

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127210.D
 Acq On : 04 Mar 2022 19:39
 Operator : CG\JU
 Sample : N1793-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Mar 05 02:21:54 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)

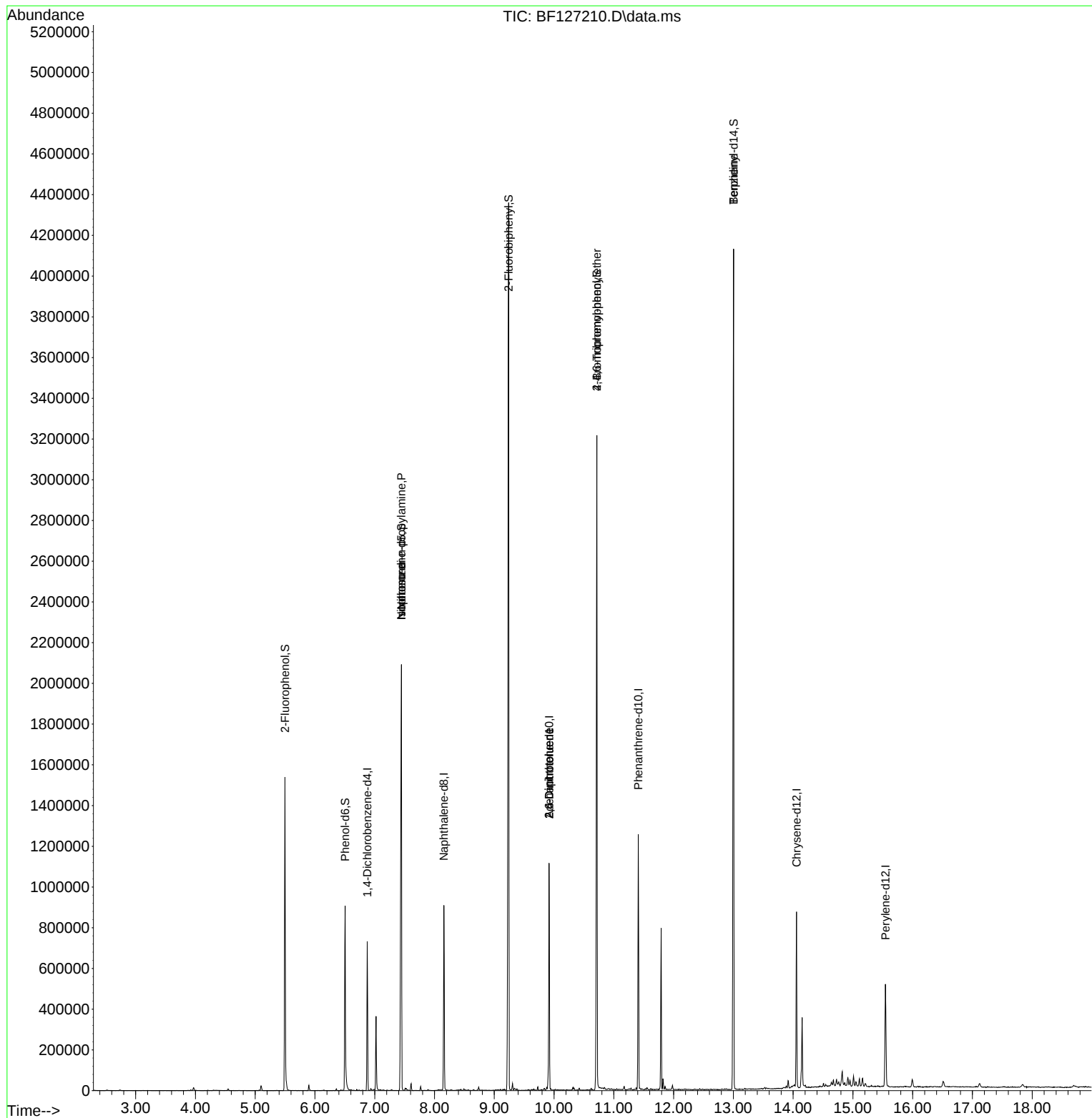
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	90546	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	377721	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	210151	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	382087	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	256937	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	192304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	348021	59.405	ng	0.00
7) Phenol-d6	6.504	99	294089	37.203	ng	-0.01
23) Nitrobenzene-d5	7.446	82	755268	90.254	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	398405	164.657	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	1358605	95.173	ng	0.00
79) Terphenyl-d14	13.004	244	1424456	81.499	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.446	70	103175	20.255	ng	# 78
25) Isophorone	7.446	82	755259	54.542	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	26562	8.691	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	26562	6.428	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	22455	5.260	ng	# 1
77) Benizidine	13.004	184	19924	2.853	ng	# 92

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

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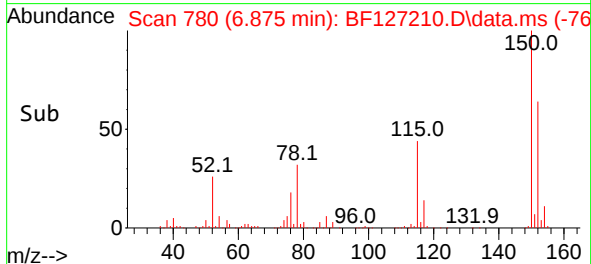
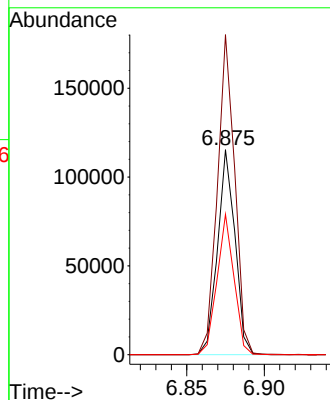
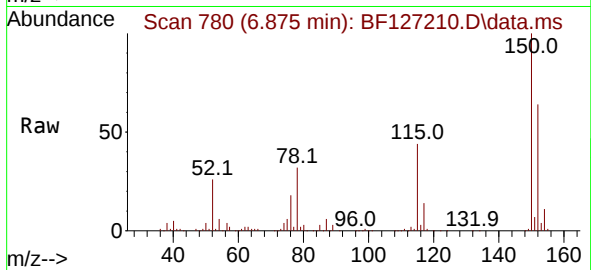




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127210.D
 Acq: 04 Mar 2022 19:39

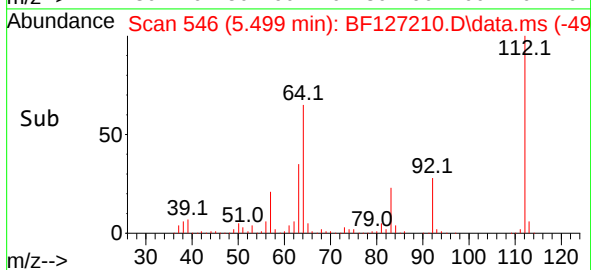
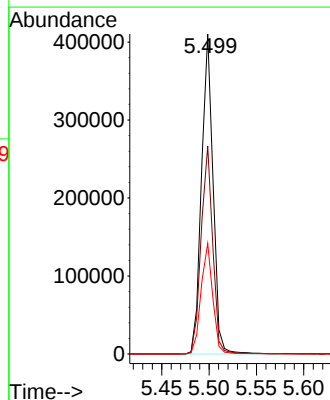
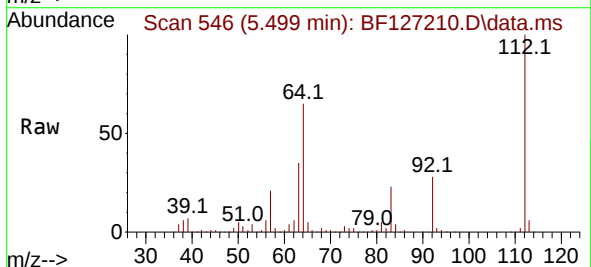
Instrument :
 BNA_F
 ClientSampleId :
 SB-6

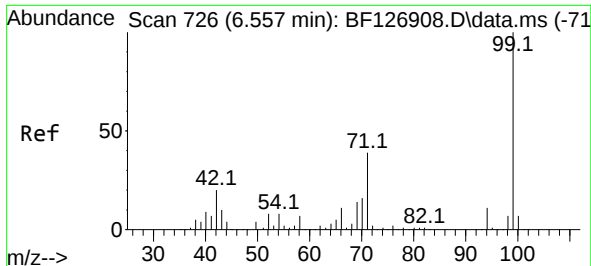
Tgt Ion:152 Resp: 90546
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.1 192.1
 115 68.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 59.405 ng
 RT: 5.499 min Scan# 546
 Delta R.T. 0.000 min
 Lab File: BF127210.D
 Acq: 04 Mar 2022 19:39

Tgt Ion:112 Resp: 348021
 Ion Ratio Lower Upper
 112 100
 64 65.0 49.5 74.3
 63 34.5 23.9 35.9

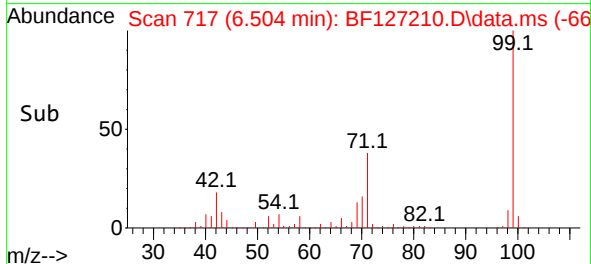
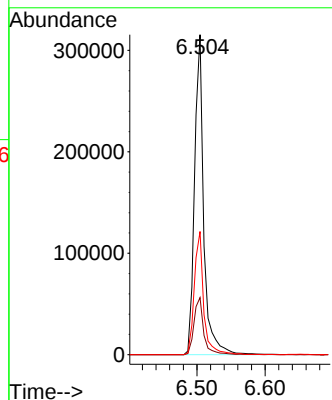
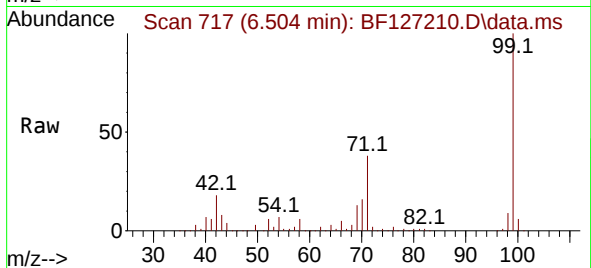




#7
Phenol-d6
Concen: 37.203 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127210.D
Acq: 04 Mar 2022 19:39

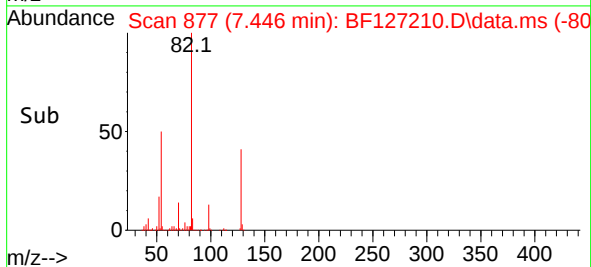
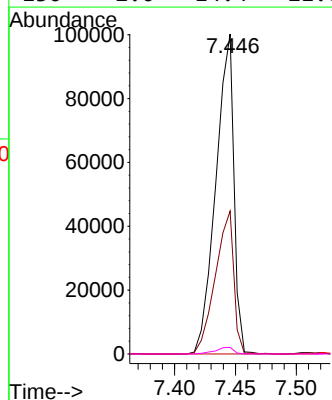
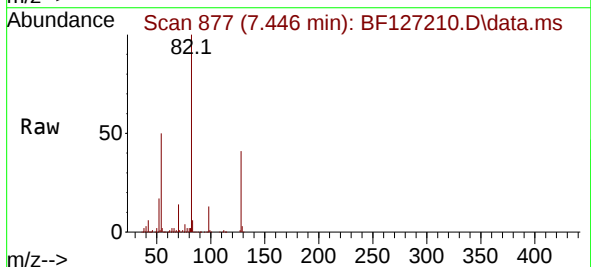
Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion: 99 Resp: 294089
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 38.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.255 ng
RT: 7.446 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127210.D
Acq: 04 Mar 2022 19:39

Tgt Ion: 70 Resp: 103175
Ion Ratio Lower Upper
70 100
42 44.6 45.8 68.8#
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

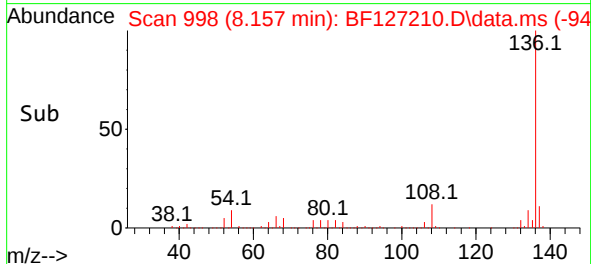
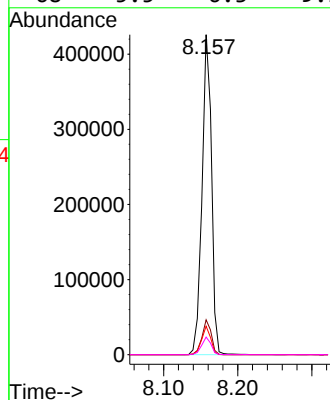
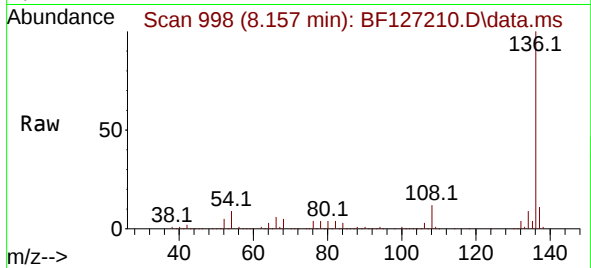




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127210.D
Acq: 04 Mar 2022 19:39

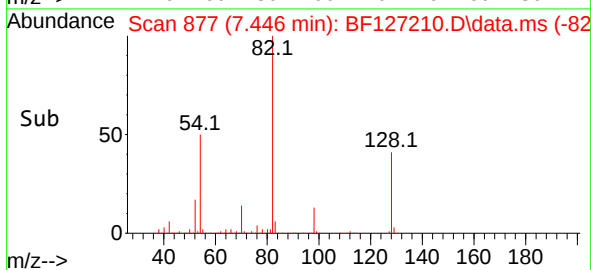
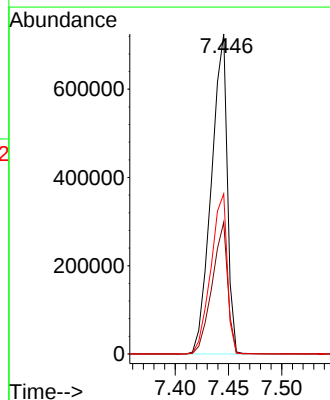
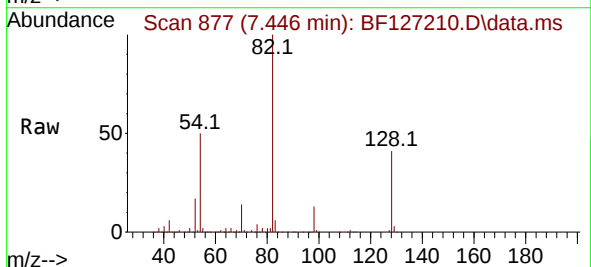
Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion:136 Resp: 377721
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.8 11.6
68 5.5 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 90.254 ng
RT: 7.446 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127210.D
Acq: 04 Mar 2022 19:39

Tgt Ion: 82 Resp: 755268
Ion Ratio Lower Upper
82 100
128 41.1 32.7 49.1
54 50.1 41.7 62.5

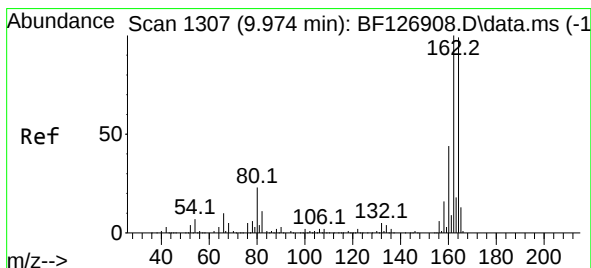
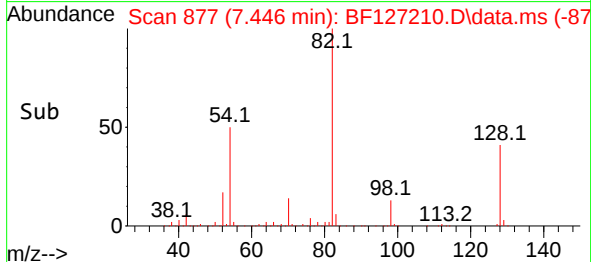
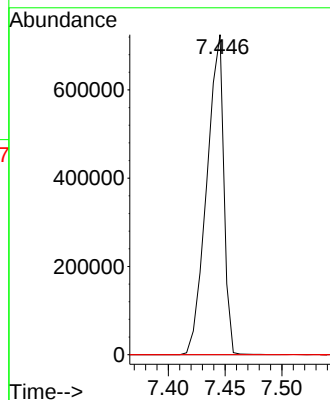
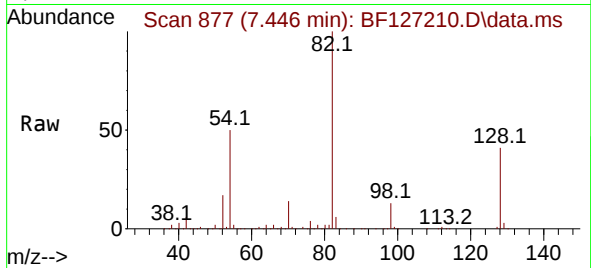




#25
Isophorone
Concen: 54.542 ng
RT: 7.446 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127210.D
Acq: 04 Mar 2022 19:39

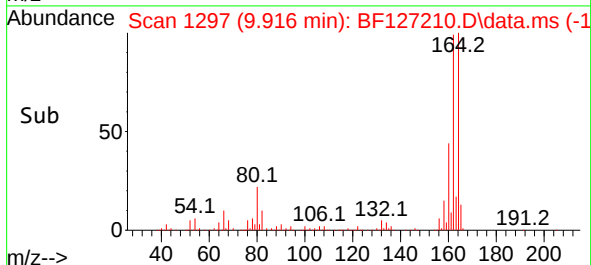
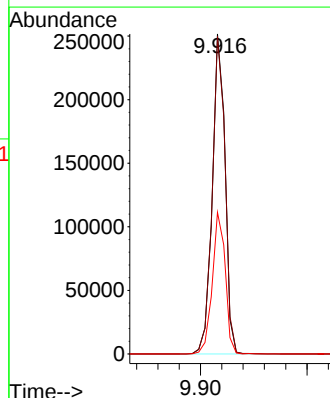
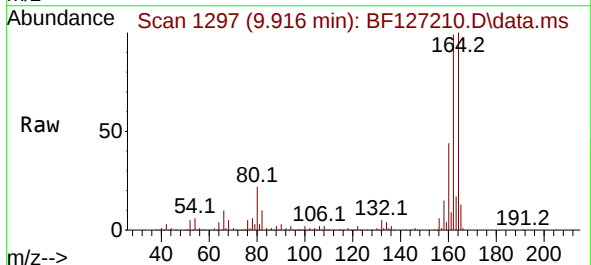
Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion: 82 Resp: 755259
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: BF127210.D
Acq: 04 Mar 2022 19:39

Tgt Ion:164 Resp: 210151
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 44.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 164.657 ng

RT: 10.716 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF127210.D

Acq: 04 Mar 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SB-6

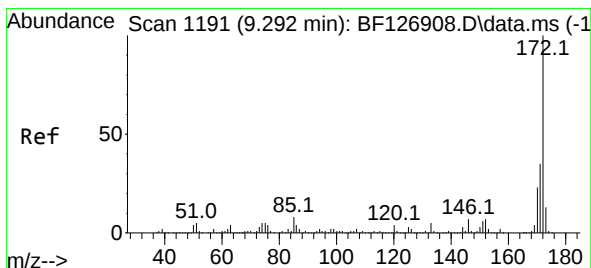
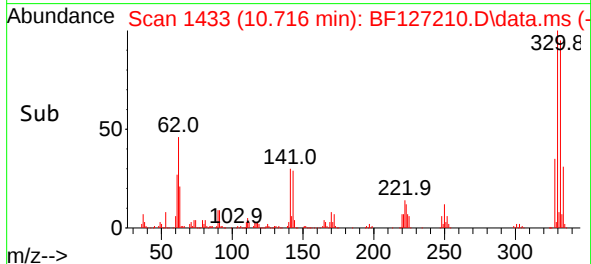
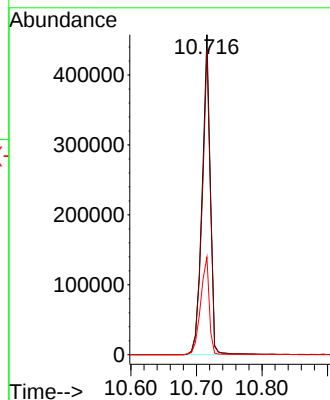
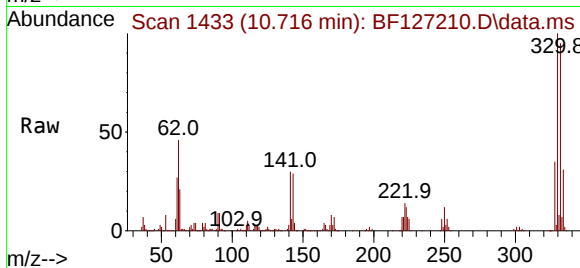
Tgt Ion:330 Resp: 398405

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

141 32.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 95.173 ng

RT: 9.240 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF127210.D

Acq: 04 Mar 2022 19:39

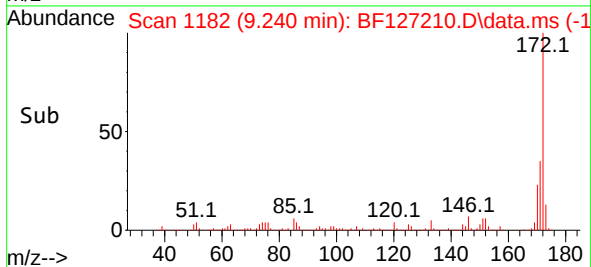
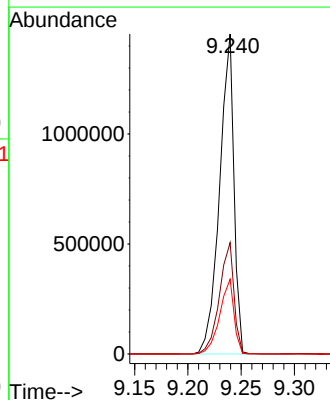
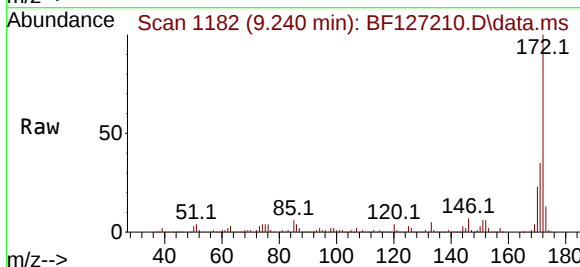
Tgt Ion:172 Resp: 1358605

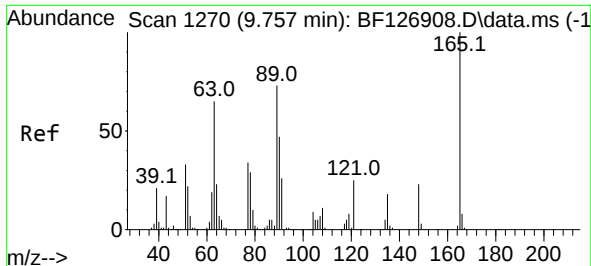
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6

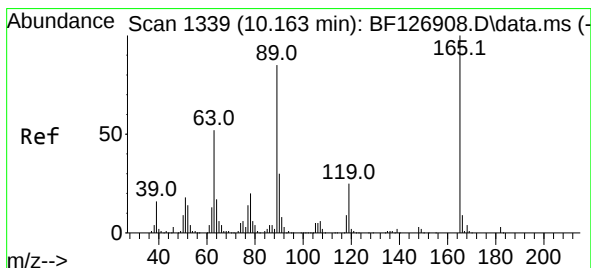
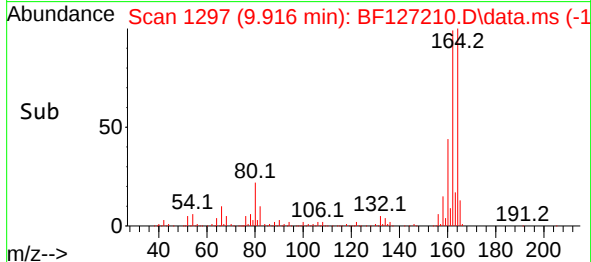
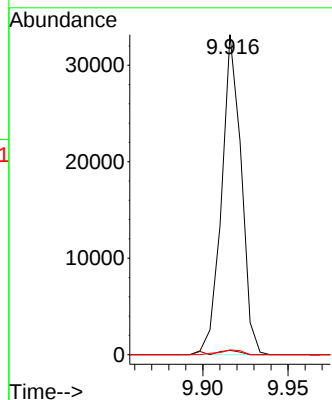
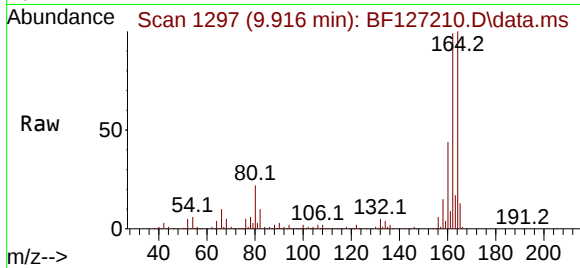




#51
2,6-Dinitrotoluene
Concen: 8.691 ng
RT: 9.916 min Scan# 1270
Delta R.T. 0.206 min
Lab File: BF127210.D
Acq: 04 Mar 2022 19:39

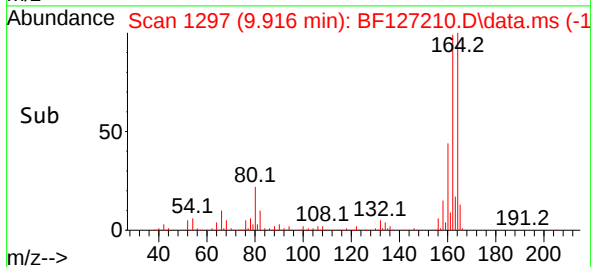
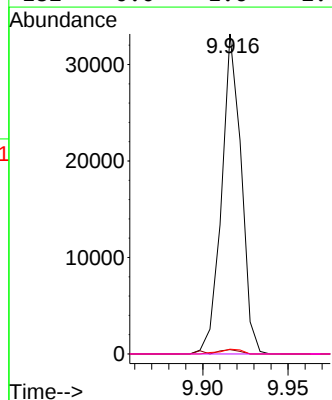
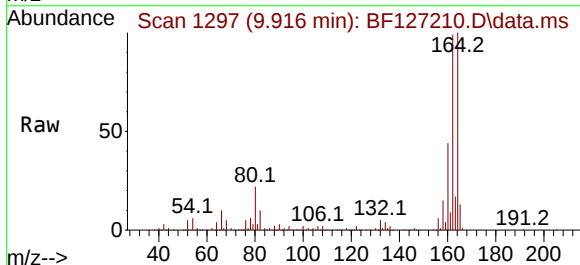
Instrument :
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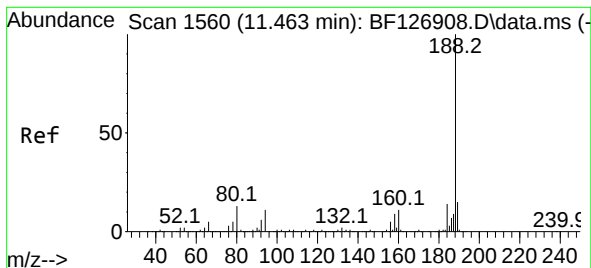
Tgt Ion:165 Resp: 26562
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.428 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127210.D
Acq: 04 Mar 2022 19:39

Tgt Ion:165 Resp: 26562
Ion Ratio Lower Upper
165 100
63 1.4 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# 1

Delta R.T. -0.006 min

Lab File: BF127210.D

Acq: 04 Mar 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SB-6

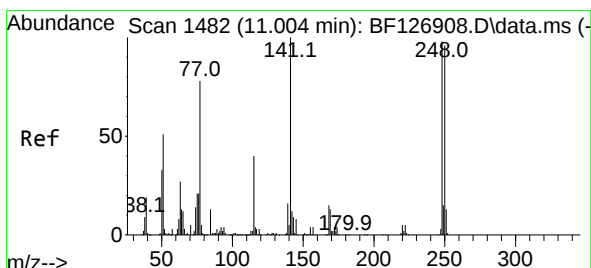
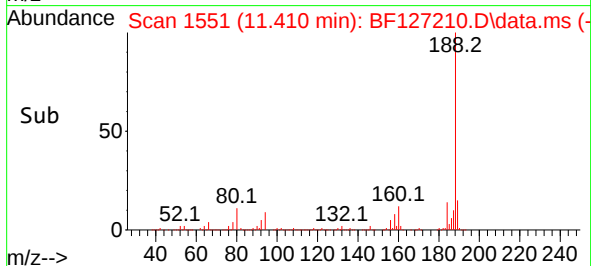
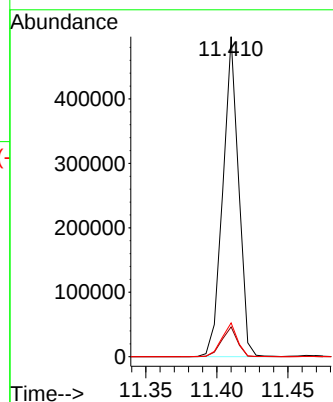
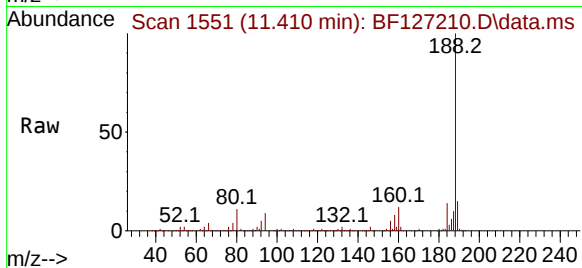
Tgt Ion:188 Resp: 382087

Ion Ratio Lower Upper

188 100

94 9.3 10.1 15.1#

80 10.6 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 5.260 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF127210.D

Acq: 04 Mar 2022 19:39

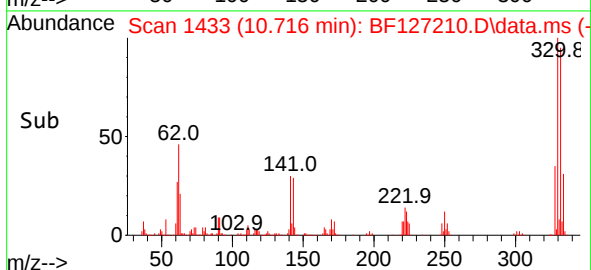
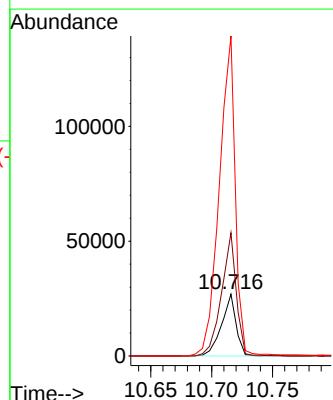
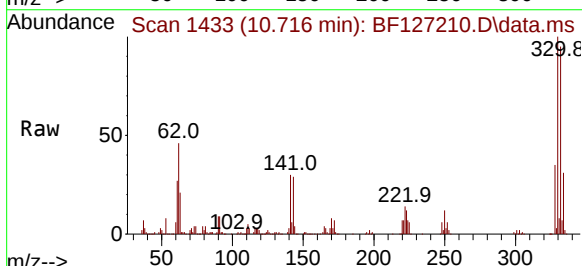
Tgt Ion:248 Resp: 22455

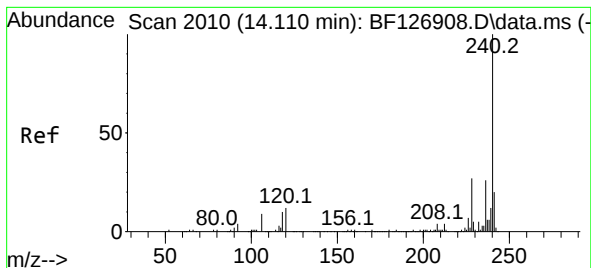
Ion Ratio Lower Upper

248 100

250 199.6 76.2 114.4#

141 518.1 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127210.D

Acq: 04 Mar 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SB-6

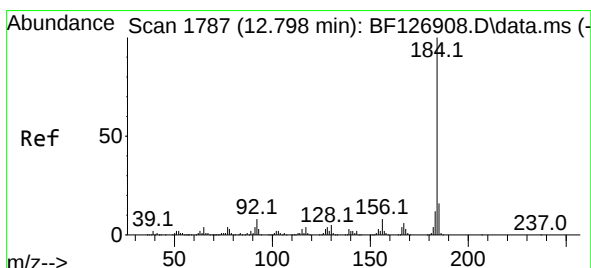
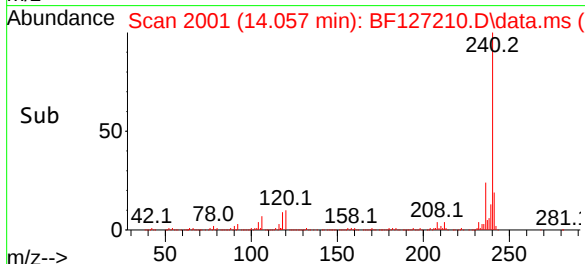
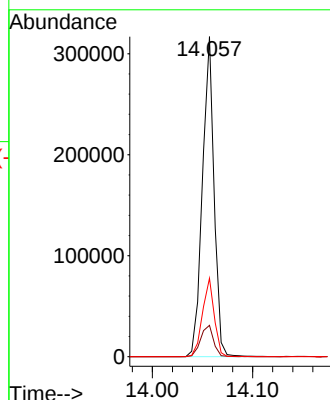
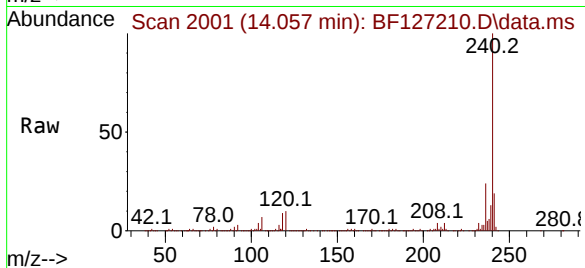
Tgt Ion:240 Resp: 256937

Ion Ratio Lower Upper

240 100

120 9.8 14.4 21.6#

236 24.5 20.5 30.7



#77

Benzidine

Concen: 2.853 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.253 min

Lab File: BF127210.D

Acq: 04 Mar 2022 19:39

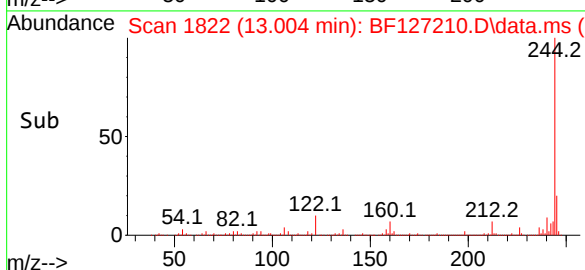
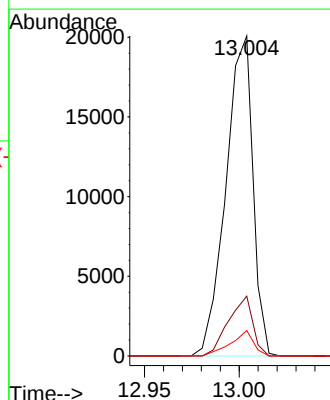
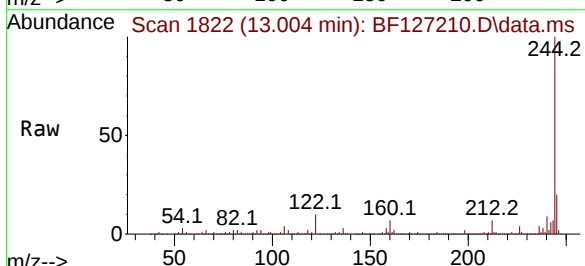
Tgt Ion:184 Resp: 19924

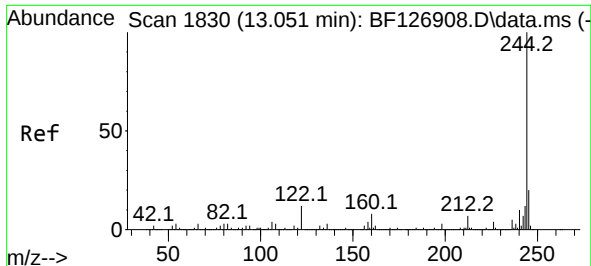
Ion Ratio Lower Upper

184 100

185 18.7 11.8 17.8#

183 8.0 8.2 12.2#

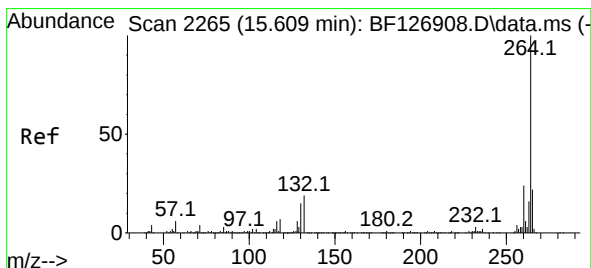
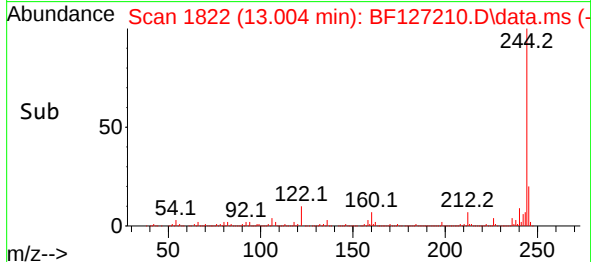
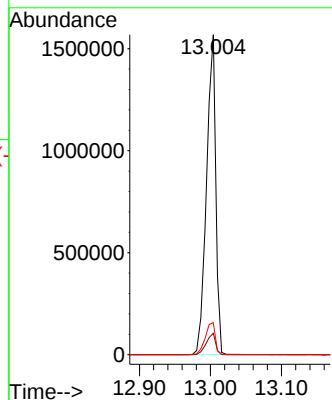
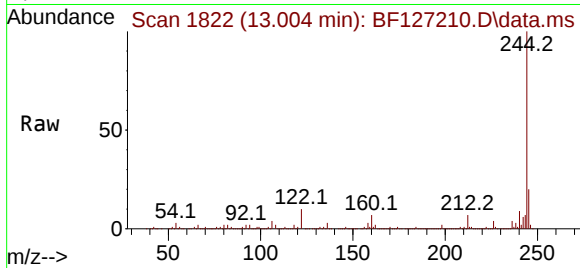




#79
 Terphenyl-d14
 Concen: 81.499 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127210.D
 Acq: 04 Mar 2022 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Tgt Ion:244 Resp: 1424456
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.0 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: BF127210.D
 Acq: 04 Mar 2022 19:39

Tgt Ion:264 Resp: 192304
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.2 17.4 26.2

