

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127009.D
 Acq On : 22 Feb 2022 15:22
 Operator : CG\JU
 Sample : PB142832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142832BL

Quant Time: Feb 22 23:58:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

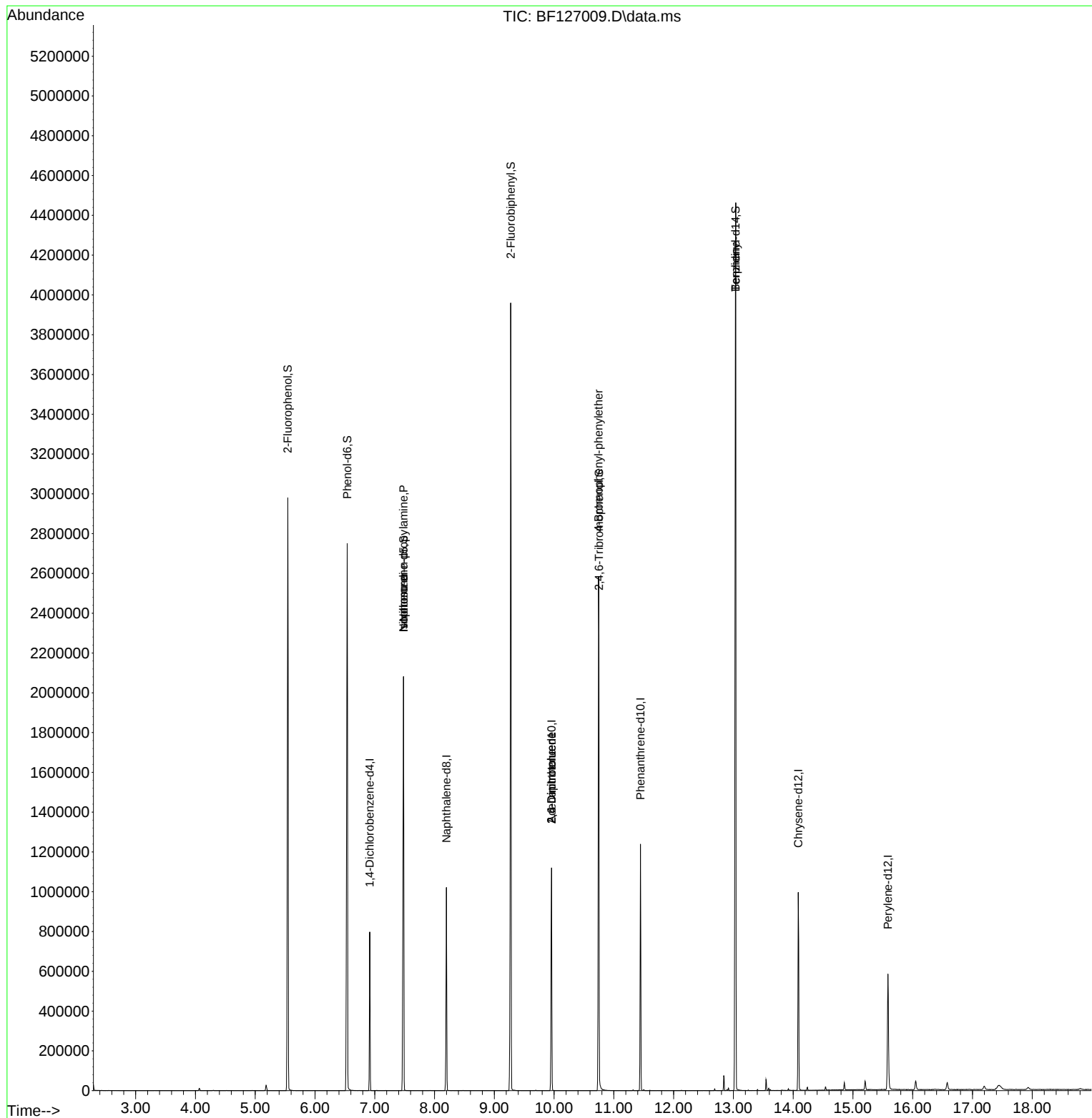
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	97001	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	398457	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	211137	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	393502	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	305096	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	249843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	778000	123.963	ng	0.00
7) Phenol-d6	6.539	99	1024640	120.993	ng	0.00
23) Nitrobenzene-d5	7.481	82	737091	83.498	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	326939	134.490	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1199307	83.622	ng	0.00
79) Terphenyl-d14	13.039	244	1581926	76.222	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	99751	18.280	ng	# 81
25) Isophorone	7.481	82	736669	50.431	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	26349	8.581	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	26349	6.347	ng	# 16
67) 4-Bromophenyl-phenylether	10.745	248	19384	4.409	ng	# 1
77) Benzidine	13.039	184	23133	2.790	ng	95

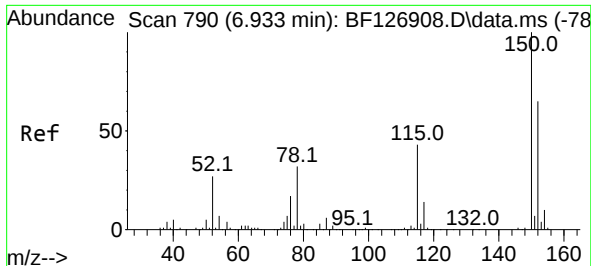
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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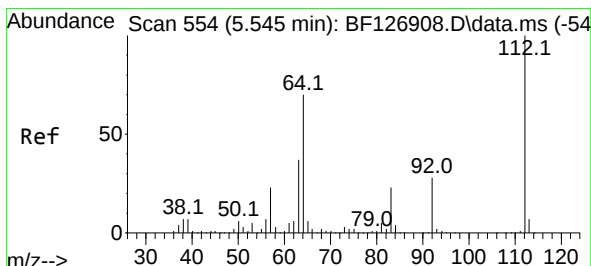
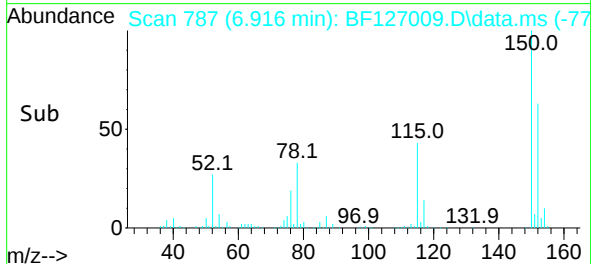
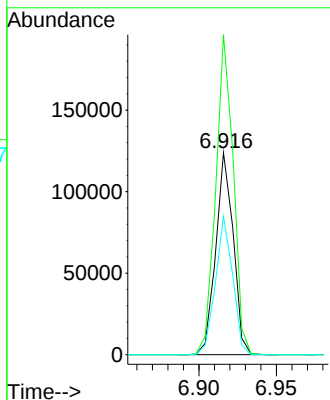
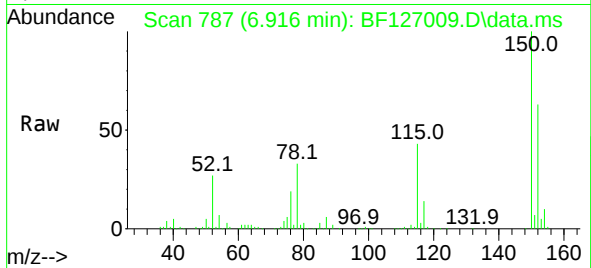




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

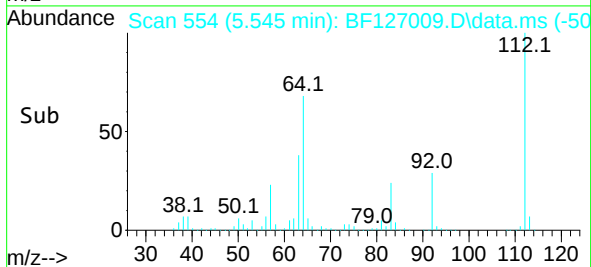
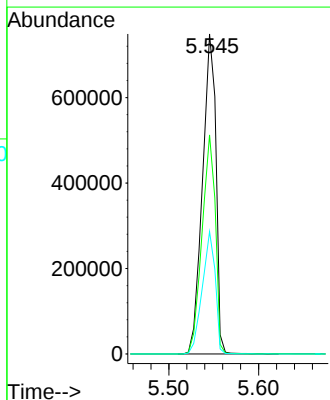
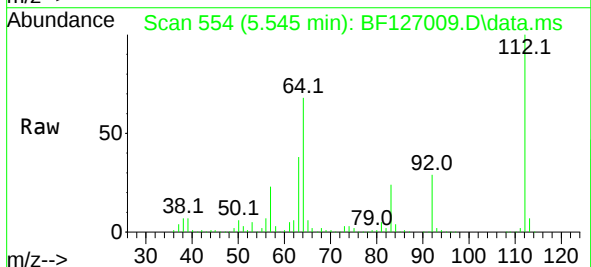
Instrument :
BNA_F
ClientSampleId :
PB142832BL

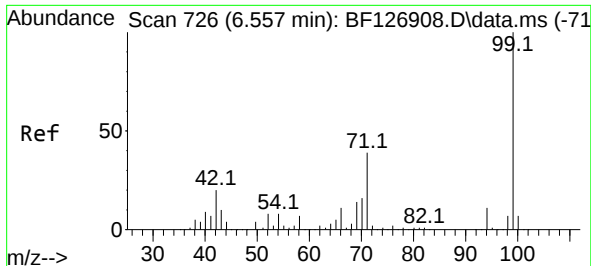
Tgt Ion:152 Resp: 97001
Ion Ratio Lower Upper
152 100
150 158.4 128.1 192.1
115 68.5 56.7 85.1



#5
2-Fluorophenol
Concen: 123.963 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

Tgt Ion:112 Resp: 778000
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 38.3 23.9 35.9#

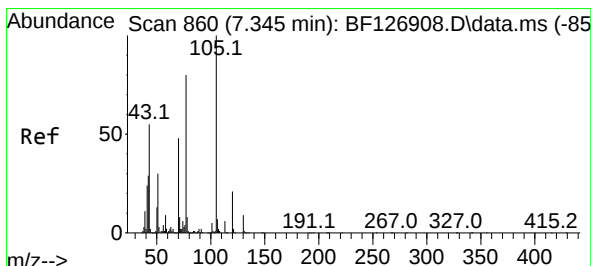
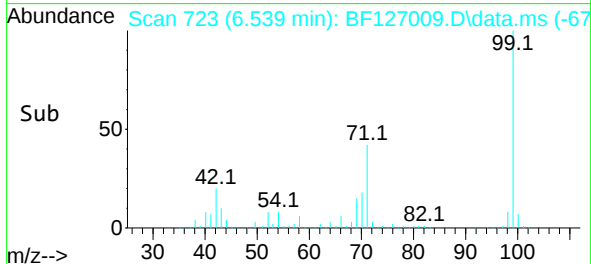
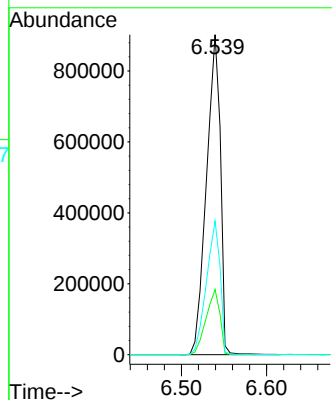
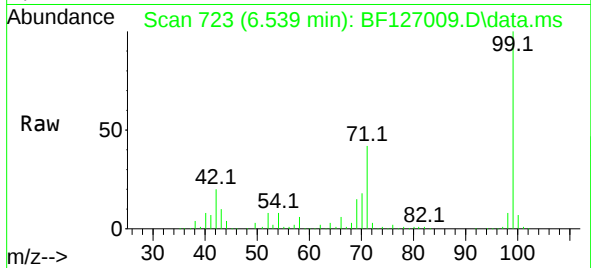




#7
Phenol-d6
Concen: 120.993 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

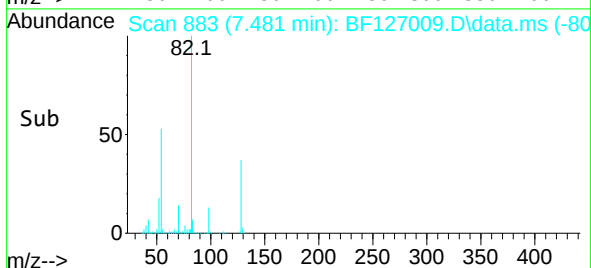
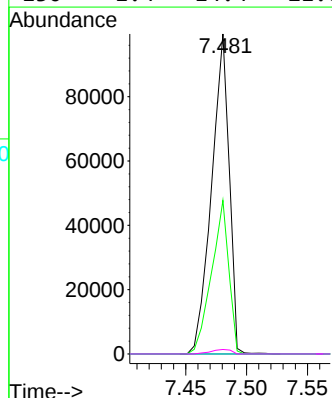
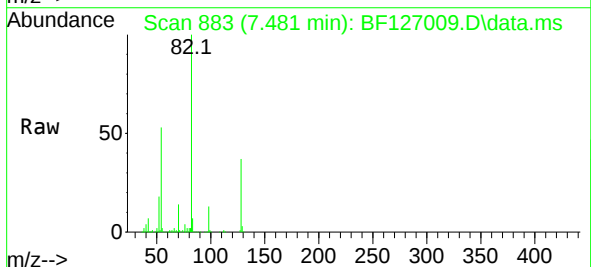
Instrument :
BNA_F
ClientSampleId :
PB142832BL

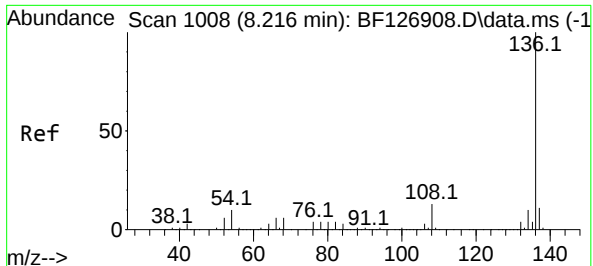
Tgt Ion: 99 Resp: 1024640
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 41.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.280 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

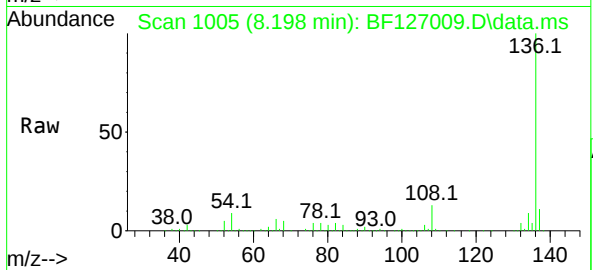
Tgt Ion: 70 Resp: 99751
Ion Ratio Lower Upper
70 100
42 48.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



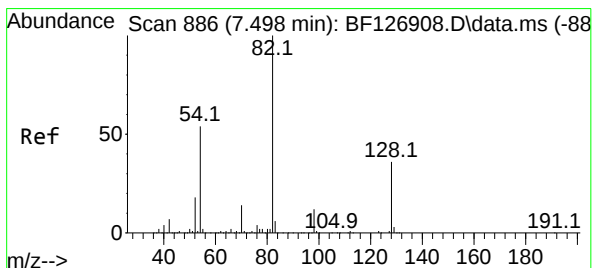
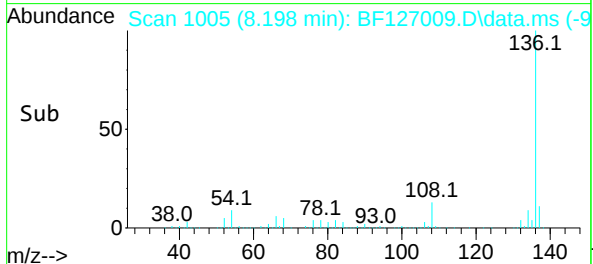
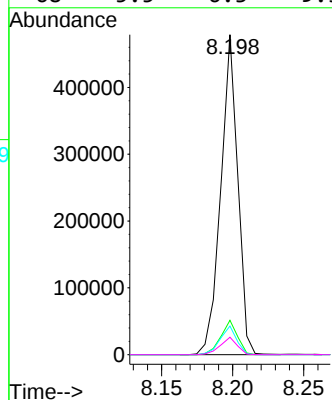


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

Instrument :
BNA_F
ClientSampleId :
PB142832BL

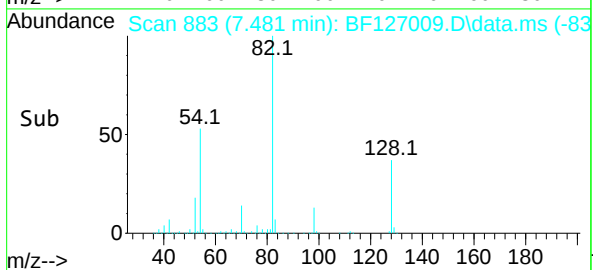
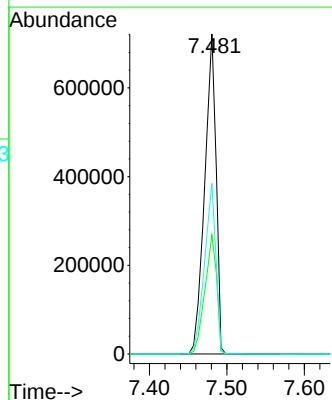
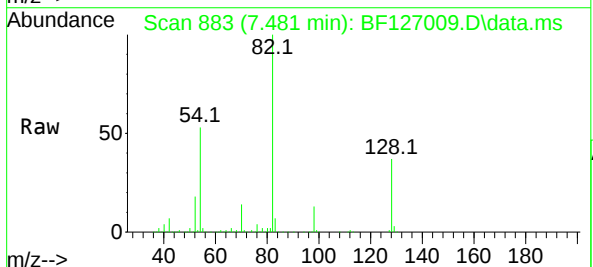


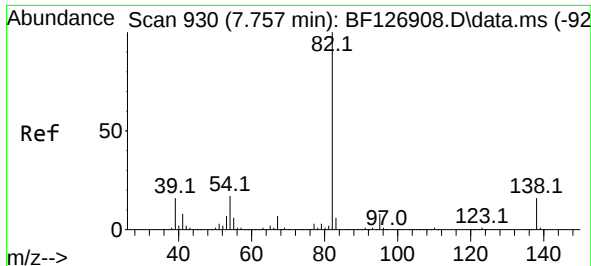
Tgt Ion:136 Resp: 398457
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.8 11.6
68 5.5 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.498 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

Tgt Ion: 82 Resp: 737091
Ion Ratio Lower Upper
82 100
128 37.3 32.7 49.1
54 53.3 41.7 62.5

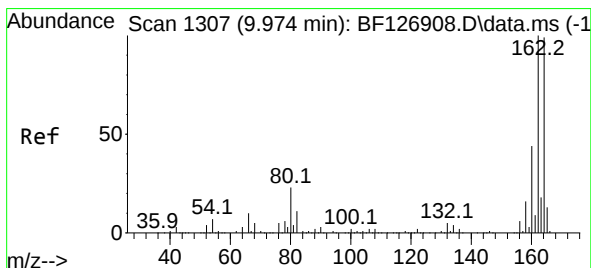
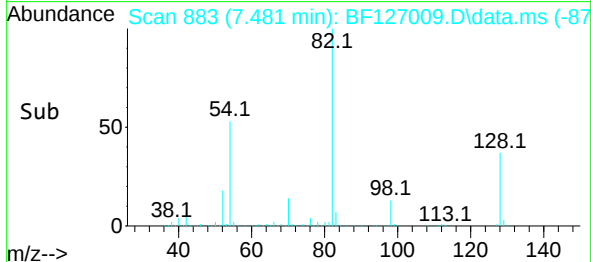
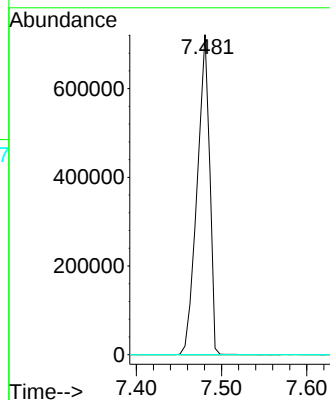
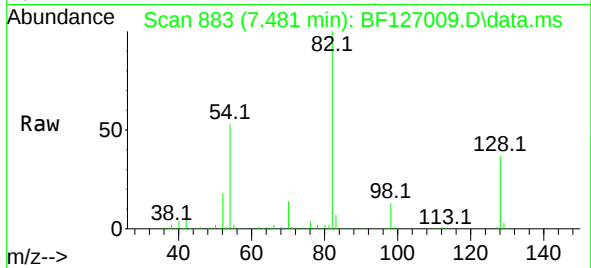




#25
Isophorone
Concen: 50.431 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

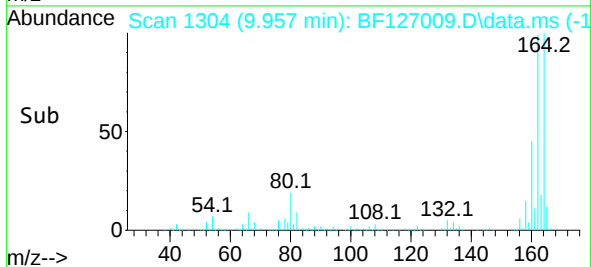
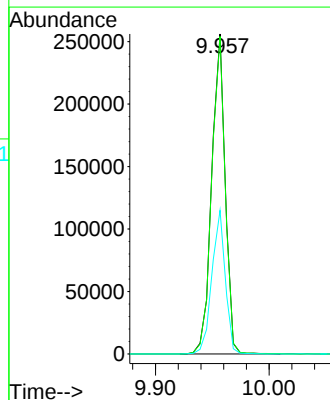
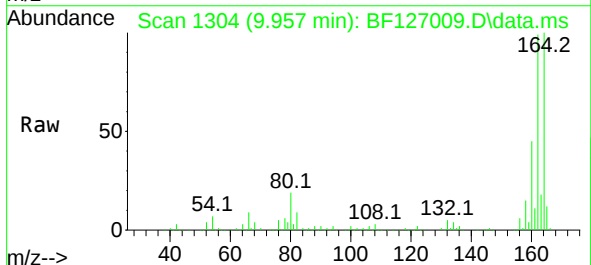
Instrument :
BNA_F
ClientSampleId :
PB142832BL

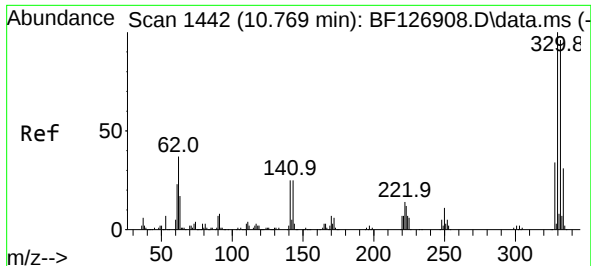
Tgt Ion: 82 Resp: 736669
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

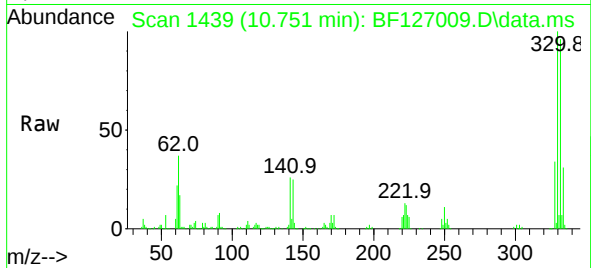
Tgt Ion: 164 Resp: 211137
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 44.9 36.6 54.8



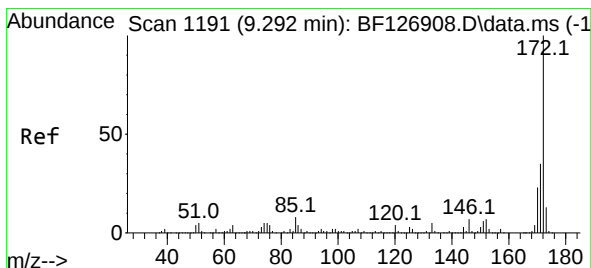
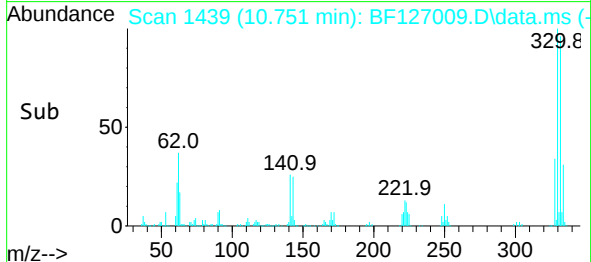
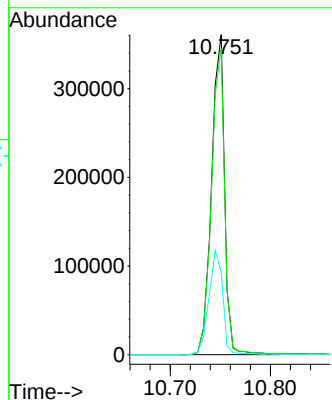


#42
2,4,6-Tribromophenol
Concen: 134.490 ng
RT: 10.751 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

Instrument :
BNA_F
ClientSampleId :
PB142832BL

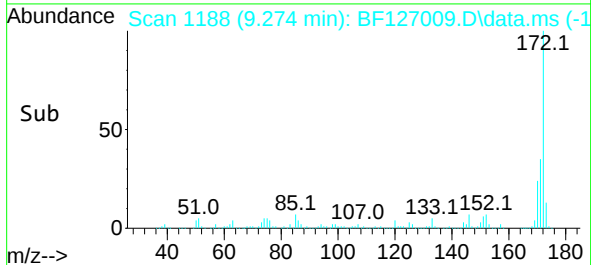
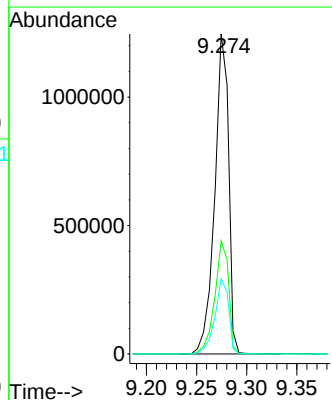
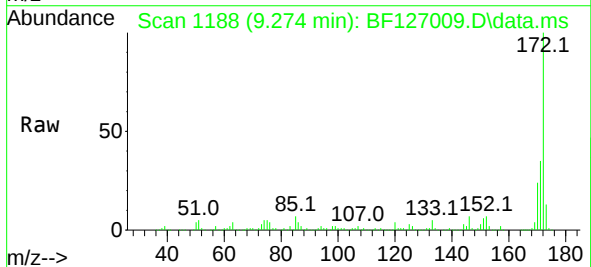


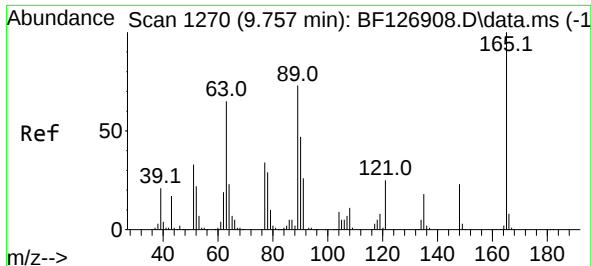
Tgt Ion:330 Resp: 326939
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 35.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 83.622 ng
RT: 9.274 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

Tgt Ion:172 Resp: 1199307
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.581 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF127009.D

Acq: 22 Feb 2022 15:22

Instrument :

BNA_F

ClientSampleId :

PB142832BL

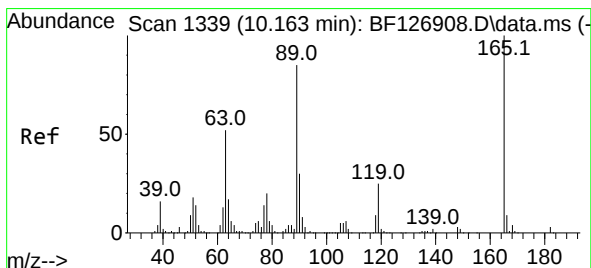
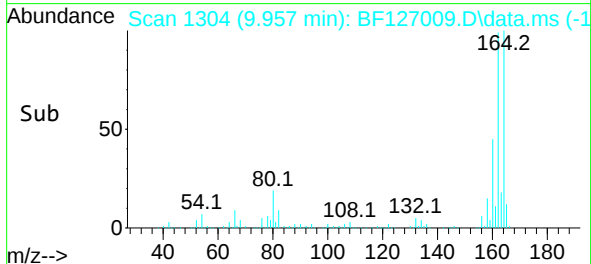
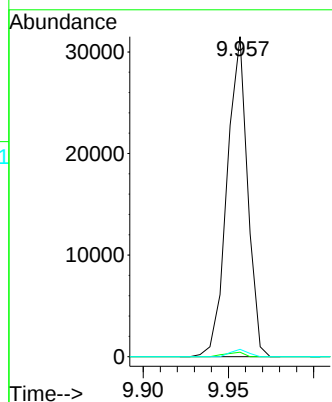
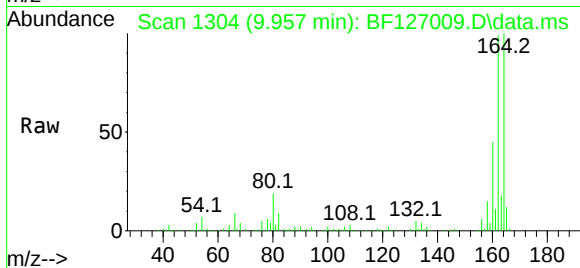
Tgt Ion:165 Resp: 26349

Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 2.3 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.347 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF127009.D

Acq: 22 Feb 2022 15:22

Tgt Ion:165 Resp: 26349

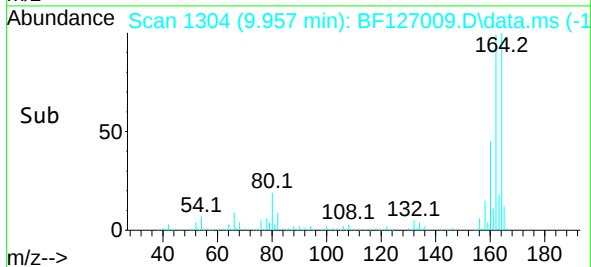
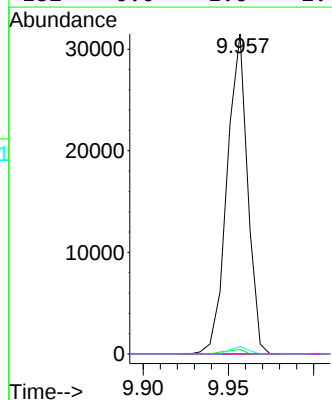
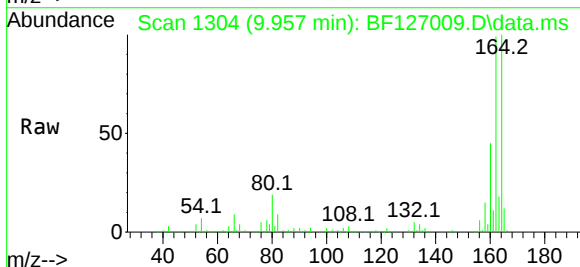
Ion Ratio Lower Upper

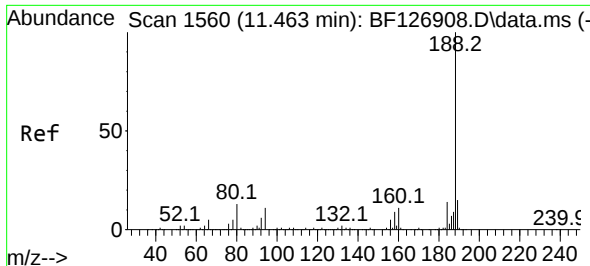
165 100

63 1.4 43.0 64.6#

89 2.3 71.0 106.4#

182 0.0 1.6 2.4#

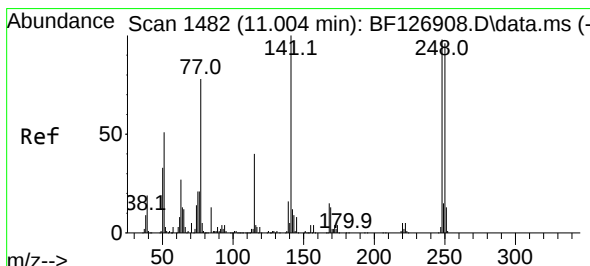
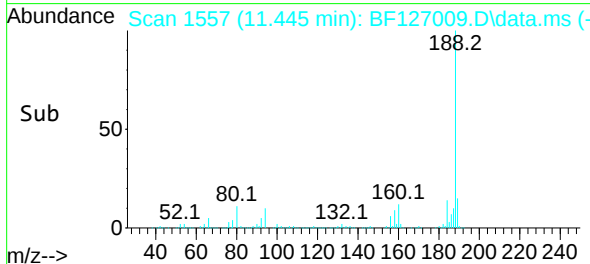
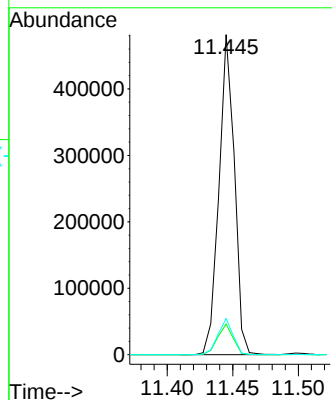
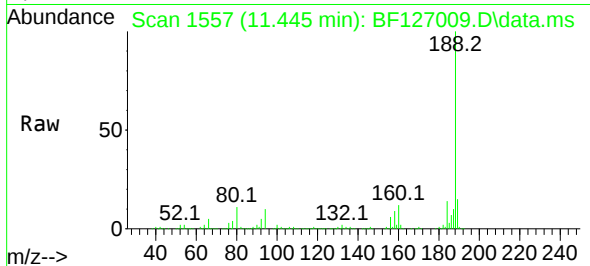




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

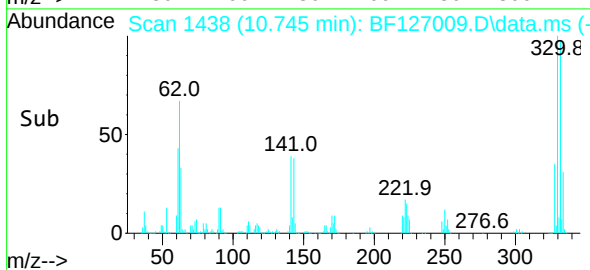
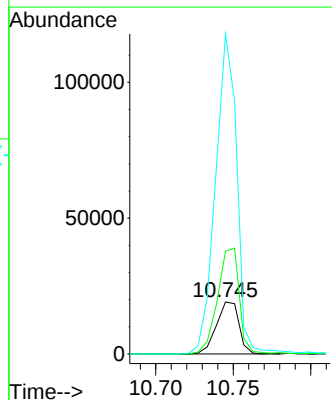
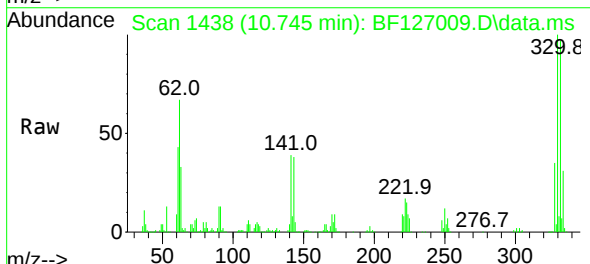
Instrument :
BNA_F
ClientSampleId :
PB142832BL

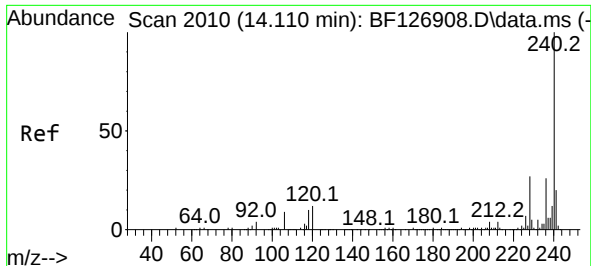
Tgt Ion:188 Resp: 393502
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 11.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.409 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

Tgt Ion:248 Resp: 19384
Ion Ratio Lower Upper
248 100
250 197.3 76.2 114.4#
141 614.6 66.2 99.4#

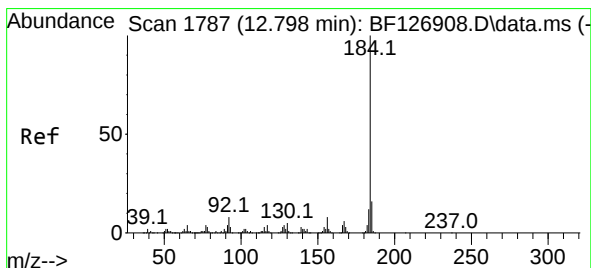
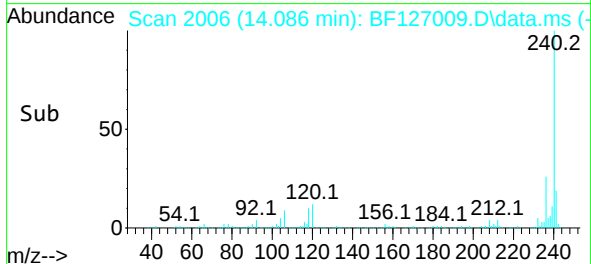
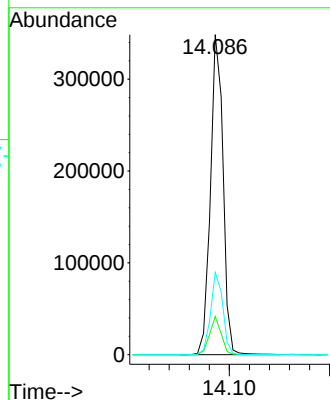
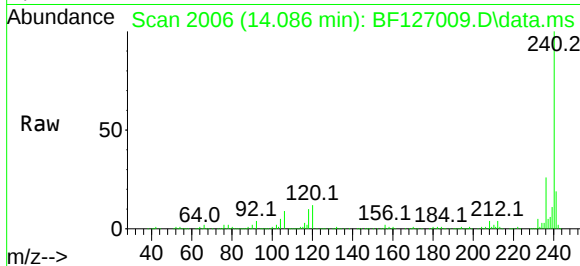




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

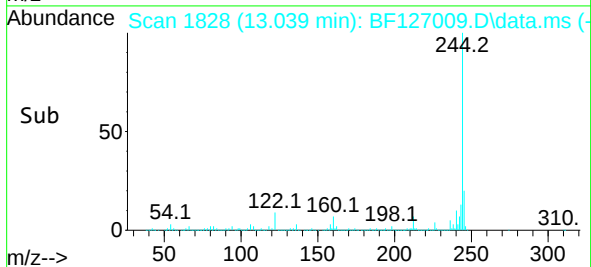
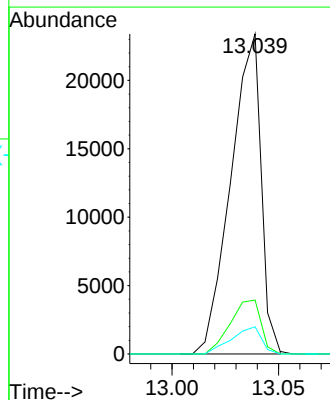
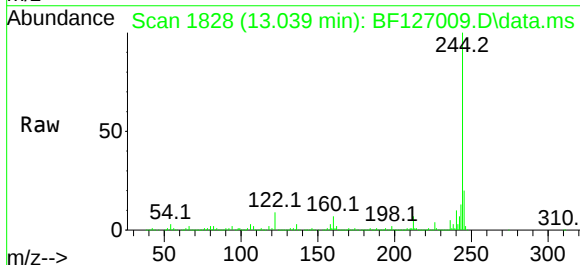
Instrument :
BNA_F
ClientSampleId :
PB142832BL

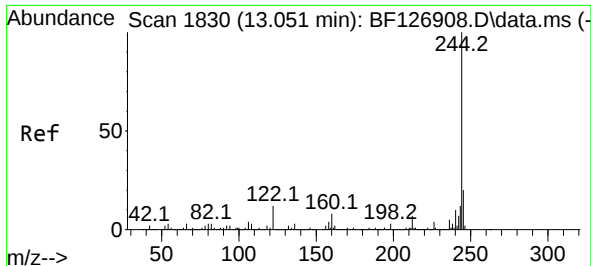
Tgt Ion:240 Resp: 305096
Ion Ratio Lower Upper
240 100
120 11.9 14.4 21.6#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.790 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF127009.D
Acq: 22 Feb 2022 15:22

Tgt Ion:184 Resp: 23133
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.8
183 8.5 8.2 12.2

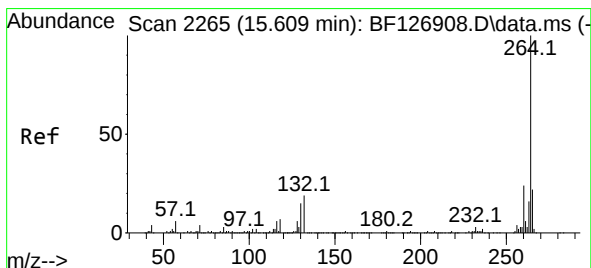
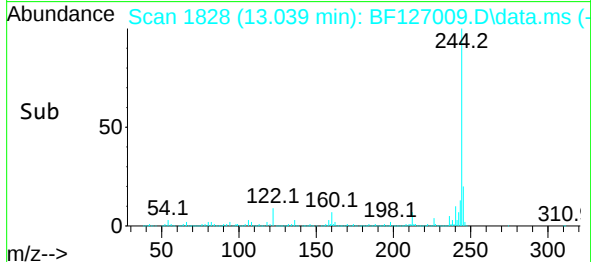
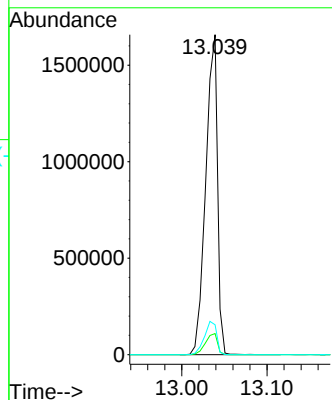
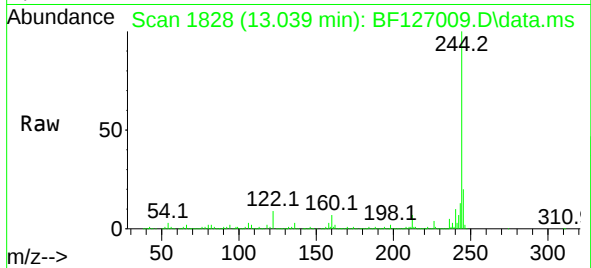




#79
 Terphenyl-d14
 Concen: 76.222 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127009.D
 Acq: 22 Feb 2022 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB142832BL

Tgt Ion:244 Resp: 1581926
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 9.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF127009.D
 Acq: 22 Feb 2022 15:22

Tgt Ion:264 Resp: 249843
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.9 17.4 26.2

