

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127200.D
 Acq On : 04 Mar 2022 14:54
 Operator : CG\JU
 Sample : N1796-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AB1

Quant Time: Mar 05 02:20:03 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)

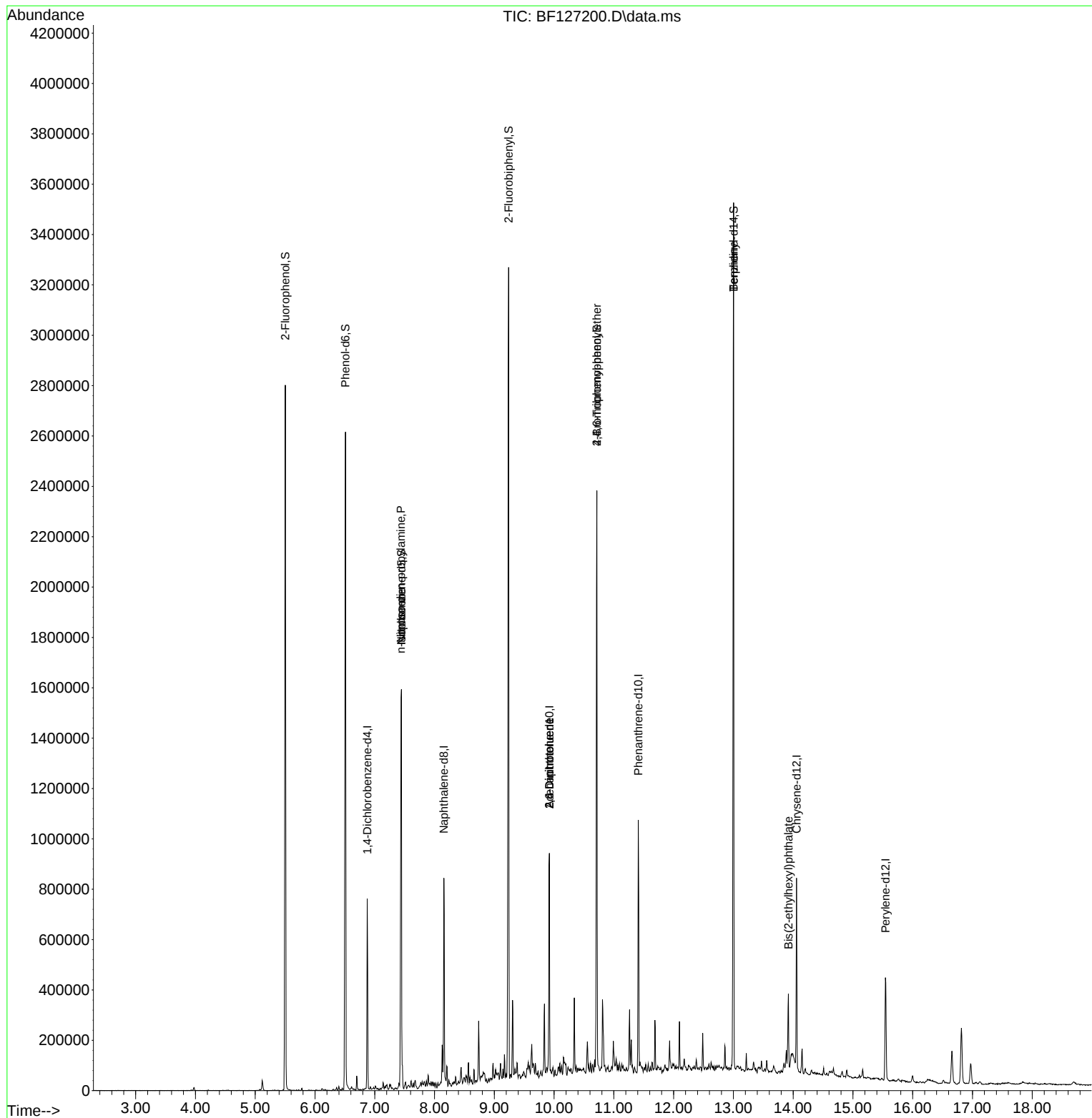
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	92810	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	344238	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	178723	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	316386	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	222280	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	178221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	702125	116.926	ng	0.00
7) Phenol-d6	6.510	99	931977	115.020	ng	0.00
23) Nitrobenzene-d5	7.445	82	582440	76.371	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	284452	138.234	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	982853	80.958	ng	0.00
79) Terphenyl-d14	13.004	244	1143524	75.626	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	83600	16.012	ng	# 78
25) Isophorone	7.445	82	581516	46.080	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	24512	9.431	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	24512	6.975	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	16448	4.653	ng	# 1
77) Benzidine	13.004	184	17039	2.821	ng	95
84) Bis(2-ethylhexyl)phtha...	13.921	149	90930	7.576	ng	# 53

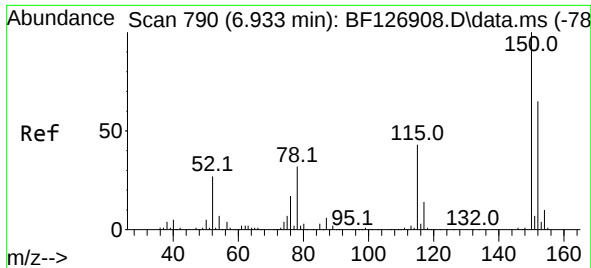
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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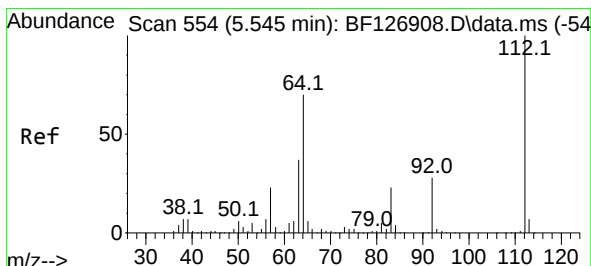
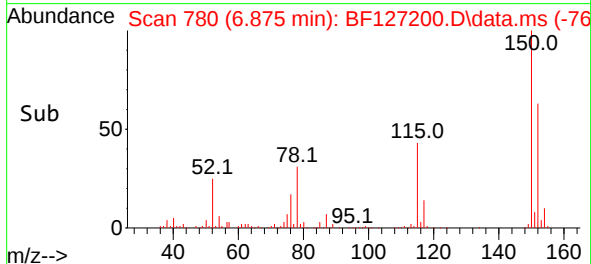
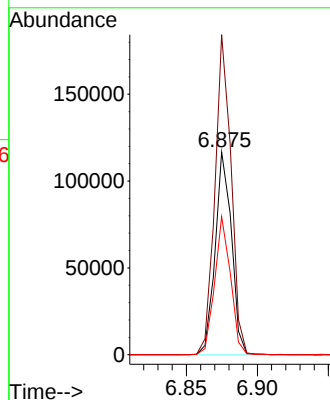
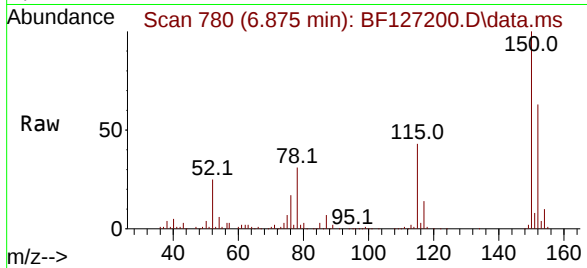




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

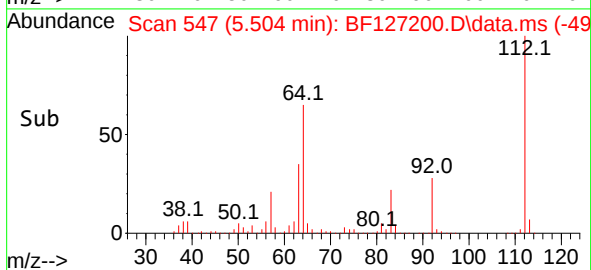
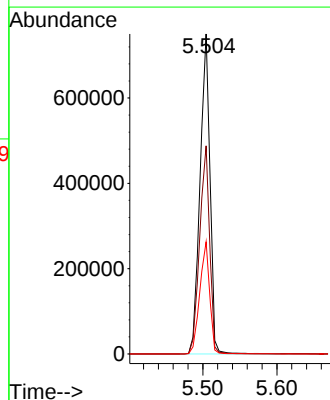
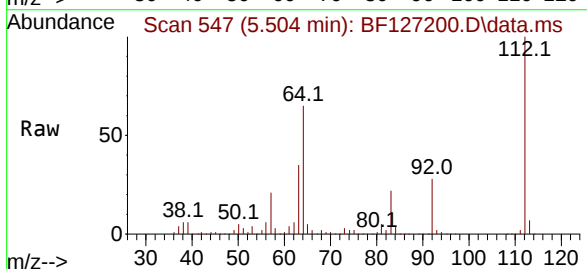
Instrument :
BNA_F
ClientSampleId :
C0AB1

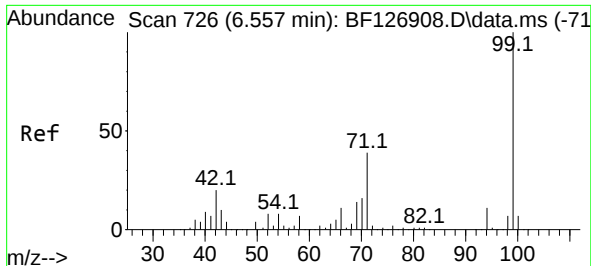
Tgt Ion:152 Resp: 92810
Ion Ratio Lower Upper
152 100
150 157.8 128.1 192.1
115 68.1 56.7 85.1



#5
2-Fluorophenol
Concen: 116.926 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

Tgt Ion:112 Resp: 702125
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 35.1 23.9 35.9

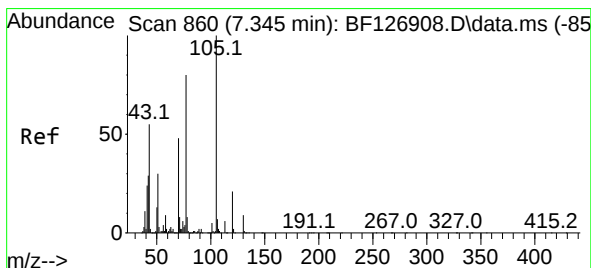
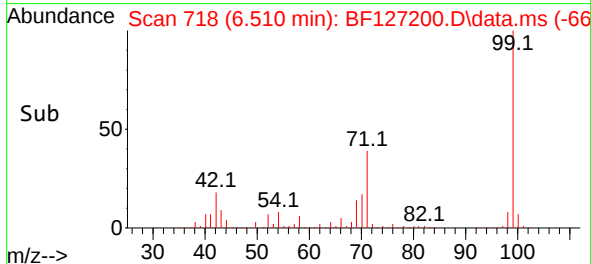
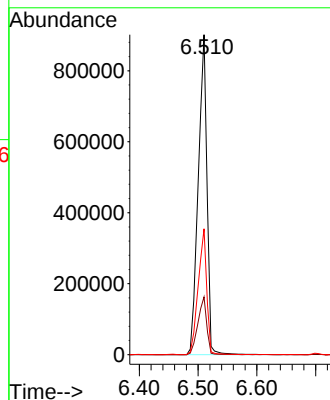
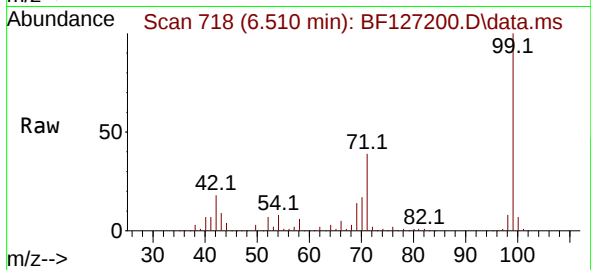




#7
Phenol-d6
Concen: 115.020 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

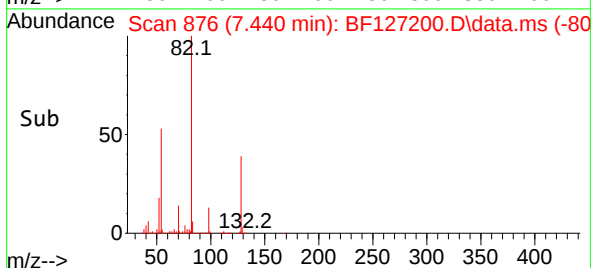
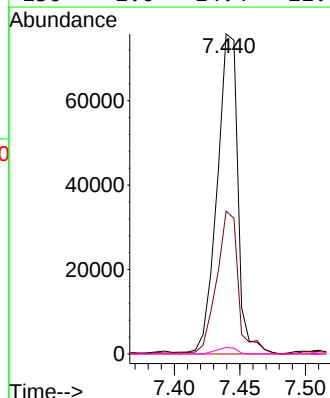
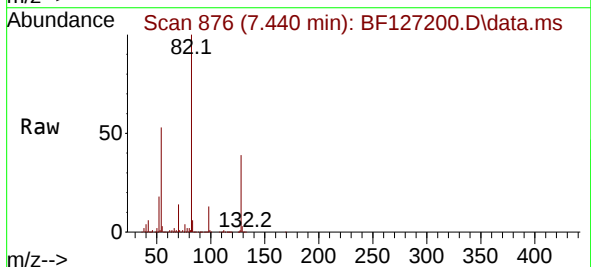
Instrument :
BNA_F
ClientSampleId :
C0AB1

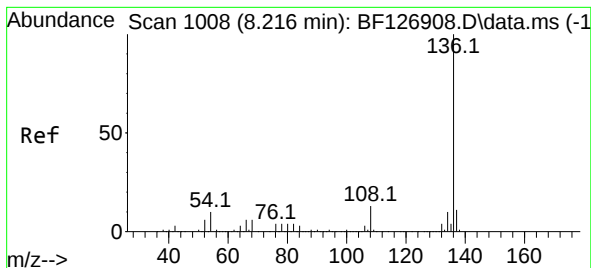
Tgt Ion: 99 Resp: 931977
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.012 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

Tgt Ion: 70 Resp: 83600
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: BF127200.D

Acq: 04 Mar 2022 14:54

Instrument :

BNA_F

ClientSampleId :

C0AB1

Tgt Ion:136 Resp: 344238

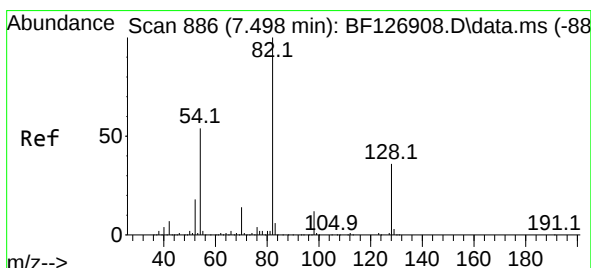
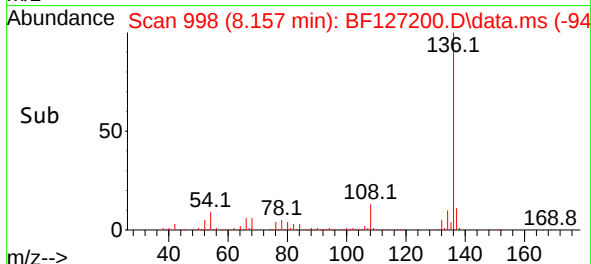
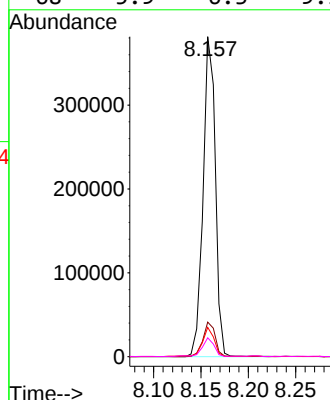
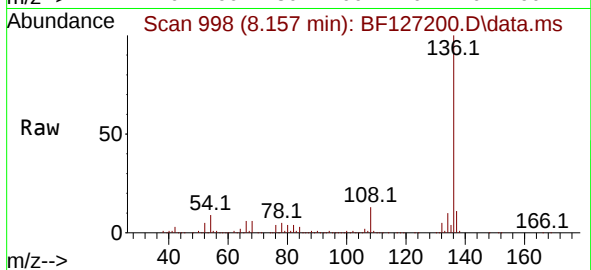
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.2 7.8 11.6

68 5.9 6.3 9.5#



#23

Nitrobenzene-d5

Concen: 76.371 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF127200.D

Acq: 04 Mar 2022 14:54

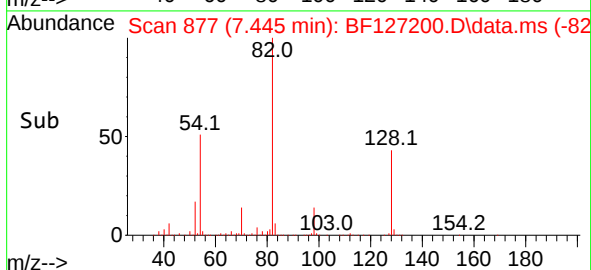
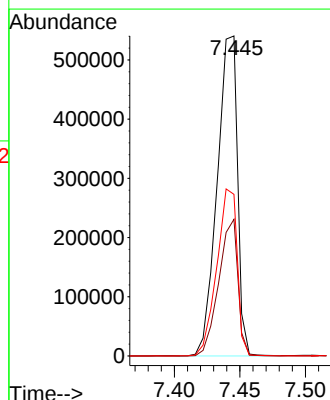
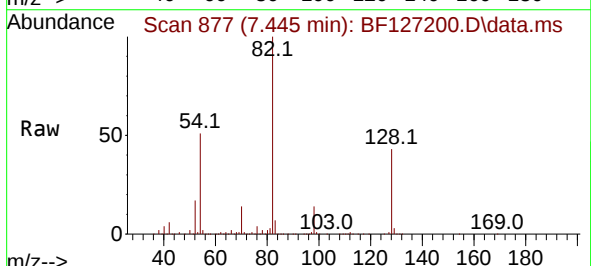
Tgt Ion: 82 Resp: 582440

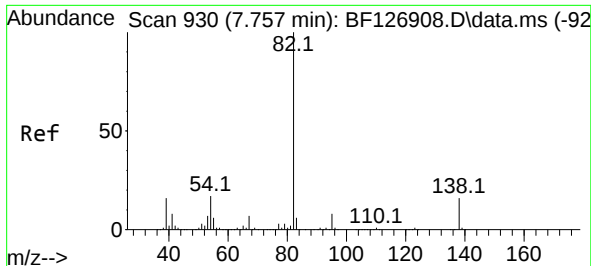
Ion Ratio Lower Upper

82 100

128 42.7 32.7 49.1

54 50.5 41.7 62.5

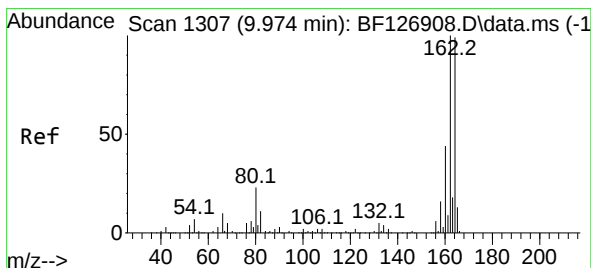
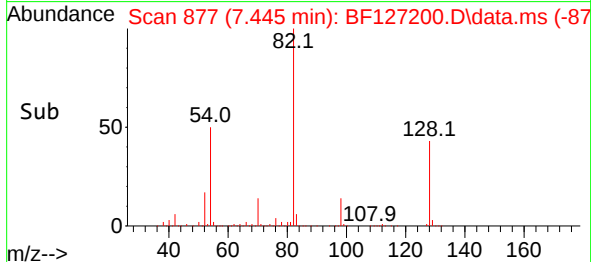
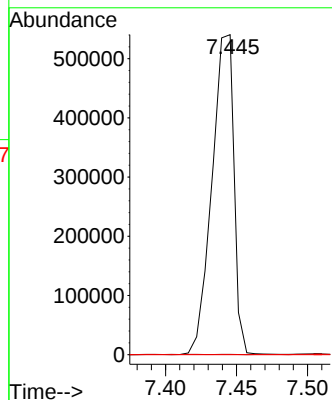
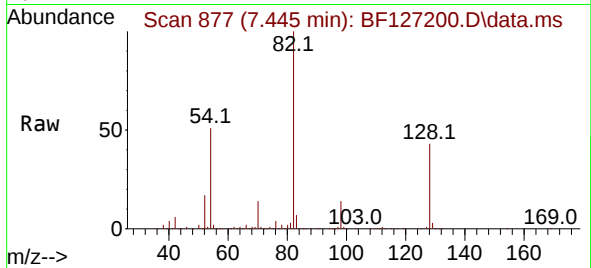




#25
Isophorone
Concen: 46.080 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

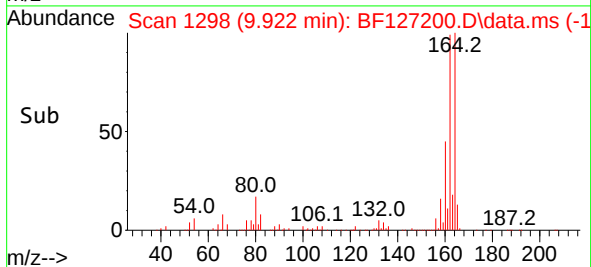
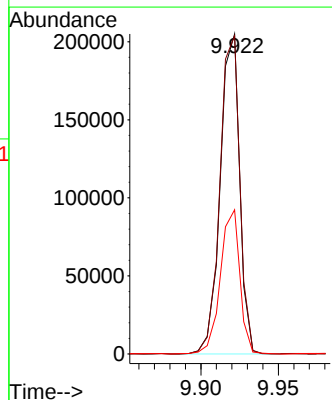
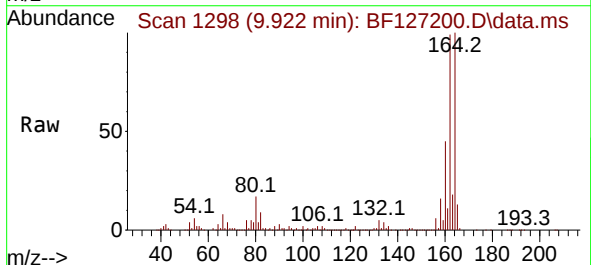
Instrument :
BNA_F
ClientSampleId :
C0AB1

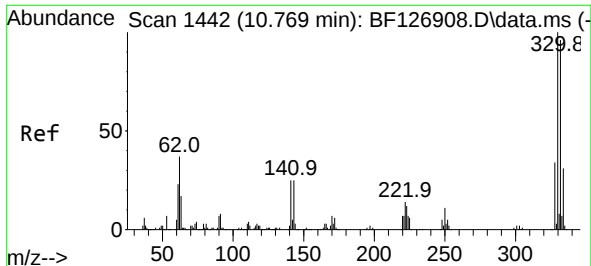
Tgt Ion: 82 Resp: 581516
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

Tgt Ion:164 Resp: 178723
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 138.234 ng

RT: 10.716 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF127200.D

Acq: 04 Mar 2022 14:54

Instrument :

BNA_F

ClientSampleId :

C0AB1

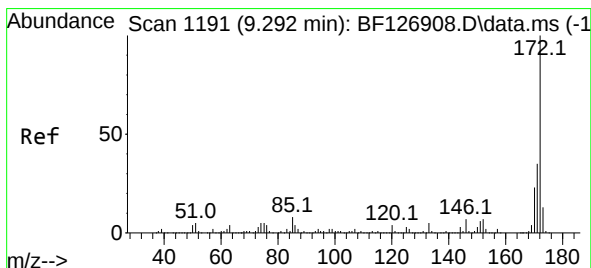
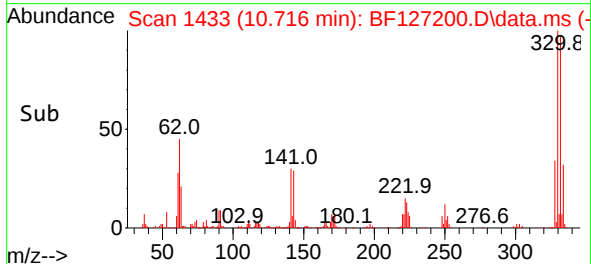
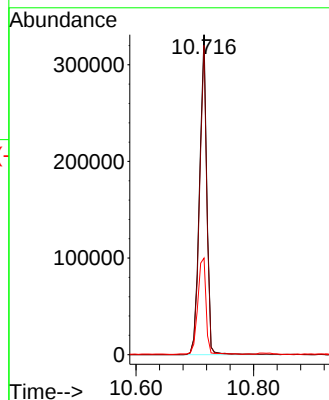
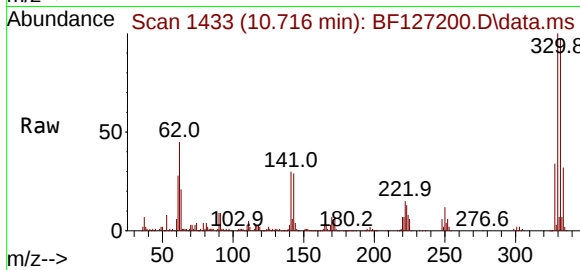
Tgt Ion:330 Resp: 284452

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 34.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 80.958 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF127200.D

Acq: 04 Mar 2022 14:54

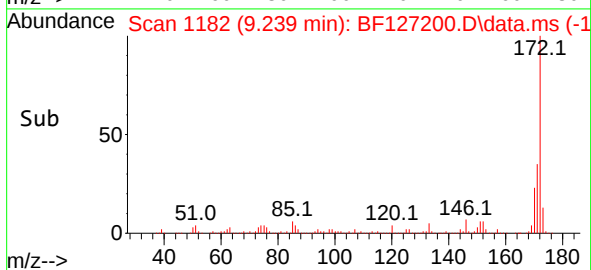
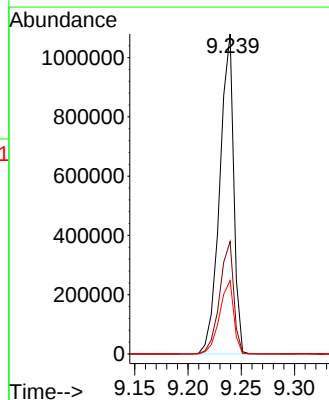
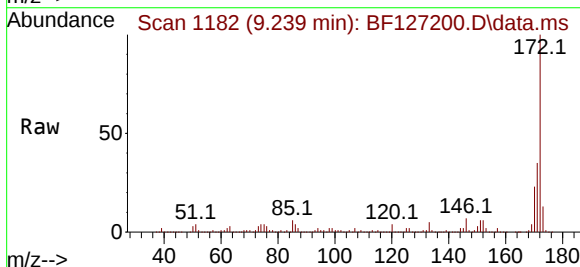
Tgt Ion:172 Resp: 982853

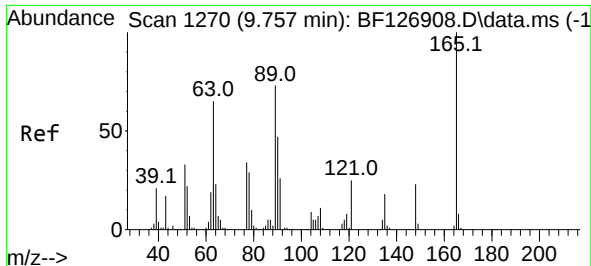
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 22.9 19.0 28.6

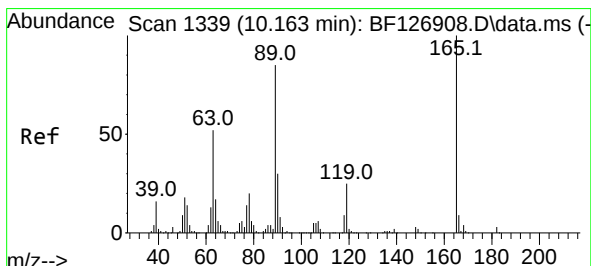
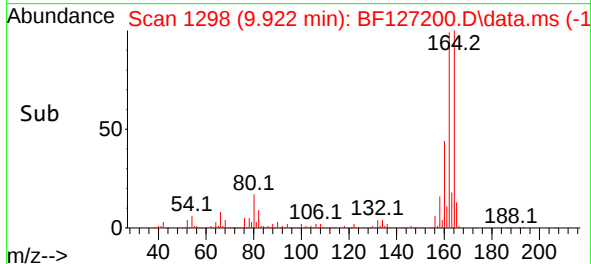
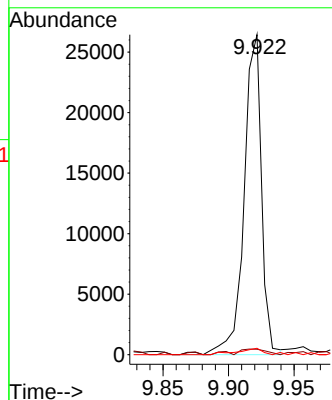
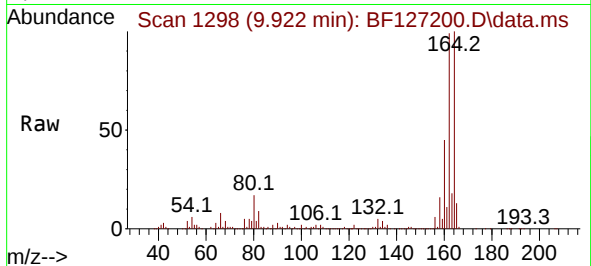




#51
2,6-Dinitrotoluene
Concen: 9.431 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

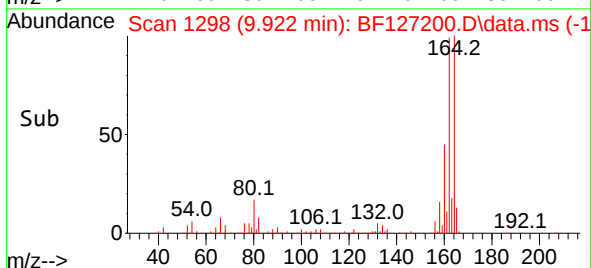
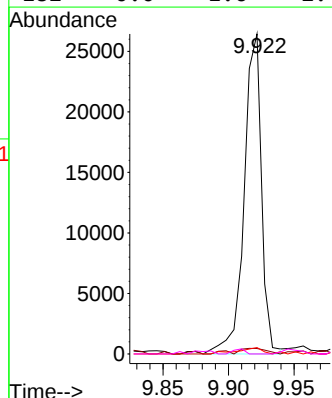
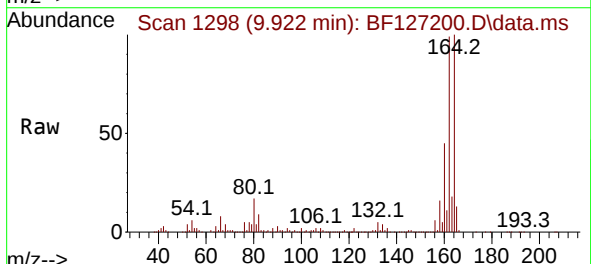
Instrument :
BNA_F
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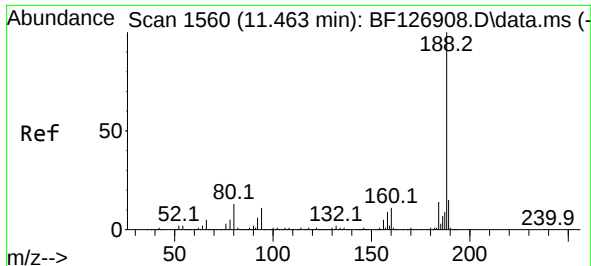
Tgt Ion:165 Resp: 24512
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 2.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

Tgt Ion:165 Resp: 24512
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#

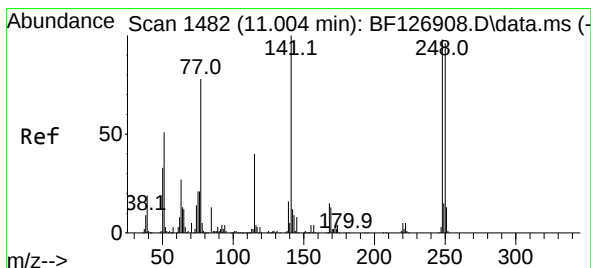
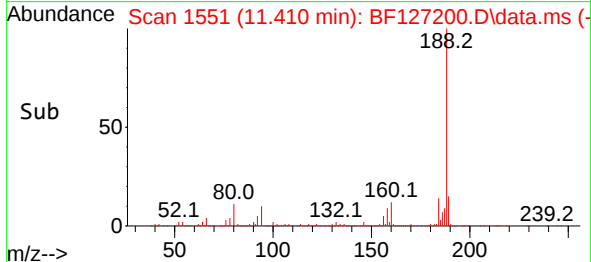
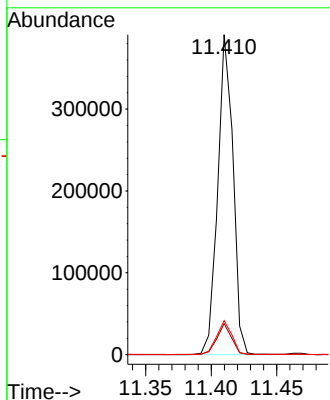
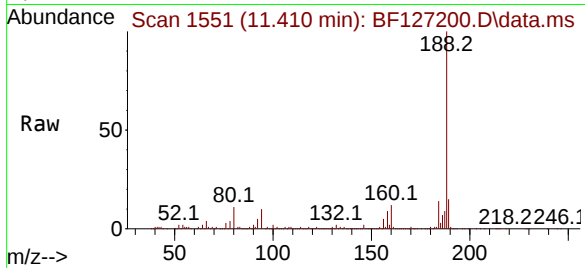




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

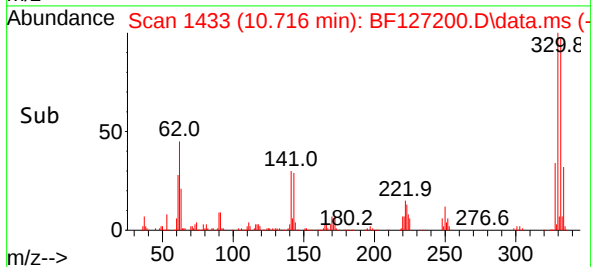
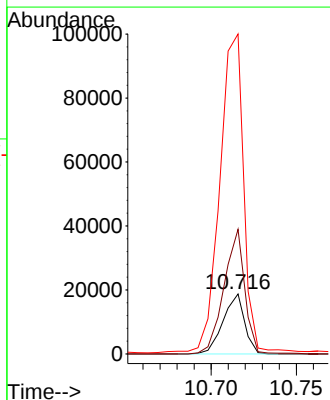
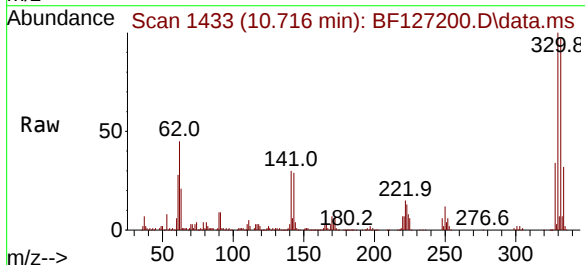
Instrument :
BNA_F
ClientSampleId :
C0AB1

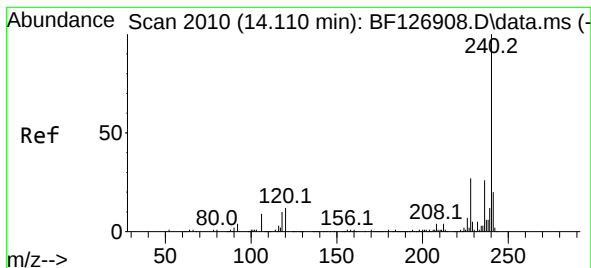
Tgt Ion:188 Resp: 316386
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 10.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.653 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

Tgt Ion:248 Resp: 16448
Ion Ratio Lower Upper
248 100
250 207.8 76.2 114.4#
141 533.2 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: BF127200.D

Acq: 04 Mar 2022 14:54

Instrument :

BNA_F

ClientSampleId :

C0AB1

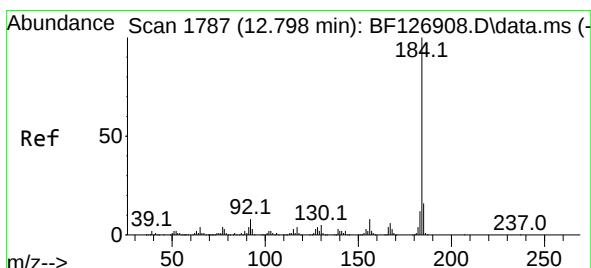
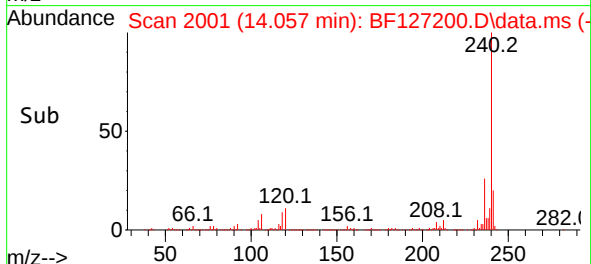
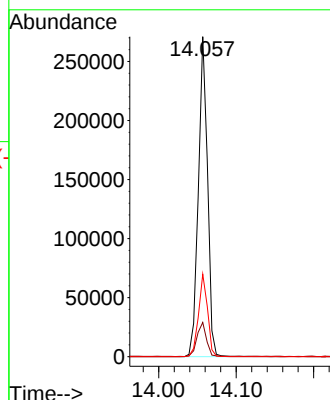
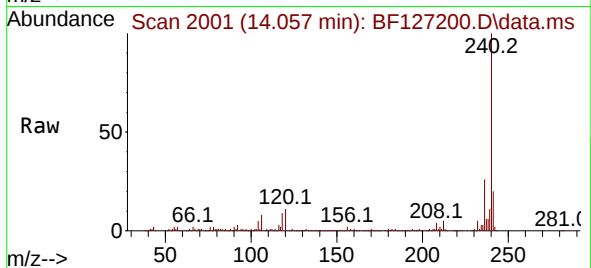
Tgt Ion:240 Resp: 222280

Ion Ratio Lower Upper

240 100

120 10.7 14.4 21.6#

236 25.8 20.5 30.7



#77

Benidine

Concen: 2.821 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.253 min

Lab File: BF127200.D

Acq: 04 Mar 2022 14:54

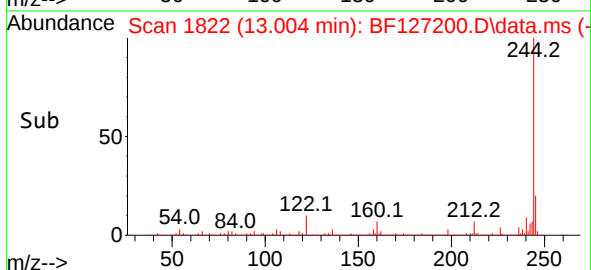
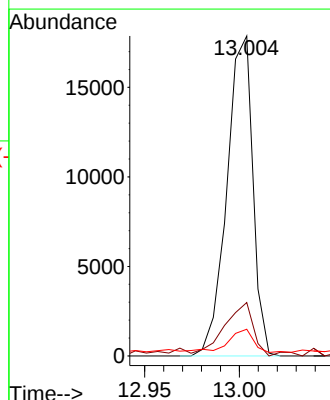
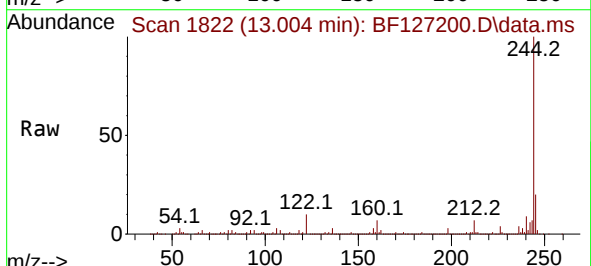
Tgt Ion:184 Resp: 17039

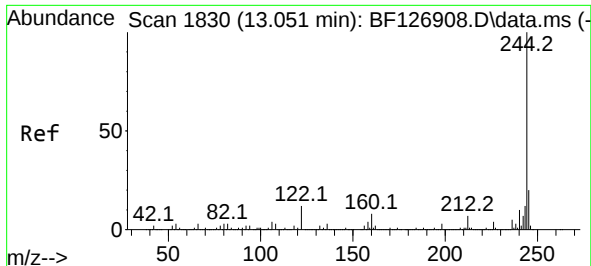
Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

183 8.3 8.2 12.2

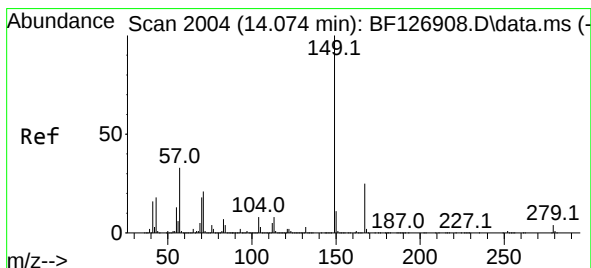
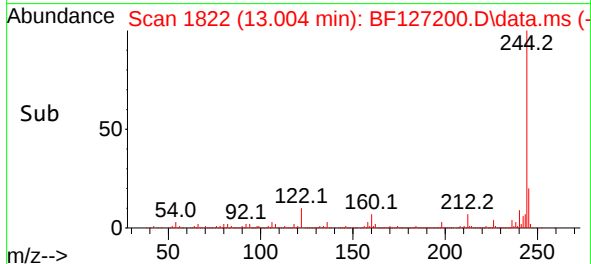
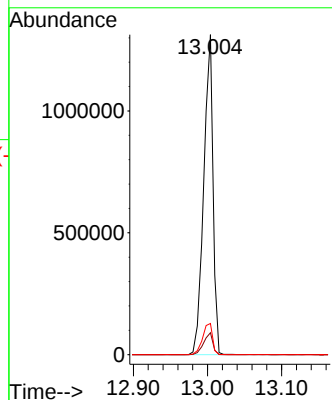
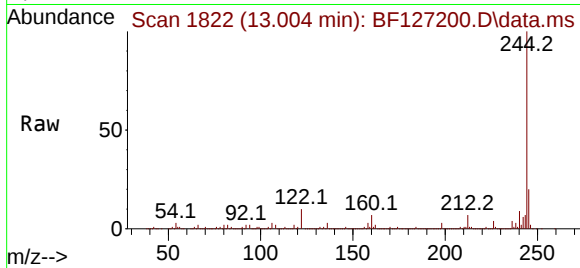




#79
 Terphenyl-d14
 Concen: 75.626 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127200.D
 Acq: 04 Mar 2022 14:54

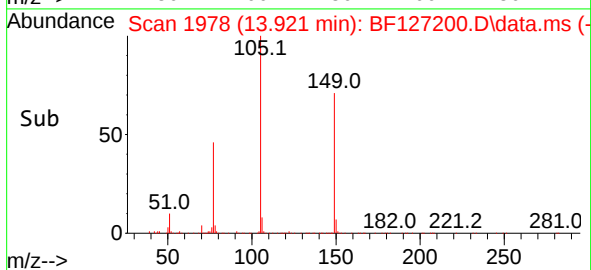
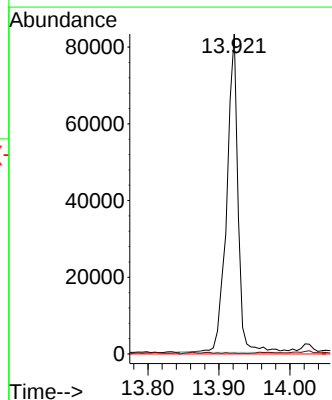
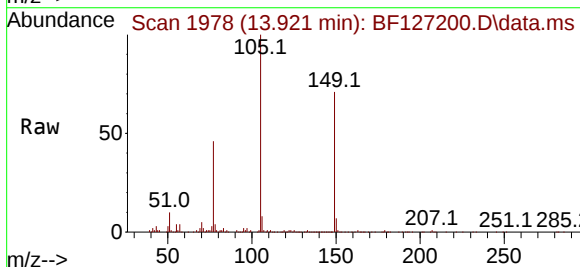
Instrument :
 BNA_F
 ClientSampleId :
 C0AB1

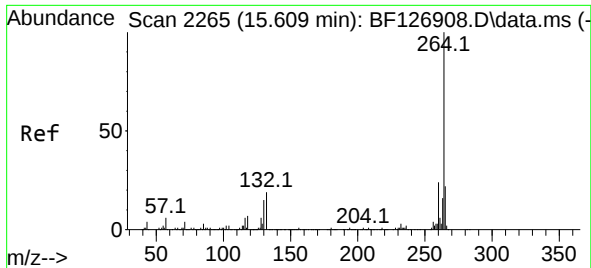
Tgt Ion:244 Resp: 1143524
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 9.7 13.3 19.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.576 ng
 RT: 13.921 min Scan# 1978
 Delta R.T. -0.106 min
 Lab File: BF127200.D
 Acq: 04 Mar 2022 14:54

Tgt Ion:149 Resp: 90930
 Ion Ratio Lower Upper
 149 100
 167 0.3 21.4 32.2#
 279 0.0 2.4 3.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127200.D
Acq: 04 Mar 2022 14:54

Instrument :
BNA_F
ClientSampleId :
C0AB1

Tgt Ion:264 Resp: 178221
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 20.9 17.4 26.2

