

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127570.D
 Acq On : 29 Mar 2022 17:28
 Operator : CG\JU
 Sample : N2140-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHC

Quant Time: Mar 30 08:32:04 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 29 07:13:31 2022
 Response via : Initial Calibration

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

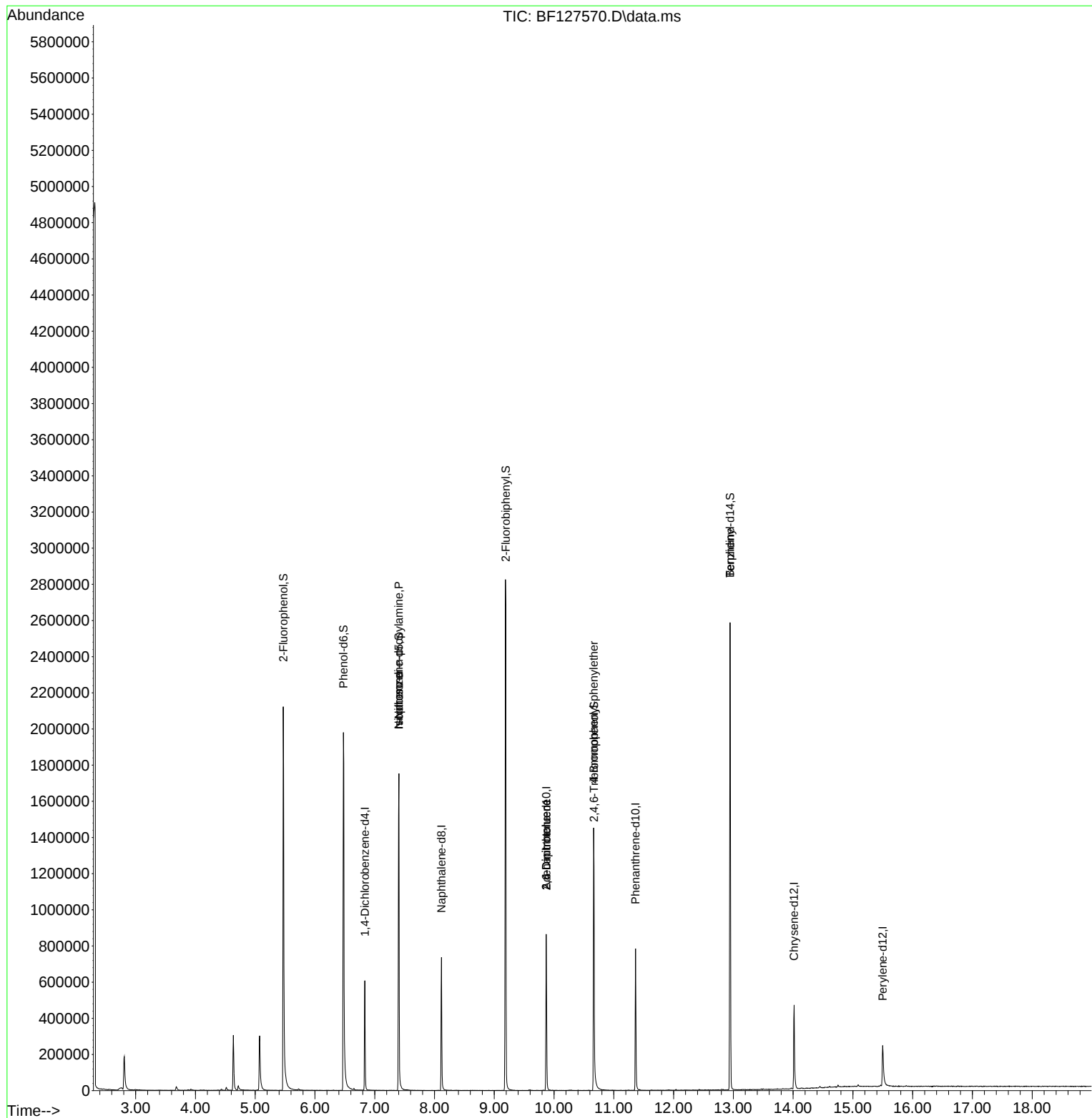
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	83575	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	300478	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	170437	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	280666	20.000	ng	0.00
76) Chrysene-d12	14.016	240	189448	20.000	ng	0.00
86) Perylene-d12	15.498	264	136311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	589289	112.550	ng	0.01
7) Phenol-d6	6.475	99	732011	102.280	ng	0.00
23) Nitrobenzene-d5	7.404	82	569751	81.052	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	185721	102.292	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	960954	82.330	ng	0.00
79) Terphenyl-d14	12.945	244	892264	77.101	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1253	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	75778	17.664	ng	# 80
25) Isophorone	7.404	82	569746	50.889	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	21173	8.507	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	21173	6.609	ng	# 14
58) Fluorene	10.663	166	7293	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.663	248	12574	3.837	ng	# 1
77) Benzidine	12.945	184	11178	2.475	ng	# 93

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 30 08:32:04 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 29 07:13:31 2022
Response via : Initial Calibration

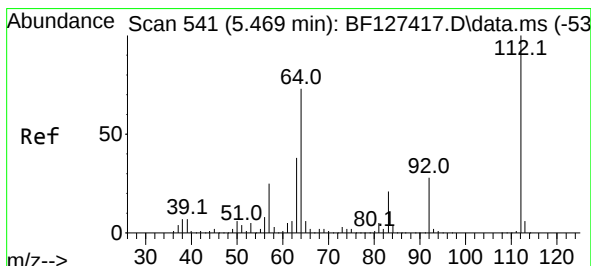
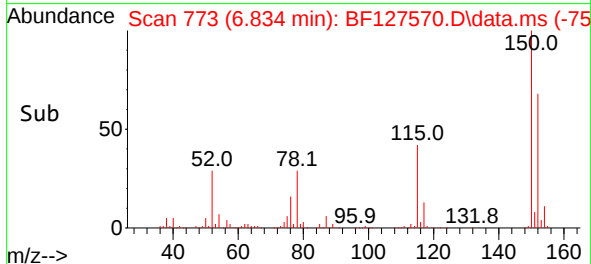
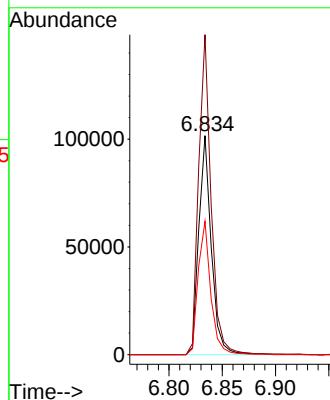
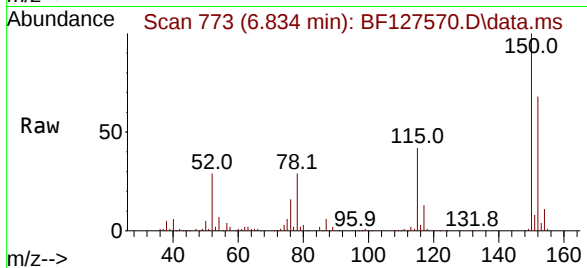




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127570.D
 Acq: 29 Mar 2022 17:28

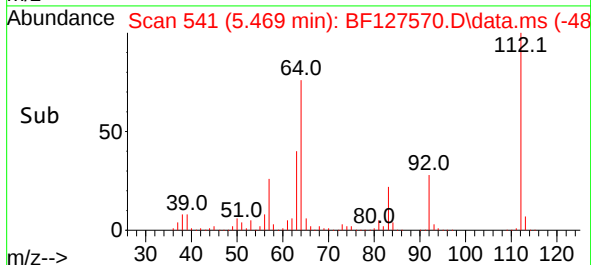
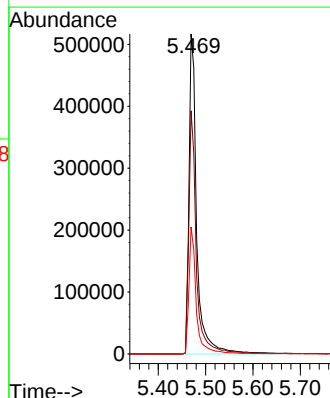
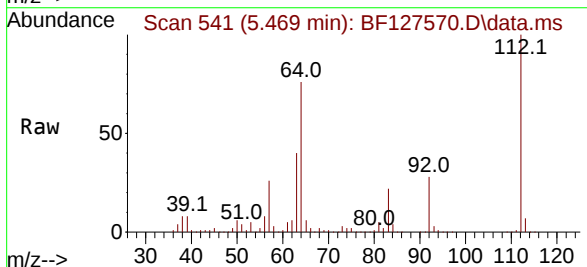
Instrument :
 BNA_F
 ClientSampleId :
 MHC

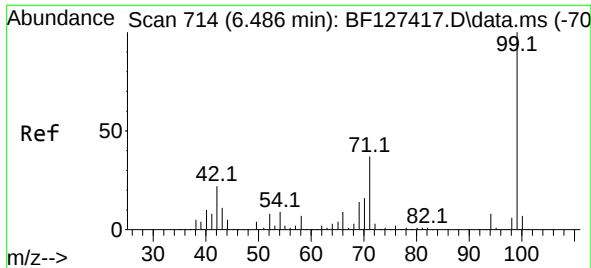
Tgt Ion:152 Resp: 83575
 Ion Ratio Lower Upper
 152 100
 150 146.0 117.2 175.8
 115 60.9 49.8 74.6



#5
 2-Fluorophenol
 Concen: 112.550 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.012 min
 Lab File: BF127570.D
 Acq: 29 Mar 2022 17:28

Tgt Ion:112 Resp: 589289
 Ion Ratio Lower Upper
 112 100
 64 76.0 58.4 87.6
 63 39.6 30.1 45.1

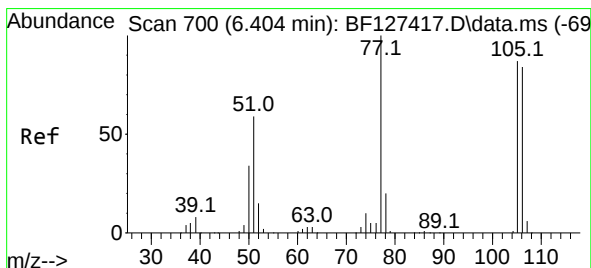
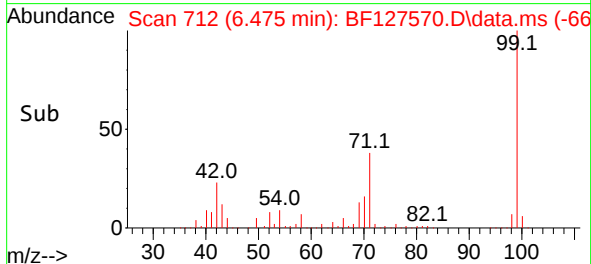
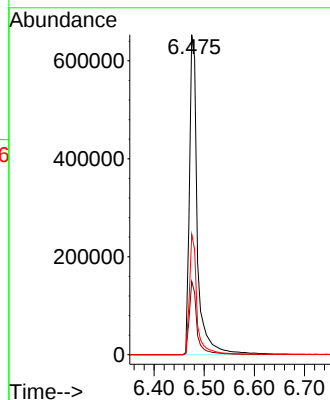
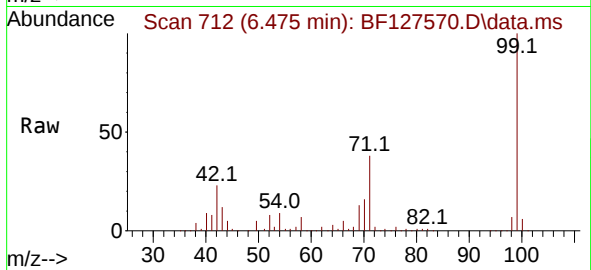




#7
Phenol-d6
Concen: 102.280 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

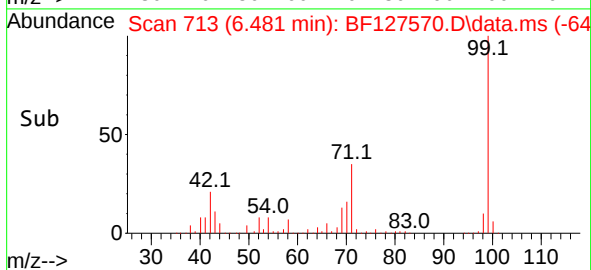
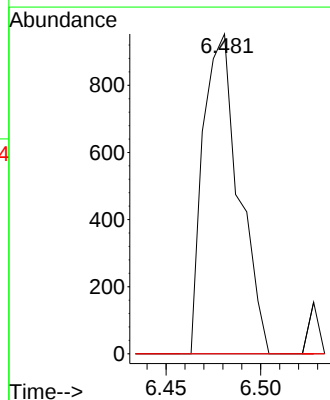
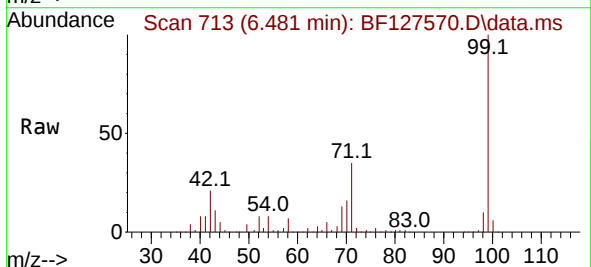
Instrument :
BNA_F
ClientSampleId :
MHC

Tgt Ion: 99 Resp: 732011
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 37.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

Tgt Ion: 77 Resp: 1253
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

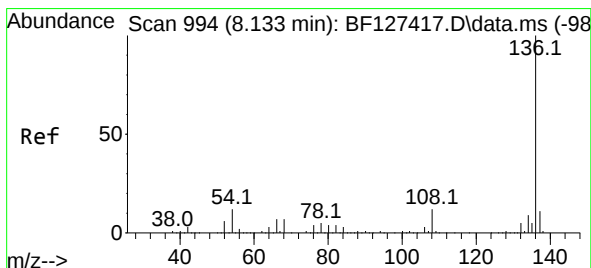
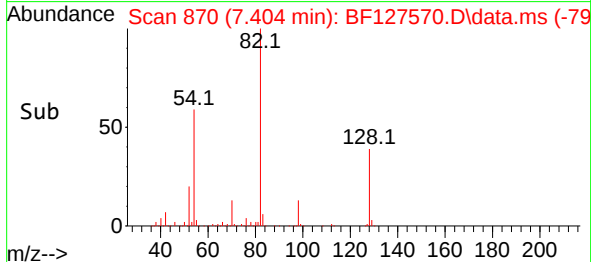
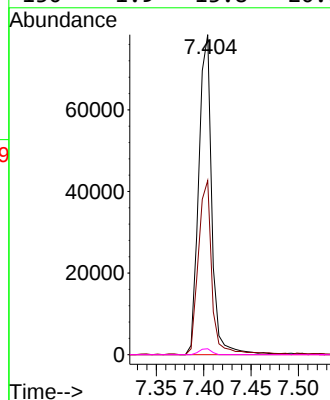
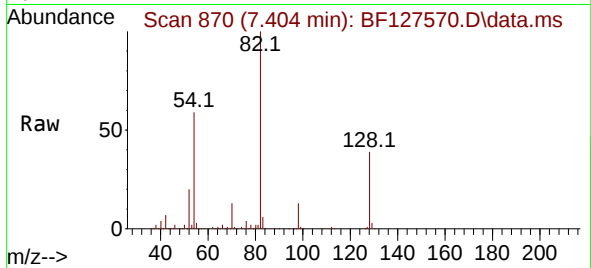




#19
n-Nitroso-di-n-propylamine
Concen: 17.664 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

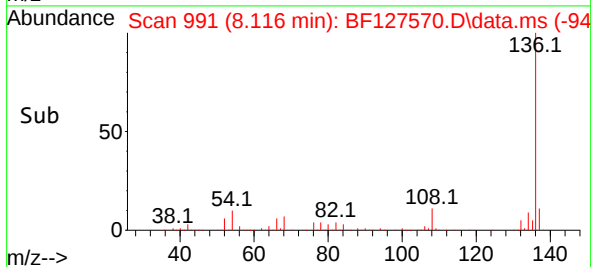
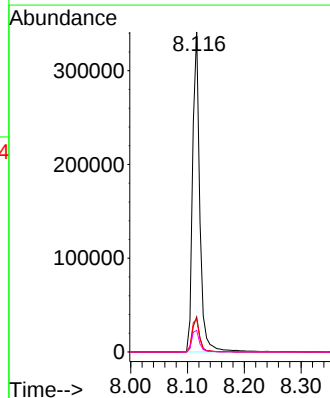
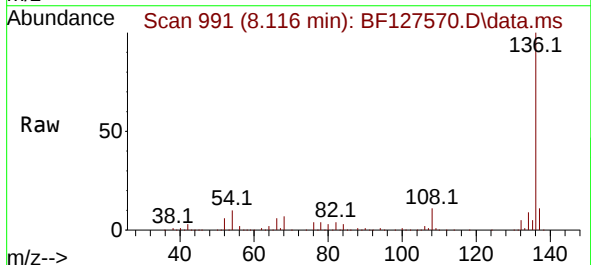
Instrument :
BNA_F
ClientSampleId :
MHC

Tgt Ion: 70 Resp: 75778
Ion Ratio Lower Upper
70 100
42 54.4 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: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

Tgt Ion:136 Resp: 300478
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 9.2 13.8
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 81.052 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127570.D

Acq: 29 Mar 2022 17:28

Instrument :

BNA_F

ClientSampleId :

MHC

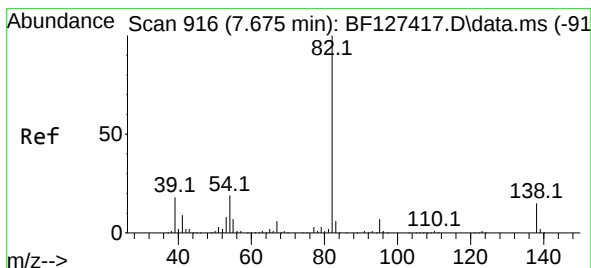
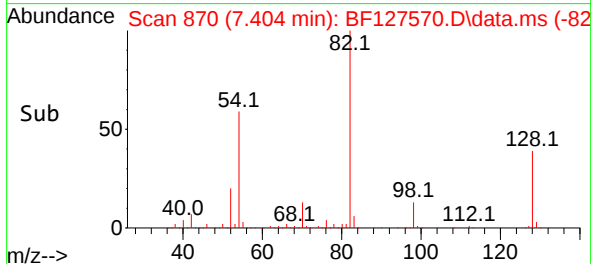
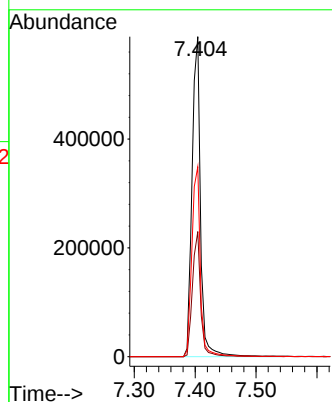
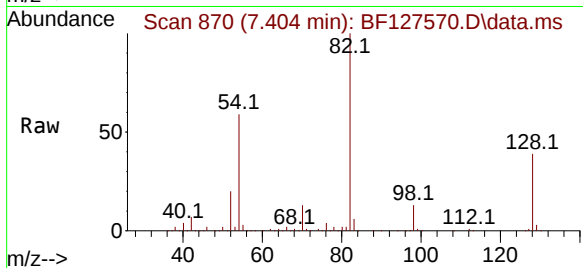
Tgt Ion: 82 Resp: 569751

Ion Ratio Lower Upper

82 100

128 39.1 30.6 45.8

54 59.4 48.2 72.2



#25

Isophorone

Concen: 50.889 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127570.D

Acq: 29 Mar 2022 17:28

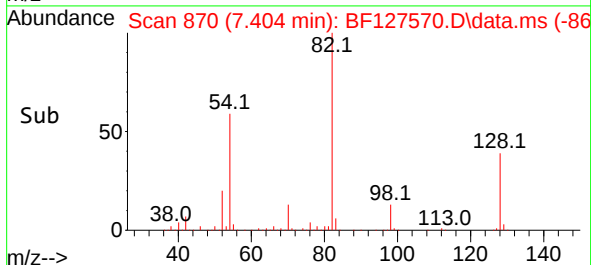
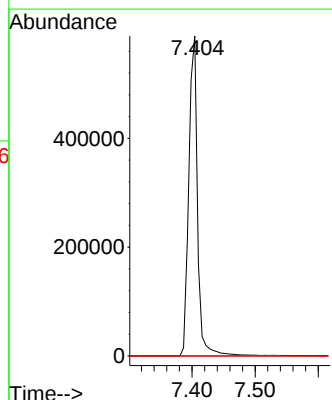
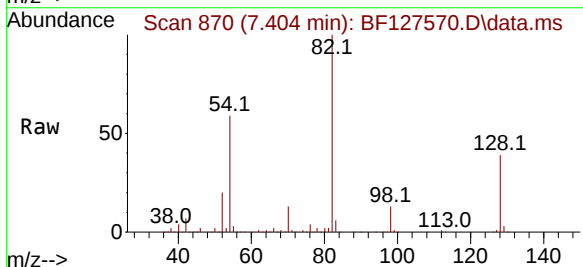
Tgt Ion: 82 Resp: 569746

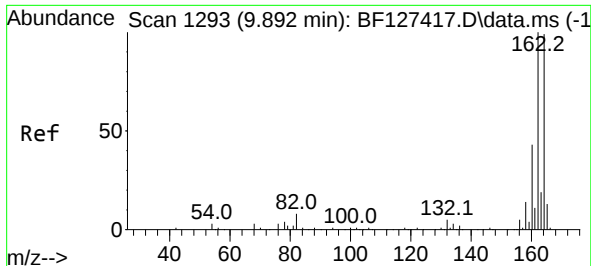
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127570.D

Acq: 29 Mar 2022 17:28

Instrument :

BNA_F

ClientSampleId :

MHC

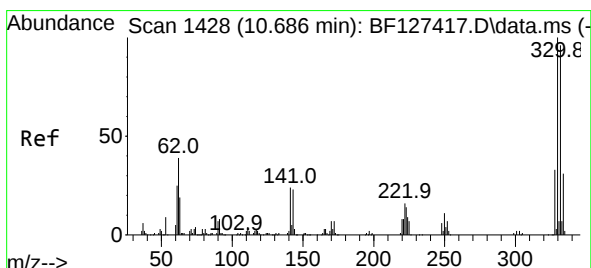
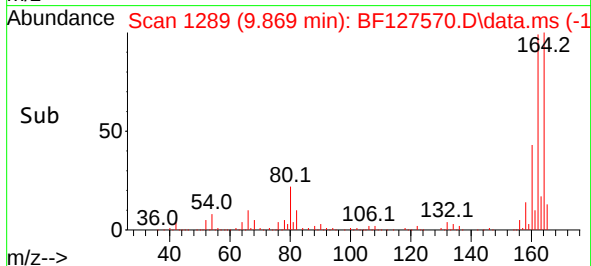
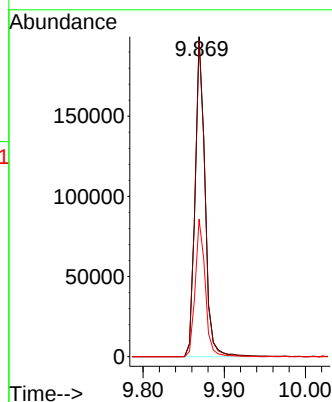
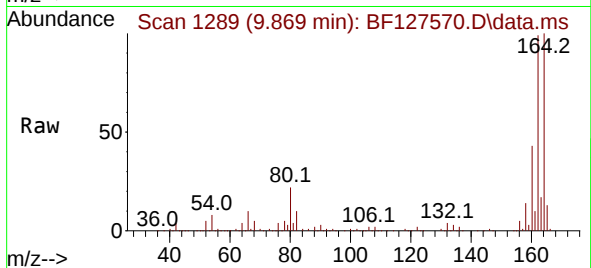
Tgt Ion:164 Resp: 170437

Ion Ratio Lower Upper

164 100

162 98.7 81.2 121.8

160 43.0 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 102.292 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127570.D

Acq: 29 Mar 2022 17:28

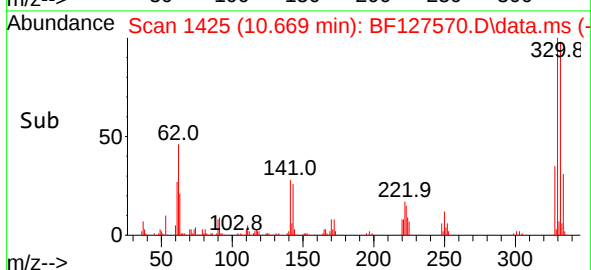
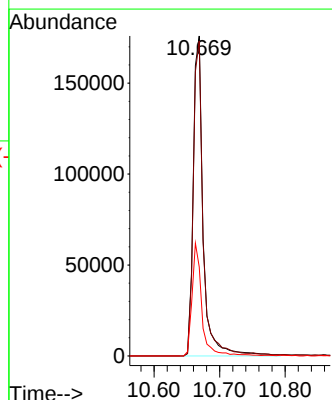
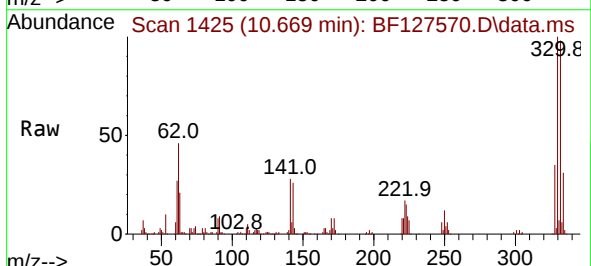
Tgt Ion:330 Resp: 185721

Ion Ratio Lower Upper

330 100

332 98.6 79.1 118.7

141 34.6 26.2 39.4

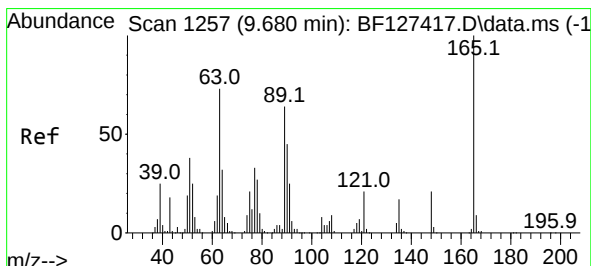
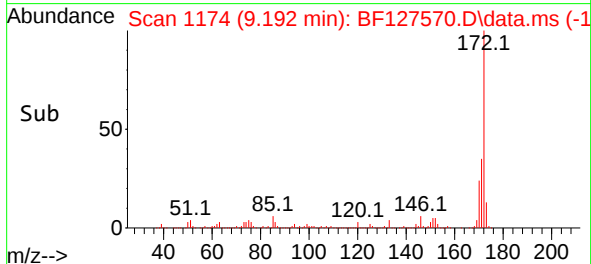
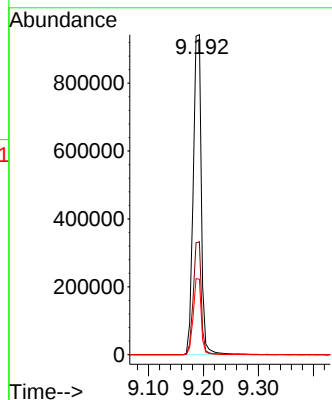
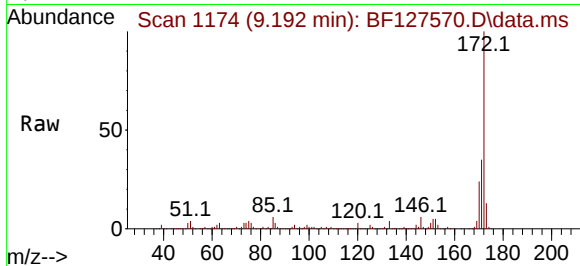




#45
2-Fluorobiphenyl
Concen: 82.330 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

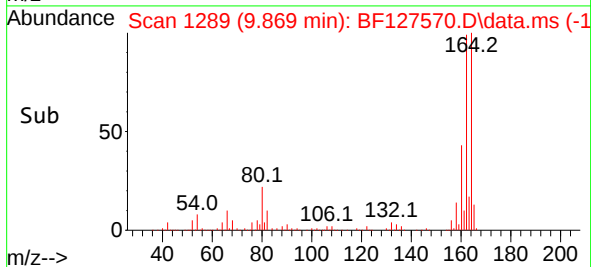
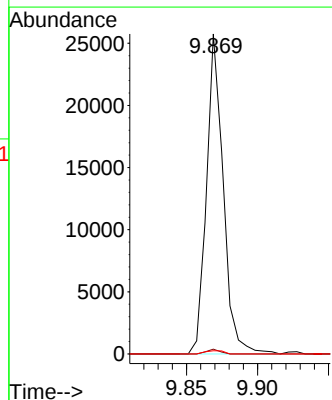
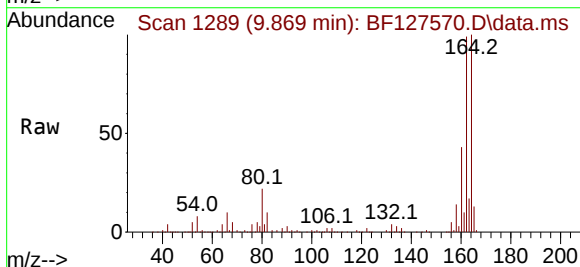
Instrument :
BNA_F
ClientSampleId :
MHC

Tgt Ion:172 Resp: 960954
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.507 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

Tgt Ion:165 Resp: 21173
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.0 51.5 77.3#

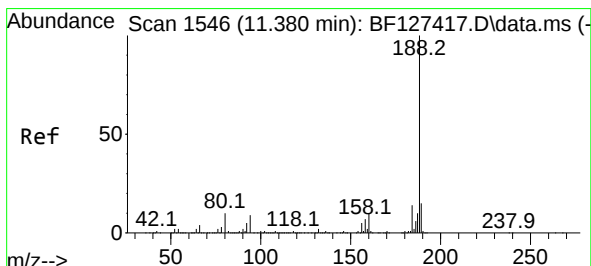
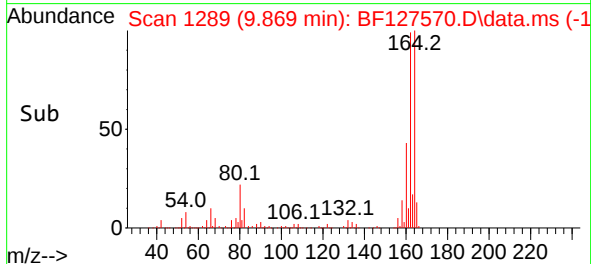
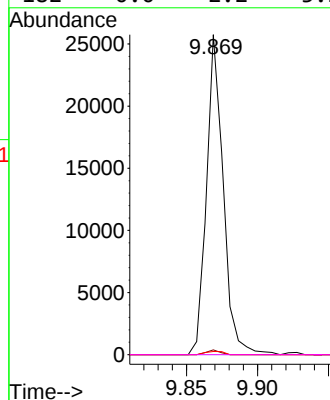
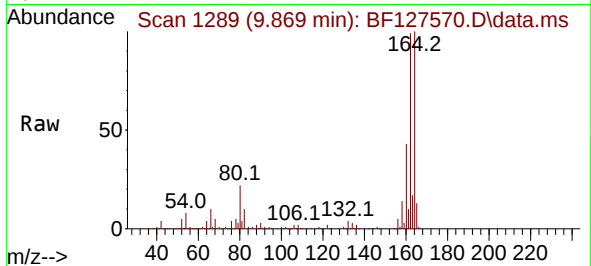




#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

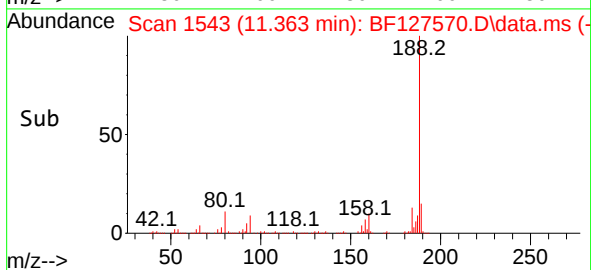
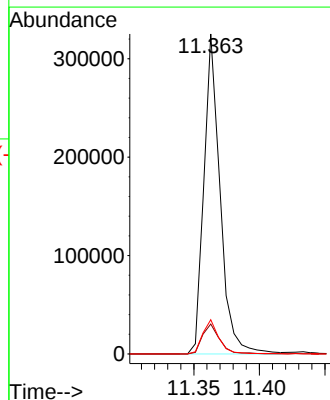
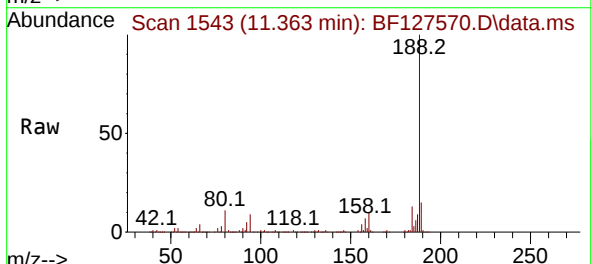
Instrument :
BNA_F
ClientSampleId :
MHC

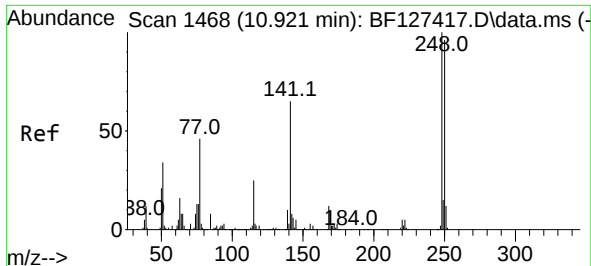
Tgt Ion:165 Resp: 21173
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

Tgt Ion:188 Resp: 280666
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.7 8.0 12.0

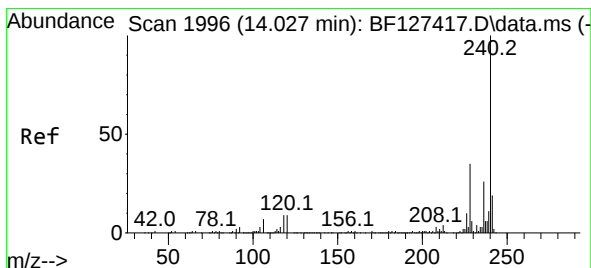
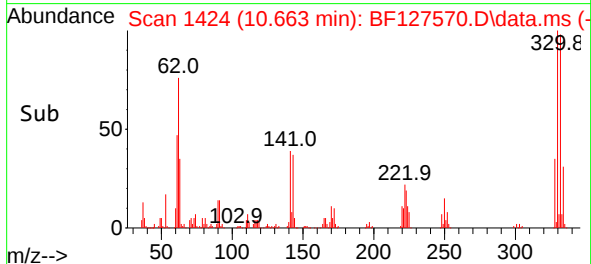
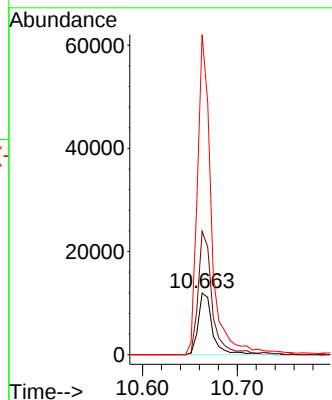
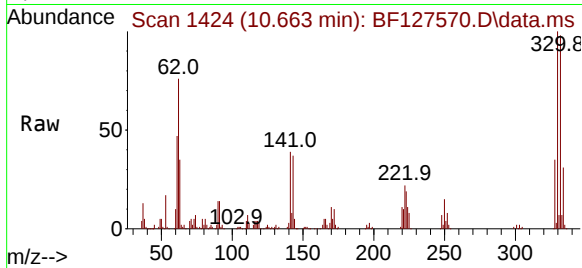




#67
4-Bromophenyl-phenylether
Concen: 3.837 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

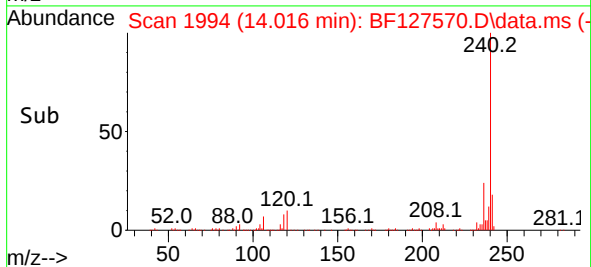
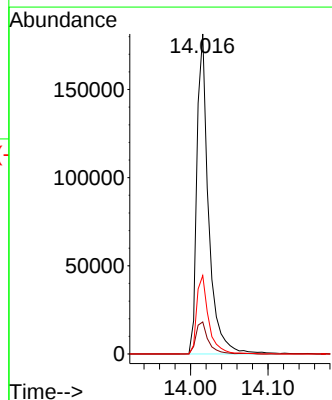
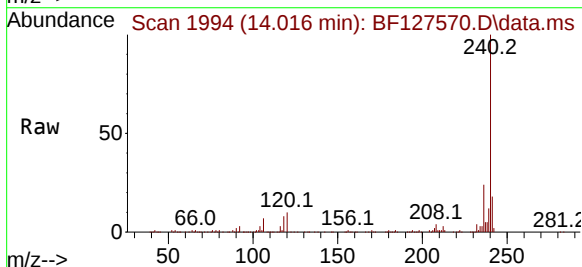
Instrument :
BNA_F
ClientSampleId :
MHC

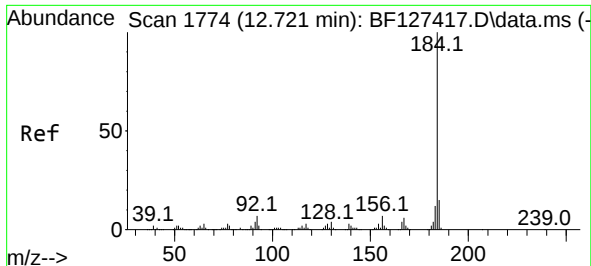
Tgt Ion:248 Resp: 12574
Ion Ratio Lower Upper
248 100
250 200.5 76.6 115.0#
141 520.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

Tgt Ion:240 Resp: 189448
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 24.5 20.7 31.1

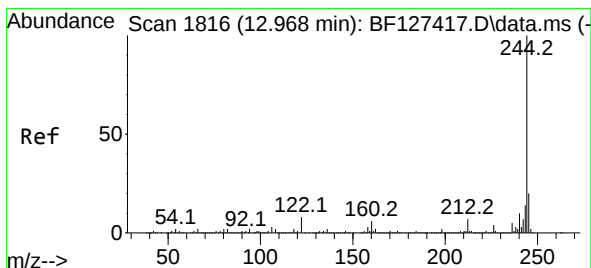
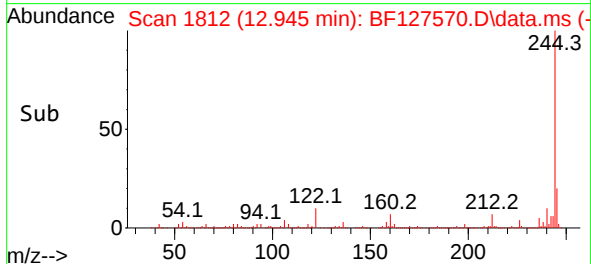
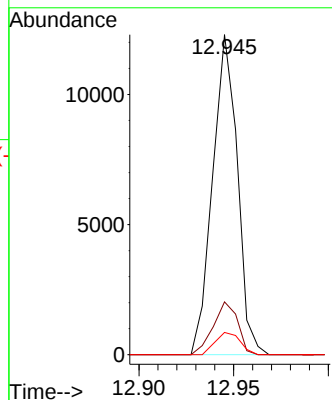
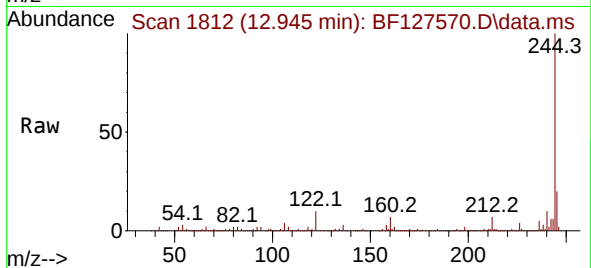




#77
Benzidine
Concen: 2.475 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.236 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

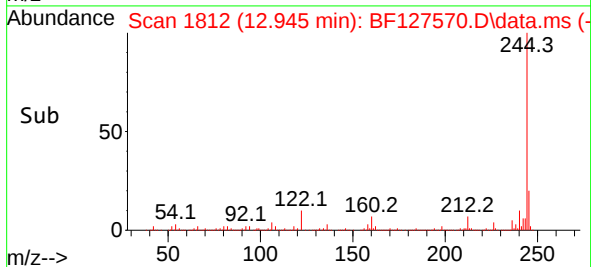
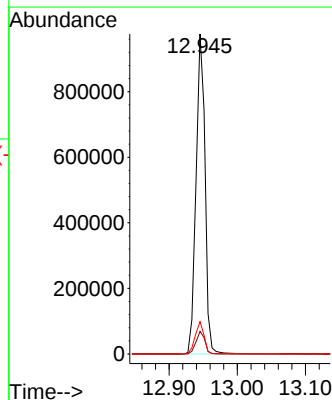
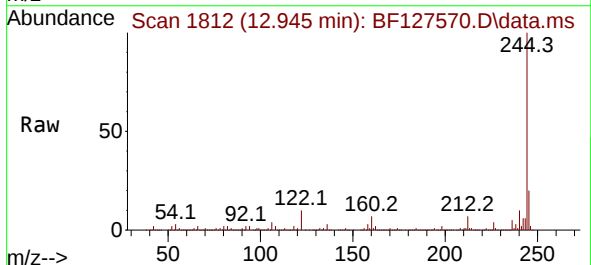
Instrument :
BNA_F
ClientSampleId :
MHC

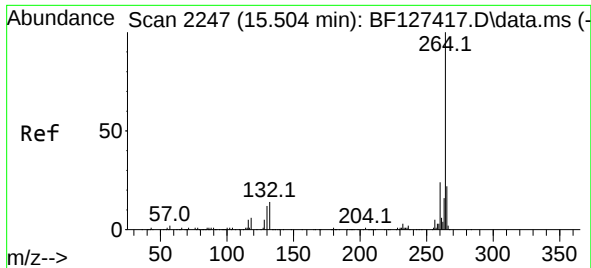
Tgt Ion:184 Resp: 11178
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 77.101 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

Tgt Ion:244 Resp: 892264
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.1 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127570.D
Acq: 29 Mar 2022 17:28

Instrument :
BNA_F
ClientSampleId :
MHC

Tgt Ion:264 Resp: 136311
Ion Ratio Lower Upper
264 100
260 25.3 19.1 28.7
265 20.6 17.4 26.2

