

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128313.D
 Acq On : 18 May 2022 16:00
 Operator : CG\JU
 Sample : N2776-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-280MER-9-5

Quant Time: May 18 16:51:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

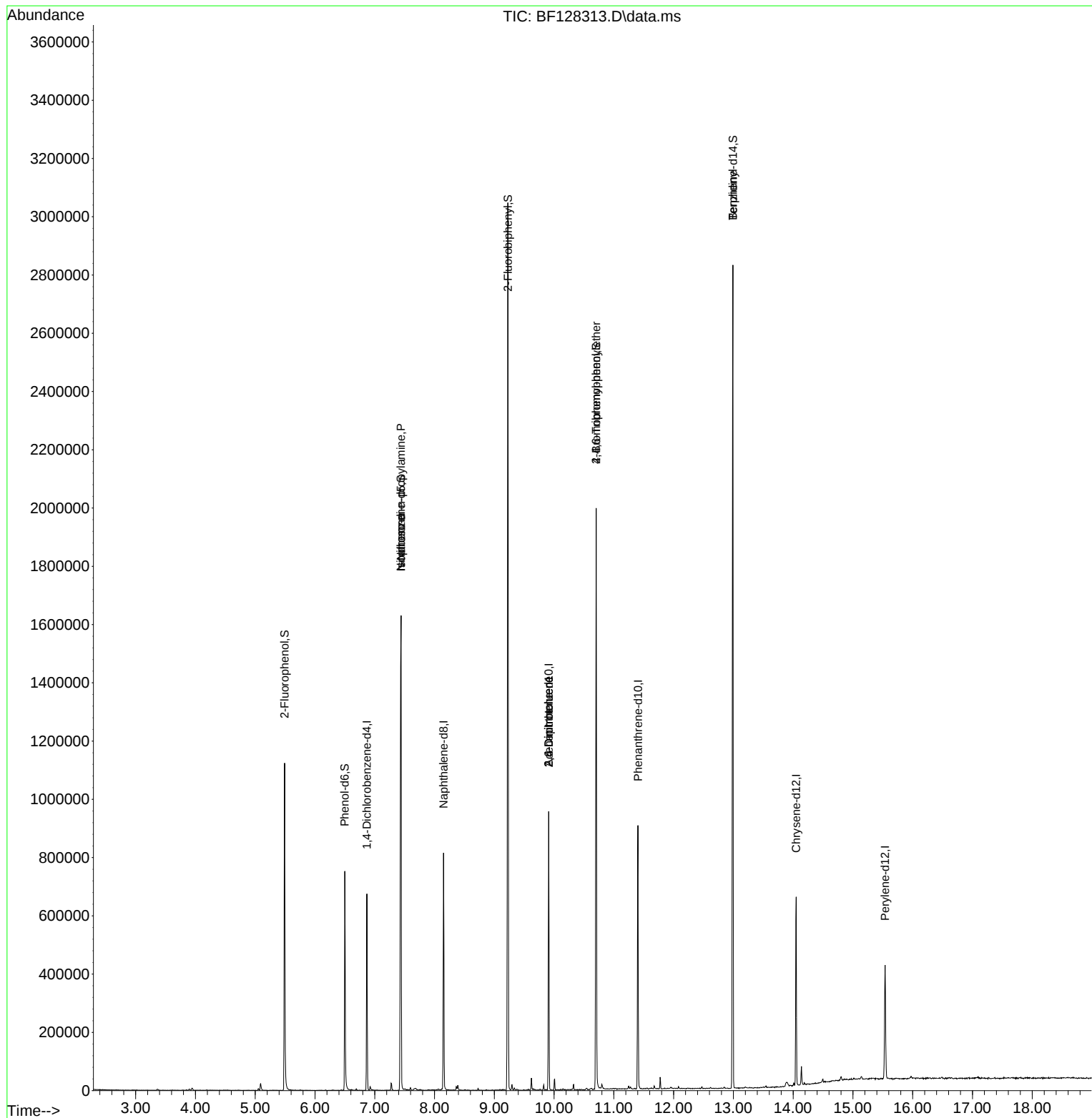
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82345	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	325164	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	180414	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	312922	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	215729	20.000	ng	-0.01
86) Perylene-d12	15.539	264	173817	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	271385	52.538	ng	0.00
7) Phenol-d6	6.498	99	217544	31.841	ng	-0.02
23) Nitrobenzene-d5	7.439	82	575591	79.651	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	214419	103.628	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	907910	78.741	ng	-0.01
79) Terphenyl-d14	12.992	244	952598	82.857	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	390	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.439	70	79406	18.873	ng	# 79
25) Isophorone	7.439	82	575587	50.805	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	23117	9.052	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	23117	6.769	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	13630	4.049	ng	# 1
77) Benizidine	12.992	184	15079	3.227	ng	# 95

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

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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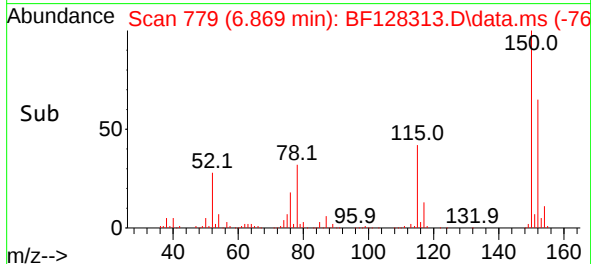
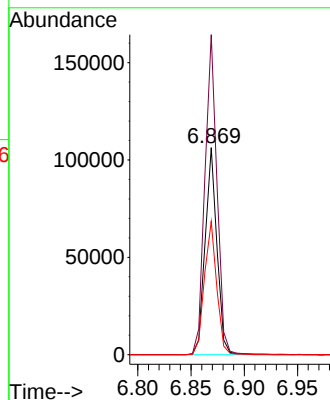
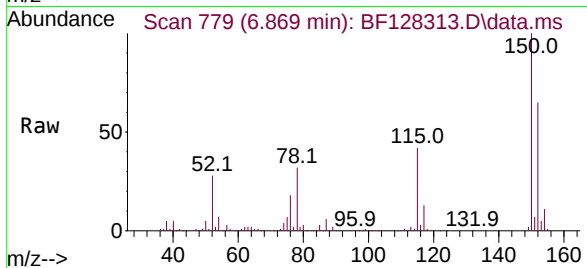




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

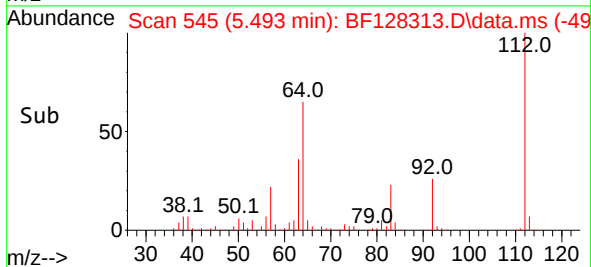
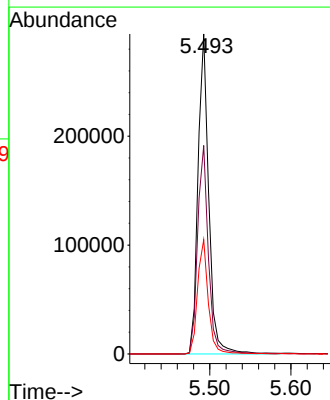
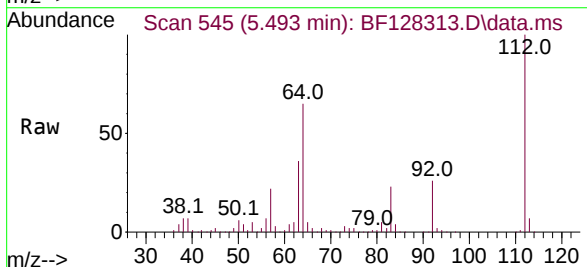
Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

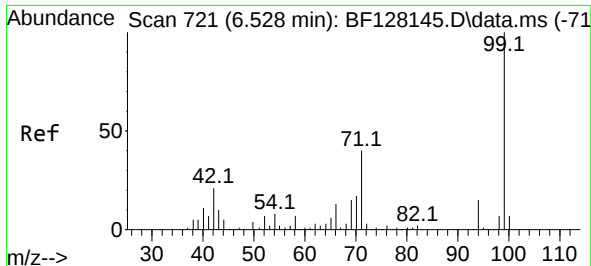
Tgt Ion:152 Resp: 82345
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 64.4 48.8 73.2



#5
2-Fluorophenol
Concen: 52.538 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Tgt Ion:112 Resp: 271385
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 35.7 26.3 39.5

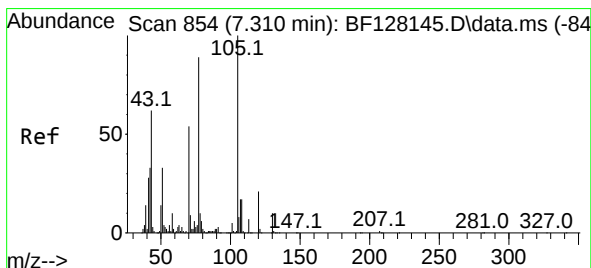
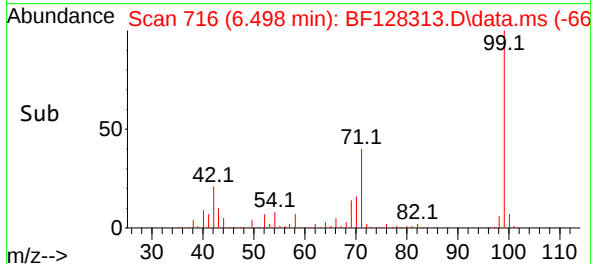
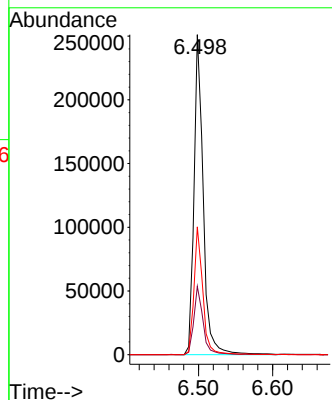
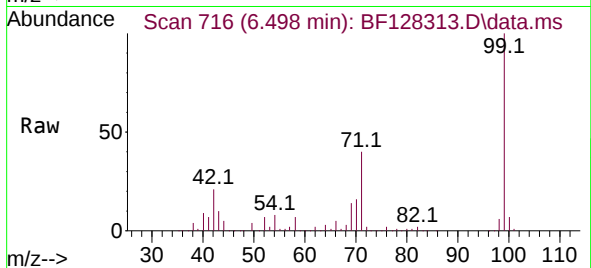




#7
Phenol-d6
Concen: 31.841 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

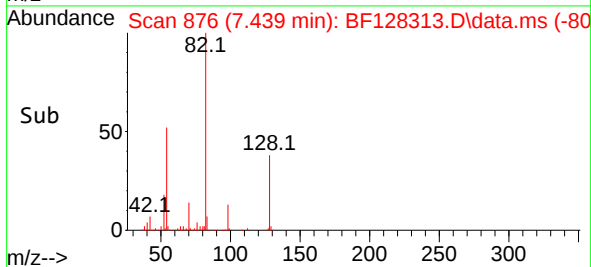
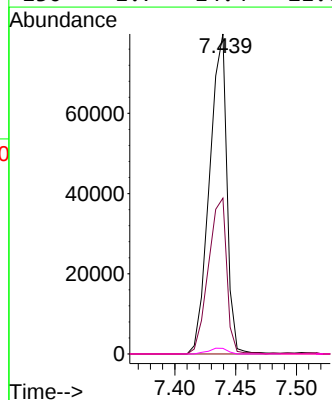
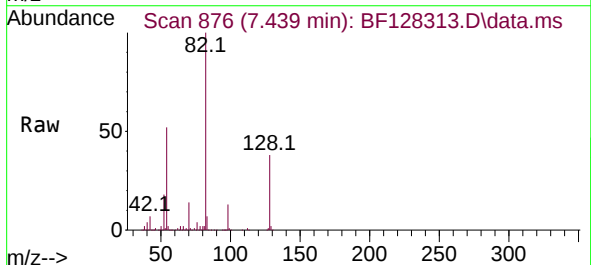
Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

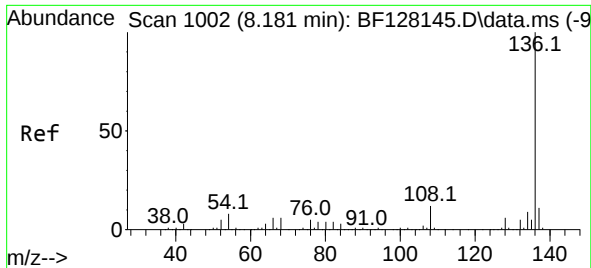
Tgt Ion: 99 Resp: 217544
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 39.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.873 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Tgt Ion: 70 Resp: 79406
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



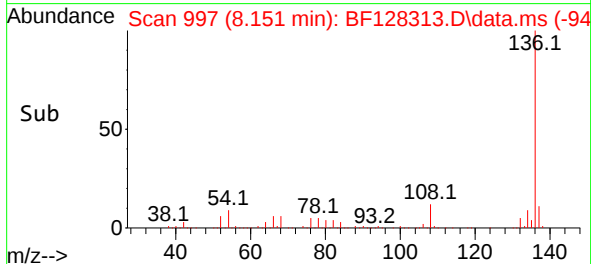
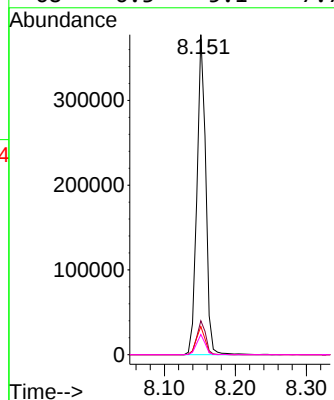
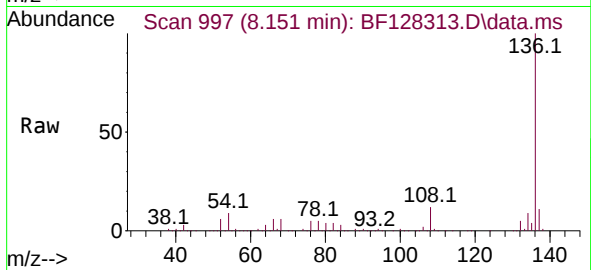


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

Tgt Ion:136 Resp: 325164

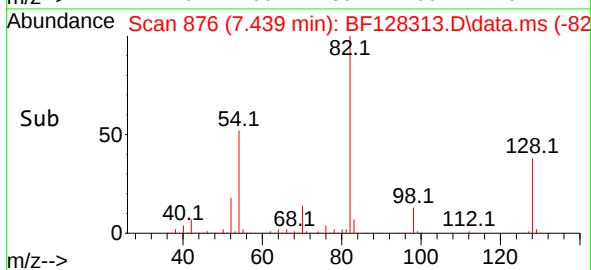
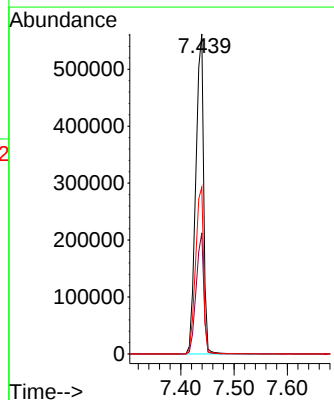
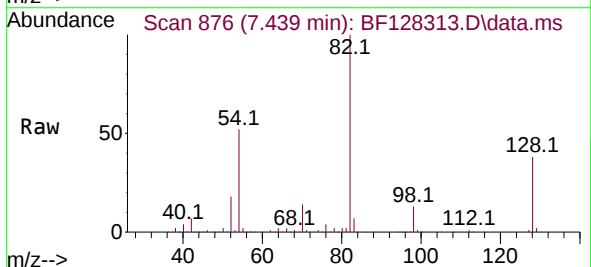
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.8	6.8	10.2
68	6.3	5.1	7.7

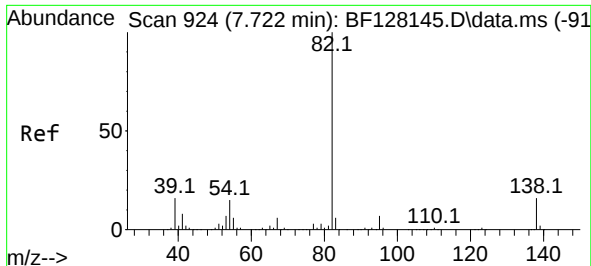


#23
Nitrobenzene-d5
Concen: 79.651 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Tgt Ion: 82 Resp: 575591

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	52.1	41.3	61.9

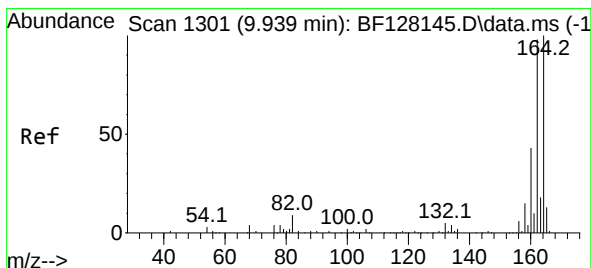
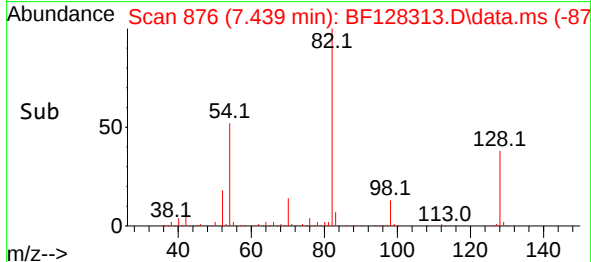
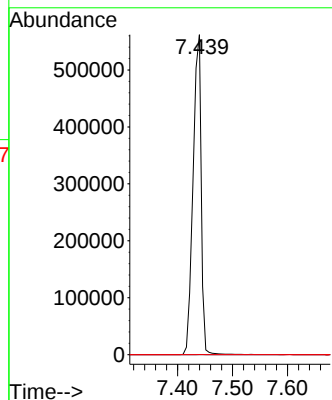
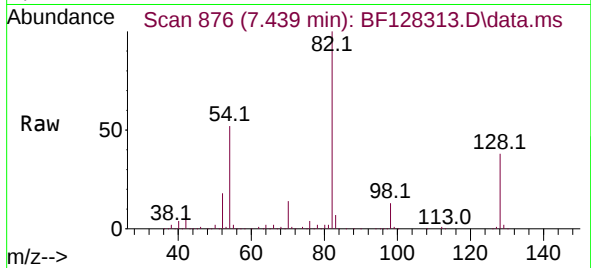




#25
Isophorone
Concen: 50.805 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

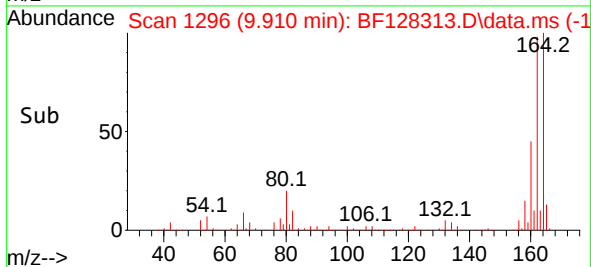
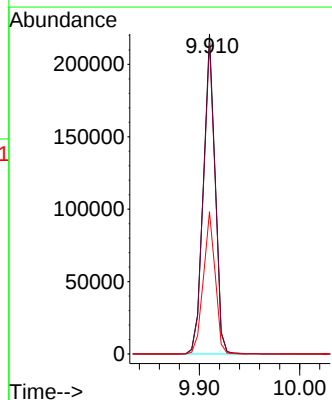
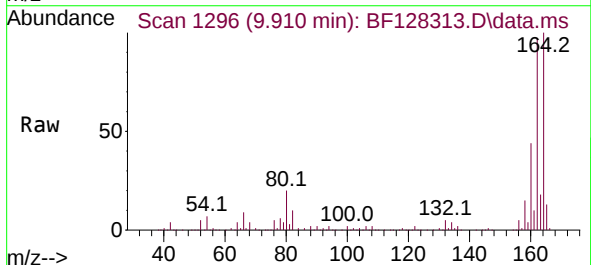
Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

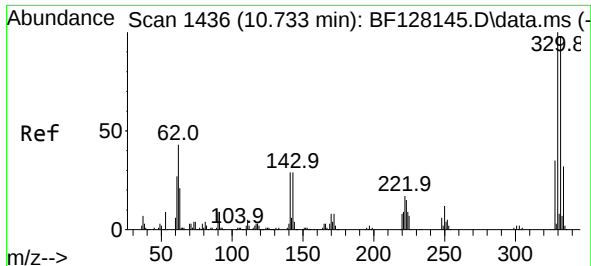
Tgt Ion: 82 Resp: 575587
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Tgt Ion:164 Resp: 180414
Ion Ratio Lower Upper
164 100
162 97.5 76.0 114.0
160 44.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 103.628 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128313.D

Acq: 18 May 2022 16:00

Instrument :

BNA_F

ClientSampleId :

CF-280MER-9-5

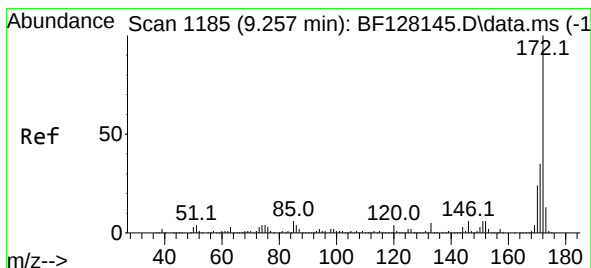
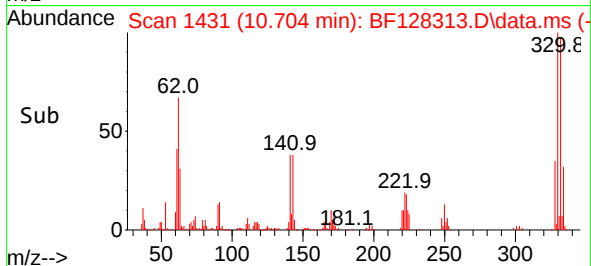
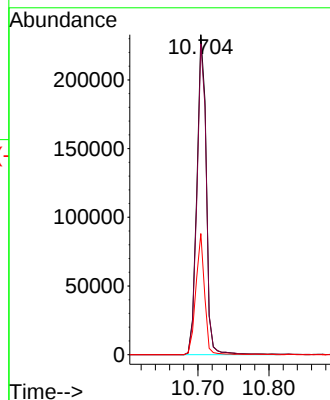
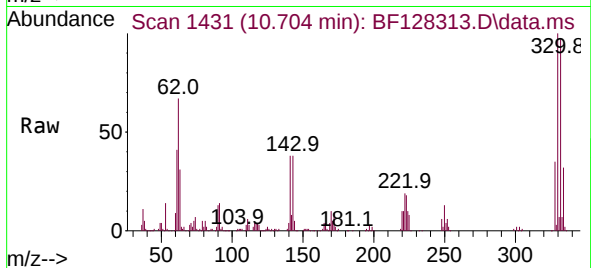
Tgt Ion:330 Resp: 214419

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

141 35.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 78.741 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF128313.D

Acq: 18 May 2022 16:00

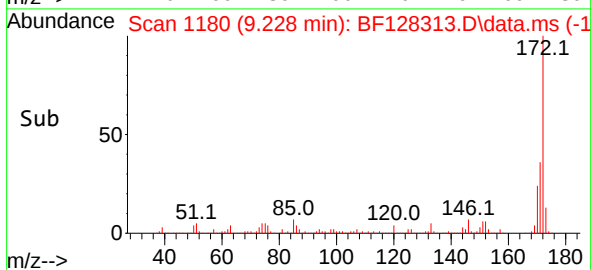
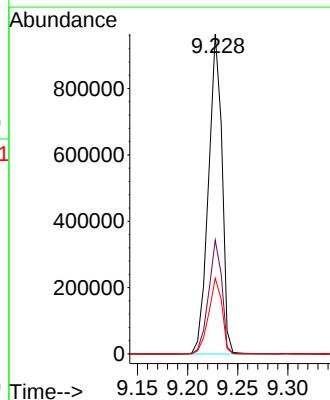
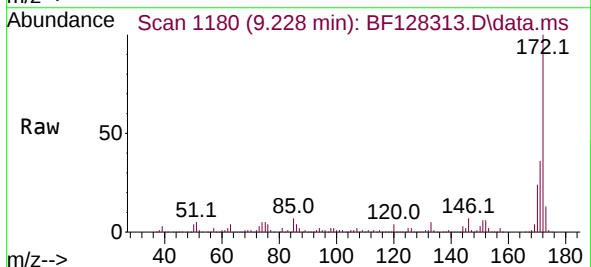
Tgt Ion:172 Resp: 907910

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.6 19.1 28.7

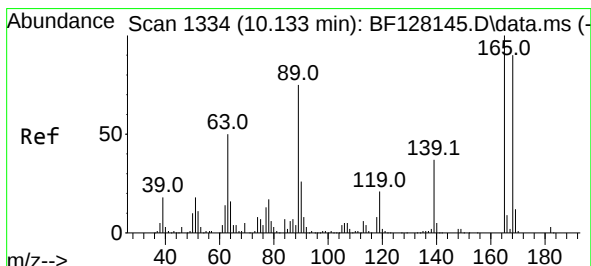
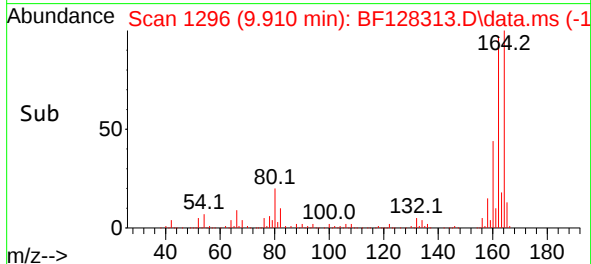
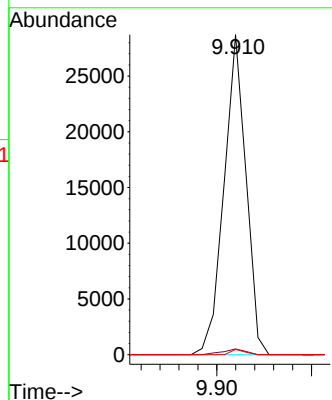
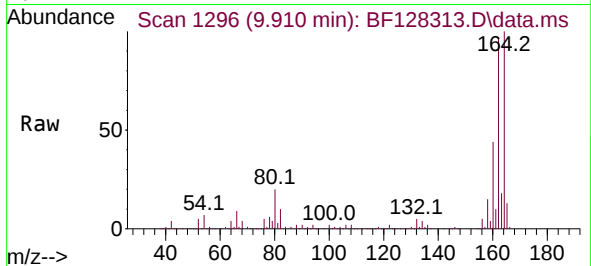




#51
2,6-Dinitrotoluene
Concen: 9.052 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.200 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

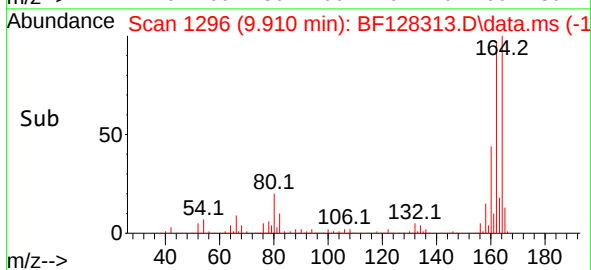
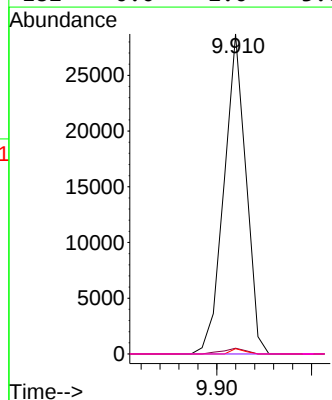
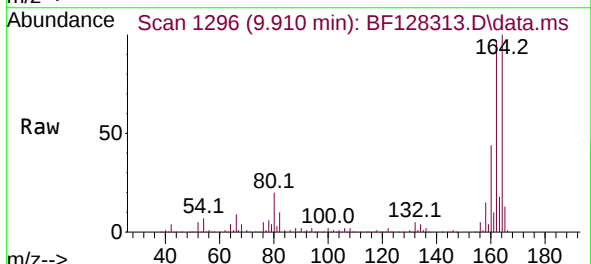
Instrument :
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CF-280MER-9-5

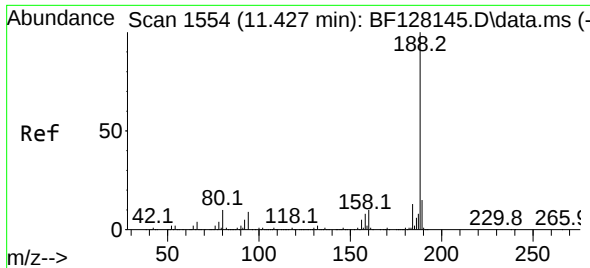
Tgt Ion:165 Resp: 23117
Ion Ratio Lower Upper
165 100
63 1.8 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.769 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.212 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Tgt Ion:165 Resp: 23117
Ion Ratio Lower Upper
165 100
63 1.8 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

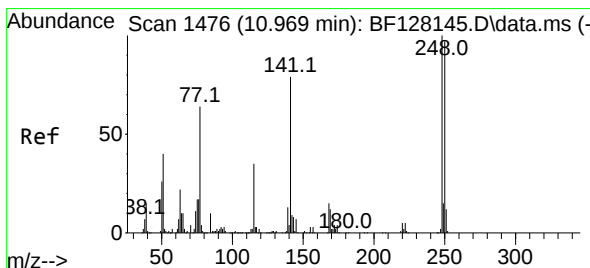
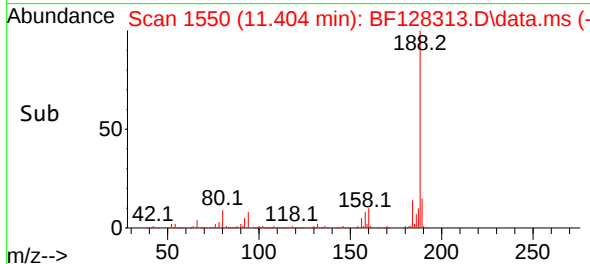
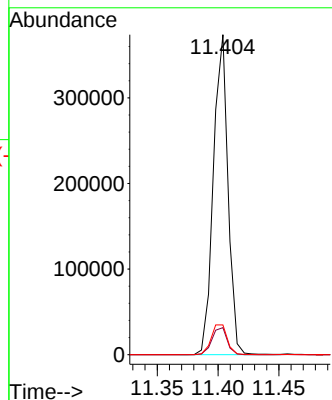
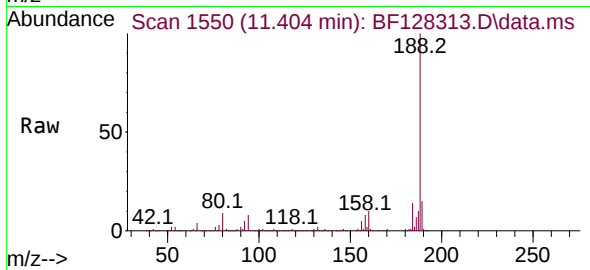




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

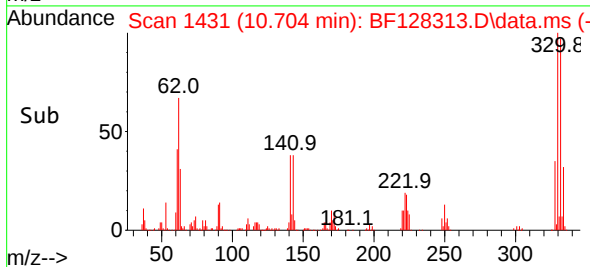
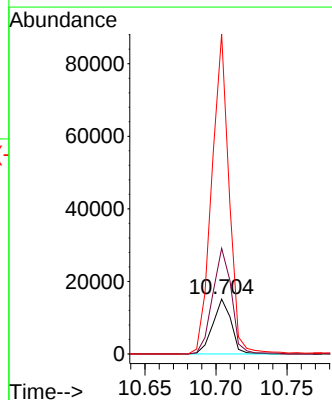
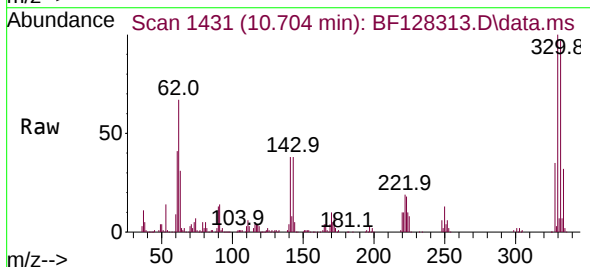
Instrument :
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CF-280MER-9-5

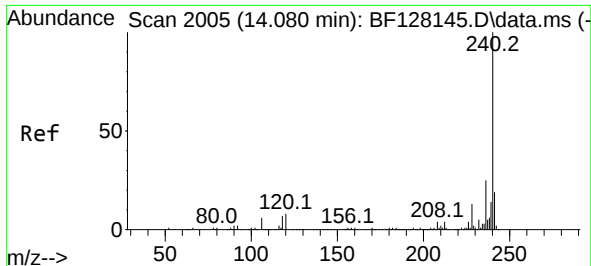
Tgt Ion:188 Resp: 312922
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.253 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Tgt Ion:248 Resp: 13630
Ion Ratio Lower Upper
248 100
250 192.5 77.7 116.5#
141 583.0 65.6 98.4#

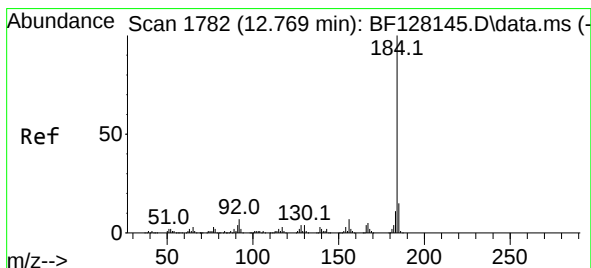
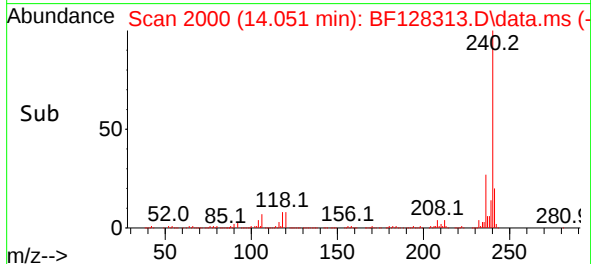
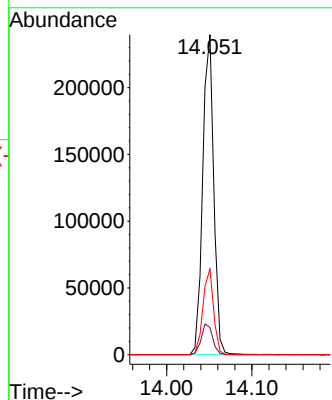
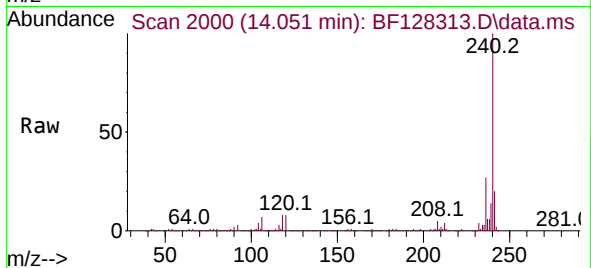




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

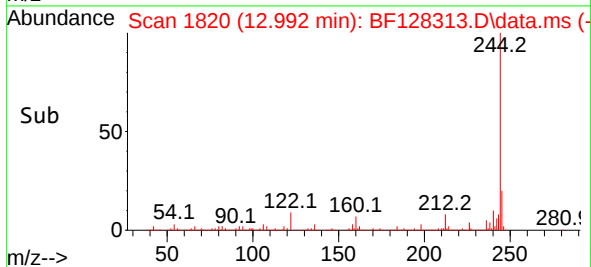
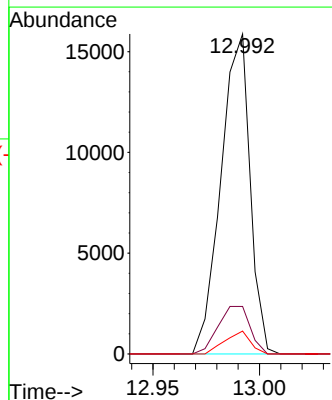
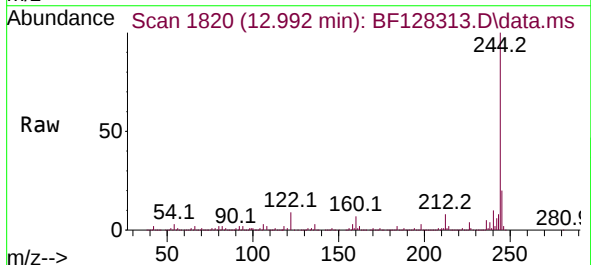
Instrument :
BNA_F
ClientSampleId :
CF-280MER-9-5

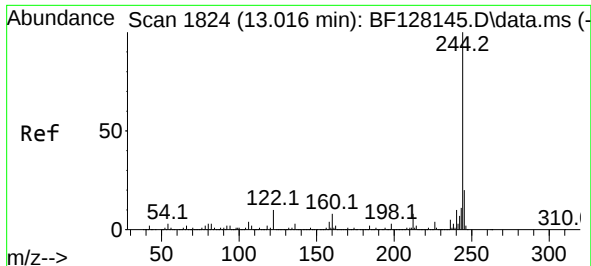
Tgt Ion:240 Resp: 215729
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.8 20.3 30.5



#77
Benzidine
Concen: 3.227 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128313.D
Acq: 18 May 2022 16:00

Tgt Ion:184 Resp: 15079
Ion Ratio Lower Upper
184 100
185 14.9 12.1 18.1
183 7.2 9.0 13.4#

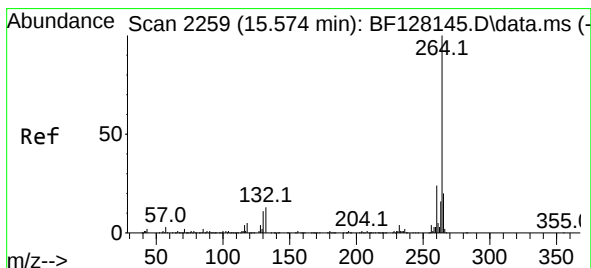
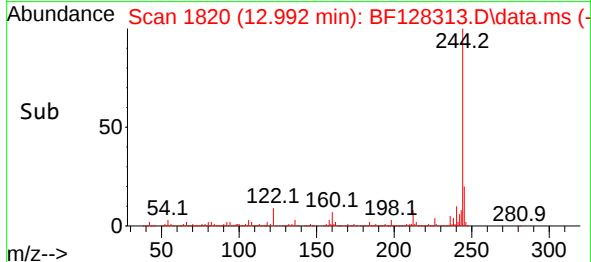
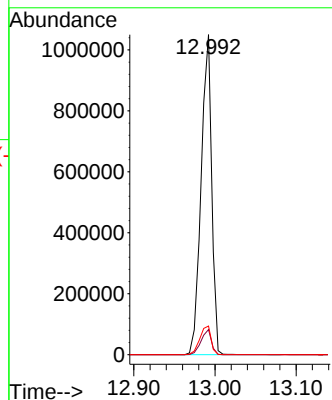
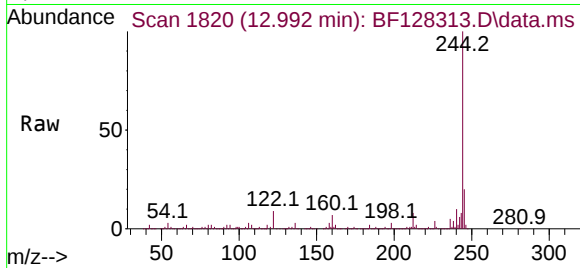




#79
 Terphenyl-d14
 Concen: 82.857 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128313.D
 Acq: 18 May 2022 16:00

Instrument :
 BNA_F
 ClientSampleId :
 CF-280MER-9-5

Tgt Ion:244 Resp: 952598
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128313.D
 Acq: 18 May 2022 16:00

Tgt Ion:264 Resp: 173817
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 20.6 17.5 26.3

