

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127892.D
 Acq On : 25 Apr 2022 20:49
 Operator : CG\JU
 Sample : N2548-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Apr 26 05:40:31 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)

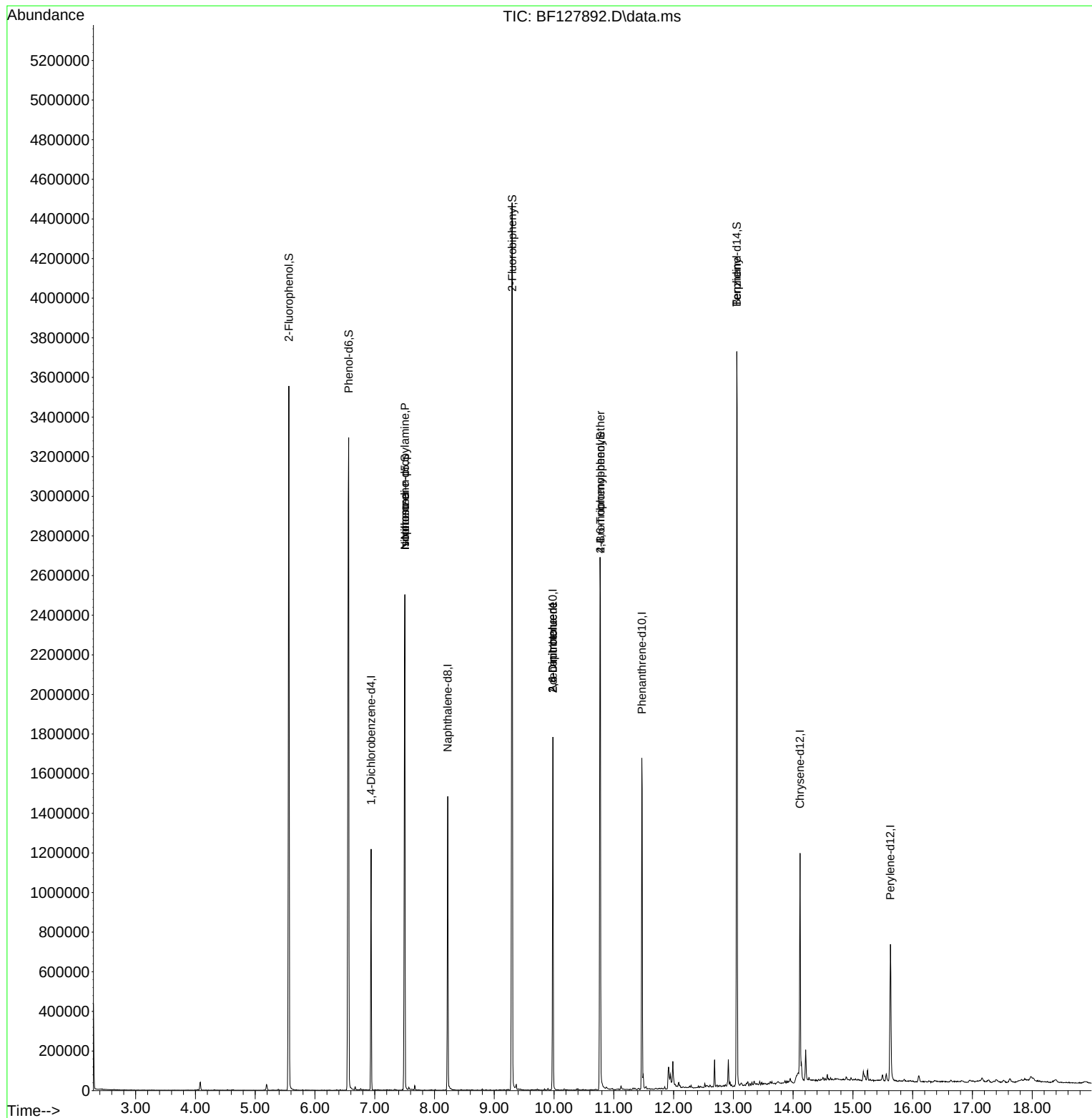
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	157244	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	621390	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	357260	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	644158	20.000	ng	0.00
76) Chrysene-d12	14.116	240	372881	20.000	ng	-0.01
86) Perylene-d12	15.627	264	321359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	949938	96.223	ng	0.00
7) Phenol-d6	6.563	99	1225764	95.688	ng	0.00
23) Nitrobenzene-d5	7.504	82	882582	66.790	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	340816	94.765	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1390267	65.834	ng	0.00
79) Terphenyl-d14	13.057	244	1376103	67.482	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	120116	15.318	ng	# 77
25) Isophorone	7.504	82	882572	39.683	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	46483	8.960	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	46483	6.765	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	21372	2.993	ng	# 1
77) Benzidine	13.057	184	19394	2.749	ng	# 92

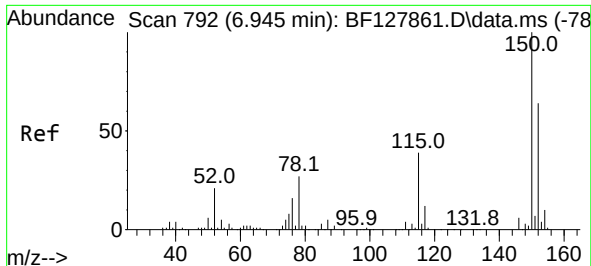
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127892.D
Acq On : 25 Apr 2022 20:49
Operator : CG\JU
Sample : N2548-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11

Quant Time: Apr 26 05:40:31 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

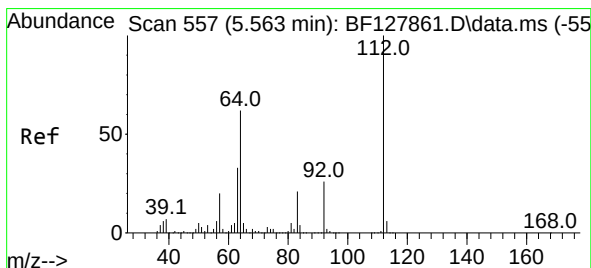
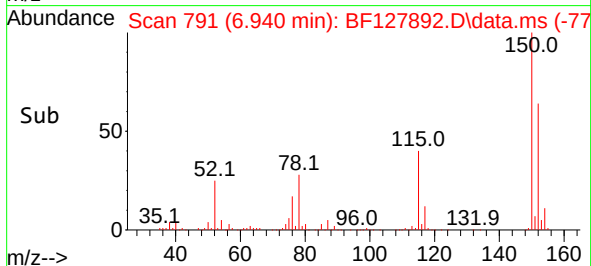
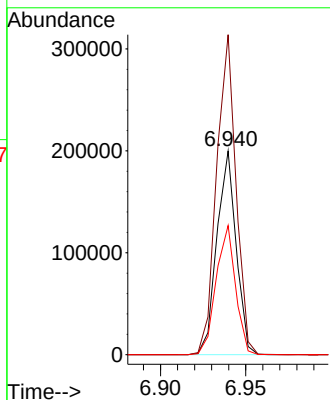
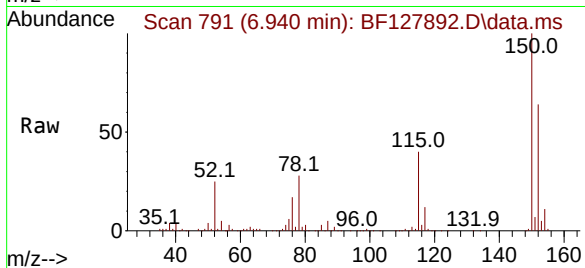




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 792
 Delta R.T. -0.005 min
 Lab File: BF127892.D
 Acq: 25 Apr 2022 20:49

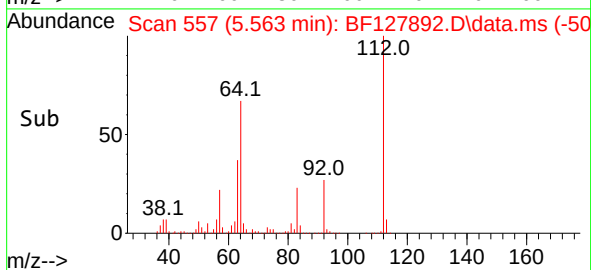
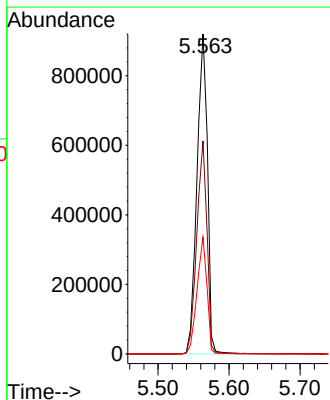
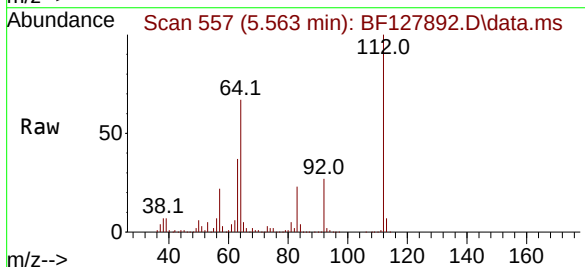
Instrument :
 BNA_F
 ClientSampleId :
 TP-11

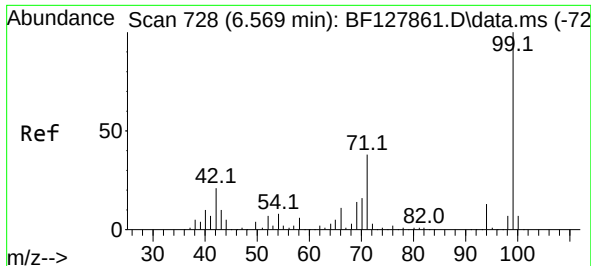
Tgt Ion:152 Resp: 157244
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.3 187.9
 115 63.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 96.223 ng
 RT: 5.563 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF127892.D
 Acq: 25 Apr 2022 20:49

Tgt Ion:112 Resp: 949938
 Ion Ratio Lower Upper
 112 100
 64 66.6 49.5 74.3
 63 36.5 26.3 39.5

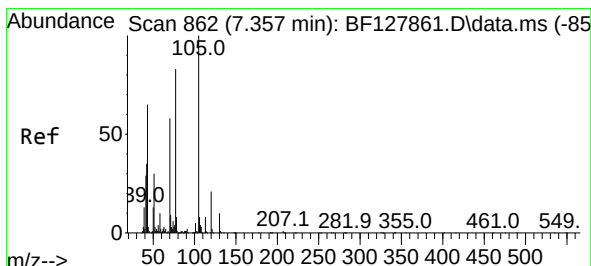
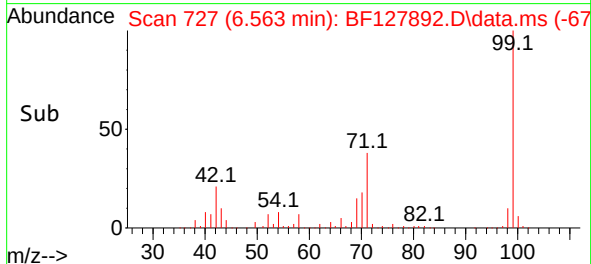
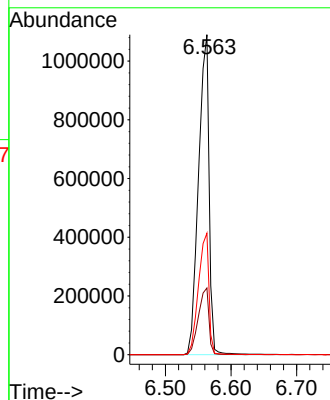
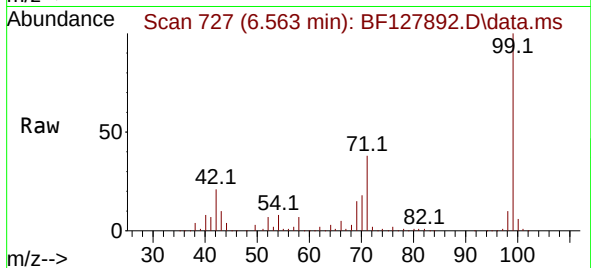




#7
Phenol-d6
Concen: 95.688 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

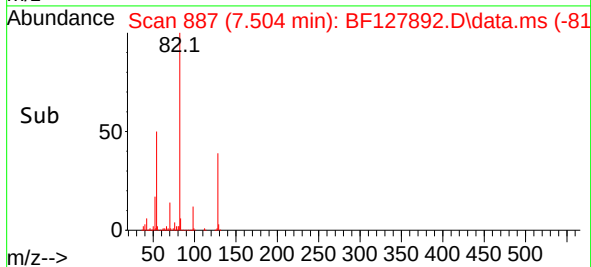
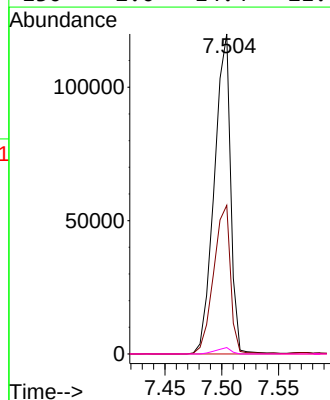
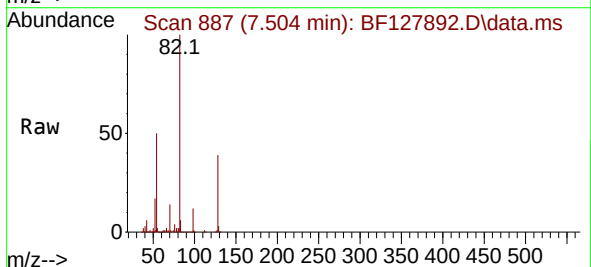
Instrument :
BNA_F
ClientSampleId :
TP-11

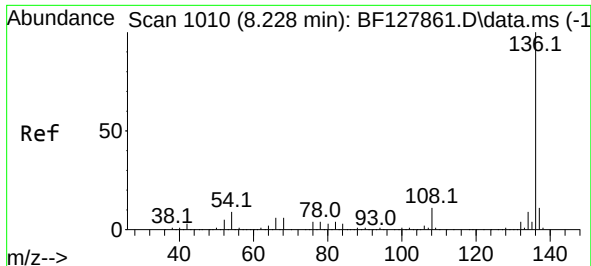
Tgt Ion: 99 Resp: 1225764
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.318 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

Tgt Ion: 70 Resp: 120116
Ion Ratio Lower Upper
70 100
42 46.5 48.7 73.1#
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

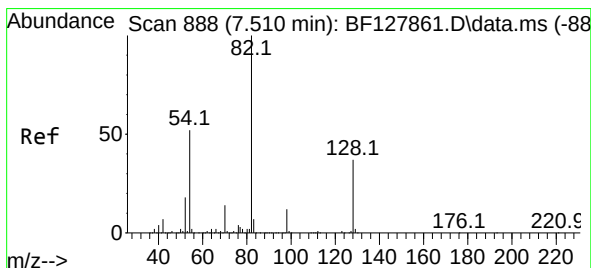
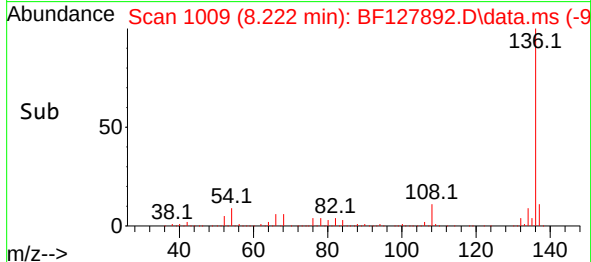
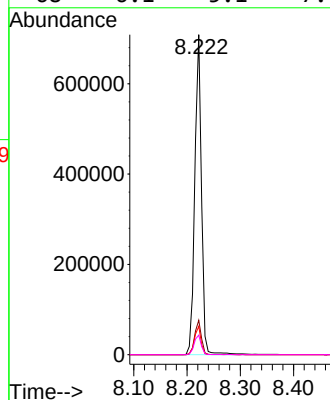
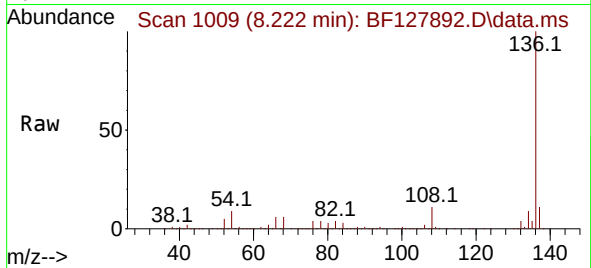




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

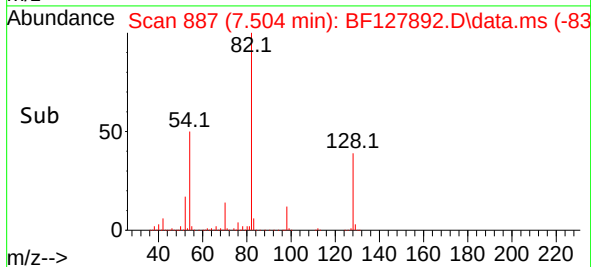
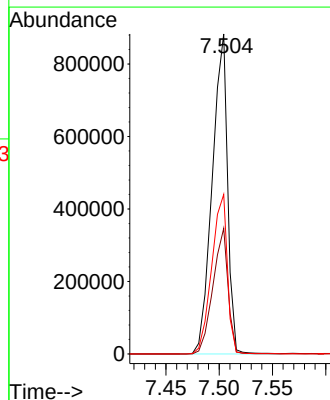
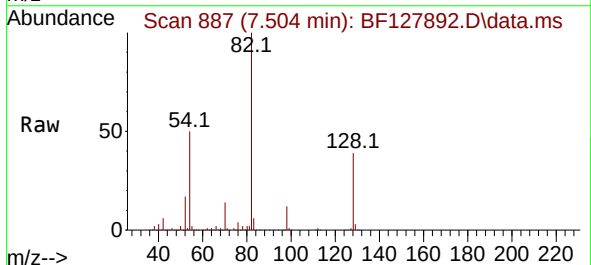
Instrument :
BNA_F
ClientSampleId :
TP-11

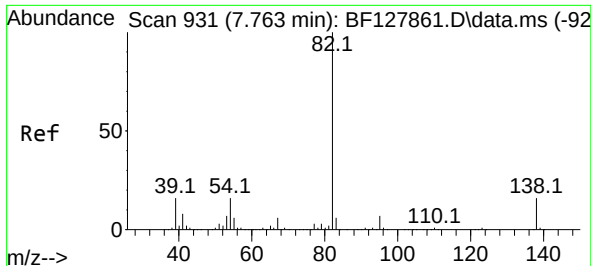
Tgt Ion:136	Resp: 621390
Ion Ratio	Lower Upper
136	100
137	10.7 8.6 13.0
54	8.8 6.8 10.2
68	6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 66.790 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

Tgt Ion: 82	Resp: 882582
Ion Ratio	Lower Upper
82	100
128	39.3 30.0 45.0
54	49.9 41.3 61.9

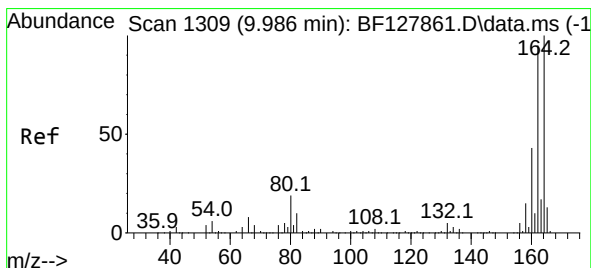
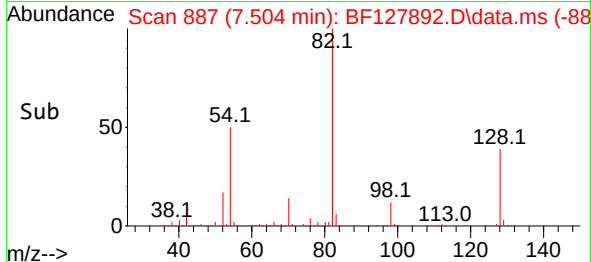
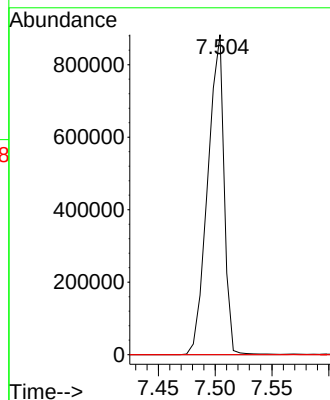
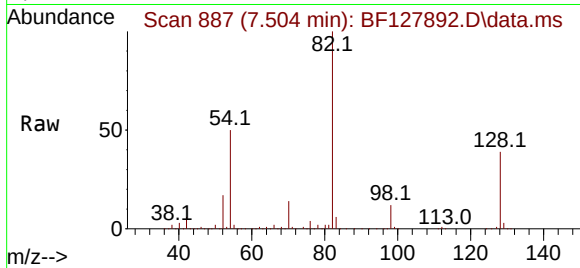




#25
Isophorone
Concen: 39.683 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

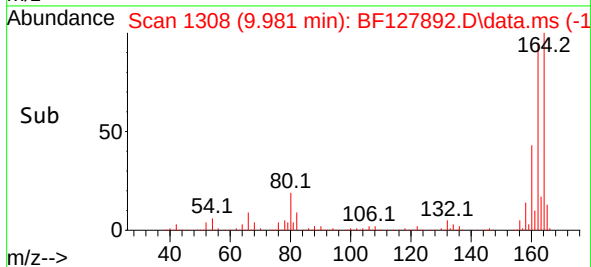
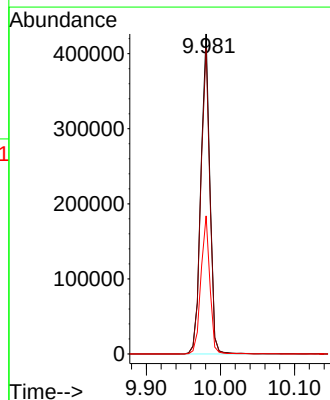
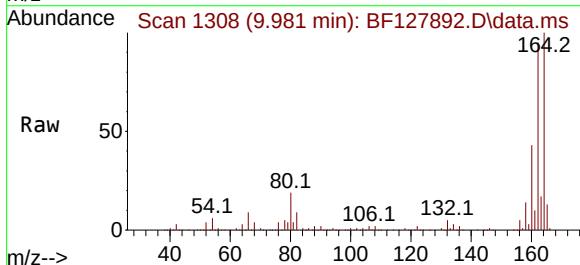
Instrument :
BNA_F
ClientSampleId :
TP-11

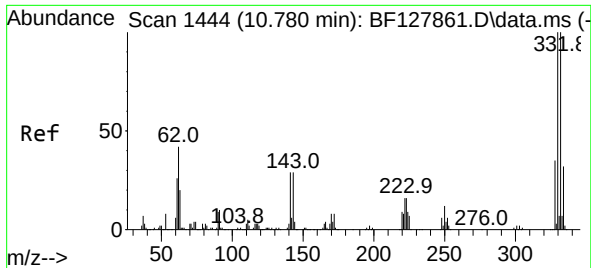
Tgt Ion: 82 Resp: 882572
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

Tgt Ion: 164 Resp: 357260
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 43.2 34.8 52.2

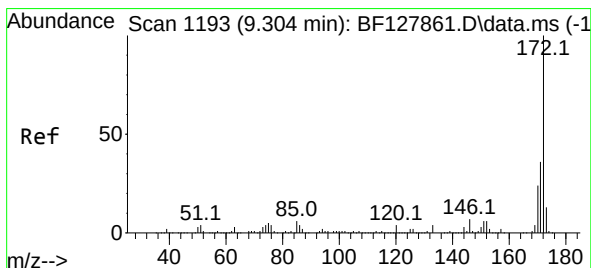
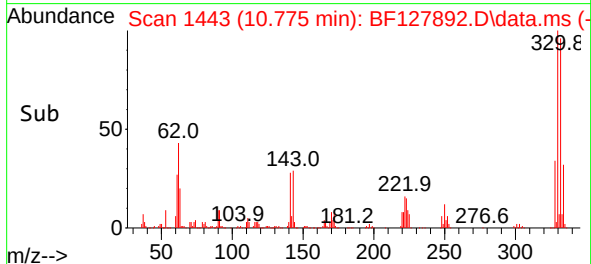
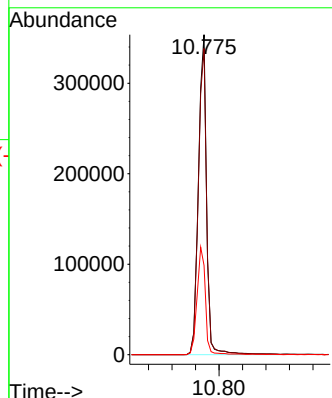
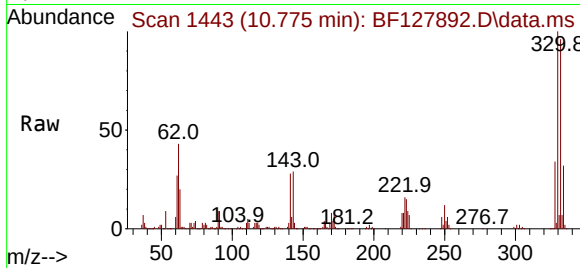




#42
2,4,6-Tribromophenol
Concen: 94.765 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

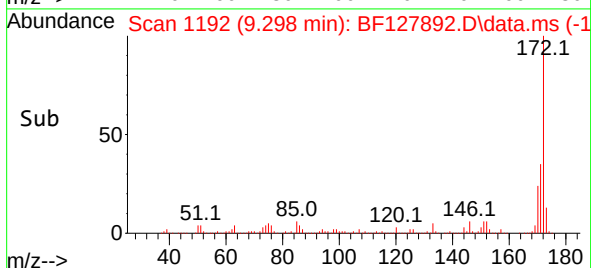
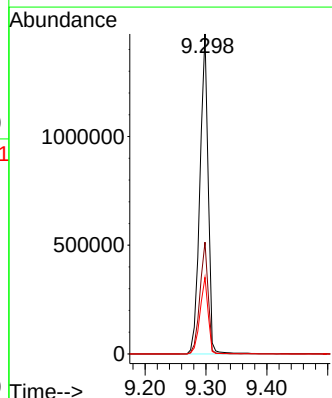
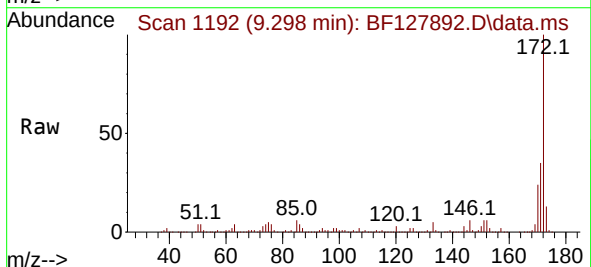
Instrument :
BNA_F
ClientSampleId :
TP-11

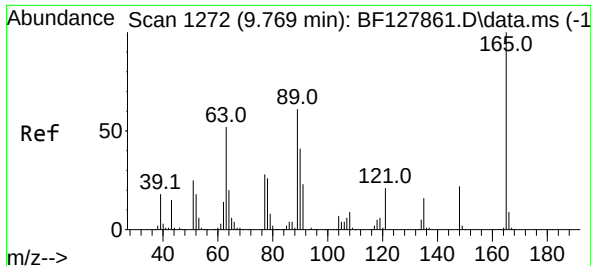
Tgt Ion:330 Resp: 340816
Ion Ratio Lower Upper
330 100
332 97.9 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 65.834 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

Tgt Ion:172 Resp: 1390267
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.0 19.1 28.7

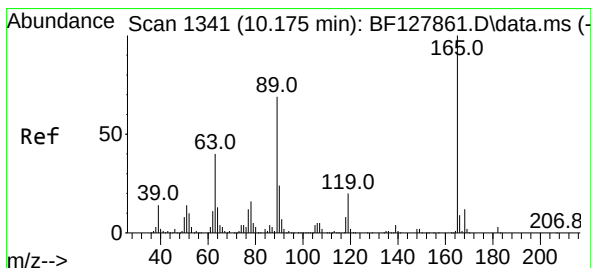
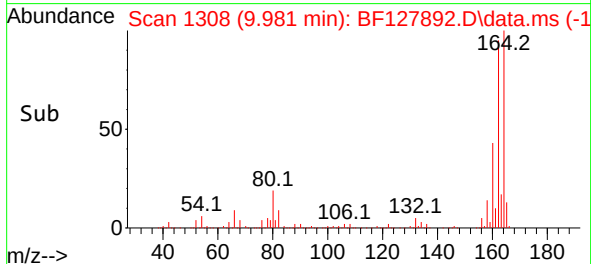
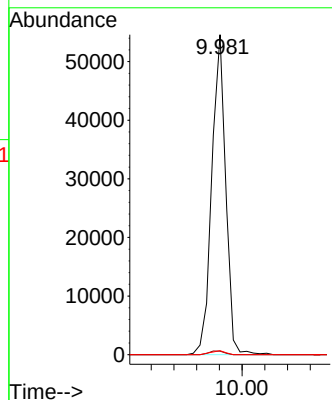
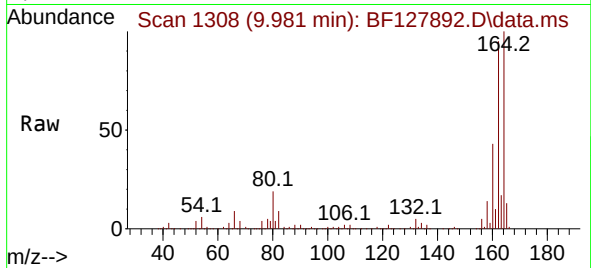




#51
2,6-Dinitrotoluene
Concen: 8.960 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

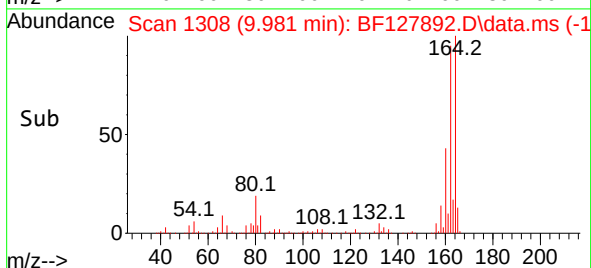
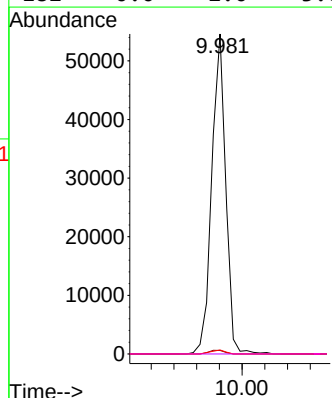
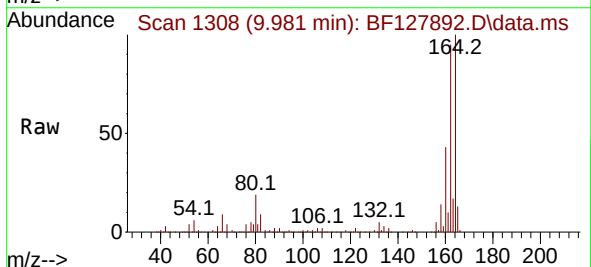
Instrument :
BNA_F
ClientSampleId :
TP-11

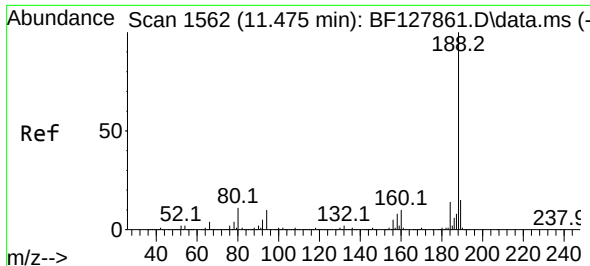
Tgt Ion:165 Resp: 46483
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.765 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

Tgt Ion:165 Resp: 46483
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

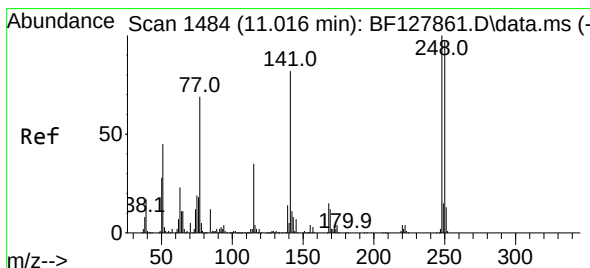
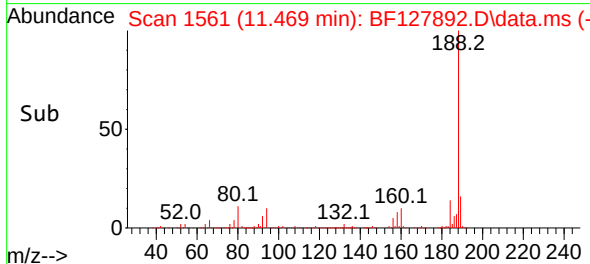
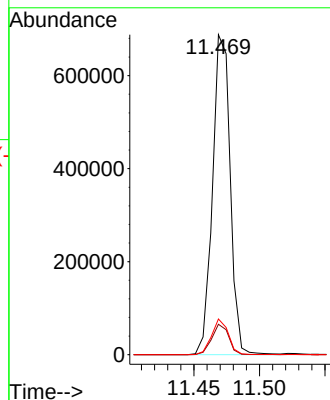
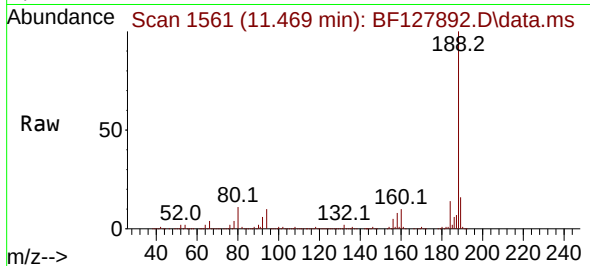




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

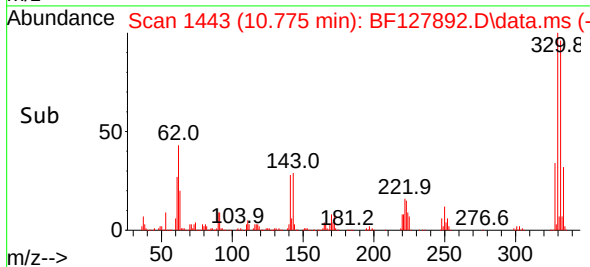
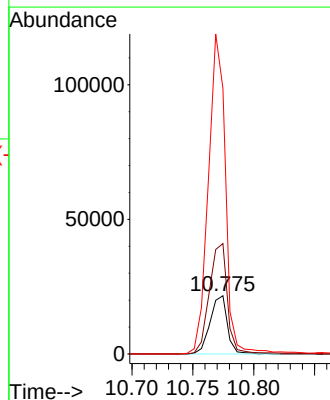
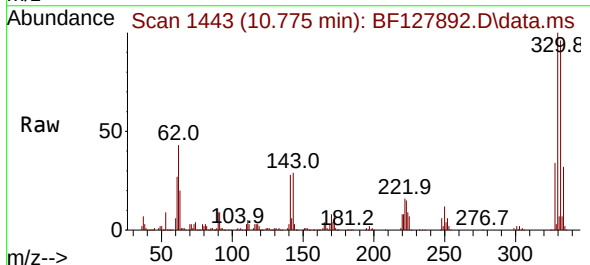
Instrument :
BNA_F
ClientSampleId :
TP-11

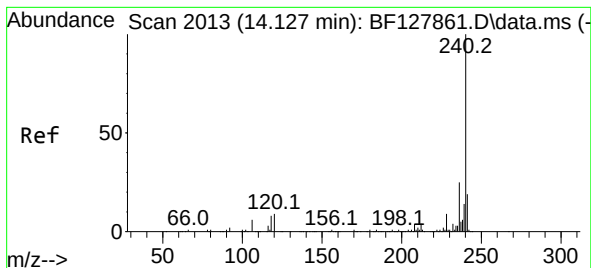
Tgt Ion:188 Resp: 644158
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 11.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.993 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127892.D
Acq: 25 Apr 2022 20:49

Tgt Ion:248 Resp: 21372
Ion Ratio Lower Upper
248 100
250 189.6 77.7 116.5#
141 456.2 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127892.D

Acq: 25 Apr 2022 20:49

Instrument :

BNA_F

ClientSampleId :

TP-11

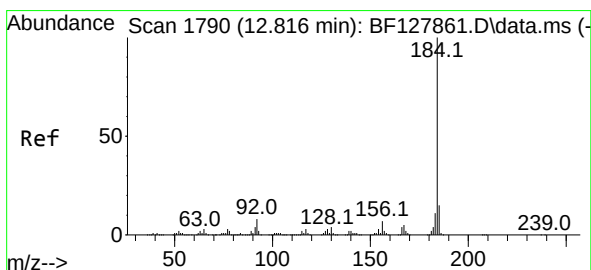
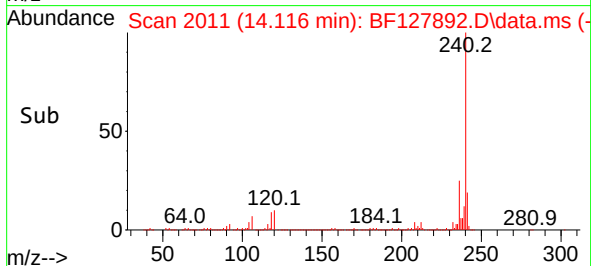
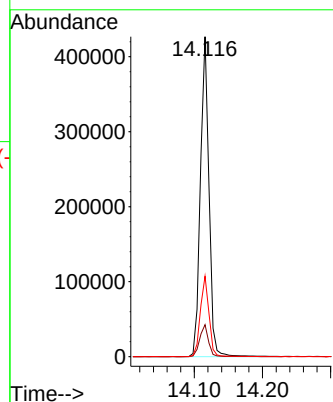
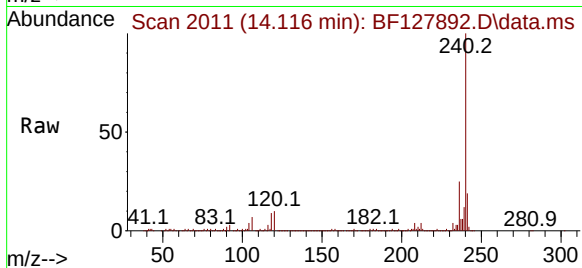
Tgt Ion:240 Resp: 372881

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

236 25.1 20.3 30.5



#77

Benzidine

Concen: 2.749 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.241 min

Lab File: BF127892.D

Acq: 25 Apr 2022 20:49

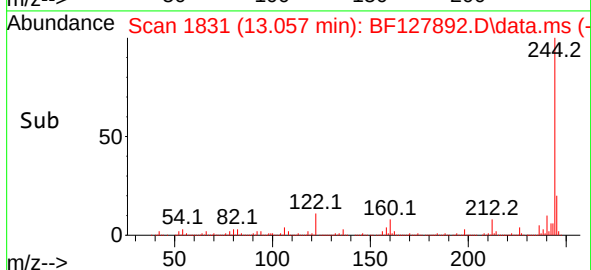
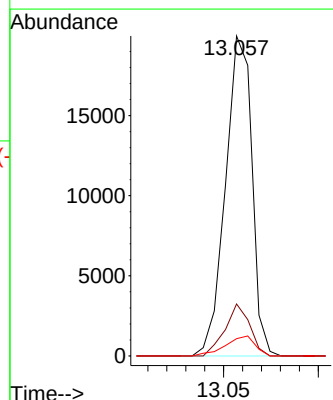
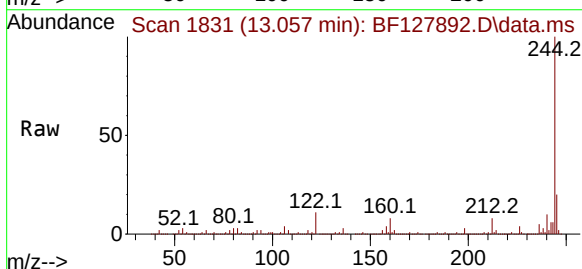
Tgt Ion:184 Resp: 19394

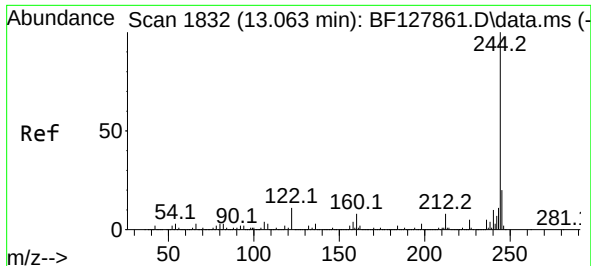
Ion Ratio Lower Upper

184 100

185 16.3 12.1 18.1

183 5.4 9.0 13.4#

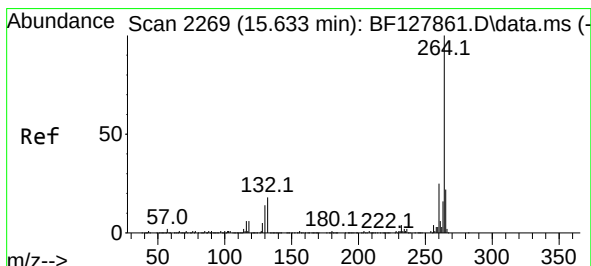
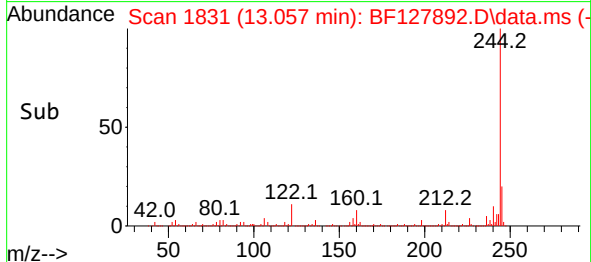
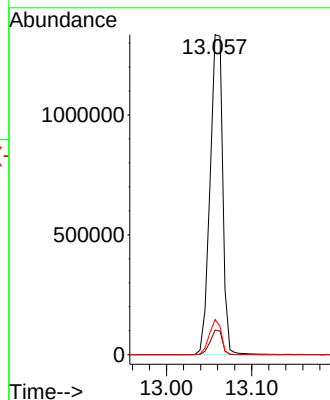
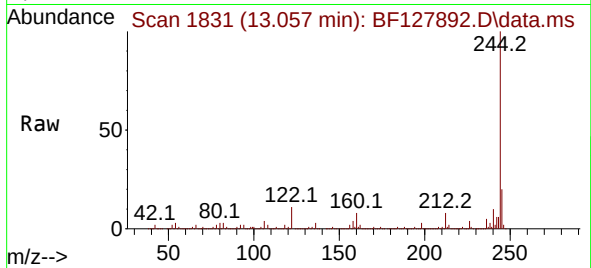




#79
 Terphenyl-d14
 Concen: 67.482 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF127892.D
 Acq: 25 Apr 2022 20:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 1376103
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF127892.D
 Acq: 25 Apr 2022 20:49

Tgt Ion:264 Resp: 321359
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.8 17.5 26.3

