

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127453.D
 Acq On : 22 Mar 2022 15:47
 Operator : CG\JU
 Sample : PB143505BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143505BL

Quant Time: Mar 23 03:01:27 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)

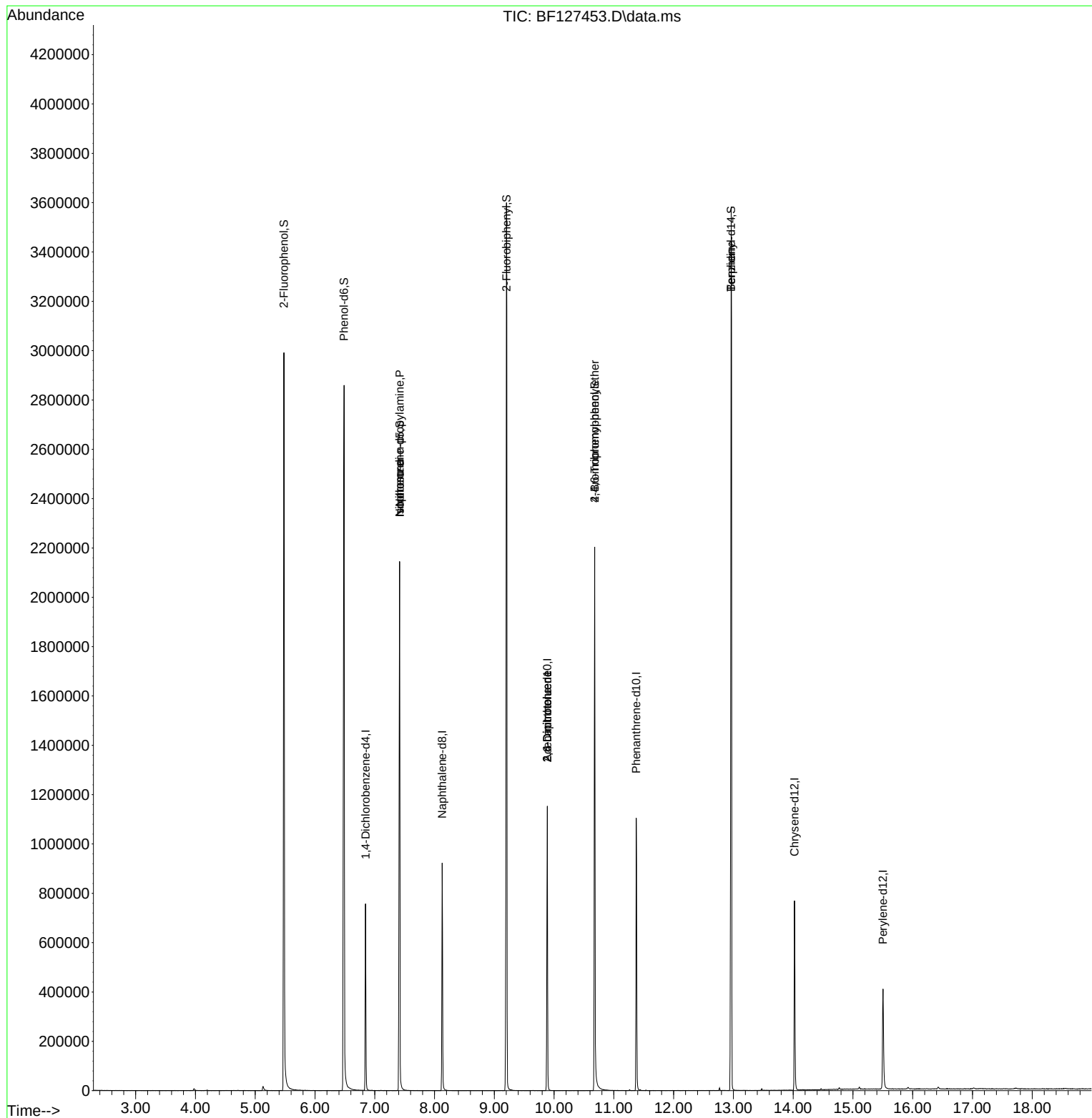
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101482	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	375639	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	221595	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	401369	20.000	ng	0.00
76) Chrysene-d12	14.021	240	272713	20.000	ng	0.00
86) Perylene-d12	15.504	264	199280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	783897	123.300	ng	0.01
7) Phenol-d6	6.486	99	1059116	121.872	ng	0.00
23) Nitrobenzene-d5	7.416	82	739302	84.129	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	257172	108.946	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1244827	82.030	ng	0.00
79) Terphenyl-d14	12.963	244	1442069	86.563	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1754	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	101110	19.410	ng	# 79
25) Isophorone	7.416	82	739297	52.821	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	27277	8.429	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	27277	6.549	ng	# 14
58) Fluorene	10.680	166	9230	Below Cal	#	70
67) 4-Bromophenyl-phenylether	10.680	248	16854	3.597	ng	# 1
77) Benzidine	12.963	184	18299	2.814	ng	# 93

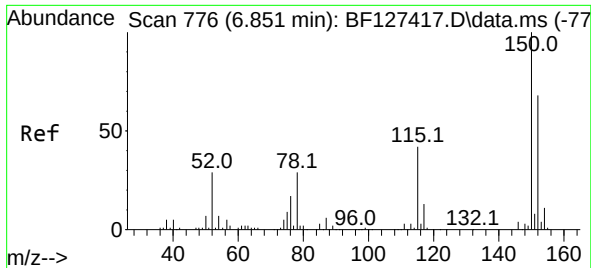
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

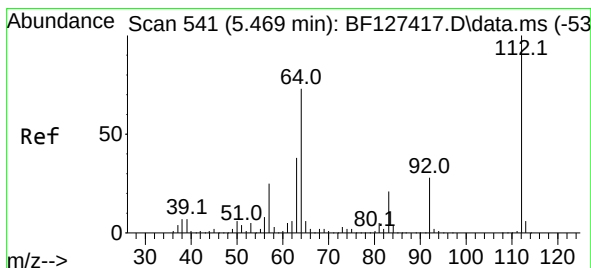
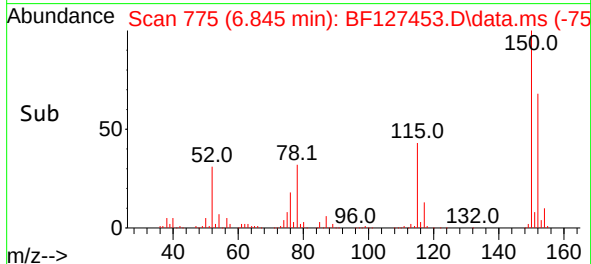
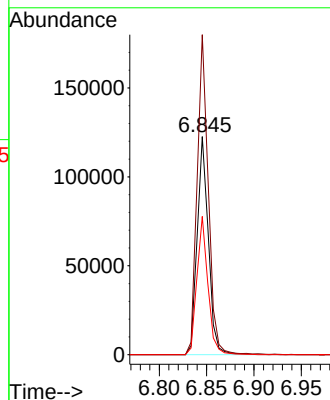
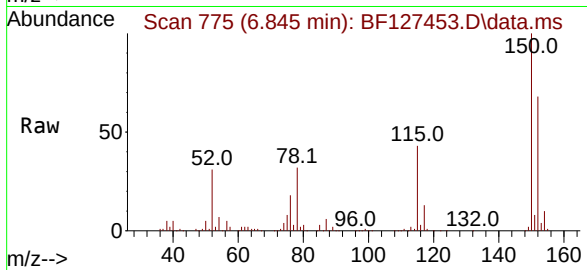




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

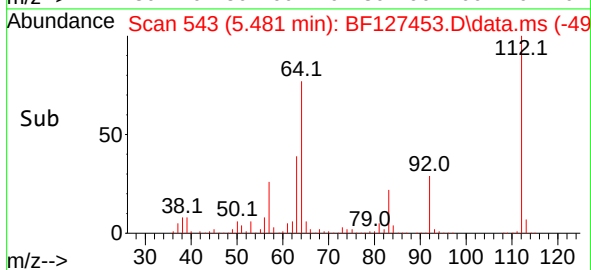
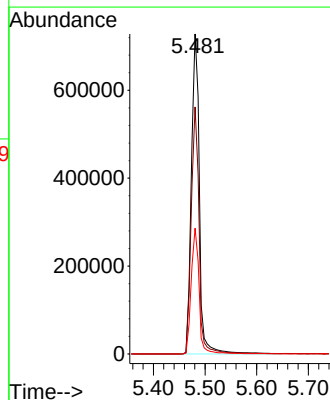
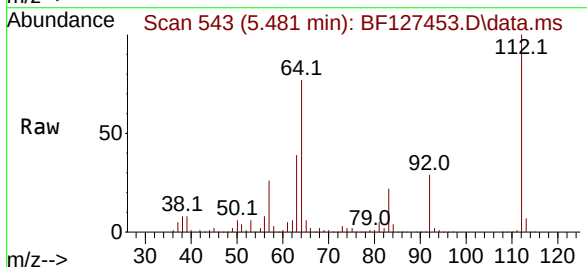
Instrument :
BNA_F
ClientSampleId :
PB143505BL

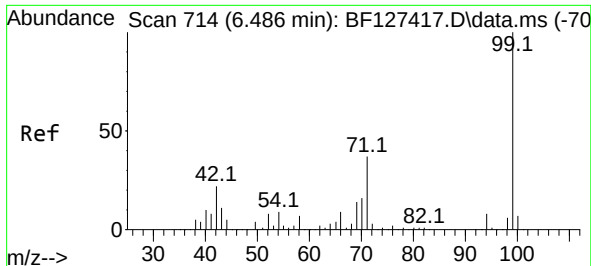
Tgt Ion:152 Resp: 101482
Ion Ratio Lower Upper
152 100
150 146.8 117.2 175.8
115 63.4 49.8 74.6



#5
2-Fluorophenol
Concen: 123.300 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

Tgt Ion:112 Resp: 783897
Ion Ratio Lower Upper
112 100
64 77.2 58.4 87.6
63 39.3 30.1 45.1

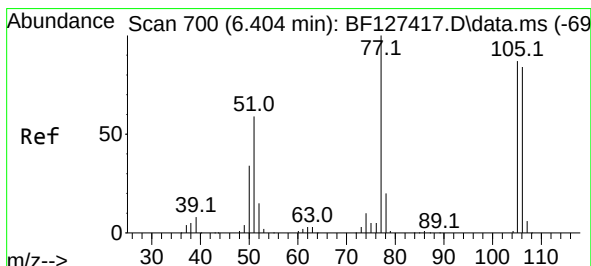
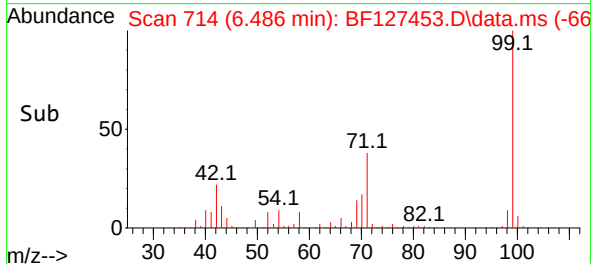
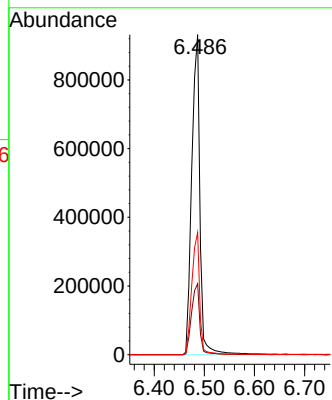
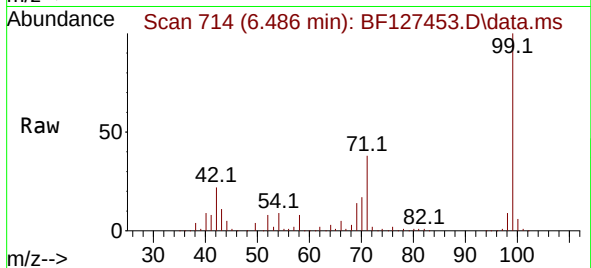




#7
Phenol-d6
Concen: 121.872 ng
RT: 6.486 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

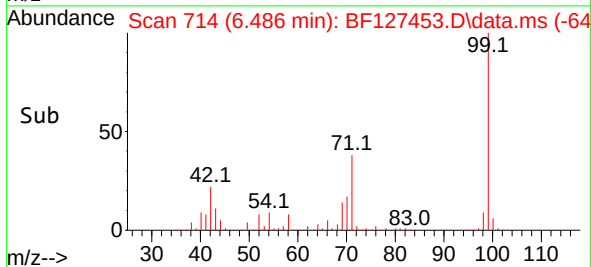
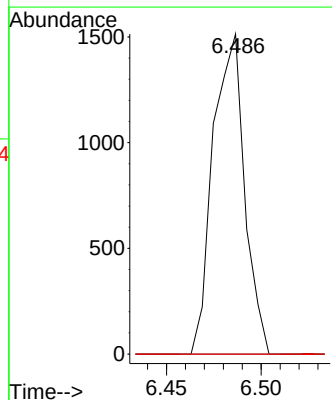
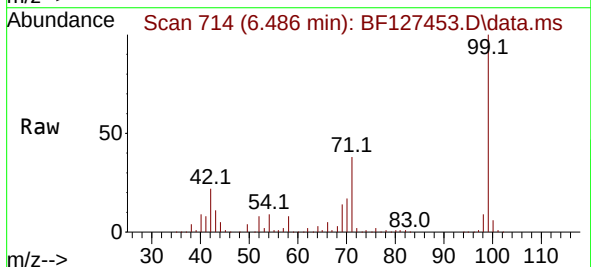
Instrument :
BNA_F
ClientSampleId :
PB143505BL

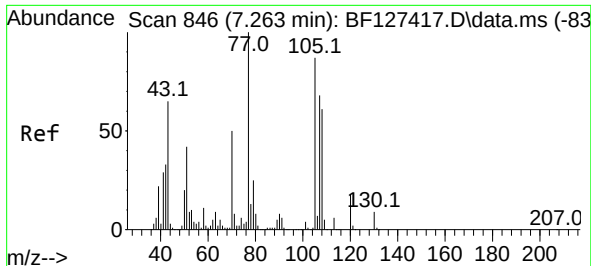
Tgt Ion: 99 Resp: 1059116
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 38.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.486 min Scan# 714
Delta R.T. 0.082 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

Tgt Ion: 77 Resp: 1754
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

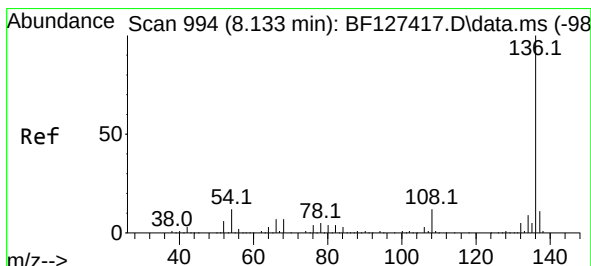
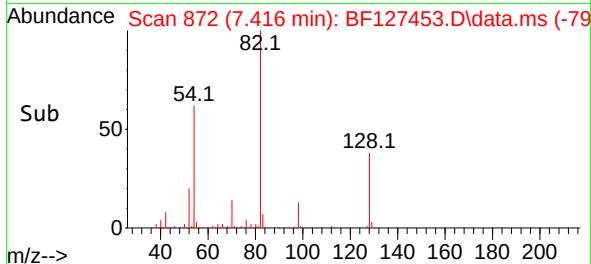
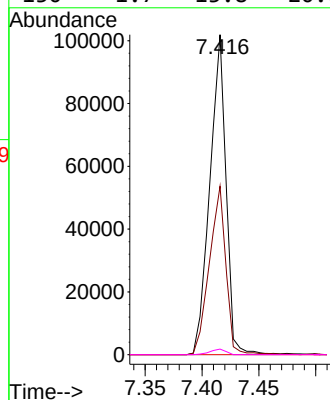
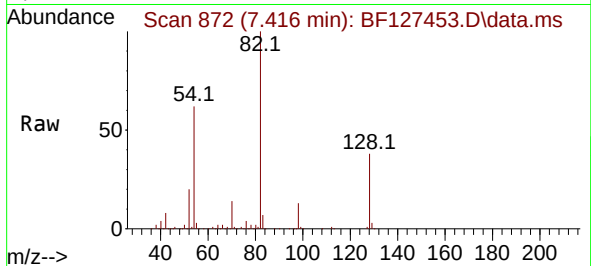




#19
n-Nitroso-di-n-propylamine
Concen: 19.410 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

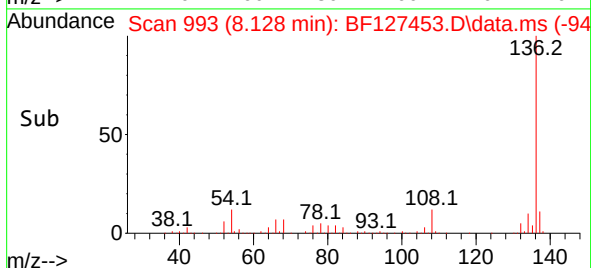
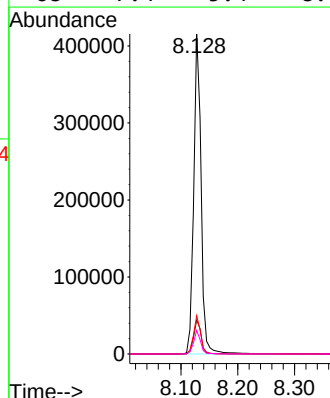
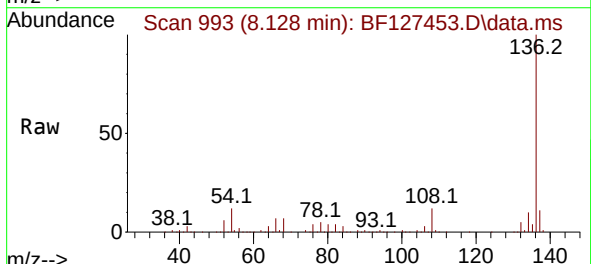
Instrument :
BNA_F
ClientSampleId :
PB143505BL

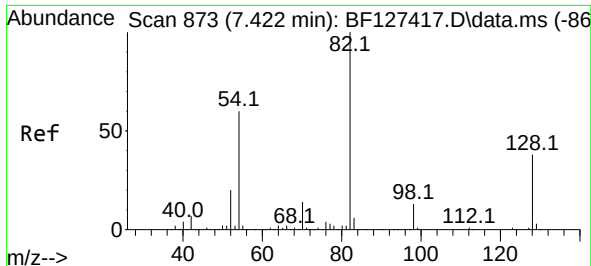
Tgt Ion: 70 Resp: 101110
Ion Ratio Lower Upper
70 100
42 52.6 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

Tgt Ion:136 Resp: 375639
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.9 9.2 13.8
68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.129 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127453.D

Acq: 22 Mar 2022 15:47

Instrument :

BNA_F

ClientSampleId :

PB143505BL

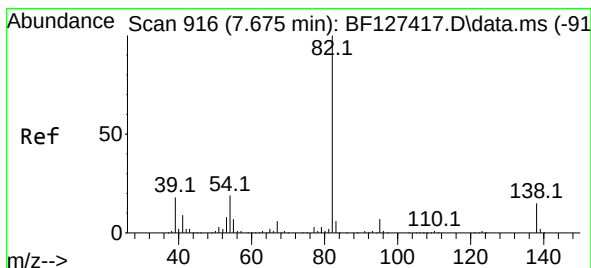
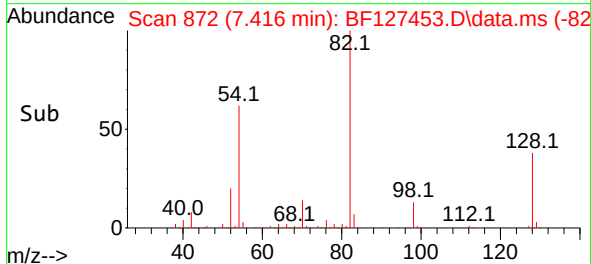
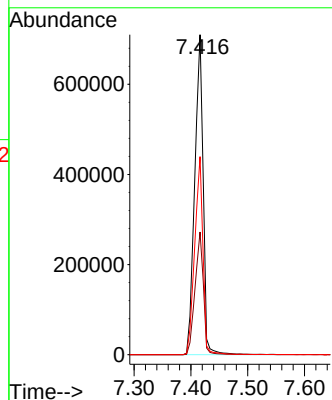
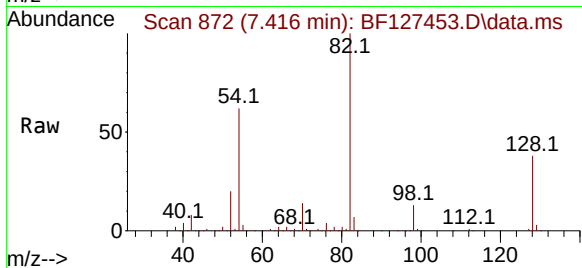
Tgt Ion: 82 Resp: 739302

Ion Ratio Lower Upper

82 100

128 38.4 30.6 45.8

54 61.9 48.2 72.2



#25

Isophorone

Concen: 52.821 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127453.D

Acq: 22 Mar 2022 15:47

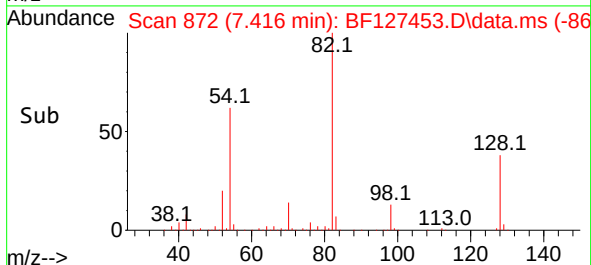
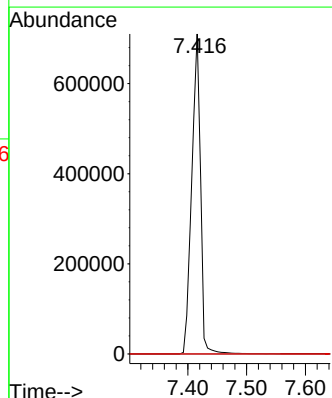
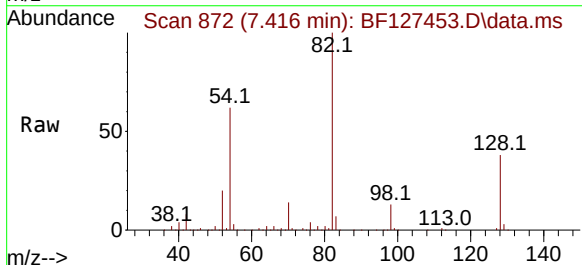
Tgt Ion: 82 Resp: 739297

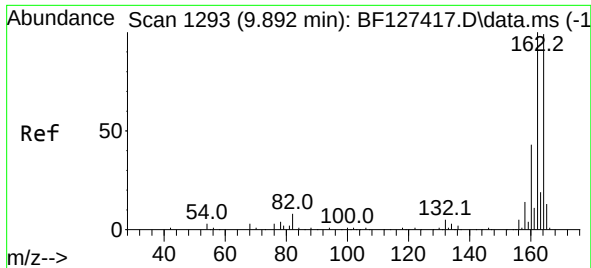
Ion Ratio Lower Upper

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# 1292

Delta R.T. -0.006 min

Lab File: BF127453.D

Acq: 22 Mar 2022 15:47

Instrument :

BNA_F

ClientSampleId :

PB143505BL

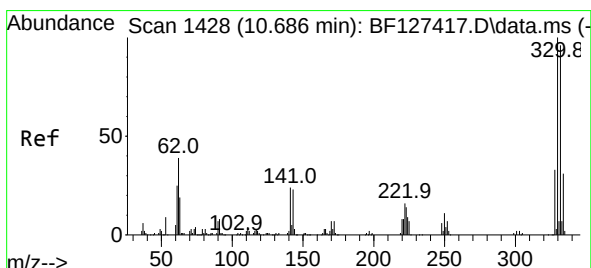
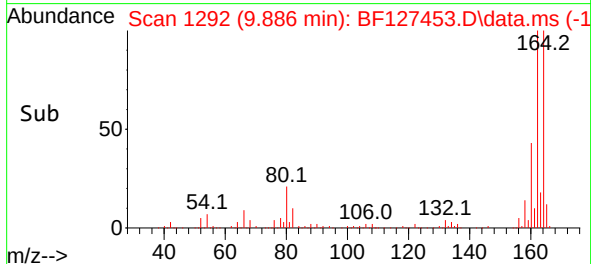
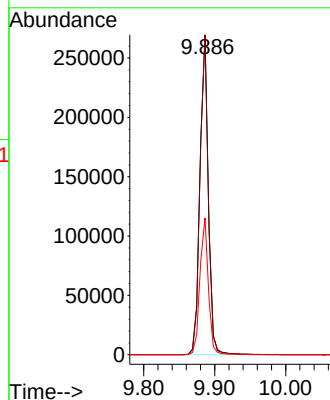
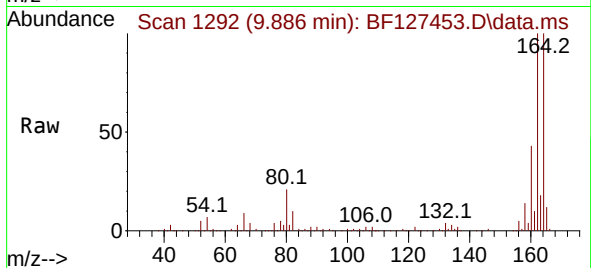
Tgt Ion:164 Resp: 221595

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 42.8 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 108.946 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127453.D

Acq: 22 Mar 2022 15:47

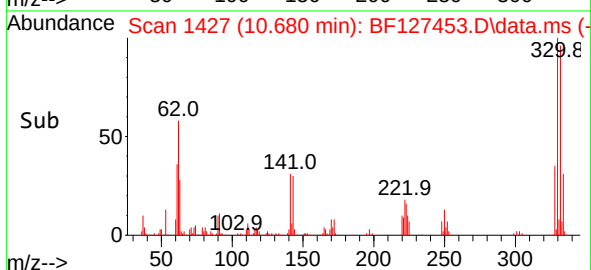
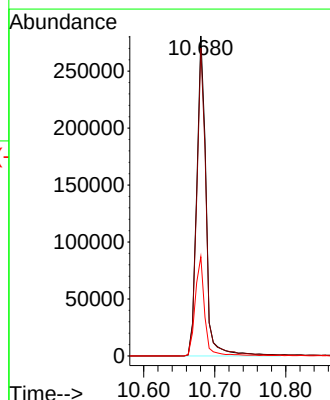
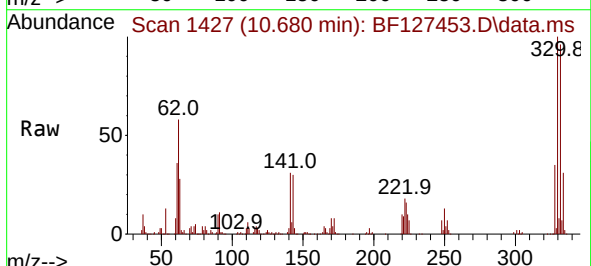
Tgt Ion:330 Resp: 257172

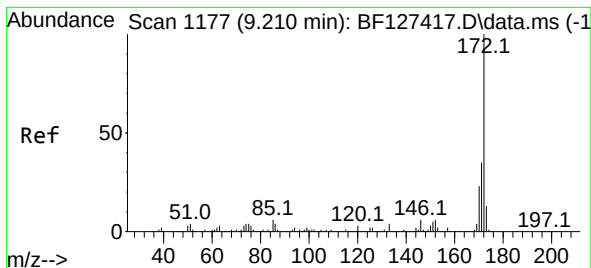
Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 31.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 82.030 ng

RT: 9.204 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127453.D

Acq: 22 Mar 2022 15:47

Instrument :

BNA_F

ClientSampleId :

PB143505BL

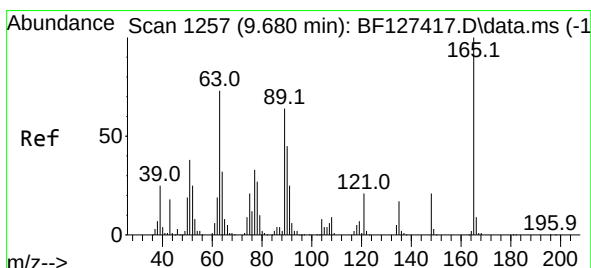
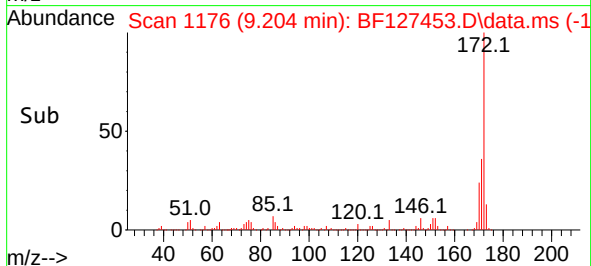
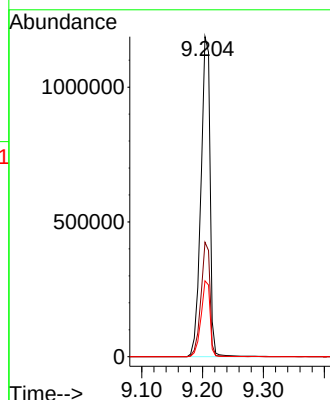
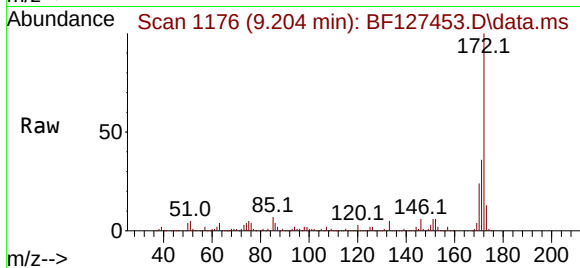
Tgt Ion:172 Resp: 1244827

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.429 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127453.D

Acq: 22 Mar 2022 15:47

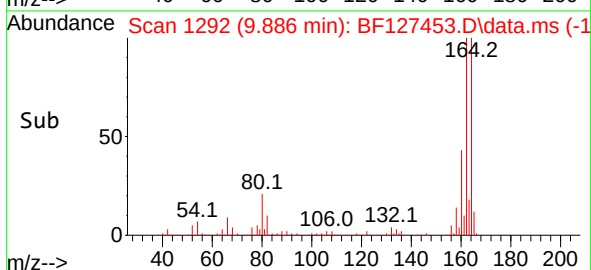
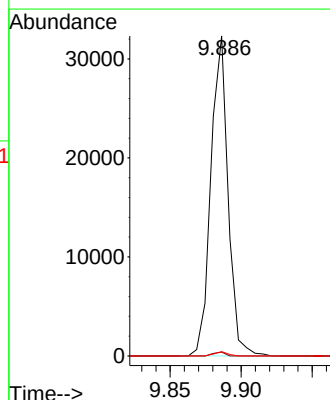
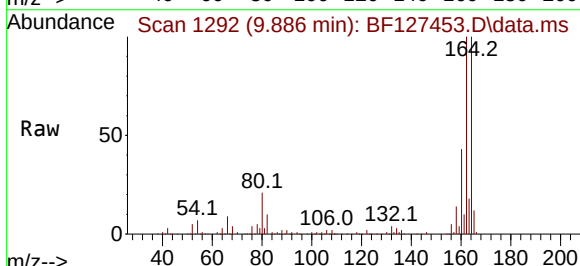
Tgt Ion:165 Resp: 27277

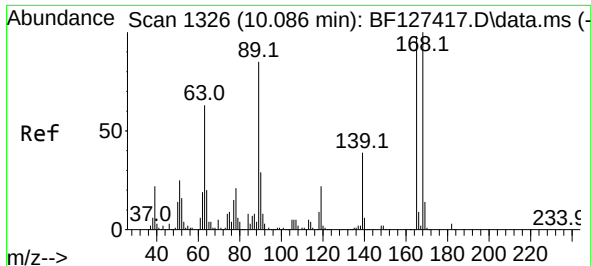
Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.4 51.5 77.3#

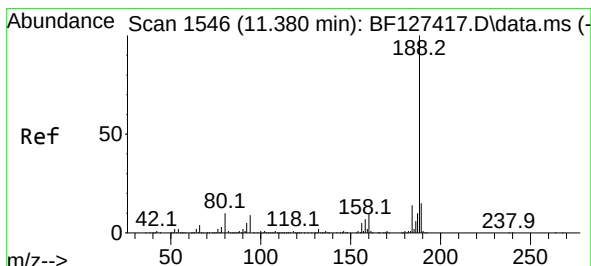
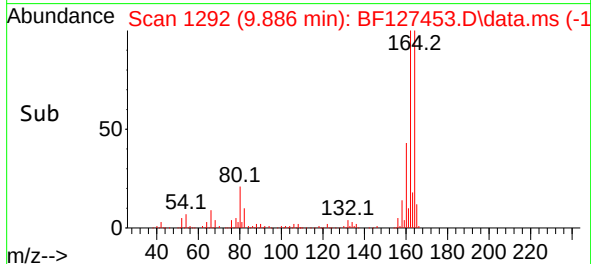
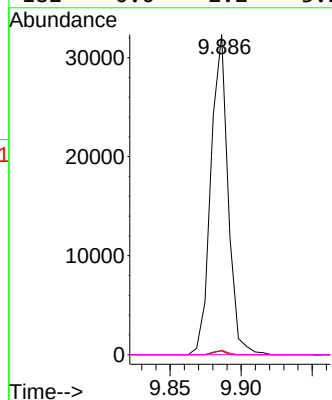
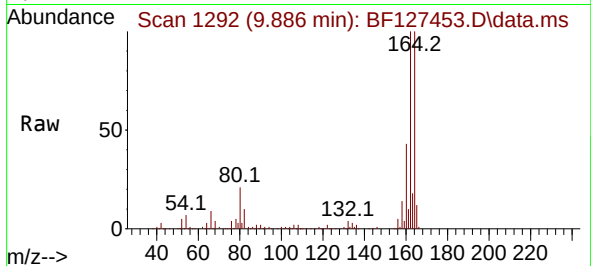




#57
2,4-Dinitrotoluene
Concen: 6.549 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

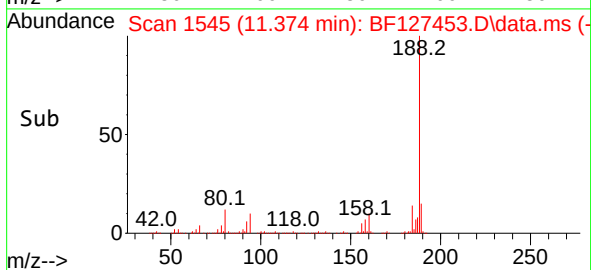
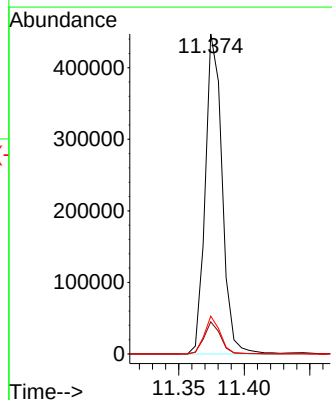
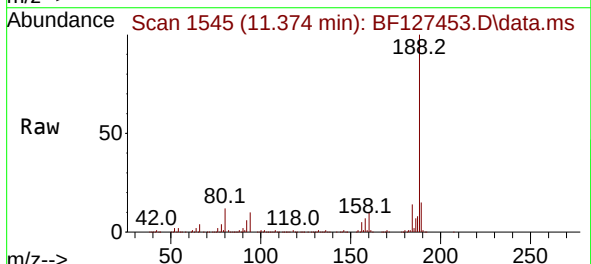
Instrument :
BNA_F
ClientSampleId :
PB143505BL

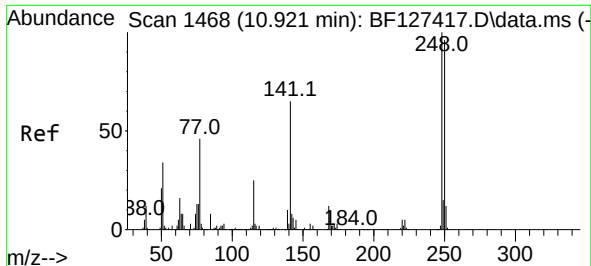
Tgt Ion:165 Resp: 27277
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

Tgt Ion:188 Resp: 401369
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.8 8.0 12.0

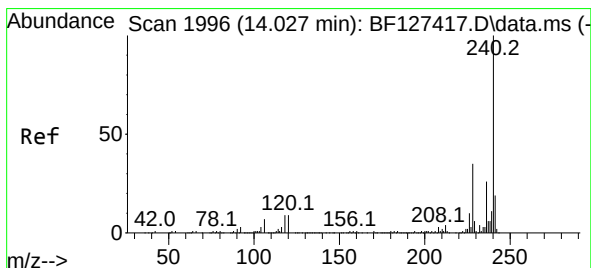
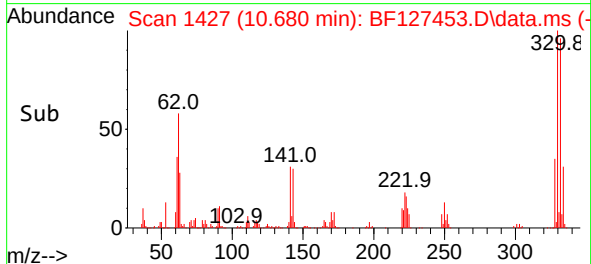
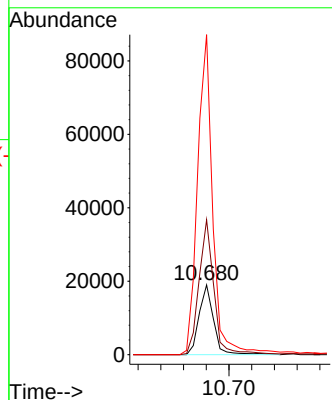
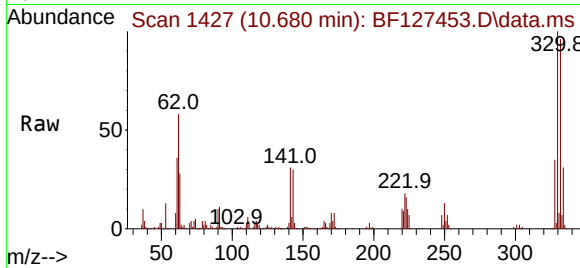




#67
4-Bromophenyl-phenylether
Concen: 3.597 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

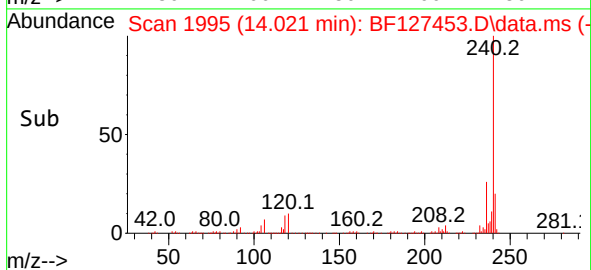
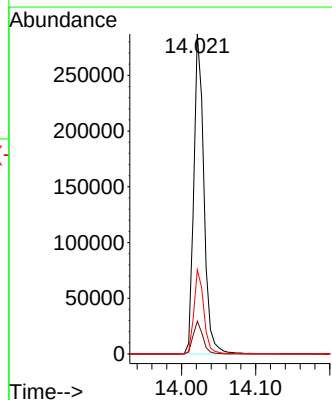
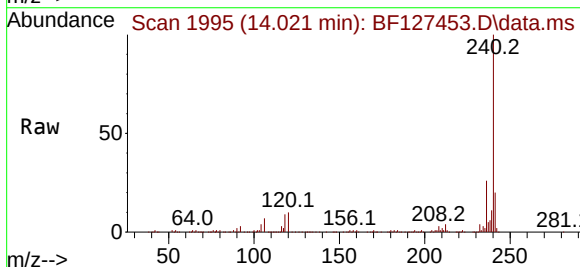
Instrument :
BNA_F
ClientSampleId :
PB143505BL

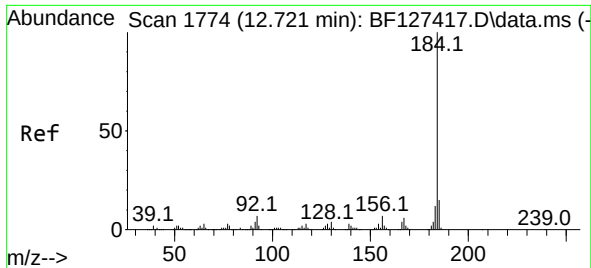
Tgt Ion:248 Resp: 16854
Ion Ratio Lower Upper
248 100
250 193.5 76.6 115.0#
141 459.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

Tgt Ion:240 Resp: 272713
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 26.3 20.7 31.1

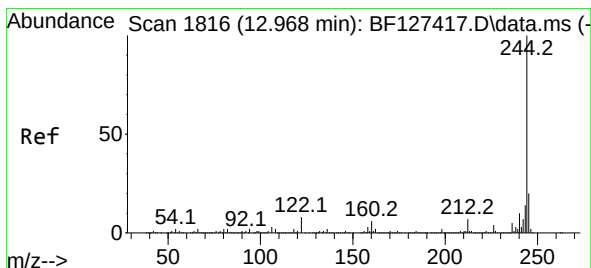
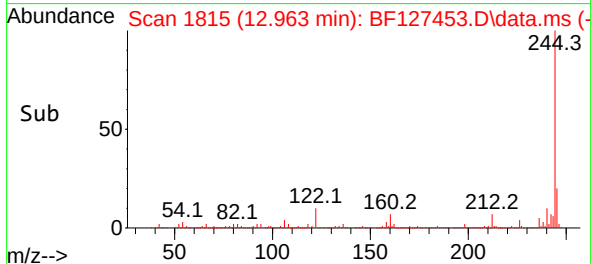
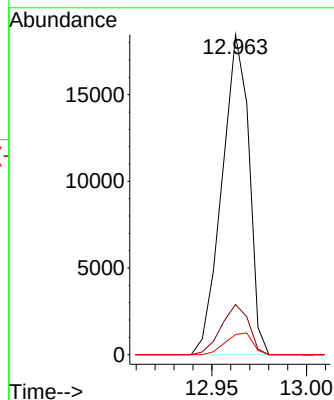
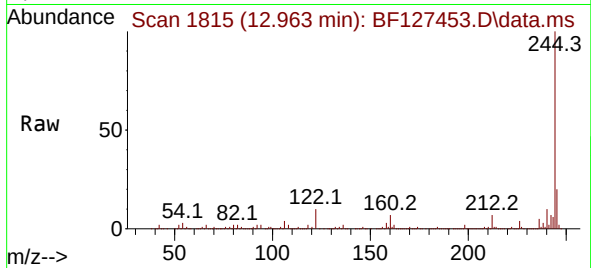




#77
Benzidine
Concen: 2.814 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

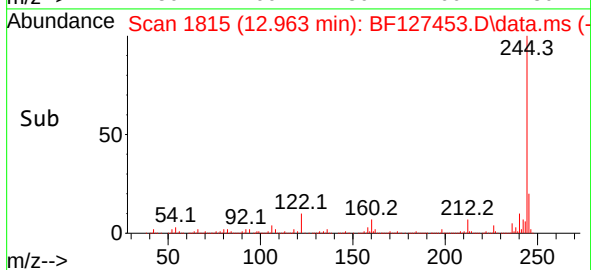
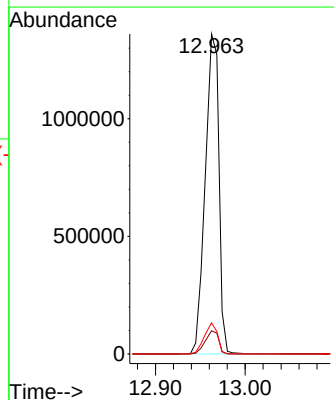
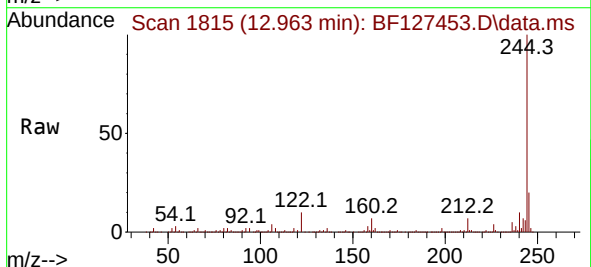
Instrument :
BNA_F
ClientSampleId :
PB143505BL

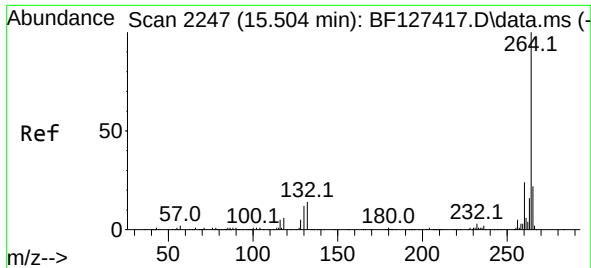
Tgt Ion:184 Resp: 18299
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.563 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127453.D
Acq: 22 Mar 2022 15:47

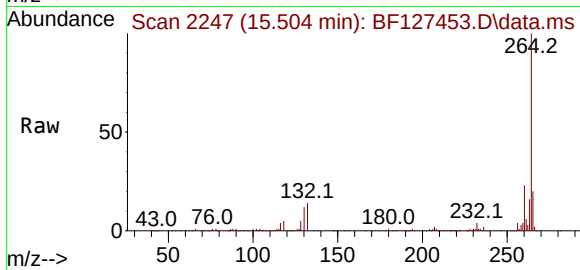
Tgt Ion:244 Resp: 1442069
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.7 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127453.D
 Acq: 22 Mar 2022 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB143505BL



Tgt Ion:264 Resp: 199280
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 20.5 17.4 26.2

