

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020222\
 Data File : BF126786.D
 Acq On : 02 Feb 2022 15:16
 Operator : CG/JU
 Sample : PB142123BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142123BL

Quant Time: Feb 02 16:46:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

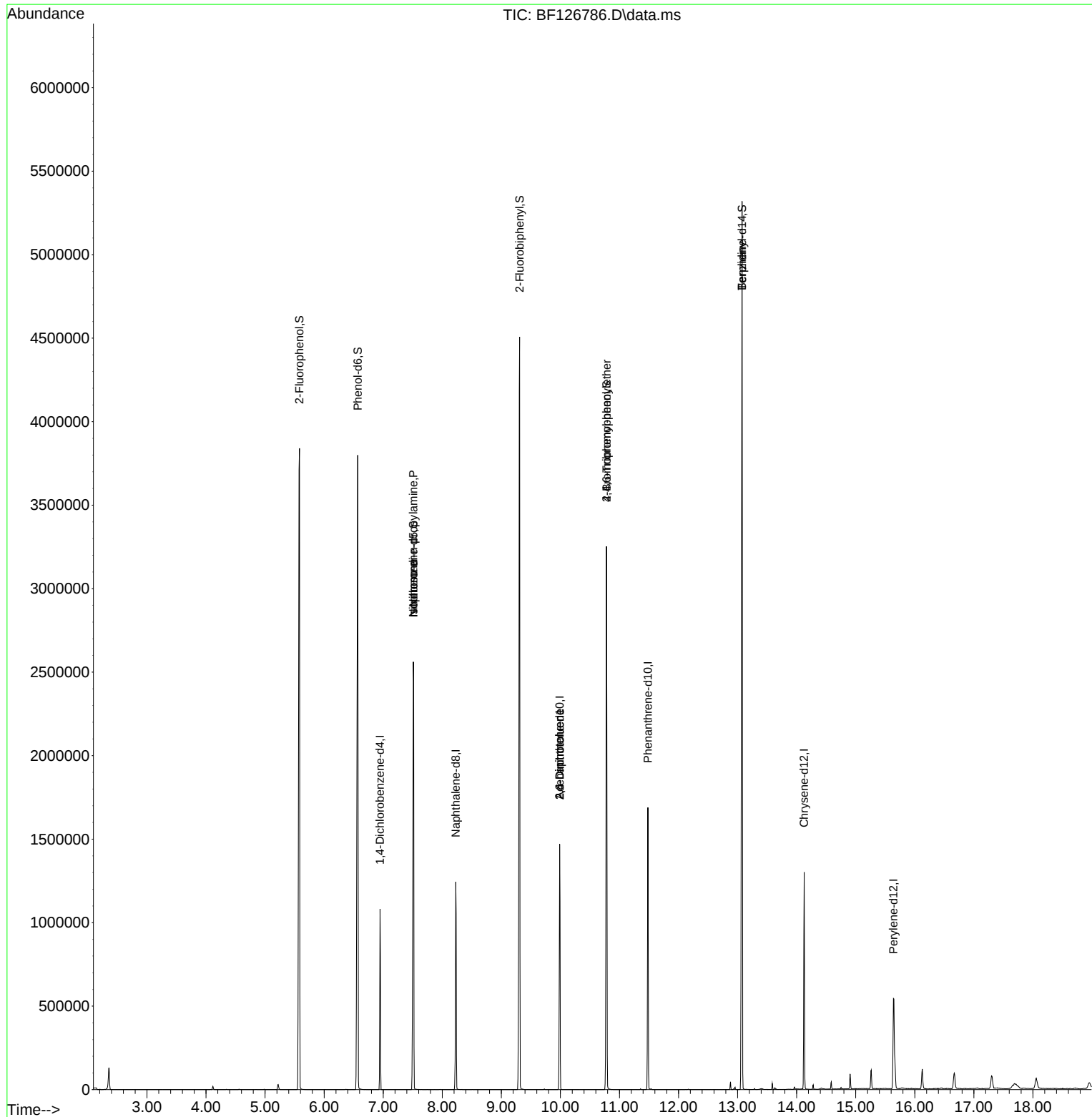
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	138907	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	541307	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	286084	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	540949	20.000	ng	0.00
76) Chrysene-d12	14.127	240	416402	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	259874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1247762	123.033	ng	0.02
7) Phenol-d6	6.569	99	1692357	120.636	ng	0.00
23) Nitrobenzene-d5	7.510	82	1185718	81.979	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	406451	136.894	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1521342	88.054	ng	0.00
79) Terphenyl-d14	13.075	244	1920855	77.168	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	159074	17.220	ng	# 70
25) Isophorone	7.510	82	1181299	47.589	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	37065	9.125	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	37065	6.732	ng	# 15
67) 4-Bromophenyl-phenylether	10.781	248	25071	4.049	ng	# 1
77) Benzidine	13.075	184	24332	2.547	ng	96

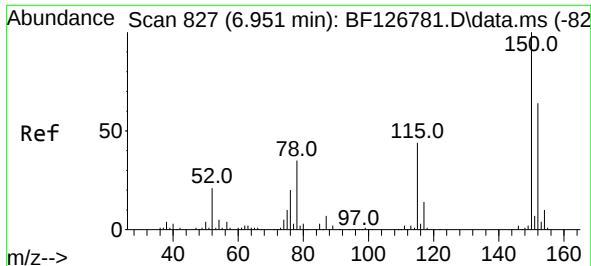
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020222\
Data File : BF126786.D
Acq On : 02 Feb 2022 15:16
Operator : CG/JU
Sample : PB142123BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142123BL

Quant Time: Feb 02 16:46:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

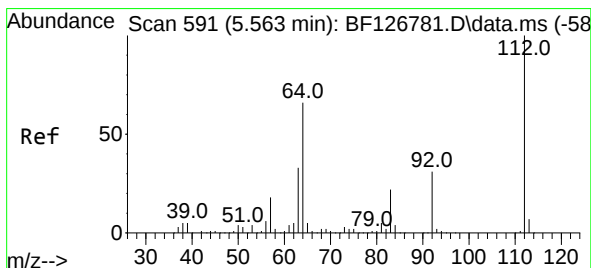
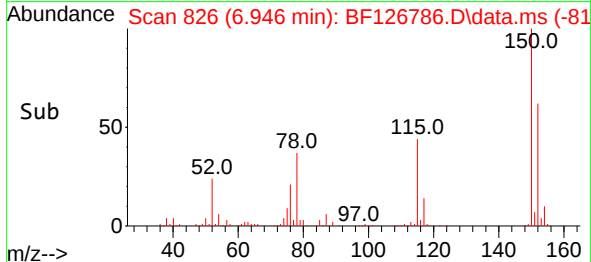
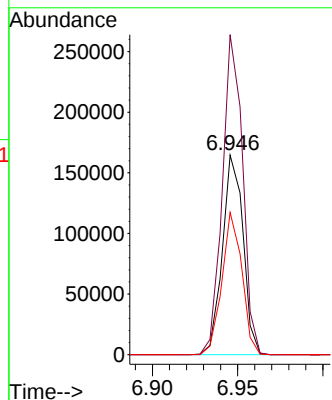
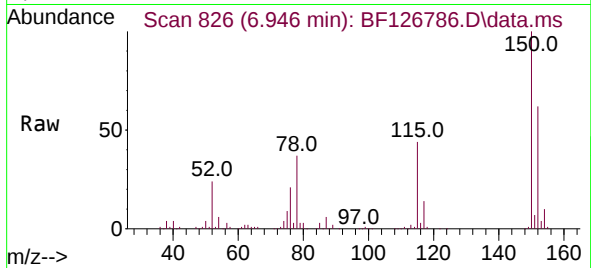




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

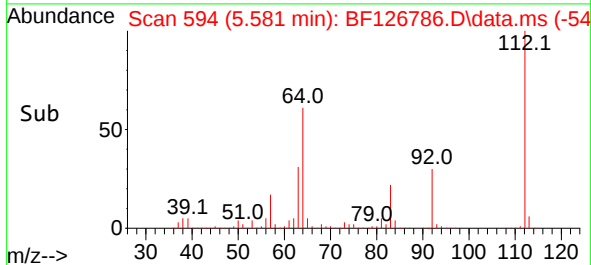
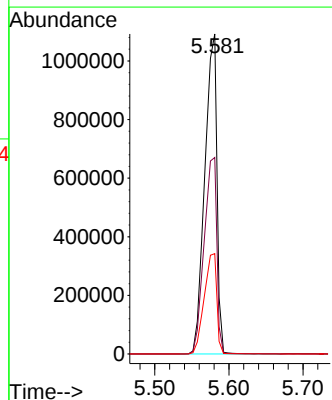
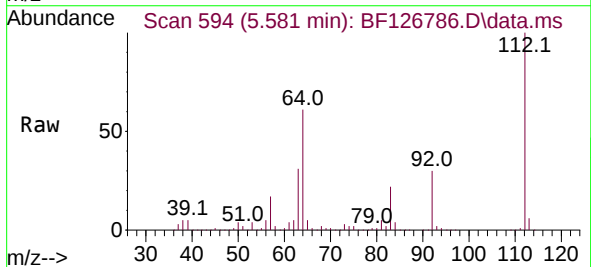
Instrument :
BNA_F
ClientSampleId :
PB142123BL

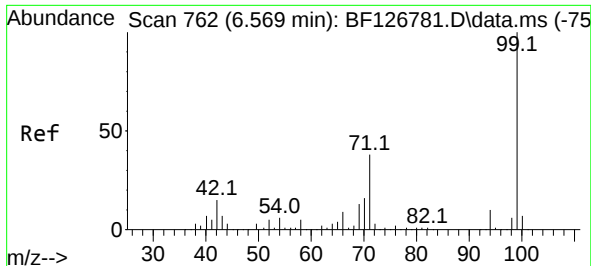
Tgt Ion:152 Resp: 138907
Ion Ratio Lower Upper
152 100
150 160.3 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 123.033 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

Tgt Ion:112 Resp: 1247762
Ion Ratio Lower Upper
112 100
64 61.4 49.5 74.3
63 31.3 23.9 35.9

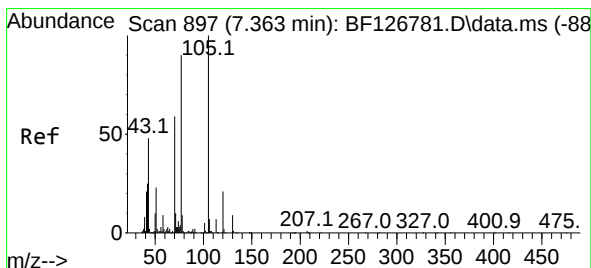
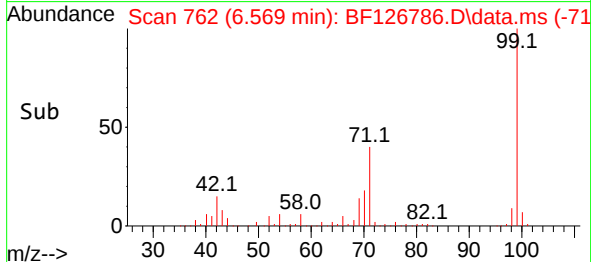
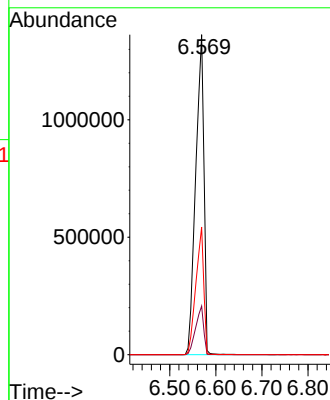
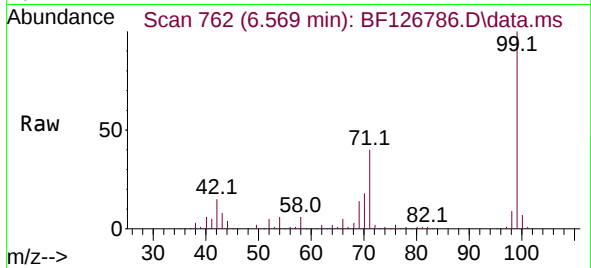




#7
Phenol-d6
Concen: 120.636 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

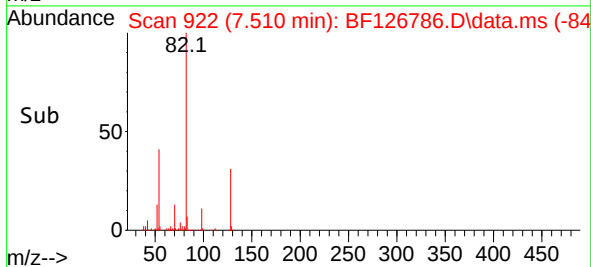
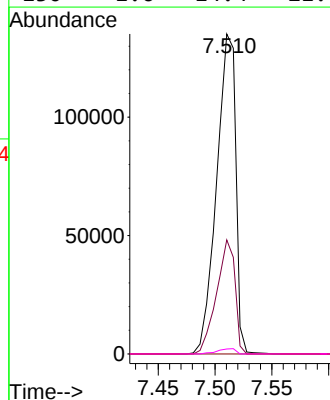
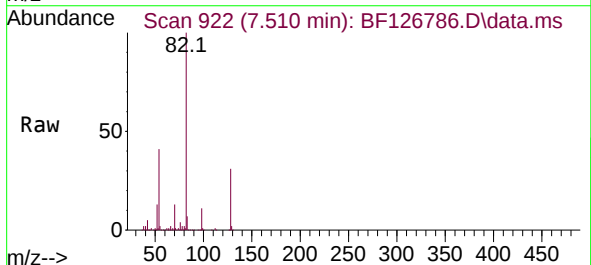
Instrument :
BNA_F
ClientSampleId :
PB142123BL

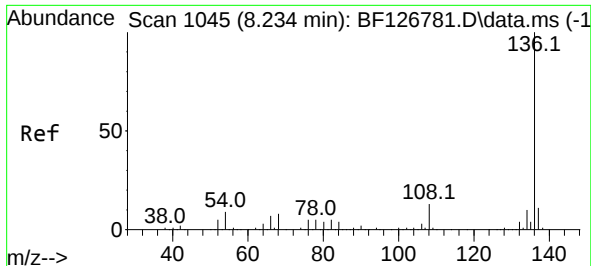
Tgt Ion: 99 Resp: 1692357
Ion Ratio Lower Upper
99 100
42 15.2 14.2 21.4
71 39.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.220 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

Tgt Ion: 70 Resp: 159074
Ion Ratio Lower Upper
70 100
42 35.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

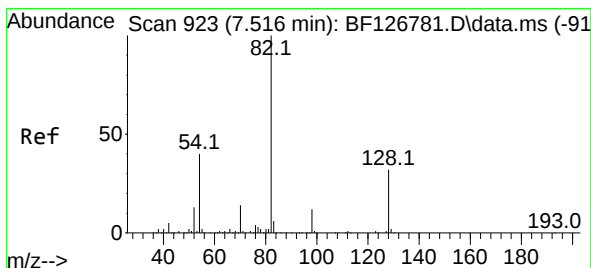
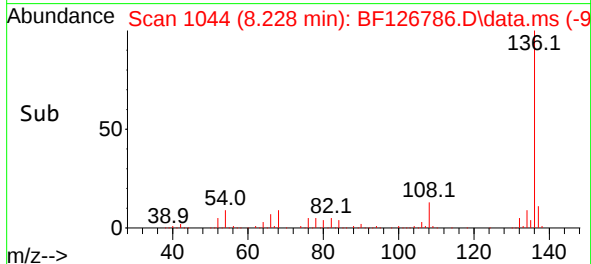
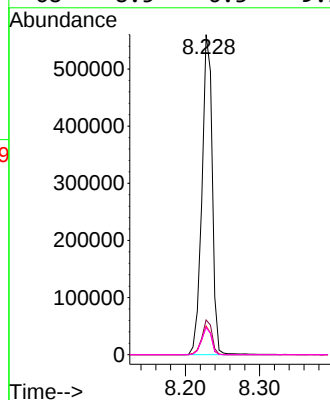
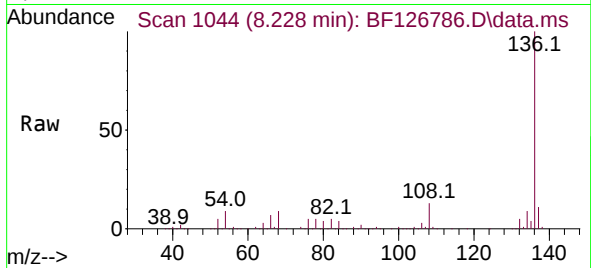




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

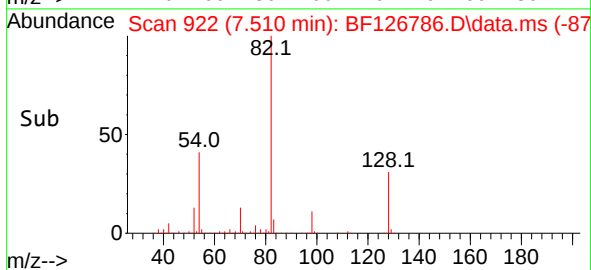
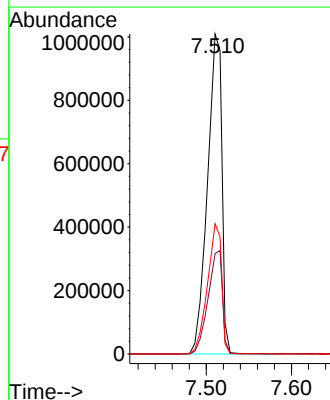
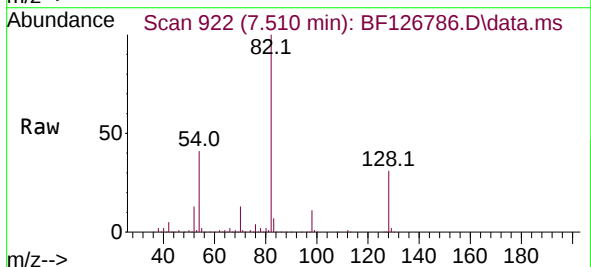
Instrument :
BNA_F
ClientSampleId :
PB142123BL

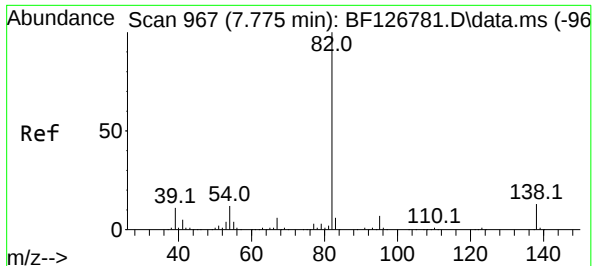
Tgt Ion:136 Resp: 541307
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.8 11.6
68 8.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 81.979 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

Tgt Ion: 82 Resp: 1185718
Ion Ratio Lower Upper
82 100
128 31.4 32.7 49.1#
54 40.7 41.7 62.5#

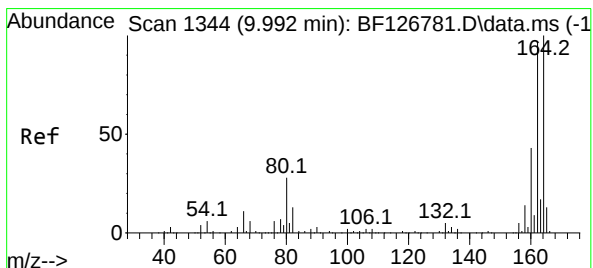
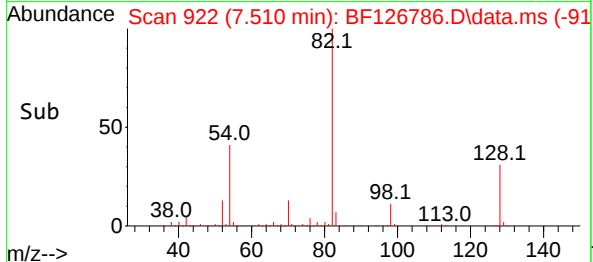
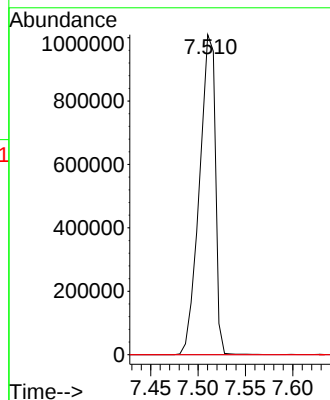
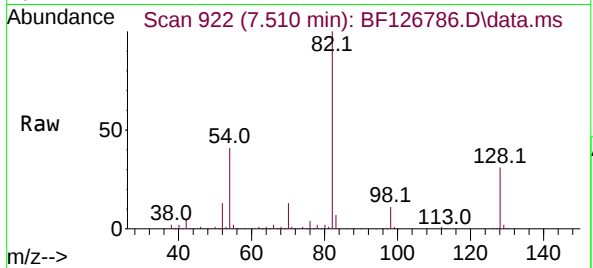




#25
Isophorone
Concen: 47.589 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

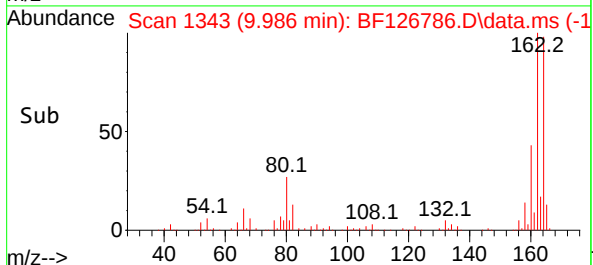
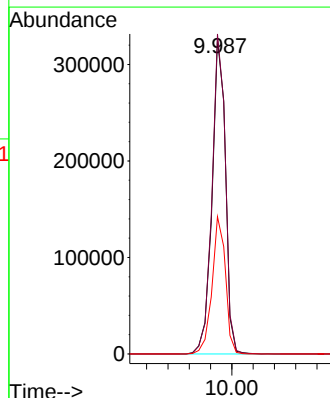
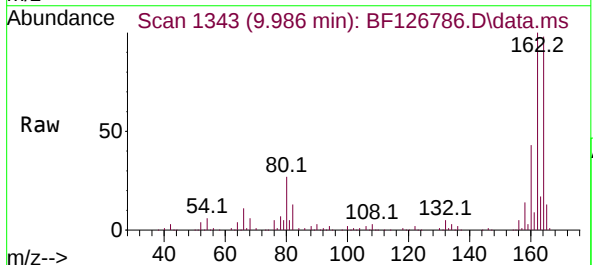
Instrument :
BNA_F
ClientSampleId :
PB142123BL

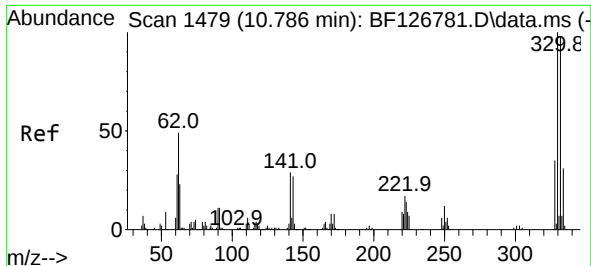
Tgt Ion: 82 Resp: 1181299
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

Tgt Ion: 164 Resp: 286084
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 43.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 136.894 ng

RT: 10.781 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126786.D

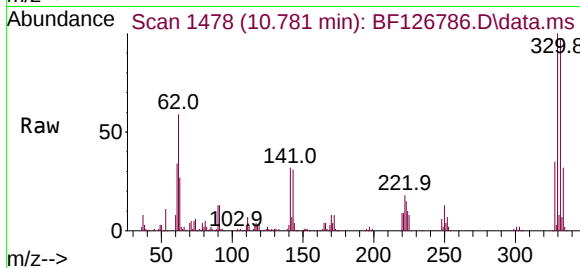
Acq: 02 Feb 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB142123BL



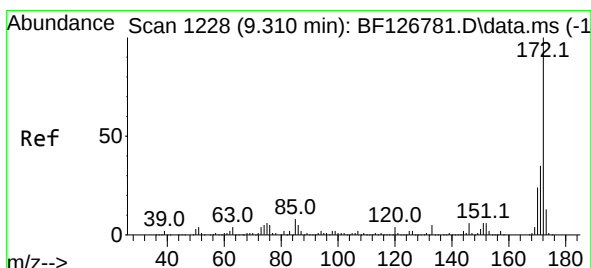
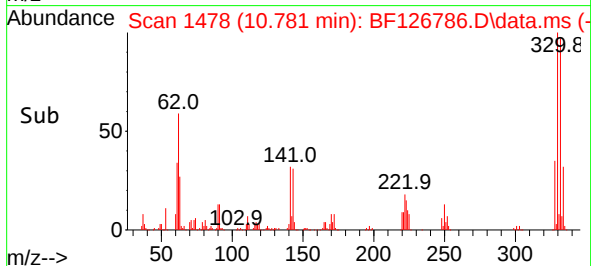
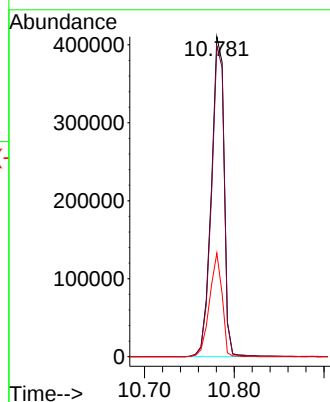
Tgt Ion:330 Resp: 406451

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 31.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.054 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF126786.D

Acq: 02 Feb 2022 15:16

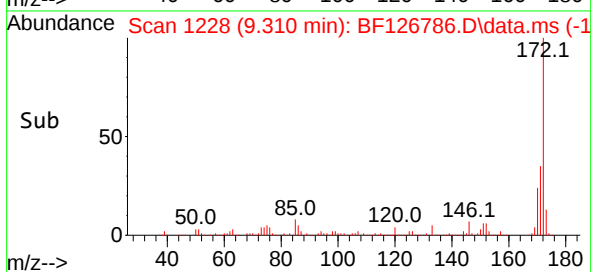
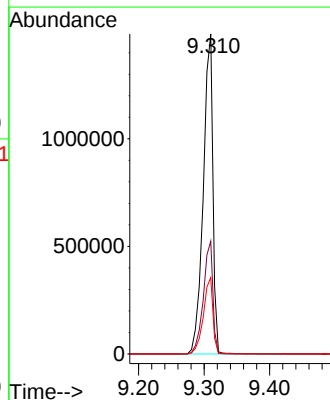
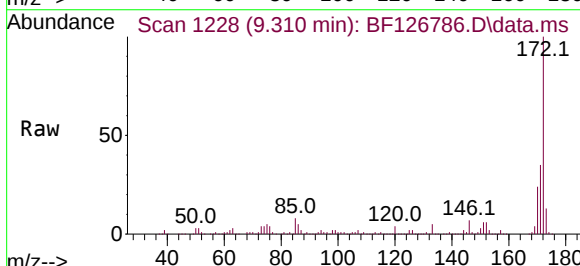
Tgt Ion:172 Resp: 1521342

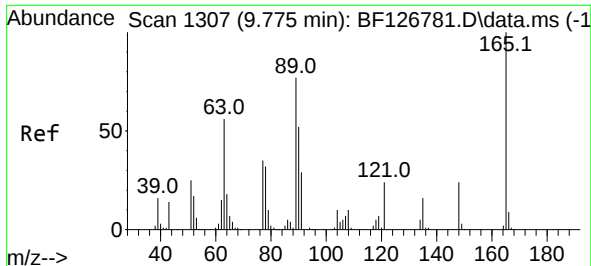
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.9 19.0 28.6

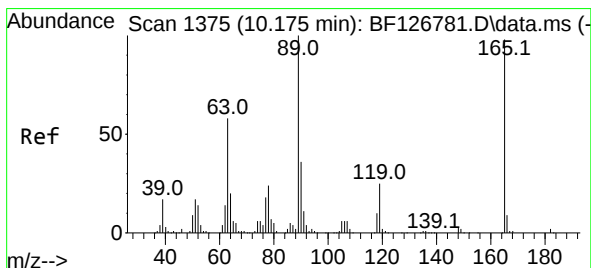
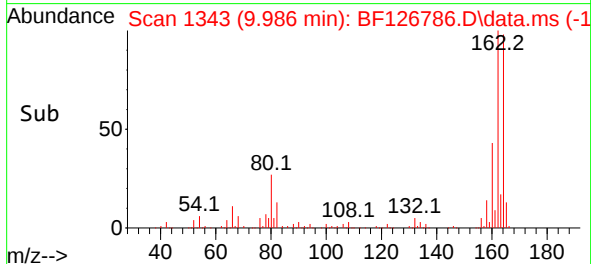
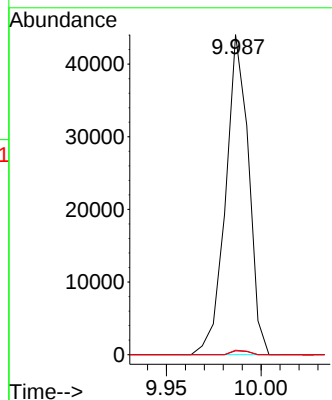
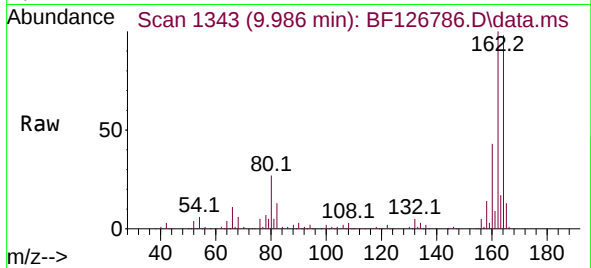




#51
2,6-Dinitrotoluene
Concen: 9.125 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

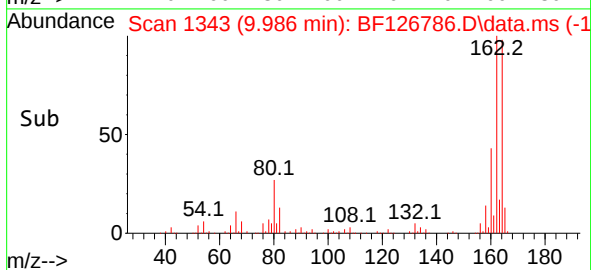
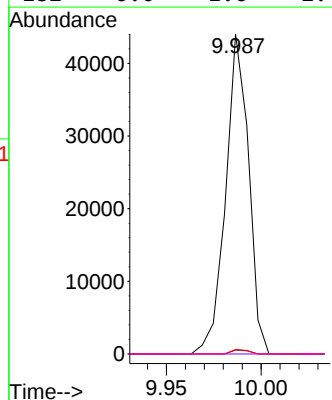
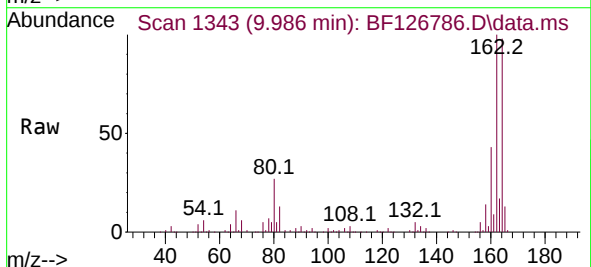
Instrument :
BNA_F
ClientSampleId :
PB142123BL

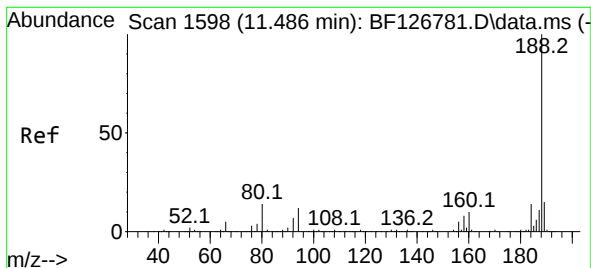
Tgt Ion:165 Resp: 37065
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.732 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126786.D
Acq: 02 Feb 2022 15:16

Tgt Ion:165 Resp: 37065
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.481 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126786.D

Acq: 02 Feb 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB142123BL

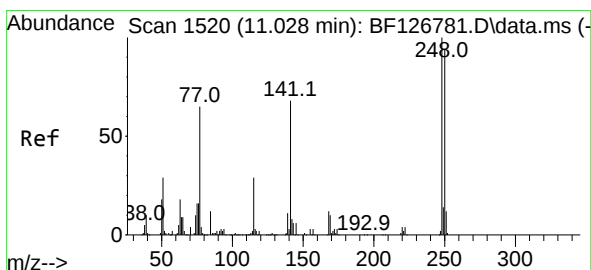
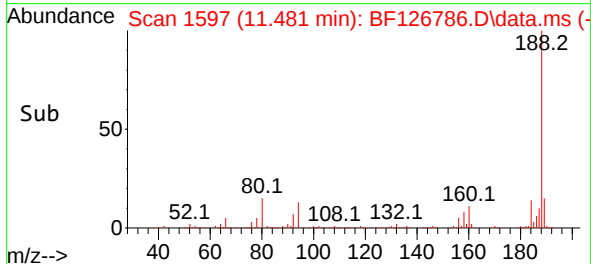
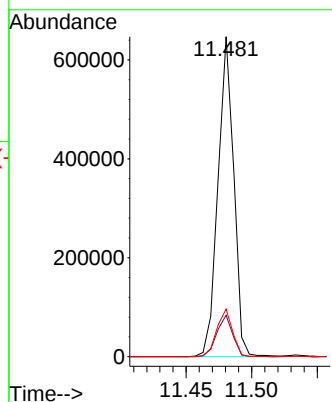
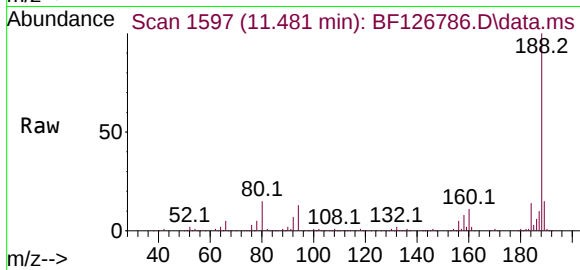
Tgt Ion:188 Resp: 540949

Ion Ratio Lower Upper

188 100

94 12.9 10.1 15.1

80 14.9 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 4.049 ng

RT: 10.781 min Scan# 1478

Delta R.T. -0.247 min

Lab File: BF126786.D

Acq: 02 Feb 2022 15:16

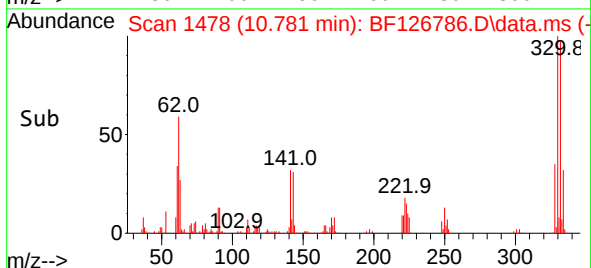
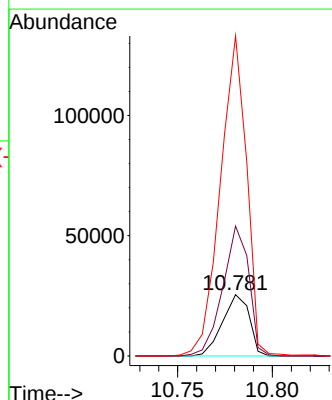
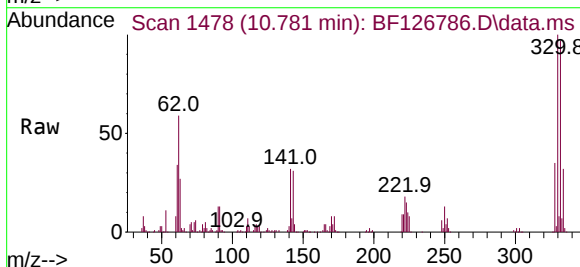
Tgt Ion:248 Resp: 25071

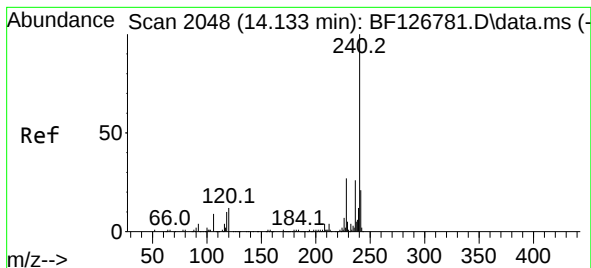
Ion Ratio Lower Upper

248 100

250 212.2 76.2 114.4#

141 522.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF126786.D

Acq: 02 Feb 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB142123BL

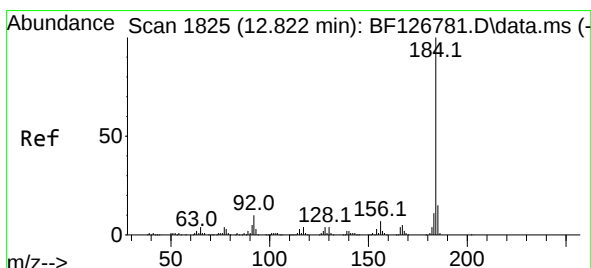
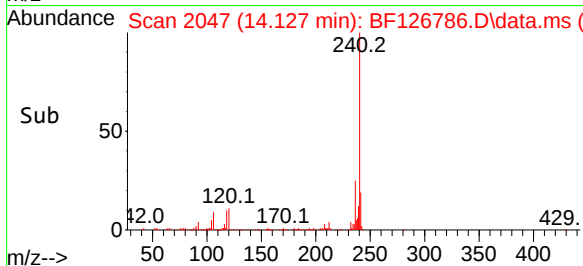
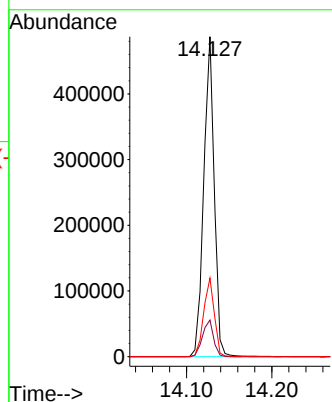
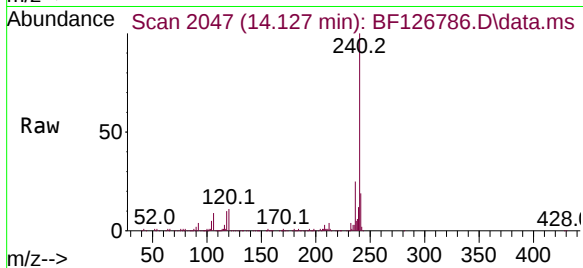
Tgt Ion:240 Resp: 416402

Ion Ratio Lower Upper

240 100

120 11.4 14.4 21.6#

236 24.5 20.5 30.7



#77

Benzidine

Concen: 2.547 ng

RT: 13.075 min Scan# 1868

Delta R.T. 0.253 min

Lab File: BF126786.D

Acq: 02 Feb 2022 15:16

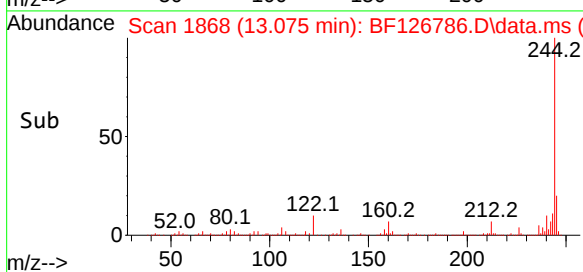
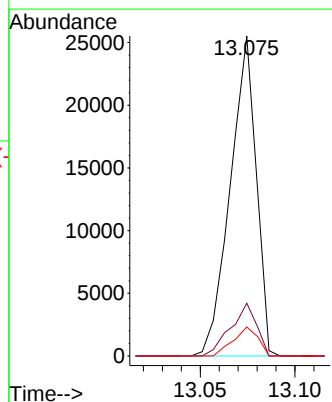
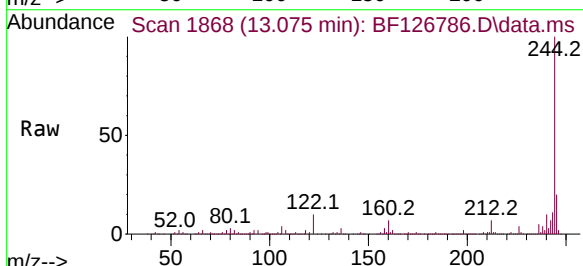
Tgt Ion:184 Resp: 24332

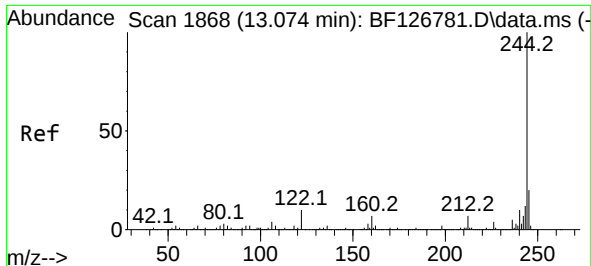
Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

183 9.0 8.2 12.2

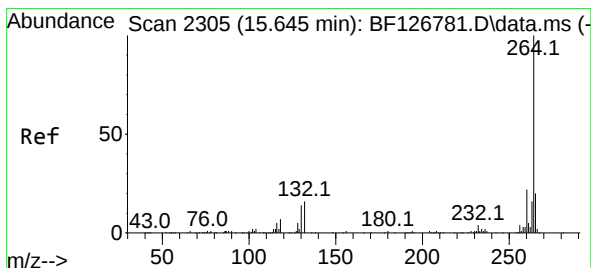
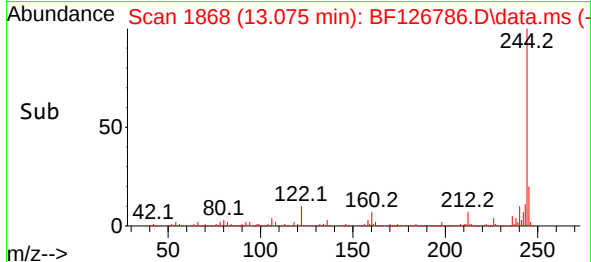
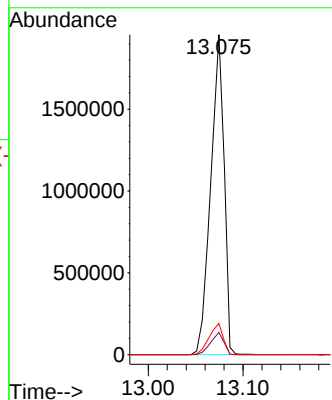
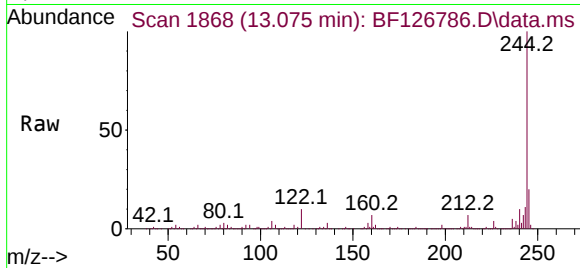




#79
 Terphenyl-d14
 Concen: 77.168 ng
 RT: 13.075 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126786.D
 Acq: 02 Feb 2022 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB142123BL

Tgt Ion:244 Resp: 1920855
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 9.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126786.D
 Acq: 02 Feb 2022 15:16

Tgt Ion:264 Resp: 259874
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.7 17.4 26.2

