

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127496.D
 Acq On : 24 Mar 2022 11:49
 Operator : CG\JU
 Sample : PB143528TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143528TB

Quant Time: Mar 24 15:20:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

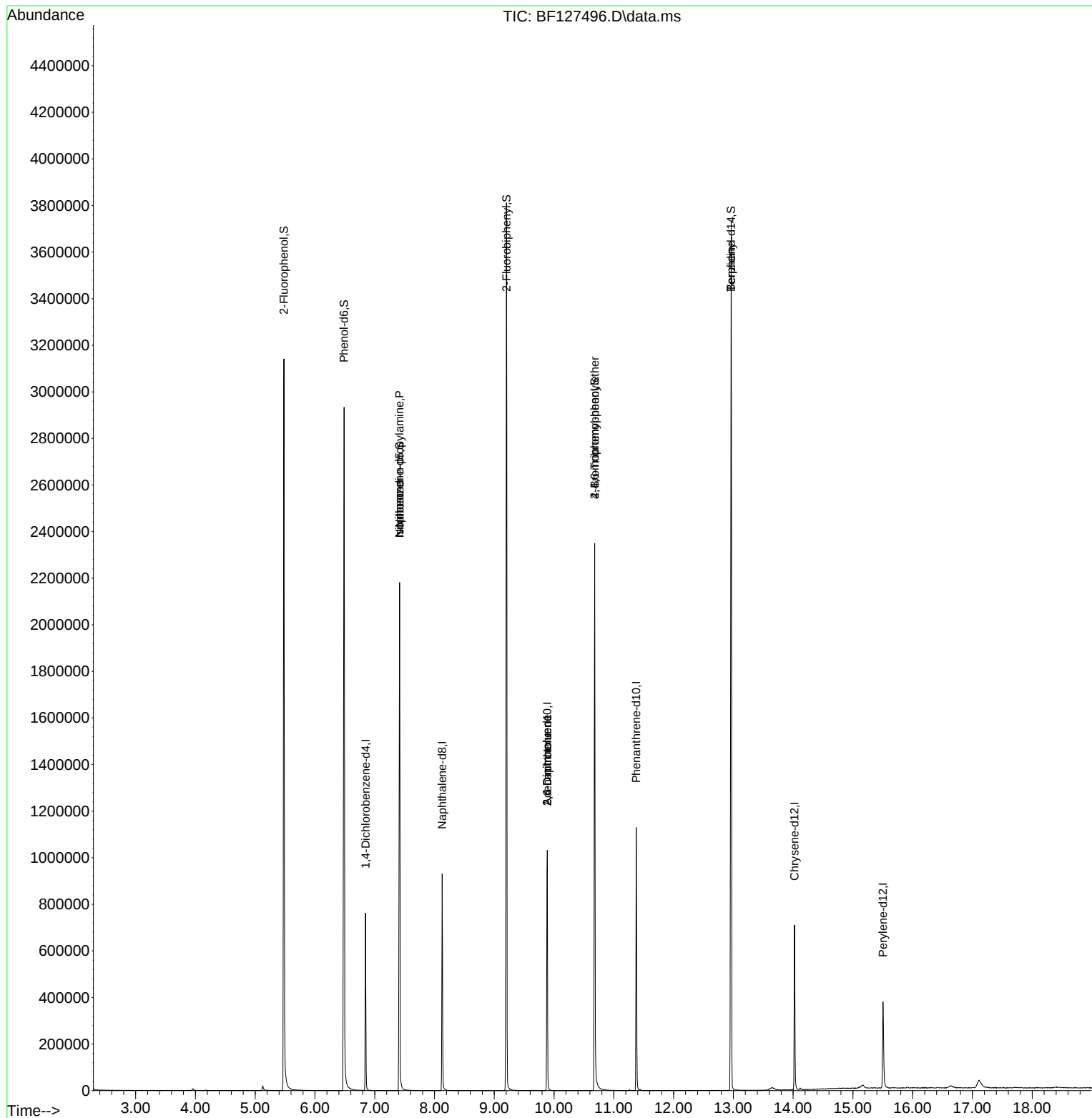
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	99692	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	371442	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	217438	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	389865	20.000	ng	0.00
76) Chrysene-d12	14.021	240	243857	20.000	ng	0.00
86) Perylene-d12	15.504	264	187279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	778344	124.625	ng	0.01
7) Phenol-d6	6.487	99	1069615	125.290	ng	0.00
23) Nitrobenzene-d5	7.416	82	740924	85.266	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	286522	123.700	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1261860	84.742	ng	0.00
79) Terphenyl-d14	12.963	244	1397101	93.788	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1651	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	101887	19.910	ng	# 80
25) Isophorone	7.416	82	740916	53.534	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	27954	8.804	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	27954	6.840	ng	# 14
58) Fluorene	10.681	166	9971	Below Cal	#	75
67) 4-Bromophenyl-phenylether	10.681	248	17930	3.939	ng	# 1
77) Benzidine	12.963	184	17343	2.983	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127496.D
Acq On : 24 Mar 2022 11:49
Operator : CG\JU
Sample : PB143528TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB143528TB

Quant Time: Mar 24 15:20:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

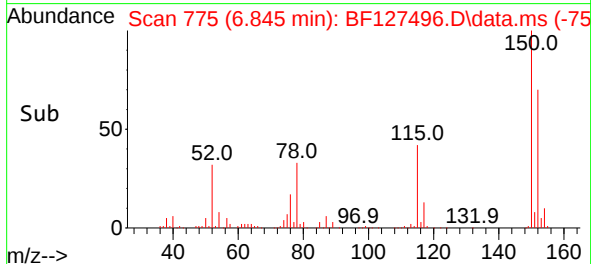
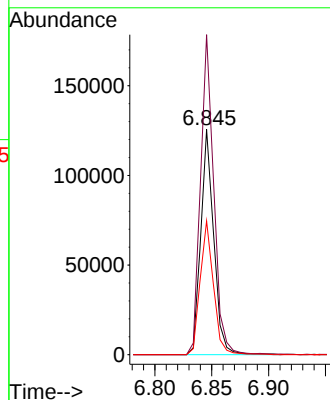
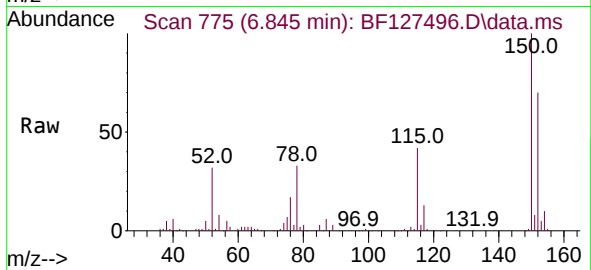




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

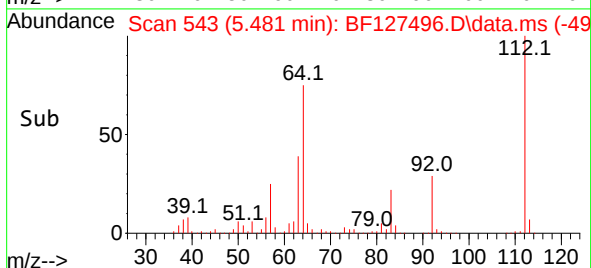
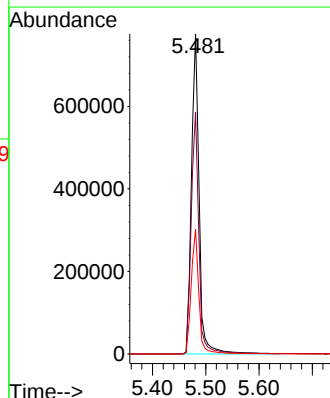
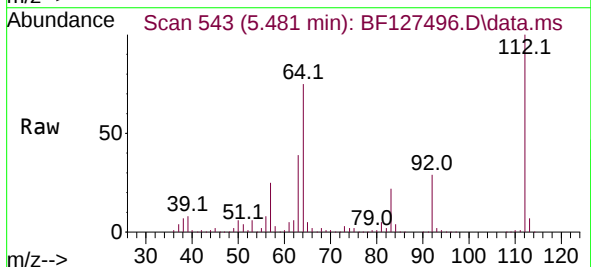
Instrument :
BNA_F
ClientSampleId :
PB143528TB

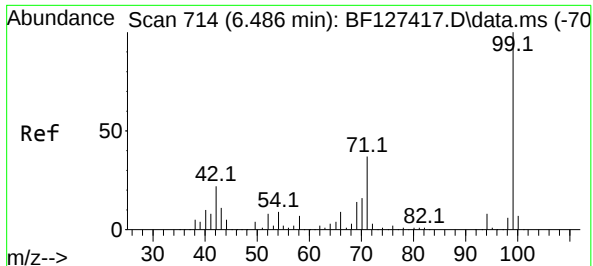
Tgt Ion:152 Resp: 99692
Ion Ratio Lower Upper
152 100
150 142.1 117.2 175.8
115 59.4 49.8 74.6



#5
2-Fluorophenol
Concen: 124.625 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

Tgt Ion:112 Resp: 778344
Ion Ratio Lower Upper
112 100
64 75.5 58.4 87.6
63 39.0 30.1 45.1

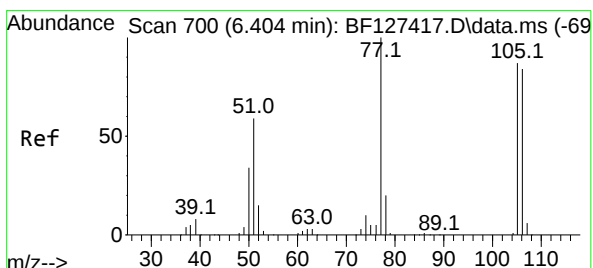
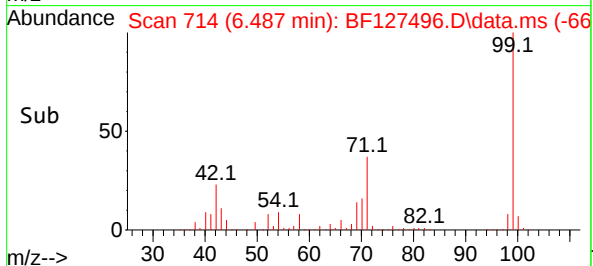
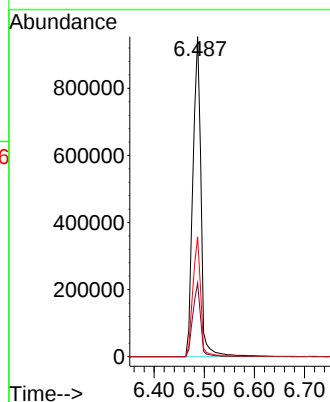
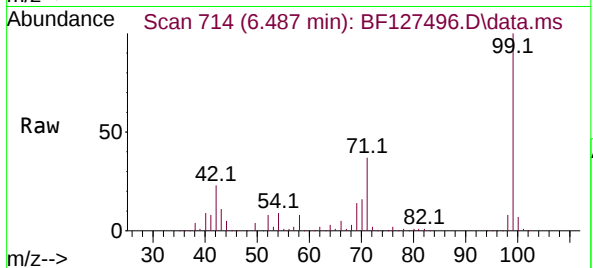




#7
Phenol-d6
Concen: 125.290 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

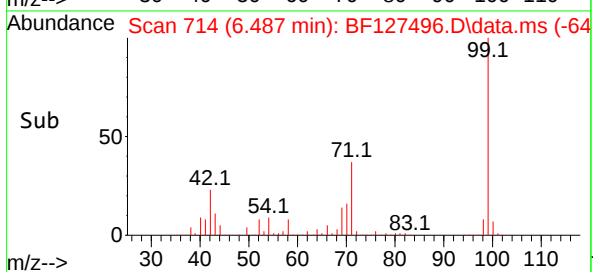
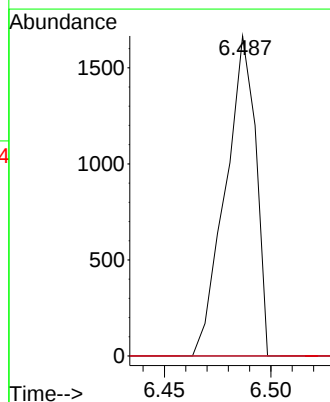
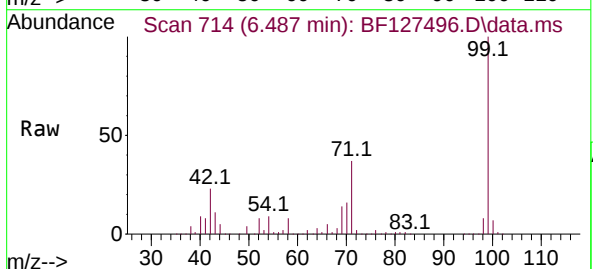
Instrument :
BNA_F
ClientSampleId :
PB143528TB

Tgt Ion: 99 Resp: 1069615
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 37.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

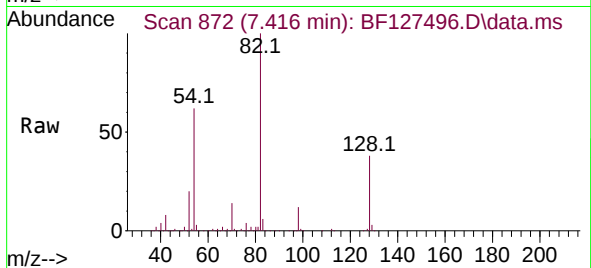
Tgt Ion: 77 Resp: 1651
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



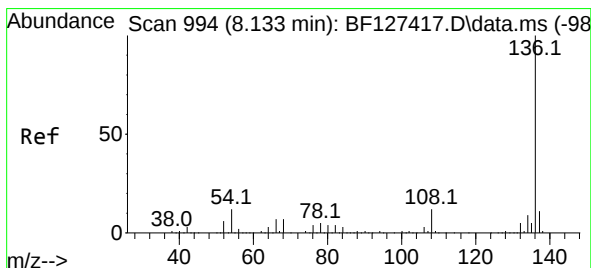
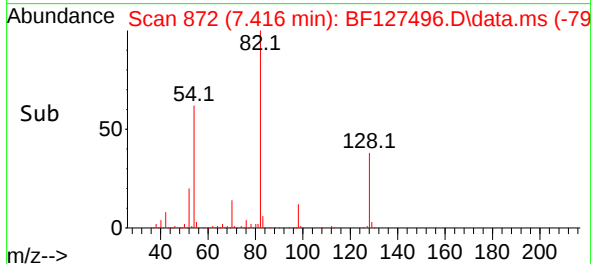
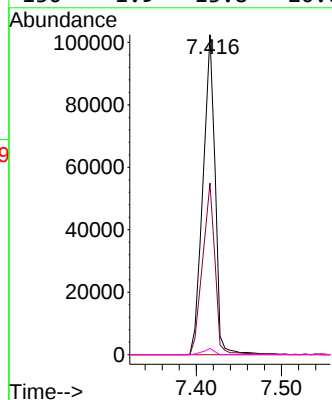


#19
n-Nitroso-di-n-propylamine
Concen: 19.910 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

Instrument :
BNA_F
ClientSampleId :
PB143528TB

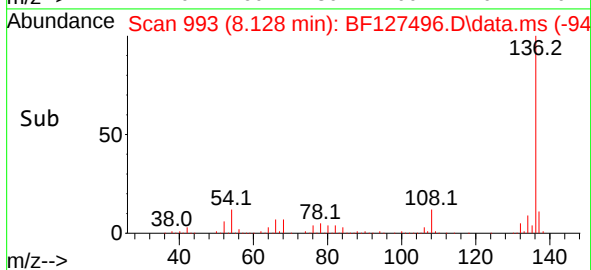
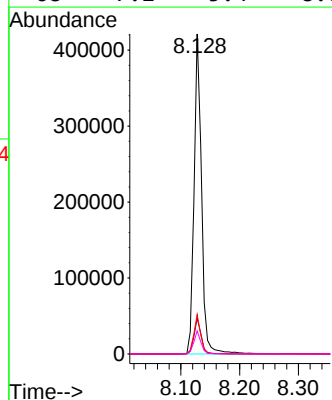
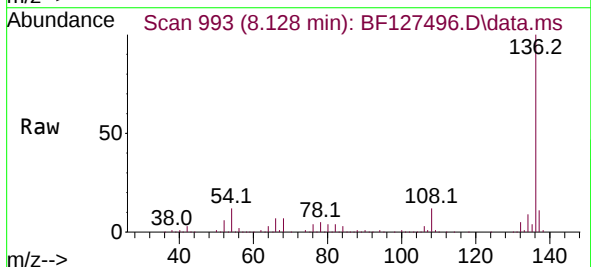


Tgt Ion: 70 Resp: 101887
Ion Ratio Lower Upper
70 100
42 53.6 53.0 79.6
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

Tgt Ion: 136 Resp: 371442
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.4 9.2 13.8
68 7.2 5.4 8.0

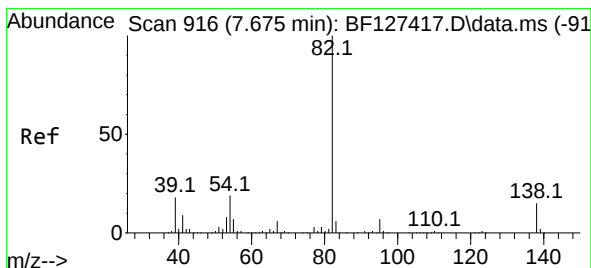
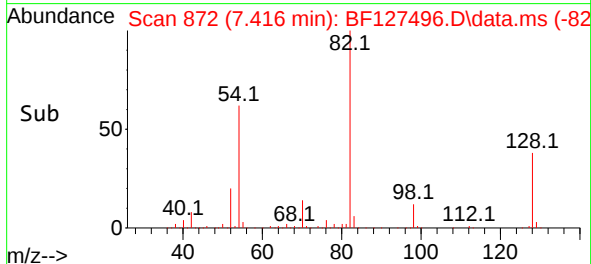
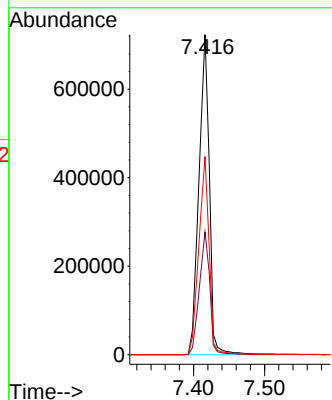
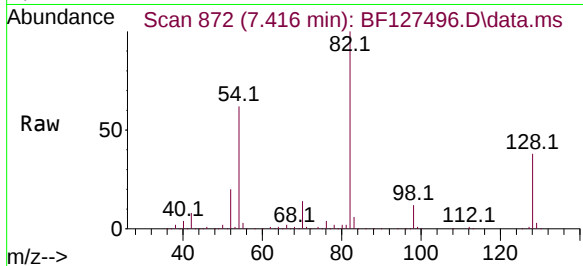




#23
Nitrobenzene-d5
Concen: 85.266 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

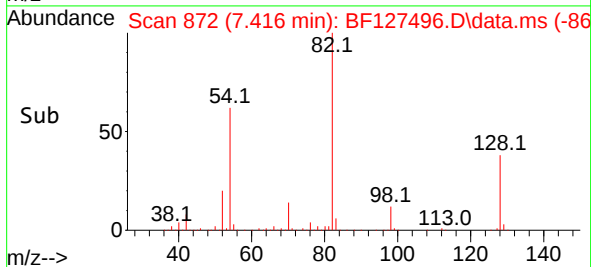
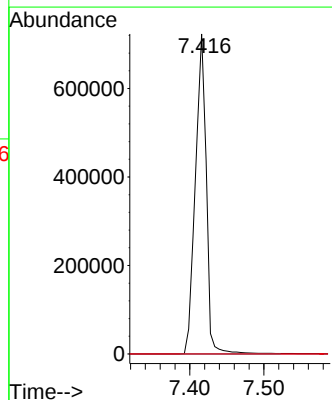
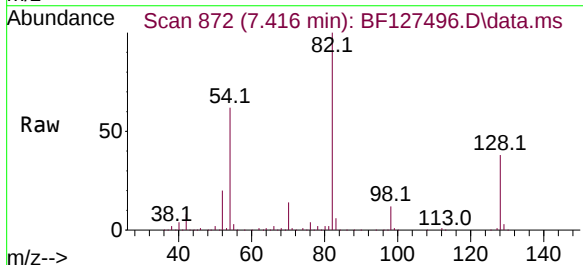
Instrument :
BNA_F
ClientSampleId :
PB143528TB

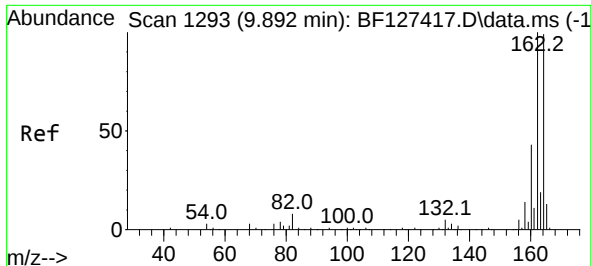
Tgt Ion: 82 Resp: 740924
Ion Ratio Lower Upper
82 100
128 38.3 30.6 45.8
54 61.9 48.2 72.2



#25
Isophorone
Concen: 53.534 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

Tgt Ion: 82 Resp: 740916
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127496.D

Acq: 24 Mar 2022 11:49

Instrument :

BNA_F

ClientSampleId :

PB143528TB

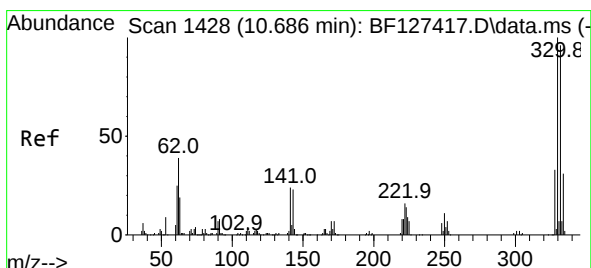
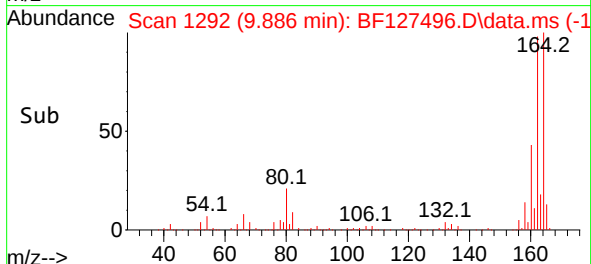
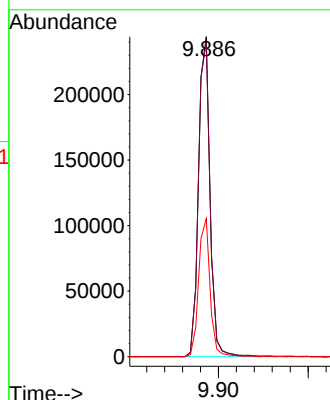
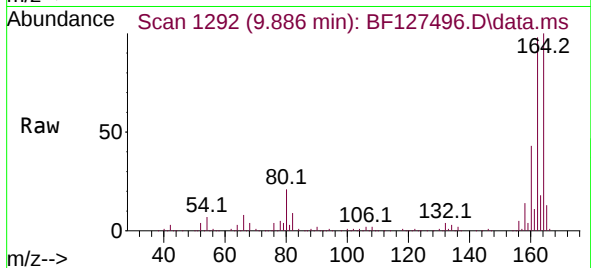
Tgt Ion:164 Resp: 217438

Ion Ratio Lower Upper

164 100

162 98.2 81.2 121.8

160 43.2 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 123.700 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127496.D

Acq: 24 Mar 2022 11:49

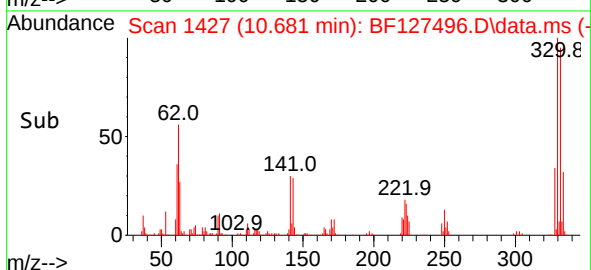
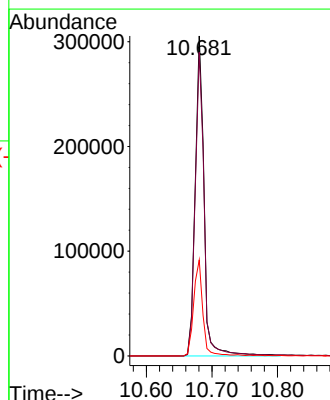
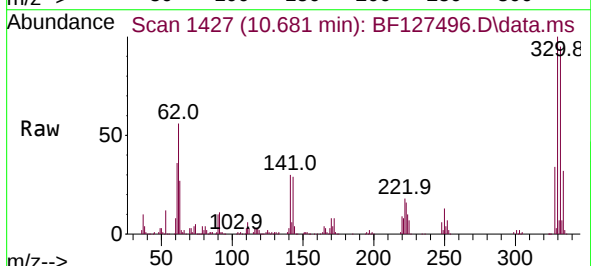
Tgt Ion:330 Resp: 286522

Ion Ratio Lower Upper

330 100

332 95.8 79.1 118.7

141 31.0 26.2 39.4

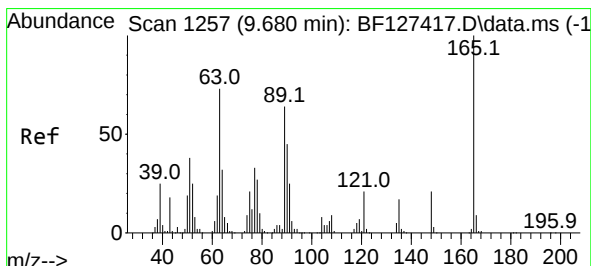
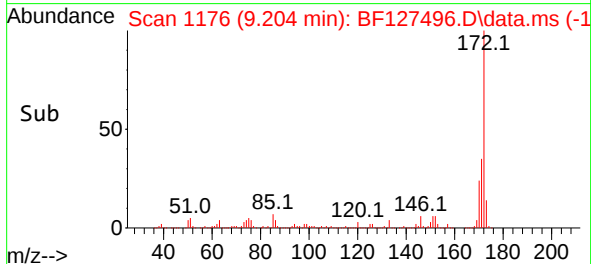
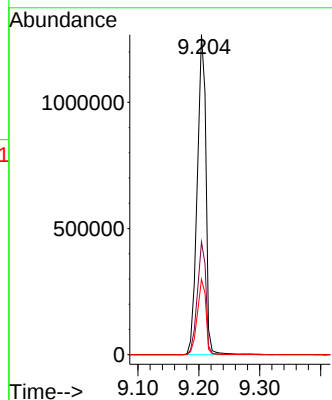
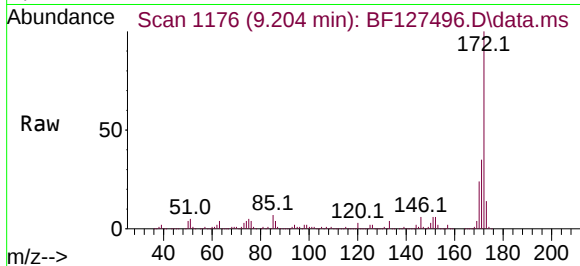




#45
2-Fluorobiphenyl
Concen: 84.742 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

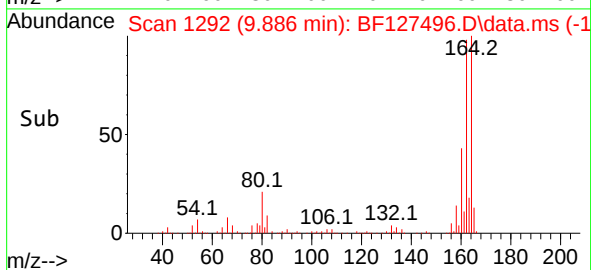
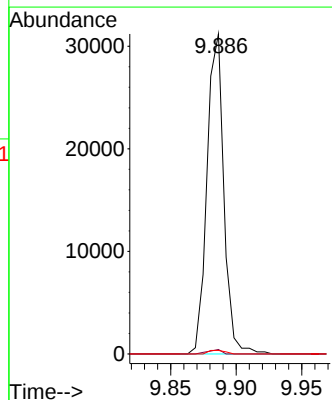
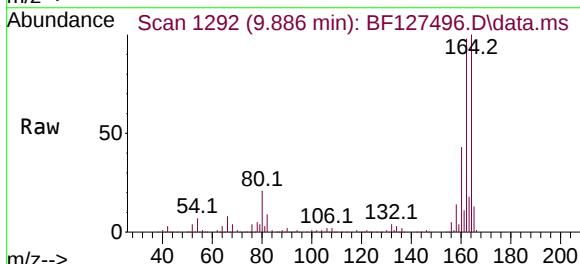
Instrument :
BNA_F
ClientSampleId :
PB143528TB

Tgt Ion:172 Resp: 1261860
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

Tgt Ion:165 Resp: 27954
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 1.1 51.5 77.3#

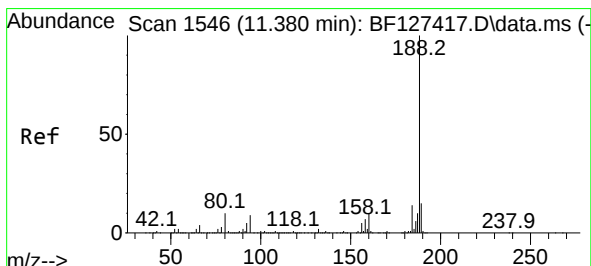
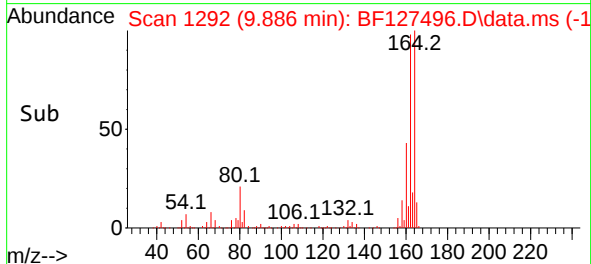
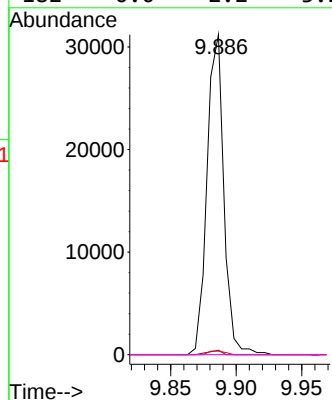
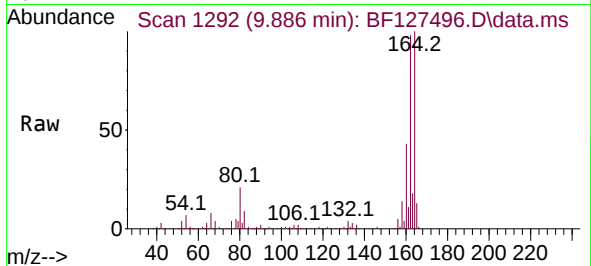




#57
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

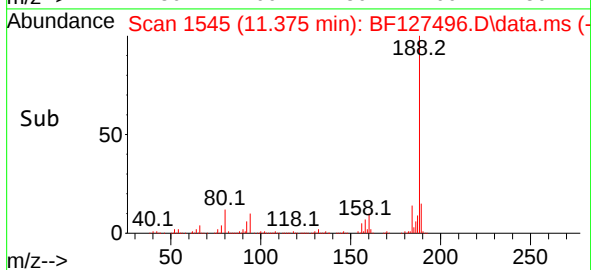
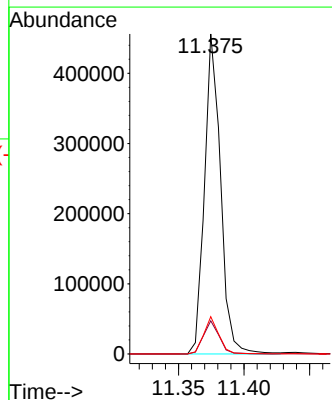
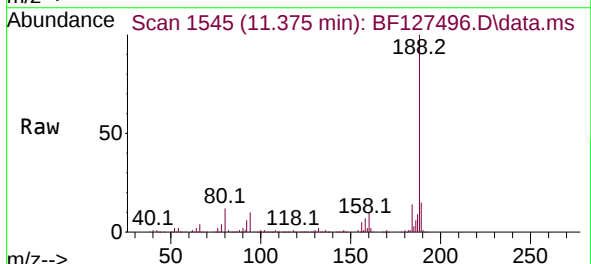
Instrument :
BNA_F
ClientSampleId :
PB143528TB

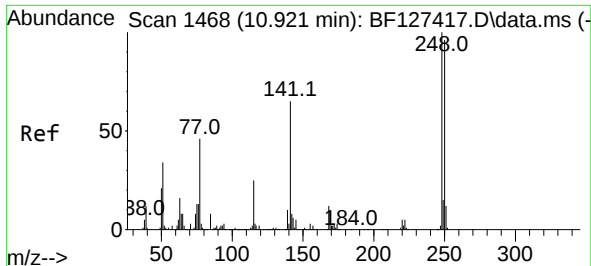
Tgt Ion:165 Resp: 27954
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

Tgt Ion:188 Resp: 389865
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.7 8.0 12.0

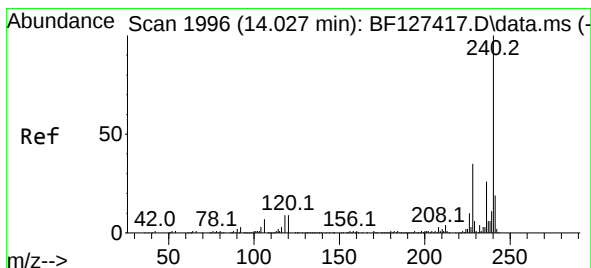
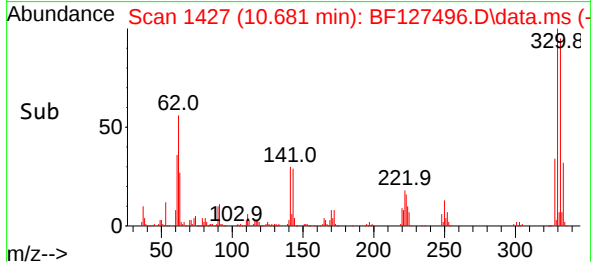
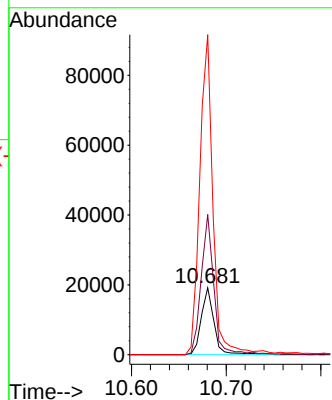
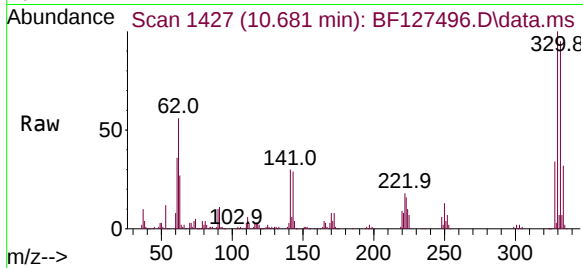




#67
4-Bromophenyl-phenylether
Concen: 3.939 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

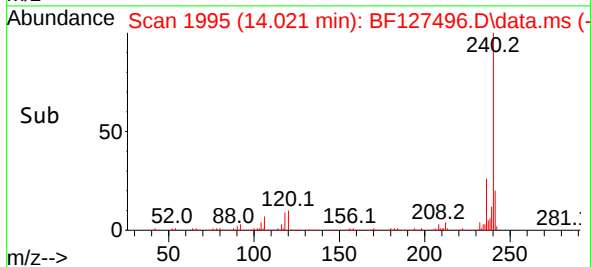
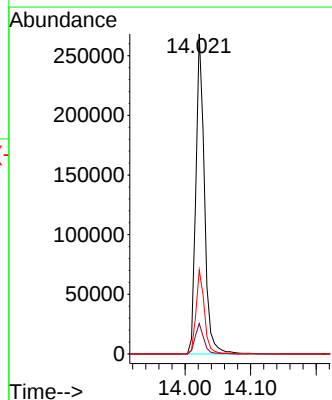
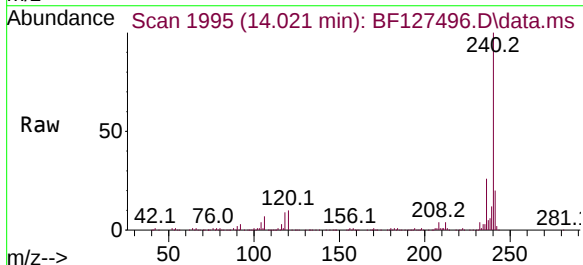
Instrument :
BNA_F
ClientSampleId :
PB143528TB

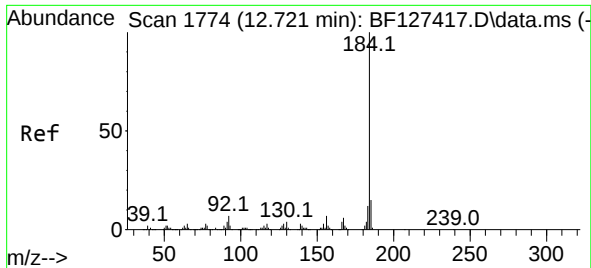
Tgt Ion:248 Resp: 17930
Ion Ratio Lower Upper
248 100
250 209.9 76.6 115.0#
141 478.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

Tgt Ion:240 Resp: 243857
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 26.3 20.7 31.1

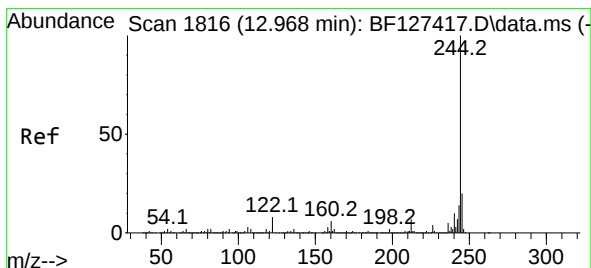
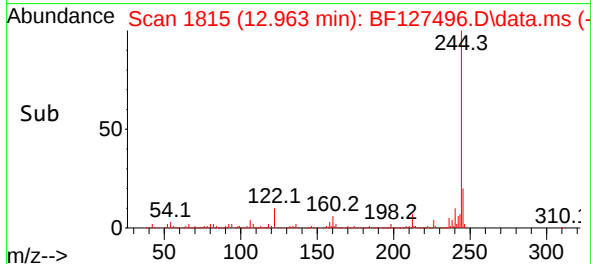
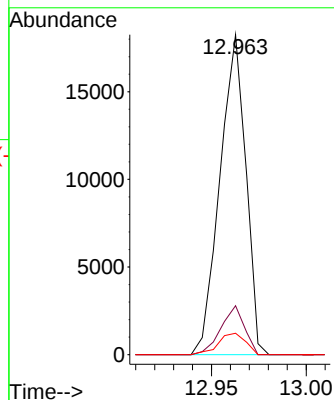
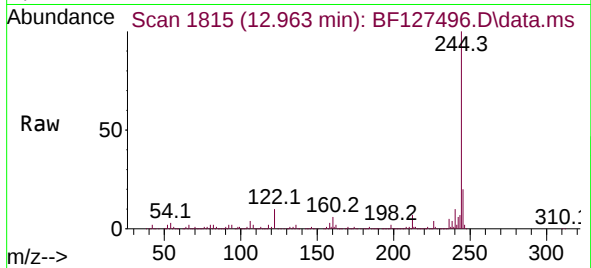




#77
Benzidine
Concen: 2.983 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

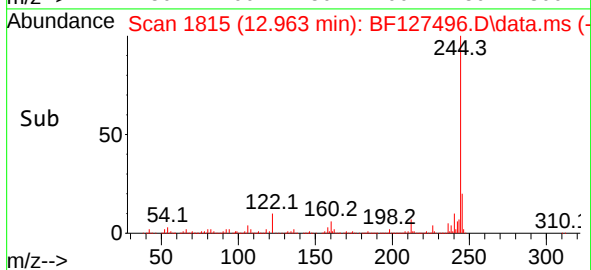
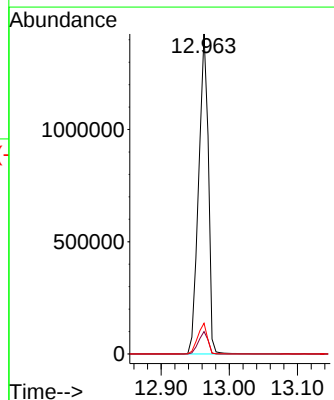
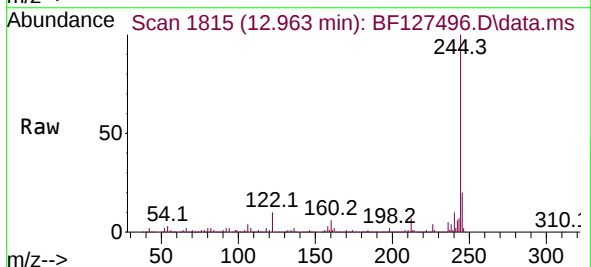
Instrument :
BNA_F
ClientSampleId :
PB143528TB

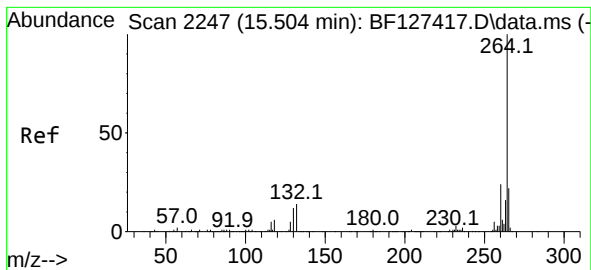
Tgt Ion:184 Resp: 17343
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 6.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 93.788 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127496.D
Acq: 24 Mar 2022 11:49

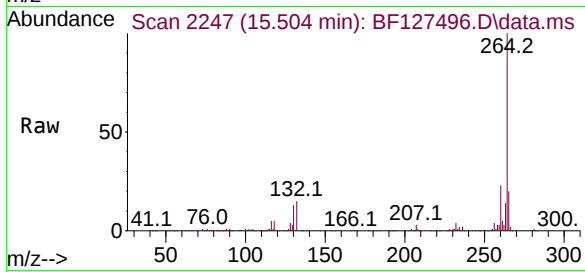
Tgt Ion:244 Resp: 1397101
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.6 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127496.D
 Acq: 24 Mar 2022 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB143528TB



Tgt Ion:264 Resp: 187279
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.1 28.7
 265 20.3 17.4 26.2

