

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127330.D
 Acq On : 15 Mar 2022 18:04
 Operator : CG\JU
 Sample : PB143311BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143311BL

Quant Time: Mar 16 05:29:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

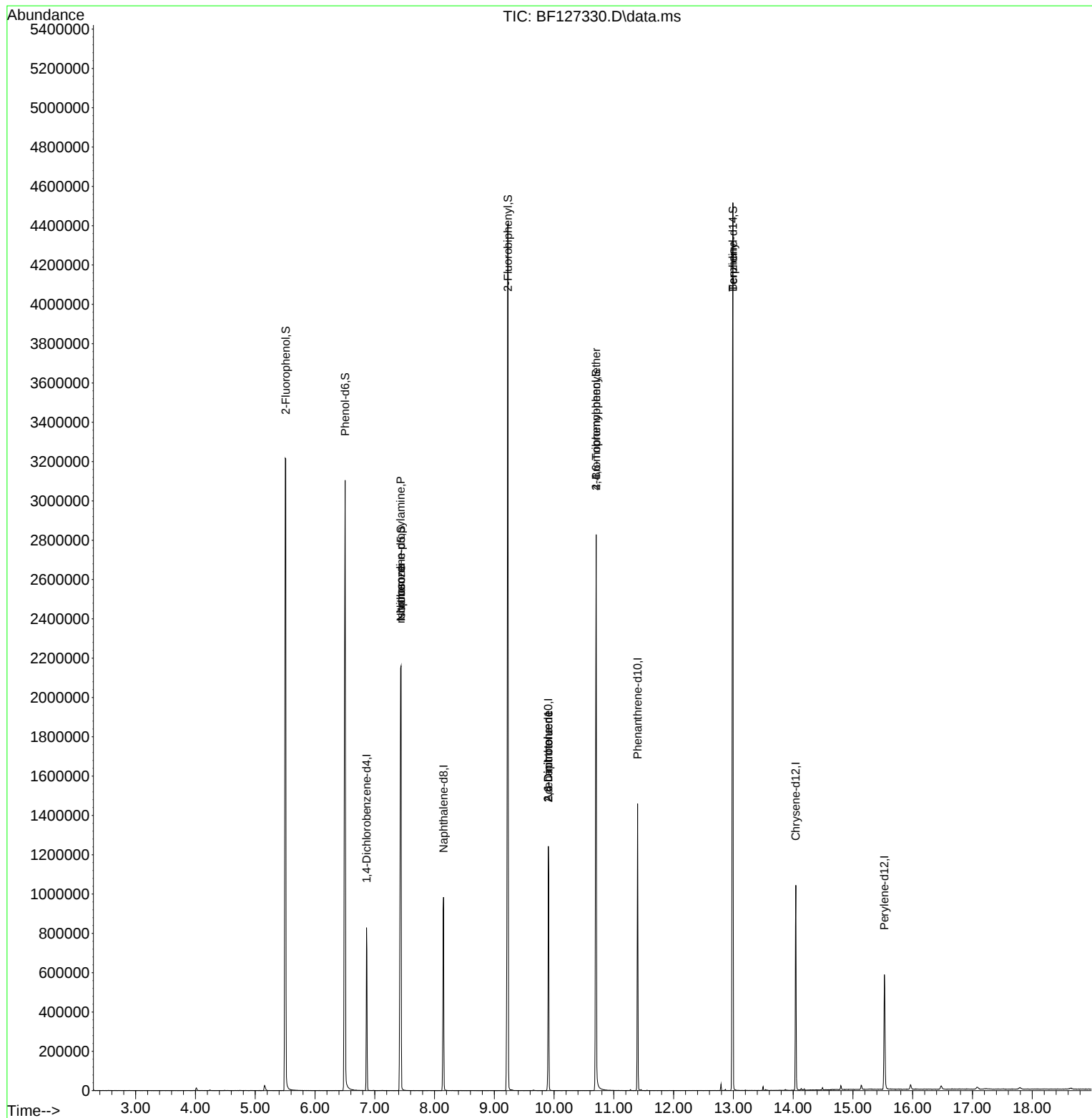
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	120374	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	447836	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	264110	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	466535	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	355355	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	265156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	925757	123.632	ng	0.02
7) Phenol-d6	6.504	99	1279153	124.179	ng	0.00
23) Nitrobenzene-d5	7.439	82	918780	84.727	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	354172	124.571	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1548650	82.900	ng	0.00
79) Terphenyl-d14	12.992	244	1761923	85.378	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2072	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.433	70	126105	19.618	ng	# 87
25) Isophorone	7.439	82	918770	52.691	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	34160	8.923	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	34160	6.782	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	23574	4.192	ng	# 1
77) Benzydine	12.992	184	22643	2.506	ng	# 94

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

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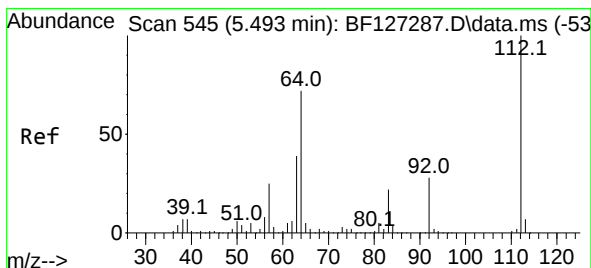
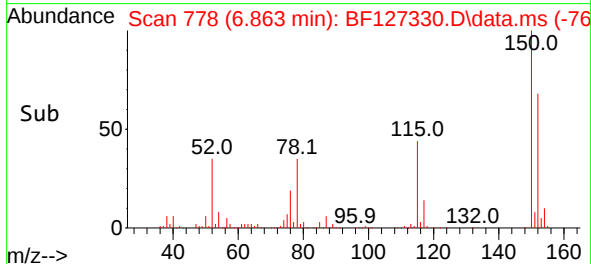
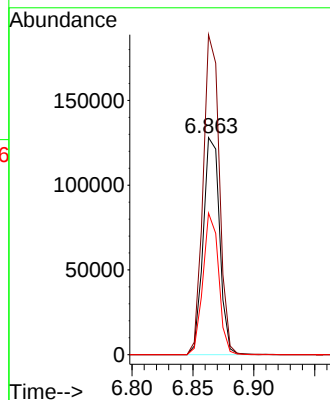
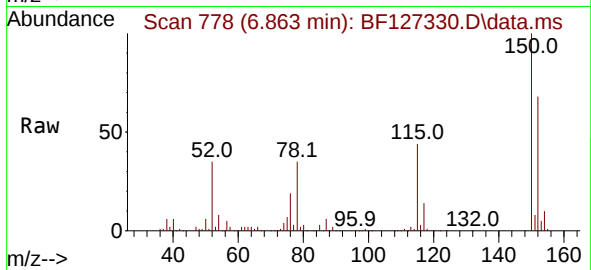




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

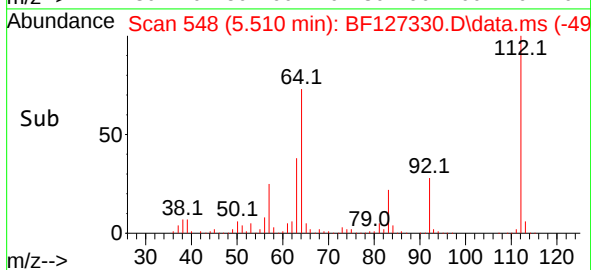
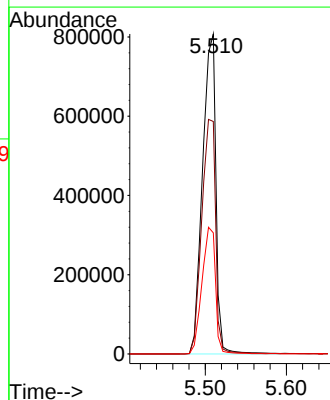
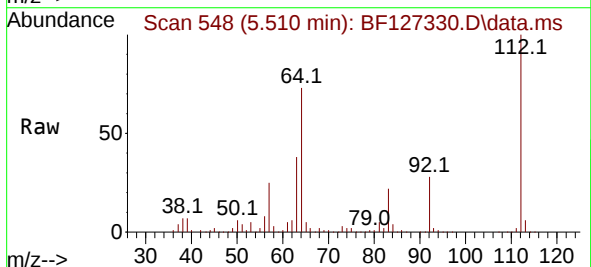
Instrument :
BNA_F
ClientSampleId :
PB143311BL

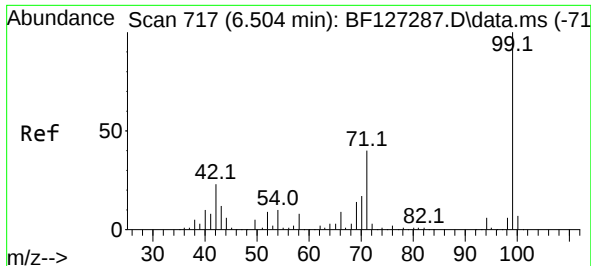
Tgt Ion:152 Resp: 120374
Ion Ratio Lower Upper
152 100
150 147.3 128.1 192.1
115 65.2 56.7 85.1



#5
2-Fluorophenol
Concen: 123.632 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.017 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

Tgt Ion:112 Resp: 925757
Ion Ratio Lower Upper
112 100
64 72.7 49.5 74.3
63 37.8 23.9 35.9#

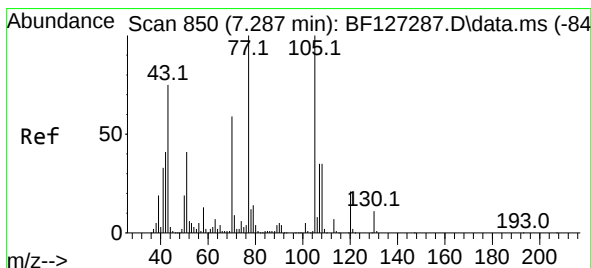
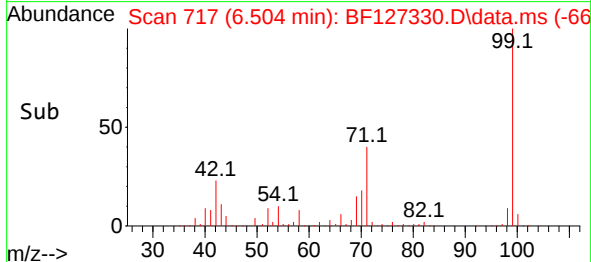
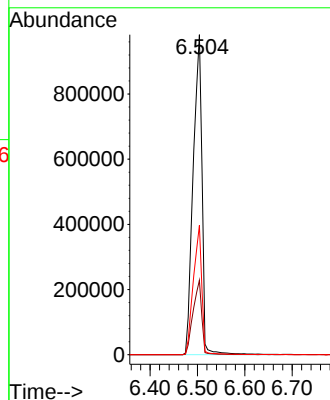
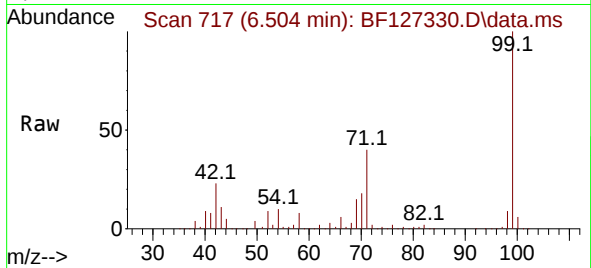




#7
Phenol-d6
Concen: 124.179 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

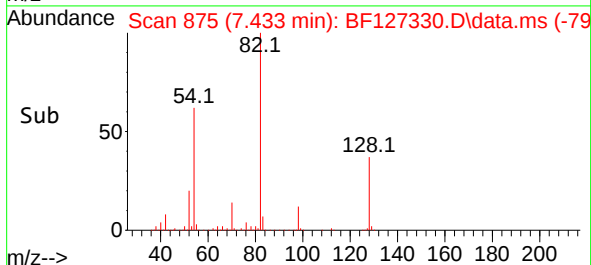
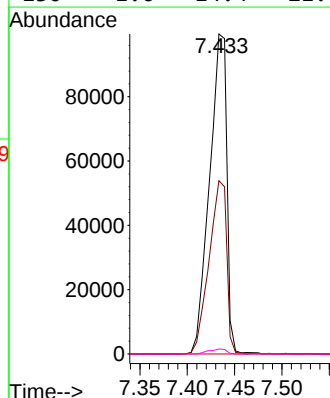
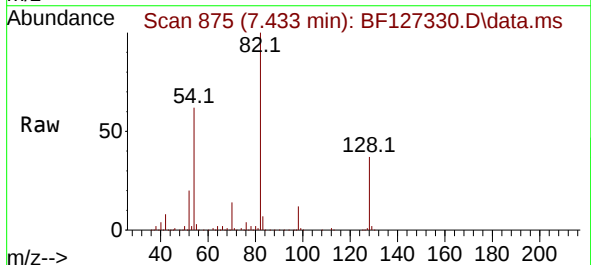
Instrument :
BNA_F
ClientSampleId :
PB143311BL

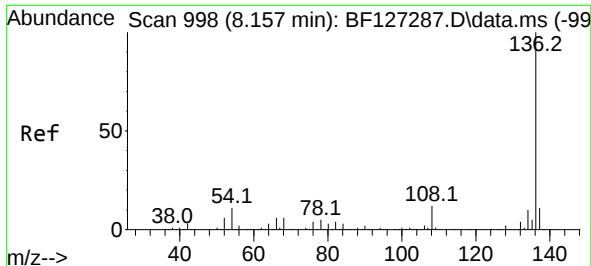
Tgt Ion: 99 Resp: 1279153
Ion Ratio Lower Upper
99 100
42 23.3 14.2 21.4#
71 40.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.618 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

Tgt Ion: 70 Resp: 126105
Ion Ratio Lower Upper
70 100
42 54.2 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

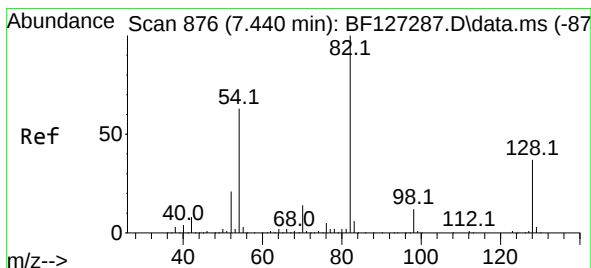
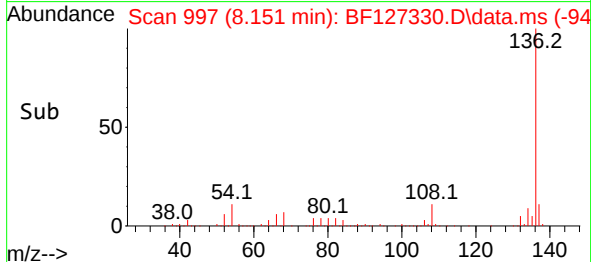
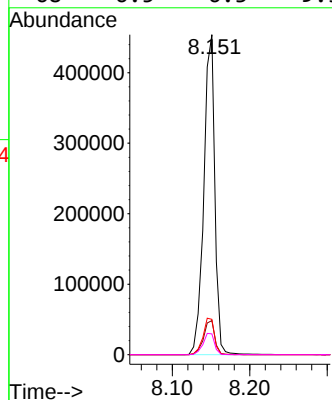
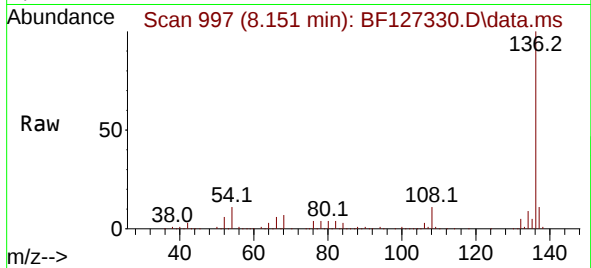




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

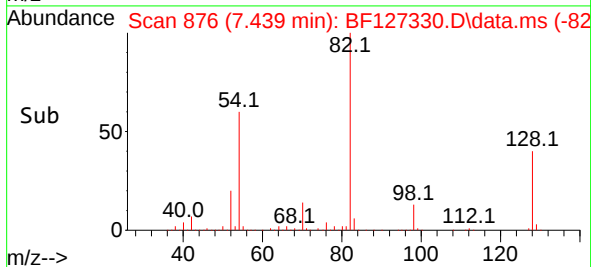
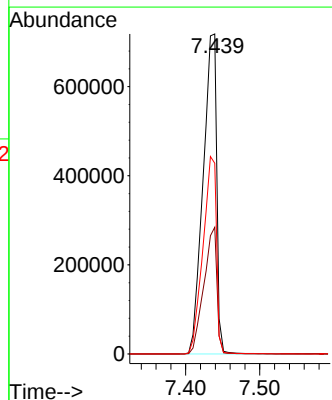
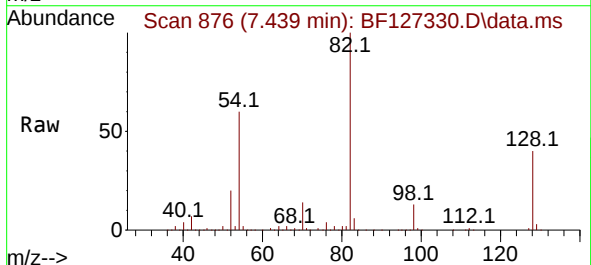
Instrument :
BNA_F
ClientSampleId :
PB143311BL

Tgt Ion:136 Resp: 447836
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.1 7.8 11.6
68 6.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 84.727 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

Tgt Ion: 82 Resp: 918780
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 59.6 41.7 62.5

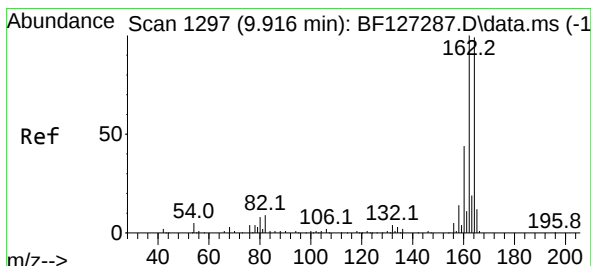
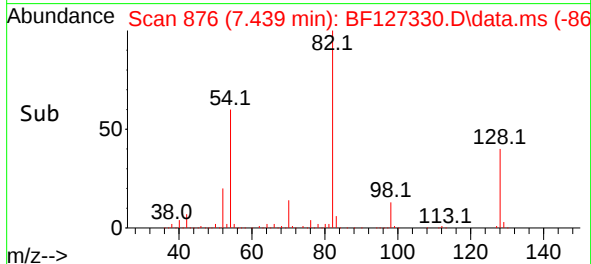
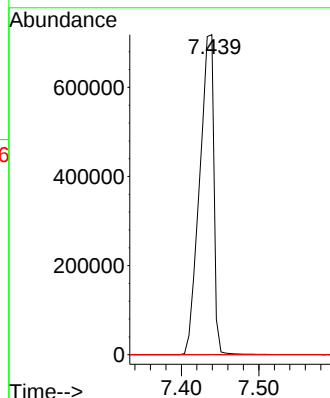
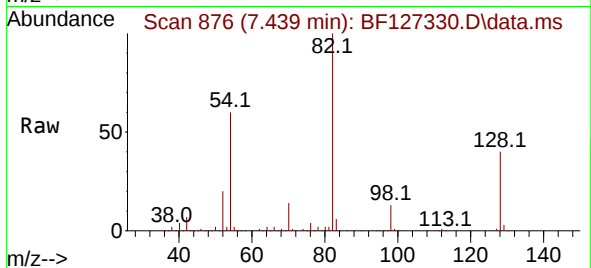




#25
Isophorone
Concen: 52.691 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

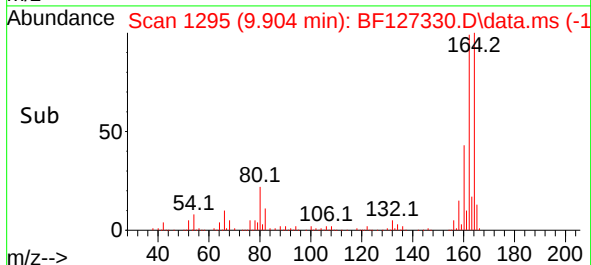
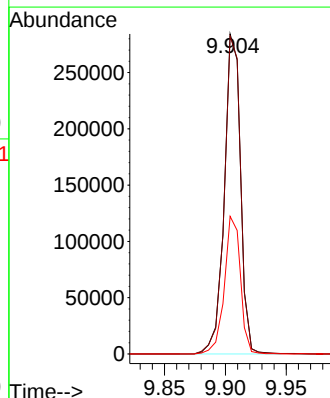
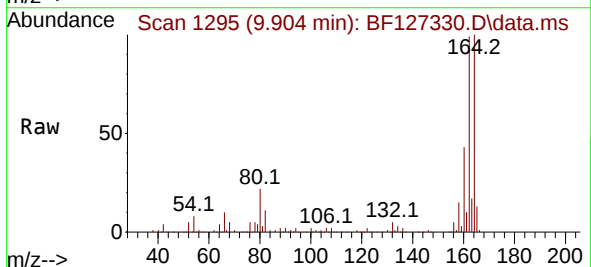
Instrument :
BNA_F
ClientSampleId :
PB143311BL

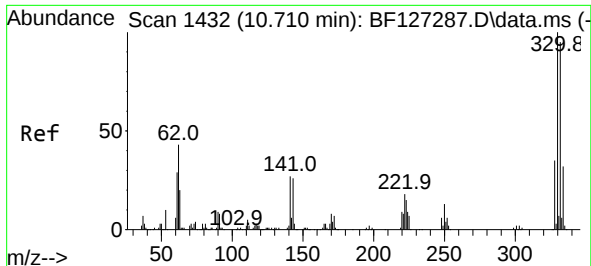
Tgt Ion: 82 Resp: 918770
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

Tgt Ion: 164 Resp: 264110
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 43.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 124.571 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127330.D

Acq: 15 Mar 2022 18:04

Instrument :

BNA_F

ClientSampleId :

PB143311BL

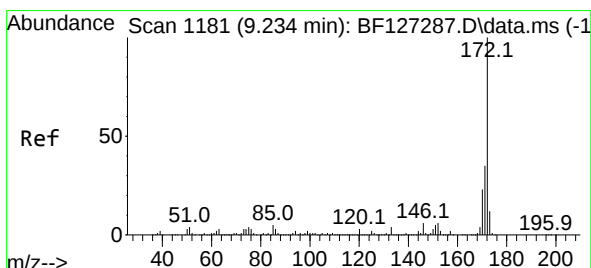
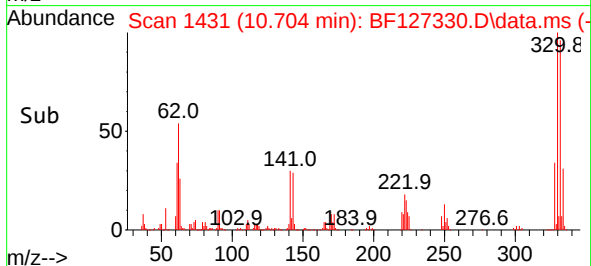
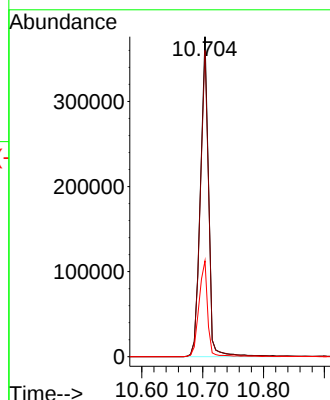
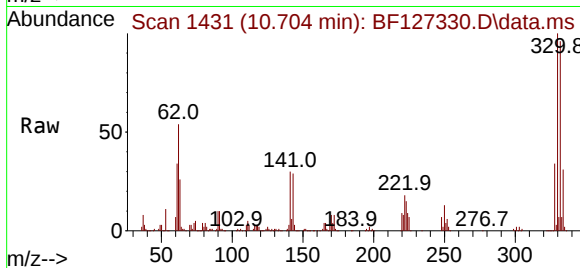
Tgt Ion:330 Resp: 354172

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 31.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.900 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127330.D

Acq: 15 Mar 2022 18:04

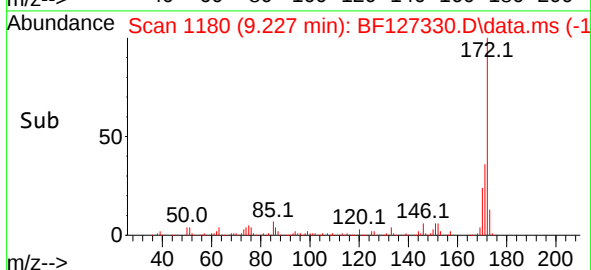
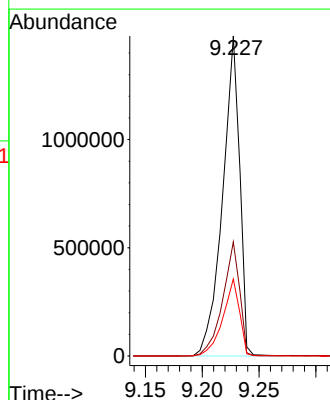
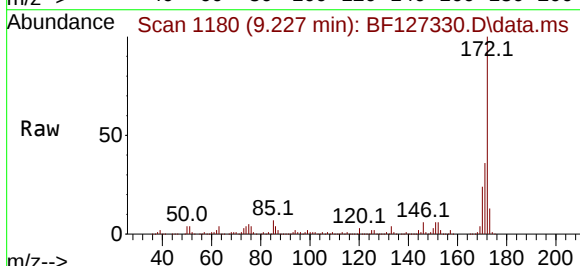
Tgt Ion:172 Resp: 1548650

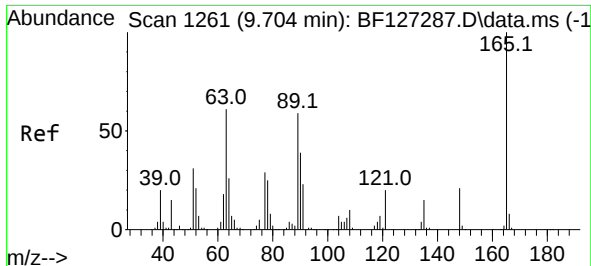
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 24.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.923 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF127330.D

Acq: 15 Mar 2022 18:04

Instrument :

BNA_F

ClientSampleId :

PB143311BL

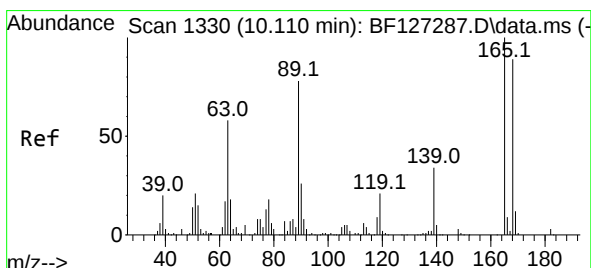
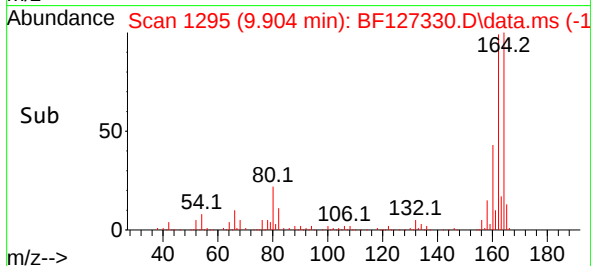
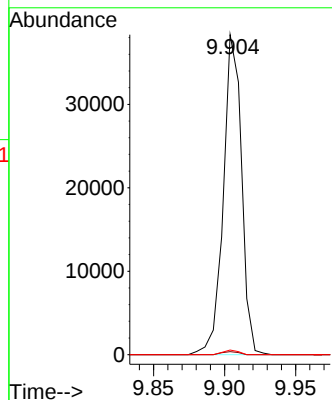
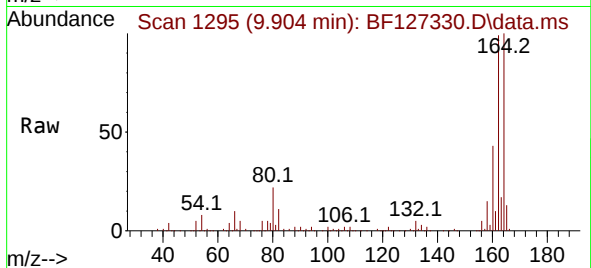
Tgt Ion:165 Resp: 34160

Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.5 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.782 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF127330.D

Acq: 15 Mar 2022 18:04

Tgt Ion:165 Resp: 34160

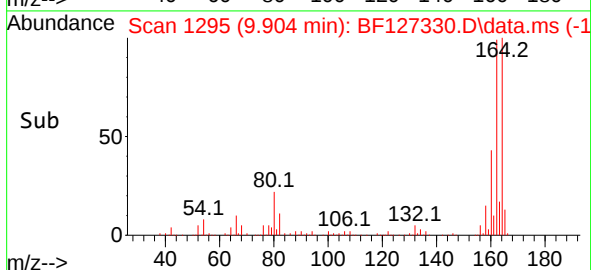
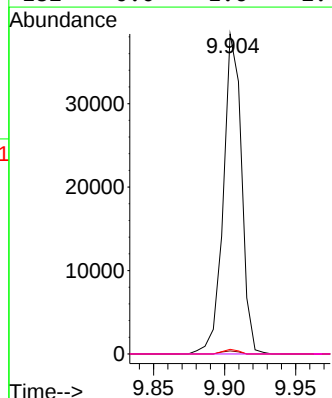
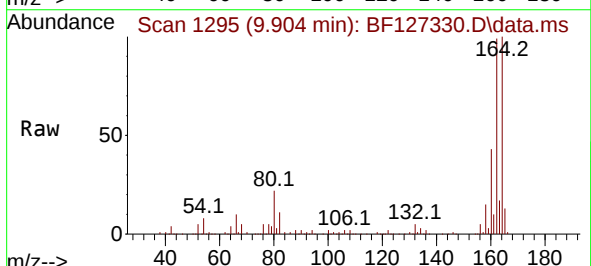
Ion Ratio Lower Upper

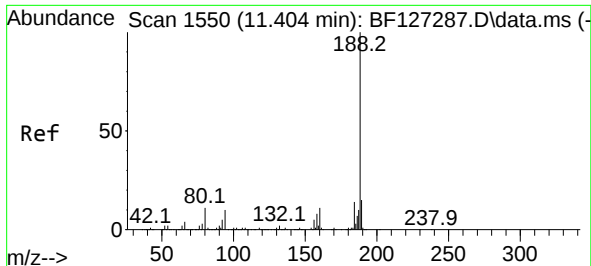
165 100

63 1.0 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#

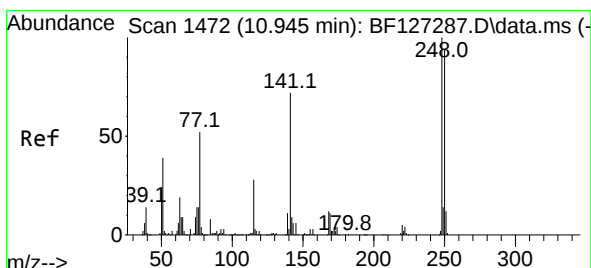
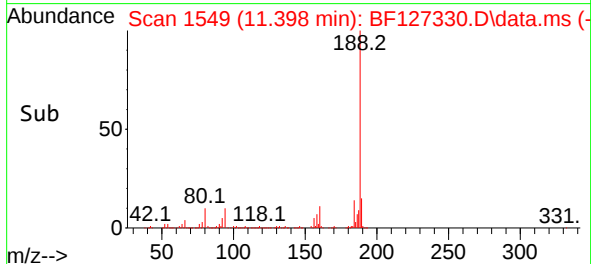
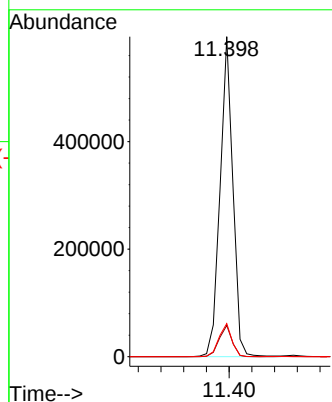
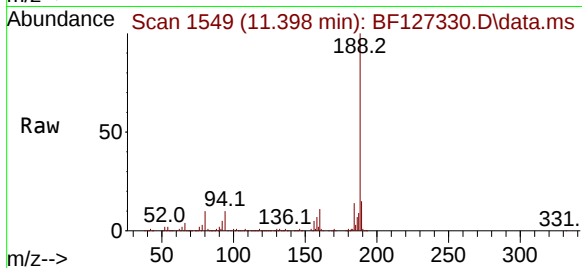




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

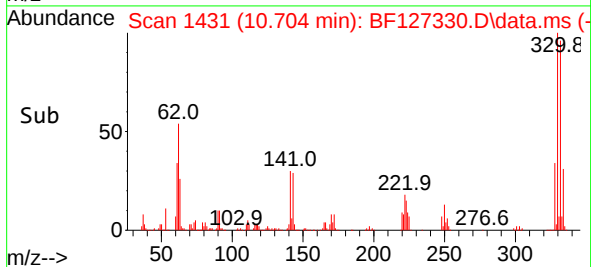
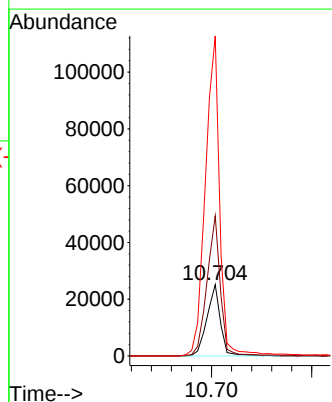
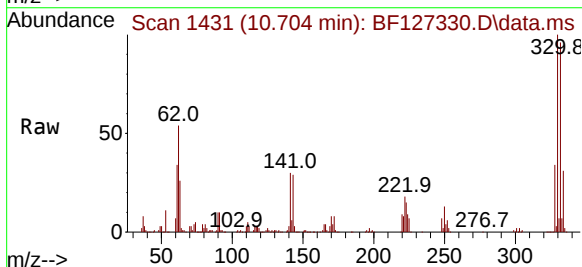
Instrument :
BNA_F
ClientSampleId :
PB143311BL

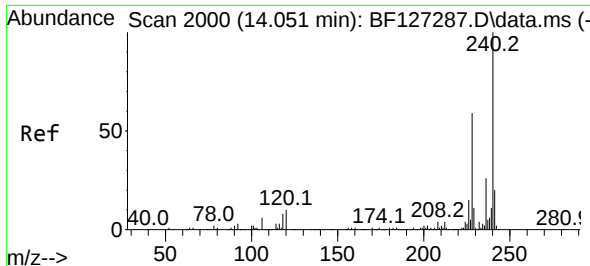
Tgt Ion:188 Resp: 466535
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.4 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.192 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

Tgt Ion:248 Resp: 23574
Ion Ratio Lower Upper
248 100
250 196.1 76.2 114.4#
141 447.9 66.2 99.4#

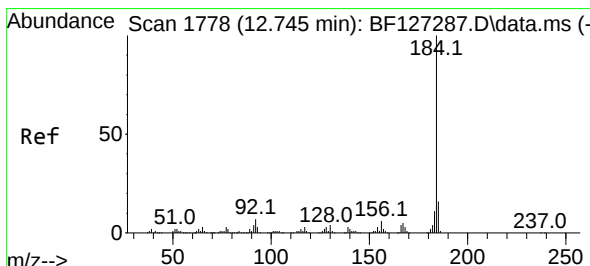
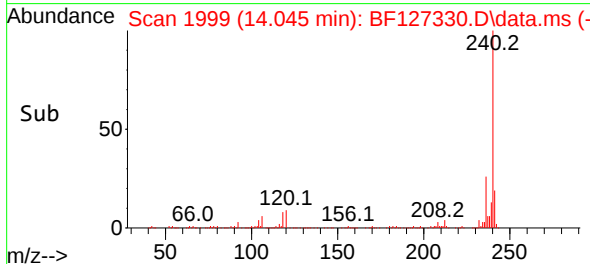
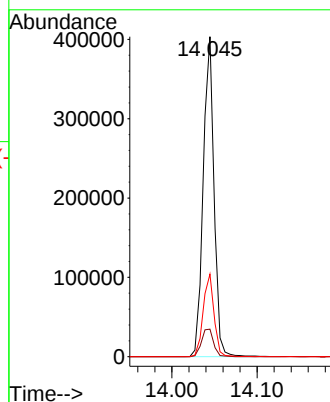
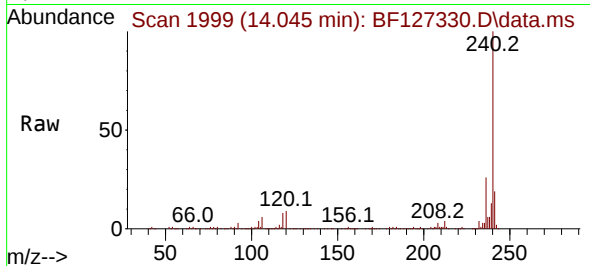




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

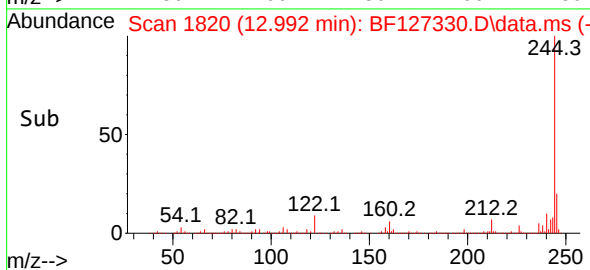
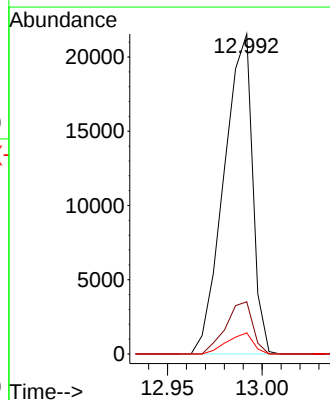
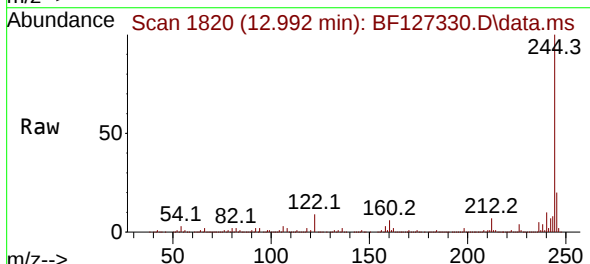
Instrument :
BNA_F
ClientSampleId :
PB143311BL

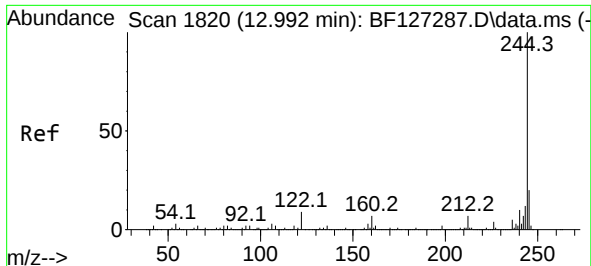
Tgt Ion:240 Resp: 355355
Ion Ratio Lower Upper
240 100
120 8.6 14.4 21.6#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.506 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.247 min
Lab File: BF127330.D
Acq: 15 Mar 2022 18:04

Tgt Ion:184 Resp: 22643
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.8
183 6.6 8.2 12.2#

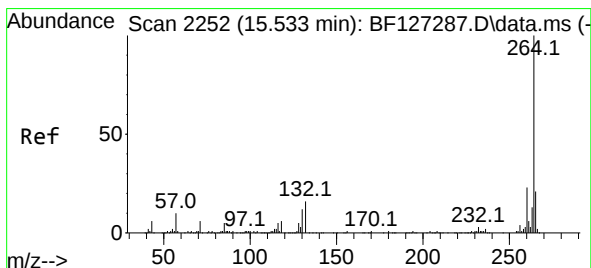
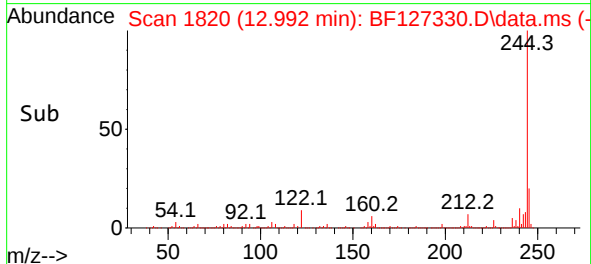
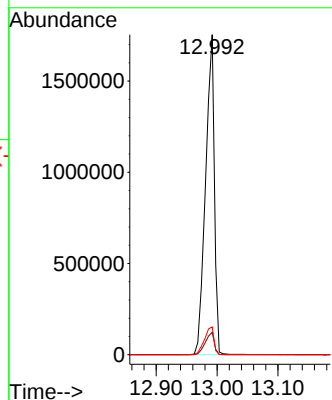
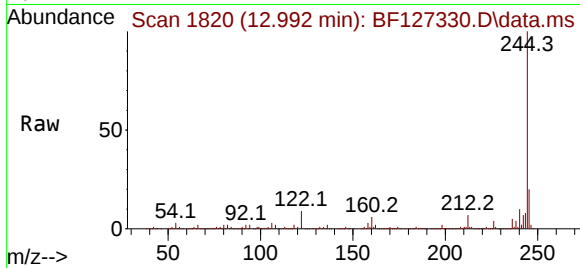




#79
 Terphenyl-d14
 Concen: 85.378 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127330.D
 Acq: 15 Mar 2022 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB143311BL

Tgt Ion:244 Resp: 1761923
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 8.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127330.D
 Acq: 15 Mar 2022 18:04

Tgt Ion:264 Resp: 265156
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.0 17.4 26.2

