

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127891.D
 Acq On : 25 Apr 2022 20:20
 Operator : CG\JU
 Sample : N2532-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELI-CON

Quant Time: Apr 26 05:40:22 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)

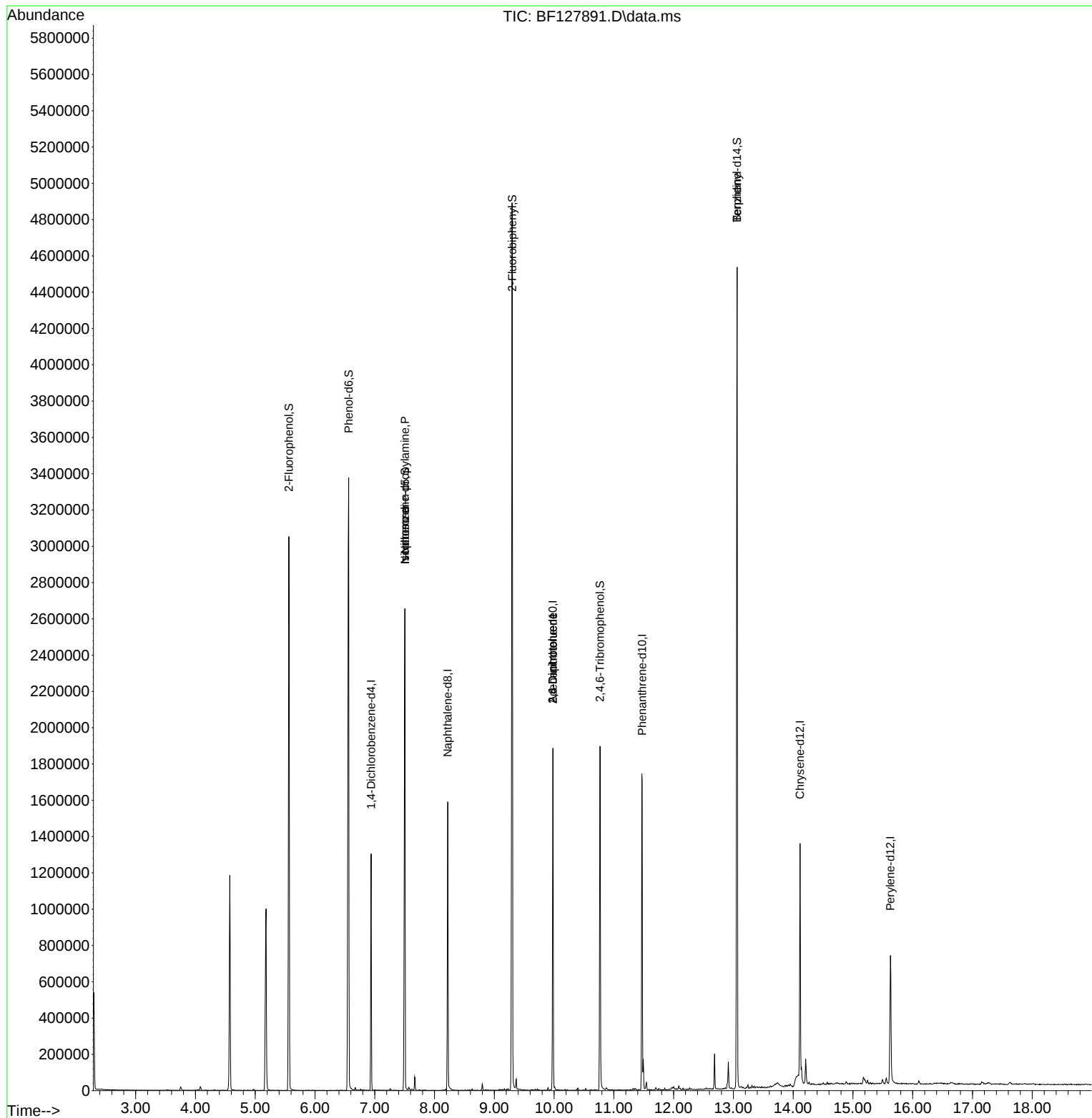
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	165779	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	660967	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	378311	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	680366	20.000	ng	0.00
76) Chrysene-d12	14.115	240	426933	20.000	ng	-0.01
86) Perylene-d12	15.627	264	340656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	816236	78.423	ng	0.00
7) Phenol-d6	6.563	99	1232185	91.237	ng	0.00
23) Nitrobenzene-d5	7.504	82	926291	65.900	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	206290	54.168	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	1533441	68.573	ng	0.00
79) Terphenyl-d14	13.063	244	1712675	73.354	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.504	70	124837	15.100	ng	# 81
25) Isophorone	7.504	82	926280	39.154	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	48576	8.843	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	48576	6.676	ng	# 26
77) Benzidine	13.063	184	24299	3.008	ng	# 92

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

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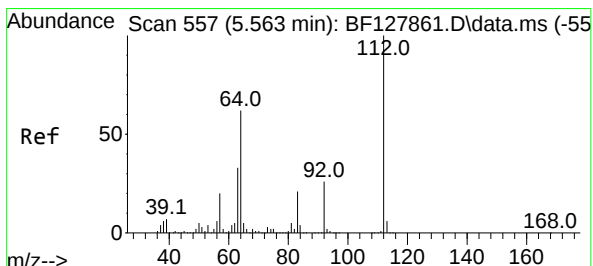
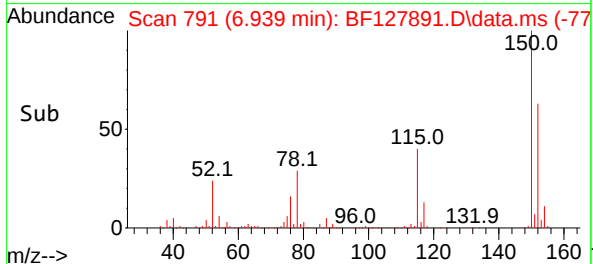
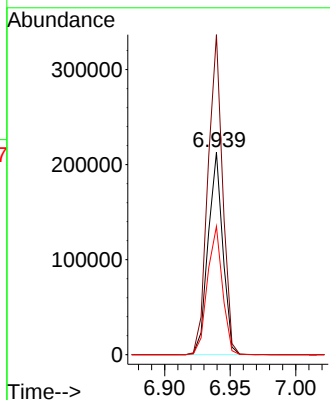
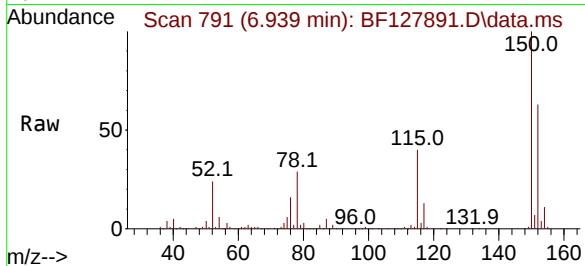




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF127891.D
 Acq: 25 Apr 2022 20:20

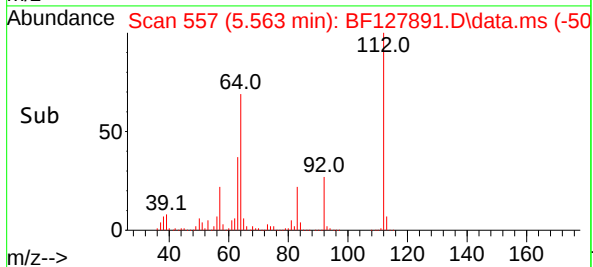
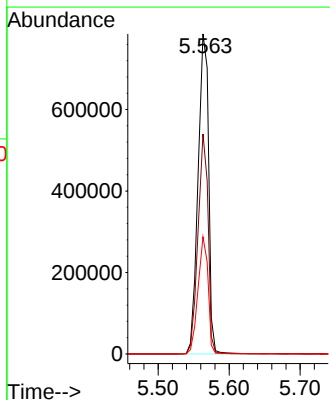
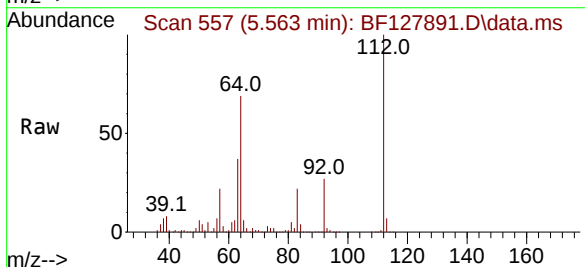
Instrument :
 BNA_F
 ClientSampleId :
 ELI-CON

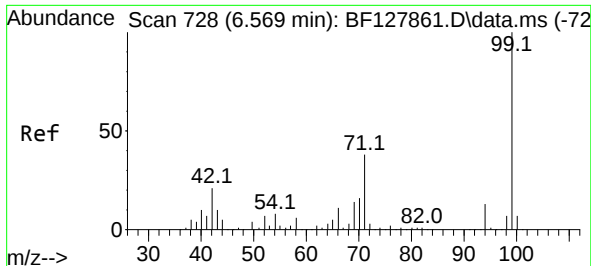
Tgt Ion:152 Resp: 165779
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 63.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 78.423 ng
 RT: 5.563 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: BF127891.D
 Acq: 25 Apr 2022 20:20

Tgt Ion:112 Resp: 816236
 Ion Ratio Lower Upper
 112 100
 64 68.8 49.5 74.3
 63 36.6 26.3 39.5

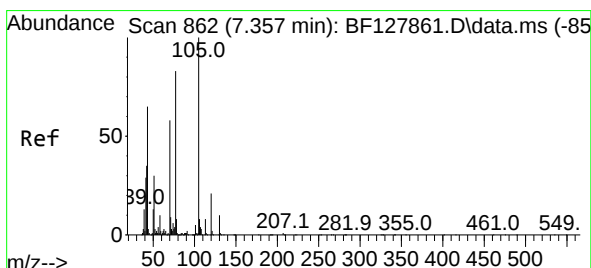
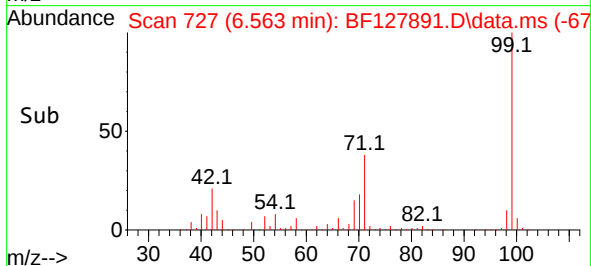
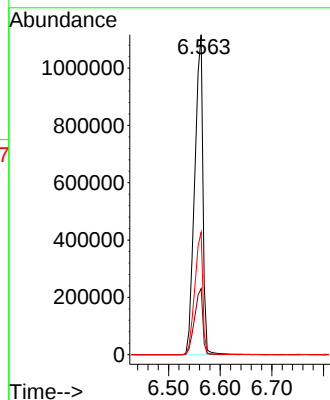
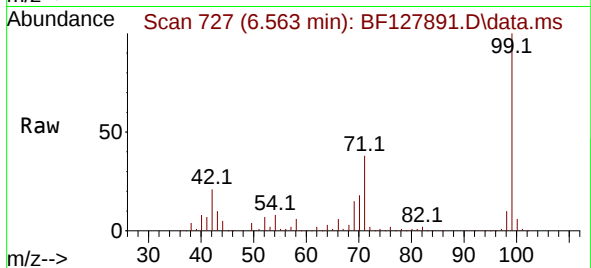




#7
Phenol-d6
Concen: 91.237 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

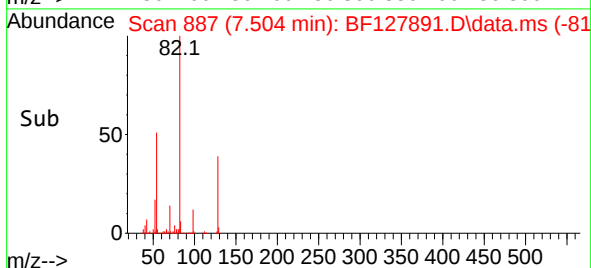
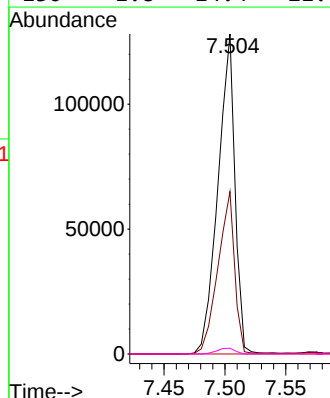
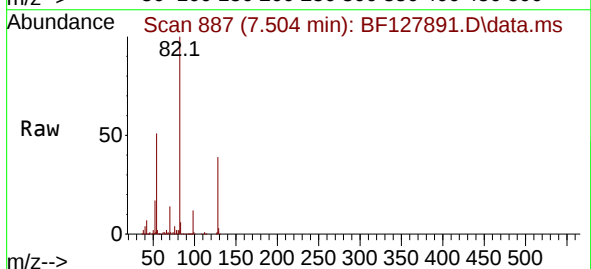
Instrument :
BNA_F
ClientSampleId :
ELI-CON

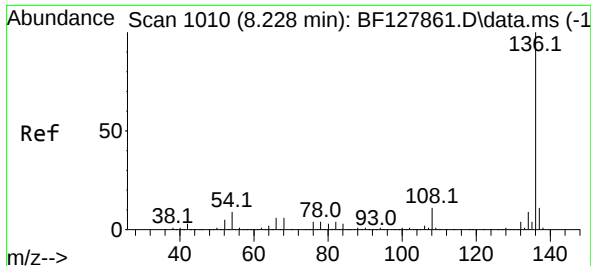
Tgt Ion: 99 Resp: 1232185
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 38.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.100 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

Tgt Ion: 70 Resp: 124837
Ion Ratio Lower Upper
70 100
42 50.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

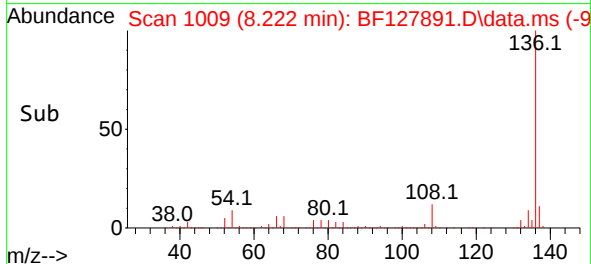
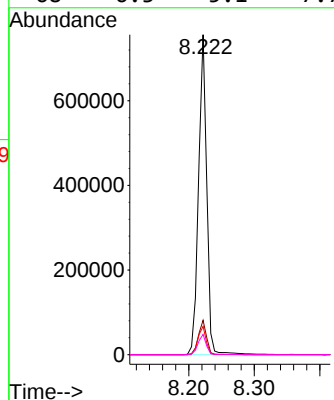
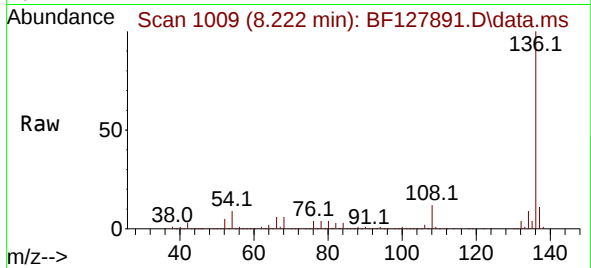




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

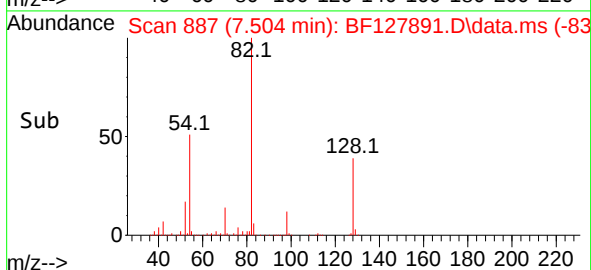
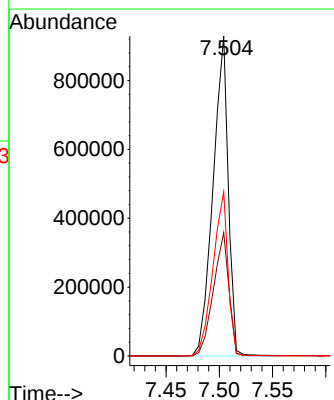
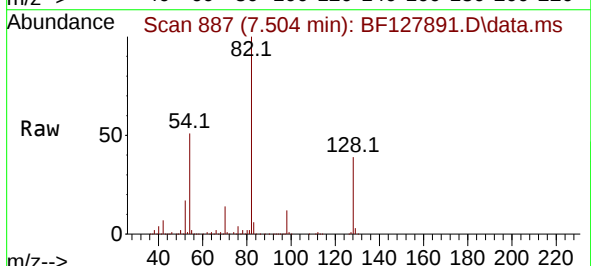
Instrument :
BNA_F
ClientSampleId :
ELI-CON

Tgt Ion:	136	Resp:	660967
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.9	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 65.900 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

Tgt Ion:	82	Resp:	926291
Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.0	45.0
54	51.3	41.3	61.9

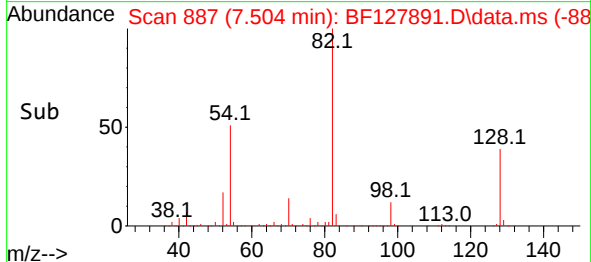
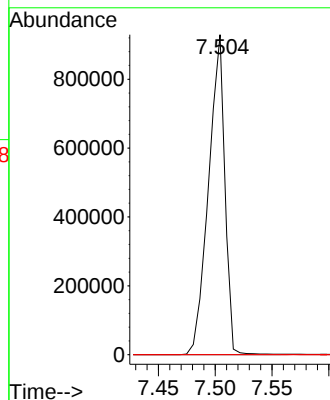
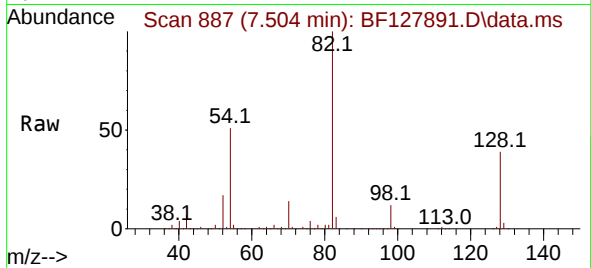




#25
Isophorone
Concen: 39.154 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

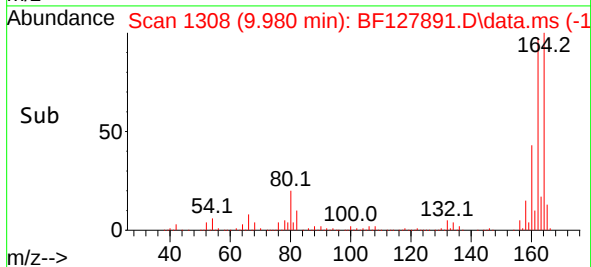
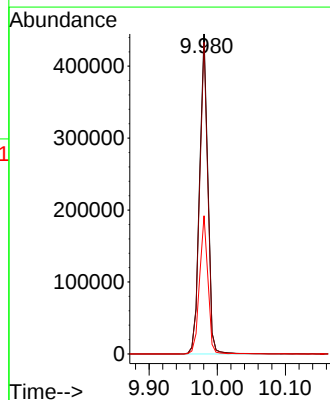
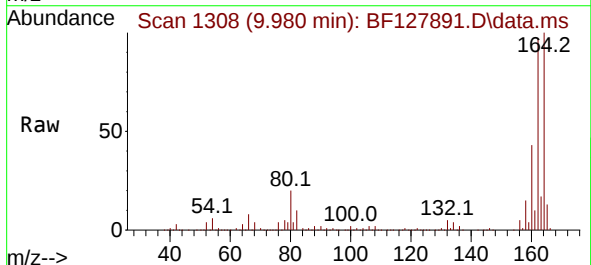
Instrument :
BNA_F
ClientSampleId :
ELI-CON

Tgt Ion: 82 Resp: 926280
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: BF127891.D
Acq: 25 Apr 2022 20:20

Tgt Ion: 164 Resp: 378311
Ion Ratio Lower Upper
164 100
162 97.4 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 54.168 ng

RT: 10.769 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF127891.D

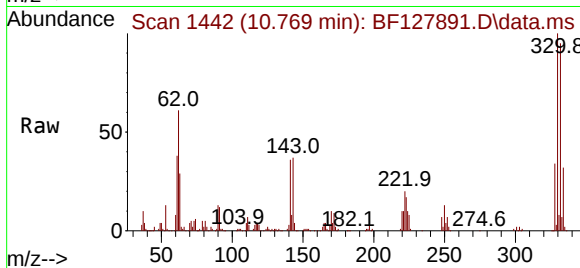
Acq: 25 Apr 2022 20:20

Instrument :

BNA_F

ClientSampleId :

ELI-CON



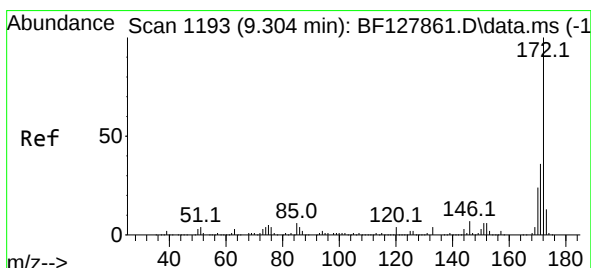
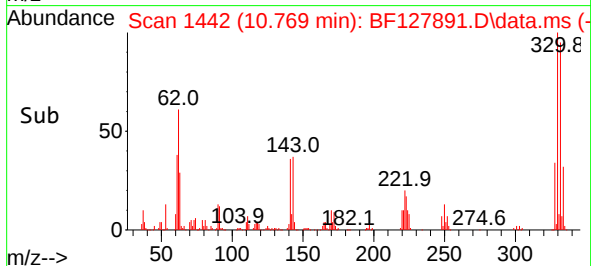
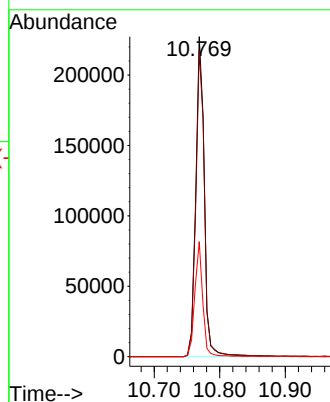
Tgt Ion:330 Resp: 206290

Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.573 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127891.D

Acq: 25 Apr 2022 20:20

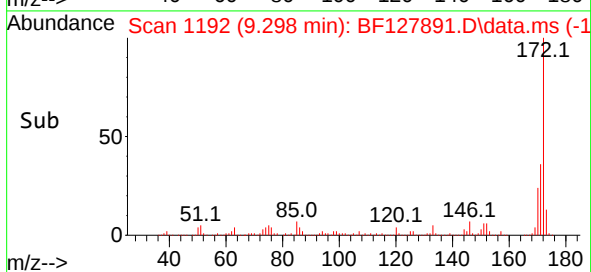
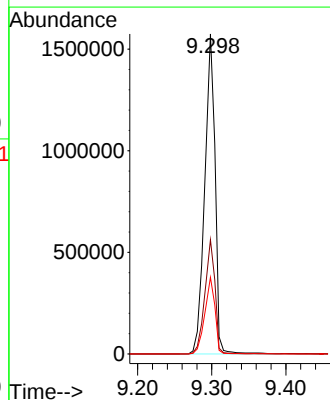
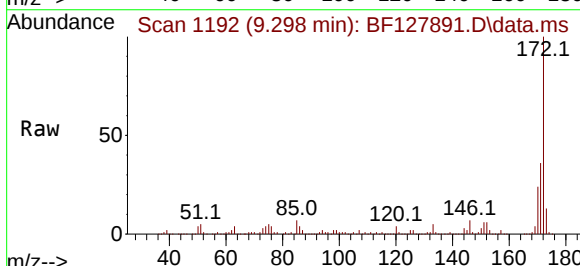
Tgt Ion:172 Resp: 1533441

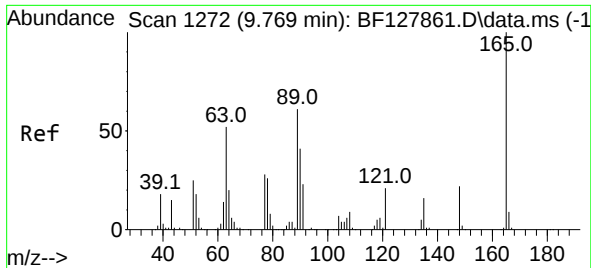
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.9 19.1 28.7

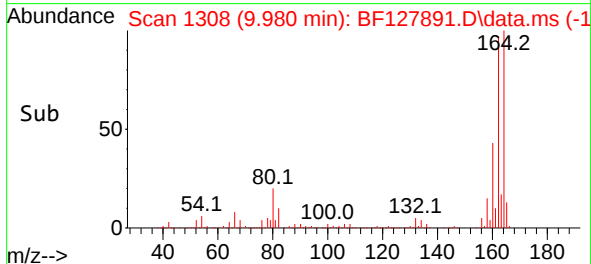
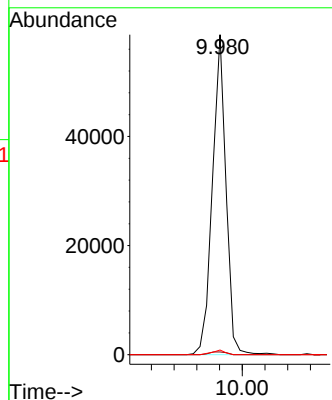
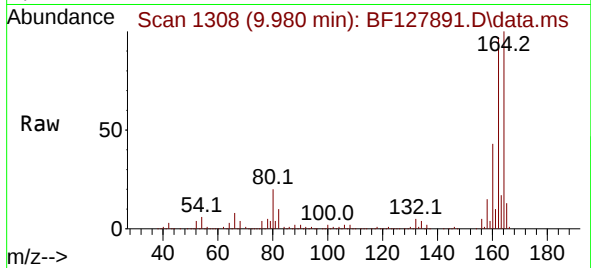




#51
2,6-Dinitrotoluene
Concen: 8.843 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

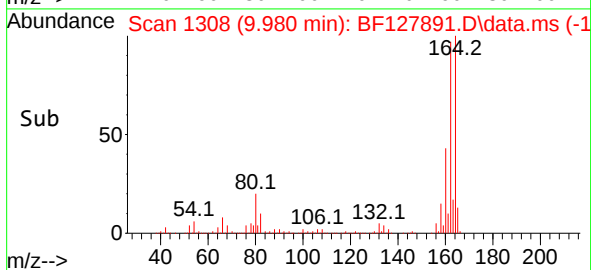
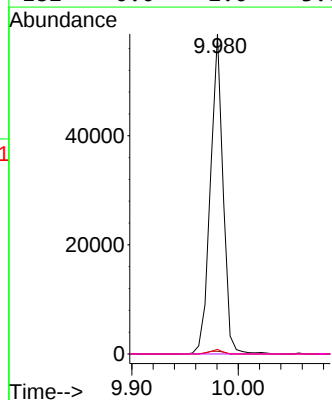
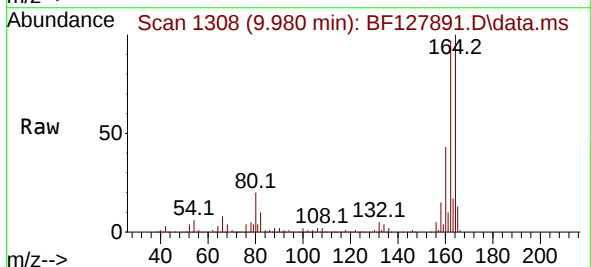
Instrument :
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ELI-CON

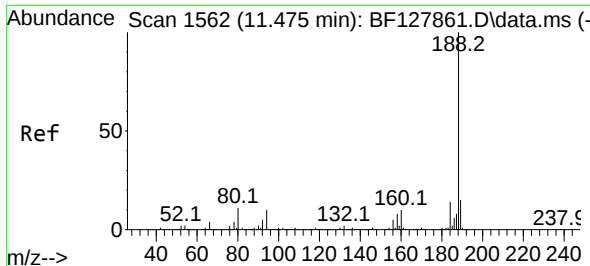
Tgt Ion:165 Resp: 48576
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.676 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

Tgt Ion:165 Resp: 48576
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

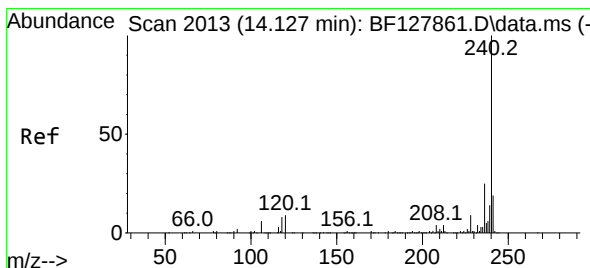
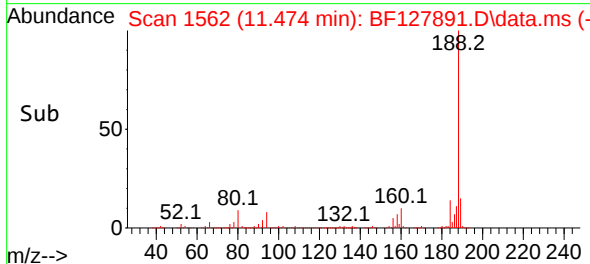
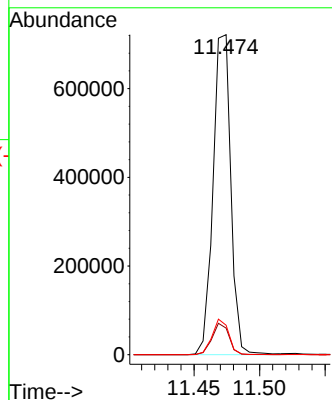
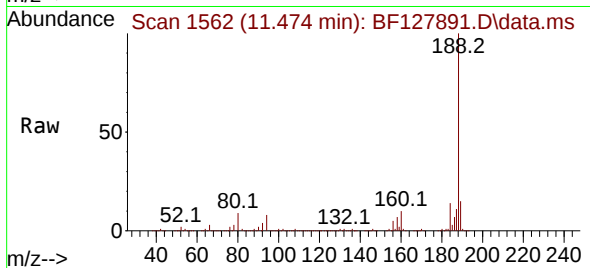




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

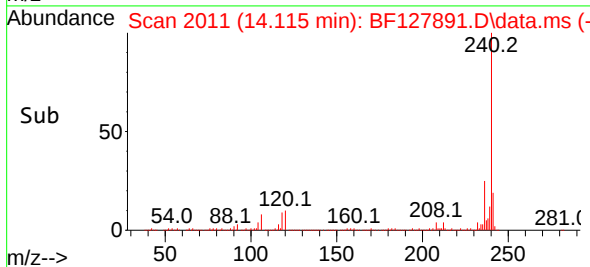
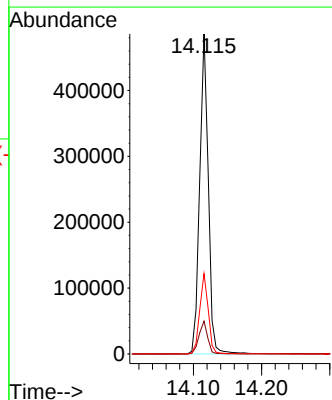
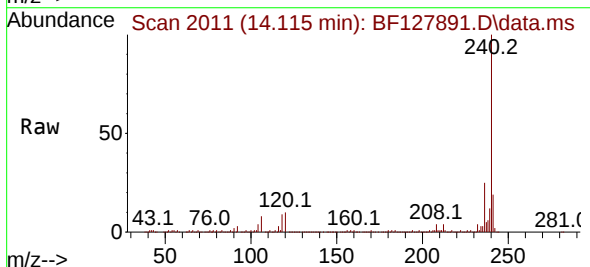
Instrument :
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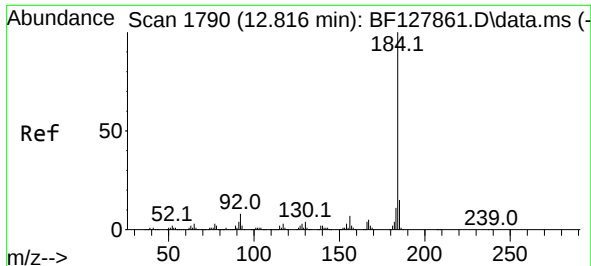
Tgt Ion:188 Resp: 680366
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

Tgt Ion:240 Resp: 426933
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 25.1 20.3 30.5

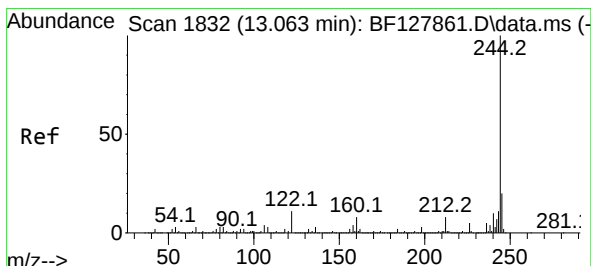
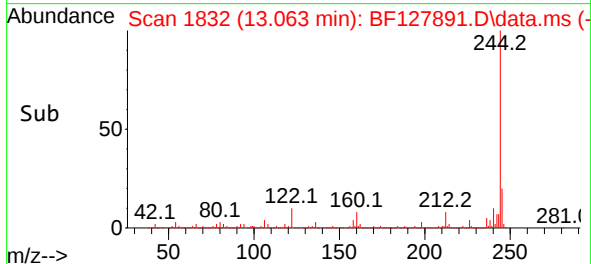
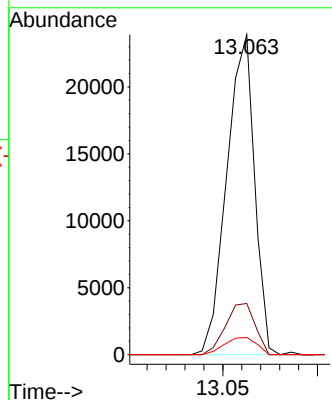
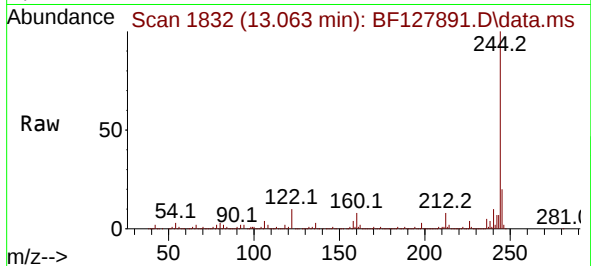




#77
Benzidine
Concen: 3.008 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

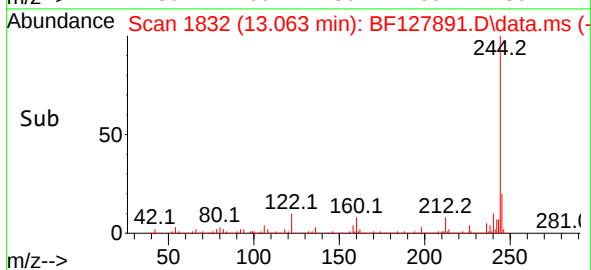
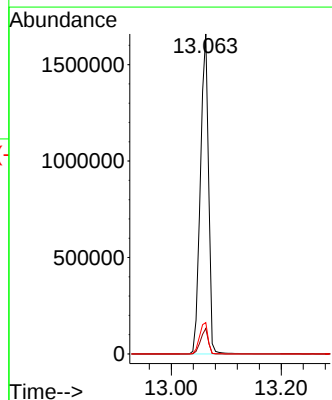
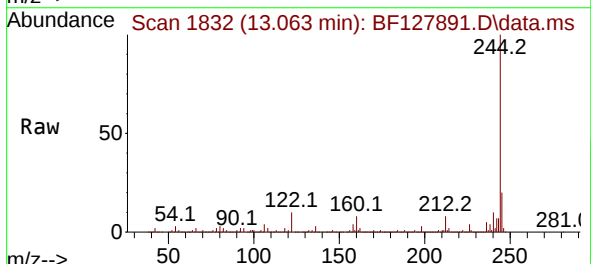
Instrument :
BNA_F
ClientSampleId :
ELI-CON

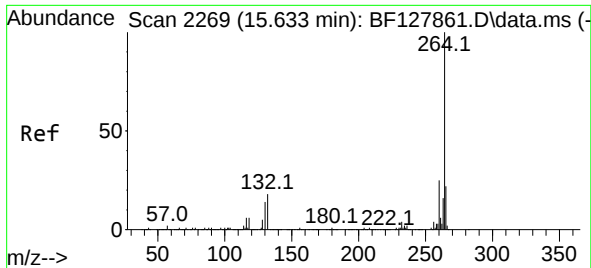
Tgt Ion:184 Resp: 24299
Ion Ratio Lower Upper
184 100
185 16.0 12.1 18.1
183 5.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 73.354 ng
RT: 13.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

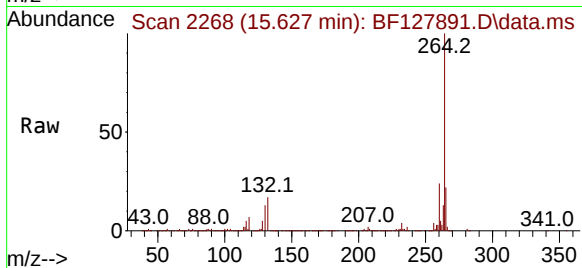
Tgt Ion:244 Resp: 1712675
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 9.8 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127891.D
Acq: 25 Apr 2022 20:20

Instrument :
BNA_F
ClientSampleId :
ELI-CON



Tgt Ion:264 Resp: 340656
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 21.7 17.5 26.3

