

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127894.D
 Acq On : 25 Apr 2022 21:46
 Operator : CG\JU
 Sample : N2548-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-8D

Quant Time: Apr 26 05:40:44 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)

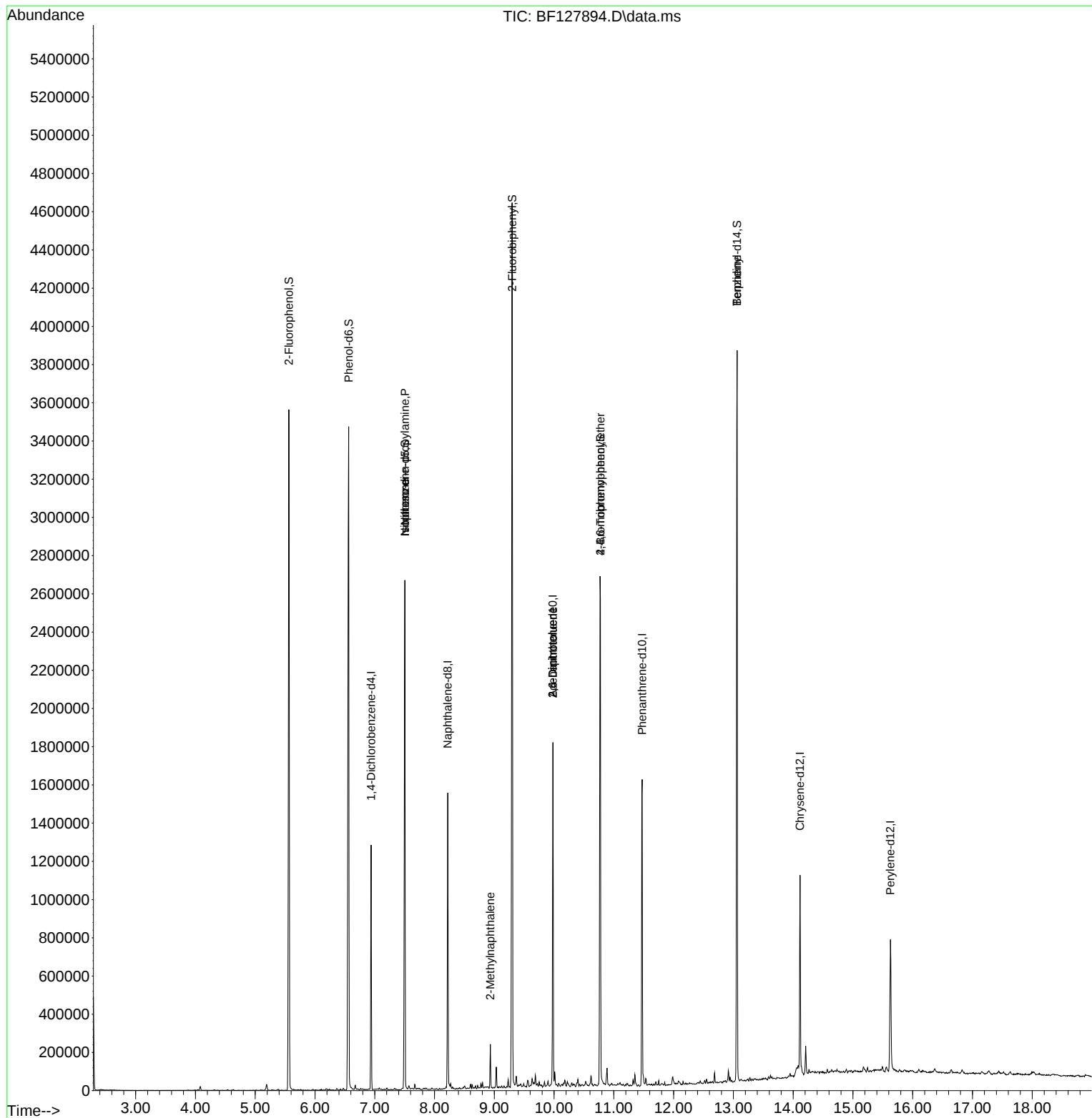
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	162109	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	635414	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	359950	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	626552	20.000	ng	0.00
76) Chrysene-d12	14.115	240	347736	20.000	ng	-0.01
86) Perylene-d12	15.627	264	340159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	959929	94.317	ng	0.00
7) Phenol-d6	6.563	99	1247811	94.486	ng	0.00
23) Nitrobenzene-d5	7.504	82	898437	66.489	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	335856	92.688	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1437544	67.564	ng	0.00
79) Terphenyl-d14	13.063	244	1392248	73.211	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	121448	15.023	ng	# 77
25) Isophorone	7.504	82	898437	39.505	ng	# 68
37) 2-Methylnaphthalene	8.933	142	58151	2.719	ng	98
51) 2,6-Dinitrotoluene	9.980	165	48726	9.323	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	48726	7.038	ng	# 26
67) 4-Bromophenyl-phenylether	10.774	248	21053	3.031	ng	# 1
77) Benzidine	13.063	184	19307	2.934	ng	# 94

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

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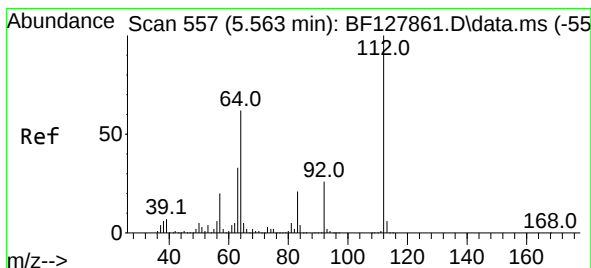
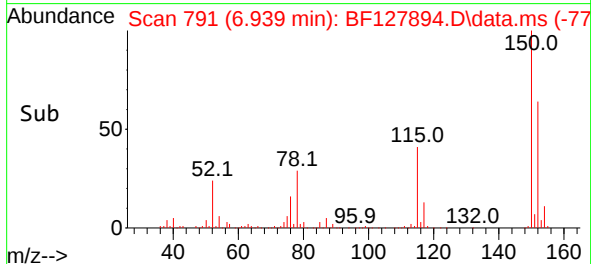
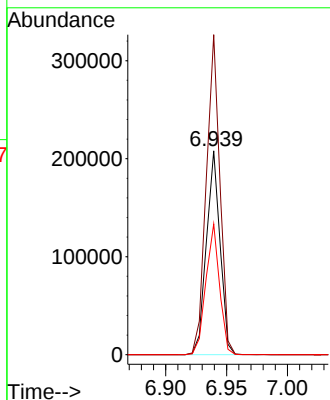
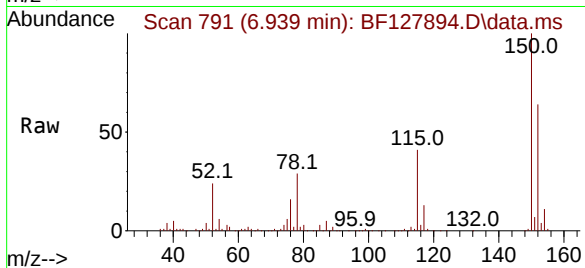




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

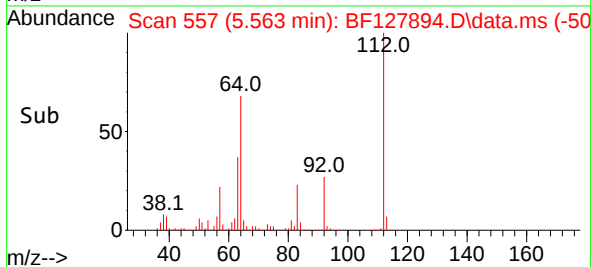
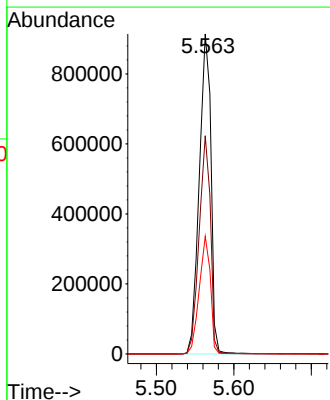
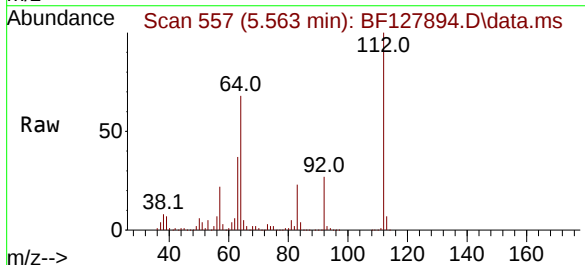
Instrument :
BNA_F
ClientSampleId :
MH-8D

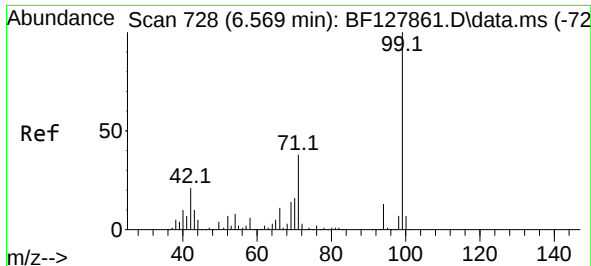
Tgt Ion:152 Resp: 162109
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 64.1 48.8 73.2



#5
2-Fluorophenol
Concen: 94.317 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

Tgt Ion:112 Resp: 959929
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 36.8 26.3 39.5





#7

Phenol-d6

Concen: 94.486 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

Instrument :

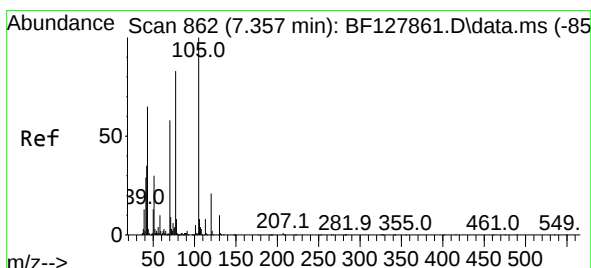
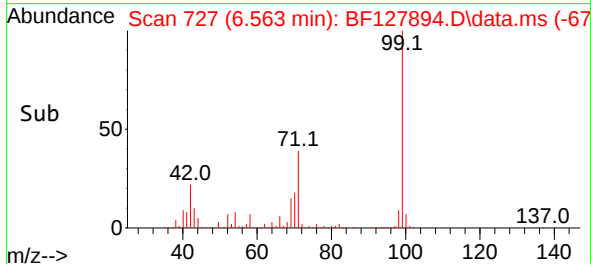
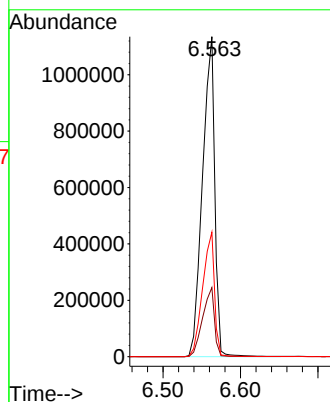
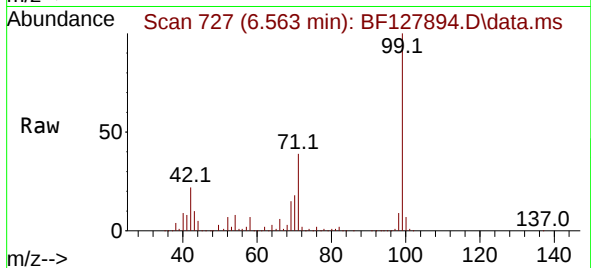
BNA_F

ClientSampleId :

MH-8D

Tgt Ion: 99 Resp: 1247811

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.6	24.8
71	38.9	30.0	45.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.023 ng

RT: 7.504 min Scan# 887

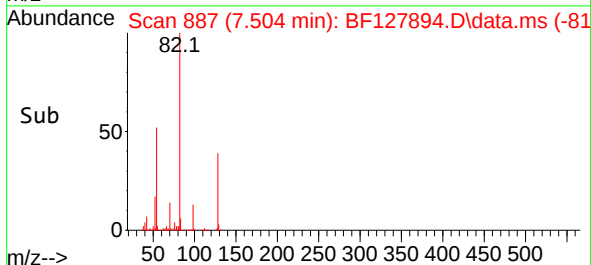
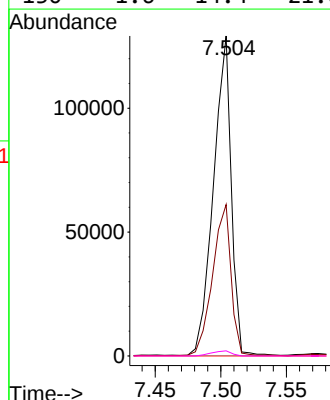
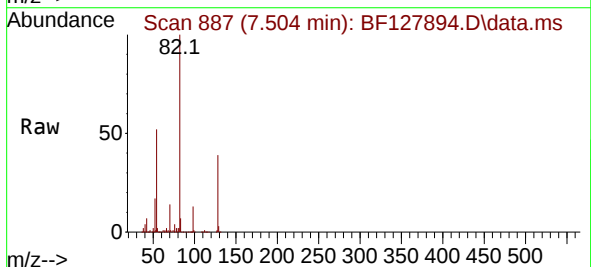
Delta R.T. 0.147 min

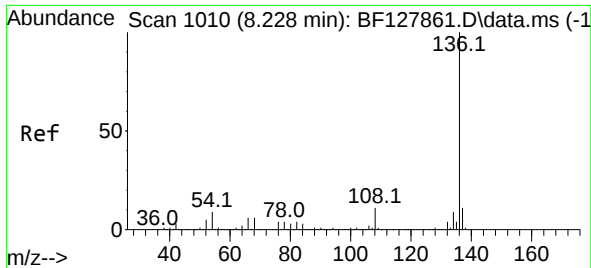
Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

Tgt Ion: 70 Resp: 121448

Ion	Ratio	Lower	Upper
70	100		
42	47.3	48.7	73.1#
101	0.0	7.2	10.8#
130	1.6	14.4	21.6#



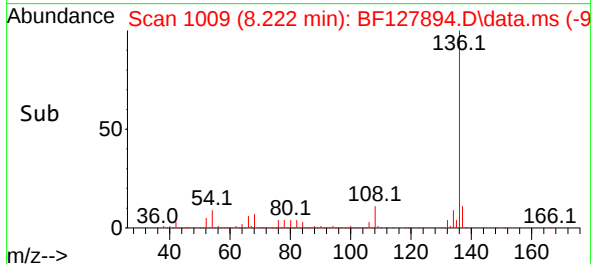
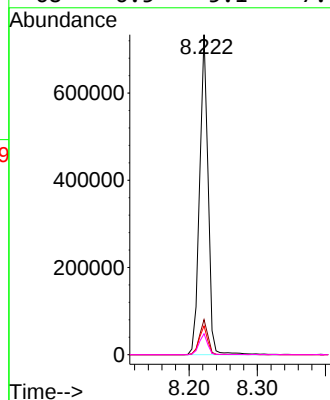
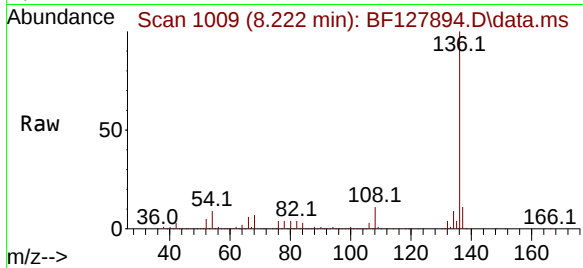


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

Instrument :
BNA_F
ClientSampleId :
MH-8D

Tgt Ion:136 Resp: 635414

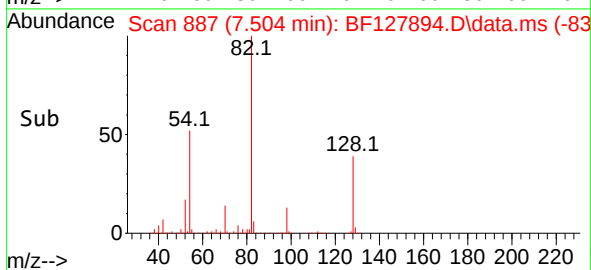
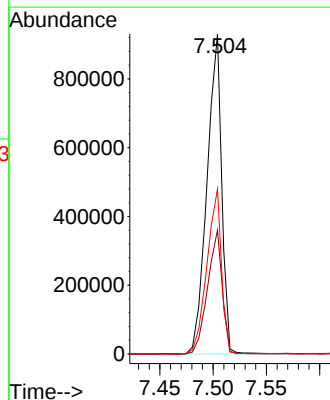
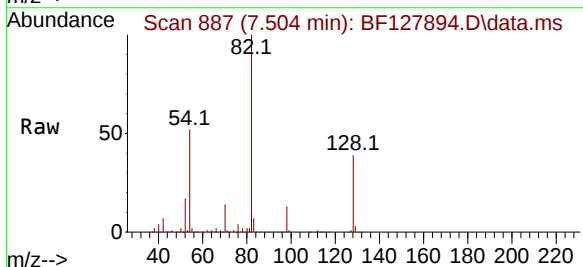
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 66.489 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

Tgt Ion: 82 Resp: 898437

Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.0	45.0
54	51.5	41.3	61.9

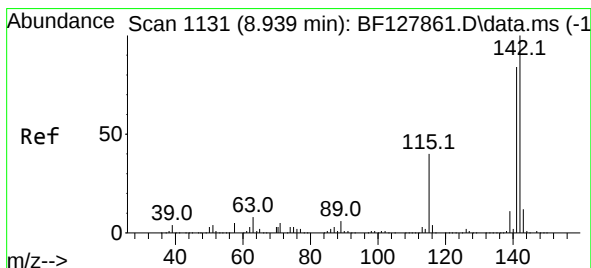
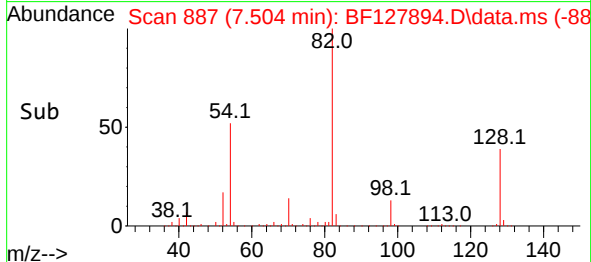
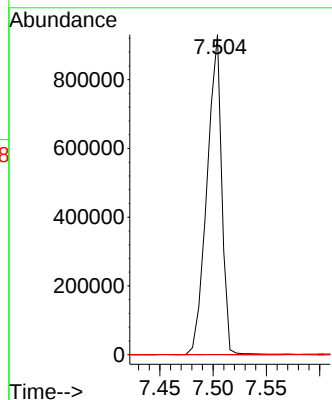
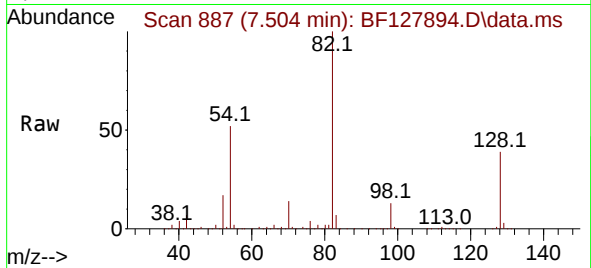




#25
Isophorone
Concen: 39.505 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

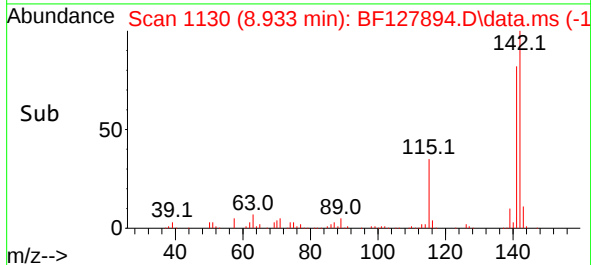
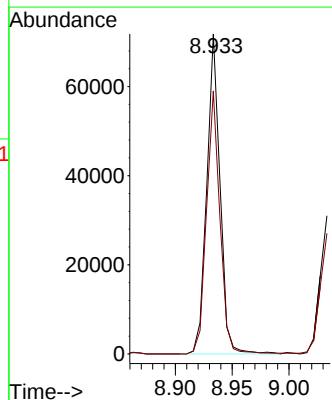
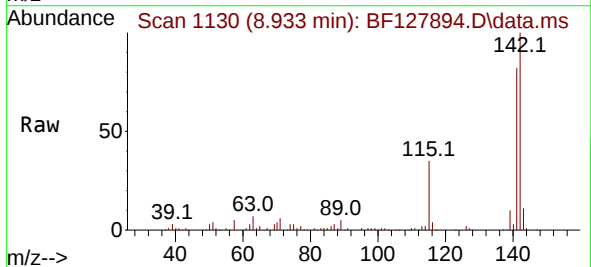
Instrument :
BNA_F
ClientSampleId :
MH-8D

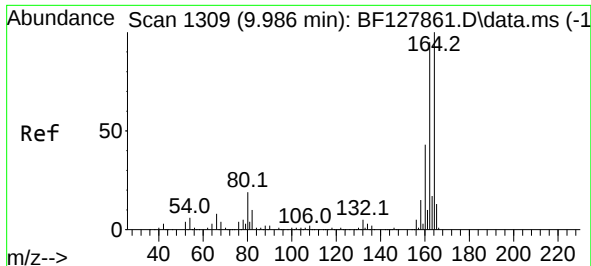
Tgt Ion: 82 Resp: 898437
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#37
2-Methylnaphthalene
Concen: 2.719 ng
RT: 8.933 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

Tgt Ion: 142 Resp: 58151
Ion Ratio Lower Upper
142 100
141 82.2 67.4 101.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

Instrument :

BNA_F

ClientSampleId :

MH-8D

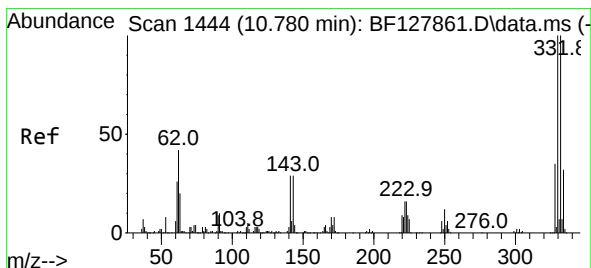
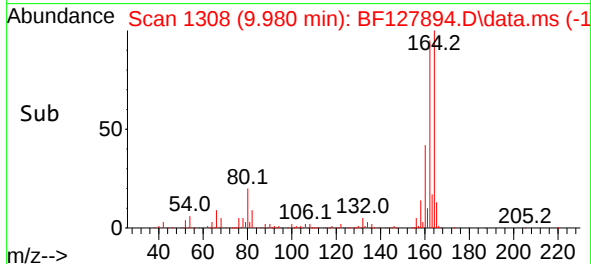
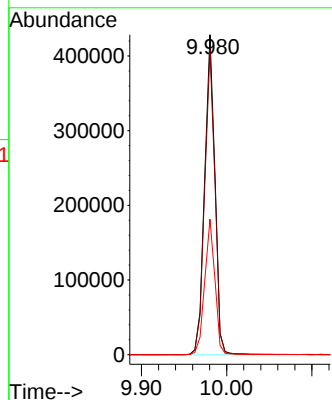
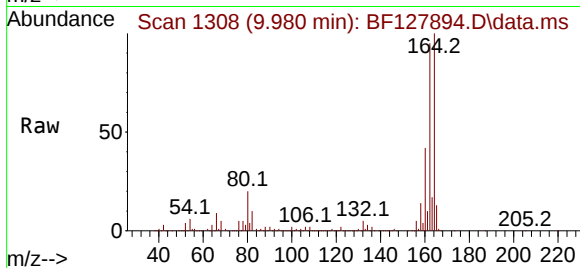
Tgt Ion:164 Resp: 359950

Ion Ratio Lower Upper

164 100

162 95.1 76.0 114.0

160 42.3 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 92.688 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

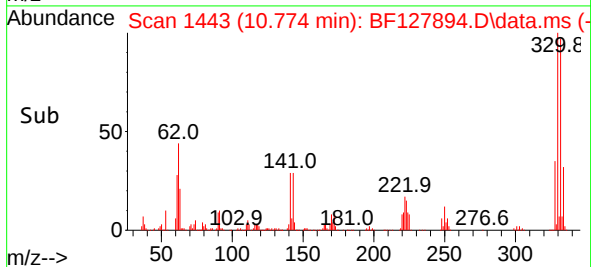
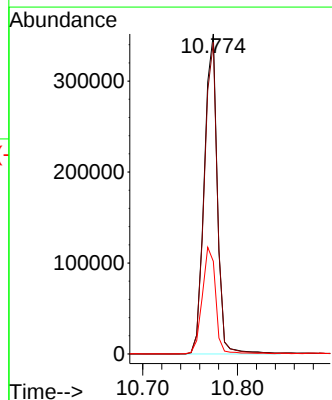
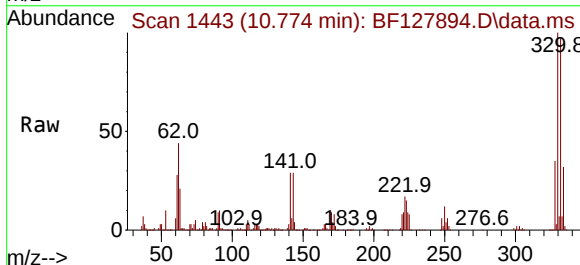
Tgt Ion:330 Resp: 335856

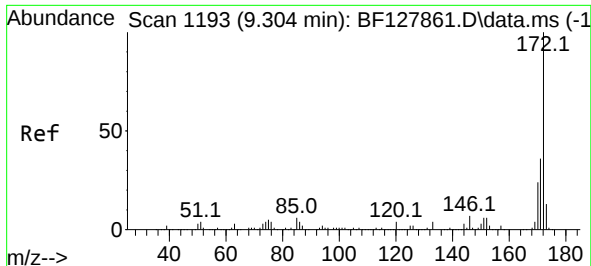
Ion Ratio Lower Upper

330 100

332 98.0 79.0 118.4

141 34.5 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 67.564 ng

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

Instrument :

BNA_F

ClientSampleId :

MH-8D

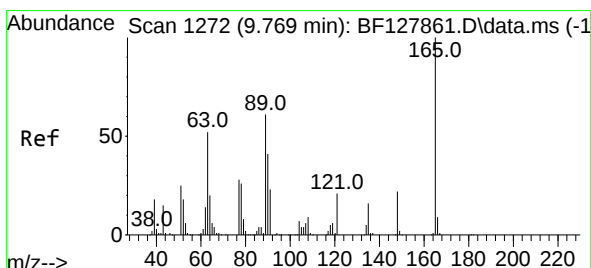
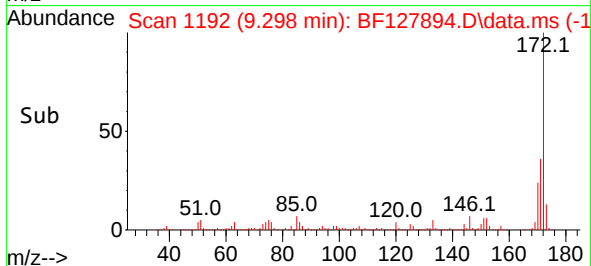
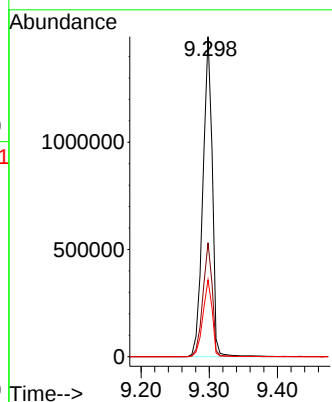
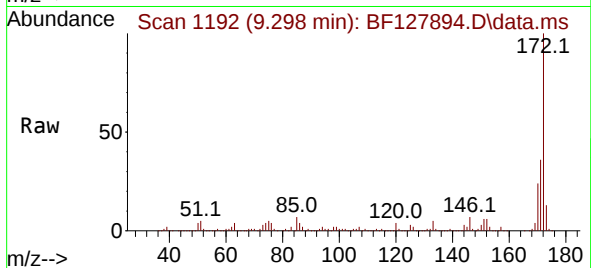
Tgt Ion:172 Resp: 1437544

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 24.0 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.323 ng

RT: 9.980 min Scan# 1308

Delta R.T. 0.211 min

Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

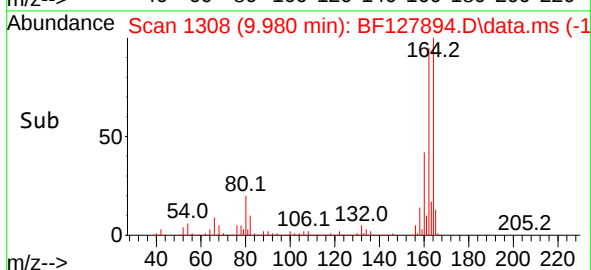
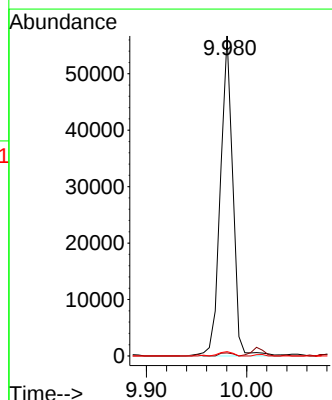
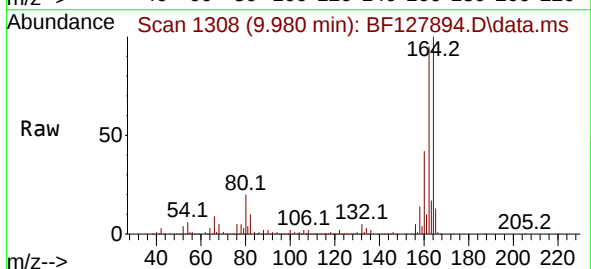
Tgt Ion:165 Resp: 48726

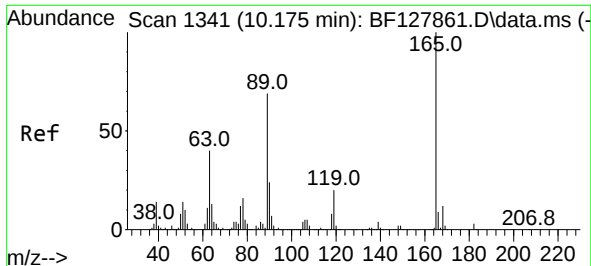
Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.3 49.0 73.4#

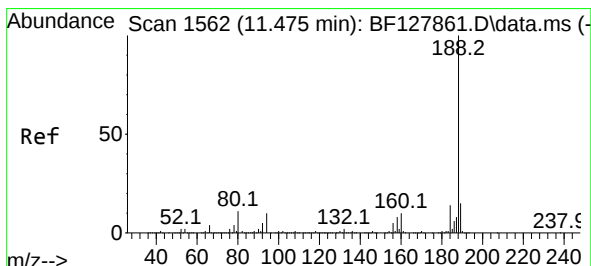
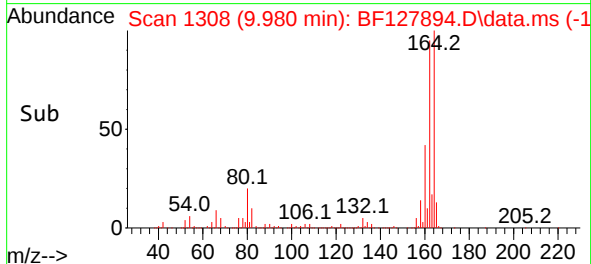
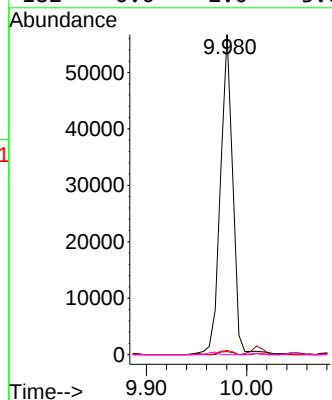
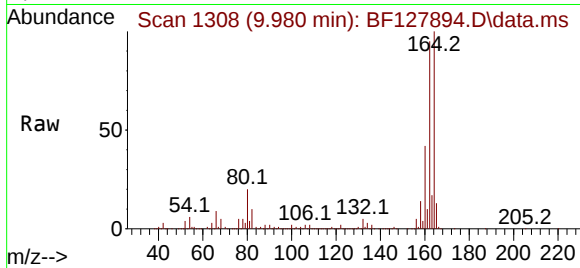




#57
2,4-Dinitrotoluene
Concen: 7.038 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

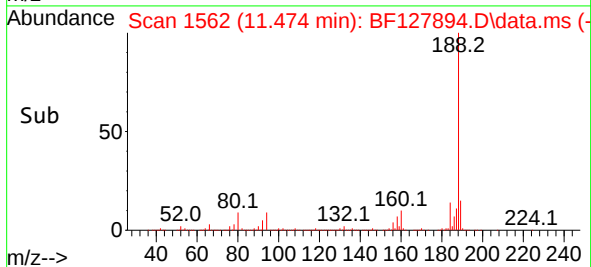
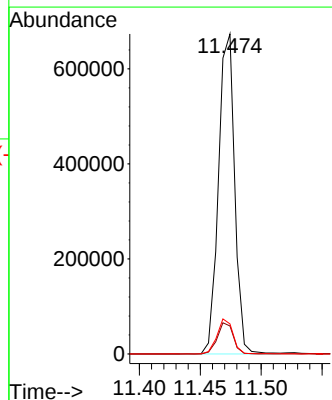
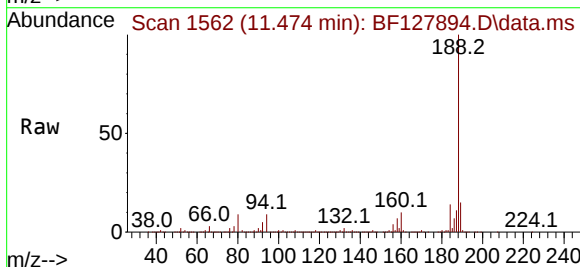
Instrument :
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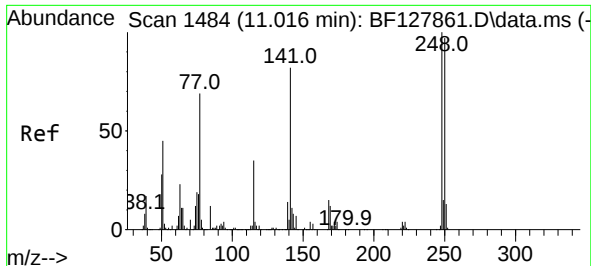
Tgt Ion:165 Resp: 48726
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

Tgt Ion:188 Resp: 626552
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.4 8.9 13.3

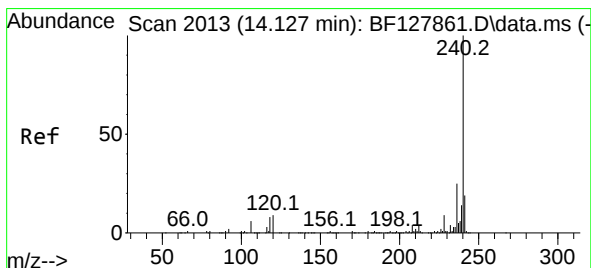
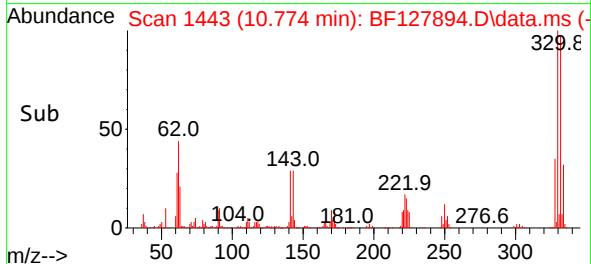
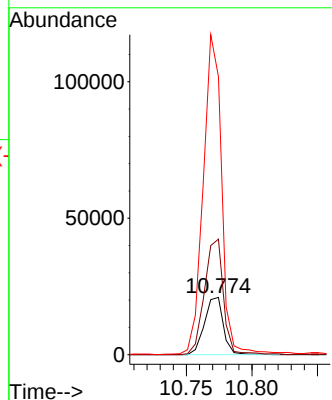
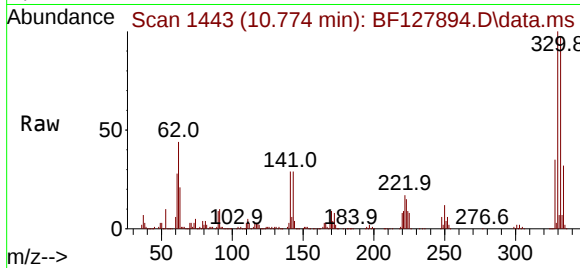




#67
4-Bromophenyl-phenylether
Concen: 3.031 ng
RT: 10.774 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

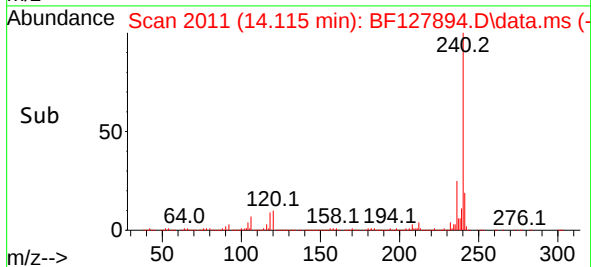
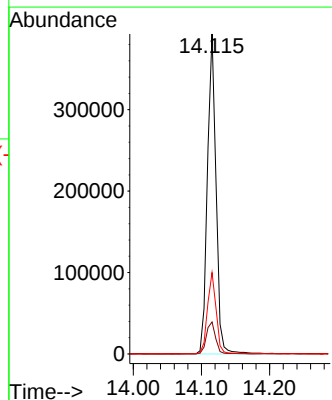
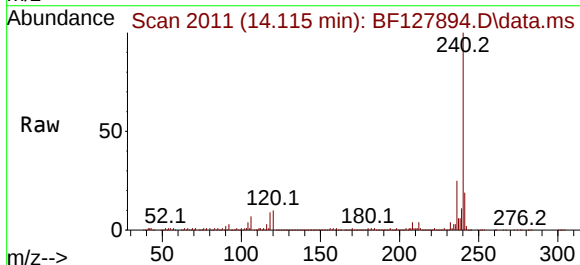
Instrument :
BNA_F
ClientSampleId :
MH-8D

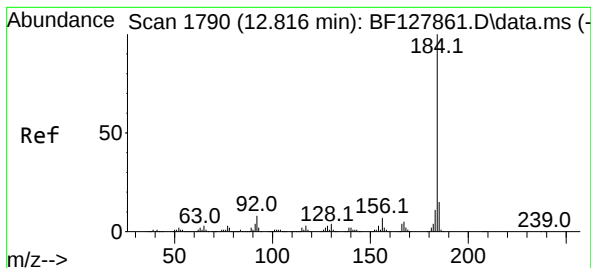
Tgt Ion:248 Resp: 21053
Ion Ratio Lower Upper
248 100
250 201.8 77.7 116.5#
141 486.0 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127894.D
Acq: 25 Apr 2022 21:46

Tgt Ion:240 Resp: 347736
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.4 20.3 30.5





#77

Benzidine

Concen: 2.934 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

Instrument :

BNA_F

ClientSampleId :

MH-8D

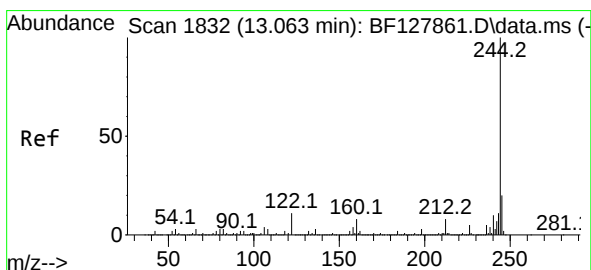
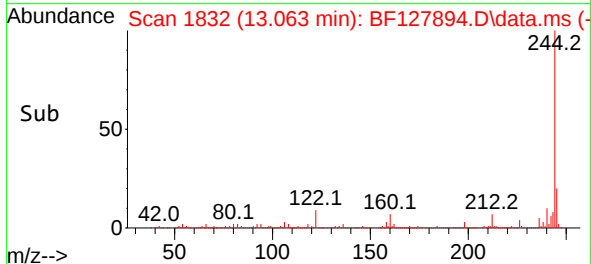
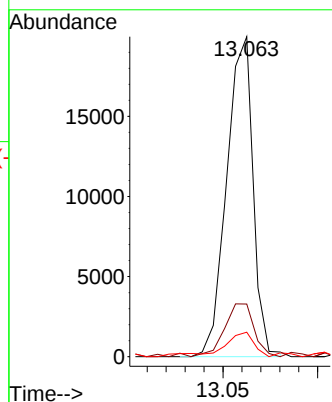
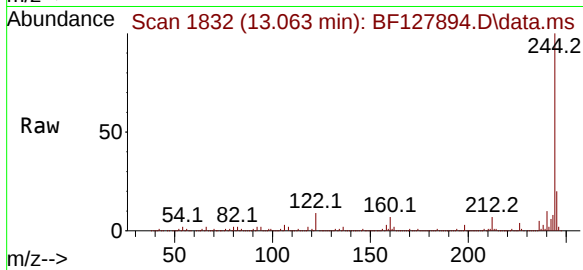
Tgt Ion:184 Resp: 19307

Ion Ratio Lower Upper

184 100

185 16.4 12.1 18.1

183 7.7 9.0 13.4#



#79

Terphenyl-d14

Concen: 73.211 ng

RT: 13.063 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BF127894.D

Acq: 25 Apr 2022 21:46

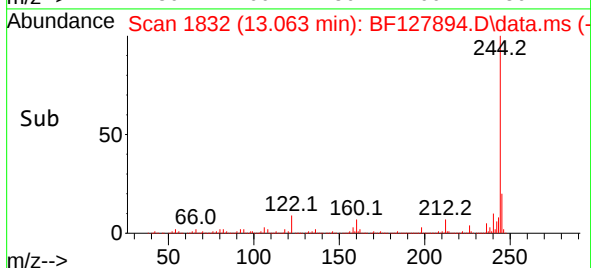
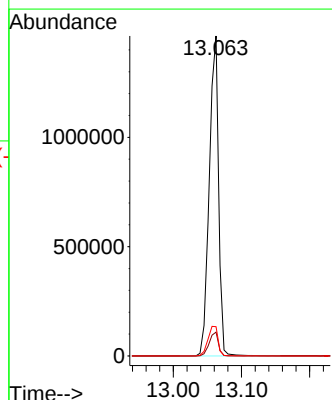
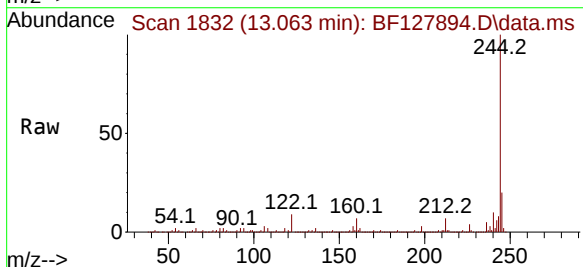
Tgt Ion:244 Resp: 1392248

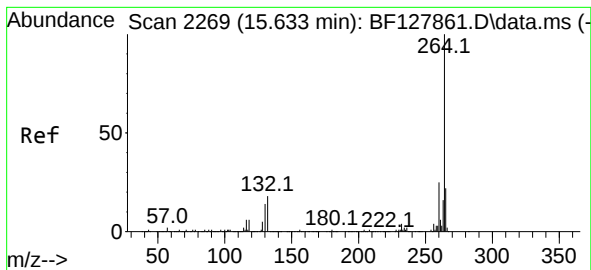
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 9.2 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: BF127894.D

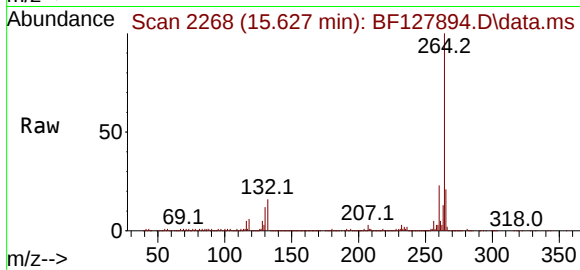
Acq: 25 Apr 2022 21:46

Instrument :

BNA_F

ClientSampleId :

MH-8D



Tgt Ion:264 Resp: 340159

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

265 21.2 17.5 26.3

