

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127230.D
 Acq On : 07 Mar 2022 19:49
 Operator : CG\JU
 Sample : N1730-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23-24-SAMPLE-LOCATION-12

Quant Time: Mar 08 00:03:43 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)

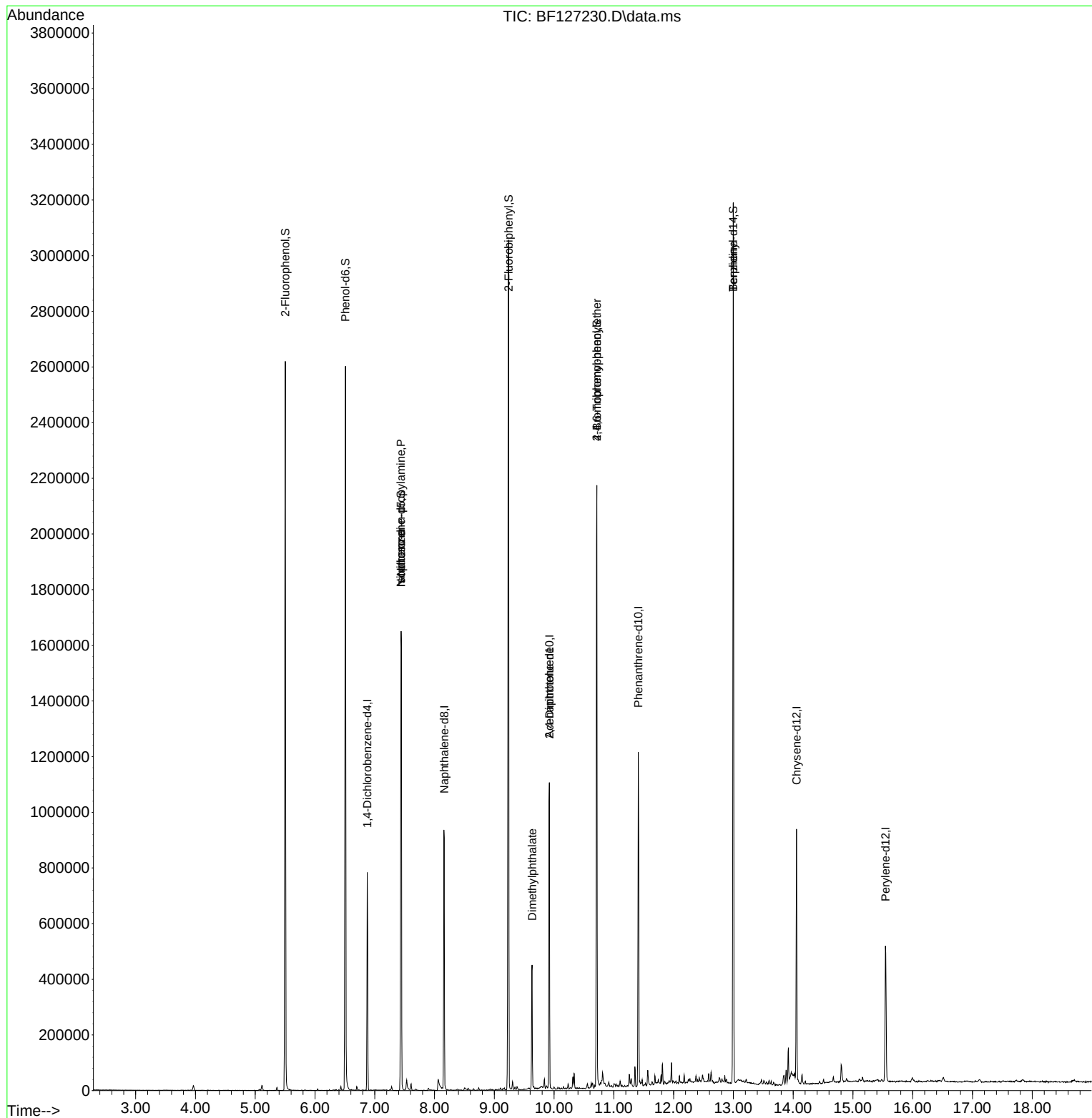
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	100345	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	413225	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	220291	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	394401	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	269091	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	205892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	646721	99.612	ng	0.00
7) Phenol-d6	6.510	99	856919	97.816	ng	0.00
23) Nitrobenzene-d5	7.439	82	595023	64.995	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	272239	107.335	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	943885	63.078	ng	0.00
79) Terphenyl-d14	12.998	244	1041863	56.917	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	80380	14.239	ng	# 78
25) Isophorone	7.439	82	593083	39.150	ng	# 69
50) Dimethylphthalate	9.633	163	165735	10.525	ng	99
57) 2,4-Dinitrotoluene	9.922	165	28029	6.471	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	15716	3.566	ng	# 1
77) Benzidine	12.998	184	15307	2.093	ng	# 92

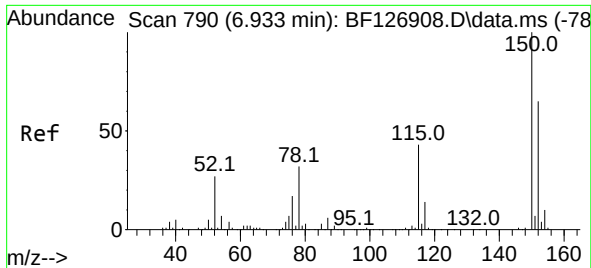
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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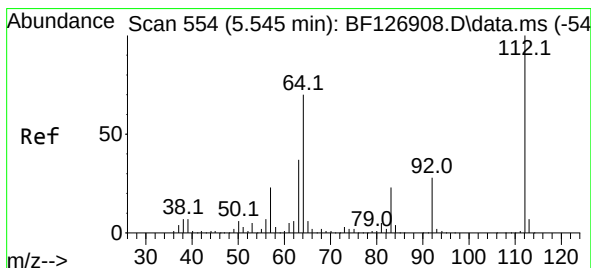
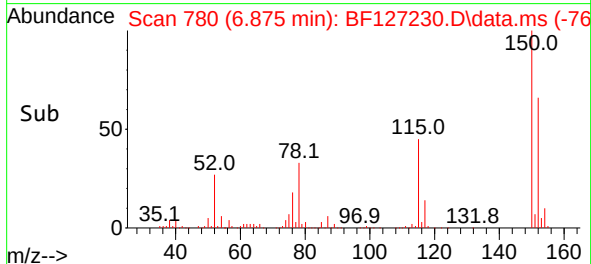
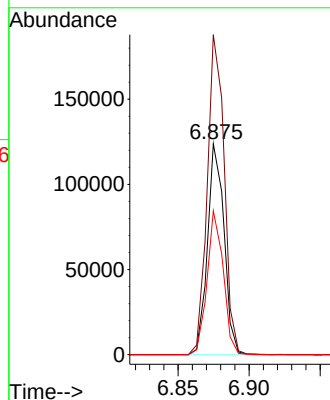
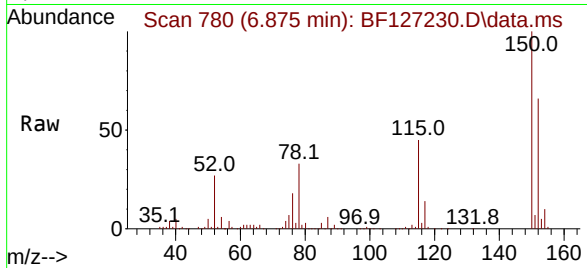




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127230.D
 Acq: 07 Mar 2022 19:49

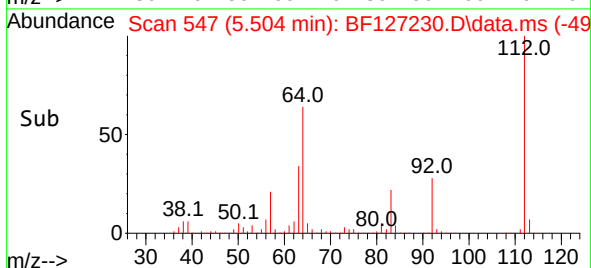
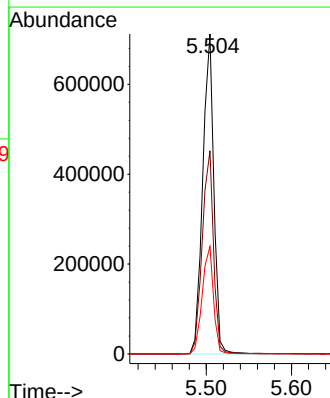
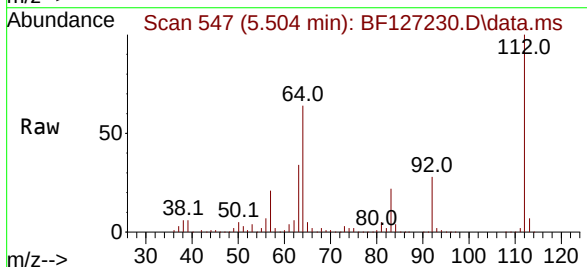
Instrument :
 BNA_F
 ClientSampleId :
 23-24-SAMPLE-LOCATION-12

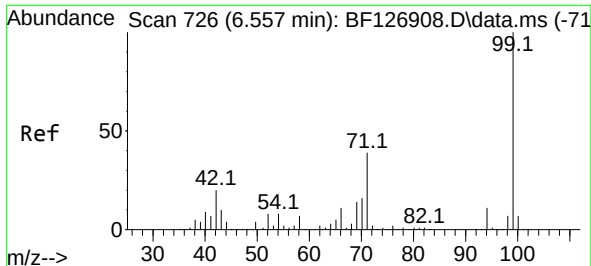
Tgt Ion:152 Resp: 100345
 Ion Ratio Lower Upper
 152 100
 150 151.7 128.1 192.1
 115 68.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 99.612 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF127230.D
 Acq: 07 Mar 2022 19:49

Tgt Ion:112 Resp: 646721
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.5 74.3
 63 33.6 23.9 35.9

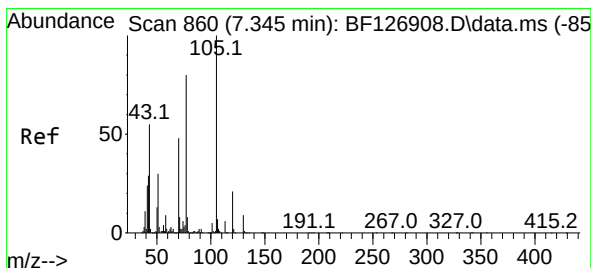
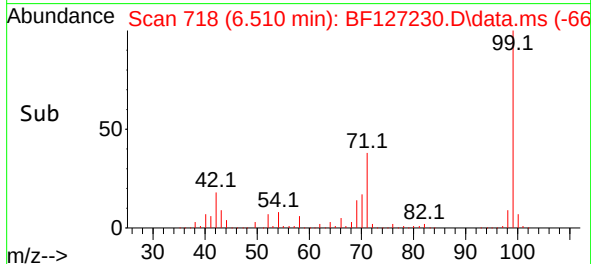
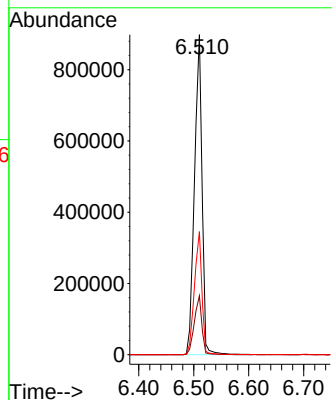
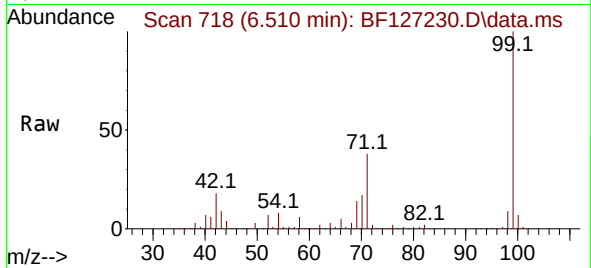




#7
Phenol-d6
Concen: 97.816 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

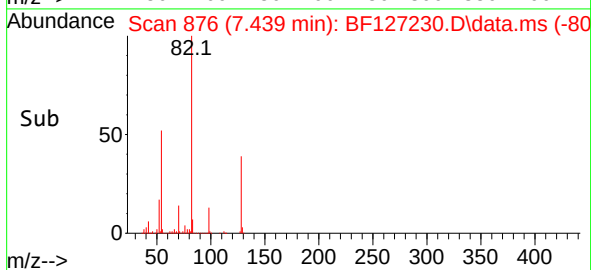
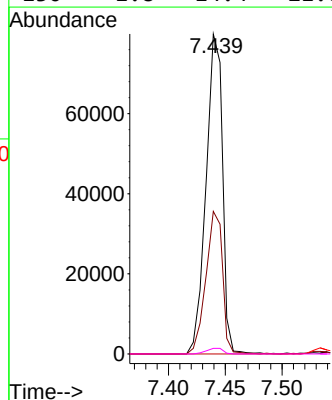
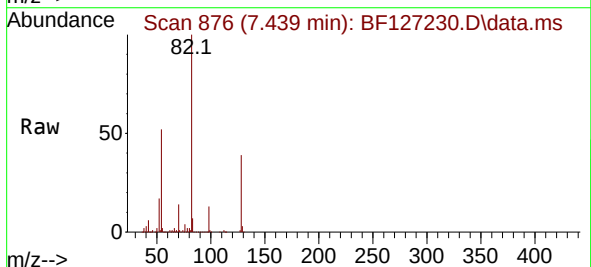
Instrument :
BNA_F
ClientSampleId :
23-24-SAMPLE-LOCATION-12

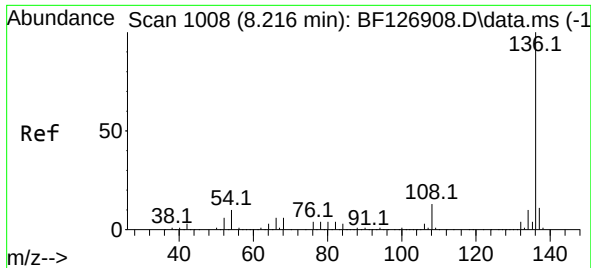
Tgt Ion: 99 Resp: 856919
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 38.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.239 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

Tgt Ion: 70 Resp: 80380
Ion Ratio Lower Upper
70 100
42 44.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

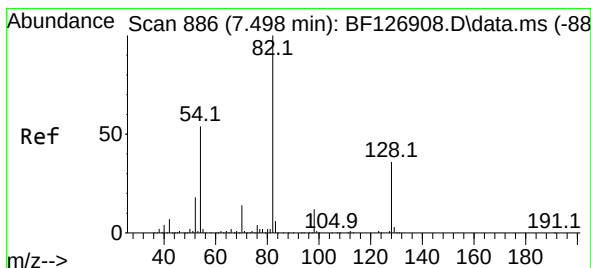
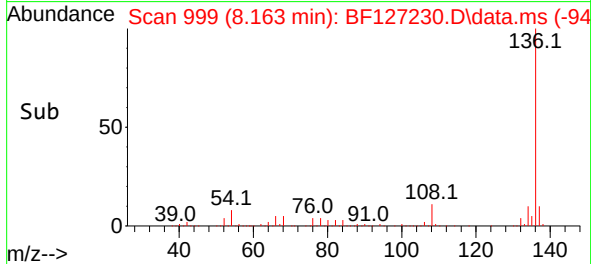
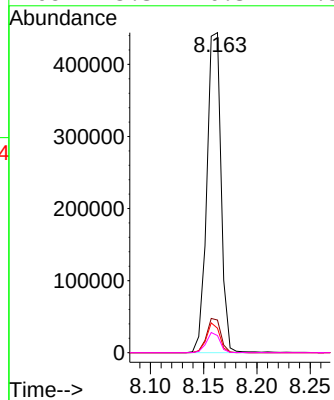
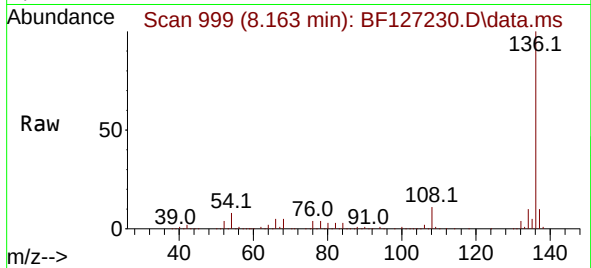




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

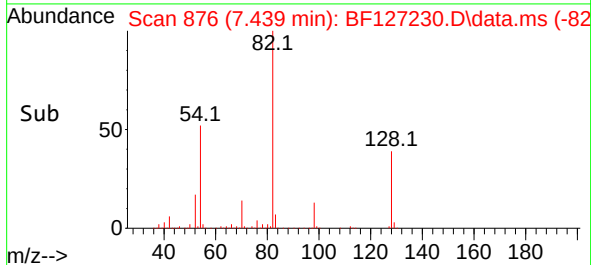
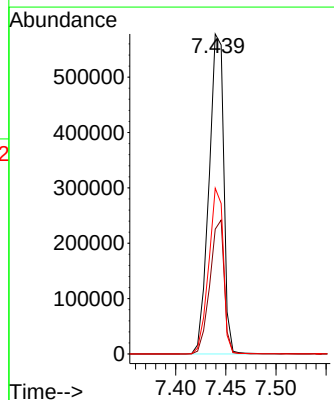
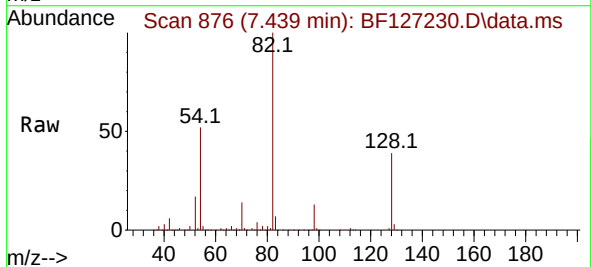
Instrument :
BNA_F
ClientSampleId :
23-24-SAMPLE-LOCATION-12

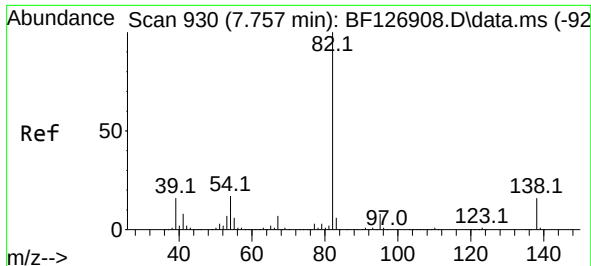
Tgt Ion:136 Resp: 413225
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.7 7.8 11.6#
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 64.995 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

Tgt Ion: 82 Resp: 595023
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 51.8 41.7 62.5

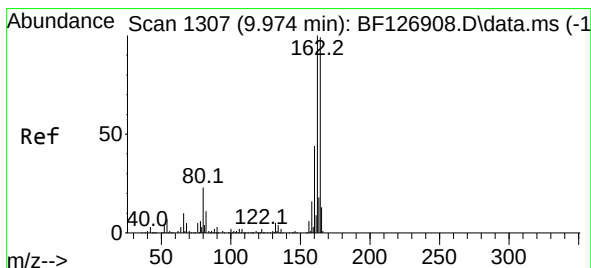
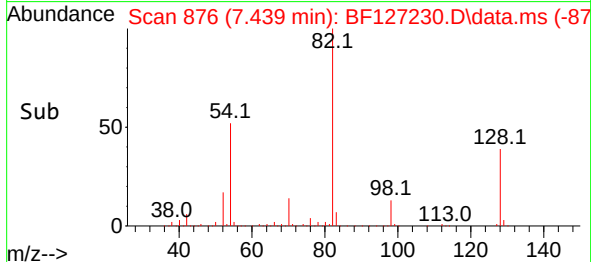
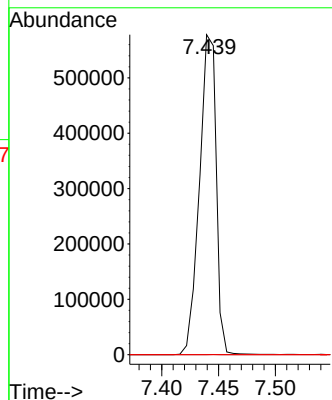
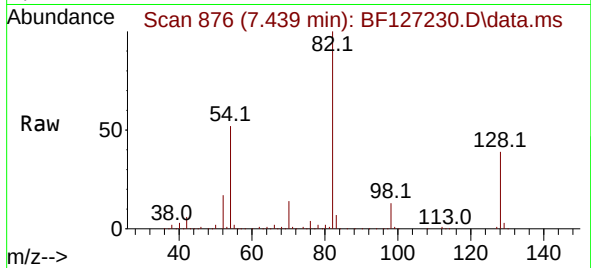




#25
Isophorone
Concen: 39.150 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

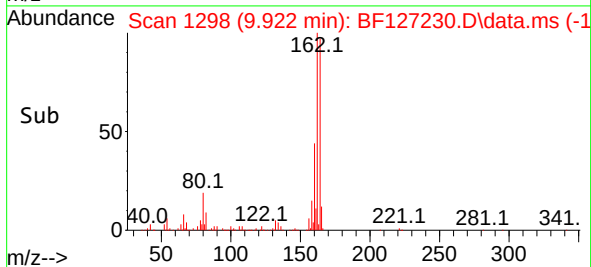
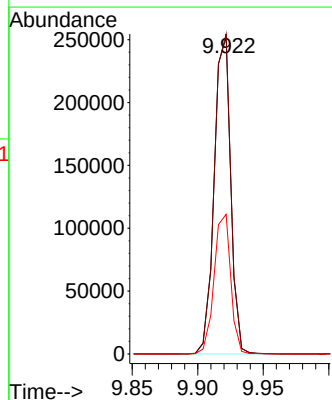
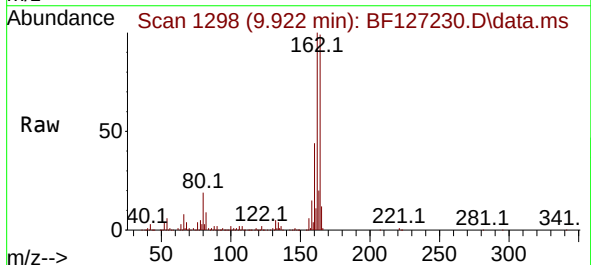
Instrument :
BNA_F
ClientSampleId :
23-24-SAMPLE-LOCATION-12

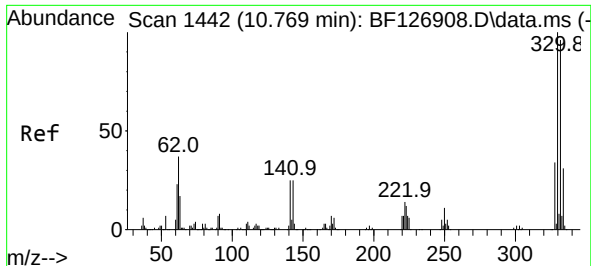
Tgt Ion: 82 Resp: 593083
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

Tgt Ion:164 Resp: 220291
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 44.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 107.335 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127230.D

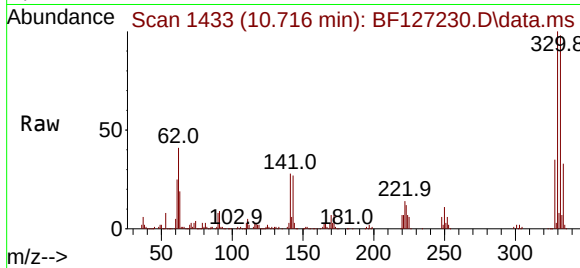
Acq: 07 Mar 2022 19:49

Instrument :

BNA_F

ClientSampleId :

23-24-SAMPLE-LOCATION-12



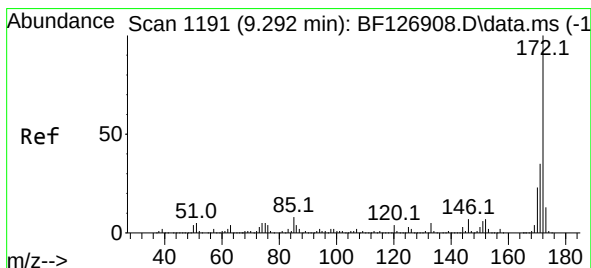
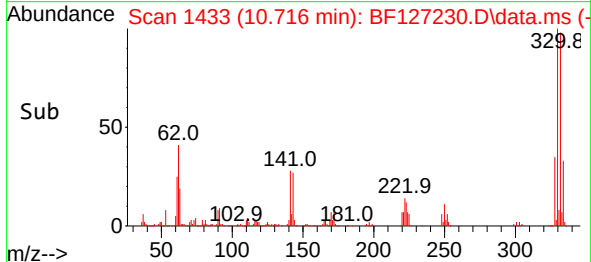
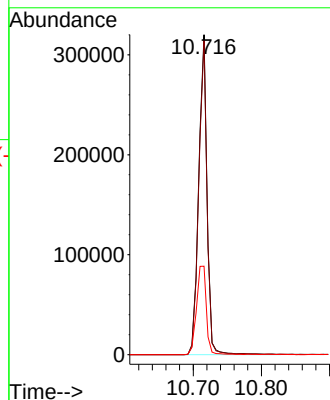
Tgt Ion:330 Resp: 272239

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 32.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 63.078 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127230.D

Acq: 07 Mar 2022 19:49

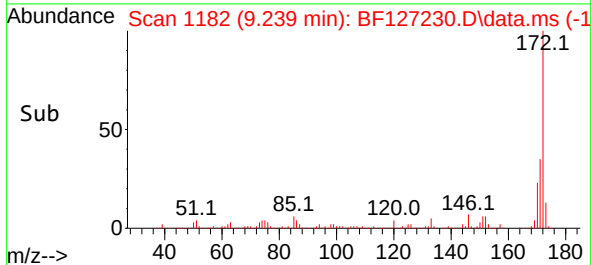
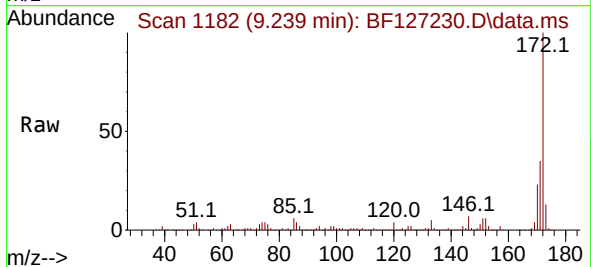
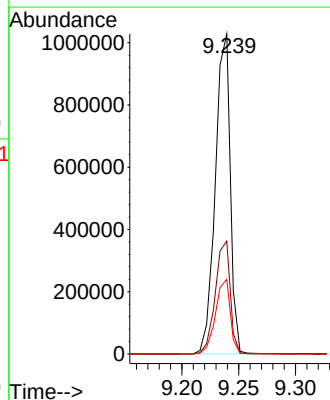
Tgt Ion:172 Resp: 943885

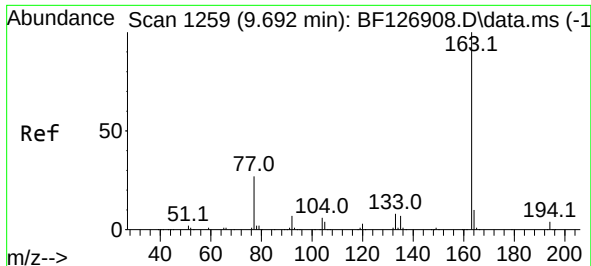
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 19.0 28.6

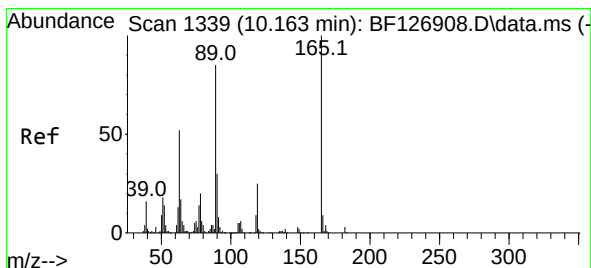
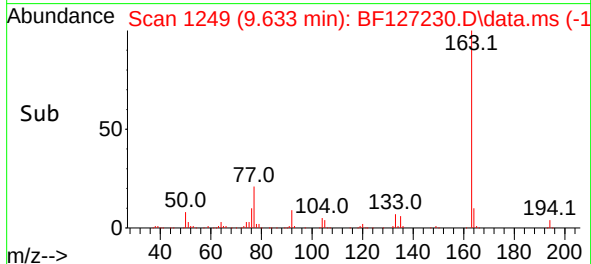
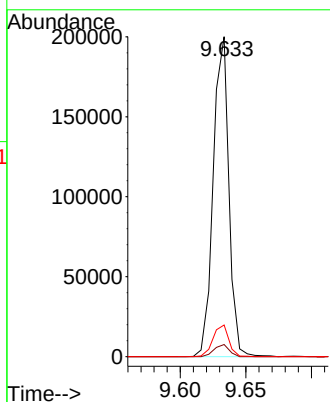
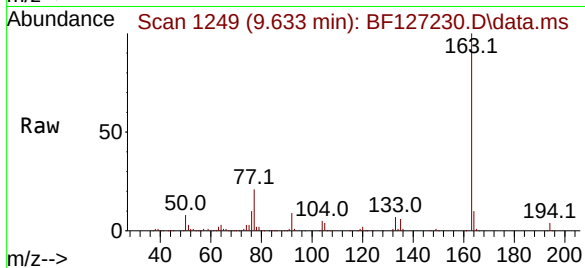




#50
Dimethylphthalate
Concen: 10.525 ng
RT: 9.633 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

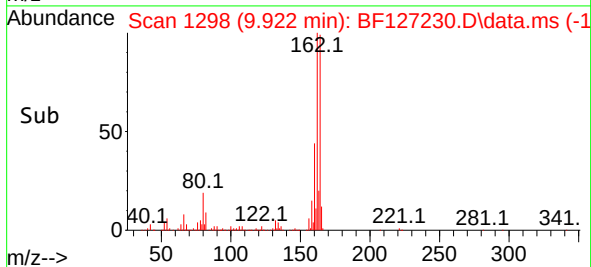
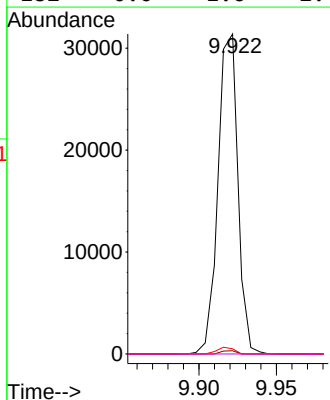
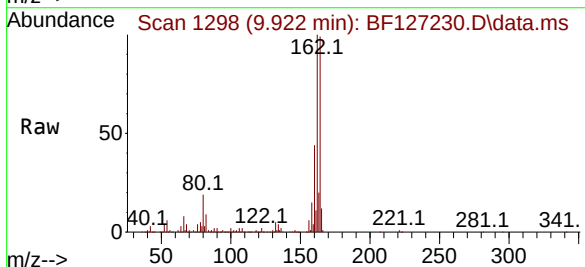
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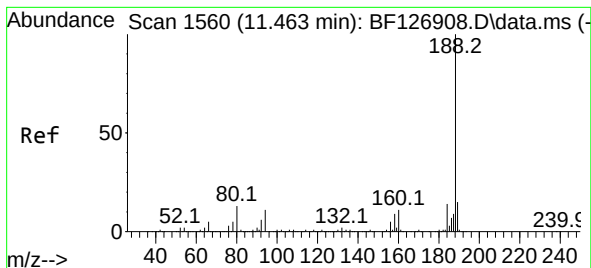
Tgt Ion:163 Resp: 165735
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 9.9 7.8 11.8



#57
2,4-Dinitrotoluene
Concen: 6.471 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127230.D
Acq: 07 Mar 2022 19:49

Tgt Ion:165 Resp: 28029
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.6 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: BF127230.D

Acq: 07 Mar 2022 19:49

Instrument :

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23-24-SAMPLE-LOCATION-12

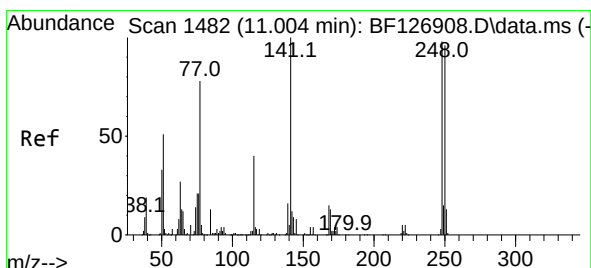
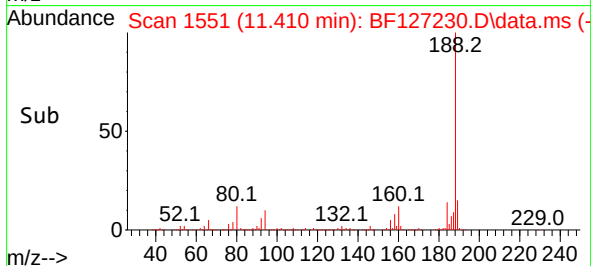
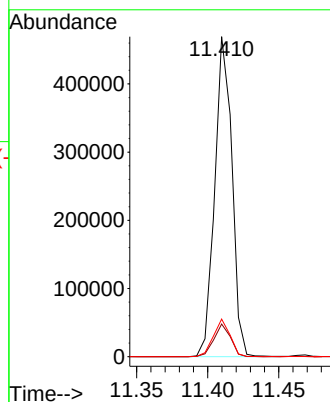
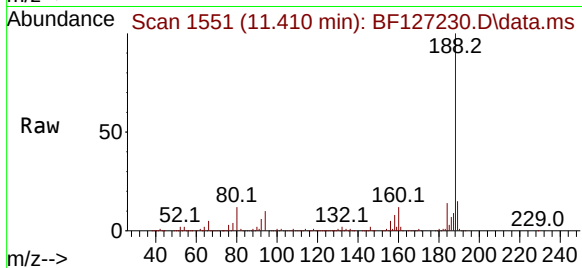
Tgt Ion:188 Resp: 394401

Ion Ratio Lower Upper

188 100

94 10.2 10.1 15.1

80 11.7 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.566 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF127230.D

Acq: 07 Mar 2022 19:49

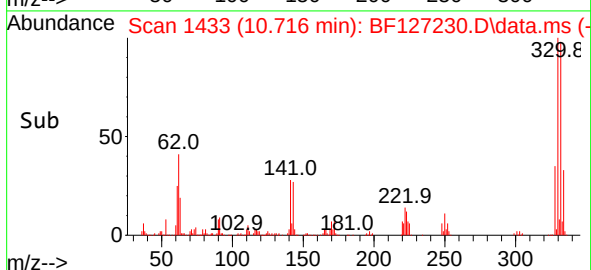
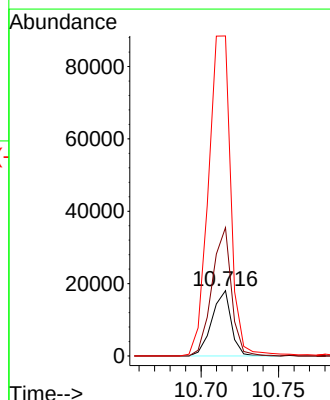
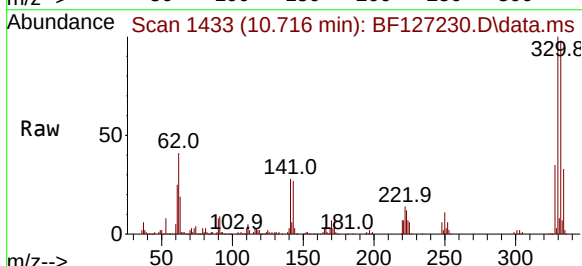
Tgt Ion:248 Resp: 15716

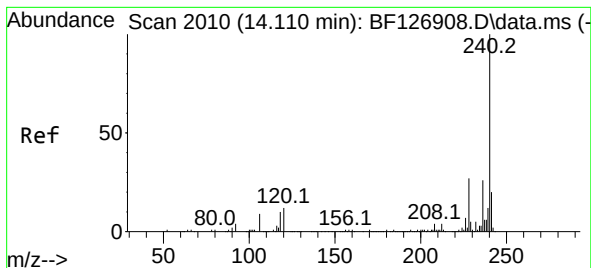
Ion Ratio Lower Upper

248 100

250 196.9 76.2 114.4#

141 490.7 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: BF127230.D

Acq: 07 Mar 2022 19:49

Instrument :

BNA_F

ClientSampleId :

23-24-SAMPLE-LOCATION-12

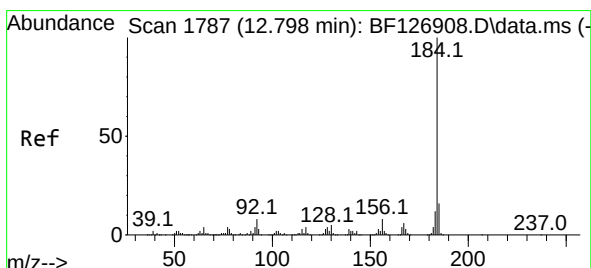
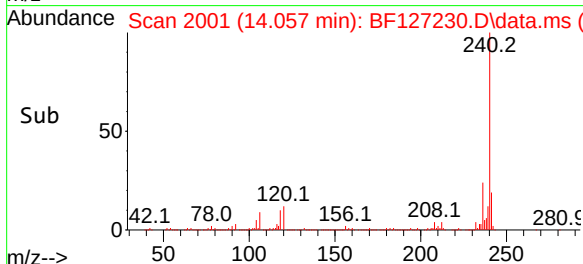
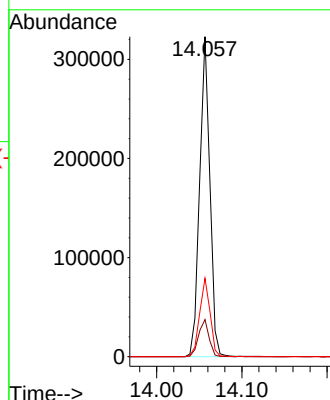
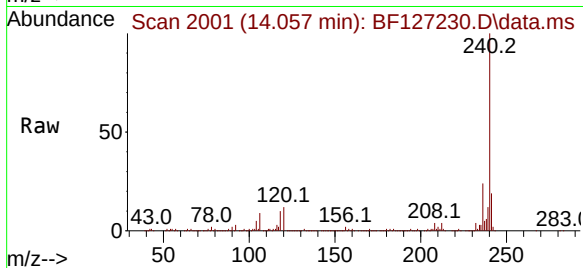
Tgt Ion:240 Resp: 269091

Ion Ratio Lower Upper

240 100

120 11.6 14.4 21.6#

236 24.5 20.5 30.7



#77

Benzidine

Concen: 2.093 ng

RT: 12.998 min Scan# 1821

Delta R.T. 0.247 min

Lab File: BF127230.D

Acq: 07 Mar 2022 19:49

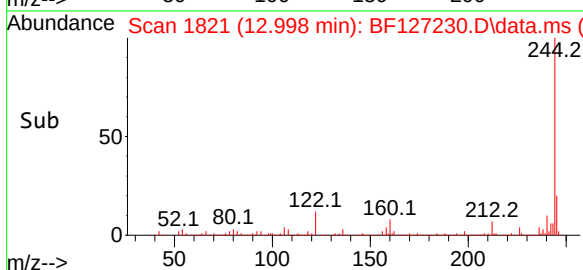
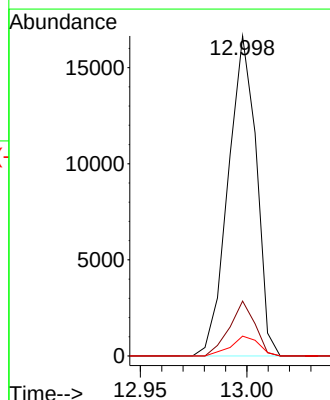
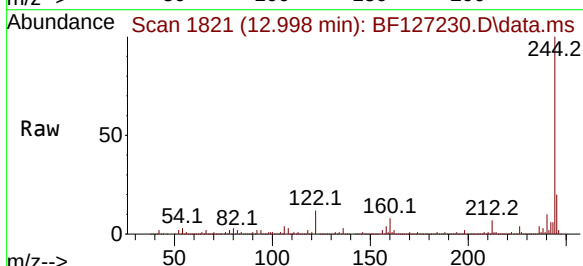
Tgt Ion:184 Resp: 15307

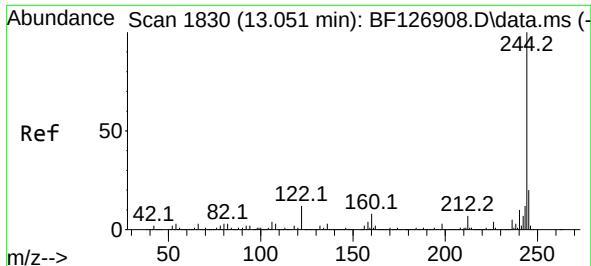
Ion Ratio Lower Upper

184 100

185 17.1 11.8 17.8

183 6.2 8.2 12.2#

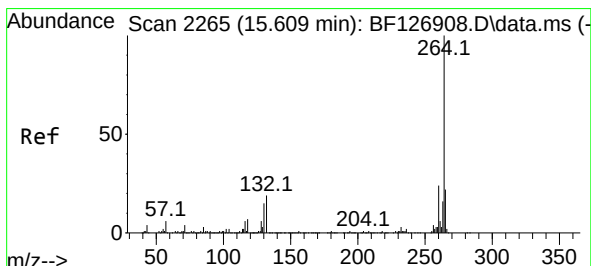
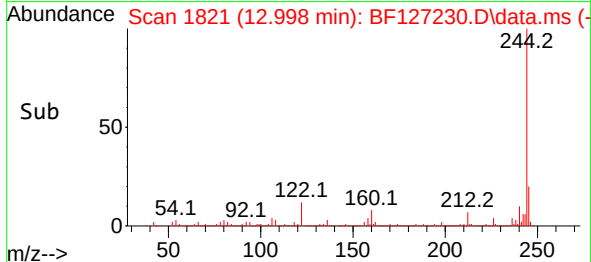
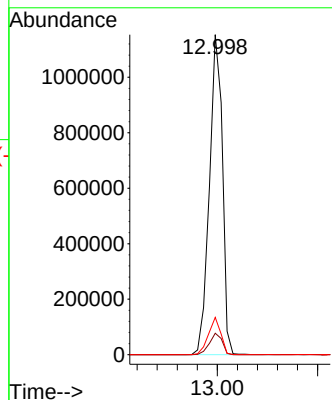
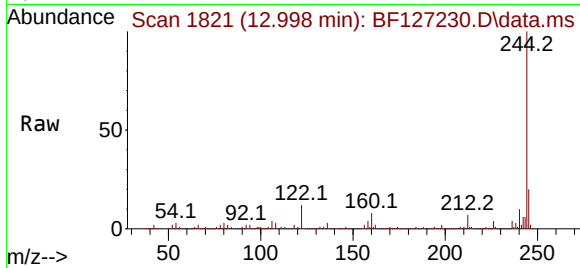




#79
 Terphenyl-d14
 Concen: 56.917 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127230.D
 Acq: 07 Mar 2022 19:49

Instrument :
 BNA_F
 ClientSampleId :
 23-24-SAMPLE-LOCATION-12

Tgt Ion:244 Resp: 1041863
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 11.7 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: BF127230.D
 Acq: 07 Mar 2022 19:49

Tgt Ion:264 Resp: 205892
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 17.4 26.2

