

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127206.D
 Acq On : 04 Mar 2022 17:45
 Operator : CG\JU
 Sample : N1793-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Mar 05 02:21:22 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)

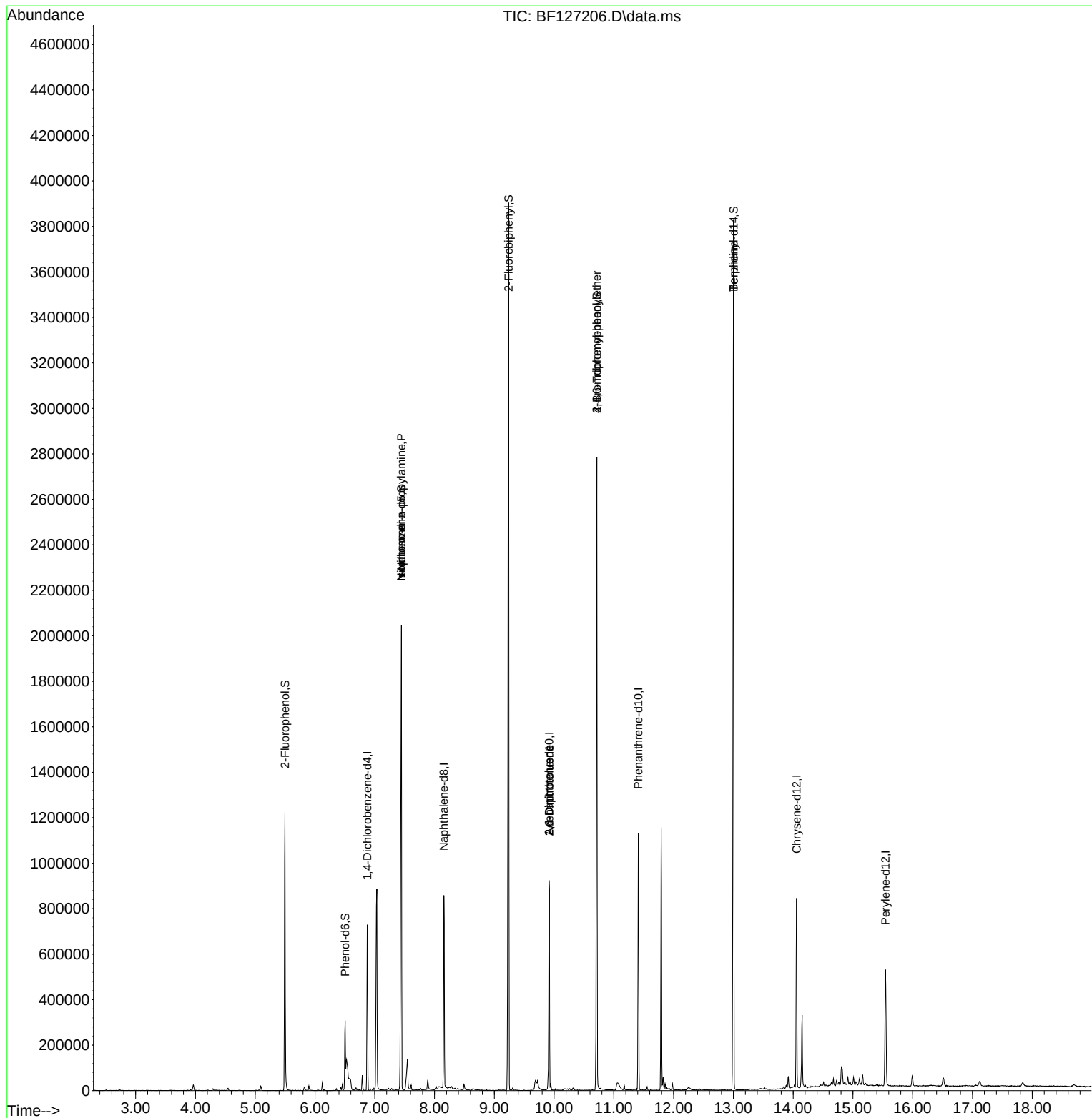
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	93230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	356377	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	191291	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	350296	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	257509	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	209486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	292728	48.529	ng	0.00
7) Phenol-d6	6.504	99	103272	12.688	ng	-0.01
23) Nitrobenzene-d5	7.445	82	703992	89.165	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	333700	151.513	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1137599	87.548	ng	0.00
79) Terphenyl-d14	13.004	244	1316094	75.132	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	96655	18.429	ng	# 78
25) Isophorone	7.445	82	703979	53.884	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	24451	8.789	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	24451	6.501	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	19659	5.023	ng	# 1
77) Benzidine	13.004	184	18605	2.659	ng	# 91

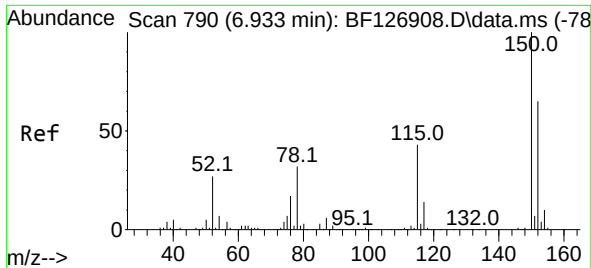
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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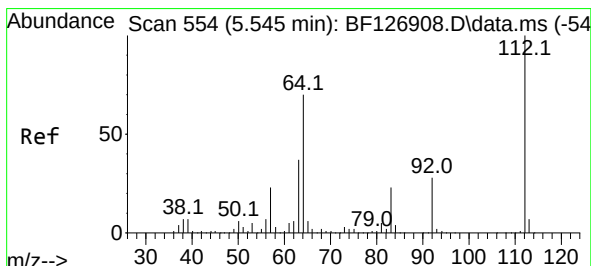
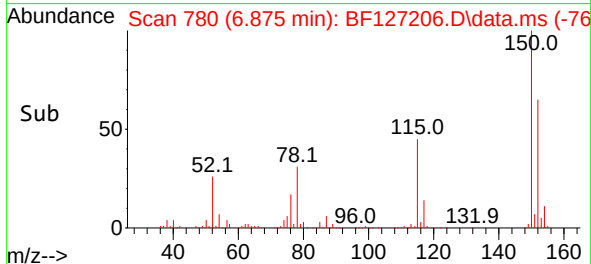
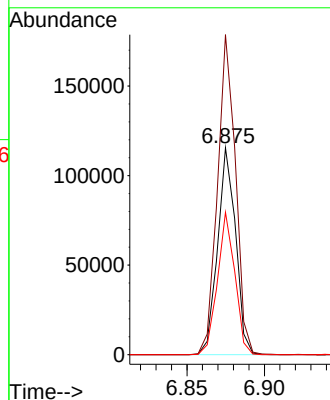
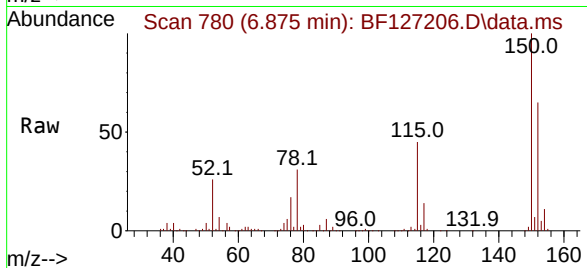




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127206.D
 Acq: 04 Mar 2022 17:45

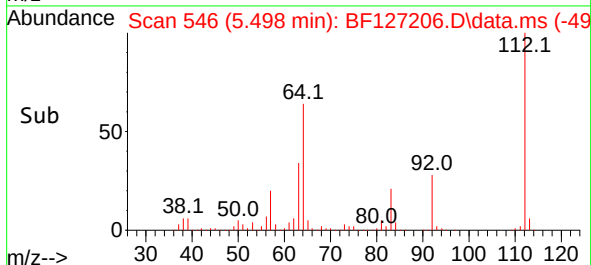
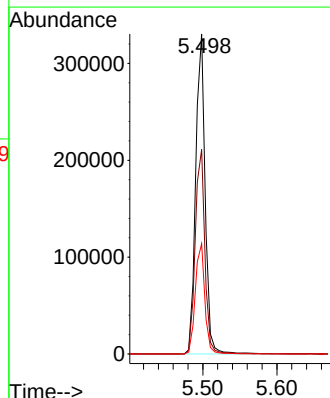
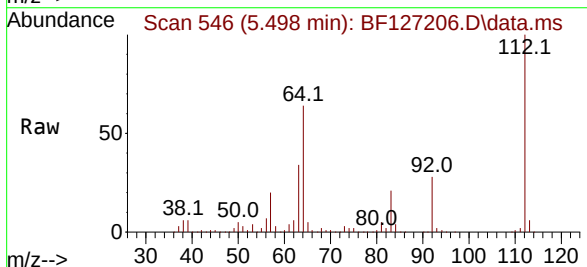
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

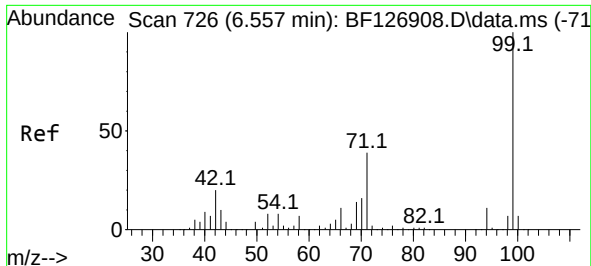
Tgt Ion:152 Resp: 93230
 Ion Ratio Lower Upper
 152 100
 150 154.7 128.1 192.1
 115 68.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 48.529 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.000 min
 Lab File: BF127206.D
 Acq: 04 Mar 2022 17:45

Tgt Ion:112 Resp: 292728
 Ion Ratio Lower Upper
 112 100
 64 63.9 49.5 74.3
 63 34.5 23.9 35.9

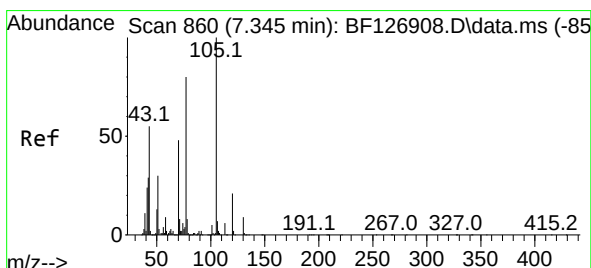
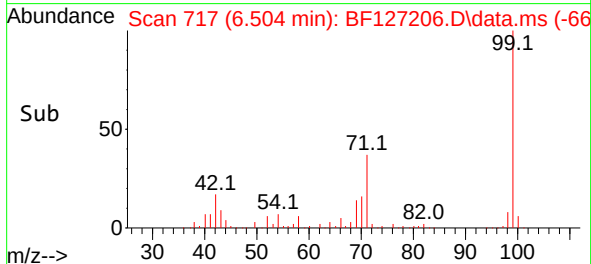
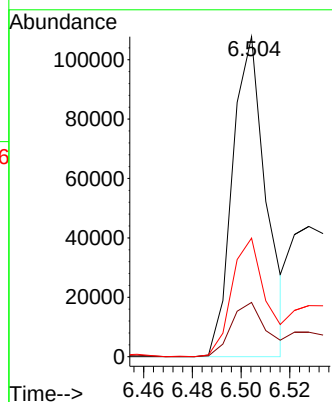
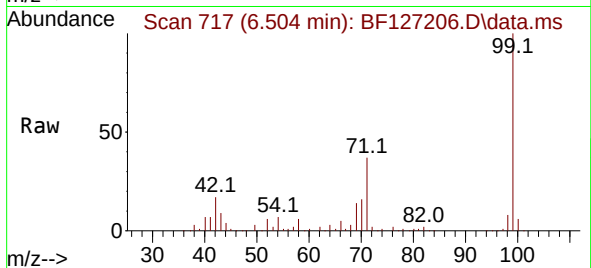




#7
Phenol-d6
Concen: 12.688 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

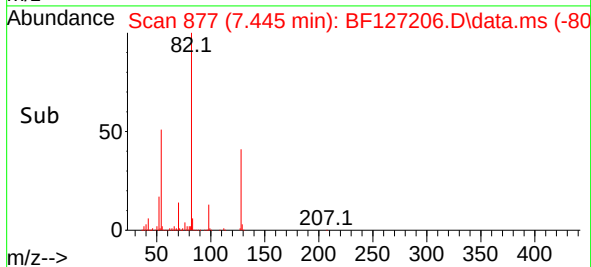
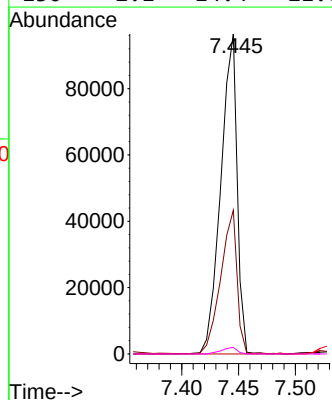
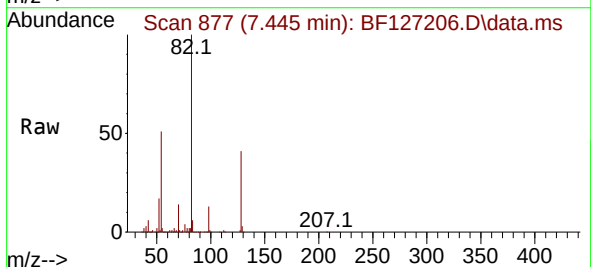
Instrument :
BNA_F
ClientSampleId :
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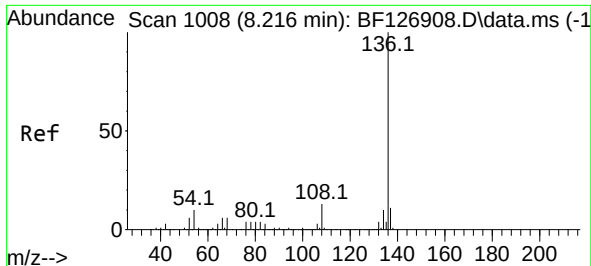
Tgt Ion: 99 Resp: 103272
Ion Ratio Lower Upper
99 100
42 17.0 14.2 21.4
71 37.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.429 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

Tgt Ion: 70 Resp: 96655
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

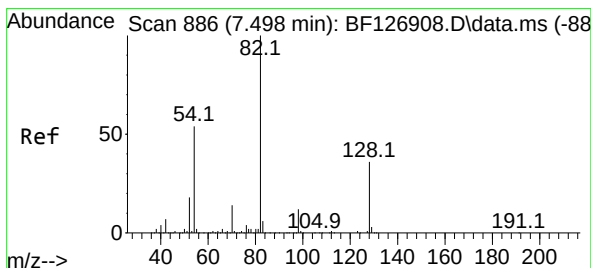
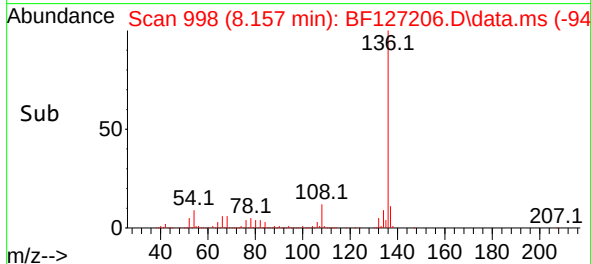
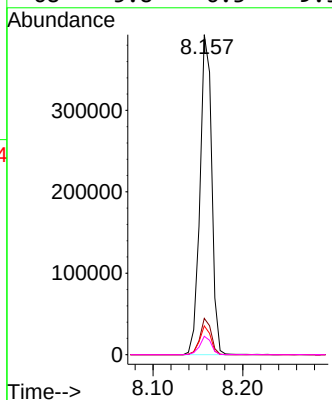
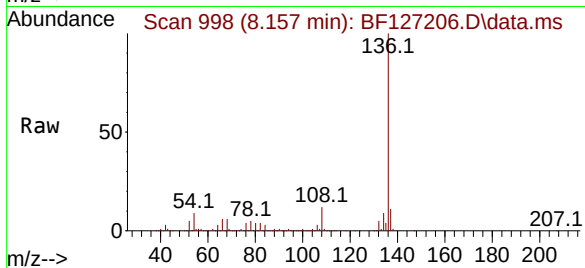




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

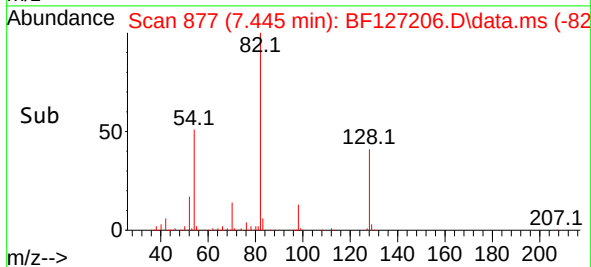
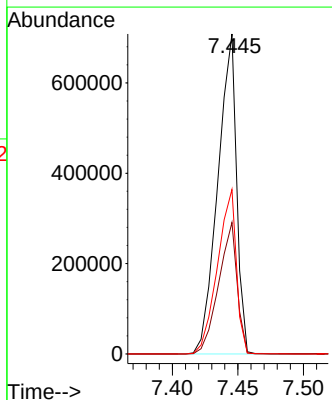
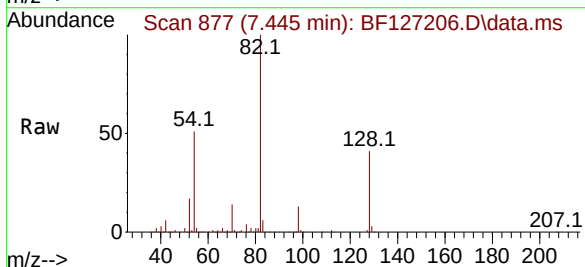
Instrument :
BNA_F
ClientSampleId :
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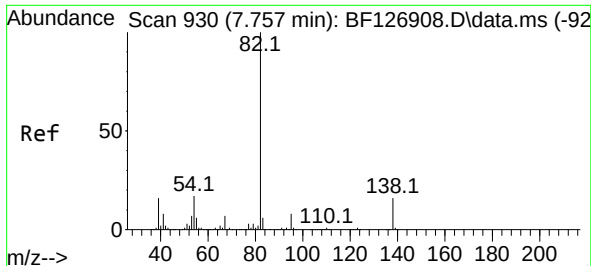
Tgt Ion:136 Resp: 356377
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.0 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 89.165 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

Tgt Ion: 82 Resp: 703992
Ion Ratio Lower Upper
82 100
128 41.1 32.7 49.1
54 51.4 41.7 62.5

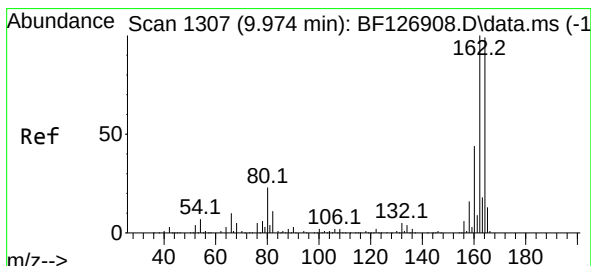
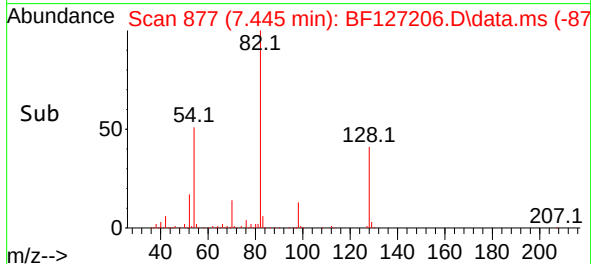
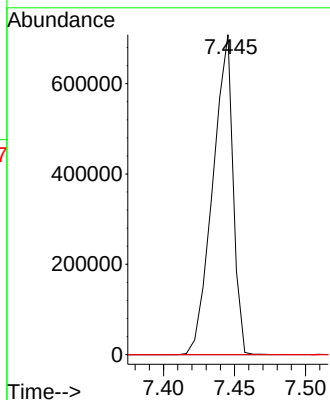
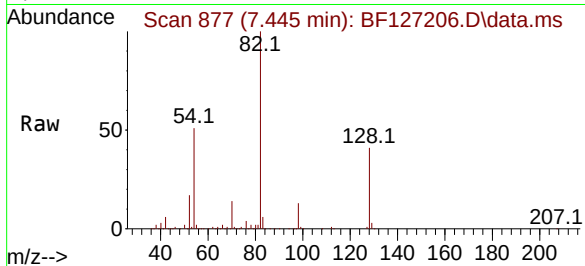




#25
Isophorone
Concen: 53.884 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

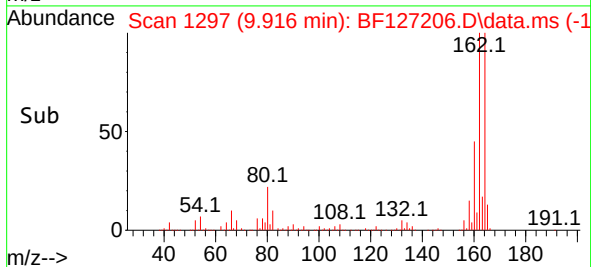
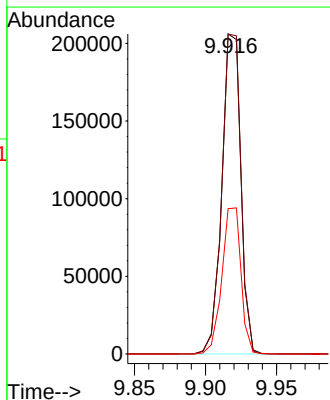
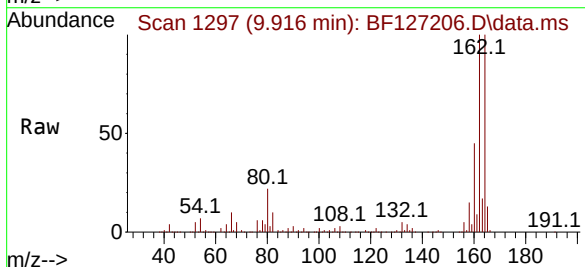
Instrument :
BNA_F
ClientSampleId :
SB-3

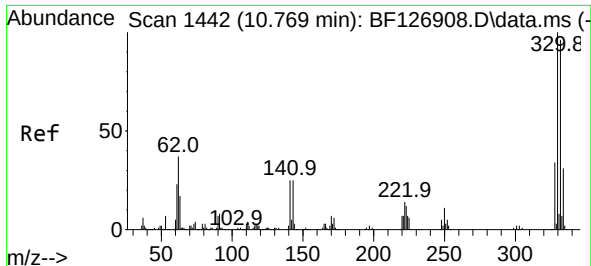
Tgt Ion: 82 Resp: 703979
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

Tgt Ion:164 Resp: 191291
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 151.513 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127206.D

Acq: 04 Mar 2022 17:45

Instrument :

BNA_F

ClientSampleId :

SB-3

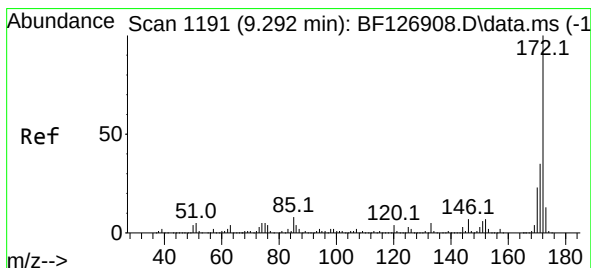
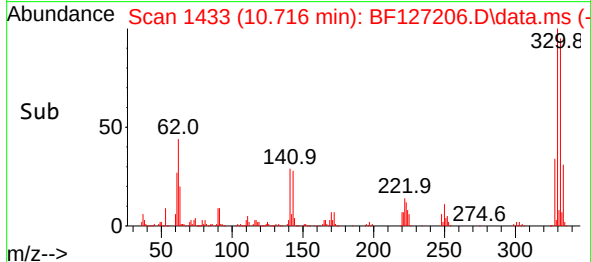
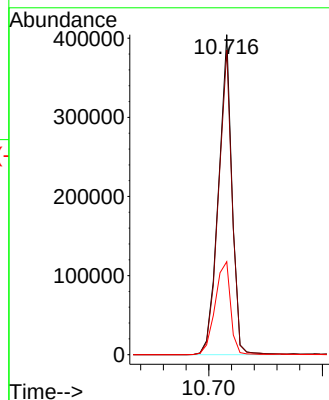
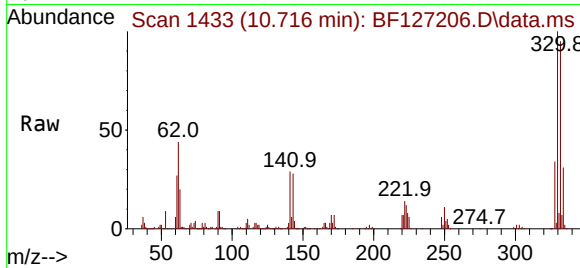
Tgt Ion:330 Resp: 333700

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 33.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 87.548 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127206.D

Acq: 04 Mar 2022 17:45

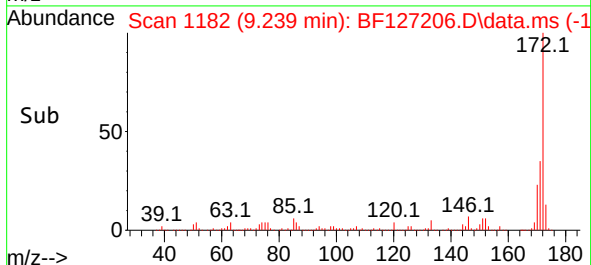
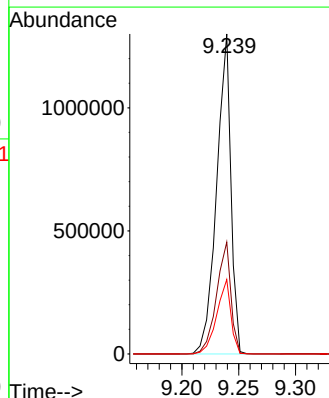
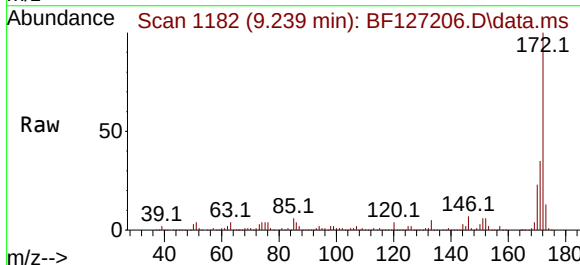
Tgt Ion:172 Resp: 1137599

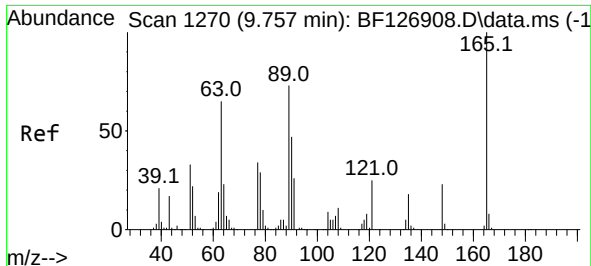
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

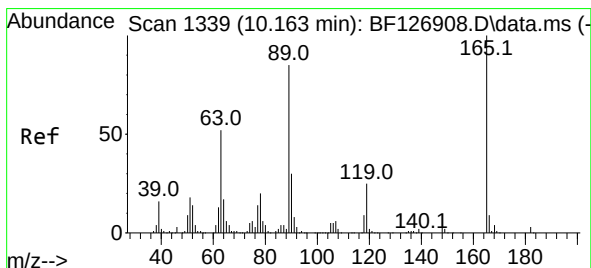
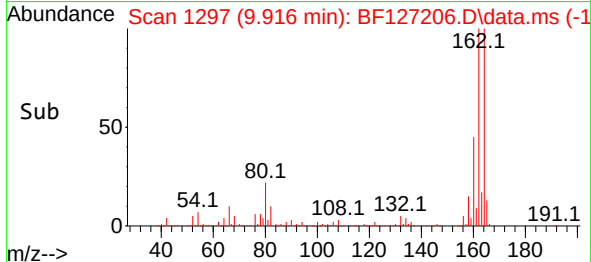
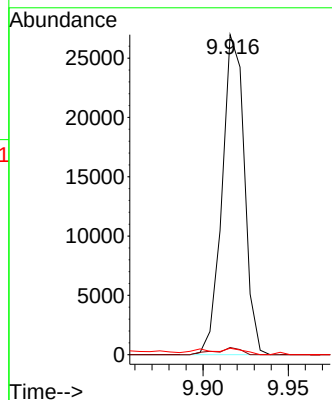
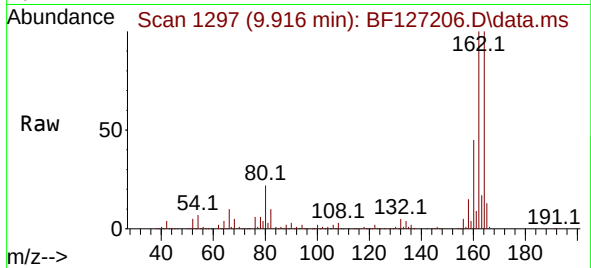




#51
2,6-Dinitrotoluene
Concen: 8.789 ng
RT: 9.916 min Scan# 1270
Delta R.T. 0.206 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

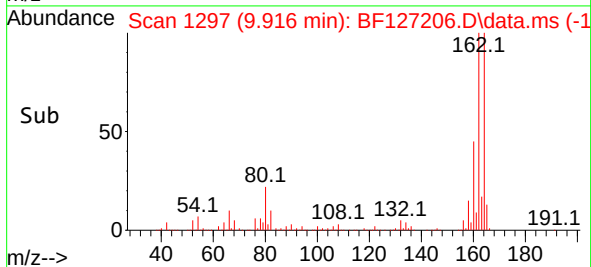
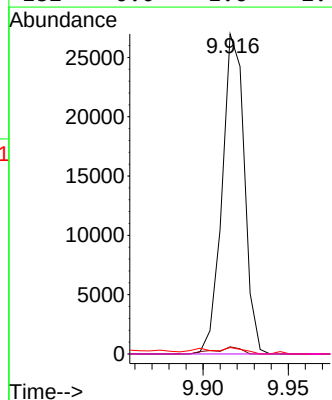
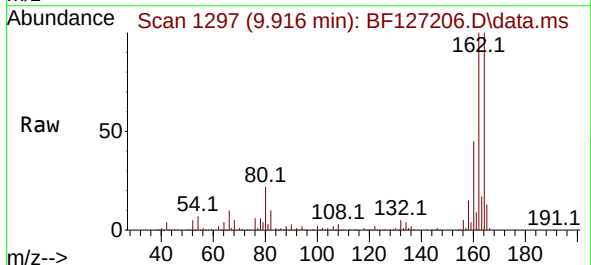
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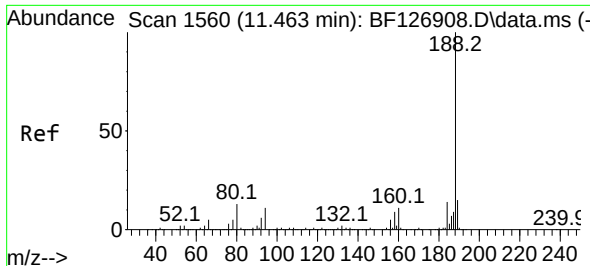
Tgt Ion:165 Resp: 24451
Ion Ratio Lower Upper
165 100
63 2.3 48.4 72.6#
89 2.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.501 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

Tgt Ion:165 Resp: 24451
Ion Ratio Lower Upper
165 100
63 2.3 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#

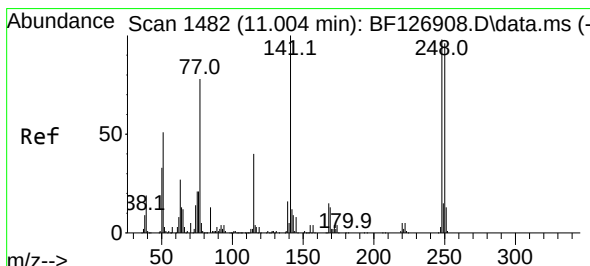
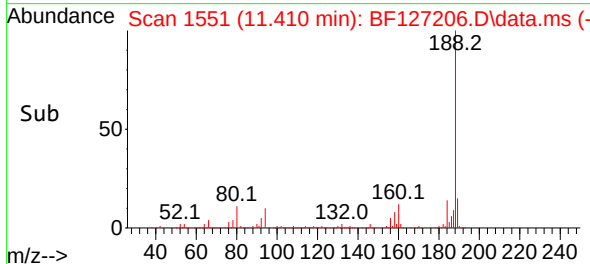
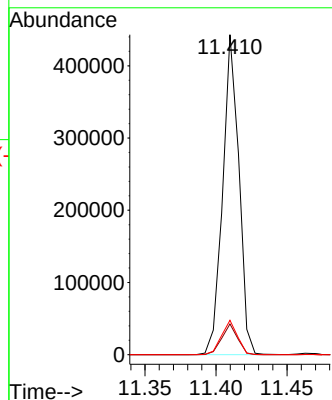
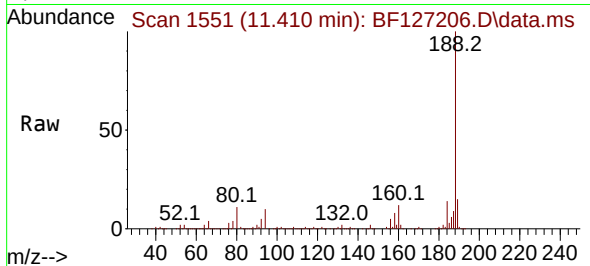




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

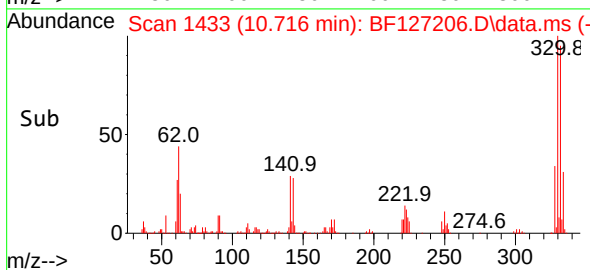
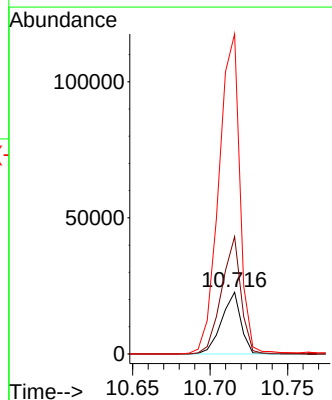
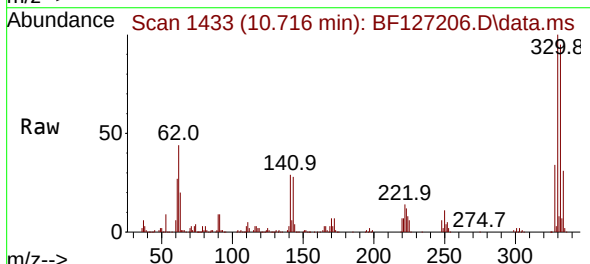
Instrument :
BNA_F
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SB-3

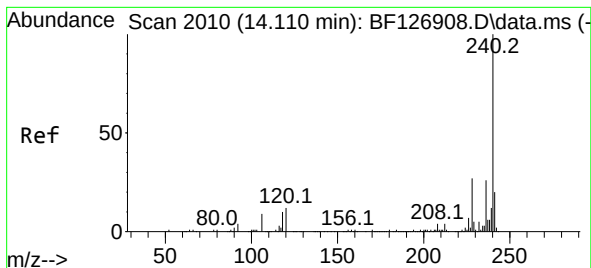
Tgt Ion:188 Resp: 350296
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.023 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127206.D
Acq: 04 Mar 2022 17:45

Tgt Ion:248 Resp: 19659
Ion Ratio Lower Upper
248 100
250 189.8 76.2 114.4#
141 517.8 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: BF127206.D

Acq: 04 Mar 2022 17:45

Instrument :

BNA_F

ClientSampleId :

SB-3

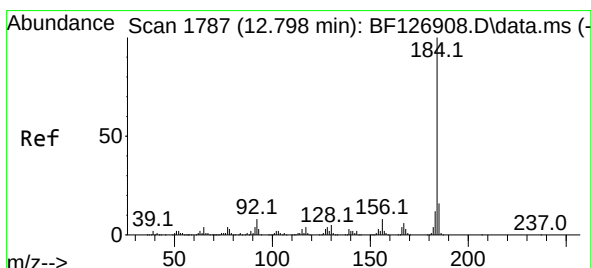
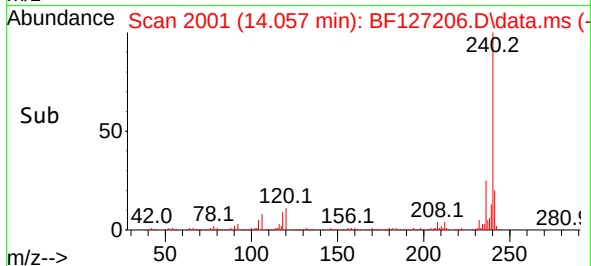
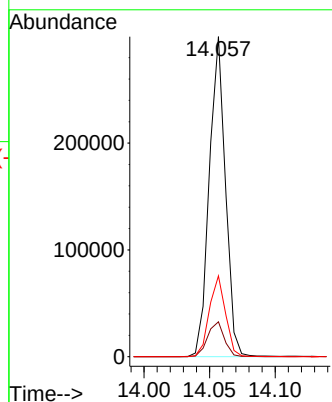
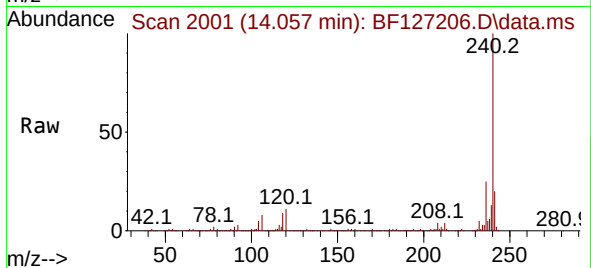
Tgt Ion:240 Resp: 257509

Ion Ratio Lower Upper

240 100

120 10.9 14.4 21.6#

236 25.3 20.5 30.7



#77

Benzidine

Concen: 2.659 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.253 min

Lab File: BF127206.D

Acq: 04 Mar 2022 17:45

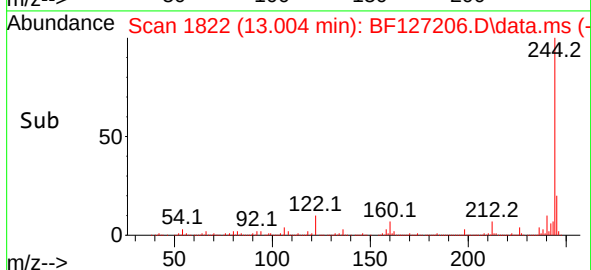
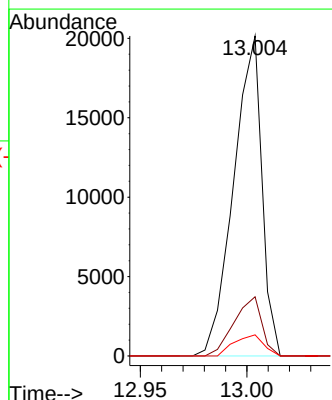
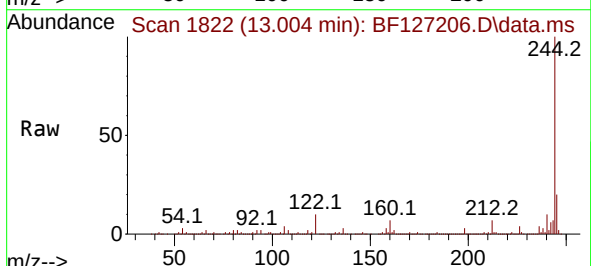
Tgt Ion:184 Resp: 18605

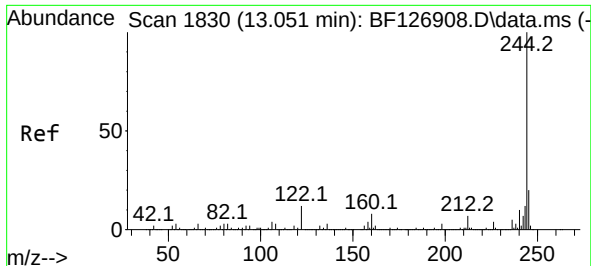
Ion Ratio Lower Upper

184 100

185 18.5 11.8 17.8#

183 6.6 8.2 12.2#

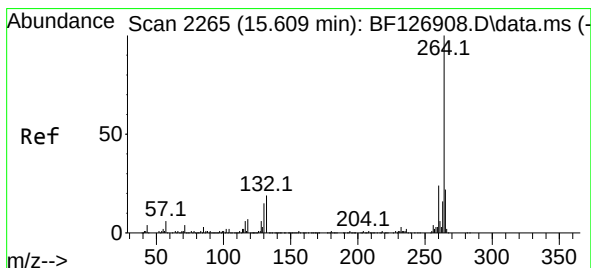
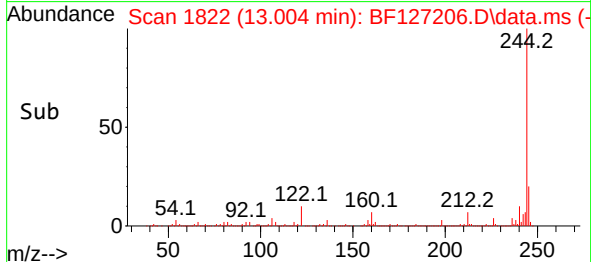
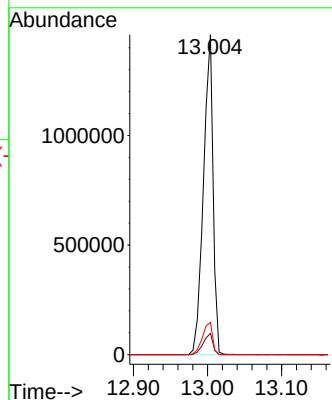
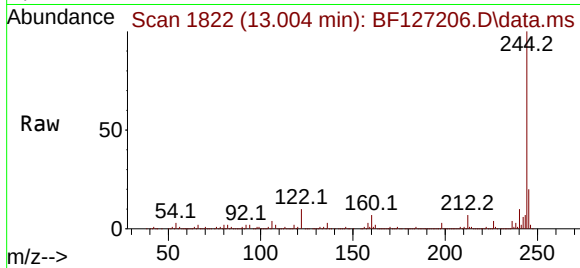




#79
 Terphenyl-d14
 Concen: 75.132 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127206.D
 Acq: 04 Mar 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:244 Resp: 1316094
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.1 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: BF127206.D
 Acq: 04 Mar 2022 17:45

Tgt Ion:264 Resp: 209486
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 22.1 17.4 26.2

