

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127251.D
 Acq On : 08 Mar 2022 11:23
 Operator : CG\JU
 Sample : PB143106BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143106BL

Quant Time: Mar 08 16:03:27 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)

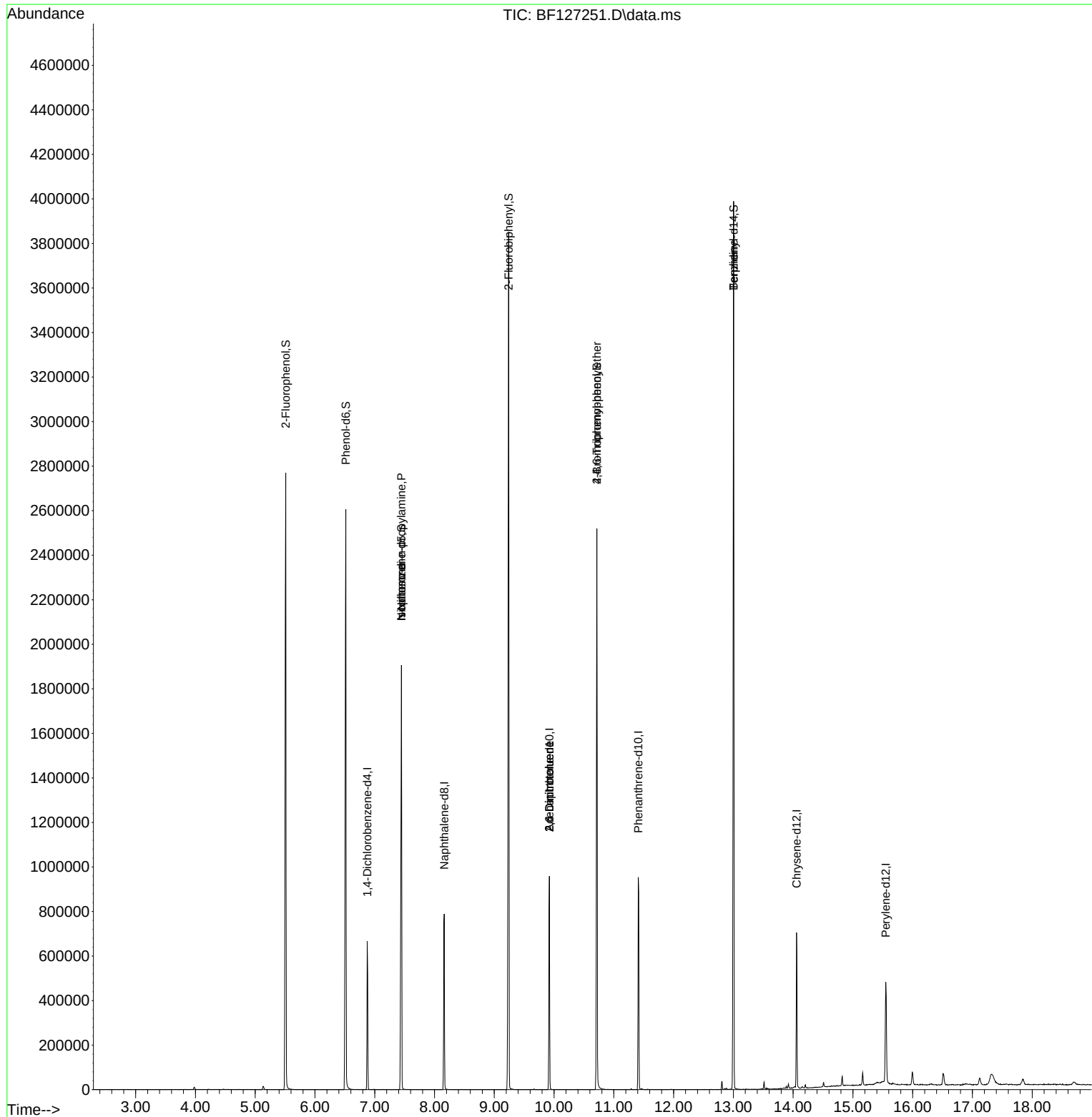
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	87352	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	350401	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	189248	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	342931	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	225628	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	175646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	706197	124.952	ng	0.01
7) Phenol-d6	6.516	99	922954	121.024	ng	0.00
23) Nitrobenzene-d5	7.446	82	649989	83.729	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	311518	142.968	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1127392	87.700	ng	0.00
79) Terphenyl-d14	13.004	244	1380396	89.937	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.446	70	90830	18.484	ng	# 78
25) Isophorone	7.446	82	647803	50.429	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	24287	8.825	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	24287	6.527	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	17627	4.600	ng	# 1
77) Benzidine	13.004	184	19407	3.165	ng	# 94

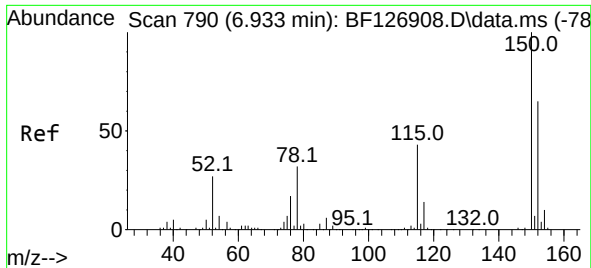
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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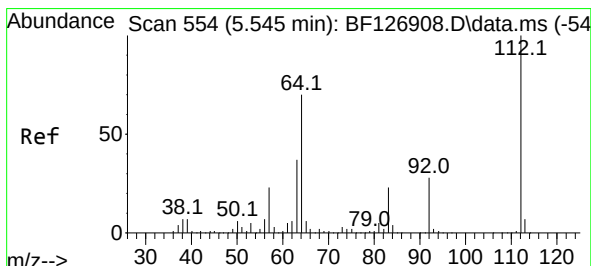
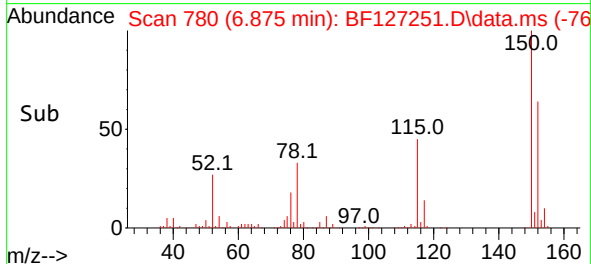
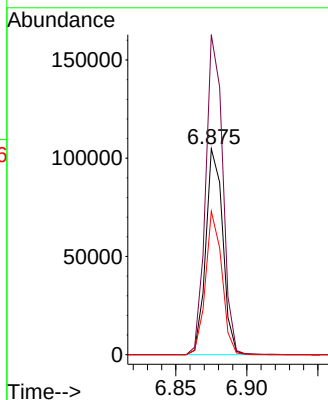
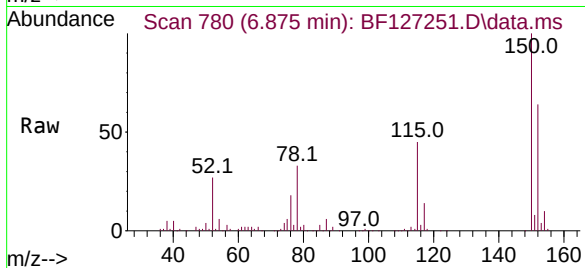




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

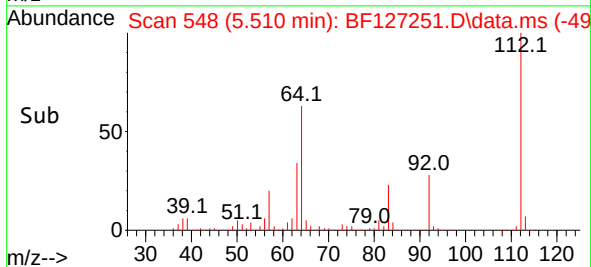
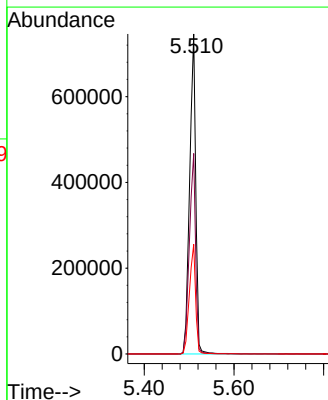
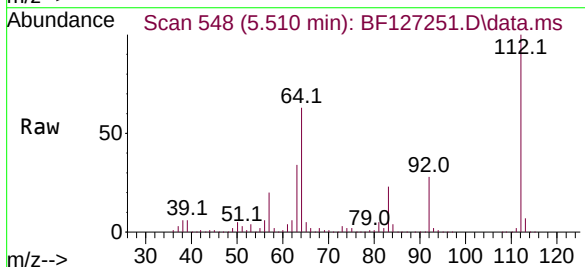
Instrument :
BNA_F
ClientSampleId :
PB143106BL

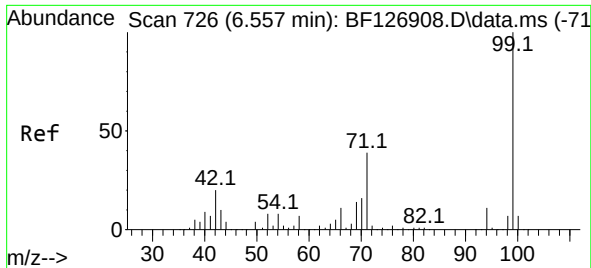
Tgt Ion:152 Resp: 87352
Ion Ratio Lower Upper
152 100
150 155.4 128.1 192.1
115 69.6 56.7 85.1



#5
2-Fluorophenol
Concen: 124.952 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

Tgt Ion:112 Resp: 706197
Ion Ratio Lower Upper
112 100
64 62.6 49.5 74.3
63 34.2 23.9 35.9

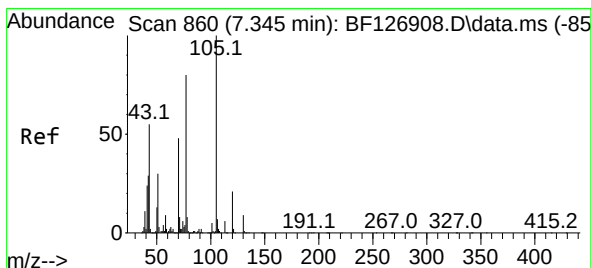
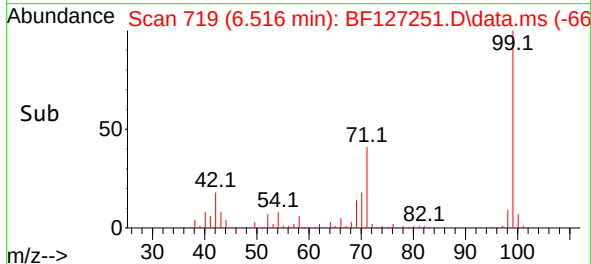
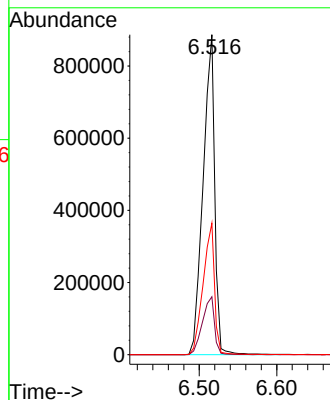
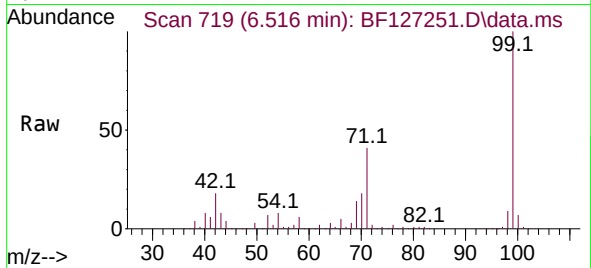




#7
Phenol-d6
Concen: 121.024 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

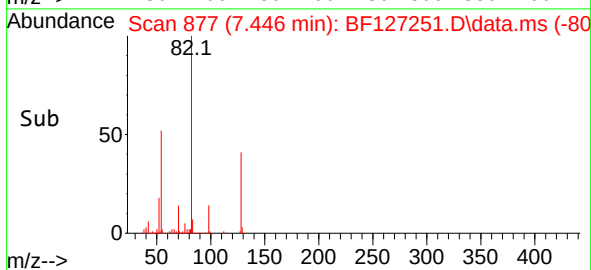
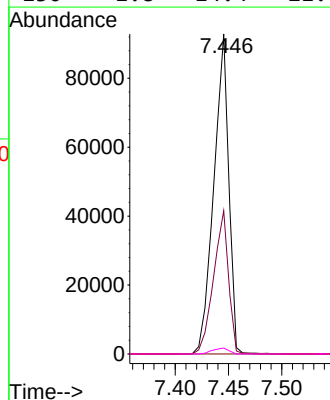
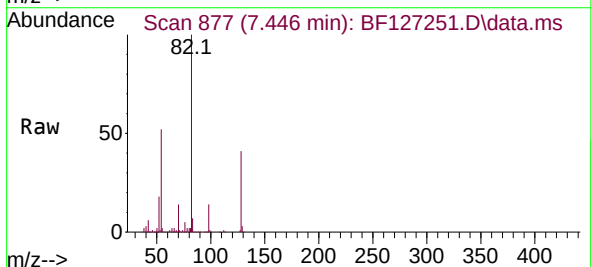
Instrument :
BNA_F
ClientSampleId :
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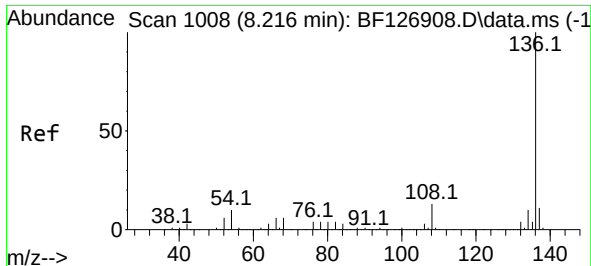
Tgt Ion: 99 Resp: 922954
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 41.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.484 ng
RT: 7.446 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

Tgt Ion: 70 Resp: 90830
Ion Ratio Lower Upper
70 100
42 44.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

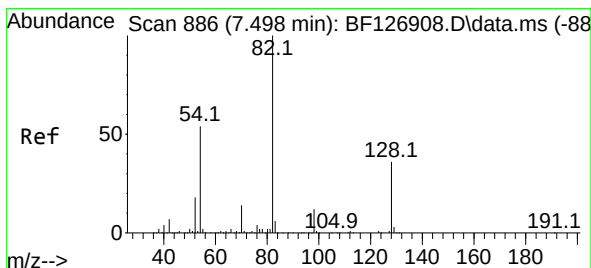
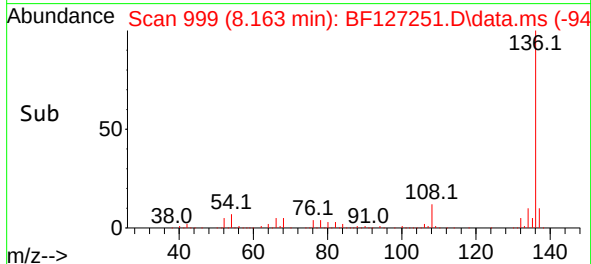
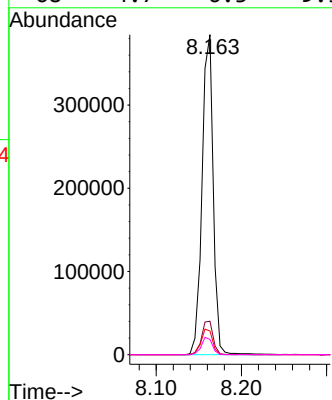
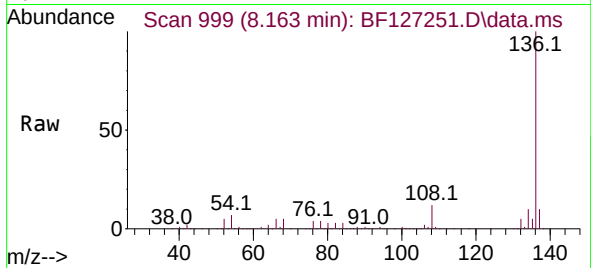




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

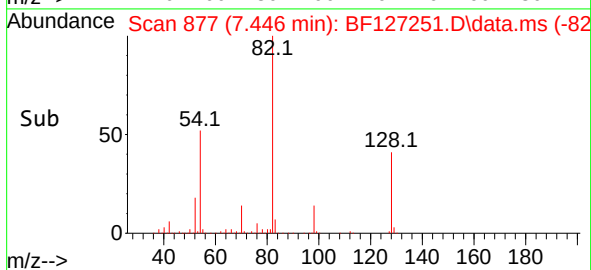
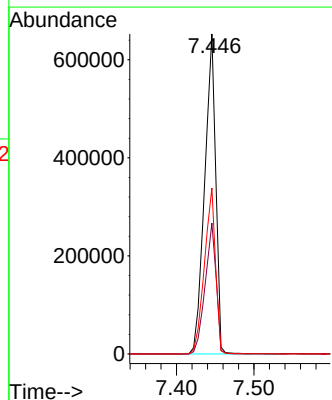
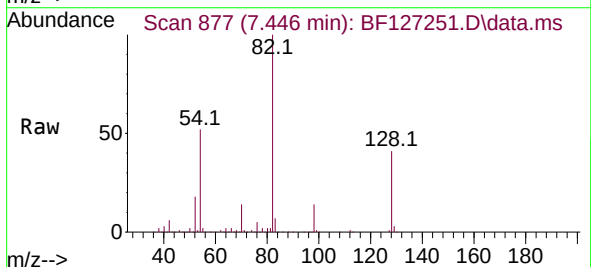
Instrument :
BNA_F
ClientSampleId :
PB143106BL

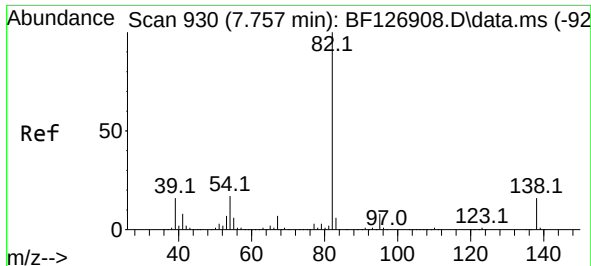
Tgt Ion:136 Resp: 350401
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.4 7.8 11.6#
68 4.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.729 ng
RT: 7.446 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

Tgt Ion: 82 Resp: 649989
Ion Ratio Lower Upper
82 100
128 40.9 32.7 49.1
54 51.8 41.7 62.5

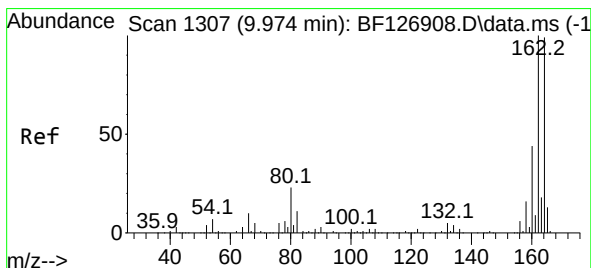
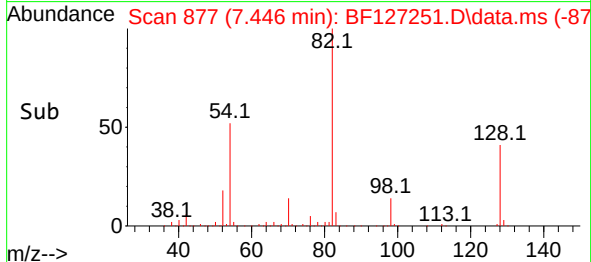
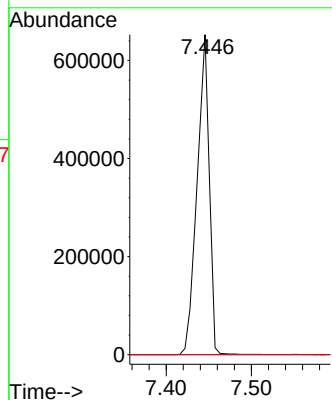
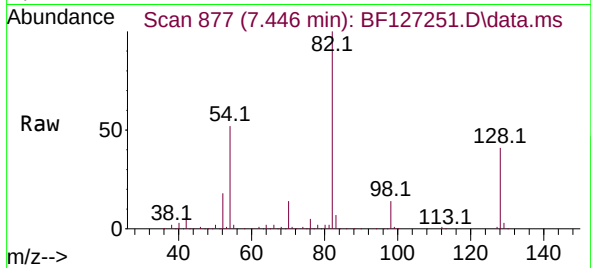




#25
Isophorone
Concen: 50.429 ng
RT: 7.446 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

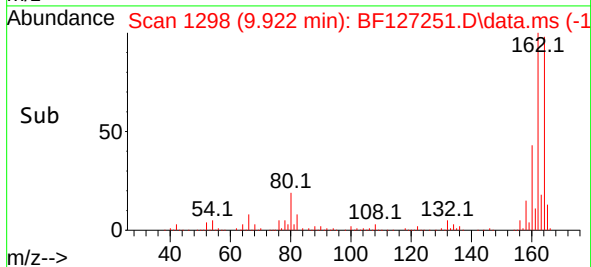
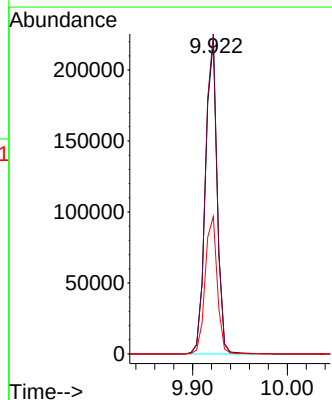
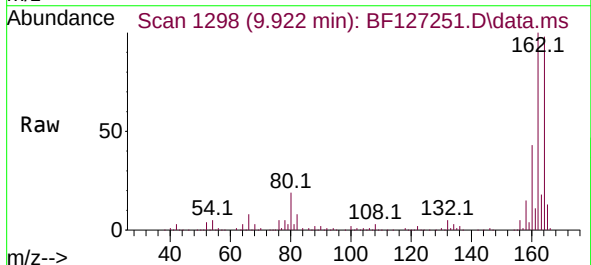
Instrument :
BNA_F
ClientSampleId :
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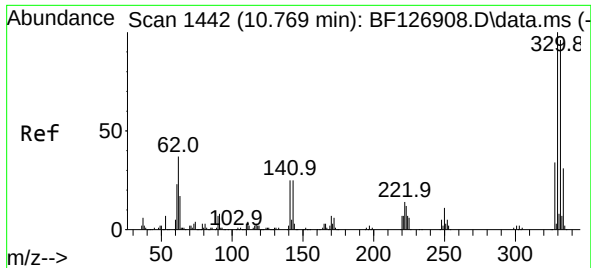
Tgt Ion: 82 Resp: 647803
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

Tgt Ion:164 Resp: 189248
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.0 36.6 54.8

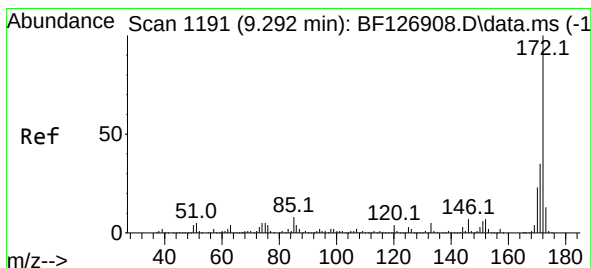
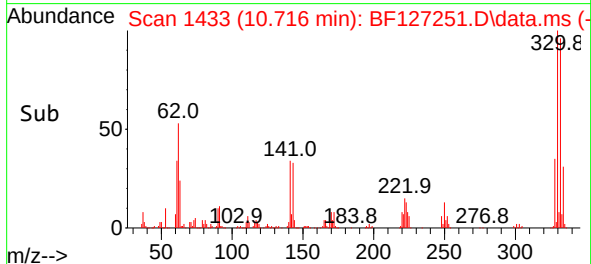
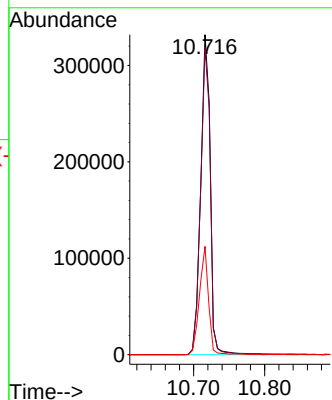
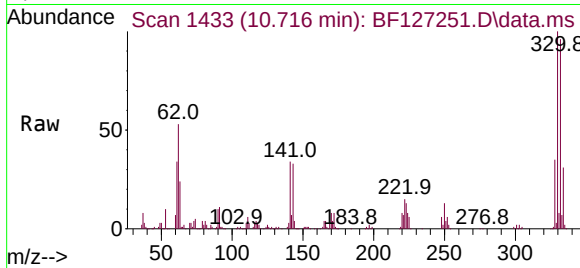




#42
 2,4,6-Tribromophenol
 Concen: 142.968 ng
 RT: 10.716 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF127251.D
 Acq: 08 Mar 2022 11:23

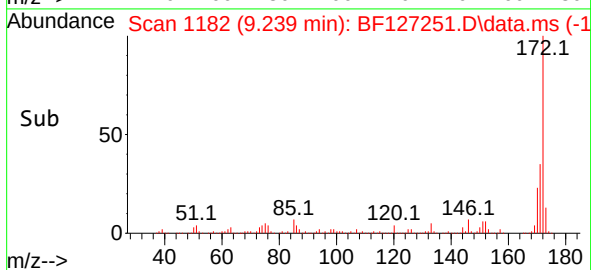
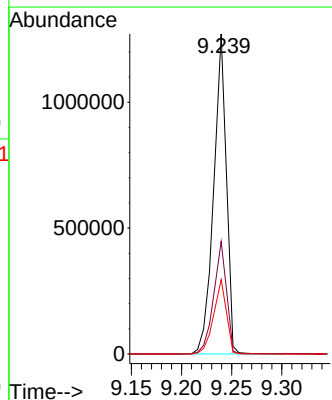
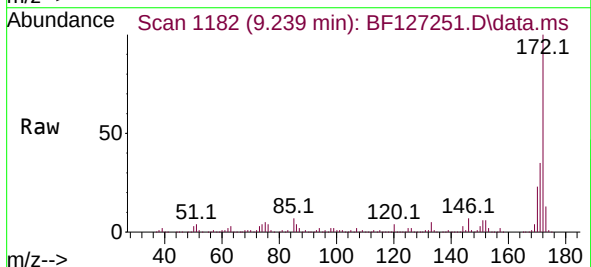
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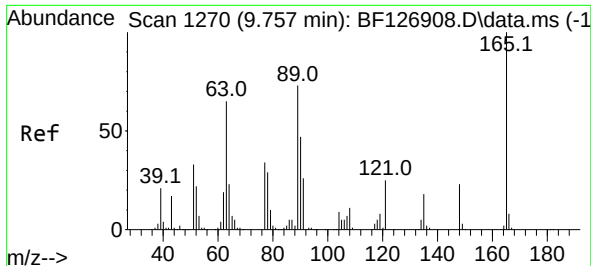
Tgt Ion: 330 Resp: 311518
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.0 114.0
 141 32.4 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 87.700 ng
 RT: 9.239 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BF127251.D
 Acq: 08 Mar 2022 11:23

Tgt Ion: 172 Resp: 1127392
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.3 19.0 28.6

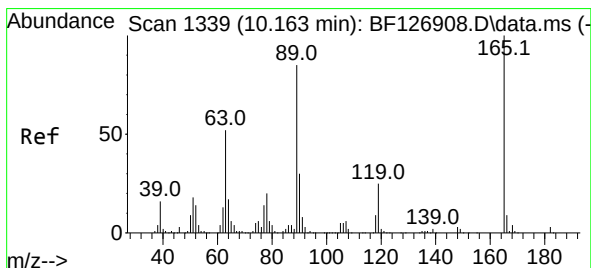
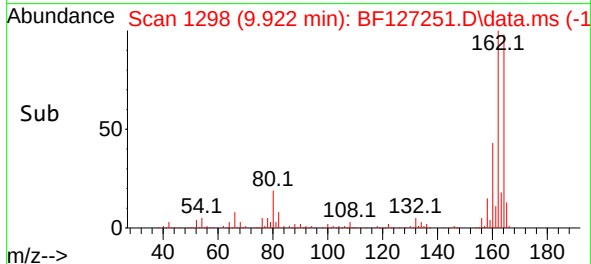
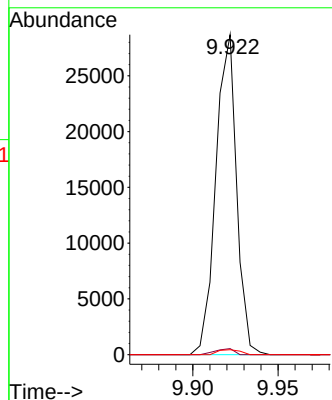
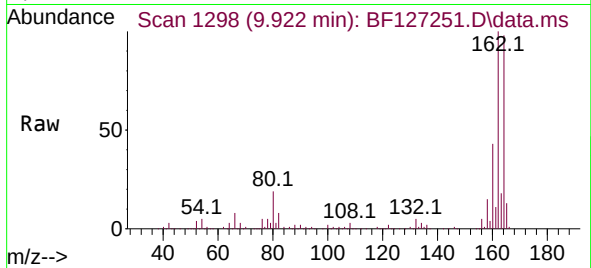




#51
2,6-Dinitrotoluene
Concen: 8.825 ng
RT: 9.922 min Scan# 1270
Delta R.T. 0.212 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

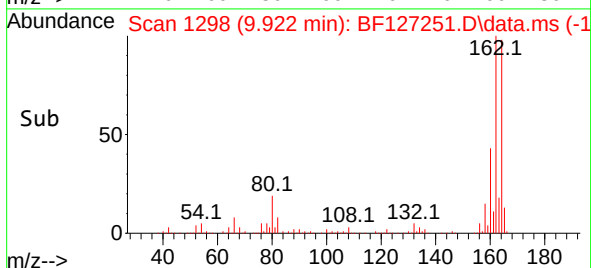
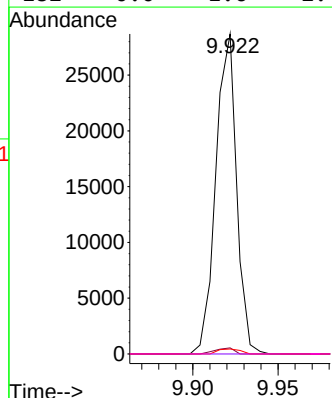
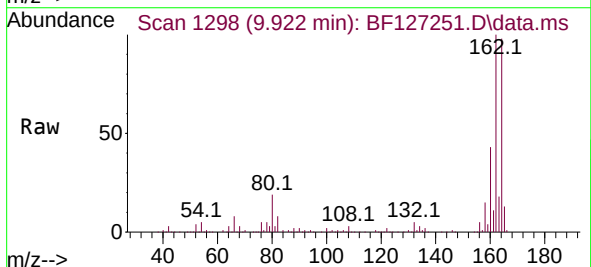
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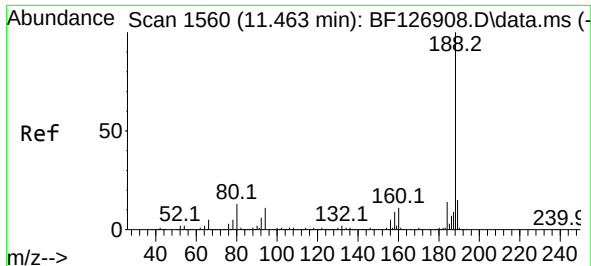
Tgt Ion:165 Resp: 24287
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.527 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

Tgt Ion:165 Resp: 24287
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

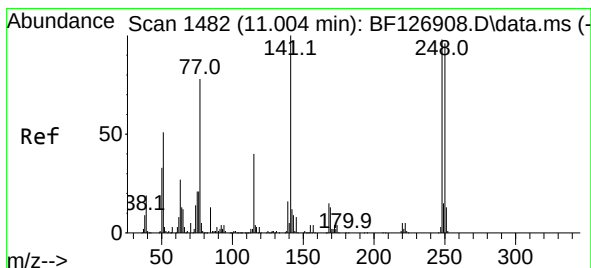
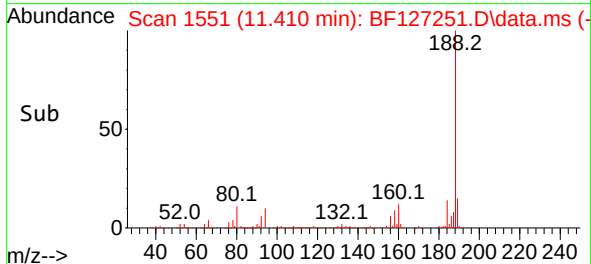
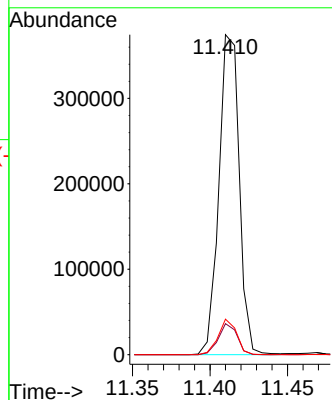
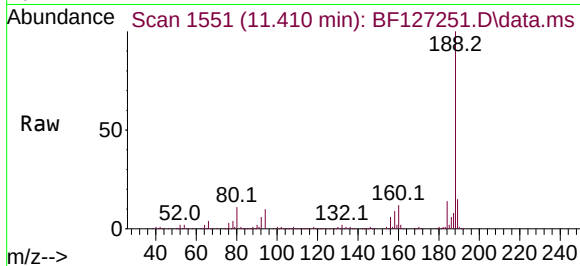




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

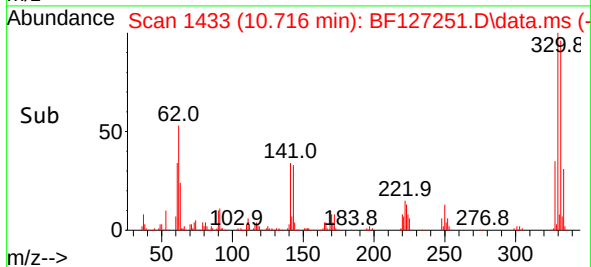
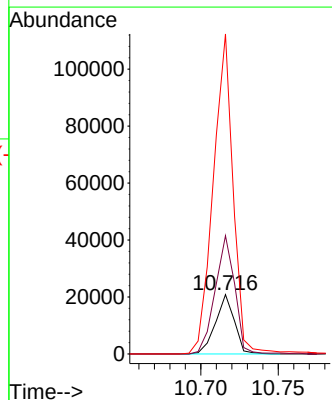
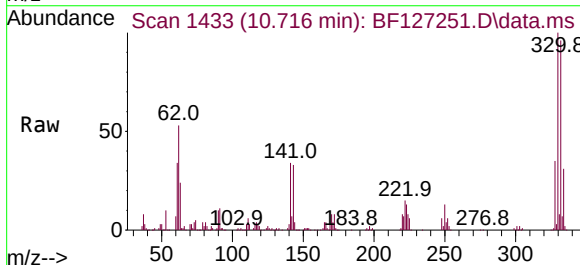
Instrument :
BNA_F
ClientSampleId :
PB143106BL

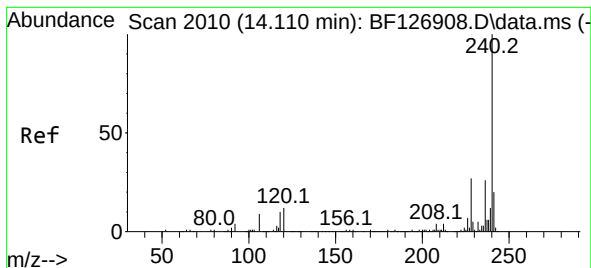
Tgt Ion:188 Resp: 342931
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 11.1 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.600 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127251.D
Acq: 08 Mar 2022 11:23

Tgt Ion:248 Resp: 17627
Ion Ratio Lower Upper
248 100
250 199.3 76.2 114.4#
141 539.2 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: BF127251.D

Acq: 08 Mar 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB143106BL

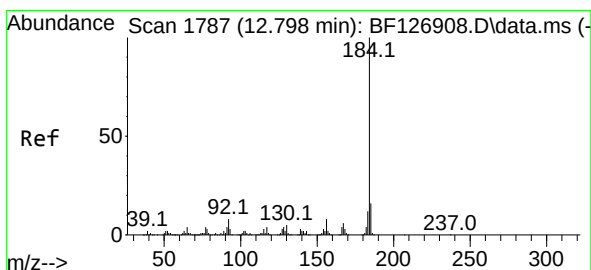
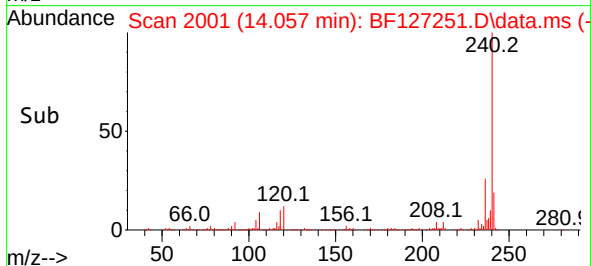
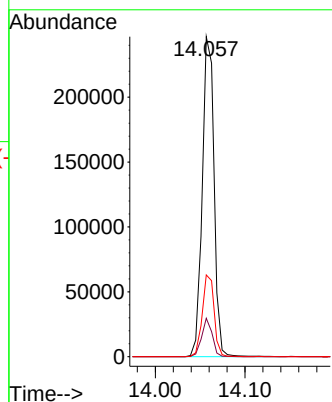
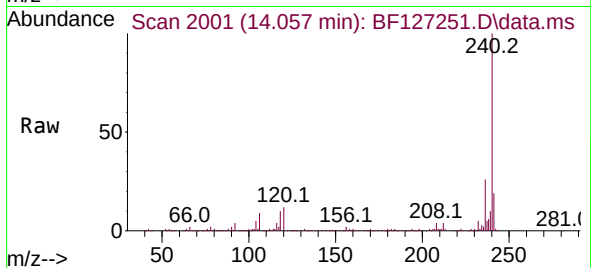
Tgt Ion:240 Resp: 225628

Ion Ratio Lower Upper

240 100

120 12.0 14.4 21.6#

236 25.6 20.5 30.7



#77

Benidine

Concen: 3.165 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.253 min

Lab File: BF127251.D

Acq: 08 Mar 2022 11:23

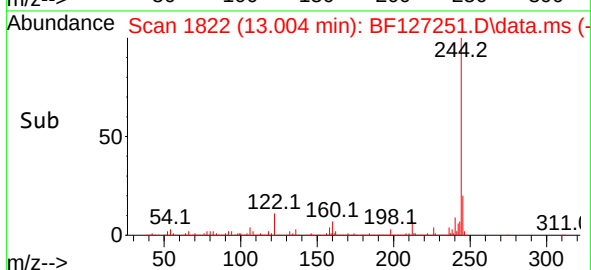
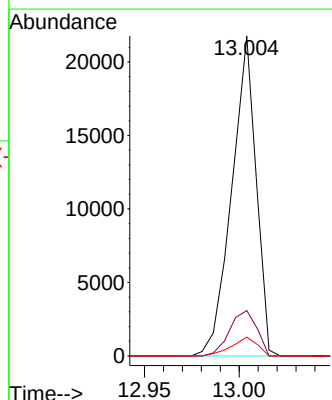
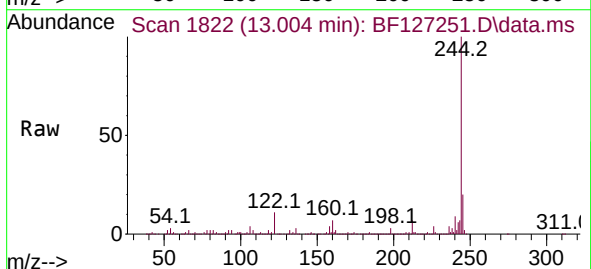
Tgt Ion:184 Resp: 19407

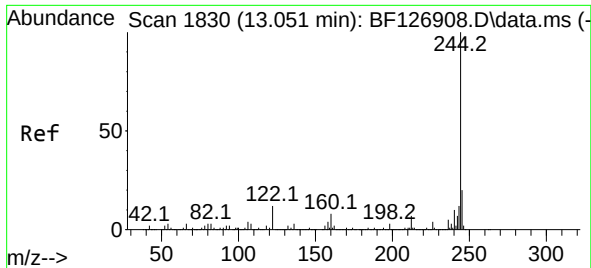
Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

183 5.9 8.2 12.2#

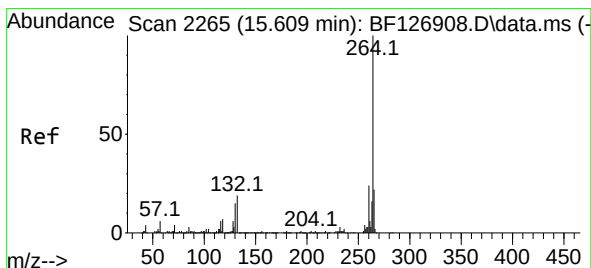
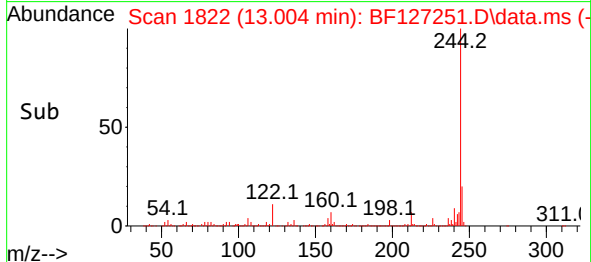
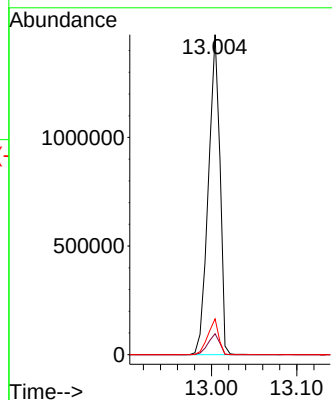
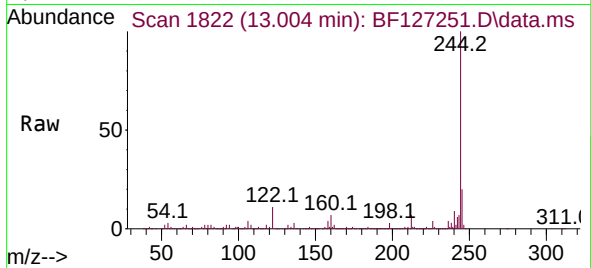




#79
 Terphenyl-d14
 Concen: 89.937 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127251.D
 Acq: 08 Mar 2022 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PB143106BL

Tgt Ion:244 Resp: 1380396
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.006 min
 Lab File: BF127251.D
 Acq: 08 Mar 2022 11:23

Tgt Ion:264 Resp: 175646
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.8 17.4 26.2

