

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128078.D
 Acq On : 04 May 2022 18:20
 Operator : CG\JU
 Sample : N2665-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11,15

Quant Time: May 05 06:06:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

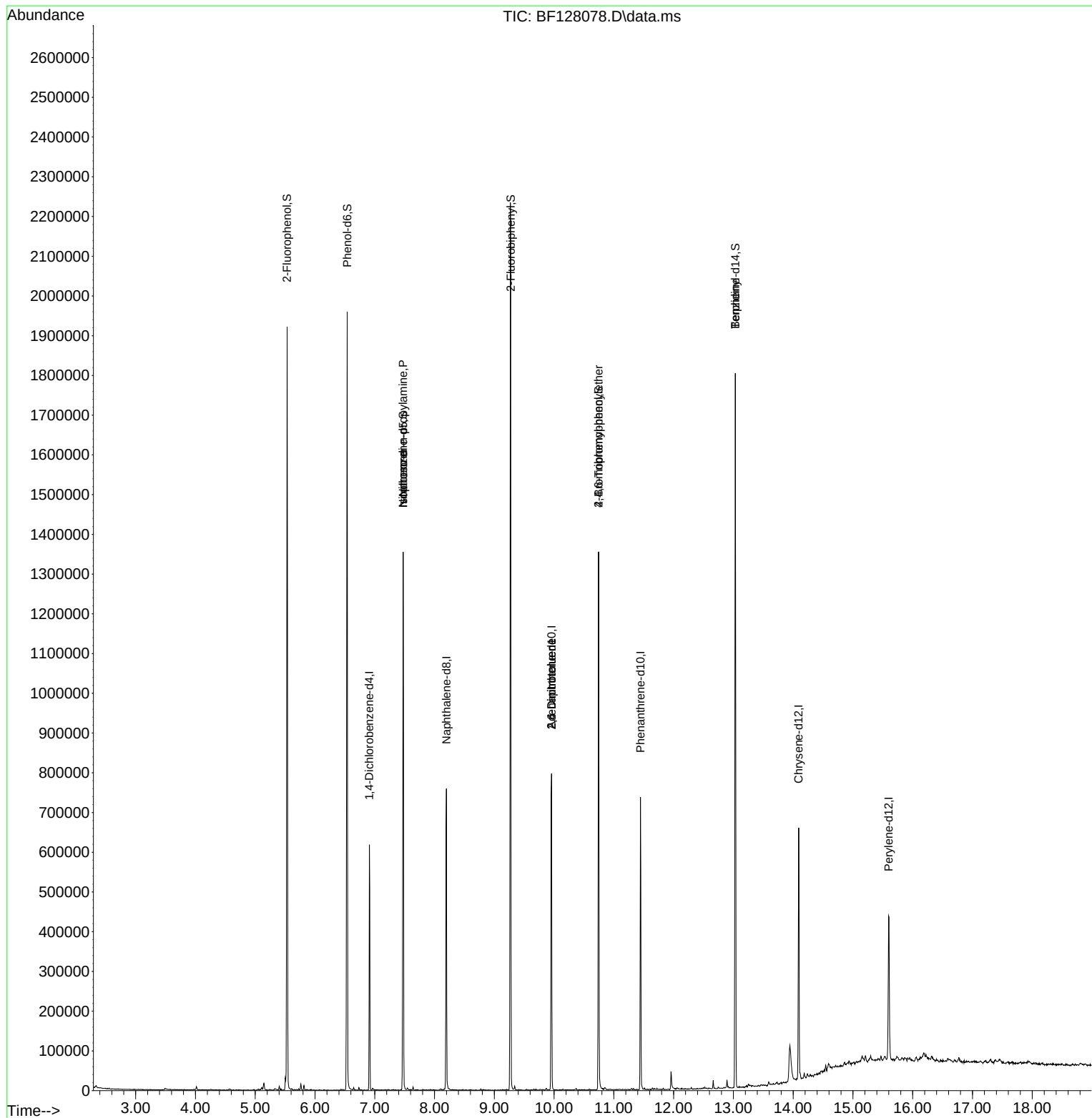
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	80939	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	316392	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	170176	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	257965	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	200765	20.000	ng	#-0.01
86) Perylene-d12	15.598	264	175589	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	466070	91.717	ng	0.00
7) Phenol-d6	6.539	99	611242	92.700	ng	-0.01
23) Nitrobenzene-d5	7.475	82	429603	63.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	144837	84.546	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	695056	69.096	ng	0.00
79) Terphenyl-d14	13.033	244	568957	51.820	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	58375	14.462	ng	# 79
25) Isophorone	7.475	82	429595	37.936	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	21931	8.875	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	21931	6.700	ng	# 26
67) 4-Bromophenyl-phenylether	10.745	248	9191	3.214	ng	# 1
77) Benzidine	13.033	184	7949	2.093	ng	# 94

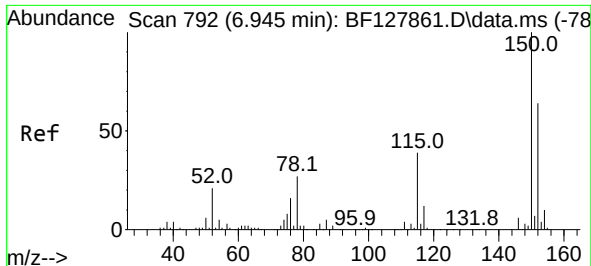
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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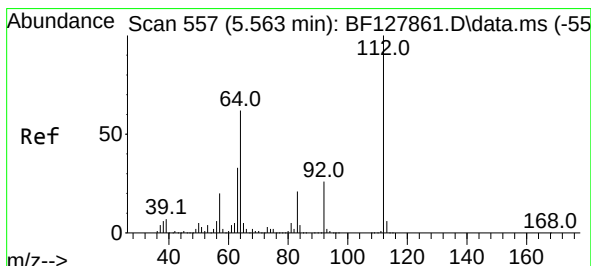
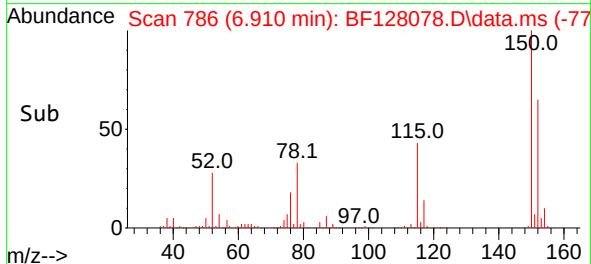
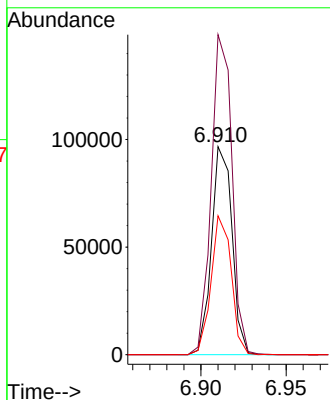
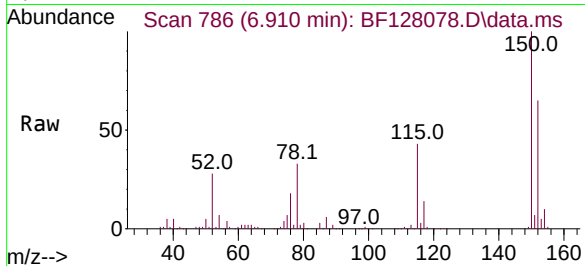




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128078.D
 Acq: 04 May 2022 18:20

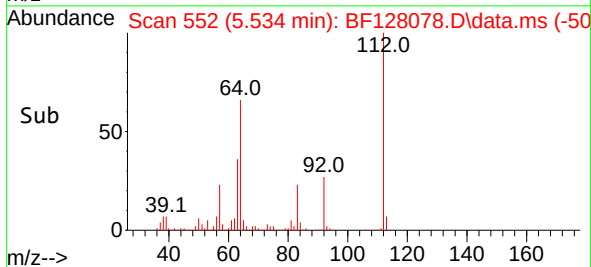
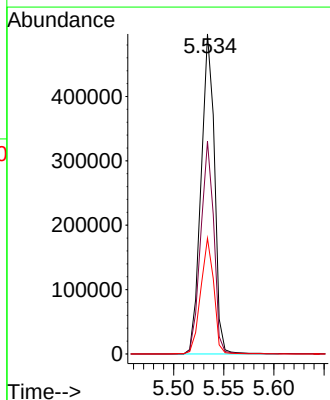
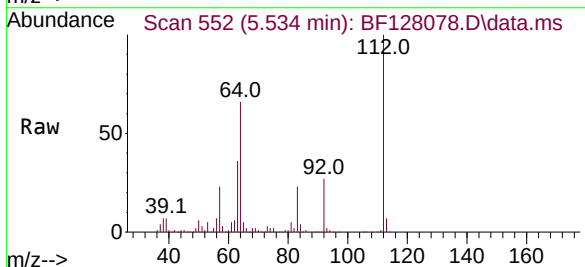
Instrument :
 BNA_F
 ClientSampleId :
 SB-11,15

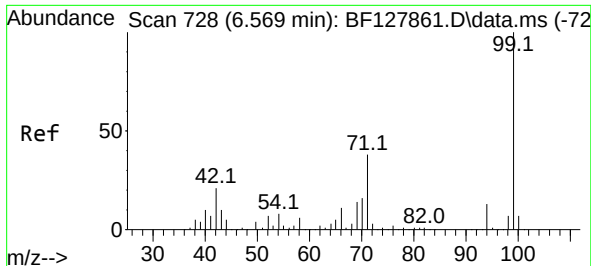
Tgt Ion:152 Resp: 80939
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.3 187.9
 115 66.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 91.717 ng
 RT: 5.534 min Scan# 552
 Delta R.T. -0.006 min
 Lab File: BF128078.D
 Acq: 04 May 2022 18:20

Tgt Ion:112 Resp: 466070
 Ion Ratio Lower Upper
 112 100
 64 66.4 49.5 74.3
 63 36.1 26.3 39.5

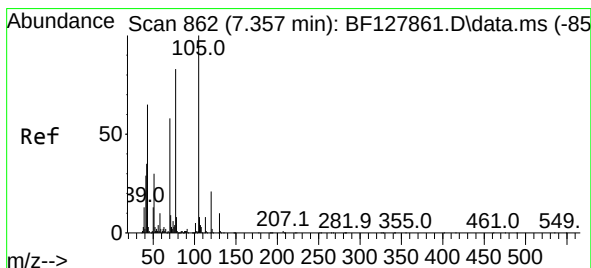
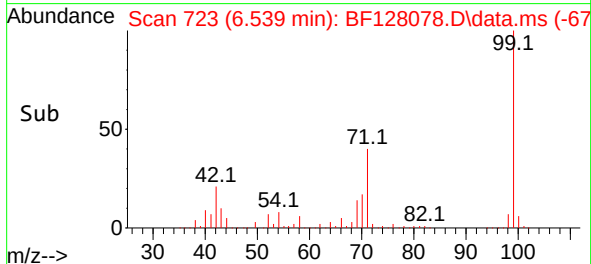
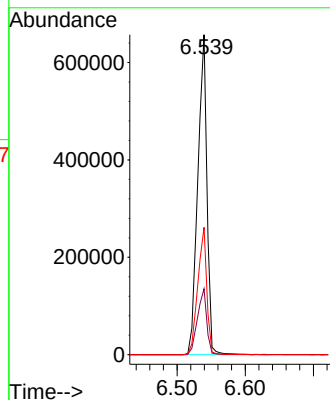
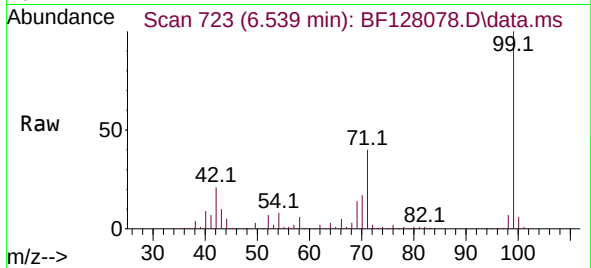




#7
Phenol-d6
Concen: 92.700 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

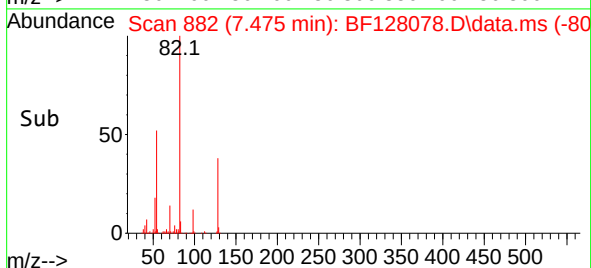
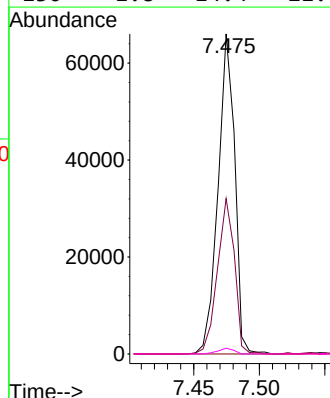
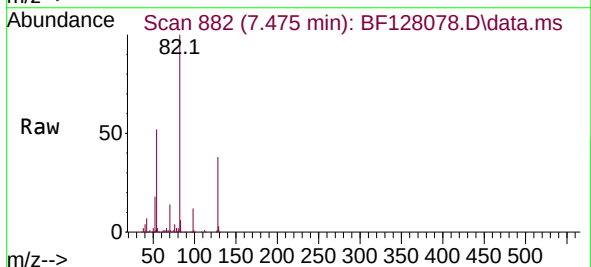
Instrument :
BNA_F
ClientSampleId :
SB-11,15

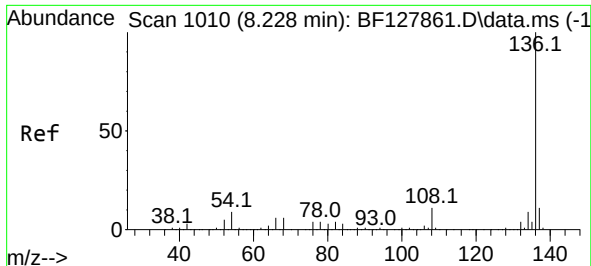
Tgt Ion: 99 Resp: 611242
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 39.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.462 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion: 70 Resp: 58375
Ion Ratio Lower Upper
70 100
42 48.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

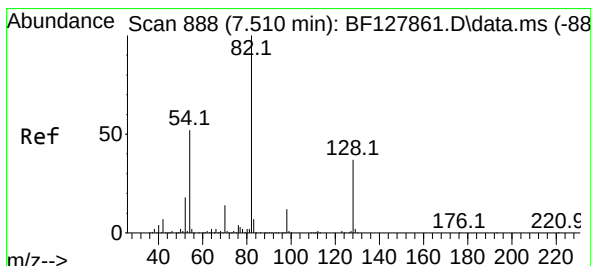
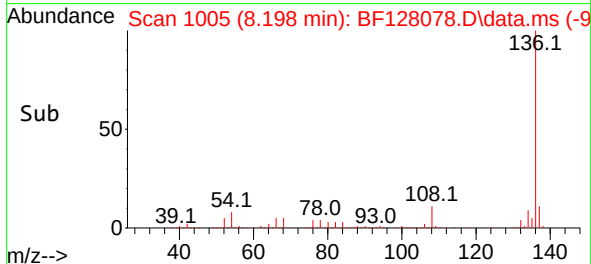
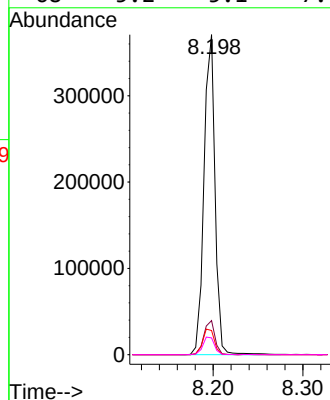
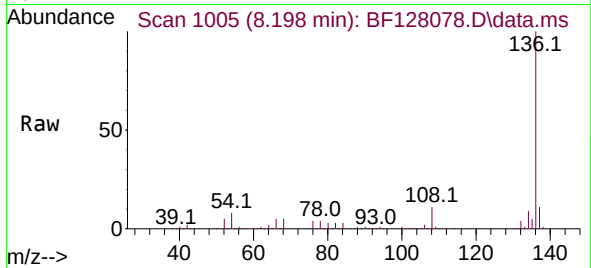




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

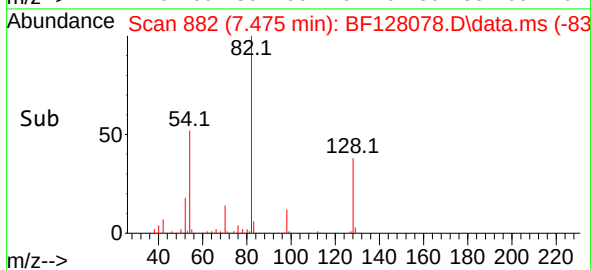
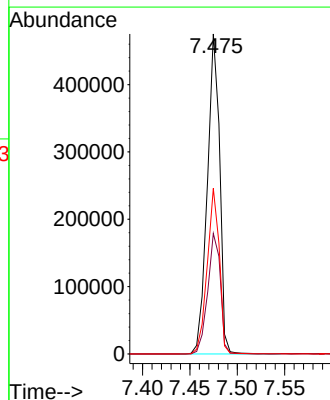
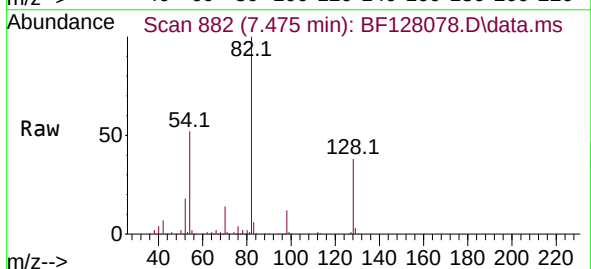
Instrument :
BNA_F
ClientSampleId :
SB-11,15

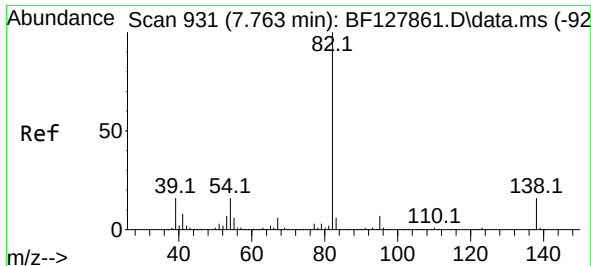
Tgt Ion:	136	Resp:	316392
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	7.6	6.8	10.2
68	5.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 63.850 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion:	82	Resp:	429603
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.0	45.0
54	51.7	41.3	61.9

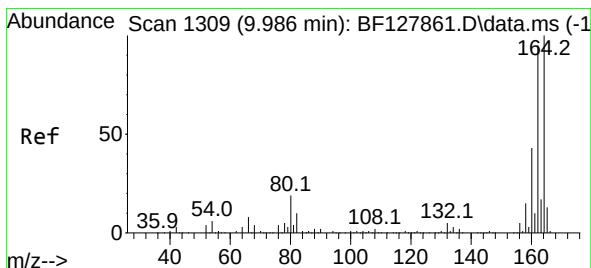
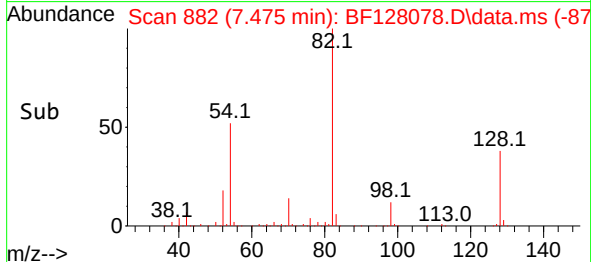
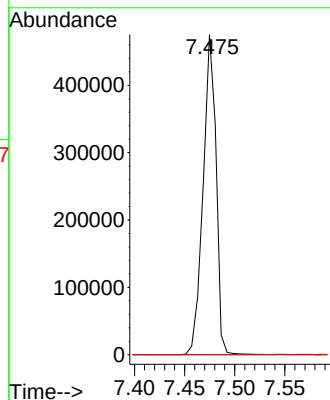
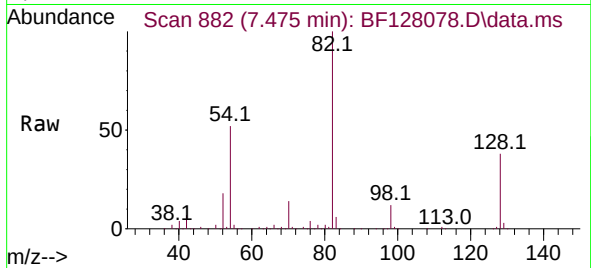




#25
Isophorone
Concen: 37.936 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

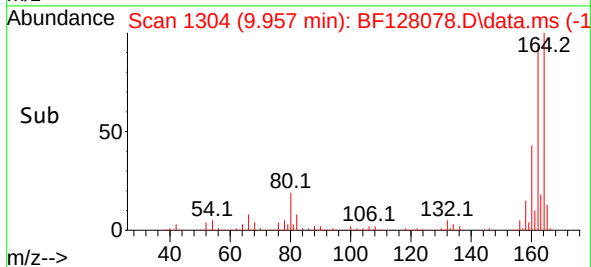
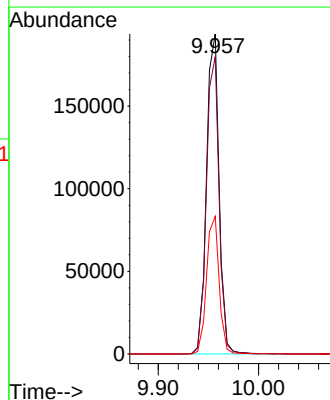
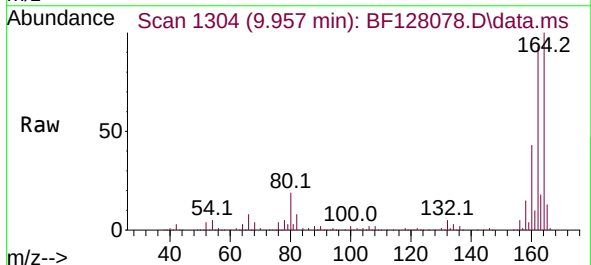
Instrument :
BNA_F
ClientSampleId :
SB-11,15

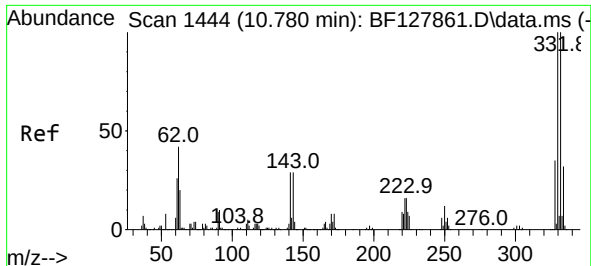
Tgt Ion: 82 Resp: 429595
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion: 164 Resp: 170176
Ion Ratio Lower Upper
164 100
162 92.9 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 84.546 ng

RT: 10.745 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

Instrument :

BNA_F

ClientSampleId :

SB-11,15

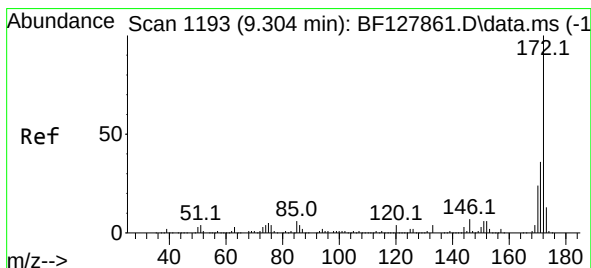
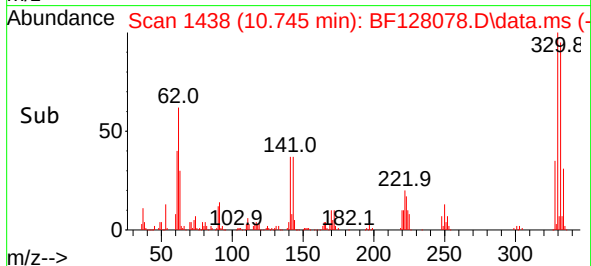
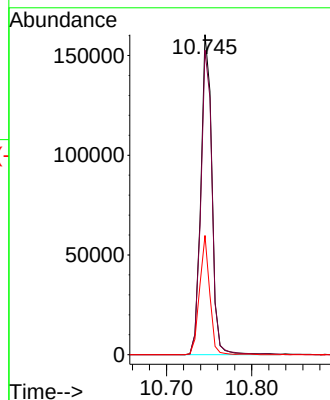
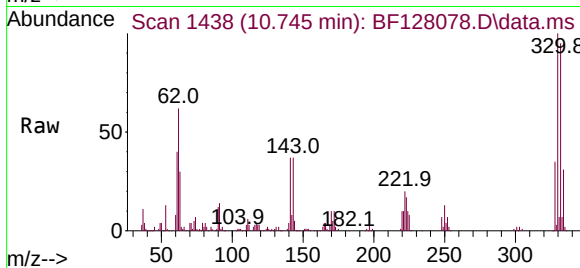
Tgt Ion:330 Resp: 144837

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 69.096 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

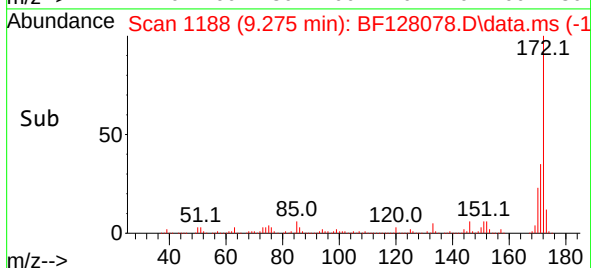
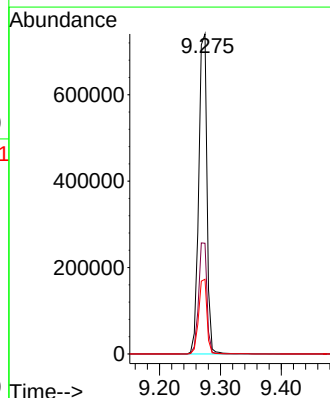
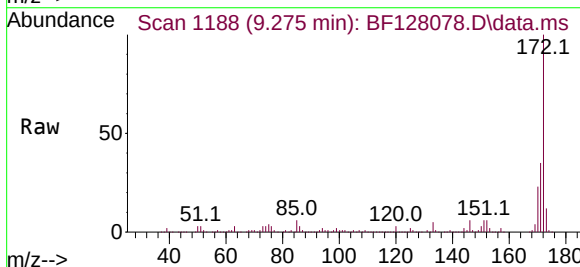
Tgt Ion:172 Resp: 695056

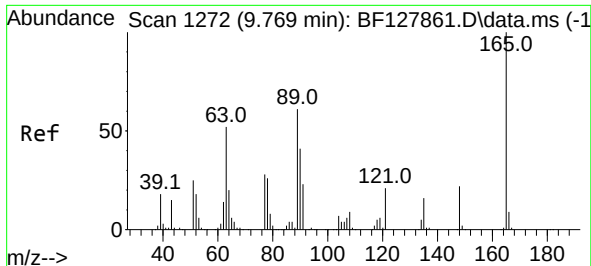
Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.875 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

Instrument :

BNA_F

ClientSampleId :

SB-11,15

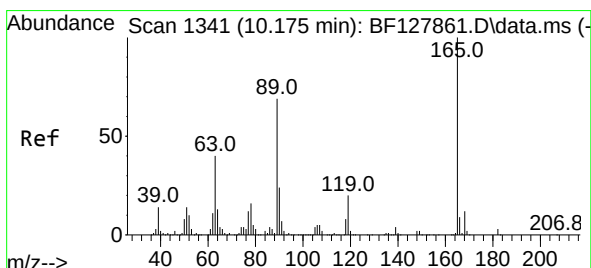
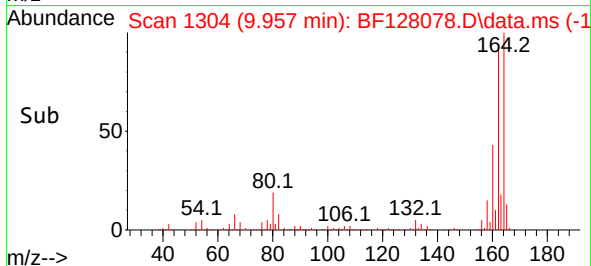
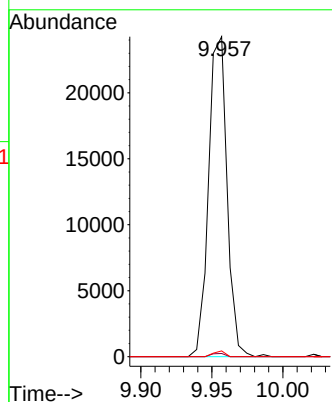
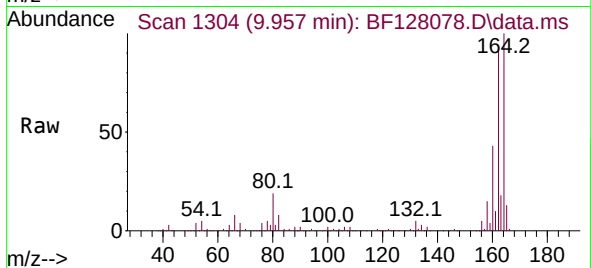
Tgt Ion:165 Resp: 21931

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.8 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.700 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128078.D

Acq: 04 May 2022 18:20

Tgt Ion:165 Resp: 21931

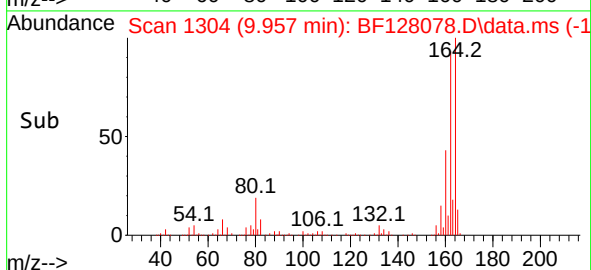
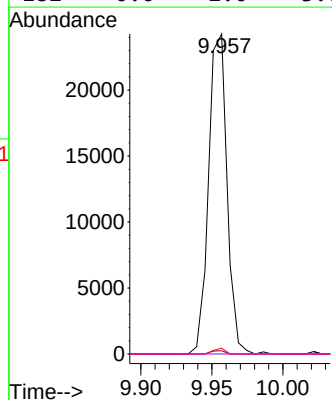
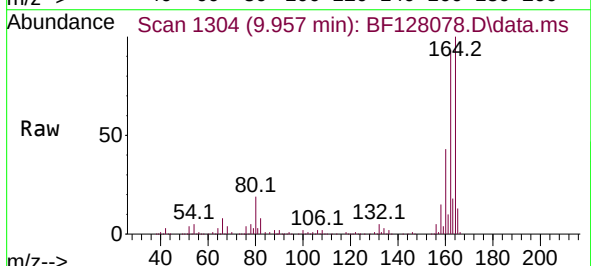
Ion Ratio Lower Upper

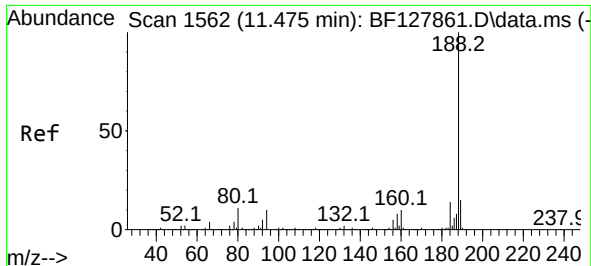
165 100

63 1.0 32.6 49.0#

89 1.8 55.2 82.8#

182 0.0 2.0 3.0#

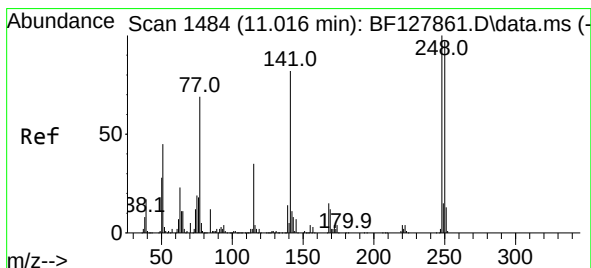
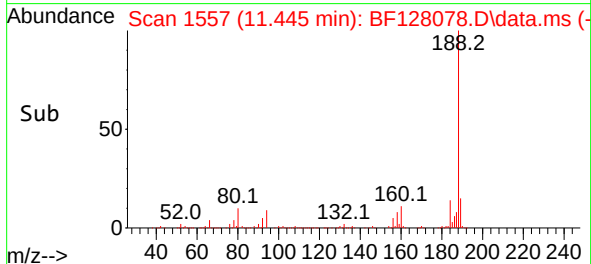
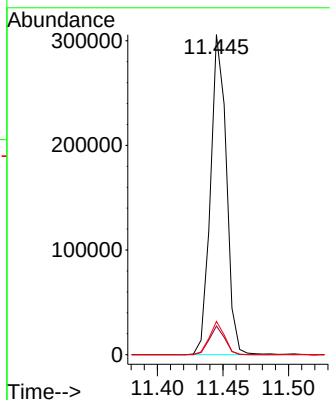
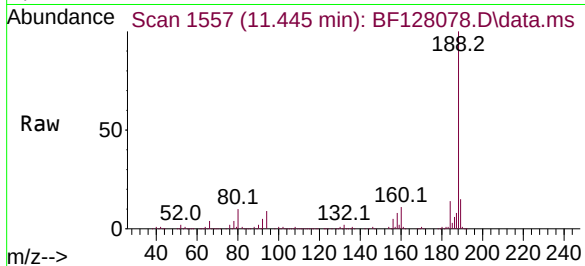




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

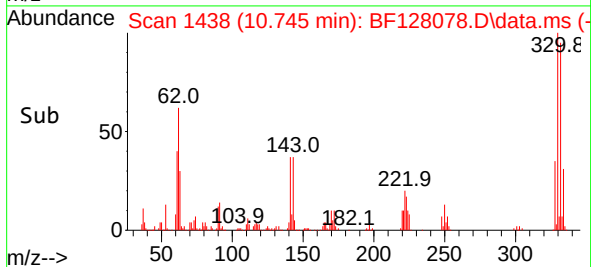
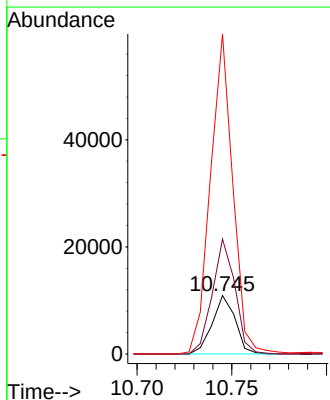
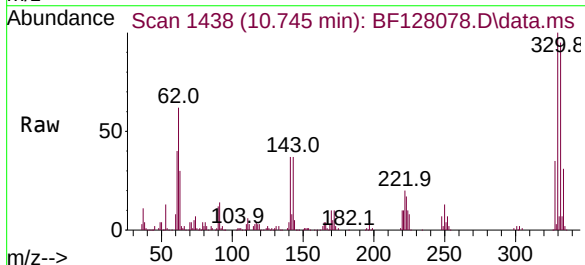
Instrument :
BNA_F
ClientSampleId :
SB-11,15

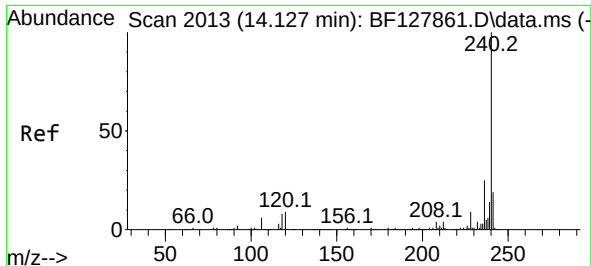
Tgt Ion:188 Resp: 257965
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.214 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.253 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion:248 Resp: 9191
Ion Ratio Lower Upper
248 100
250 196.9 77.7 116.5#
141 548.0 65.6 98.4#

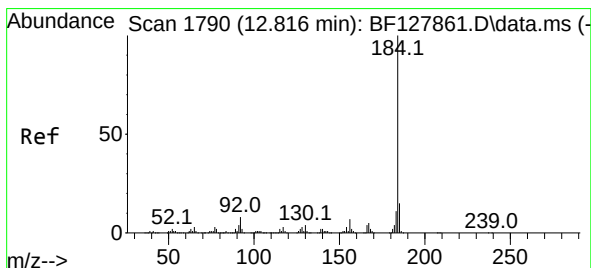
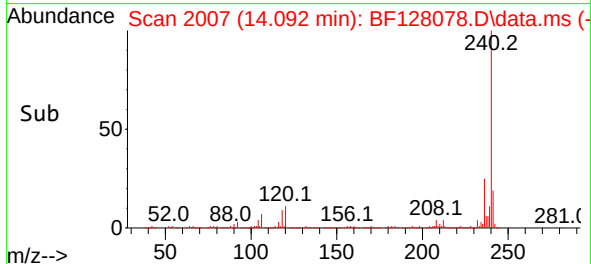
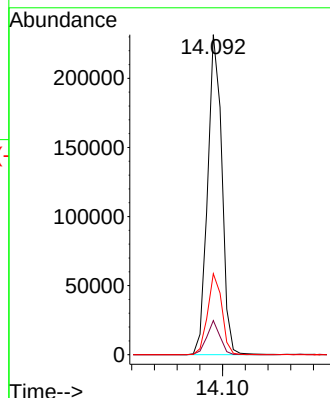
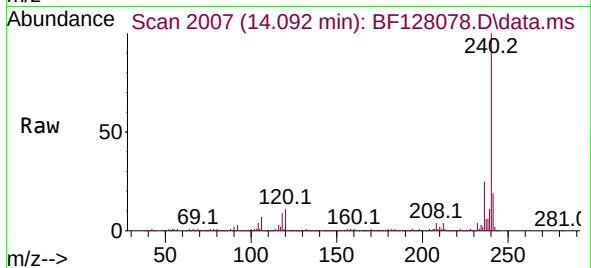




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

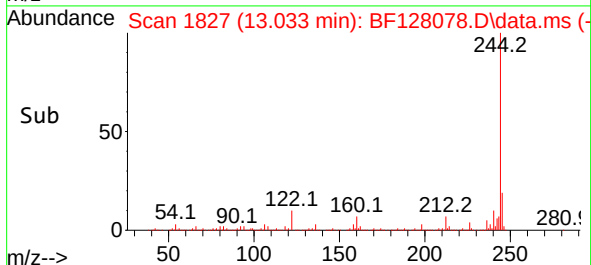
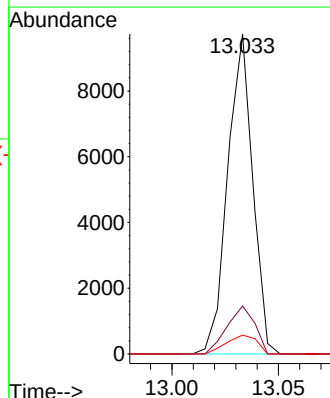
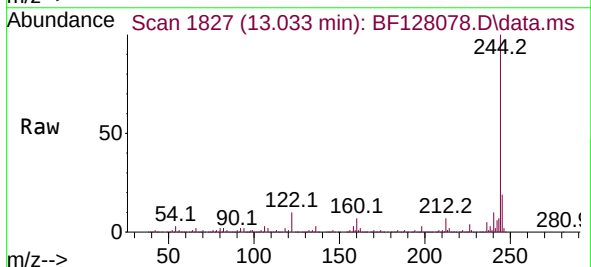
Instrument :
BNA_F
ClientSampleId :
SB-11,15

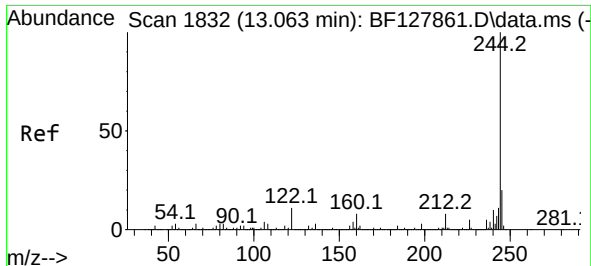
Tgt Ion:240 Resp: 200765
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6#
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.093 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128078.D
Acq: 04 May 2022 18:20

Tgt Ion:184 Resp: 7949
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 5.9 9.0 13.4#

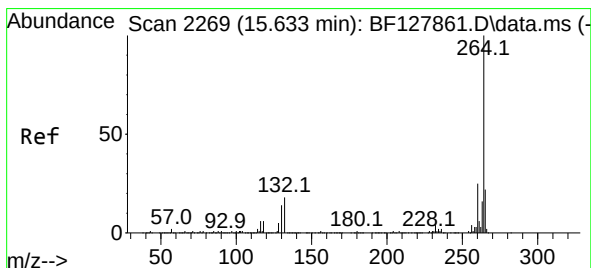
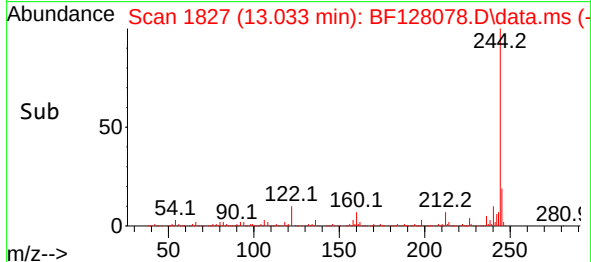
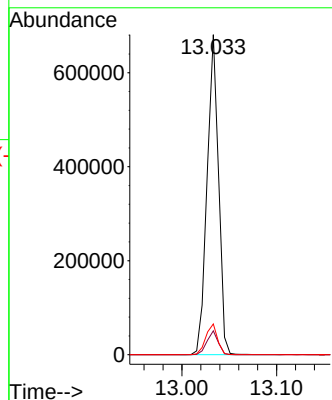
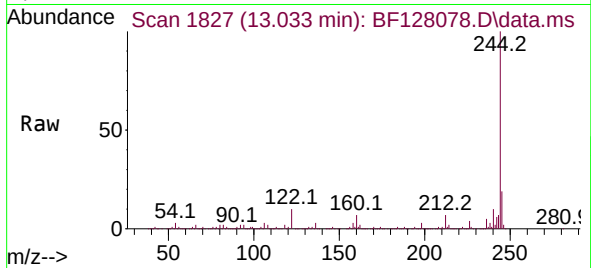




#79
 Terphenyl-d14
 Concen: 51.820 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.012 min
 Lab File: BF128078.D
 Acq: 04 May 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-11,15

Tgt Ion:244 Resp: 568957
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF128078.D
 Acq: 04 May 2022 18:20

Tgt Ion:264 Resp: 175589
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.2 17.5 26.3

