

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127209.D
 Acq On : 04 Mar 2022 19:10
 Operator : CG\JU
 Sample : N1793-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Mar 05 02:21:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

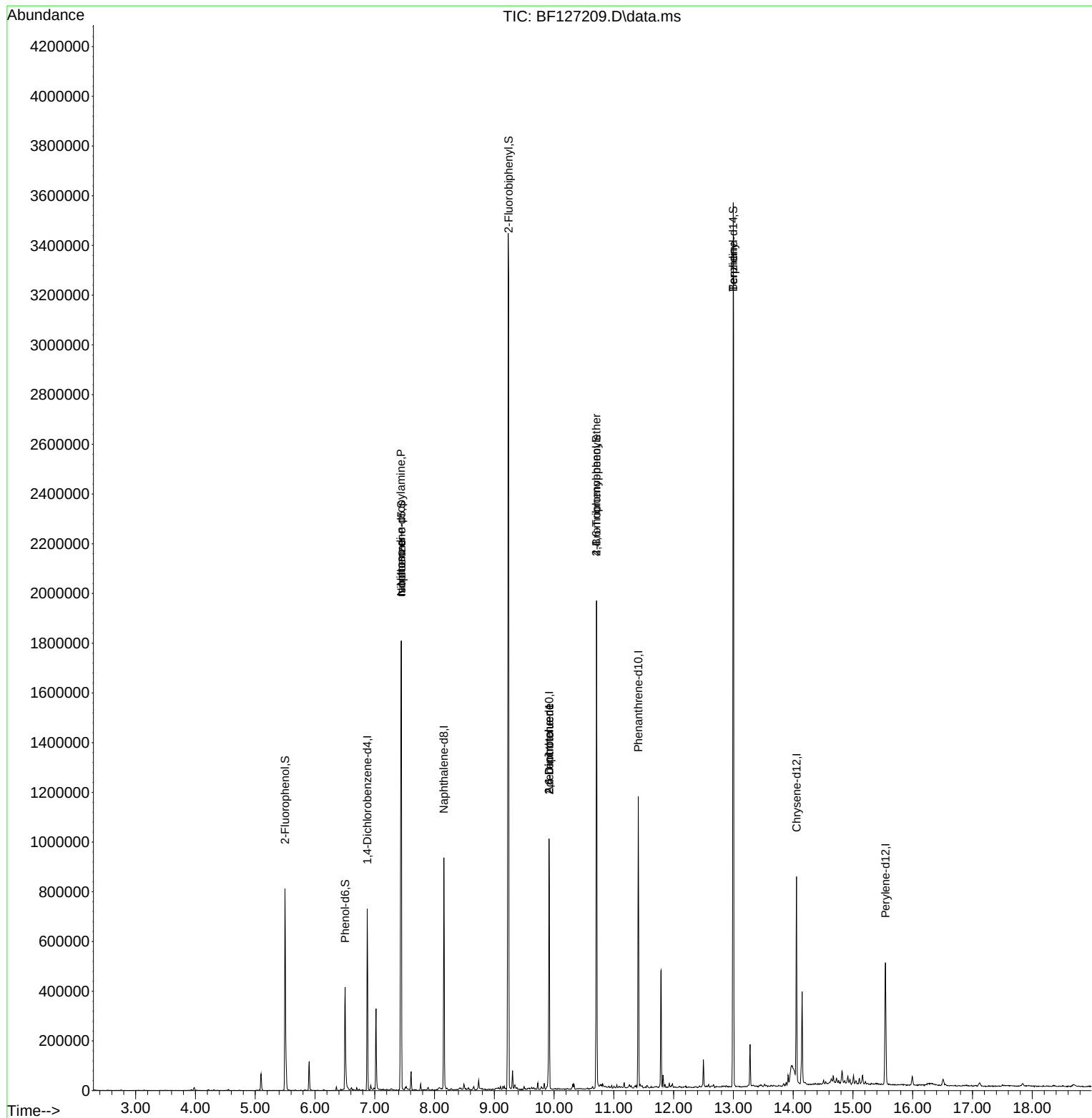
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	92361	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	375799	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	197415	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	361586	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	248460	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	195914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	195315	32.684	ng	0.00
7) Phenol-d6	6.504	99	154045	19.104	ng	-0.01
23) Nitrobenzene-d5	7.445	82	683394	82.083	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	225290	99.117	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1150034	85.760	ng	0.00
79) Terphenyl-d14	12.998	244	1287927	76.202	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	93654	18.025	ng	# 78
25) Isophorone	7.445	82	683384	49.604	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	25331	8.823	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	25331	6.526	ng	# 16
67) 4-Bromophenyl-phenylether	10.710	248	13383	3.313	ng	# 1
77) Benzidine	12.998	184	18661	2.764	ng	# 95

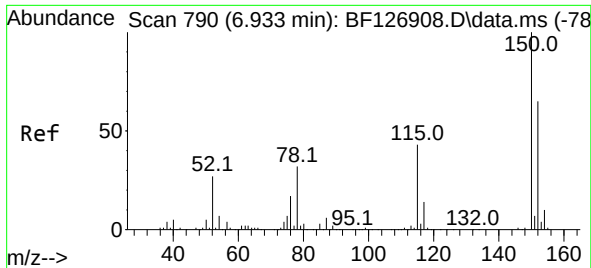
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
Data File : BF127209.D
Acq On : 04 Mar 2022 19:10
Operator : CG\JU
Sample : N1793-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

Quant Time: Mar 05 02:21:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
Response via : Initial Calibration

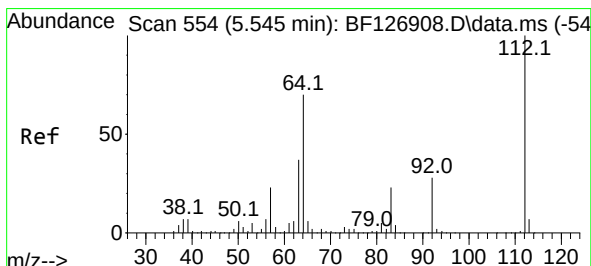
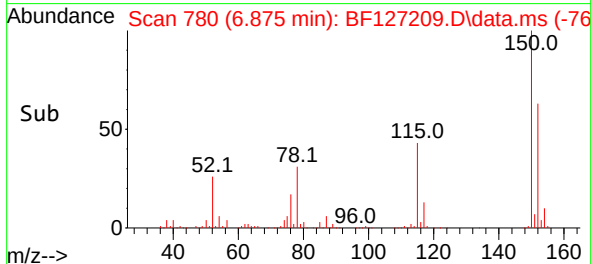
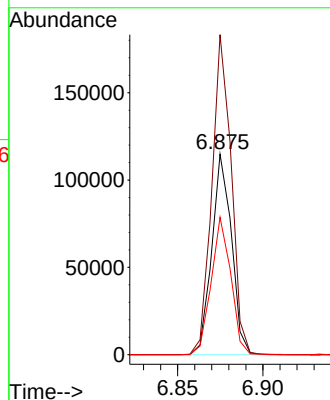
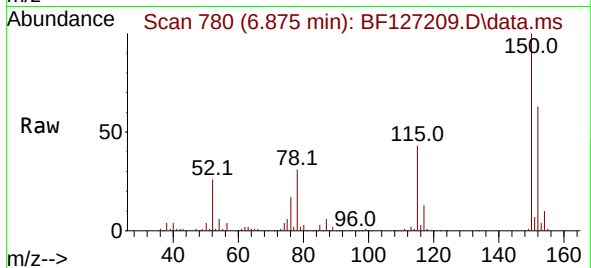




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

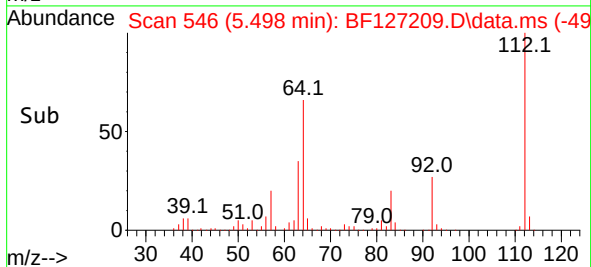
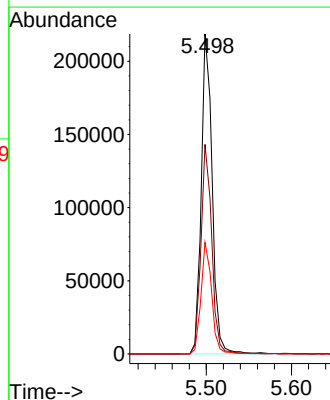
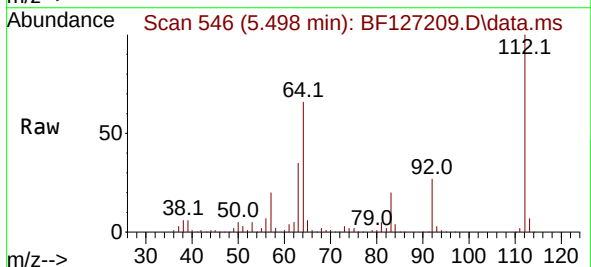
Instrument :
BNA_F
ClientSampleId :
SB-5

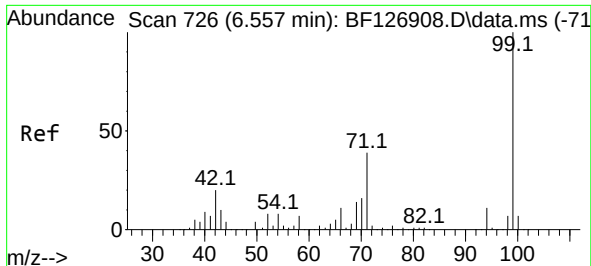
Tgt Ion:152 Resp: 92361
Ion Ratio Lower Upper
152 100
150 159.6 128.1 192.1
115 68.5 56.7 85.1



#5
2-Fluorophenol
Concen: 32.684 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

Tgt Ion:112 Resp: 195315
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 34.9 23.9 35.9

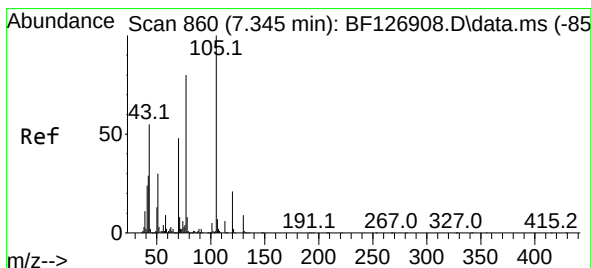
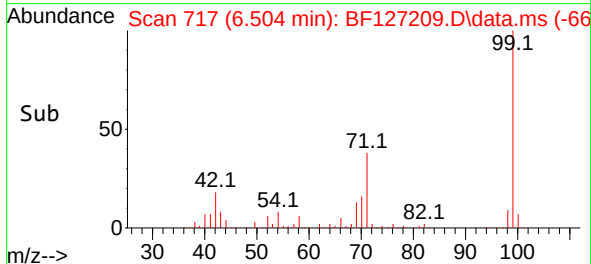
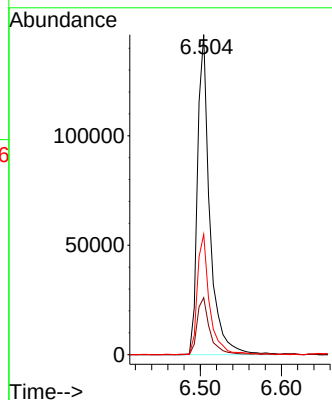
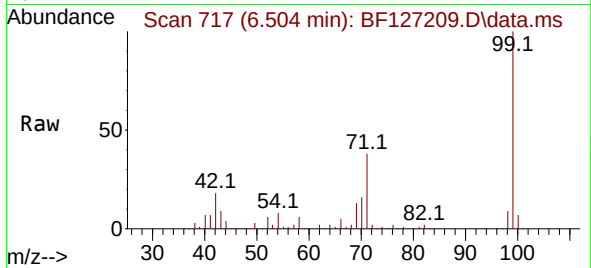




#7
Phenol-d6
Concen: 19.104 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

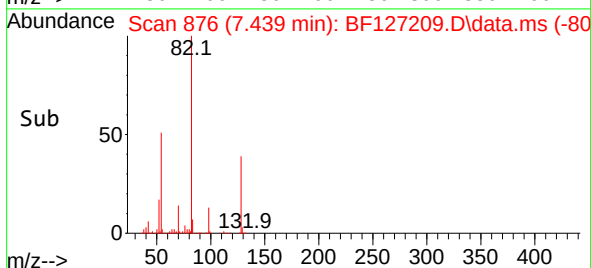
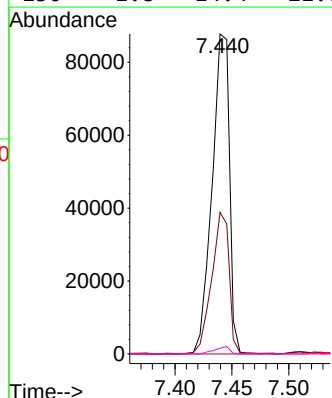
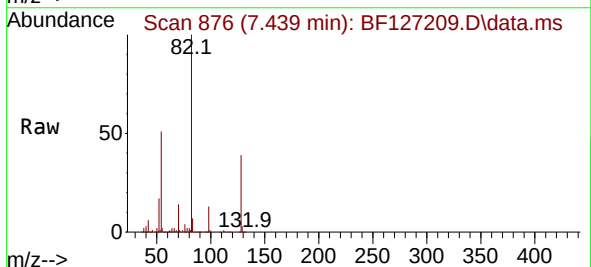
Instrument :
BNA_F
ClientSampleId :
SB-5

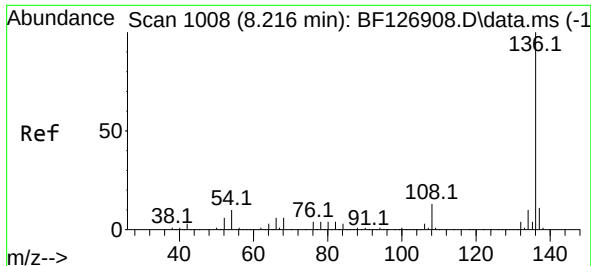
Tgt Ion: 99 Resp: 154045
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 37.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.025 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

Tgt Ion: 70 Resp: 93654
Ion Ratio Lower Upper
70 100
42 44.2 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

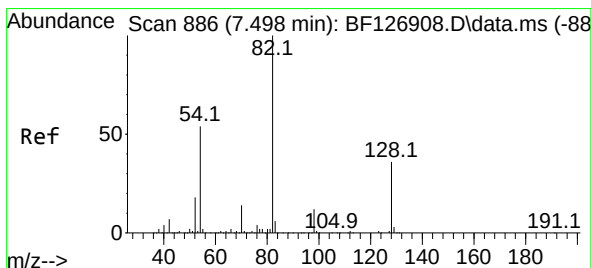
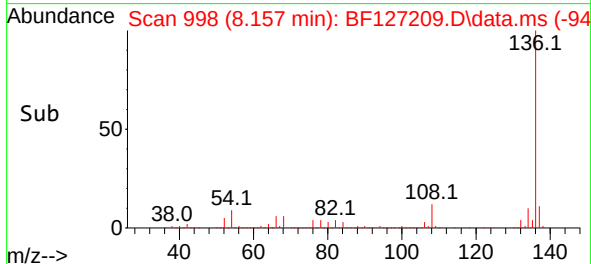
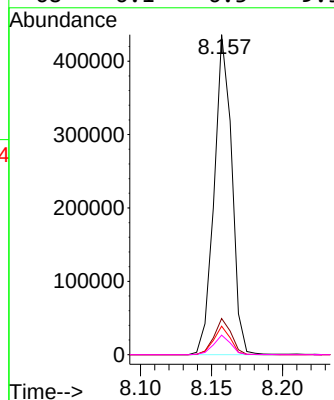
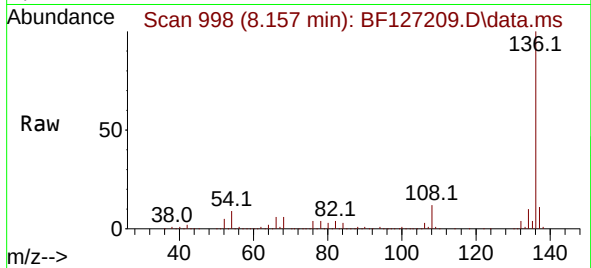




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

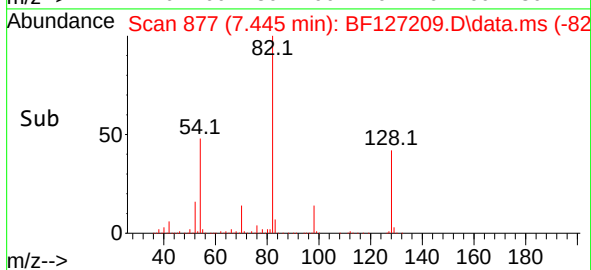
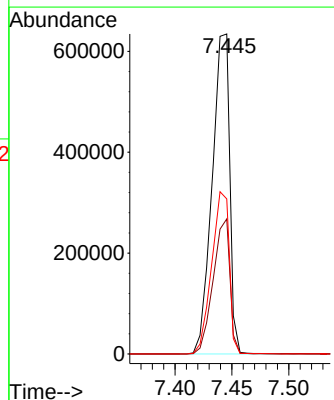
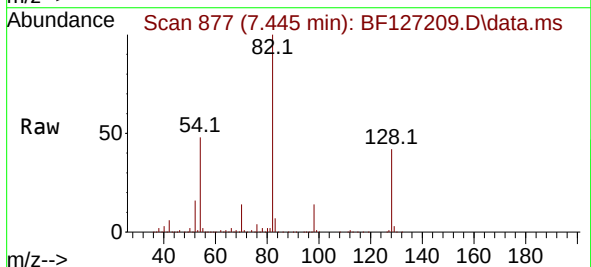
Instrument :
BNA_F
ClientSampleId :
SB-5

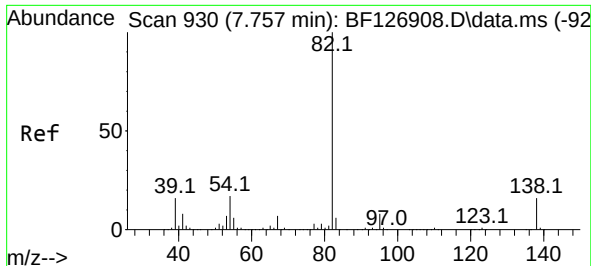
Tgt Ion:136 Resp: 375799
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.083 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

Tgt Ion: 82 Resp: 683394
Ion Ratio Lower Upper
82 100
128 42.2 32.7 49.1
54 48.5 41.7 62.5

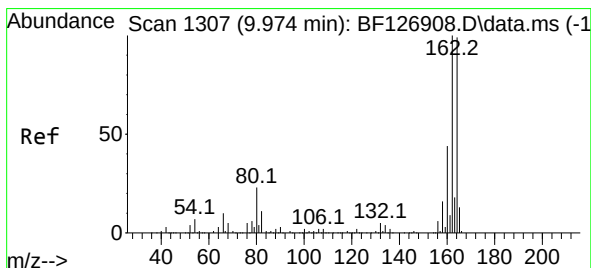
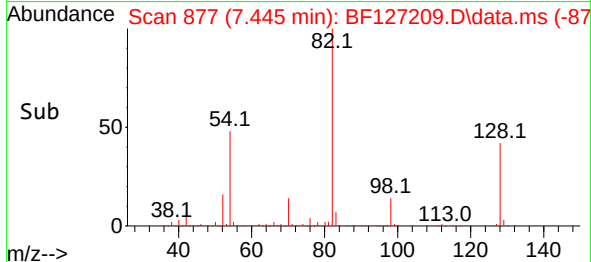
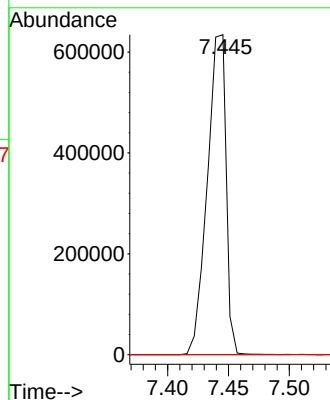
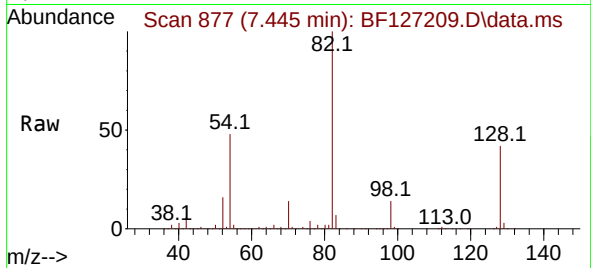




#25
Isophorone
Concen: 49.604 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

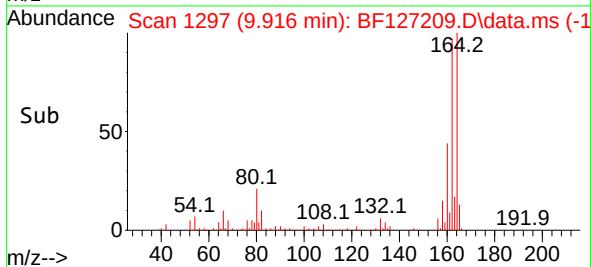
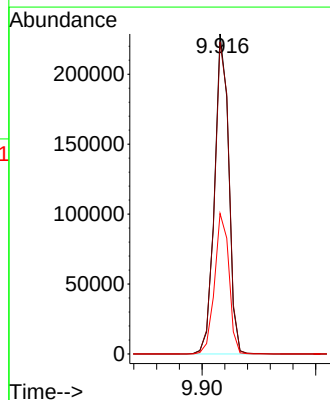
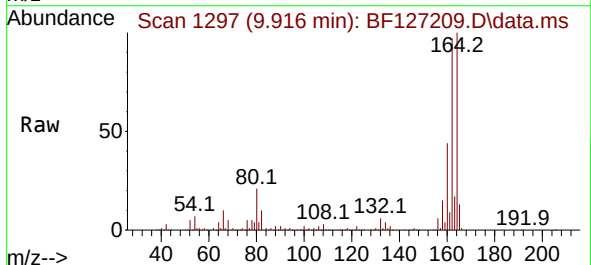
Instrument :
BNA_F
ClientSampleId :
SB-5

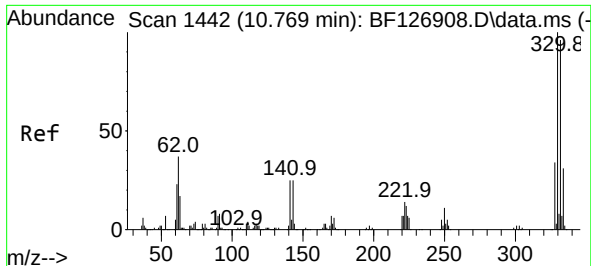
Tgt Ion: 82 Resp: 683384
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

Tgt Ion:164 Resp: 197415
Ion Ratio Lower Upper
164 100
162 97.5 81.4 122.0
160 43.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 99.117 ng

RT: 10.710 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127209.D

Acq: 04 Mar 2022 19:10

Instrument :

BNA_F

ClientSampleId :

SB-5

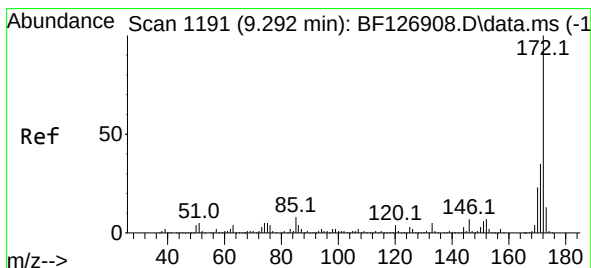
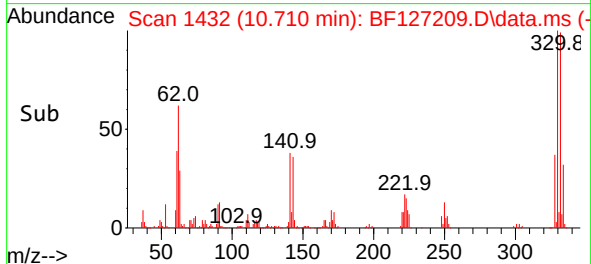
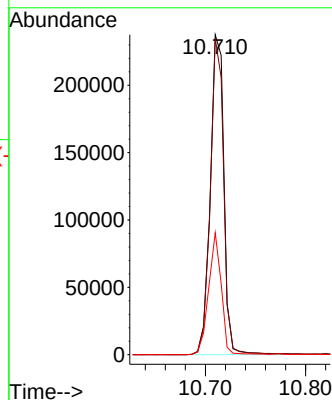
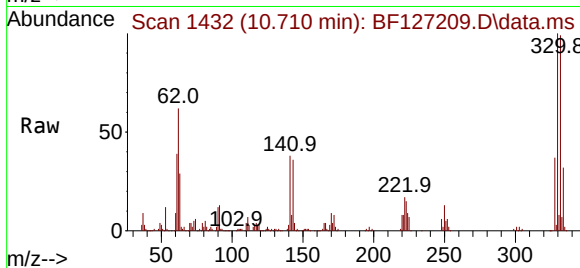
Tgt Ion:330 Resp: 225290

Ion Ratio Lower Upper

330 100

332 97.0 76.0 114.0

141 35.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 85.760 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127209.D

Acq: 04 Mar 2022 19:10

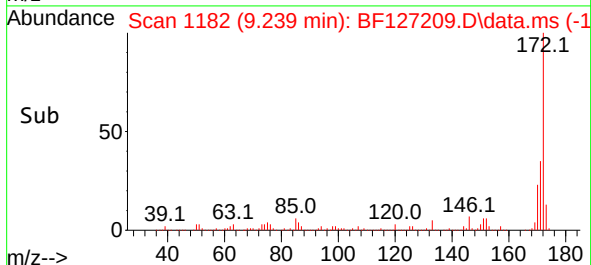
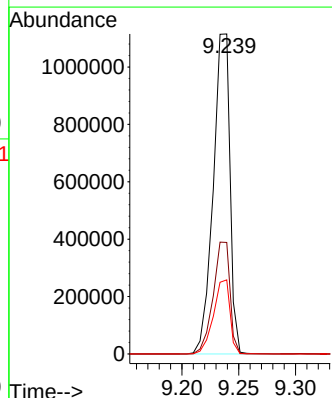
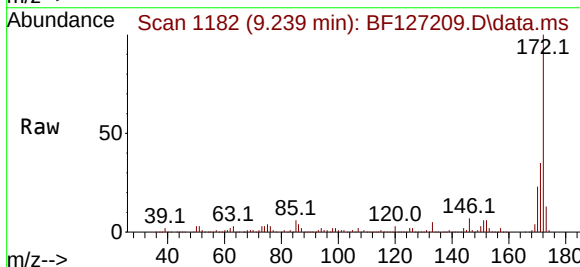
Tgt Ion:172 Resp: 1150034

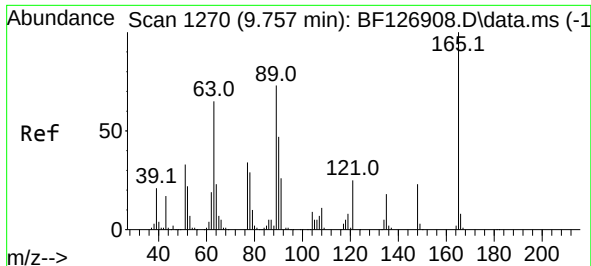
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.1 19.0 28.6

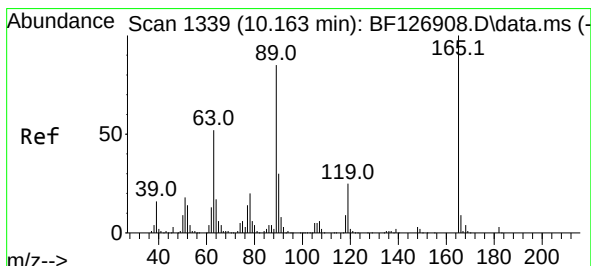
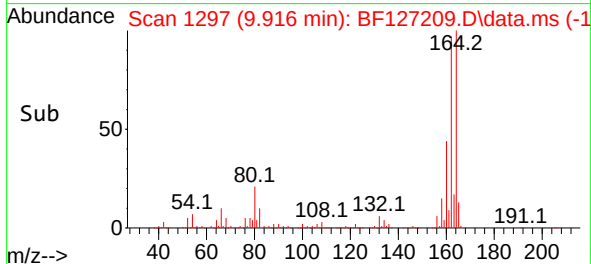
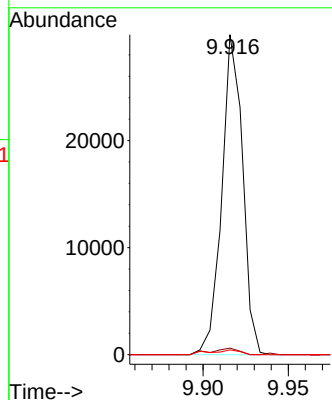
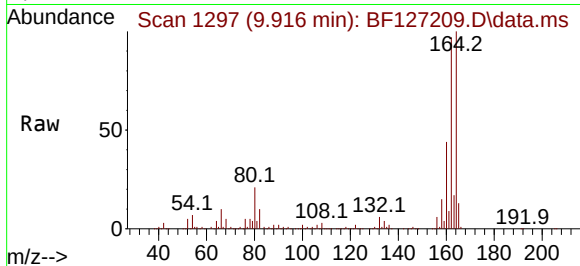




#51
2,6-Dinitrotoluene
Concen: 8.823 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

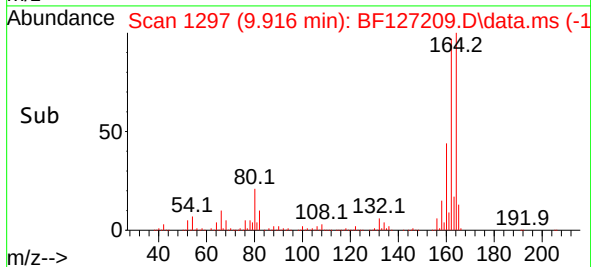
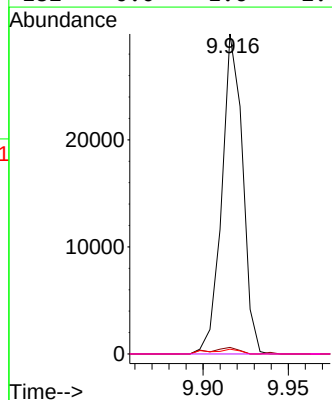
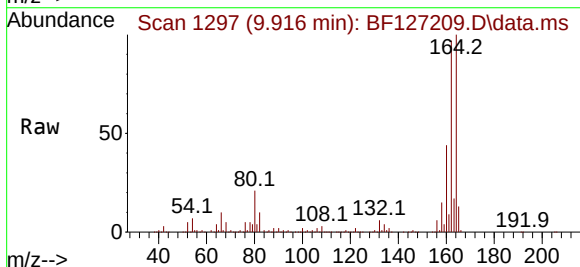
Instrument :
BNA_F
ClientSampleId :
SB-5

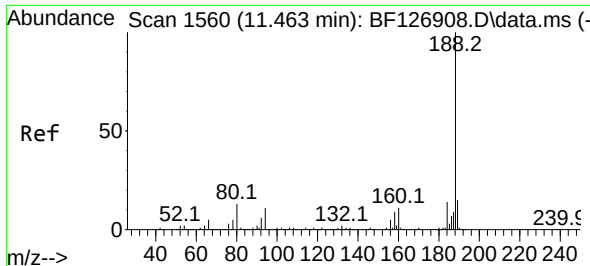
Tgt Ion:165 Resp: 25331
Ion Ratio Lower Upper
165 100
63 2.0 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.526 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

Tgt Ion:165 Resp: 25331
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

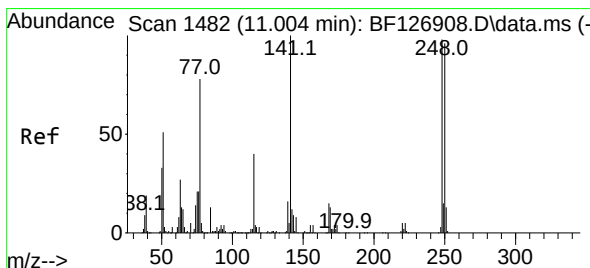
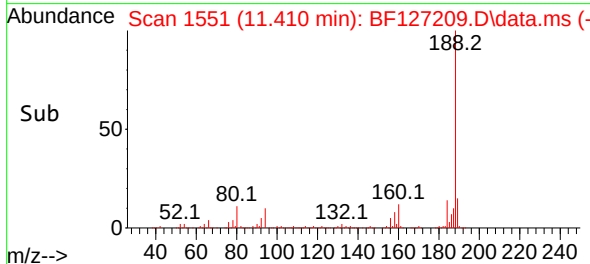
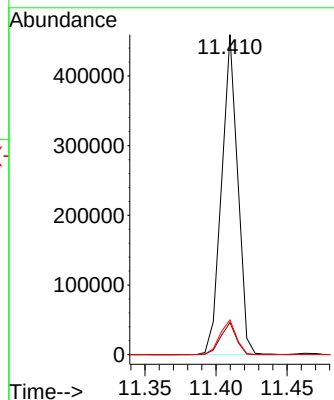
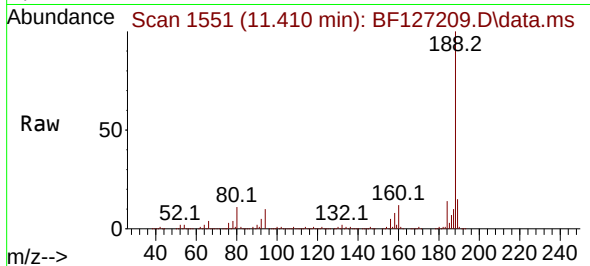




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

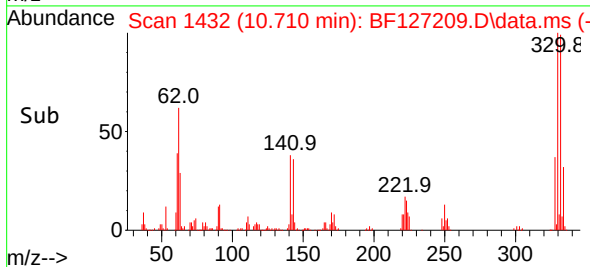
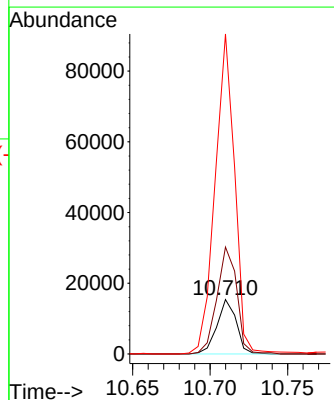
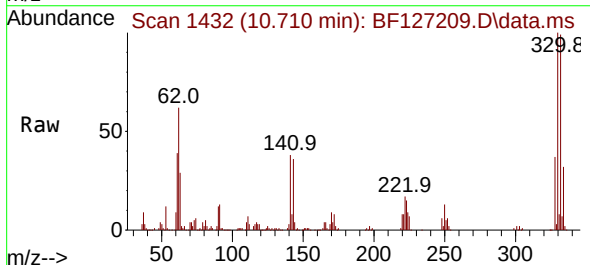
Instrument :
BNA_F
ClientSampleId :
SB-5

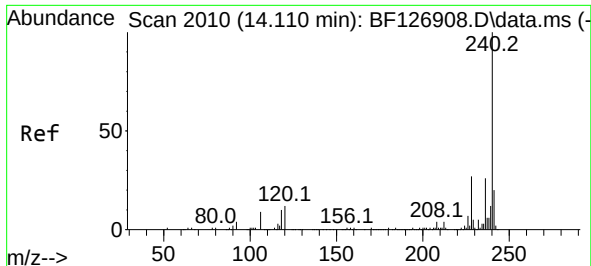
Tgt Ion:188 Resp: 361586
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1#
80 10.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.313 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

Tgt Ion:248 Resp: 13383
Ion Ratio Lower Upper
248 100
250 196.2 76.2 114.4#
141 587.4 66.2 99.4#

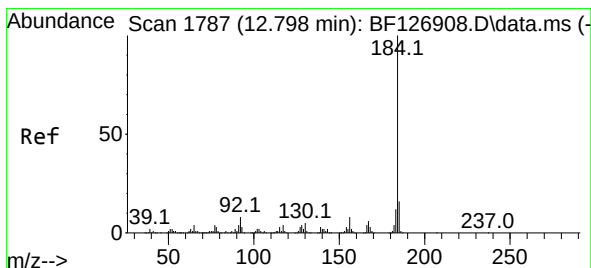
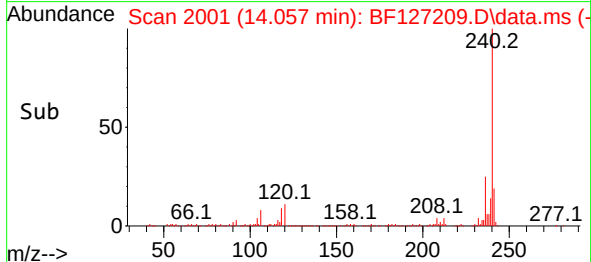
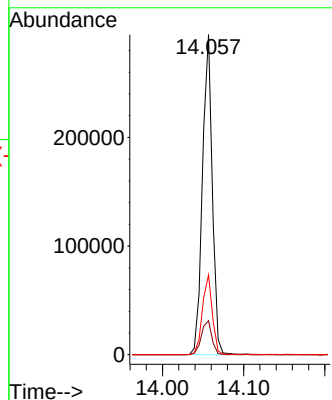
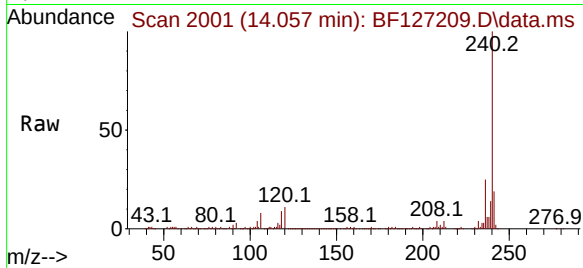




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

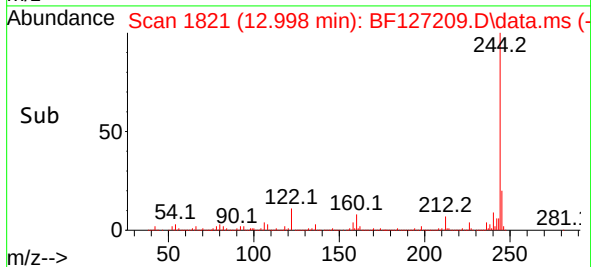
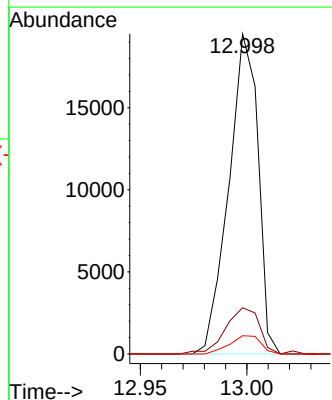
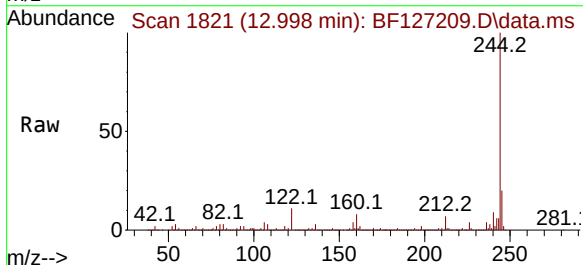
Instrument :
BNA_F
ClientSampleId :
SB-5

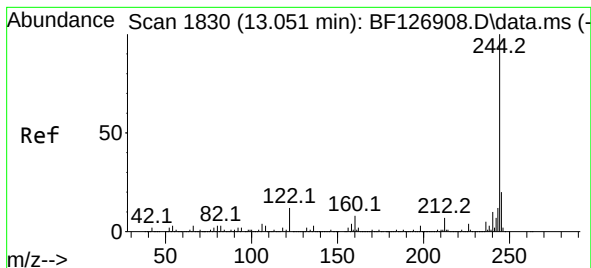
Tgt Ion:240 Resp: 248460
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 24.9 20.5 30.7



#77
Benzidine
Concen: 2.764 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF127209.D
Acq: 04 Mar 2022 19:10

Tgt Ion:184 Resp: 18661
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 5.7 8.2 12.2#





#79

Terphenyl-d14

Concen: 76.202 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127209.D

Acq: 04 Mar 2022 19:10

Instrument :

BNA_F

ClientSampleId :

SB-5

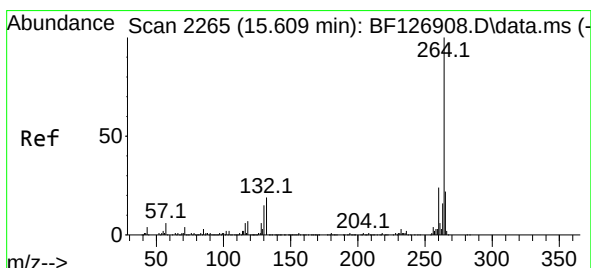
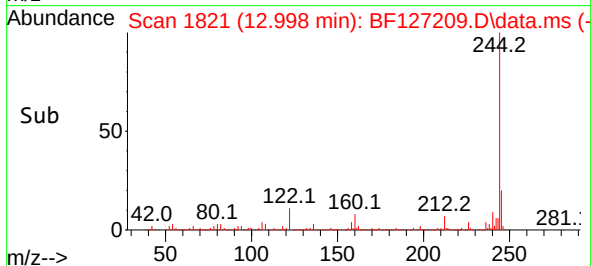
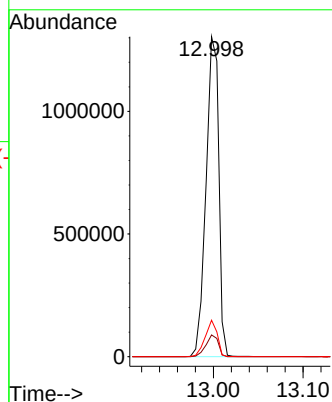
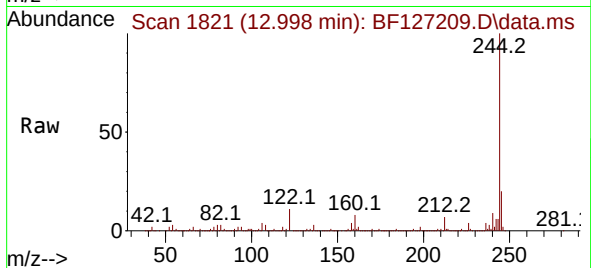
Tgt Ion:244 Resp: 1287927

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 11.4 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2254

Delta R.T. -0.000 min

Lab File: BF127209.D

Acq: 04 Mar 2022 19:10

Tgt Ion:264 Resp: 195914

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.0 17.4 26.2

