

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127228.D
 Acq On : 07 Mar 2022 18:47
 Operator : CG\JU
 Sample : N1730-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-18-SAMPLE-LOCATION-9

Quant Time: Mar 08 00:03:30 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)

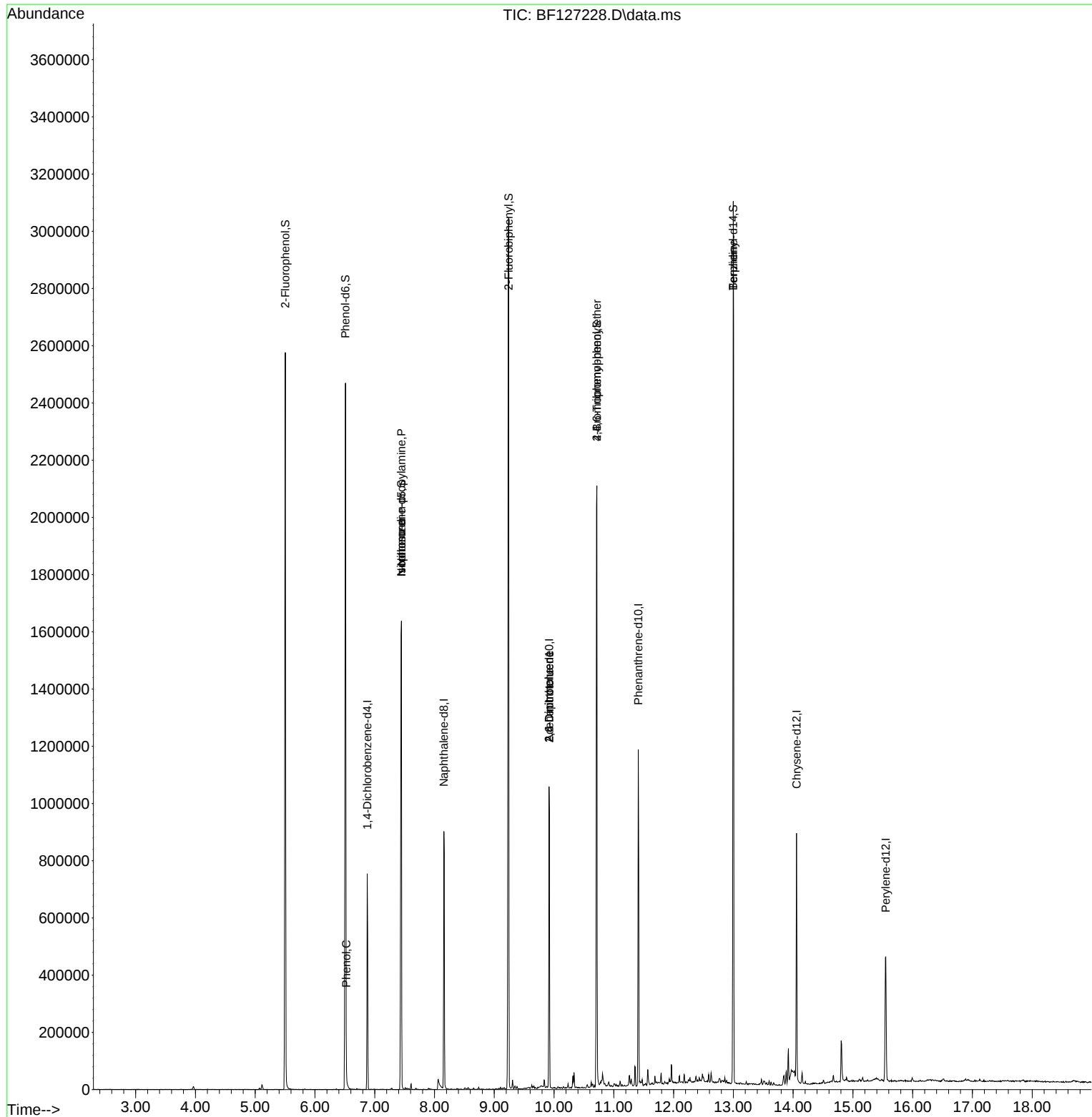
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	96549	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	391902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	207552	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	371193	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	248732	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	190661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	627413	100.437	ng	0.00
7) Phenol-d6	6.510	99	834302	98.978	ng	0.00
23) Nitrobenzene-d5	7.445	82	580230	66.828	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	268158	112.215	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	935731	66.371	ng	0.00
79) Terphenyl-d14	12.998	244	1065015	62.944	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	21620	2.538	ng	76
19) n-Nitroso-di-n-propyla...	7.445	70	77871	14.337	ng	# 77
25) Isophorone	7.445	82	580216	40.385	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	25412	8.419	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	25412	6.227	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	15541	3.747	ng	# 1
77) Benzidine	12.998	184	15689	2.321	ng	# 90

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

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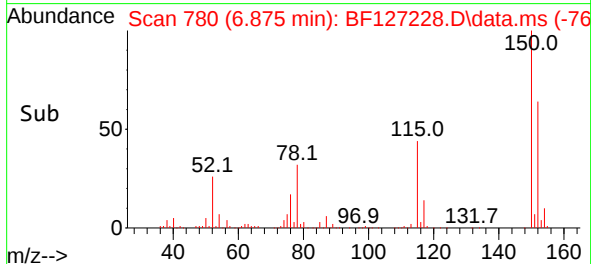
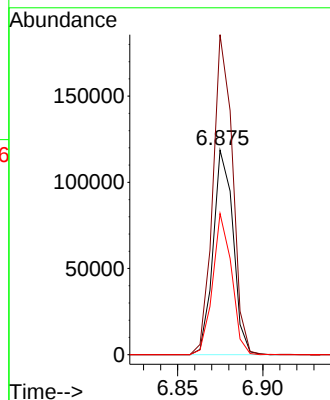
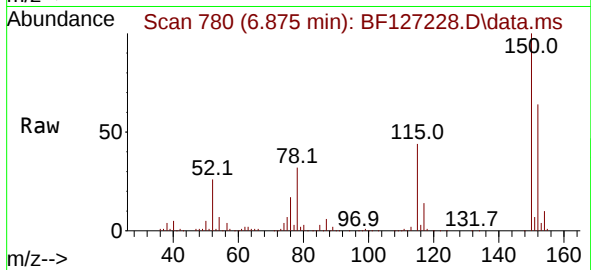




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

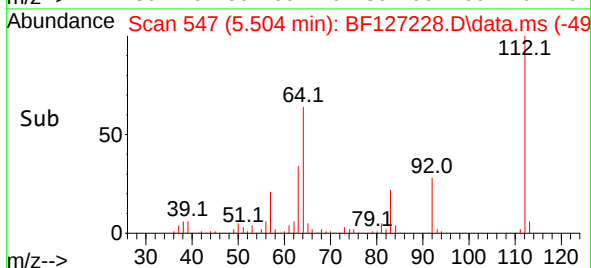
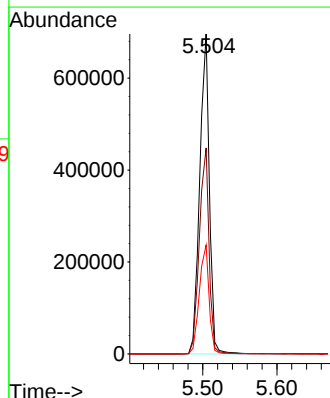
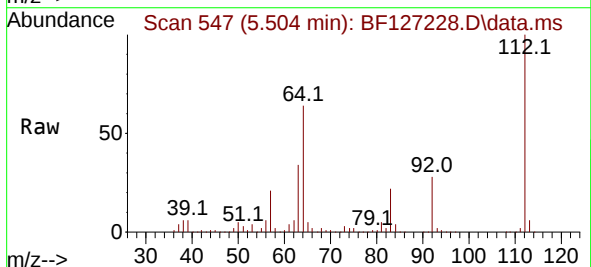
Instrument :
BNA_F
ClientSampleId :
17-18-SAMPLE-LOCATION-9

Tgt Ion:152 Resp: 96549
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 100.437 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

Tgt Ion:112 Resp: 627413
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 34.1 23.9 35.9





#7

Phenol-d6

Concen: 98.978 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

Instrument :

BNA_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9

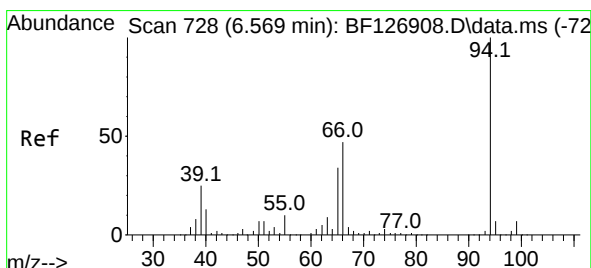
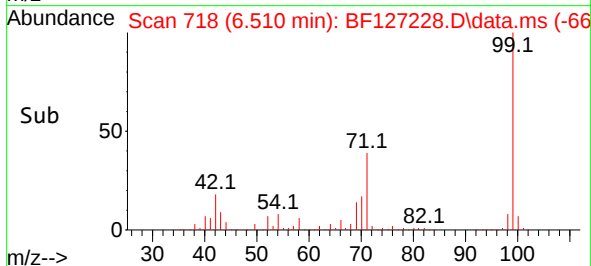
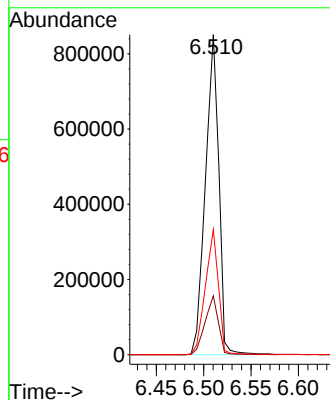
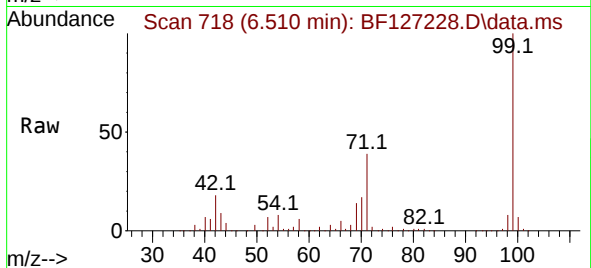
Tgt Ion: 99 Resp: 834302

Ion Ratio Lower Upper

99 100

42 18.4 14.2 21.4

71 39.1 24.3 36.5#



#10

Phenol

Concen: 2.538 ng

RT: 6.522 min Scan# 720

Delta R.T. -0.006 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

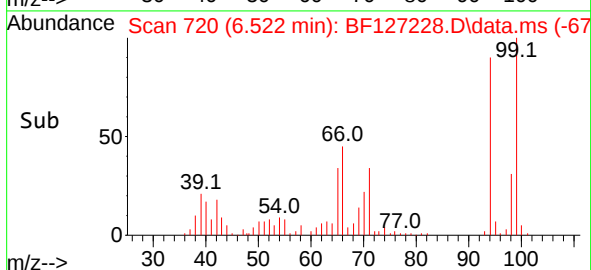
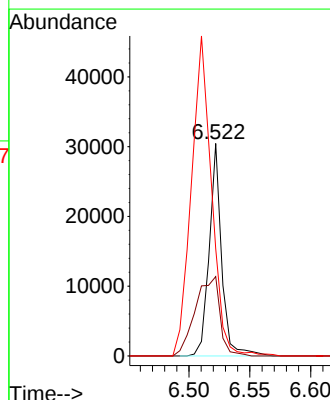
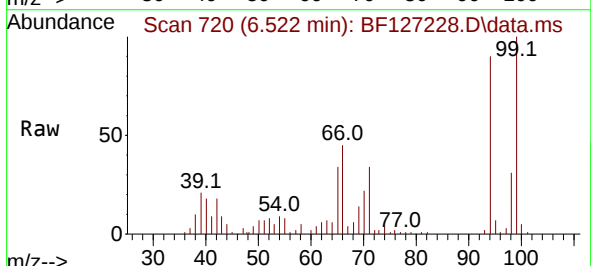
Tgt Ion: 94 Resp: 21620

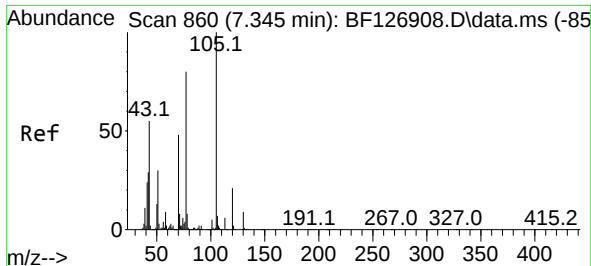
Ion Ratio Lower Upper

94 100

65 37.4 7.2 47.2

66 50.4 14.5 54.5

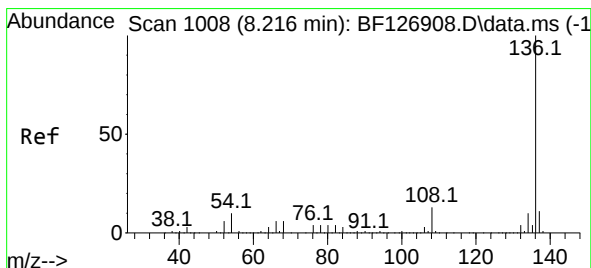
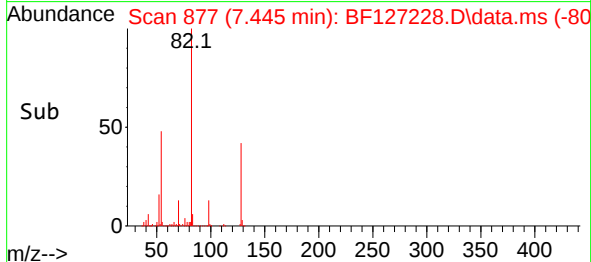
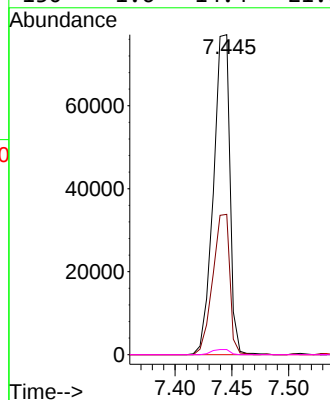
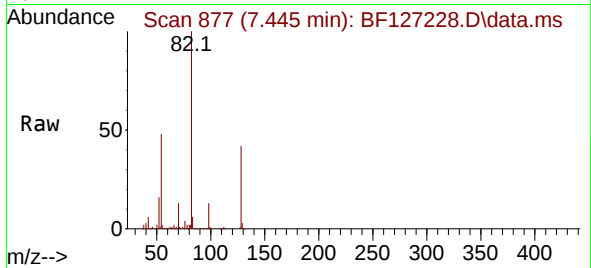




#19
n-Nitroso-di-n-propylamine
Concen: 14.337 ng
RT: 7.445 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

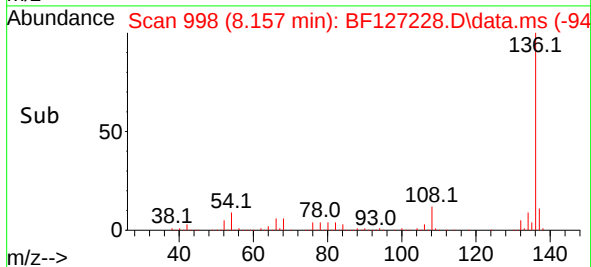
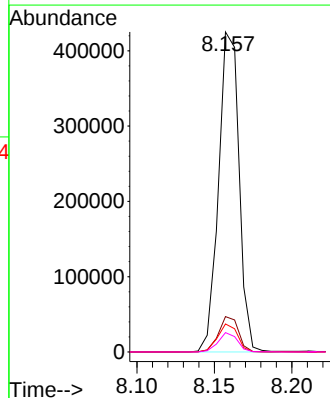
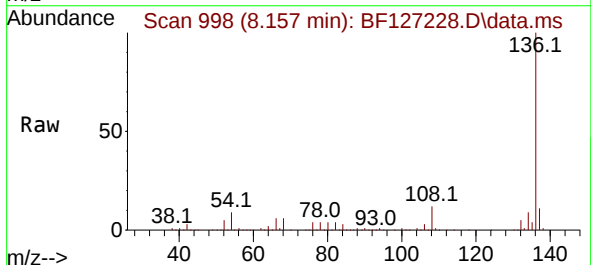
Instrument :
BNA_F
ClientSampleId :
17-18-SAMPLE-LOCATION-9

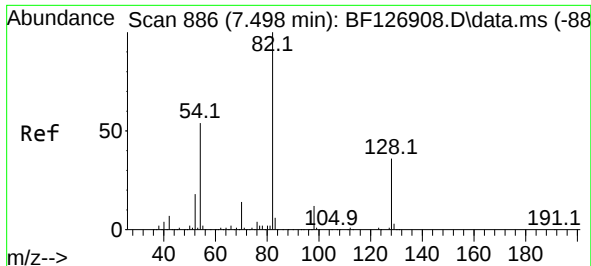
Tgt Ion: 70 Resp: 77871
Ion Ratio Lower Upper
70 100
42 43.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

Tgt Ion: 136 Resp: 391902
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 7.8 11.6
68 6.1 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 66.828 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

Instrument :

BNA_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9

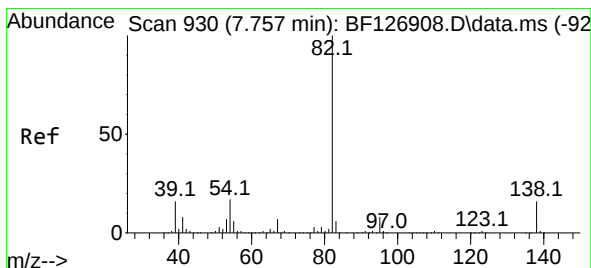
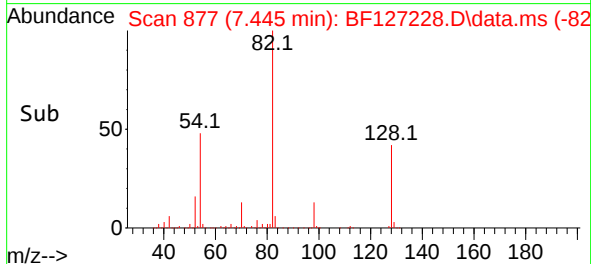
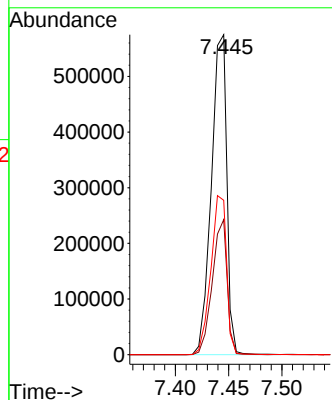
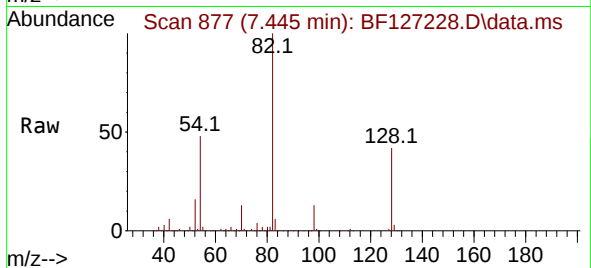
Tgt Ion: 82 Resp: 580230

Ion Ratio Lower Upper

82 100

128 42.2 32.7 49.1

54 48.3 41.7 62.5



#25

Isophorone

Concen: 40.385 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.259 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

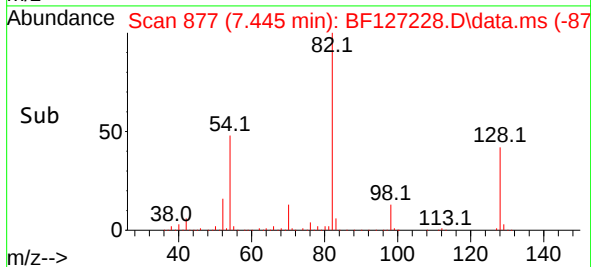
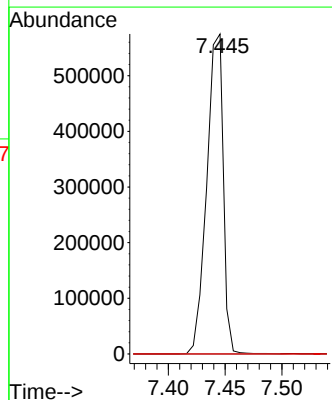
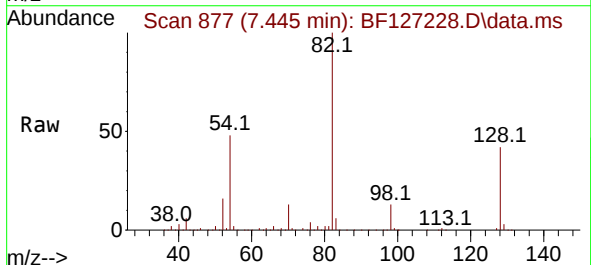
Tgt Ion: 82 Resp: 580216

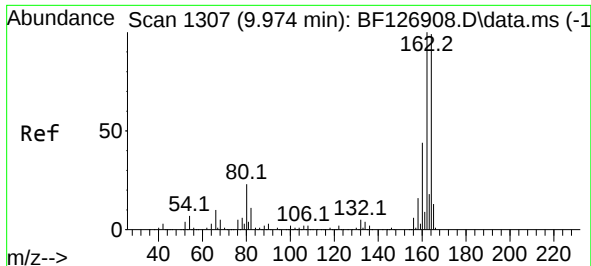
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

Instrument :

BNA_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9

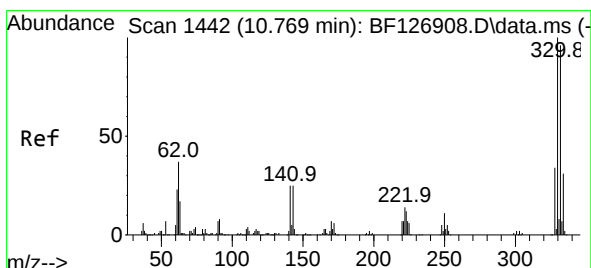
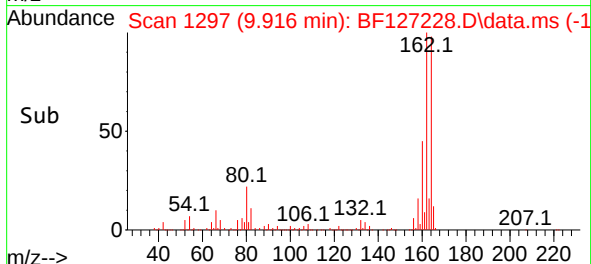
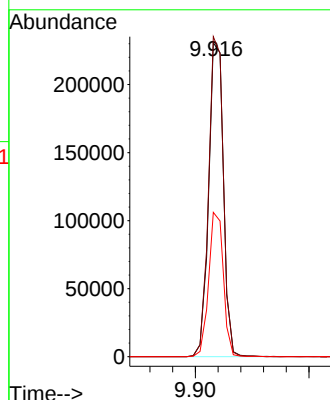
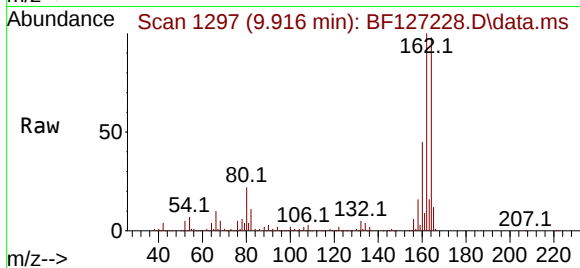
Tgt Ion:164 Resp: 207552

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

160 46.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 112.215 ng

RT: 10.716 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

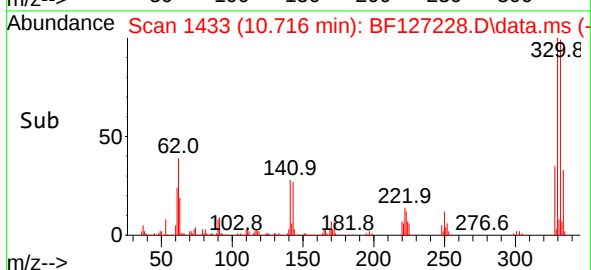
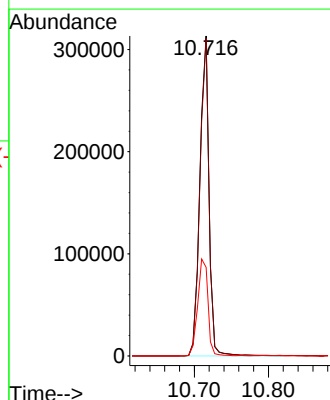
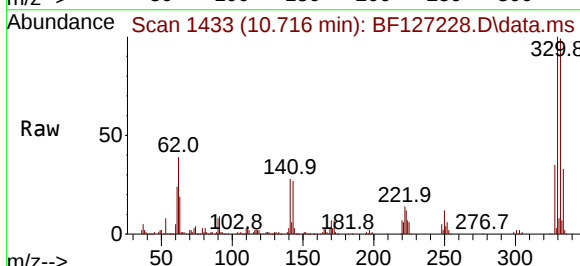
Tgt Ion:330 Resp: 268158

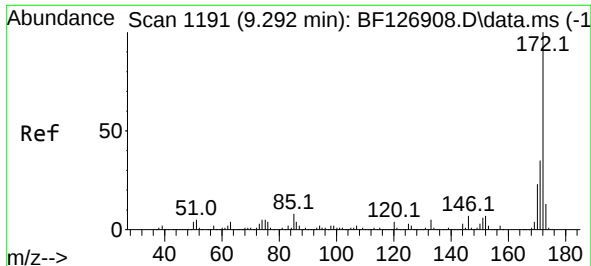
Ion Ratio Lower Upper

330 100

332 98.7 76.0 114.0

141 34.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 66.371 ng

RT: 9.239 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

Instrument :

BNA_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9

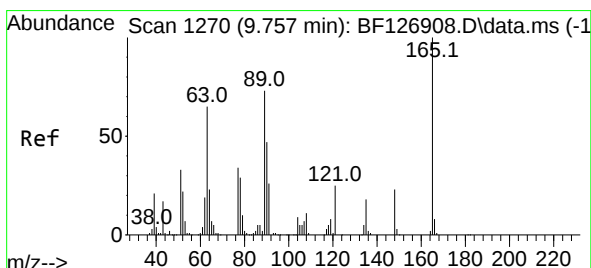
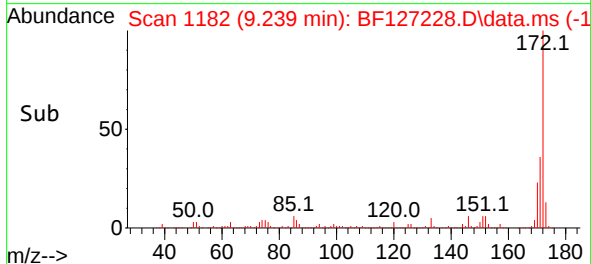
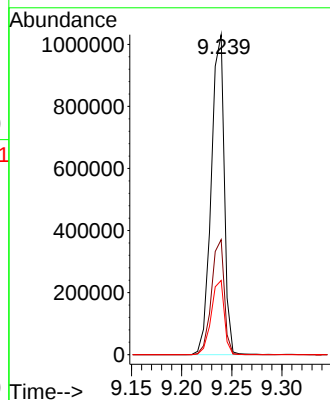
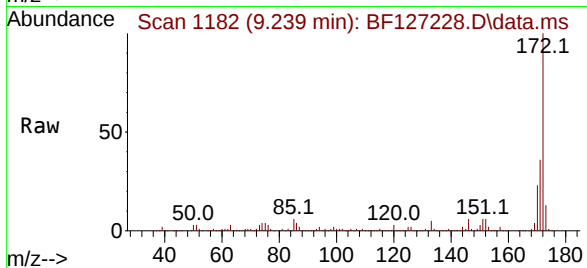
Tgt Ion:172 Resp: 935731

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.419 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.206 min

Lab File: BF127228.D

Acq: 07 Mar 2022 18:47

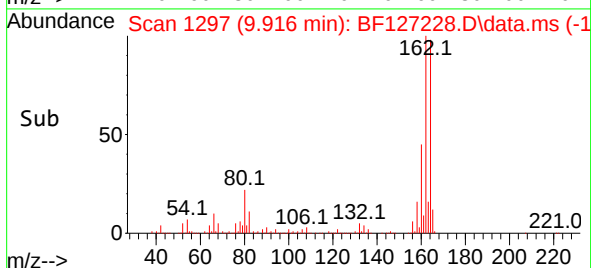
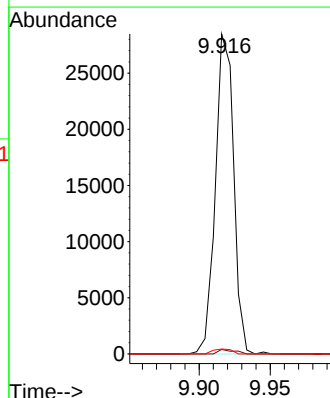
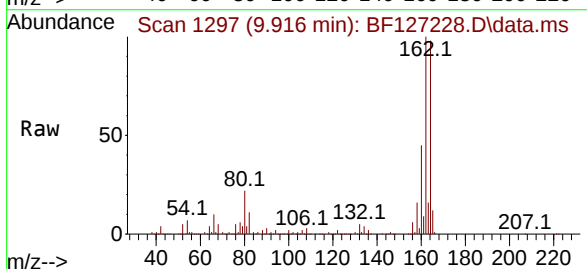
Tgt Ion:165 Resp: 25412

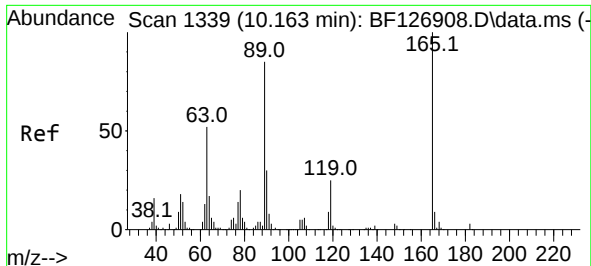
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.5 50.5 75.7#

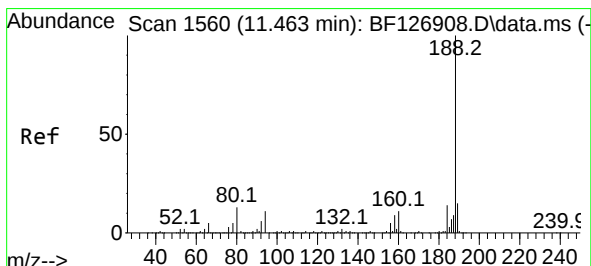
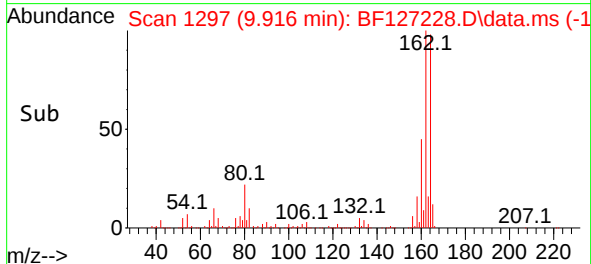
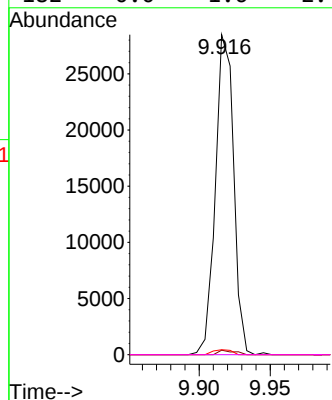
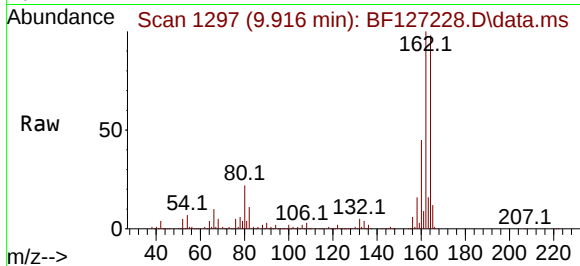




#57
2,4-Dinitrotoluene
Concen: 6.227 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

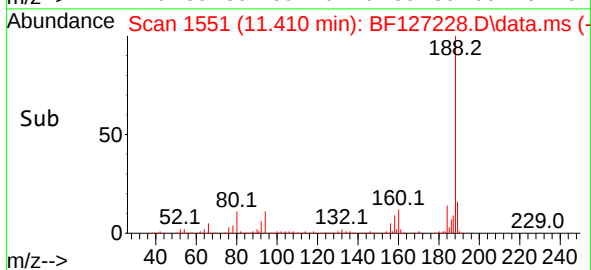
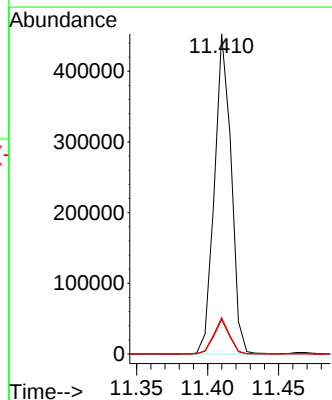
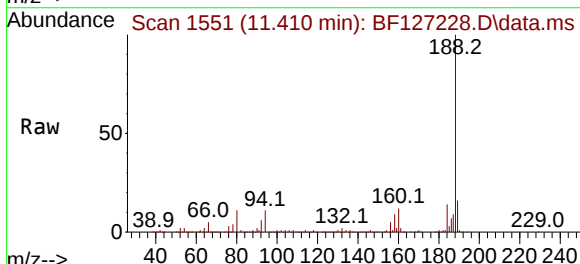
Instrument :
BNA_F
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17-18-SAMPLE-LOCATION-9

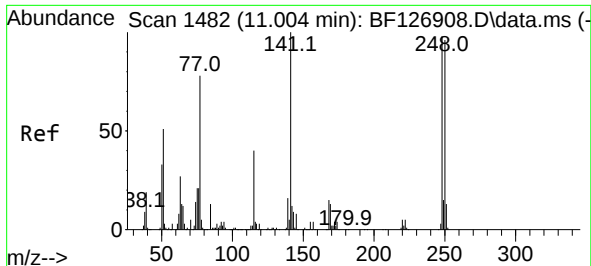
Tgt Ion:165 Resp: 25412
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

Tgt Ion:188 Resp: 371193
Ion Ratio Lower Upper
188 100
94 10.8 10.1 15.1
80 11.4 11.8 17.6#

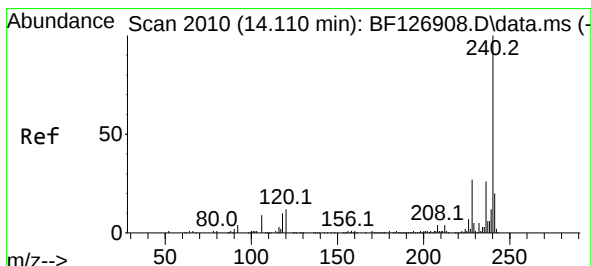
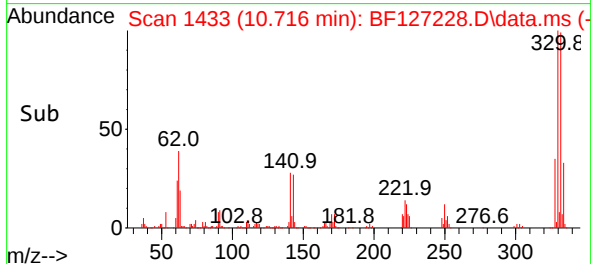
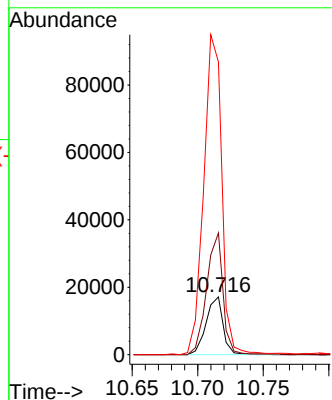
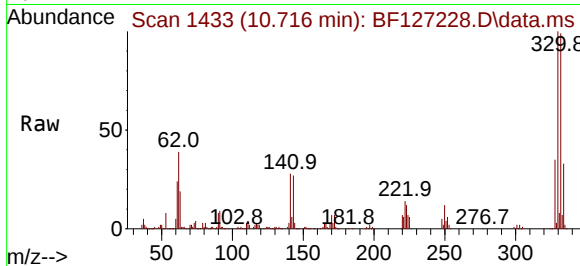




#67
4-Bromophenyl-phenylether
Concen: 3.747 ng
RT: 10.716 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

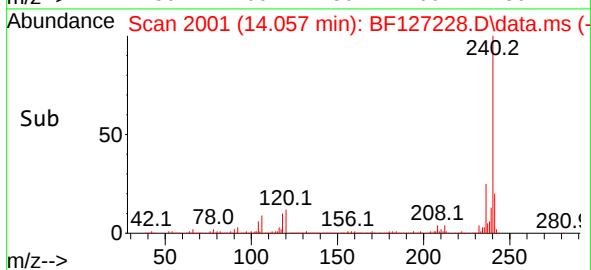
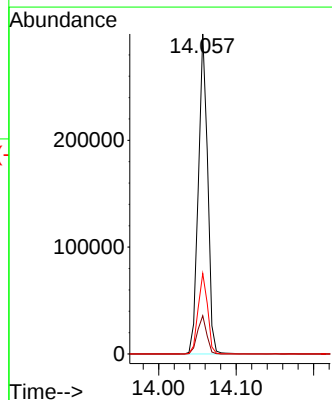
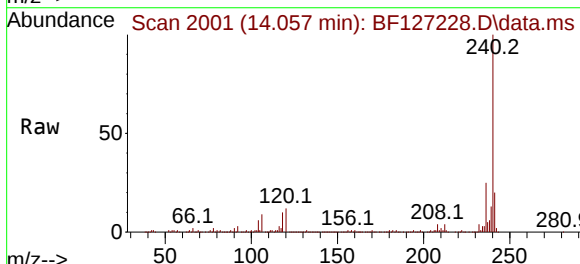
Instrument :
BNA_F
ClientSampleId :
17-18-SAMPLE-LOCATION-9

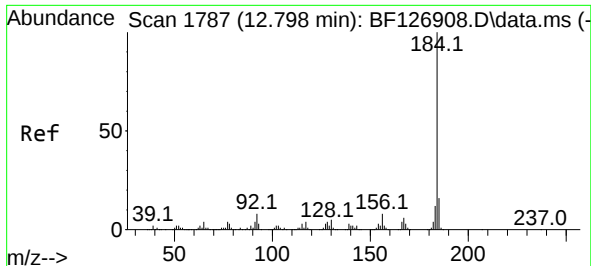
Tgt Ion:248 Resp: 15541
Ion Ratio Lower Upper
248 100
250 210.6 76.2 114.4#
141 506.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

Tgt Ion:240 Resp: 248732
Ion Ratio Lower Upper
240 100
120 12.0 14.4 21.6#
236 25.1 20.5 30.7

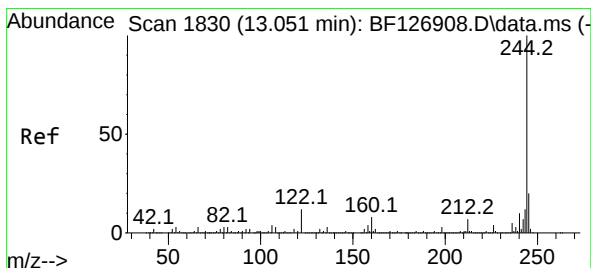
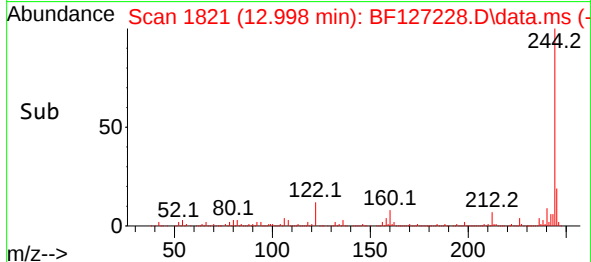
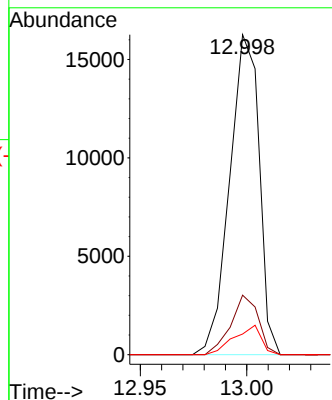
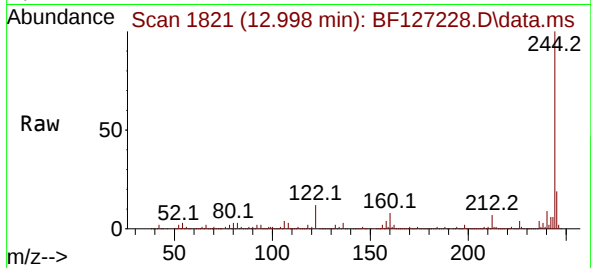




#77
Benzidine
Concen: 2.321 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

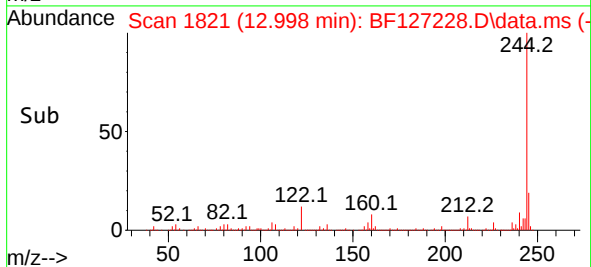
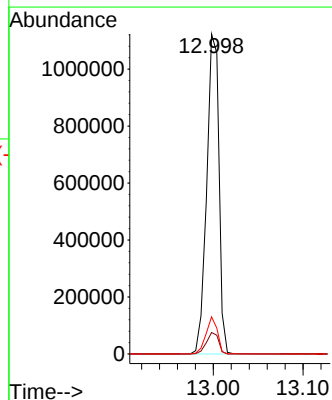
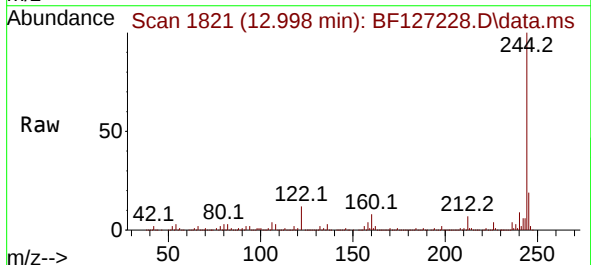
Instrument :
BNA_F
ClientSampleId :
17-18-SAMPLE-LOCATION-9

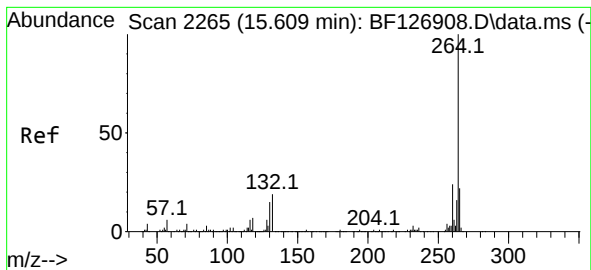
Tgt Ion:184 Resp: 15689
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.8#
183 6.4 8.2 12.2#



#79
Terphenyl-d14
Concen: 62.944 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

Tgt Ion:244 Resp: 1065015
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 11.6 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127228.D
Acq: 07 Mar 2022 18:47

Instrument :
BNA_F
ClientSampleId :
17-18-SAMPLE-LOCATION-9

Tgt Ion:264 Resp: 190661

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.4	26.2

