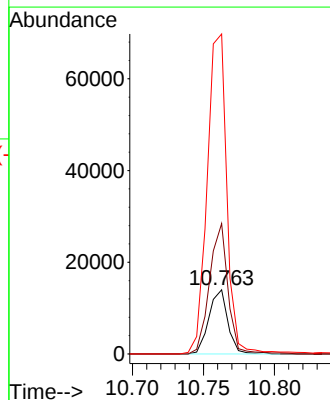
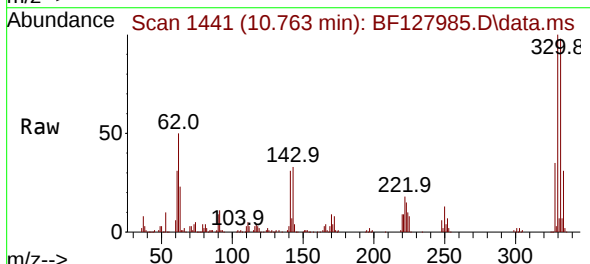
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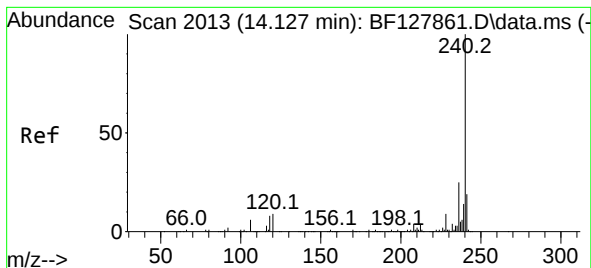
Tgt Ion:188 Resp: 303905
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.880 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127985.D
Acq: 28 Apr 2022 17:13

Tgt Ion:248 Resp: 13071
Ion Ratio Lower Upper
248 100
250 203.2 77.7 116.5#
141 498.9 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: BF127985.D

Acq: 28 Apr 2022 17:13

Instrument :

BNA_F

ClientSampleId :

MH-2

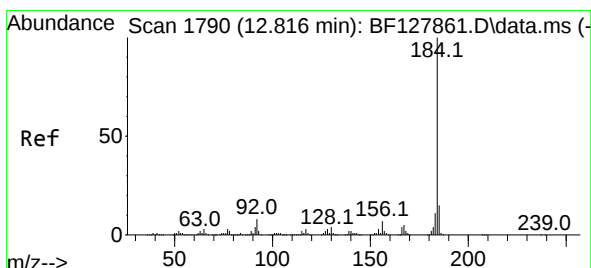
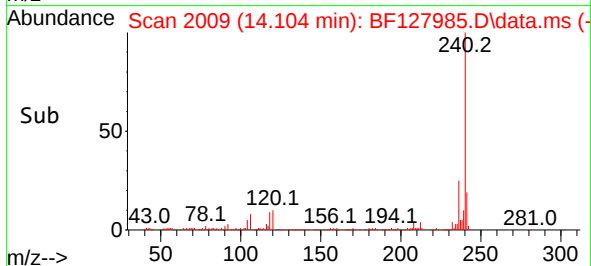
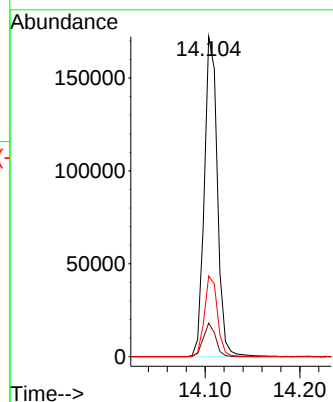
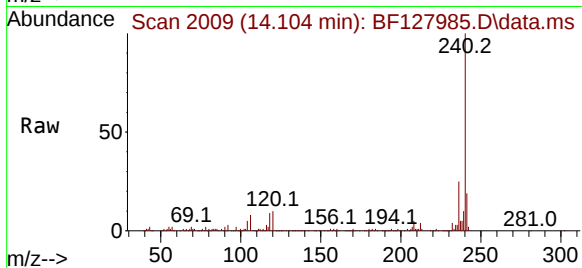
Tgt Ion:240 Resp: 164805

Ion Ratio Lower Upper

240 100

120 10.5 7.0 10.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 3.669 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.247 min

Lab File: BF127985.D

Acq: 28 Apr 2022 17:13

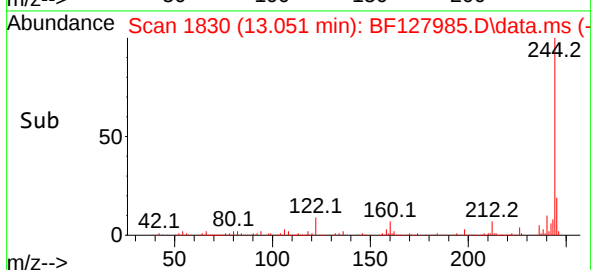
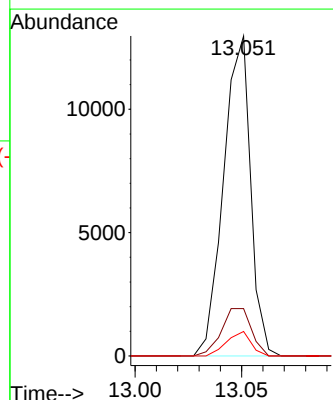
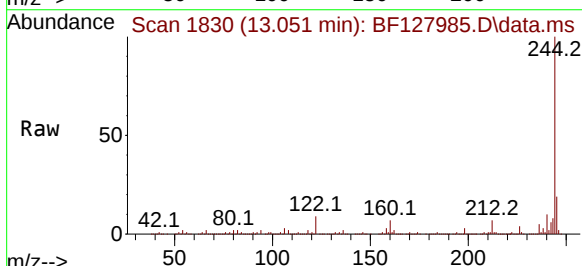
Tgt Ion:184 Resp: 11440

Ion Ratio Lower Upper

184 100

185 14.8 12.1 18.1

183 7.7 9.0 13.4#

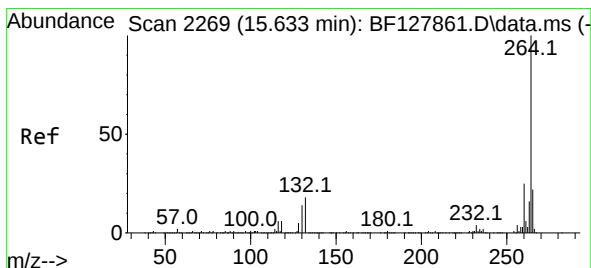
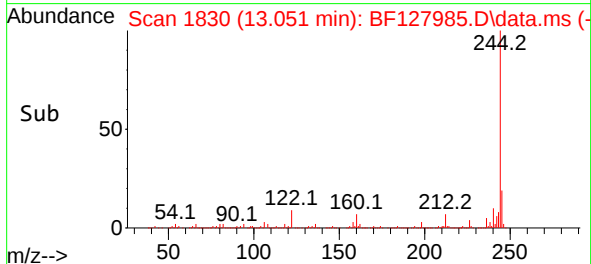
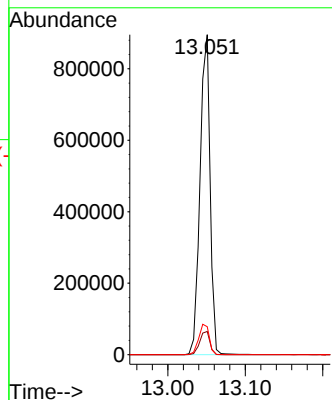
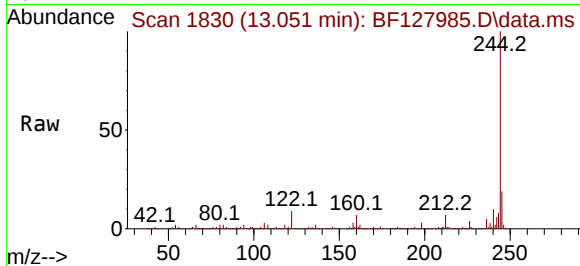




#79
 Terphenyl-d14
 Concen: 89.602 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127985.D
 Acq: 28 Apr 2022 17:13

Instrument :
 BNA_F
 ClientSampleId :
 MH-2

Tgt Ion:244 Resp: 807563
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.8 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: BF127985.D
 Acq: 28 Apr 2022 17:13

Tgt Ion:264 Resp: 174786
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 20.9 17.5 26.3

