

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127091.D
 Acq On : 28 Feb 2022 10:55
 Operator : CG\JU
 Sample : PB142950BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142950BL

Quant Time: Feb 28 16:55:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

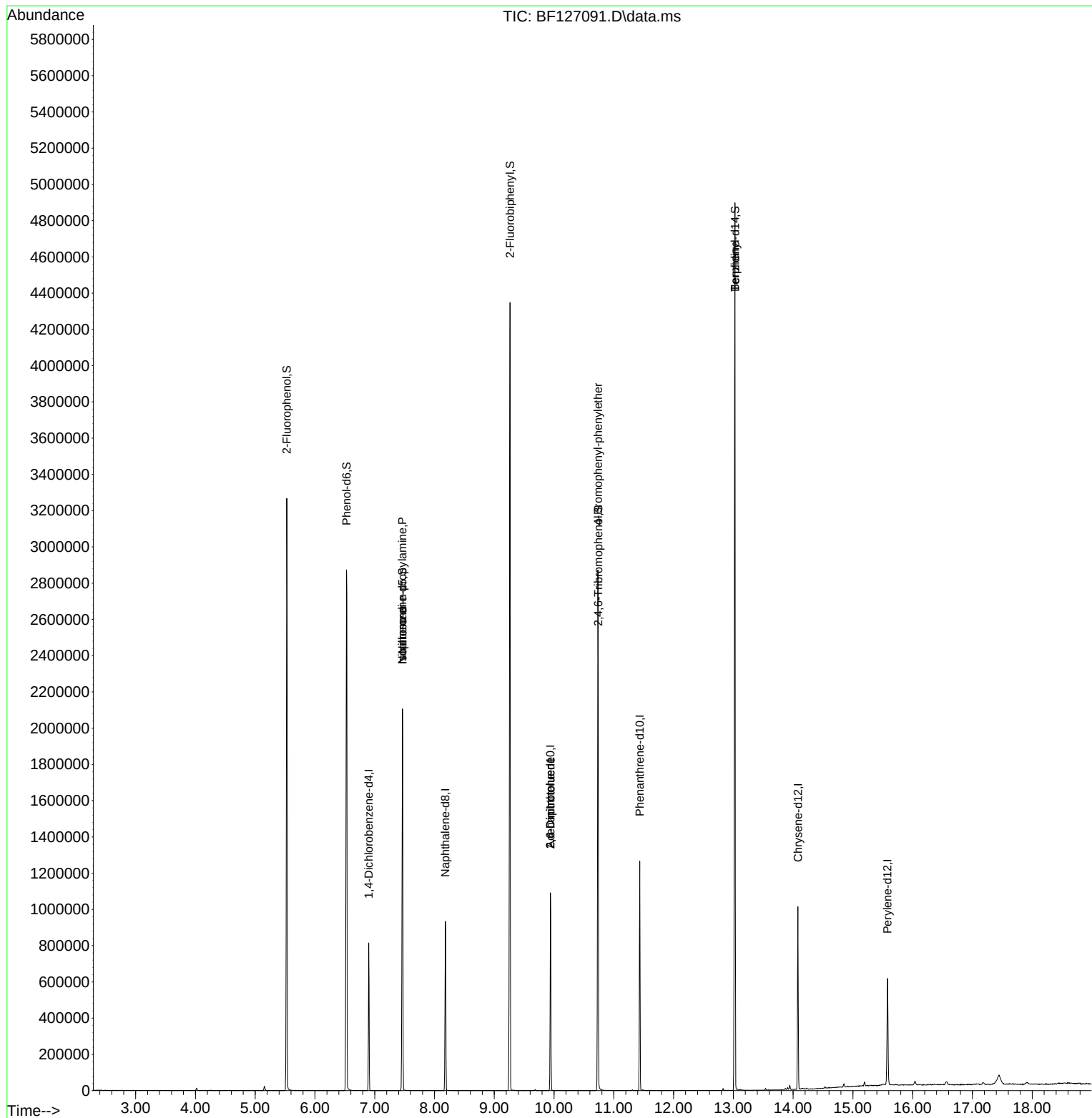
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	103440	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	420388	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	218382	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	403335	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	298059	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	244420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	863980	129.094	ng	0.00
7) Phenol-d6	6.528	99	1113229	123.271	ng	-0.01
23) Nitrobenzene-d5	7.463	82	785080	84.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	349071	138.830	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1277841	86.142	ng	0.00
79) Terphenyl-d14	13.027	244	1637404	80.757	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	108189	18.592	ng	# 79
25) Isophorone	7.463	82	783763	50.856	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	28258	8.898	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	28258	6.581	ng	# 15
67) 4-Bromophenyl-phenylether	10.733	248	20477	4.544	ng	# 1
77) Benzidine	13.027	184	22817	2.817	ng	94

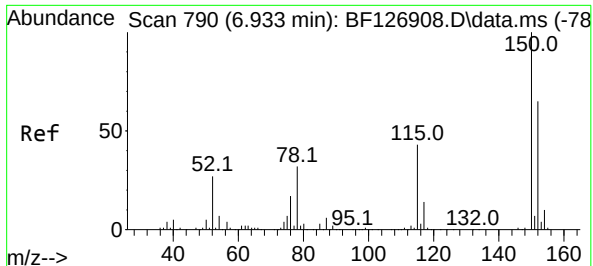
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127091.D
Acq On : 28 Feb 2022 10:55
Operator : CG\JU
Sample : PB142950BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142950BL

Quant Time: Feb 28 16:55:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

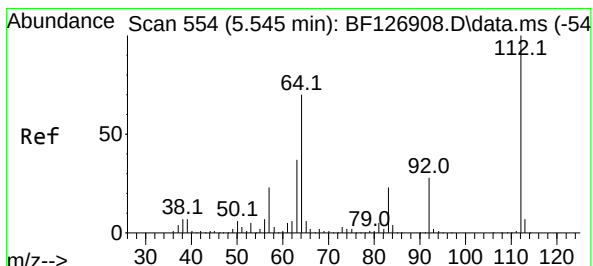
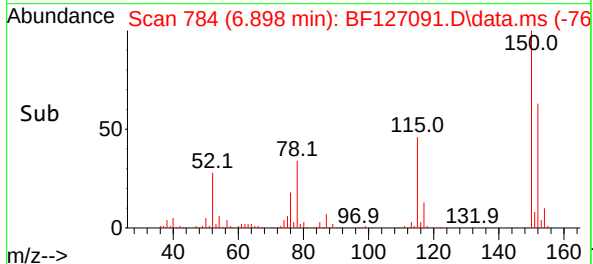
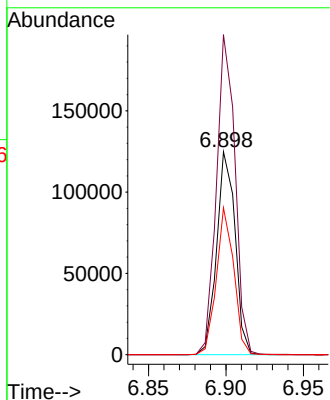
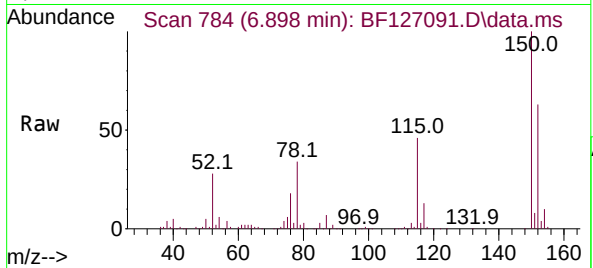




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

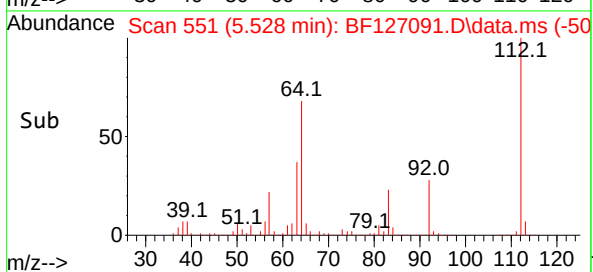
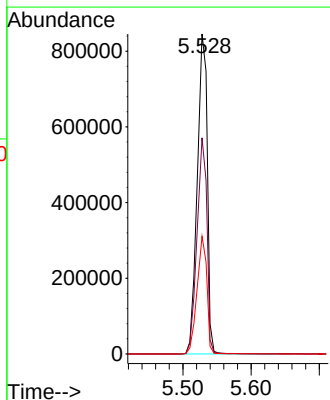
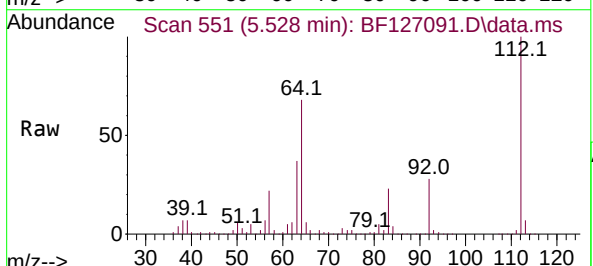
Instrument :
BNA_F
ClientSampleId :
PB142950BL

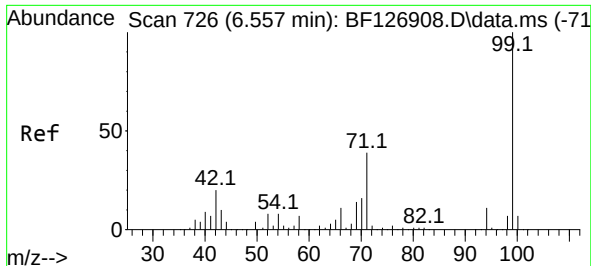
Tgt Ion:152 Resp: 103440
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 72.4 56.7 85.1



#5
2-Fluorophenol
Concen: 129.094 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

Tgt Ion:112 Resp: 863980
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 36.7 23.9 35.9#

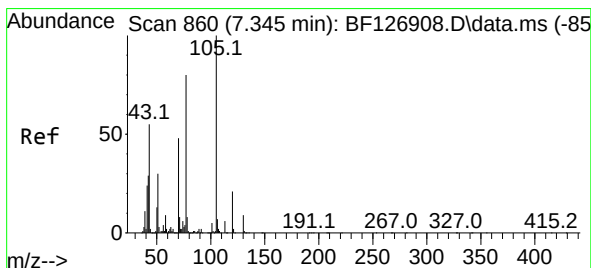
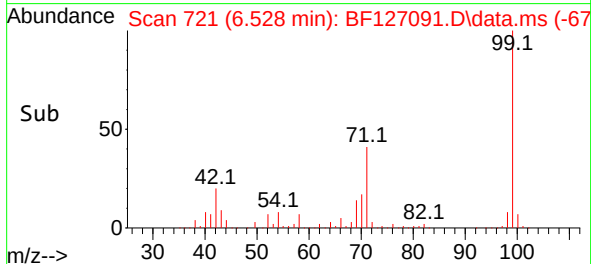
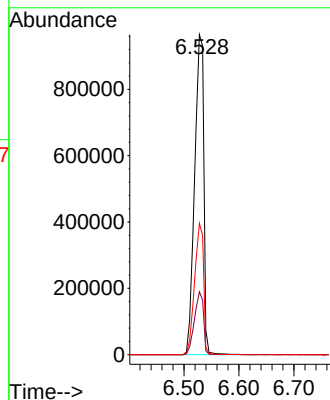
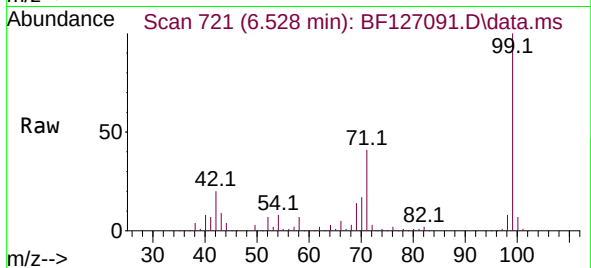




#7
Phenol-d6
Concen: 123.271 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

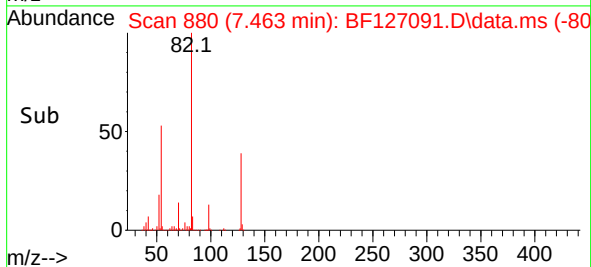
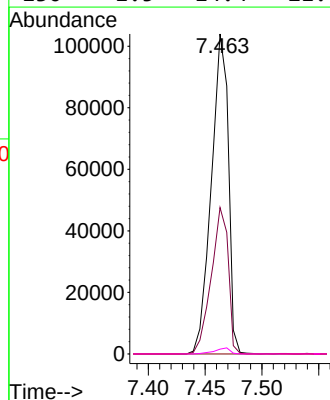
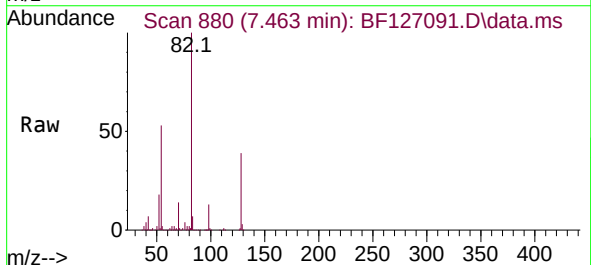
Instrument :
BNA_F
ClientSampleId :
PB142950BL

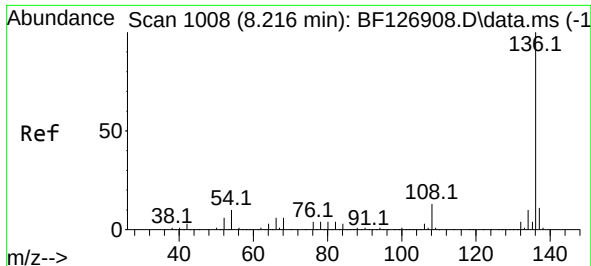
Tgt Ion: 99 Resp: 1113229
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 41.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.592 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

Tgt Ion: 70 Resp: 108189
Ion Ratio Lower Upper
70 100
42 45.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

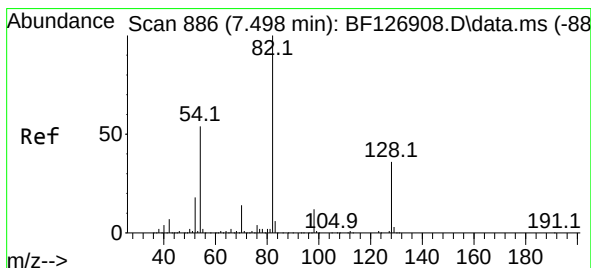
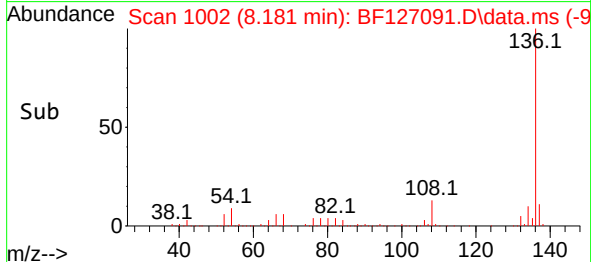
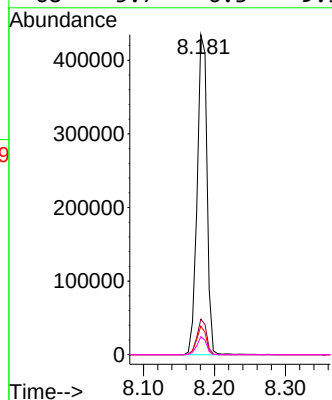
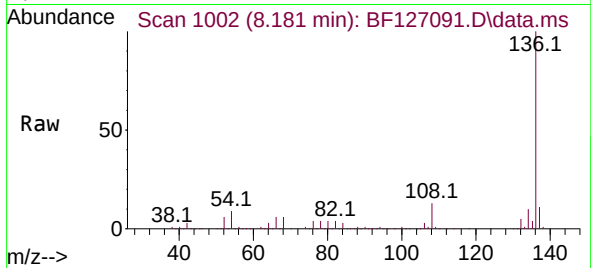




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

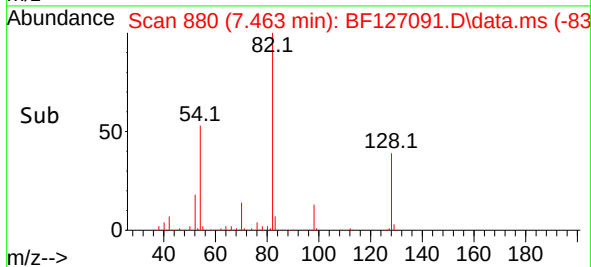
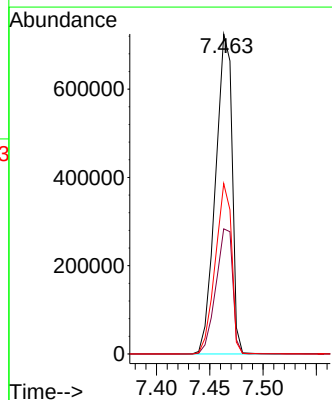
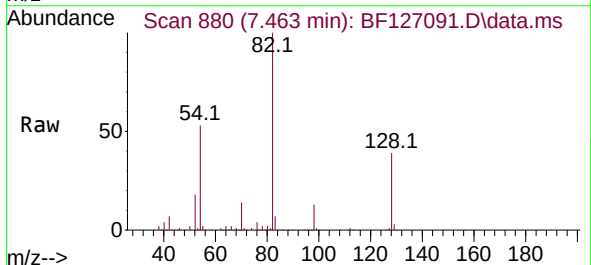
Instrument :
BNA_F
ClientSampleId :
PB142950BL

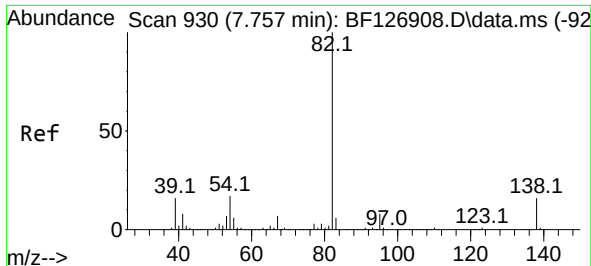
Tgt Ion:136 Resp: 420388
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.8 11.6
68 5.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 84.295 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

Tgt Ion: 82 Resp: 785080
Ion Ratio Lower Upper
82 100
128 39.1 32.7 49.1
54 53.2 41.7 62.5

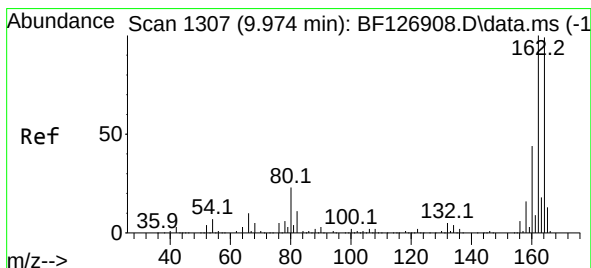
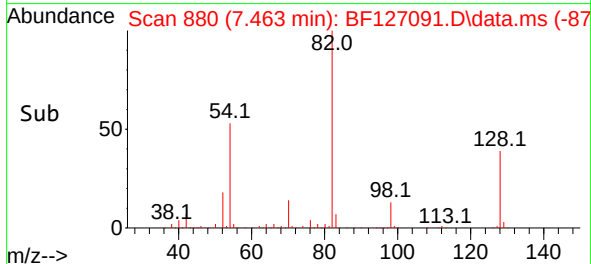
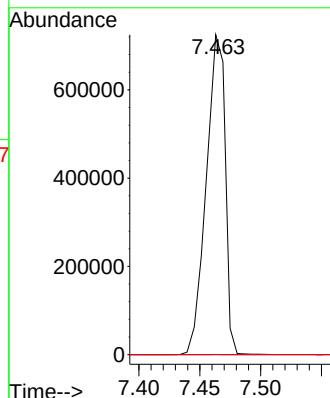
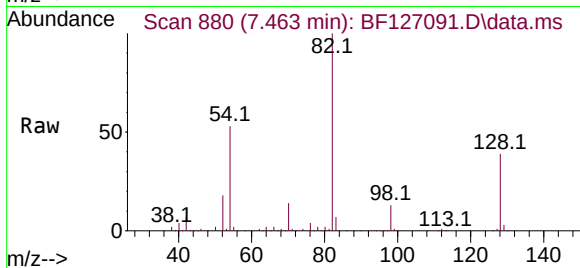




#25
Isophorone
Concen: 50.856 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

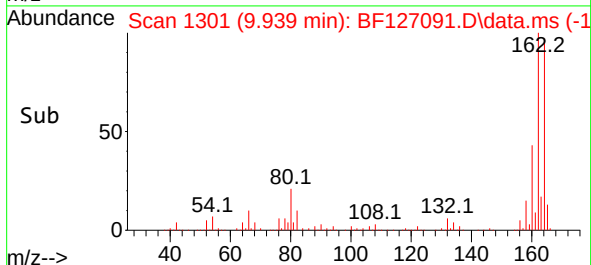
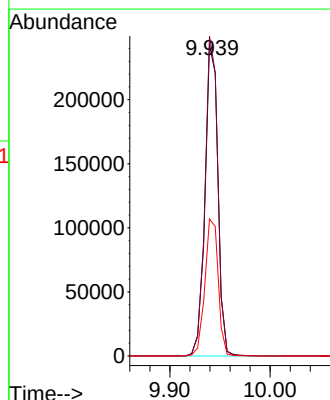
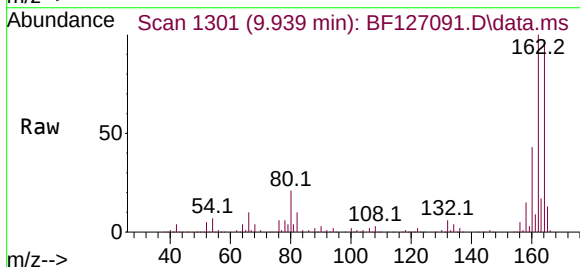
Instrument :
BNA_F
ClientSampleId :
PB142950BL

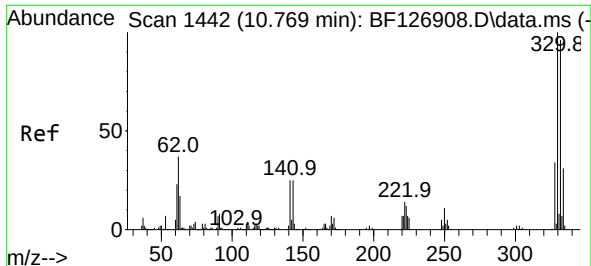
Tgt Ion: 82 Resp: 783763
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

Tgt Ion: 164 Resp: 218382
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 138.830 ng

RT: 10.739 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127091.D

Acq: 28 Feb 2022 10:55

Instrument :

BNA_F

ClientSampleId :

PB142950BL

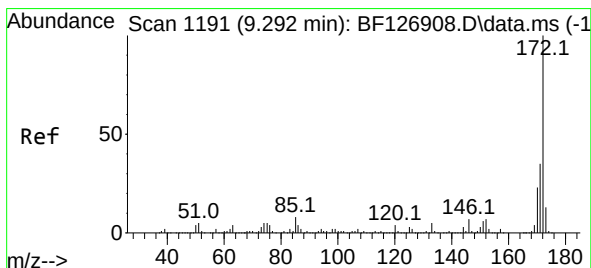
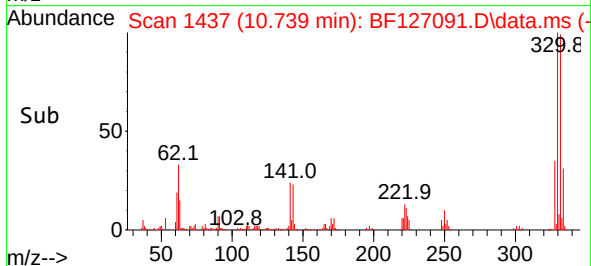
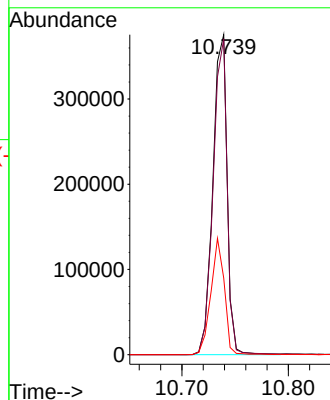
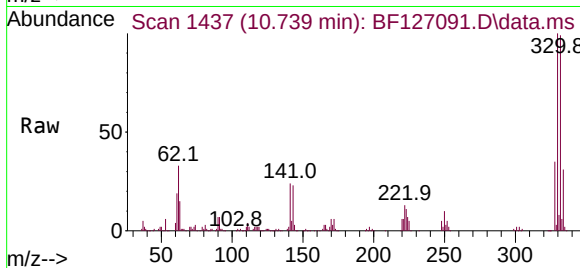
Tgt Ion:330 Resp: 349071

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 34.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.142 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127091.D

Acq: 28 Feb 2022 10:55

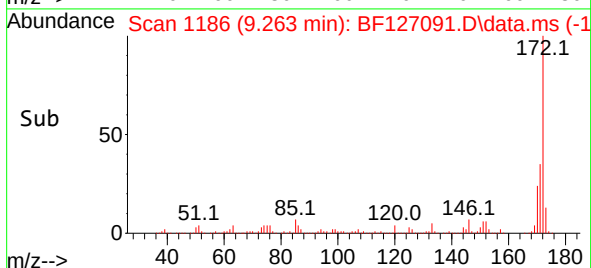
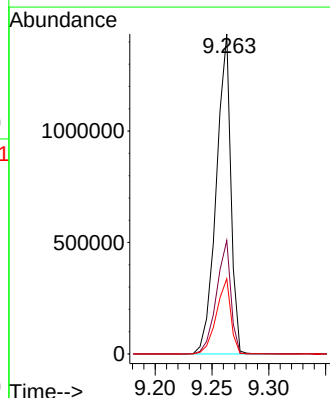
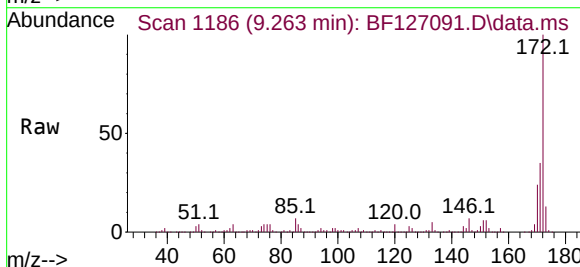
Tgt Ion:172 Resp: 1277841

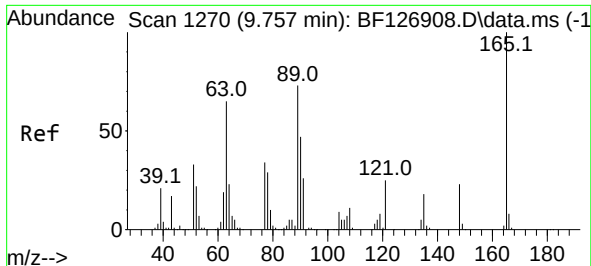
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.0 28.6

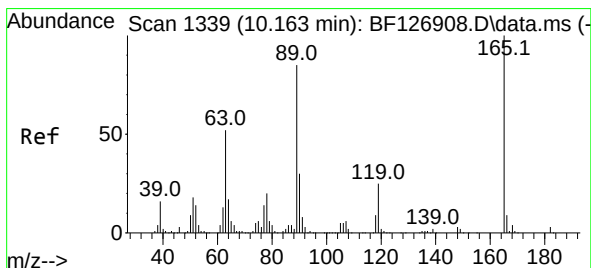
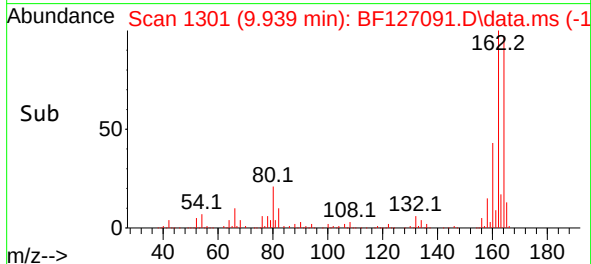
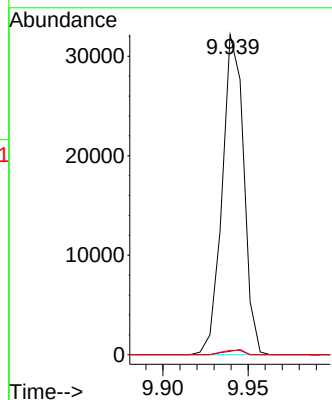
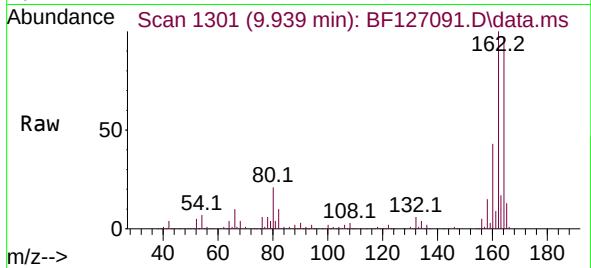




#51
2,6-Dinitrotoluene
Concen: 8.898 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

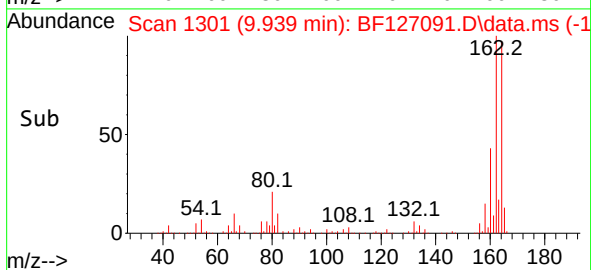
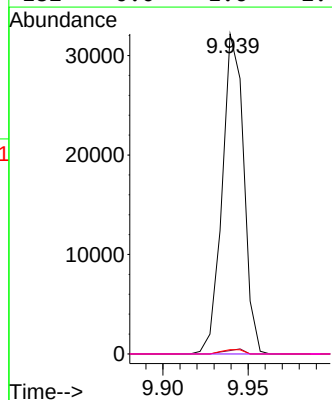
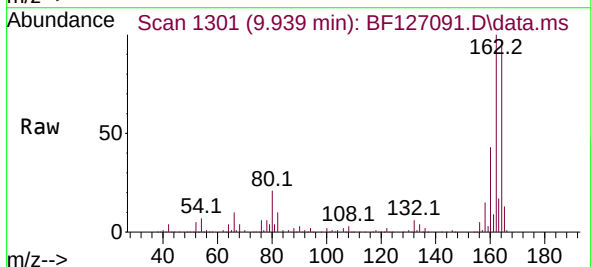
Instrument :
BNA_F
ClientSampleId :
PB142950BL

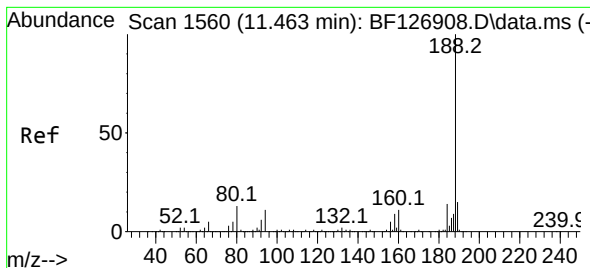
Tgt Ion:165 Resp: 28258
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127091.D
Acq: 28 Feb 2022 10:55

Tgt Ion:165 Resp: 28258
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127091.D

Acq: 28 Feb 2022 10:55

Instrument :

BNA_F

ClientSampleId :

PB142950BL

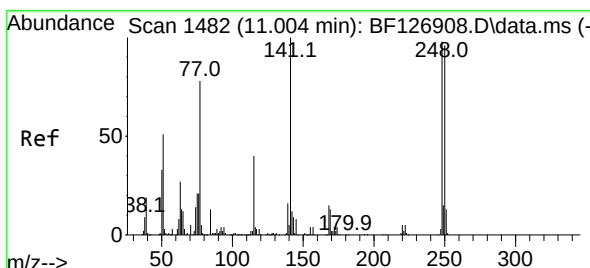
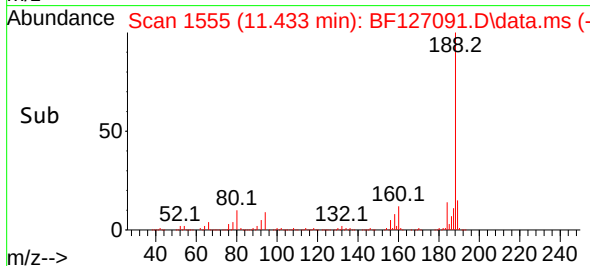
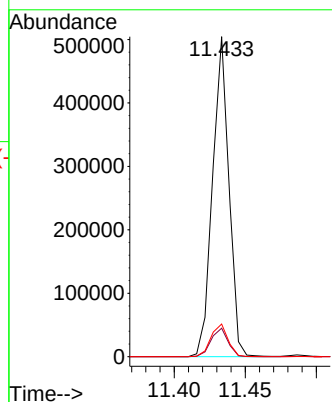
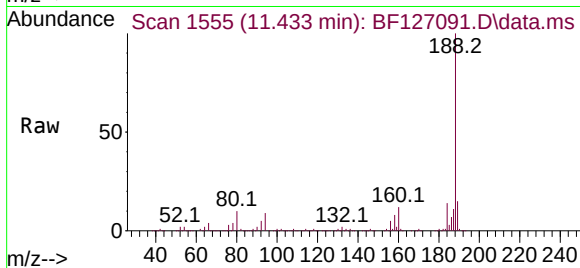
Tgt Ion:188 Resp: 403335

Ion Ratio Lower Upper

188 100

94 8.9 10.1 15.1#

80 10.2 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.544 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127091.D

Acq: 28 Feb 2022 10:55

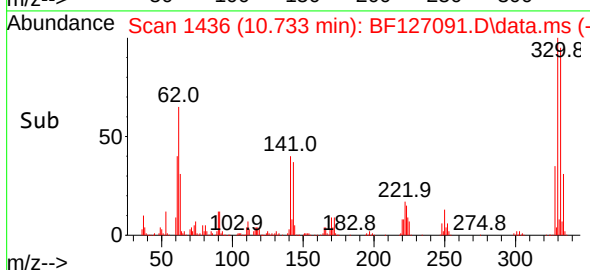
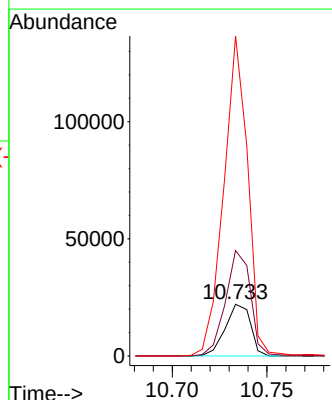
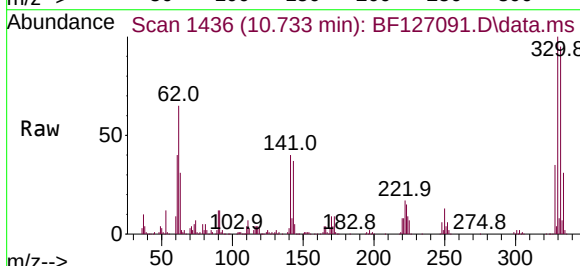
Tgt Ion:248 Resp: 20477

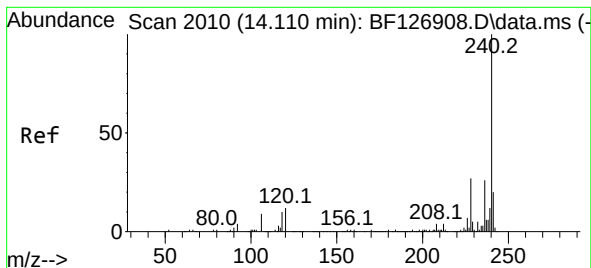
Ion Ratio Lower Upper

248 100

250 204.0 76.2 114.4#

141 618.8 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127091.D

Acq: 28 Feb 2022 10:55

Instrument :

BNA_F

ClientSampleId :

PB142950BL

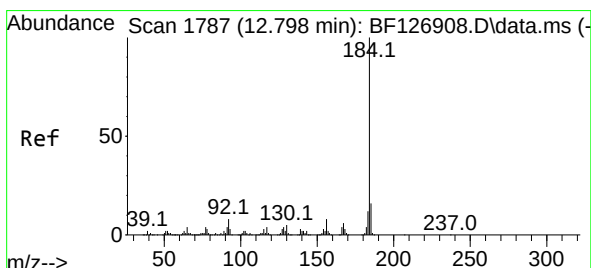
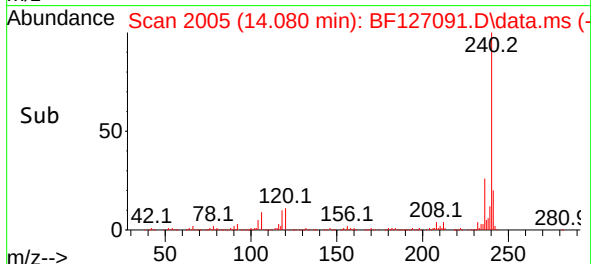
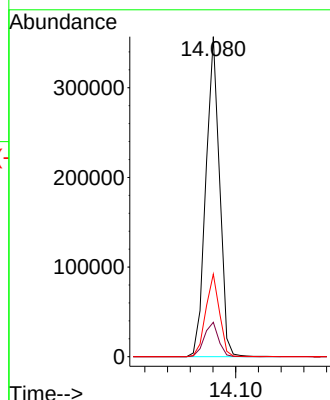
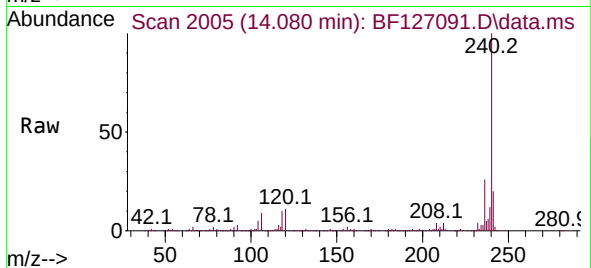
Tgt Ion:240 Resp: 298059

Ion Ratio Lower Upper

240 100

120 10.8 14.4 21.6#

236 25.8 20.5 30.7



#77

Benzidine

Concen: 2.817 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.253 min

Lab File: BF127091.D

Acq: 28 Feb 2022 10:55

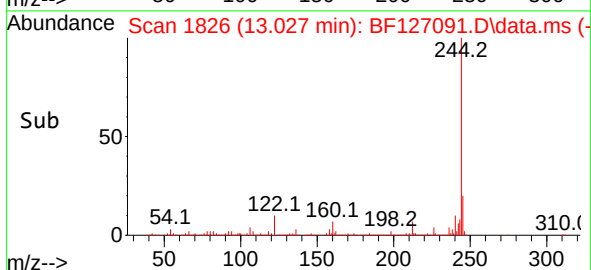
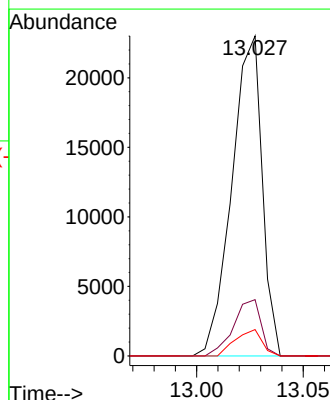
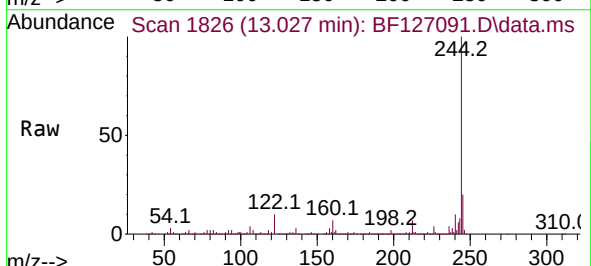
Tgt Ion:184 Resp: 22817

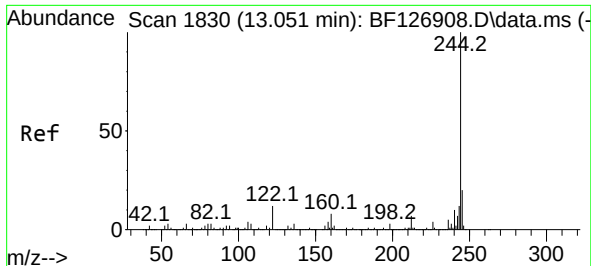
Ion Ratio Lower Upper

184 100

185 17.6 11.8 17.8

183 8.3 8.2 12.2

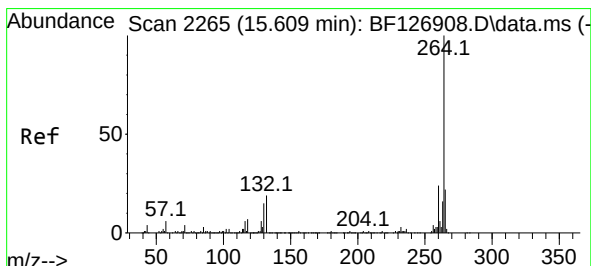
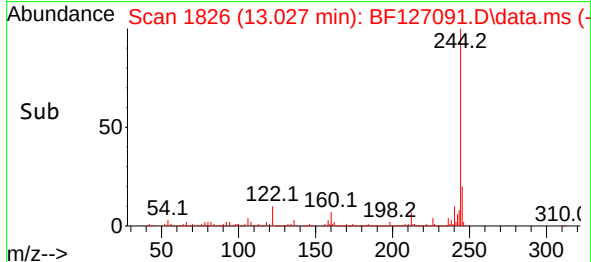
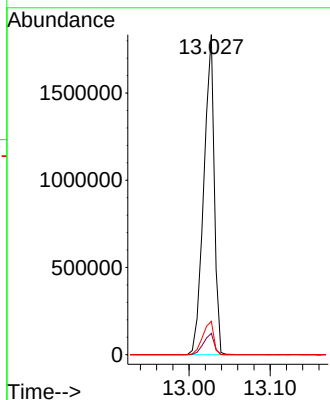
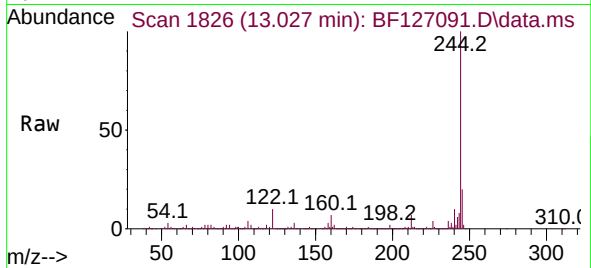




#79
 Terphenyl-d14
 Concen: 80.757 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127091.D
 Acq: 28 Feb 2022 10:55

Instrument :
 BNA_F
 ClientSampleId :
 PB142950BL

Tgt Ion:244 Resp: 1637404
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF127091.D
 Acq: 28 Feb 2022 10:55

Tgt Ion:264 Resp: 244420
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 20.6 17.4 26.2

