

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127227.D
 Acq On : 07 Mar 2022 18:16
 Operator : CG\JU
 Sample : PB143077TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143077TB

Quant Time: Mar 08 00:03:23 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)

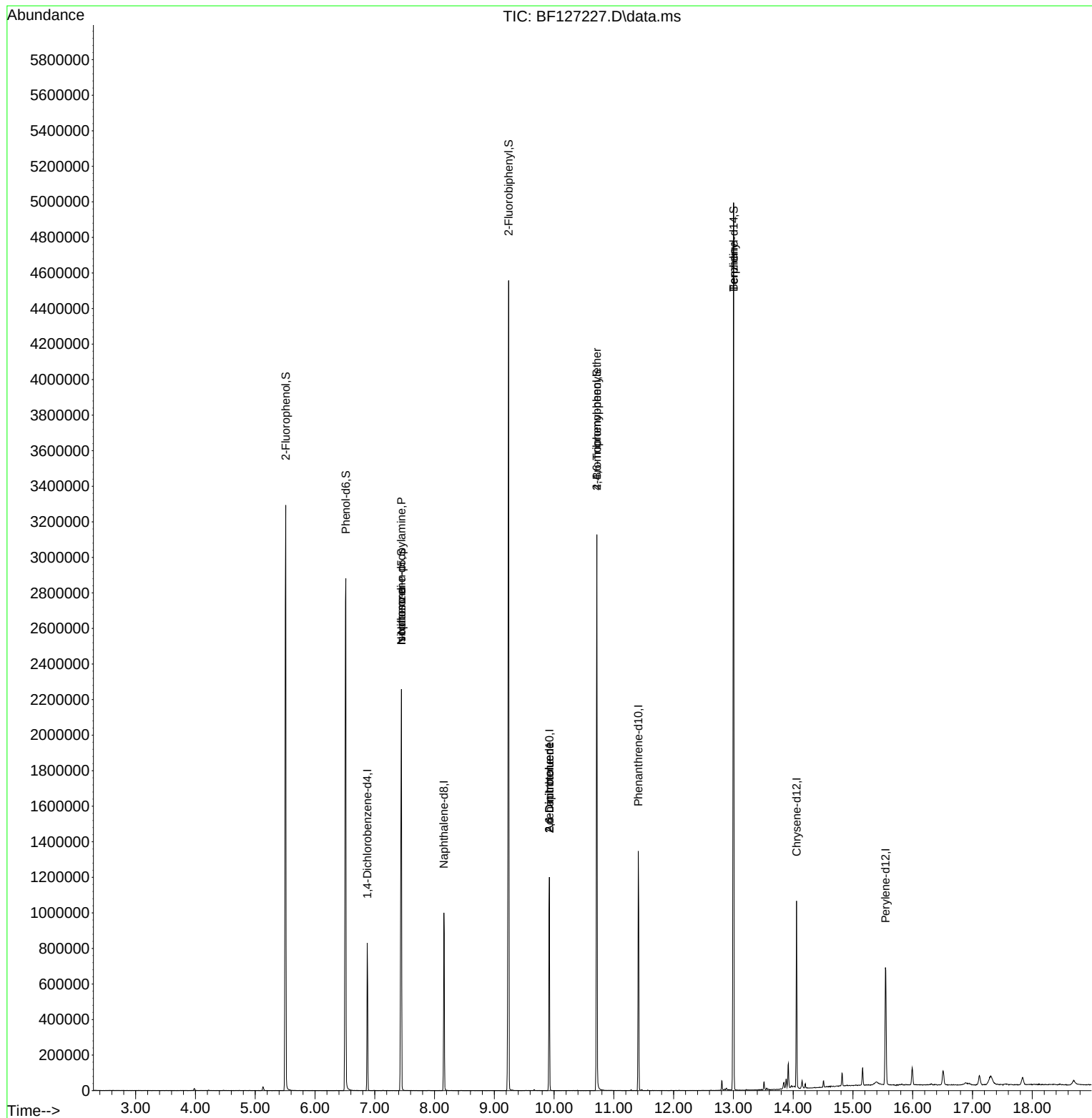
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	107531	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	442835	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	235725	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	438481	20.000	ng	0.00
76) Chrysene-d12	14.057	240	310934	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	246038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	849773	122.140	ng	0.01
7) Phenol-d6	6.516	99	1138860	121.311	ng	0.00
23) Nitrobenzene-d5	7.445	82	788401	80.360	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	374339	137.926	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1325257	82.765	ng	0.00
79) Terphenyl-d14	13.004	244	1762942	83.349	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	105689	17.471	ng	# 76
25) Isophorone	7.445	82	788394	48.563	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	30075	8.773	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	30075	6.489	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	21639	4.417	ng	# 1
77) Benzidine	13.004	184	24974	2.956	ng	# 95

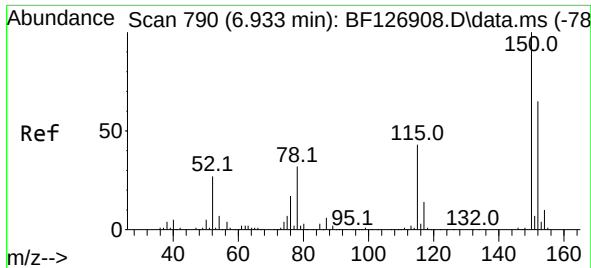
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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Quant Time: Mar 08 00:03:23 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

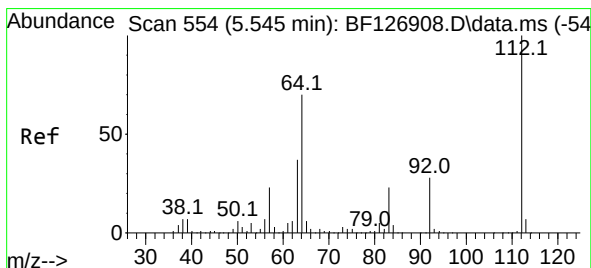
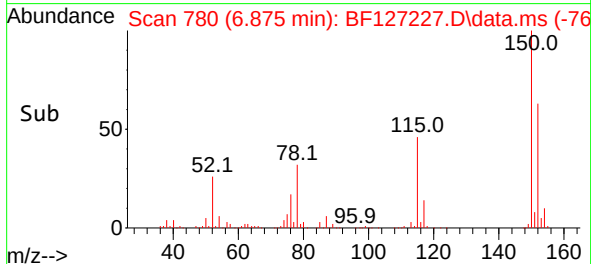
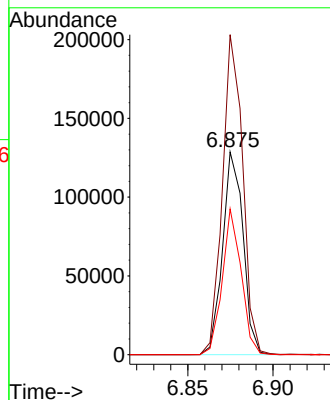
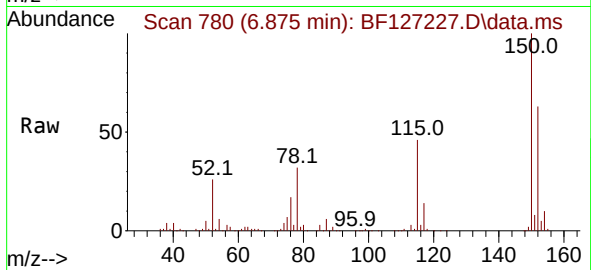




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

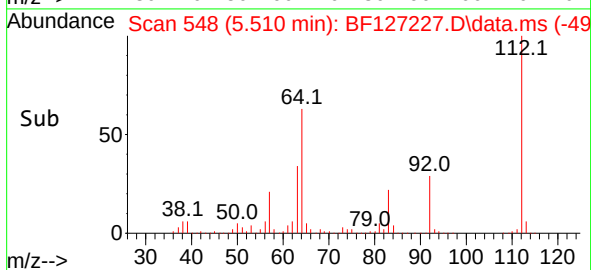
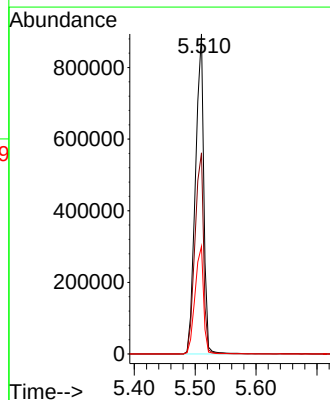
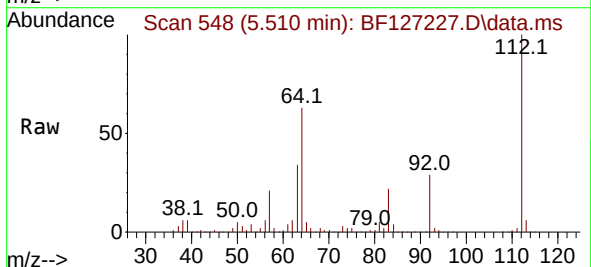
Instrument :
BNA_F
ClientSampleId :
PB143077TB

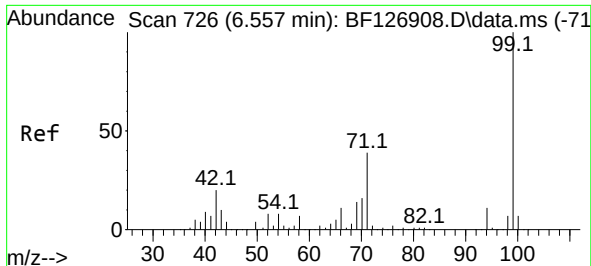
Tgt Ion:152 Resp: 107531
Ion Ratio Lower Upper
152 100
150 157.8 128.1 192.1
115 71.8 56.7 85.1



#5
2-Fluorophenol
Concen: 122.140 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

Tgt Ion:112 Resp: 849773
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 33.6 23.9 35.9

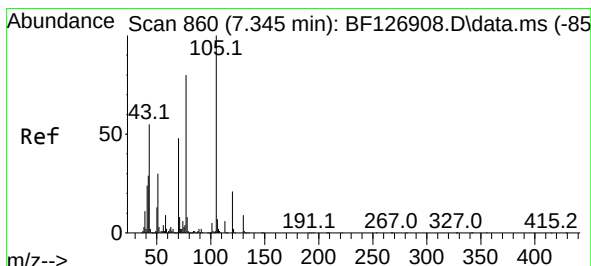
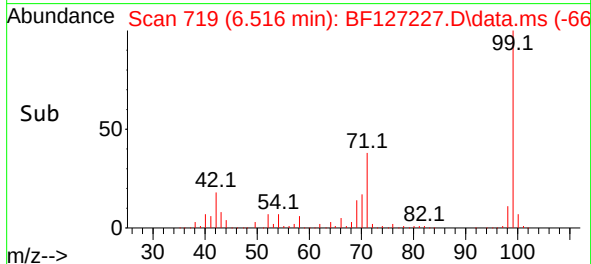
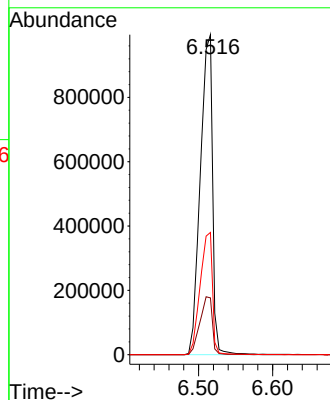
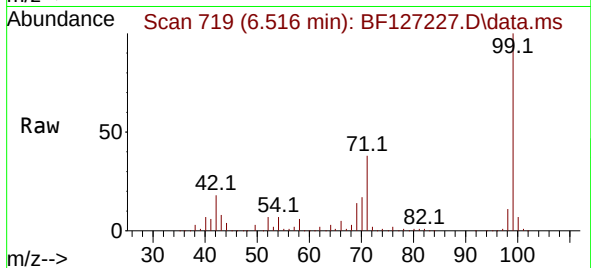




#7
Phenol-d6
Concen: 121.311 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

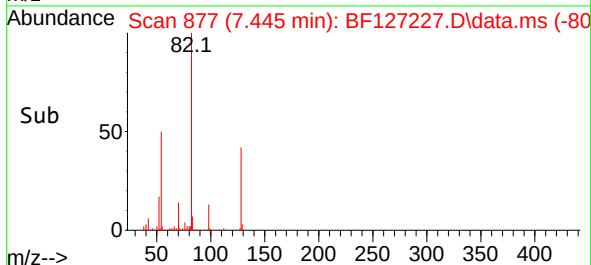
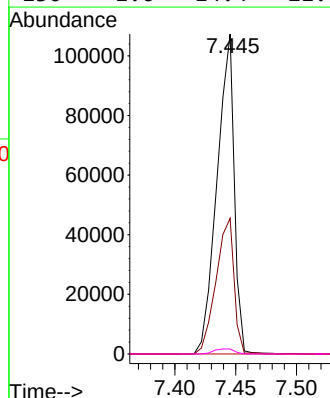
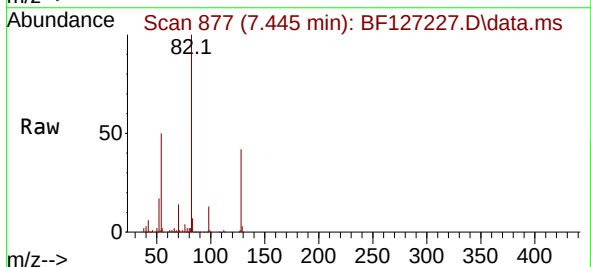
Instrument :
BNA_F
ClientSampleId :
PB143077TB

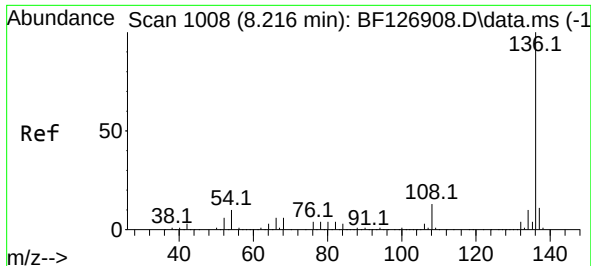
Tgt Ion: 99 Resp: 1138860
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 38.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.471 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

Tgt Ion: 70 Resp: 105689
Ion Ratio Lower Upper
70 100
42 42.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

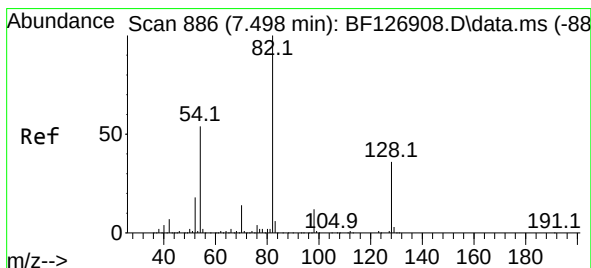
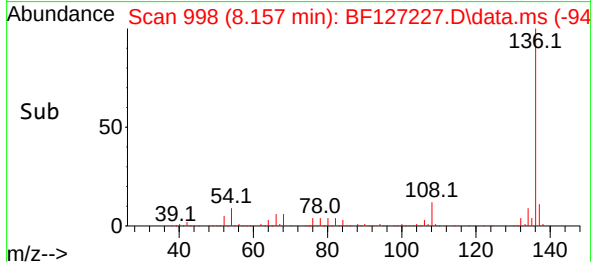
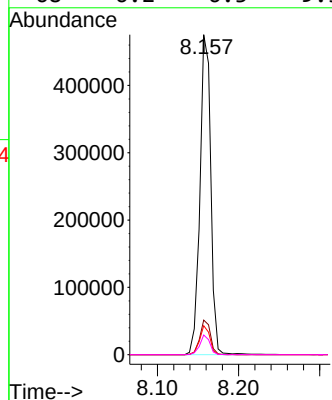
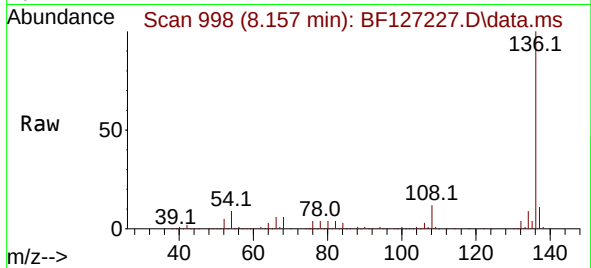




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

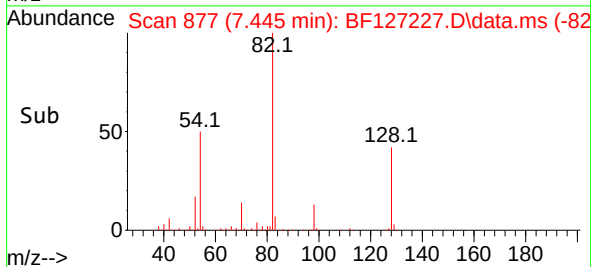
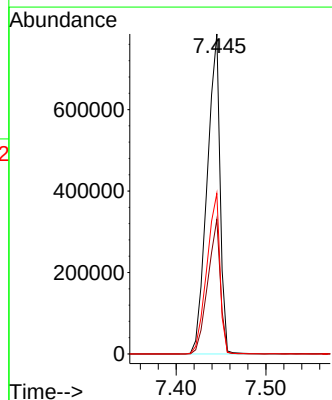
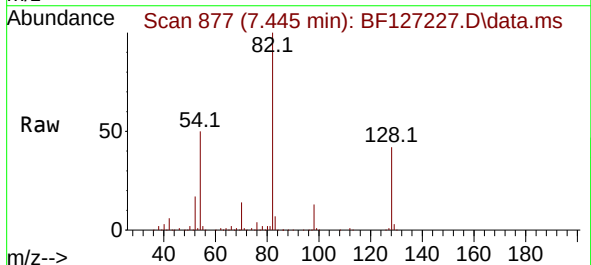
Instrument :
BNA_F
ClientSampleId :
PB143077TB

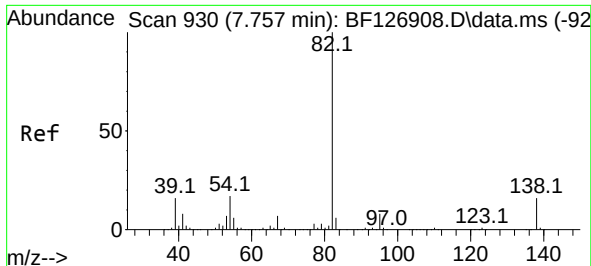
Tgt Ion:136 Resp: 442835
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.360 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

Tgt Ion: 82 Resp: 788401
Ion Ratio Lower Upper
82 100
128 42.0 32.7 49.1
54 50.2 41.7 62.5

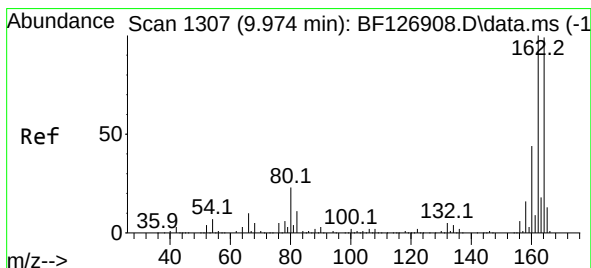
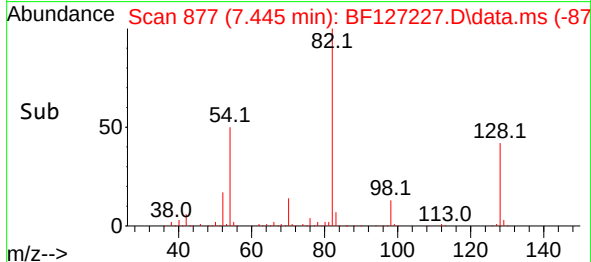
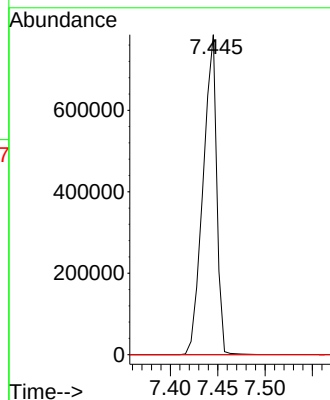
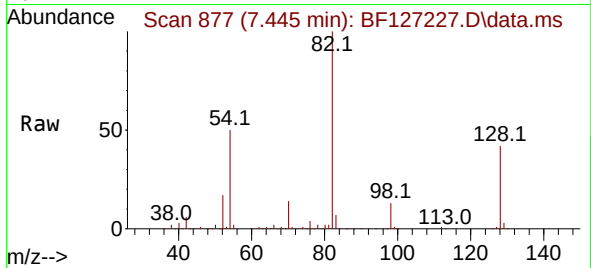




#25
Isophorone
Concen: 48.563 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

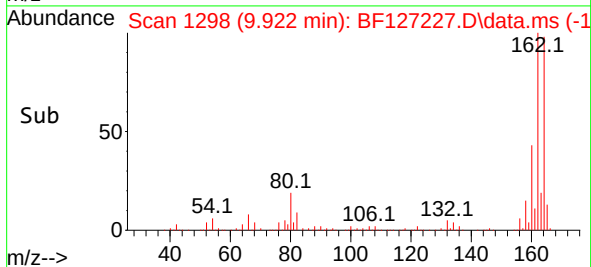
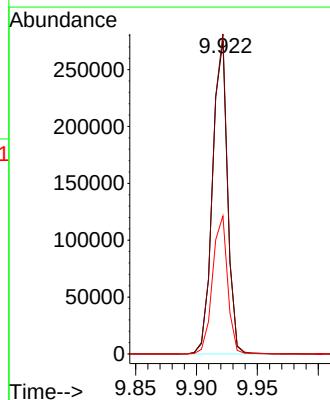
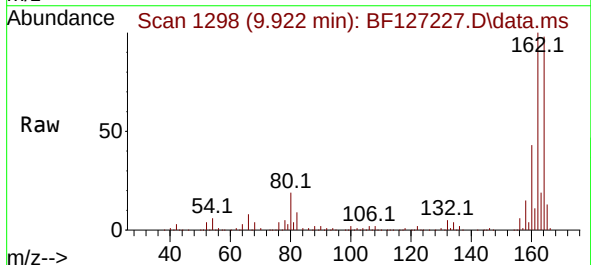
Instrument :
BNA_F
ClientSampleId :
PB143077TB

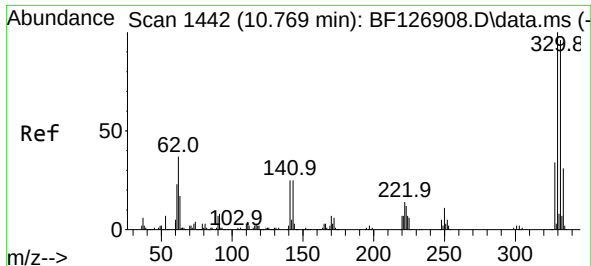
Tgt Ion: 82 Resp: 788394
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

Tgt Ion:164 Resp: 235725
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 44.1 36.6 54.8

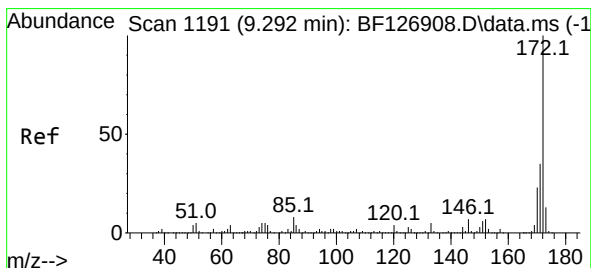
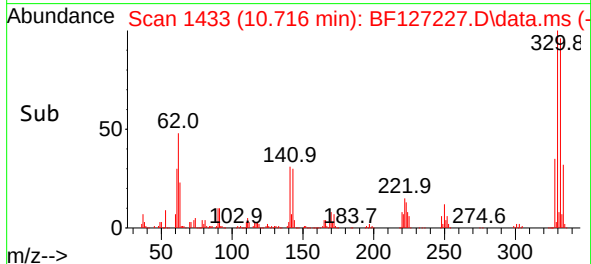
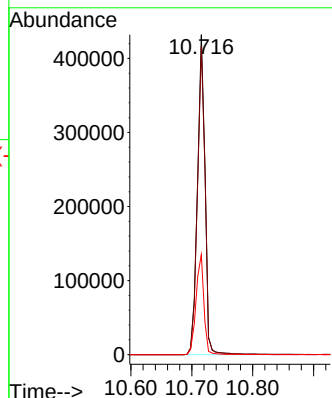
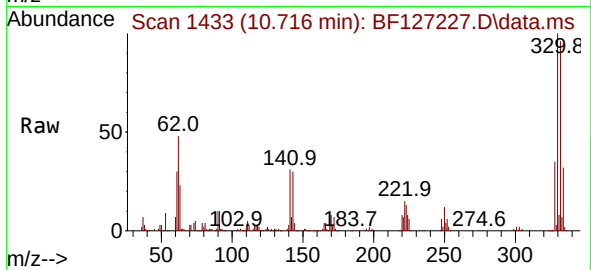




#42
2,4,6-Tribromophenol
Concen: 137.926 ng
RT: 10.716 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

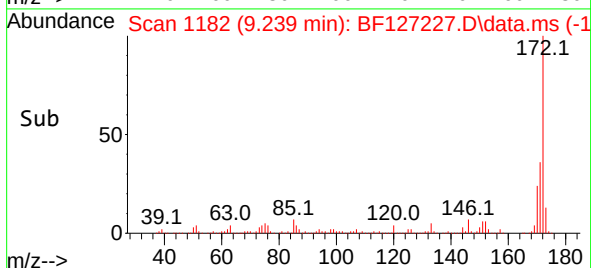
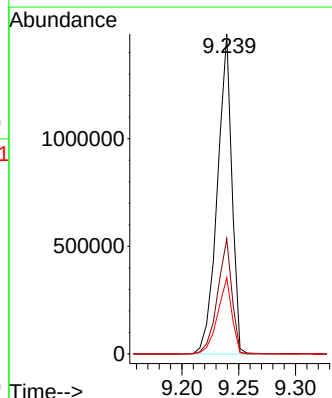
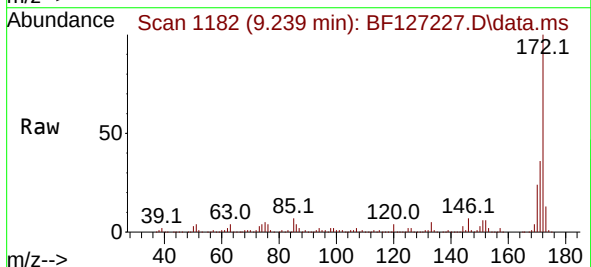
Instrument :
BNA_F
ClientSampleId :
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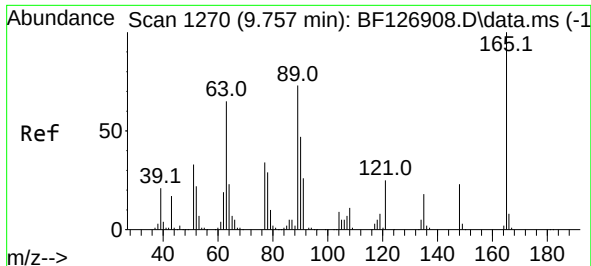
Tgt Ion:330 Resp: 374339
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 32.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 82.765 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

Tgt Ion:172 Resp: 1325257
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.773 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.212 min

Lab File: BF127227.D

Acq: 07 Mar 2022 18:16

Instrument :

BNA_F

ClientSampleId :

PB143077TB

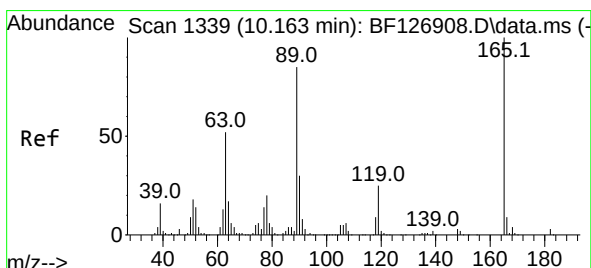
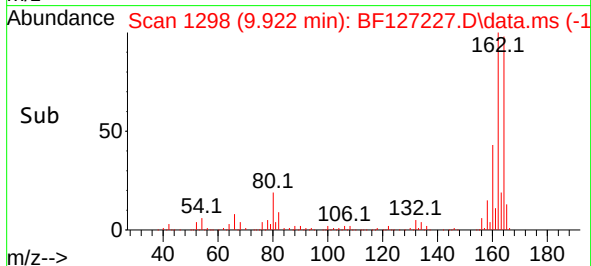
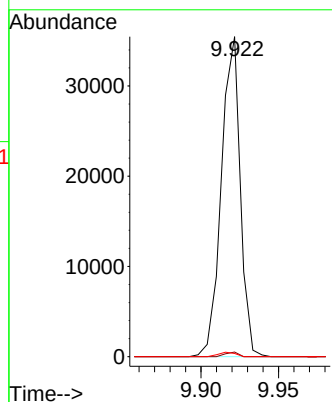
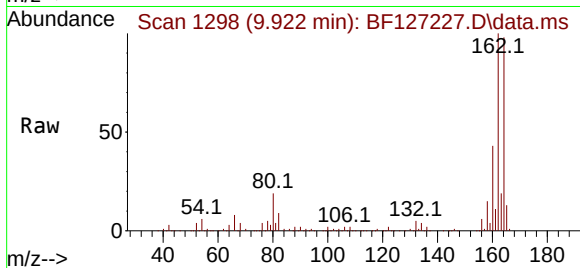
Tgt Ion:165 Resp: 30075

Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.489 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.194 min

Lab File: BF127227.D

Acq: 07 Mar 2022 18:16

Tgt Ion:165 Resp: 30075

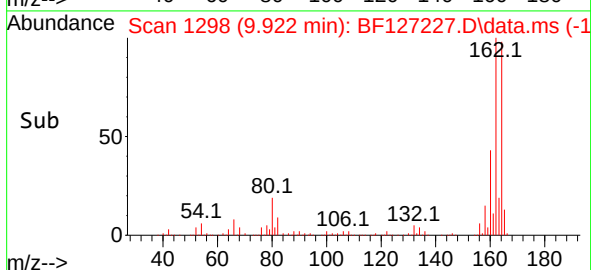
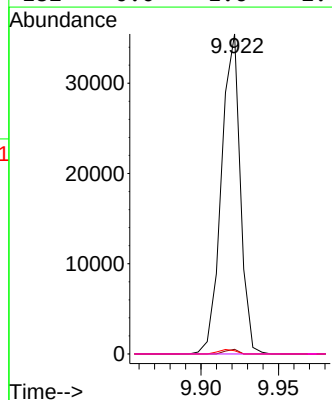
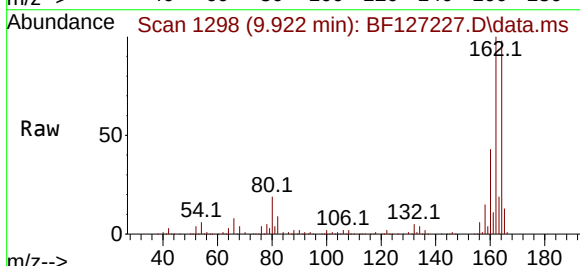
Ion Ratio Lower Upper

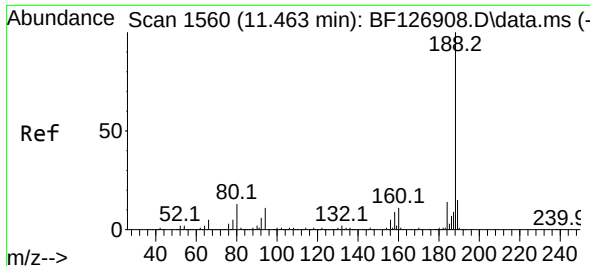
165 100

63 1.5 43.0 64.6#

89 1.0 71.0 106.4#

182 0.0 1.6 2.4#

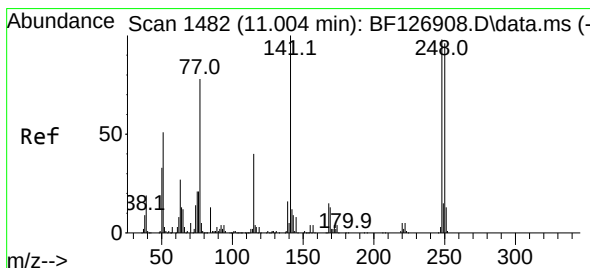
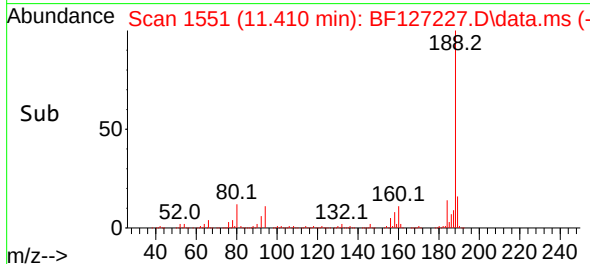
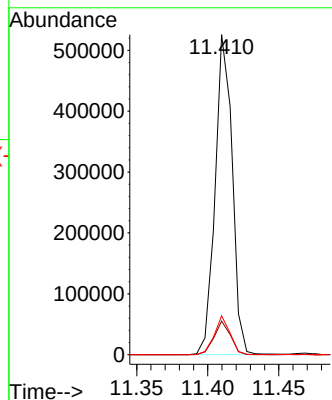
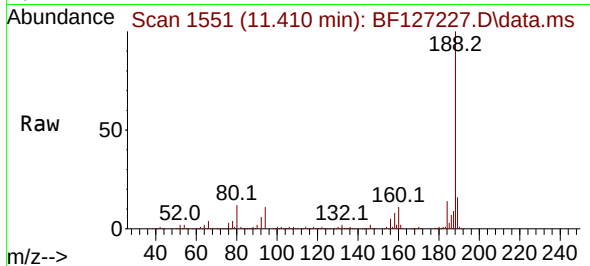




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

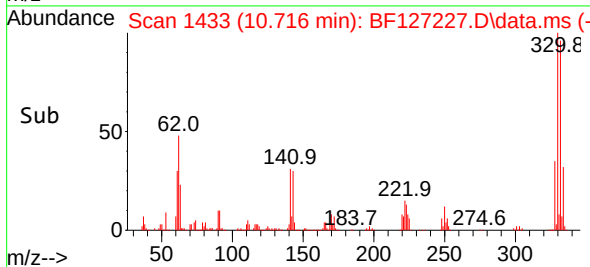
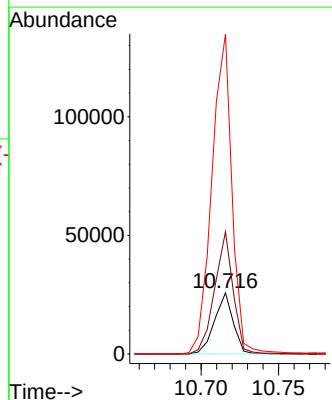
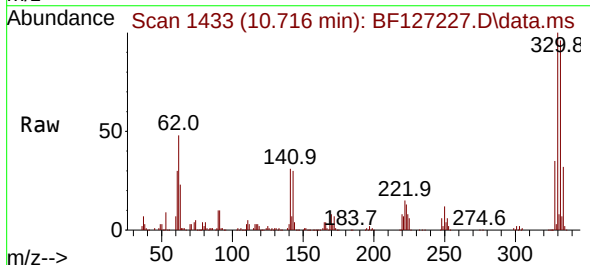
Instrument :
BNA_F
ClientSampleId :
PB143077TB

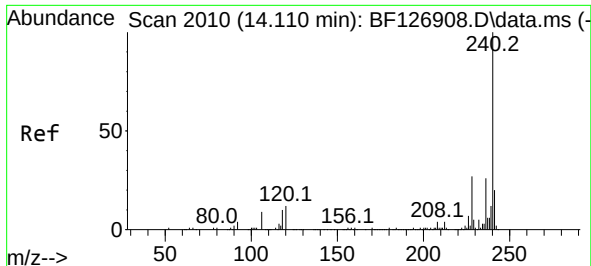
Tgt Ion:188 Resp: 438481
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 12.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.417 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

Tgt Ion:248 Resp: 21639
Ion Ratio Lower Upper
248 100
250 200.1 76.2 114.4#
141 523.6 66.2 99.4#

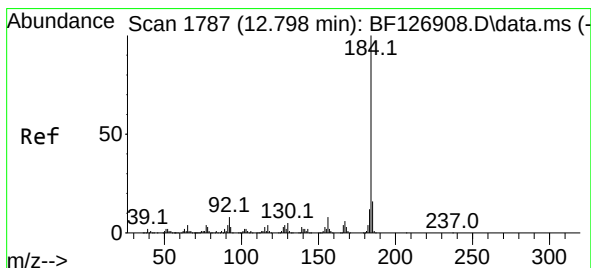
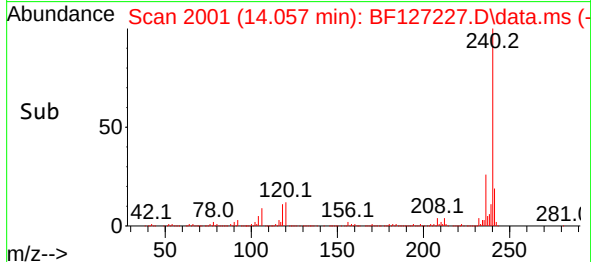
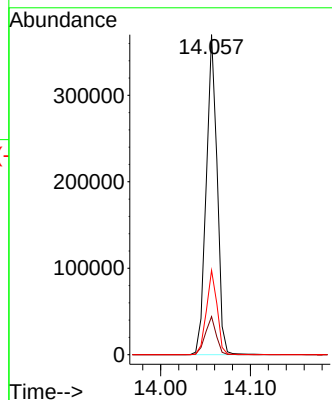
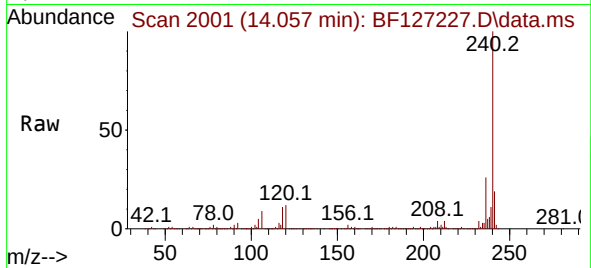




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

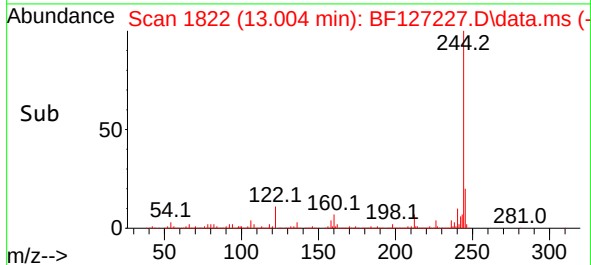
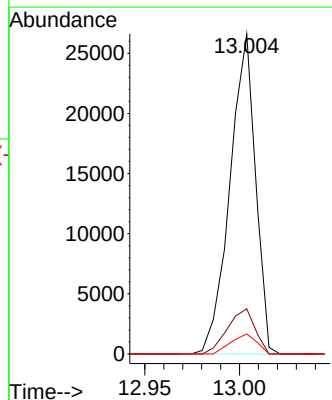
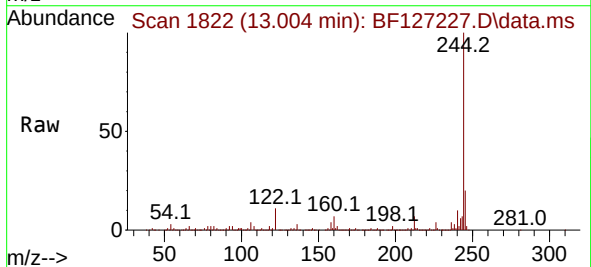
Instrument :
BNA_F
ClientSampleId :
PB143077TB

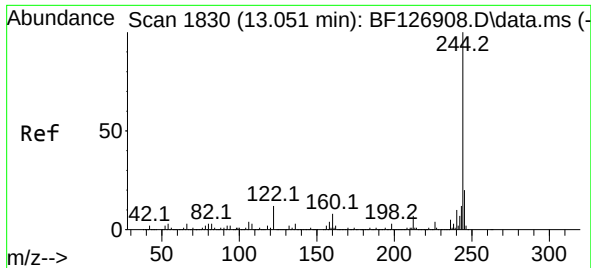
Tgt Ion:240 Resp: 310934
Ion Ratio Lower Upper
240 100
120 11.9 14.4 21.6#
236 26.3 20.5 30.7



#77
Benzidine
Concen: 2.956 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.253 min
Lab File: BF127227.D
Acq: 07 Mar 2022 18:16

Tgt Ion:184 Resp: 24974
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 6.2 8.2 12.2#

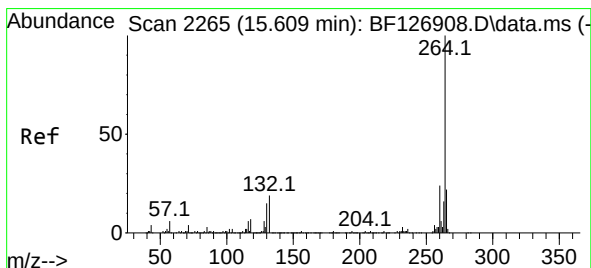
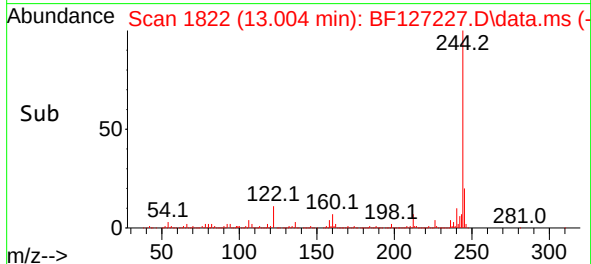
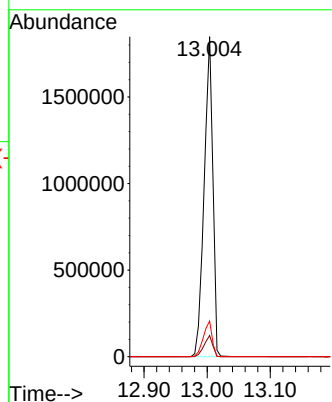
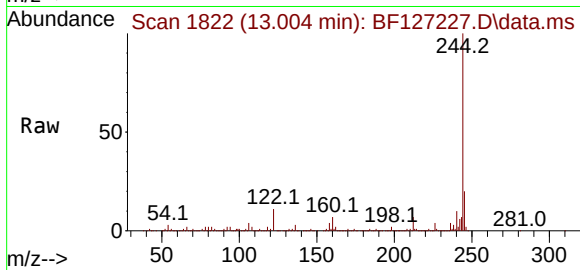




#79
 Terphenyl-d14
 Concen: 83.349 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127227.D
 Acq: 07 Mar 2022 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB143077TB

Tgt Ion:244 Resp: 1762942
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.2 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: BF127227.D
 Acq: 07 Mar 2022 18:16

Tgt Ion:264 Resp: 246038
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.4 26.2

