

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127348.D
 Acq On : 16 Mar 2022 13:26
 Operator : CG\JU
 Sample : PB143388BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143388BL

Quant Time: Mar 17 02:35:06 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)

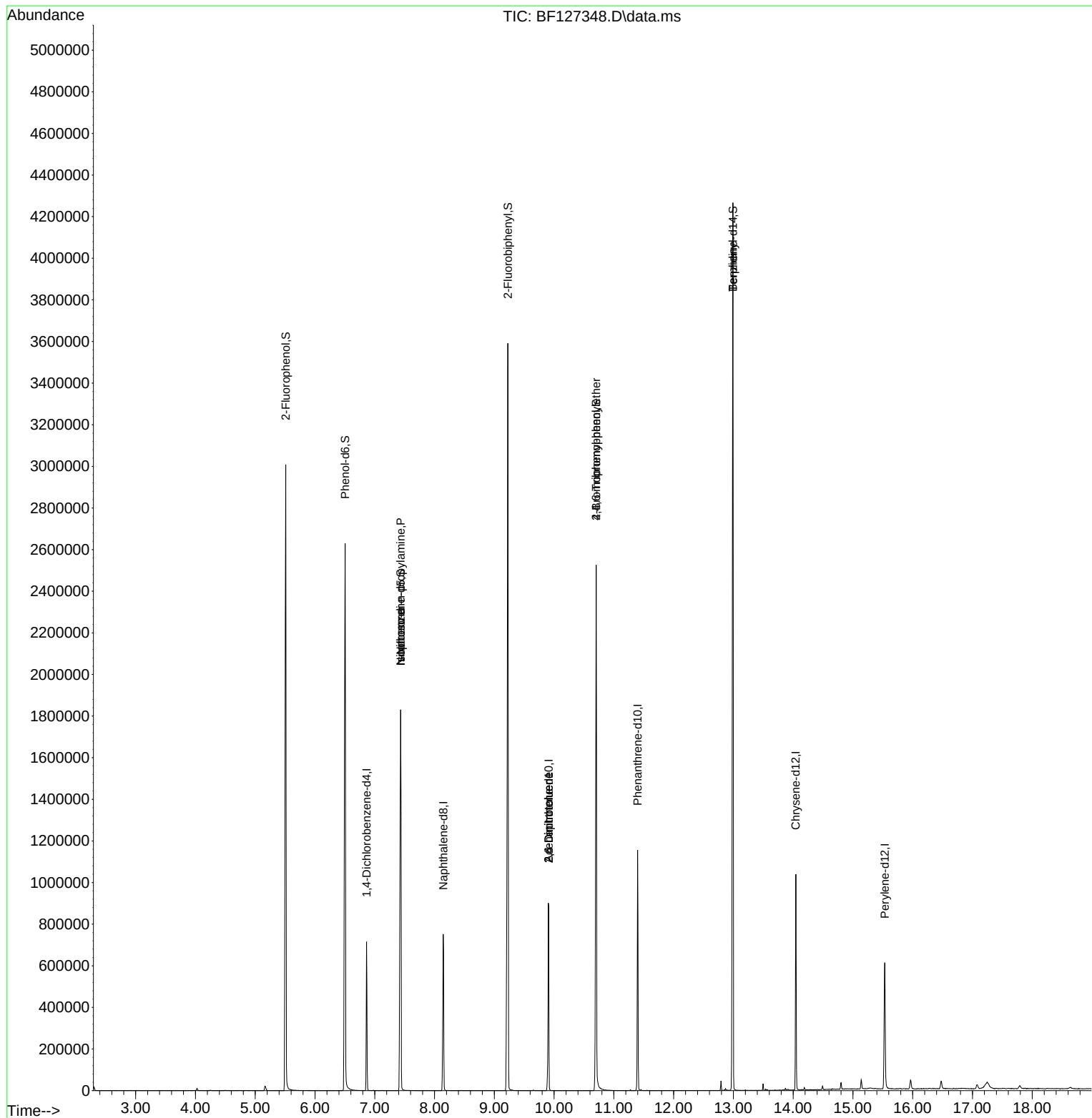
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	95316	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	366470	20.000	ng	#-0.01
39) Acenaphthene-d10	9.910	164	207837	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	409798	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	341512	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	282297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	749111	126.342	ng	0.02
7) Phenol-d6	6.504	99	1041280	127.662	ng	0.00
23) Nitrobenzene-d5	7.434	82	757675	85.384	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	341242	152.521	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1399689	95.213	ng	0.00
79) Terphenyl-d14	12.992	244	1727462	87.101	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1845	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	107848	21.188	ng	# 89
25) Isophorone	7.434	82	757664	53.099	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	26935	8.941	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	26935	6.796	ng	# 16
67) 4-Bromophenyl-phenylether	10.704	248	22883	4.632	ng	# 1
77) Benizidine	12.992	184	22665	2.610	ng	# 92

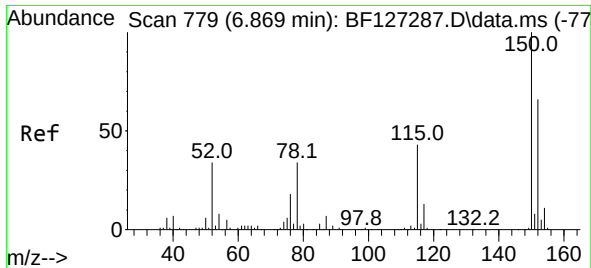
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
Data File : BF127348.D
Acq On : 16 Mar 2022 13:26
Operator : CG\JU
Sample : PB143388BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB143388BL

Quant Time: Mar 17 02:35:06 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

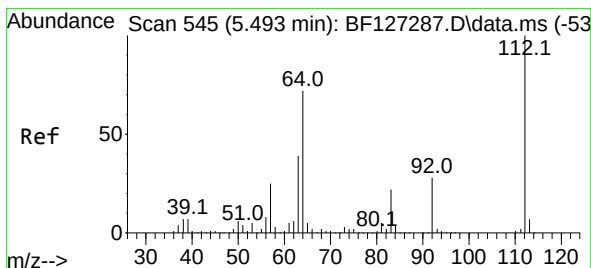
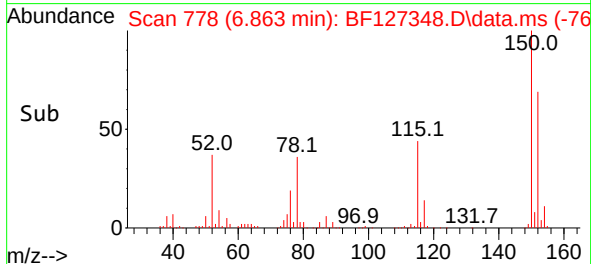
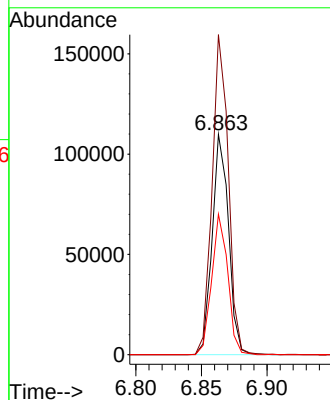
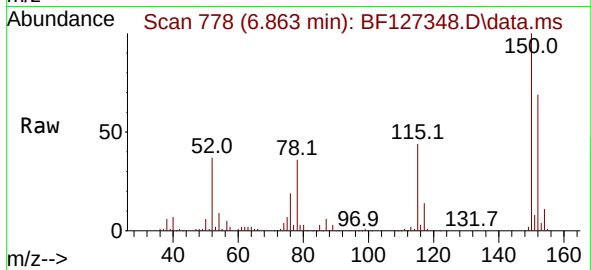




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

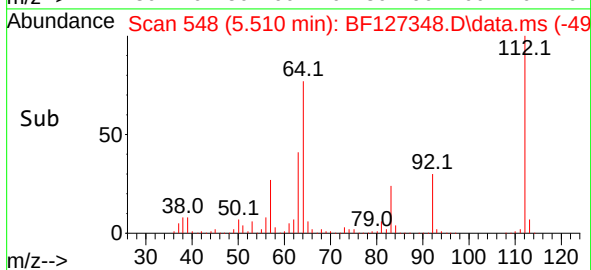
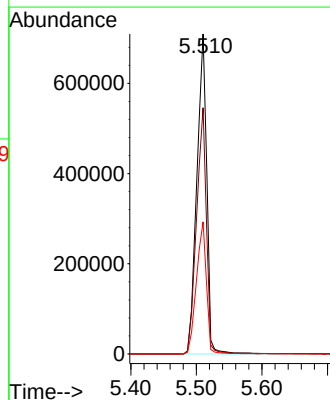
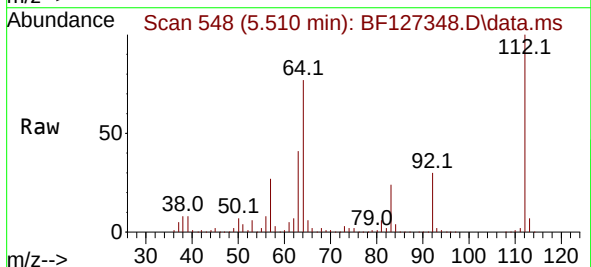
Instrument :
BNA_F
ClientSampleId :
PB143388BL

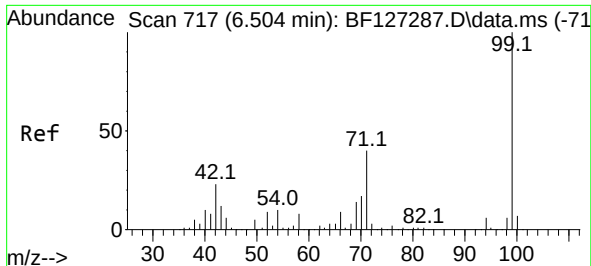
Tgt Ion:152 Resp: 95316
Ion Ratio Lower Upper
152 100
150 145.3 128.1 192.1
115 63.8 56.7 85.1



#5
2-Fluorophenol
Concen: 126.342 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.017 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

Tgt Ion:112 Resp: 749111
Ion Ratio Lower Upper
112 100
64 77.0 49.5 74.3#
63 41.3 23.9 35.9#





#7

Phenol-d6

Concen: 127.662 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127348.D

Acq: 16 Mar 2022 13:26

Instrument :

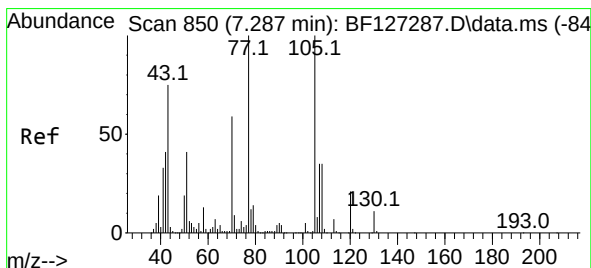
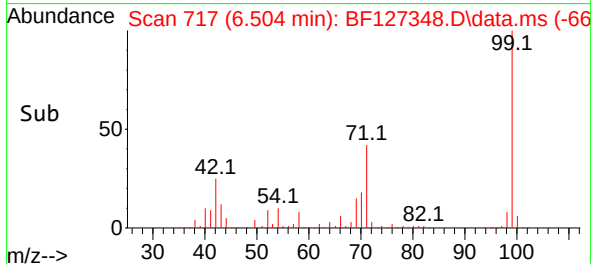
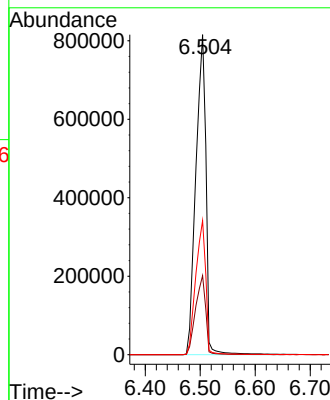
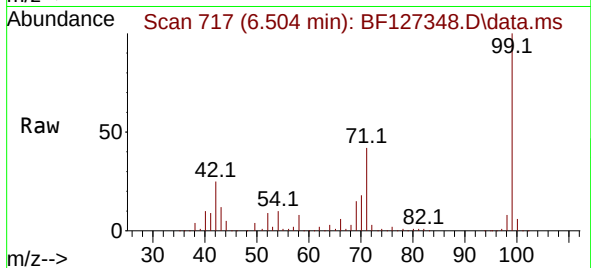
BNA_F

ClientSampleId :

PB143388BL

Tgt Ion: 99 Resp: 1041280

Ion	Ratio	Lower	Upper
99	100		
42	24.7	14.2	21.4#
71	41.9	24.3	36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 21.188 ng

RT: 7.434 min Scan# 875

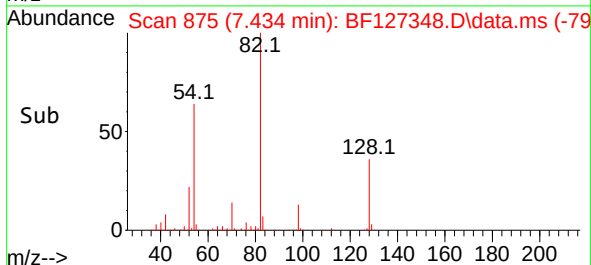
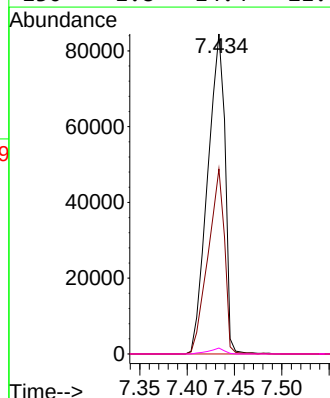
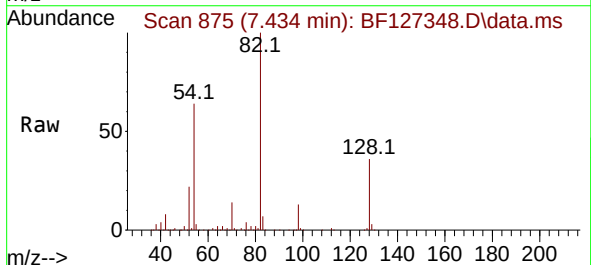
Delta R.T. 0.147 min

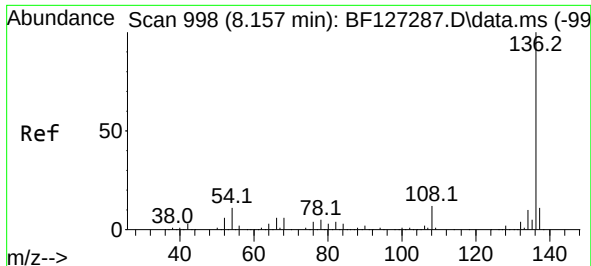
Lab File: BF127348.D

Acq: 16 Mar 2022 13:26

Tgt Ion: 70 Resp: 107848

Ion	Ratio	Lower	Upper
70	100		
42	57.8	45.8	68.8
101	0.0	6.9	10.3#
130	1.8	14.4	21.6#

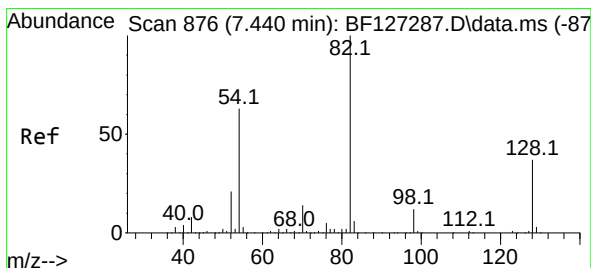
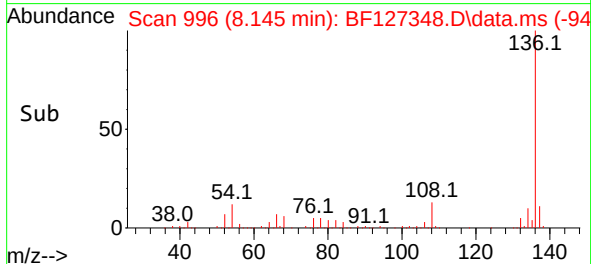
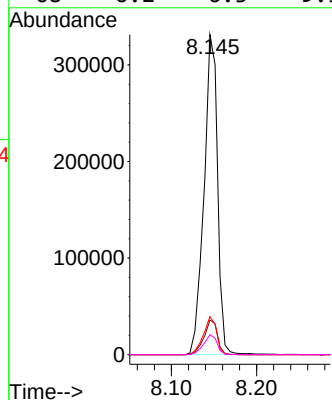
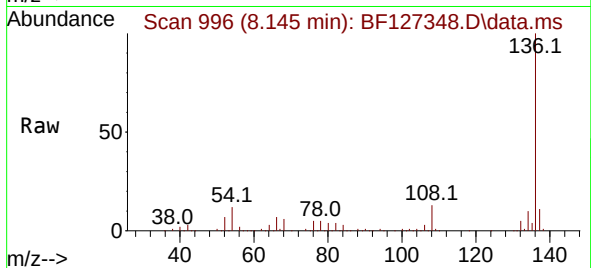




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

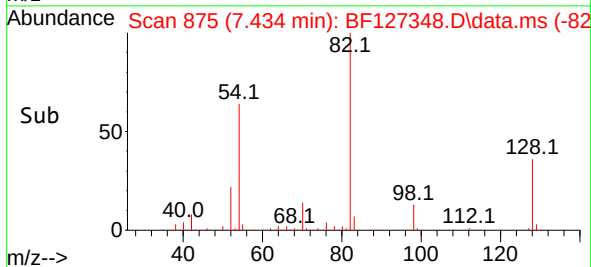
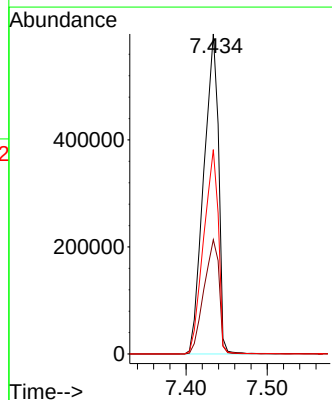
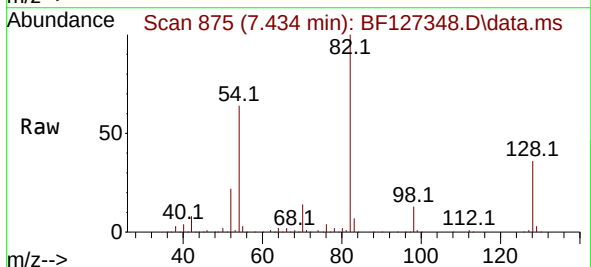
Instrument :
BNA_F
ClientSampleId :
PB143388BL

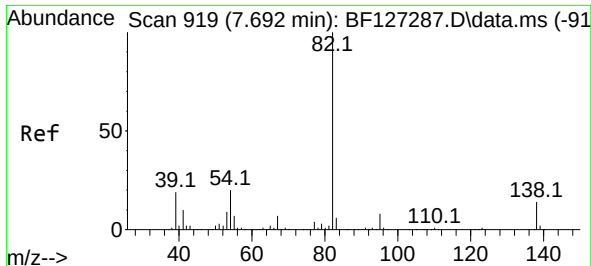
Tgt Ion:136 Resp: 366470
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.9 7.8 11.6#
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 85.384 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

Tgt Ion: 82 Resp: 757675
Ion Ratio Lower Upper
82 100
128 35.7 32.7 49.1
54 63.8 41.7 62.5#

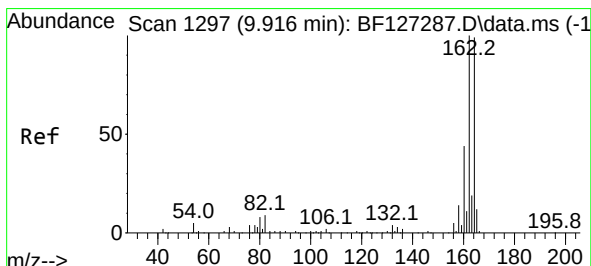
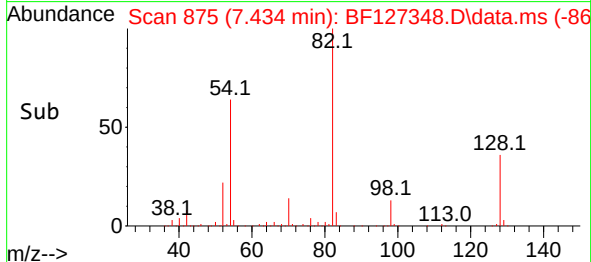
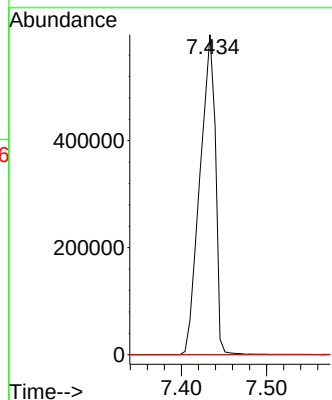
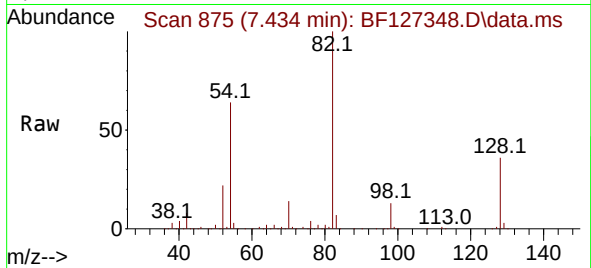




#25
Isophorone
Concen: 53.099 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

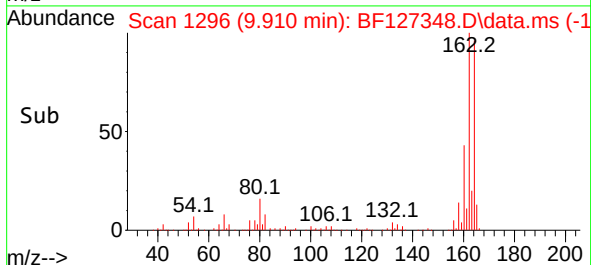
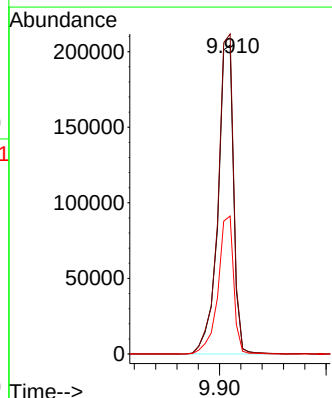
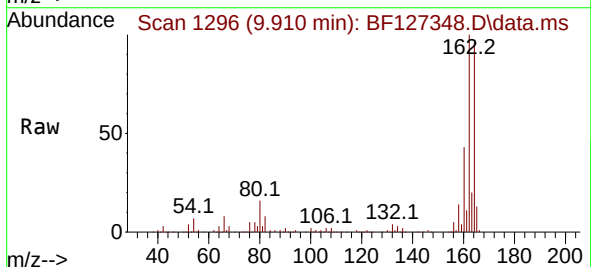
Instrument :
BNA_F
ClientSampleId :
PB143388BL

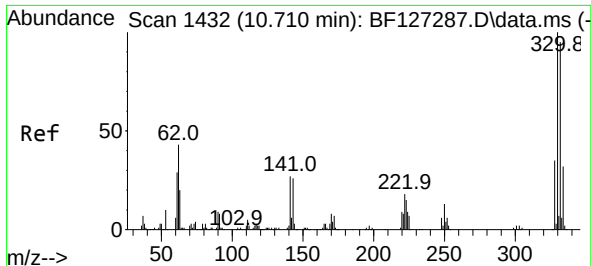
Tgt Ion: 82 Resp: 757664
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

Tgt Ion:164 Resp: 207837
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 152.521 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127348.D

Acq: 16 Mar 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB143388BL

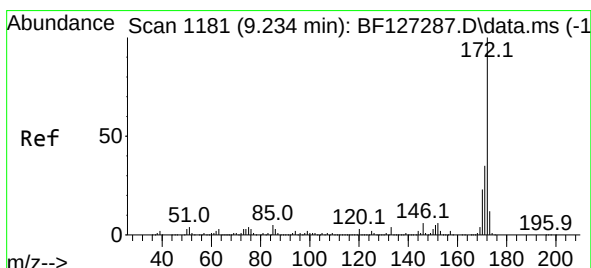
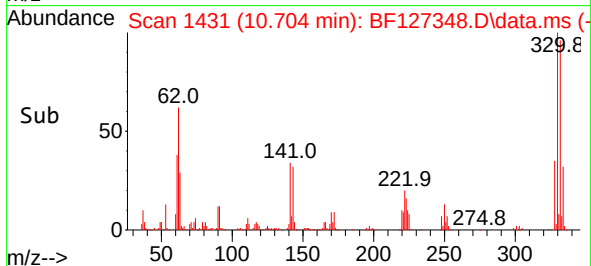
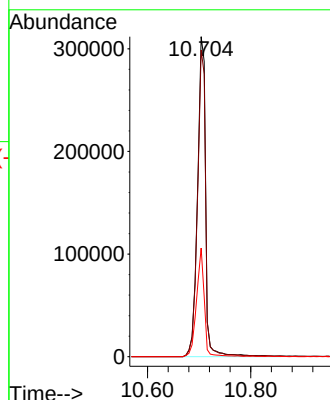
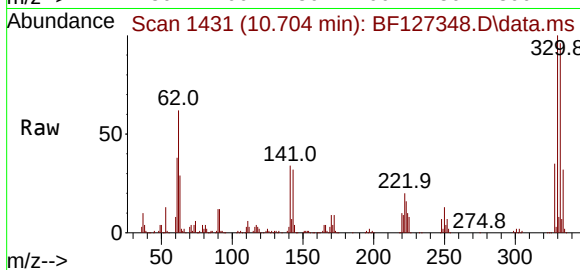
Tgt Ion:330 Resp: 341242

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 32.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 95.213 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127348.D

Acq: 16 Mar 2022 13:26

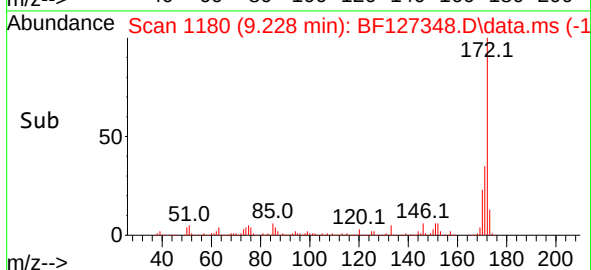
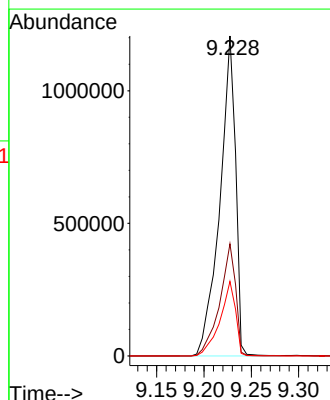
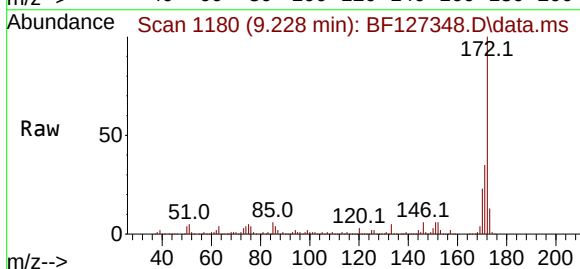
Tgt Ion:172 Resp: 1399689

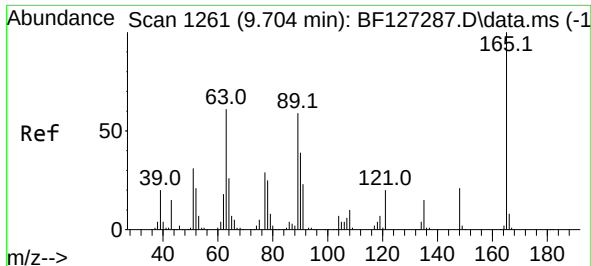
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 19.0 28.6

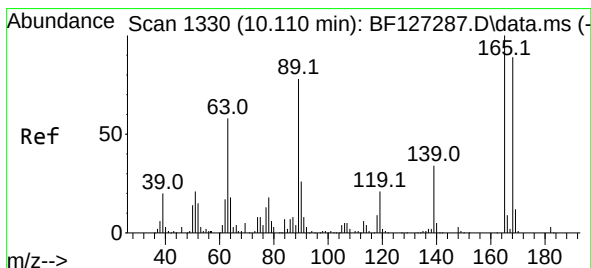
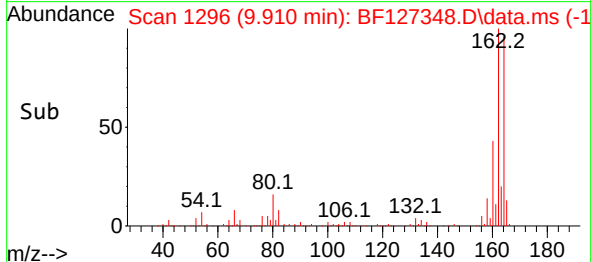
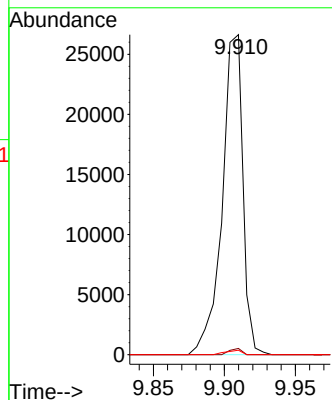
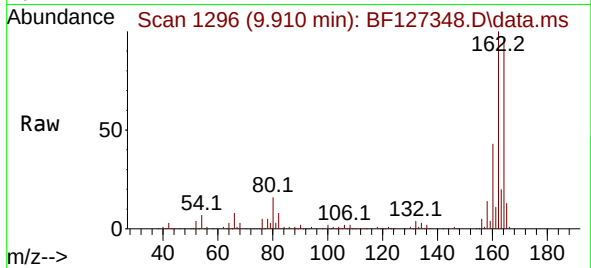




#51
2,6-Dinitrotoluene
Concen: 8.941 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

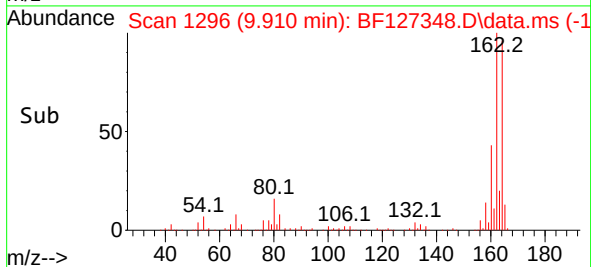
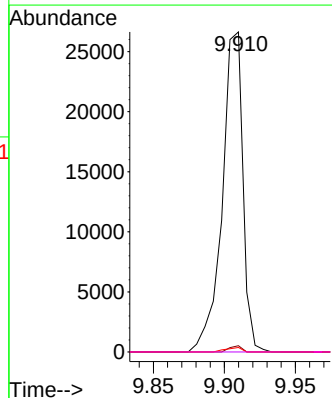
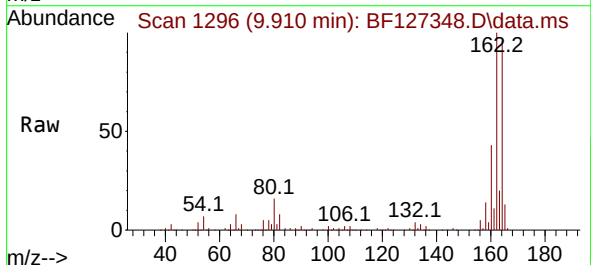
Instrument :
BNA_F
ClientSampleId :
PB143388BL

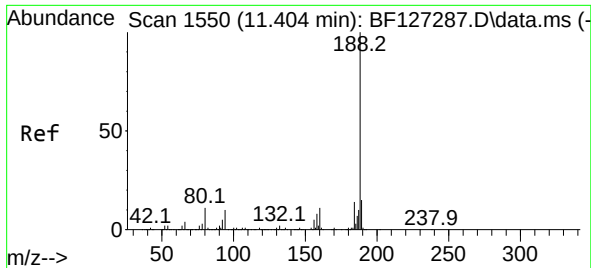
Tgt Ion:165 Resp: 26935
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.796 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

Tgt Ion:165 Resp: 26935
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#

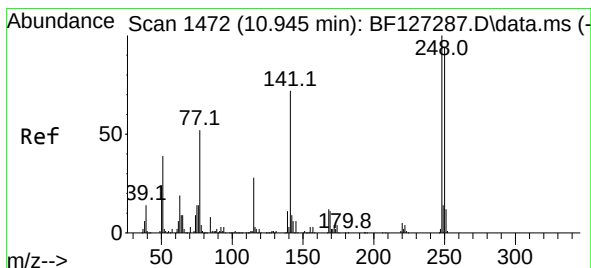
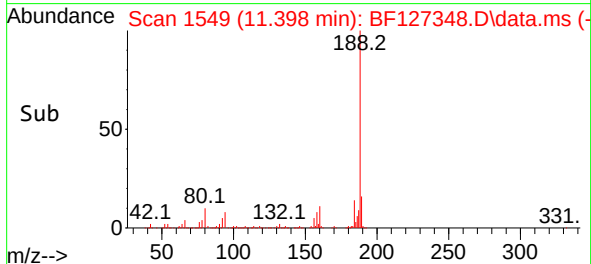
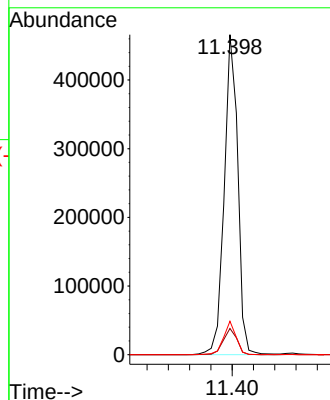
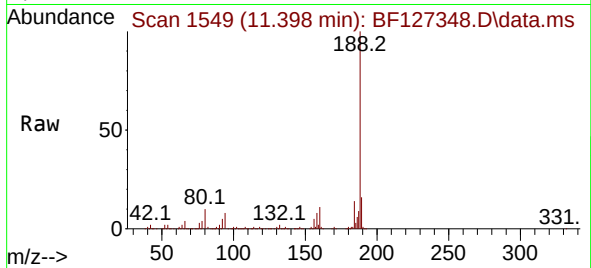




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

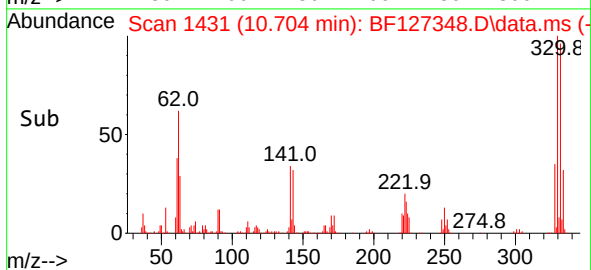
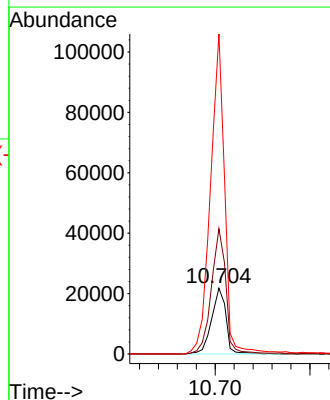
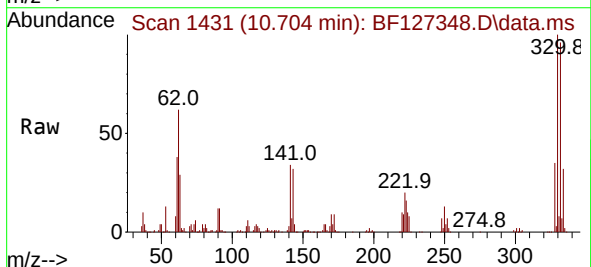
Instrument :
BNA_F
ClientSampleId :
PB143388BL

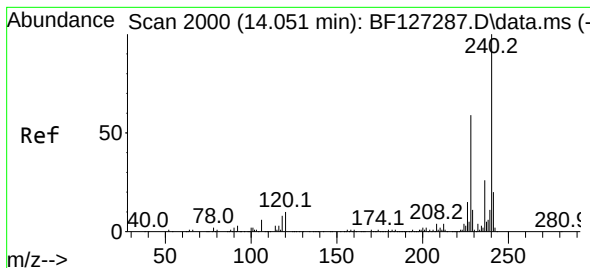
Tgt Ion:188 Resp: 409798
Ion Ratio Lower Upper
188 100
94 8.2 10.1 15.1#
80 10.5 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.632 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127348.D
Acq: 16 Mar 2022 13:26

Tgt Ion:248 Resp: 22883
Ion Ratio Lower Upper
248 100
250 190.5 76.2 114.4#
141 486.6 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: BF127348.D

Acq: 16 Mar 2022 13:26

Instrument :

BNA_F

ClientSampleId :

PB143388BL

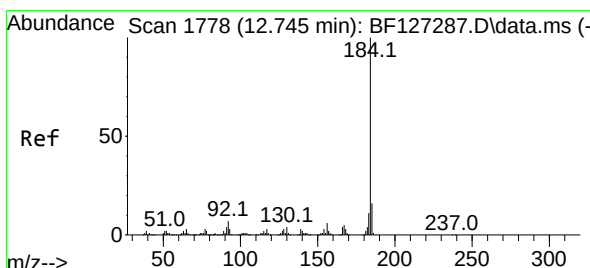
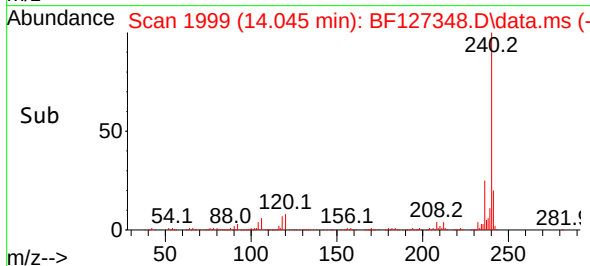
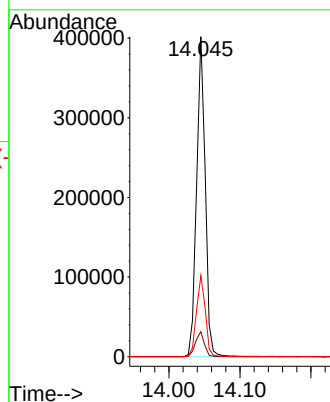
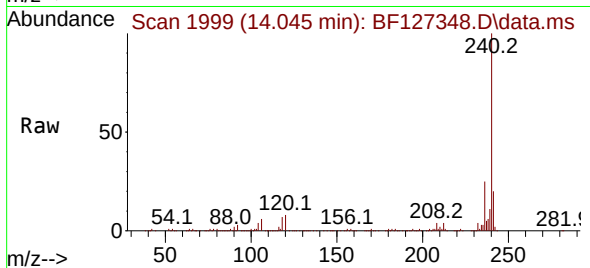
Tgt Ion:240 Resp: 341512

Ion Ratio Lower Upper

240 100

120 7.8 14.4 21.6#

236 25.3 20.5 30.7



#77

Benzdine

Concen: 2.610 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.247 min

Lab File: BF127348.D

Acq: 16 Mar 2022 13:26

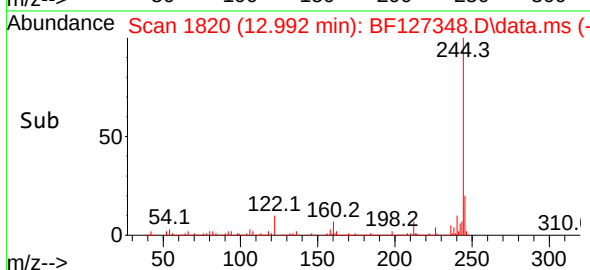
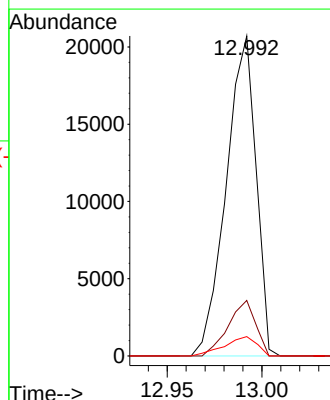
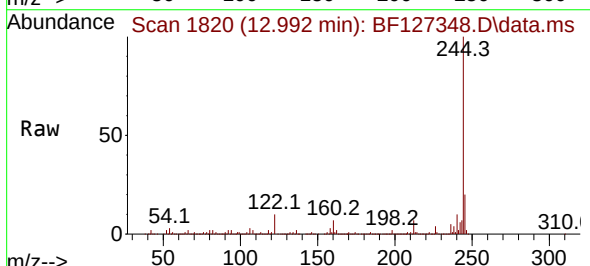
Tgt Ion:184 Resp: 22665

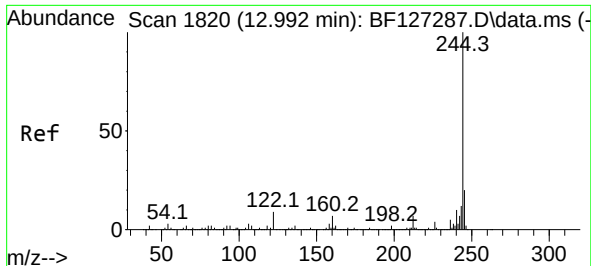
Ion Ratio Lower Upper

184 100

185 17.3 11.8 17.8

183 6.1 8.2 12.2#

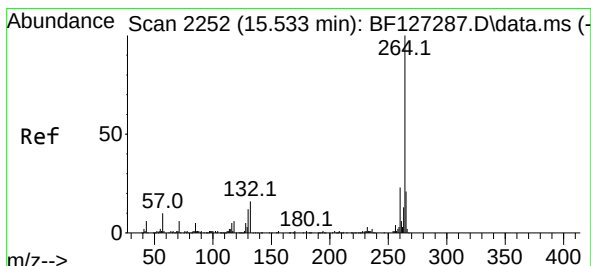
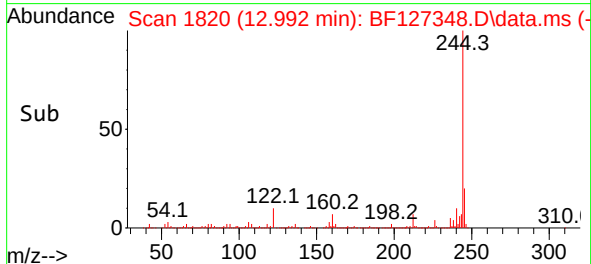
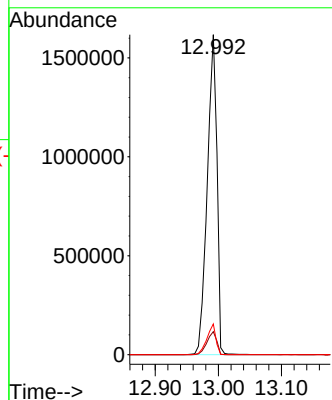
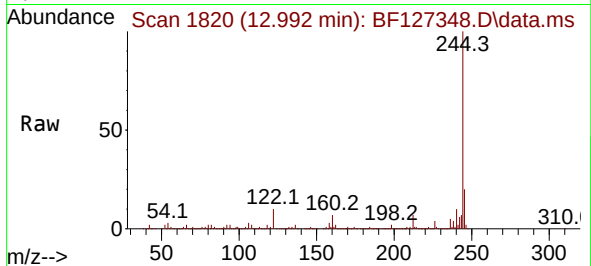




#79
 Terphenyl-d14
 Concen: 87.101 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF127348.D
 Acq: 16 Mar 2022 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB143388BL

Tgt Ion:244 Resp: 1727462
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 9.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127348.D
 Acq: 16 Mar 2022 13:26

Tgt Ion:264 Resp: 282297
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.7 17.4 26.2

