

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128126.D
 Acq On : 06 May 2022 16:04
 Operator : CG\JU
 Sample : N2712-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: May 06 17:49:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

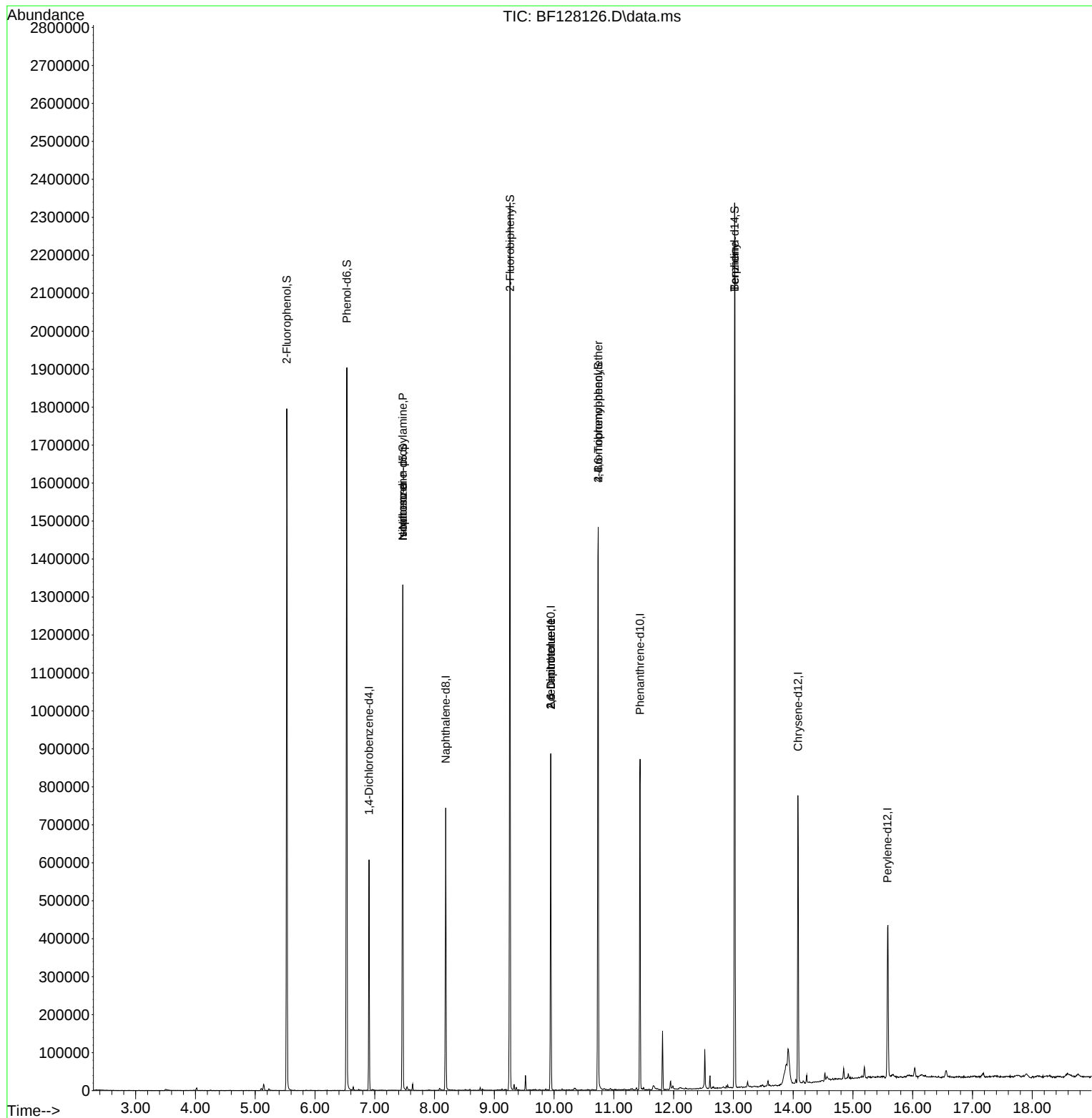
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	75693	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	292475	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	169819	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	324275	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	256484	20.000	ng	-0.01
86) Perylene-d12	15.580	264	188507	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	459197	96.627	ng	0.00
7) Phenol-d6	6.534	99	606892	98.420	ng	-0.01
23) Nitrobenzene-d5	7.469	82	421618	67.788	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	180566	105.624	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	665293	66.277	ng	0.00
79) Terphenyl-d14	13.021	244	822372	58.630	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	57254	15.168	ng	# 78
25) Isophorone	7.469	82	421688	40.283	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21927	8.892	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	21927	6.713	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	10911	3.035	ng	# 1
77) Benzidine	13.021	184	11936	2.459	ng	# 91

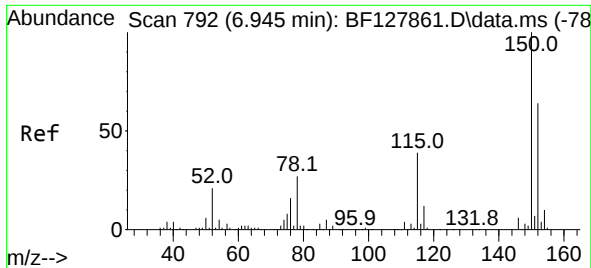
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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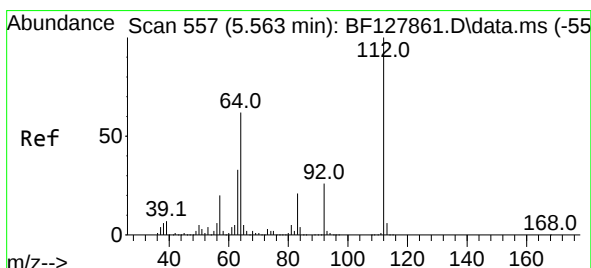
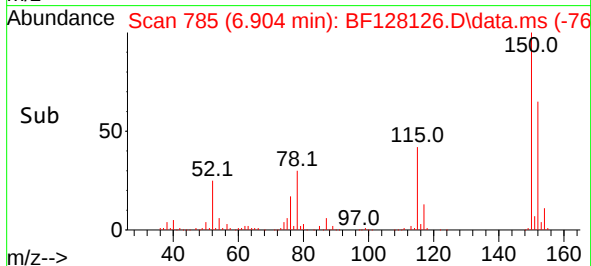
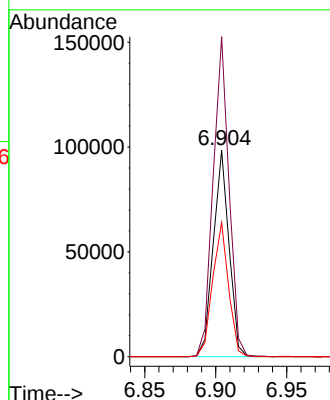
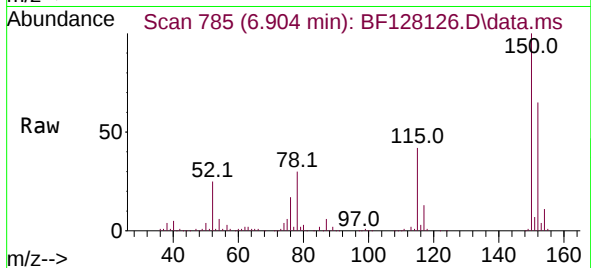




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128126.D
 Acq: 06 May 2022 16:04

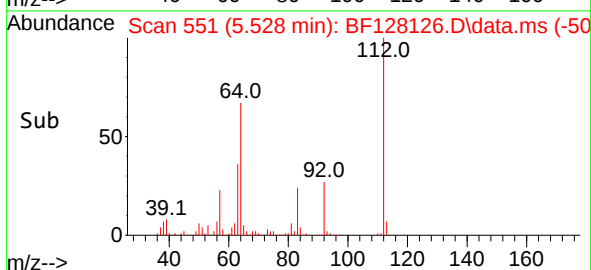
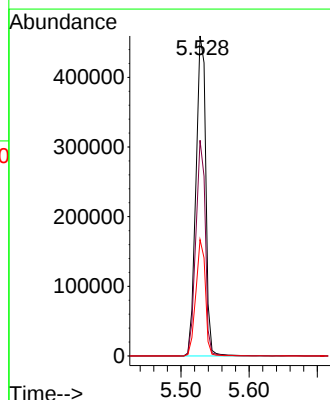
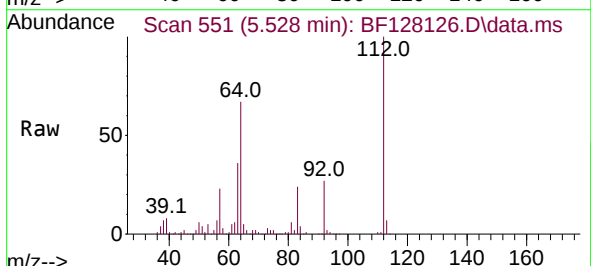
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

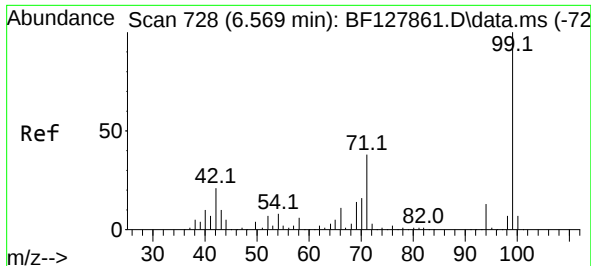
Tgt Ion:152 Resp: 75693
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.3 187.9
 115 64.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 96.627 ng
 RT: 5.528 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: BF128126.D
 Acq: 06 May 2022 16:04

Tgt Ion:112 Resp: 459197
 Ion Ratio Lower Upper
 112 100
 64 67.4 49.5 74.3
 63 36.4 26.3 39.5

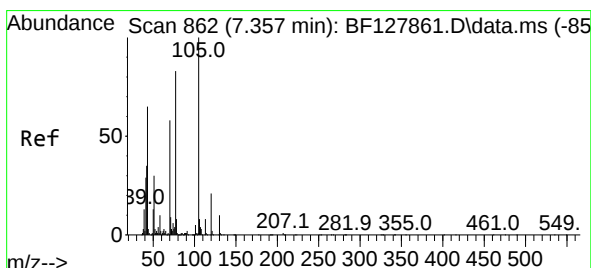
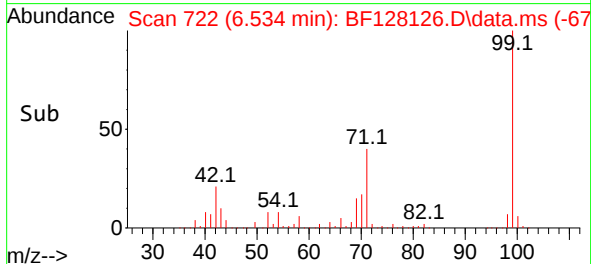
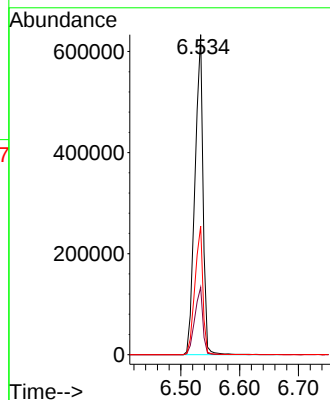
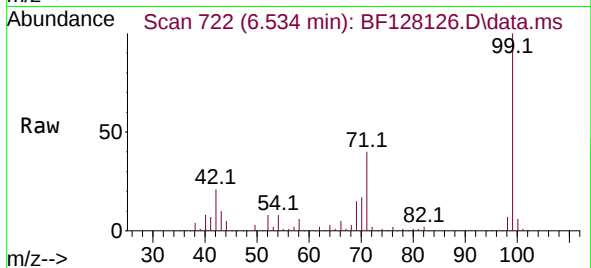




#7
Phenol-d6
Concen: 98.420 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

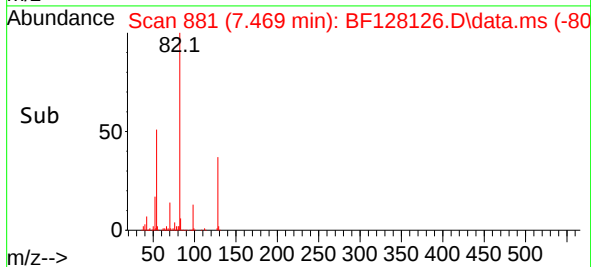
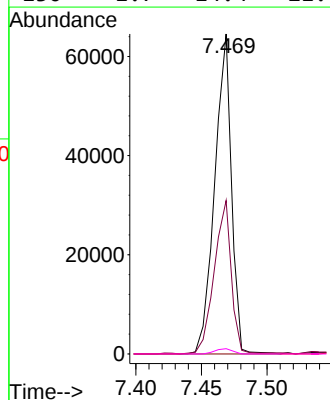
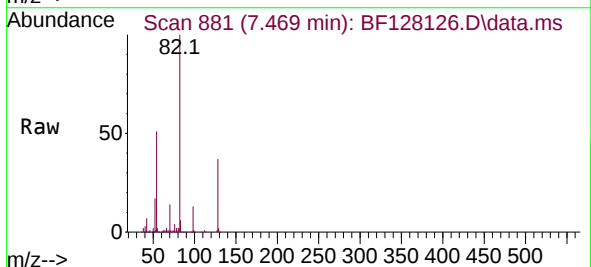
Instrument :
BNA_F
ClientSampleId :
SP-2

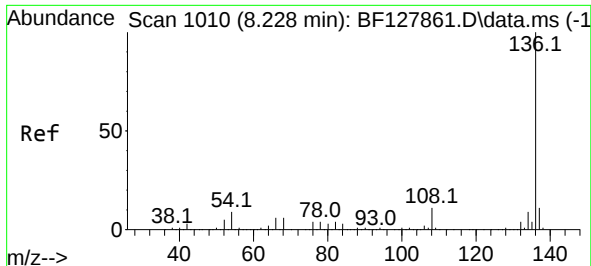
Tgt Ion: 99 Resp: 606892
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 40.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.168 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

Tgt Ion: 70 Resp: 57254
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

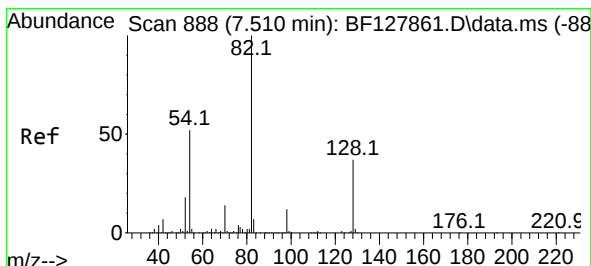
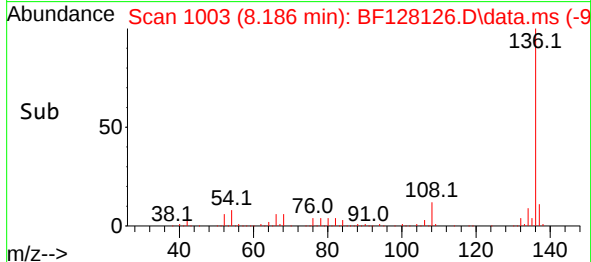
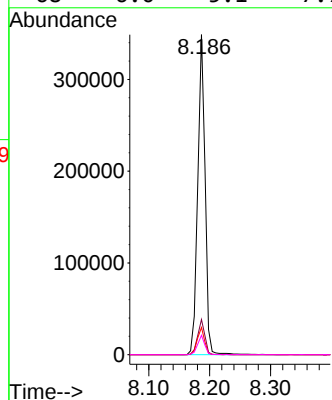
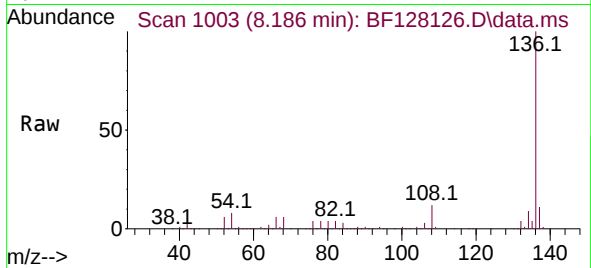




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

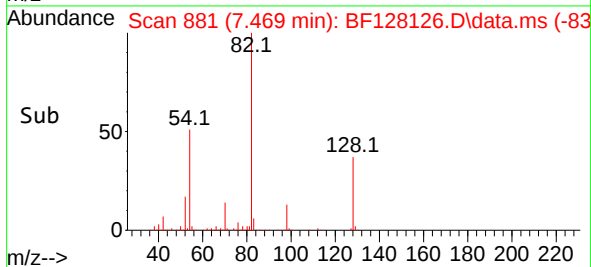
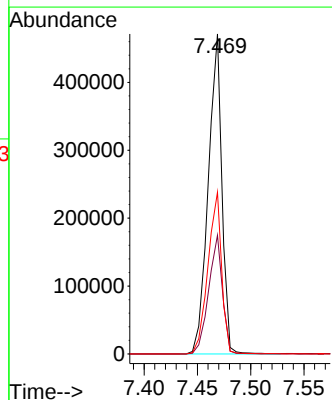
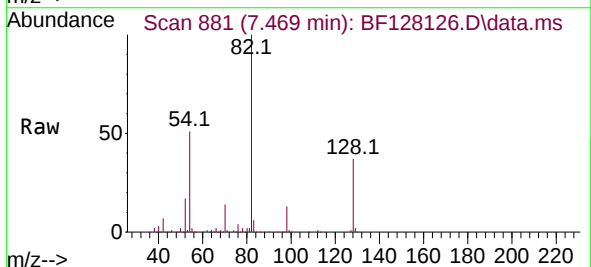
Instrument :
BNA_F
ClientSampleId :
SP-2

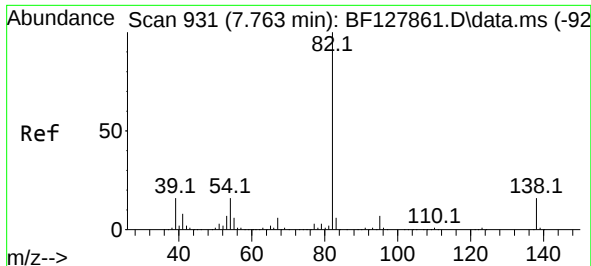
Tgt Ion:136	Resp: 292475
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 8.5	6.8 10.2
68 6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 67.788 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

Tgt Ion: 82	Resp: 421618
Ion Ratio	Lower Upper
82 100	
128 37.1	30.0 45.0
54 50.5	41.3 61.9

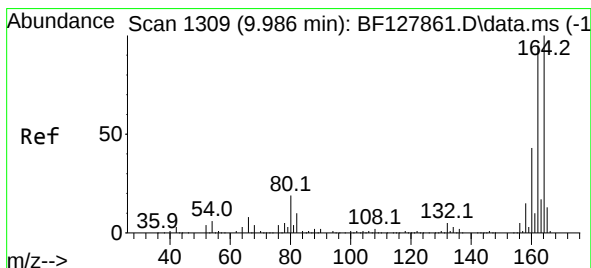
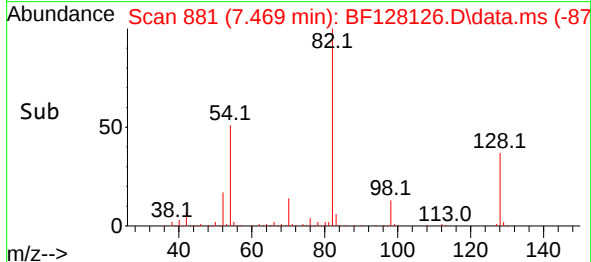
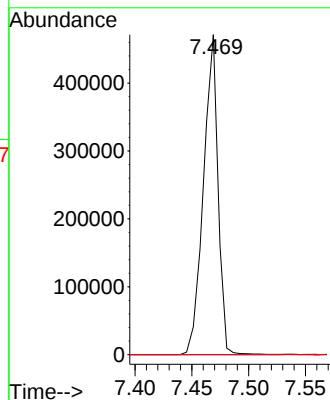
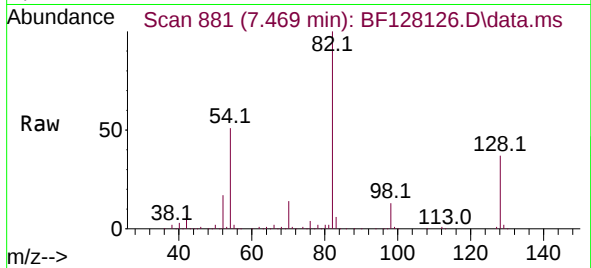




#25
Isophorone
Concen: 40.283 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

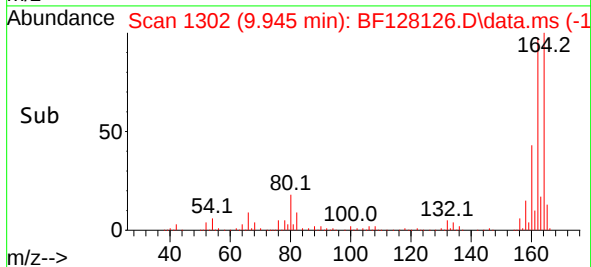
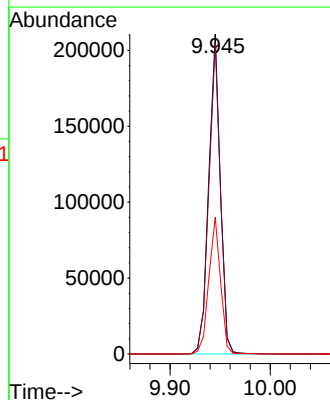
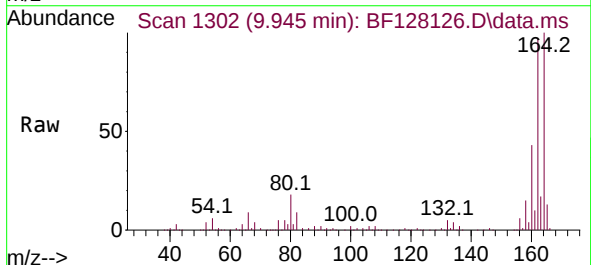
Instrument :
BNA_F
ClientSampleId :
SP-2

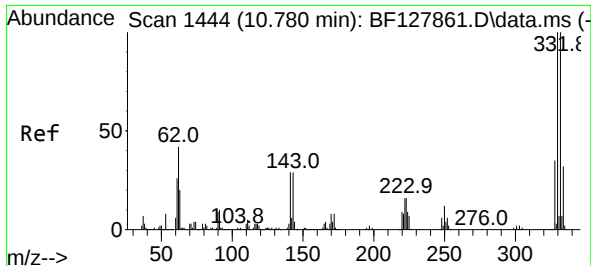
Tgt Ion: 82 Resp: 421688
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

Tgt Ion:164 Resp: 169819
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 42.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 105.624 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128126.D

Acq: 06 May 2022 16:04

Instrument :

BNA_F

ClientSampleId :

SP-2

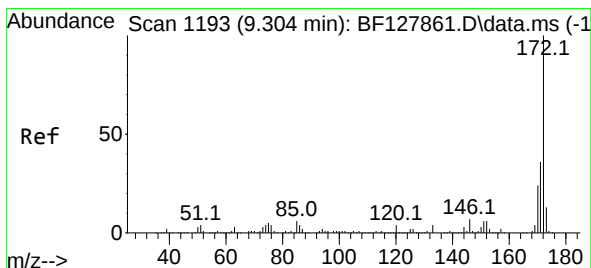
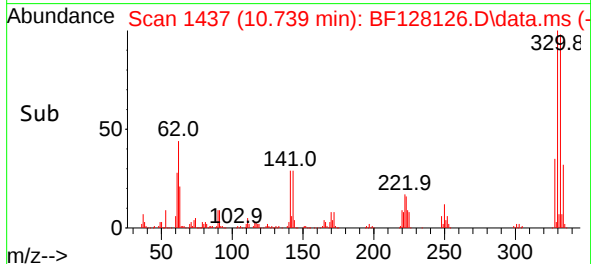
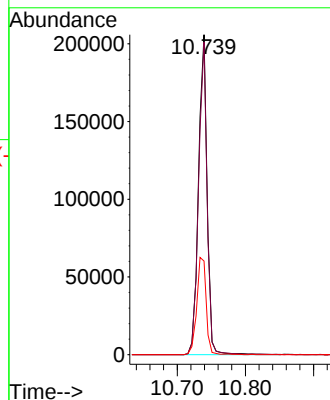
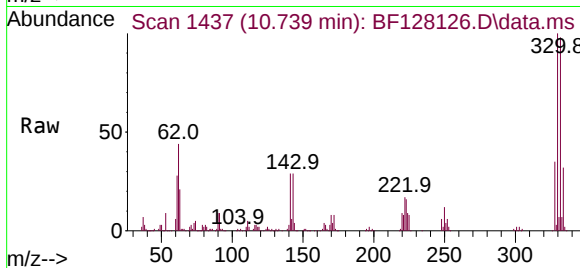
Tgt Ion:330 Resp: 180566

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 66.277 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128126.D

Acq: 06 May 2022 16:04

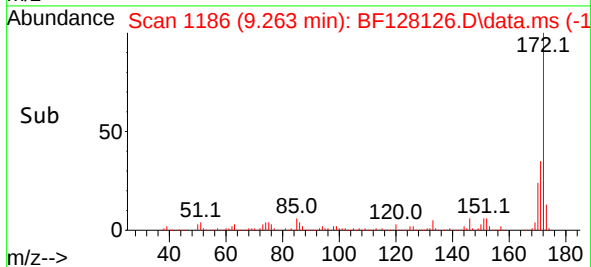
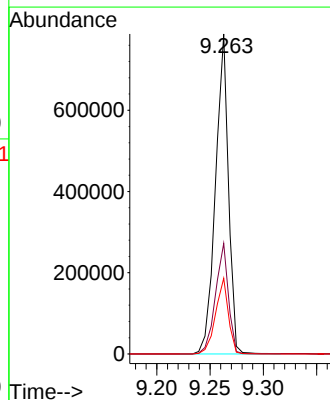
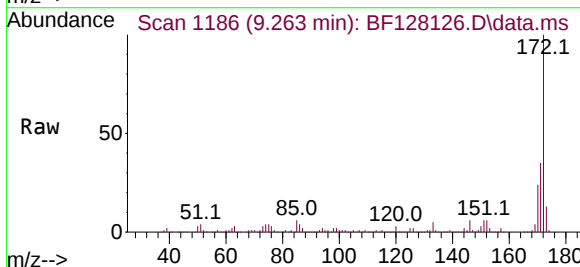
Tgt Ion:172 Resp: 665293

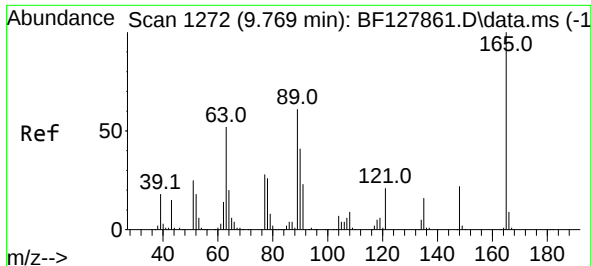
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.7 19.1 28.7

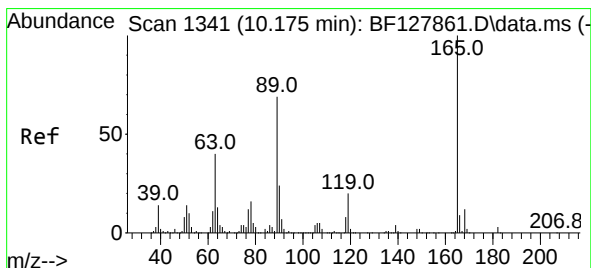
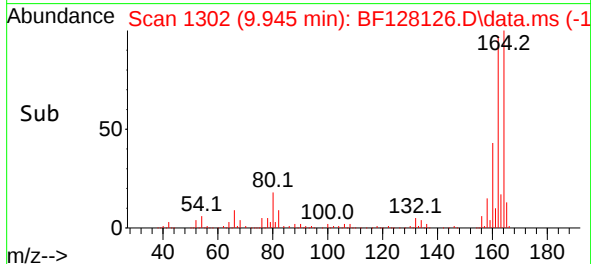
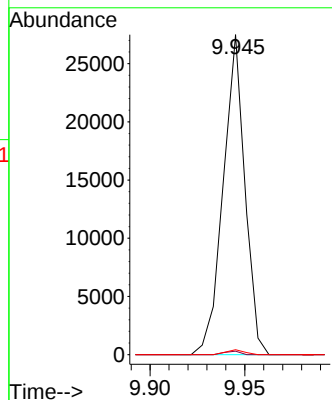
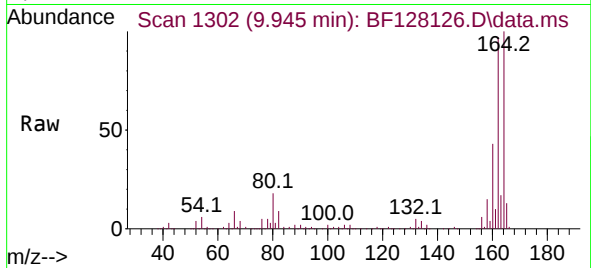




#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

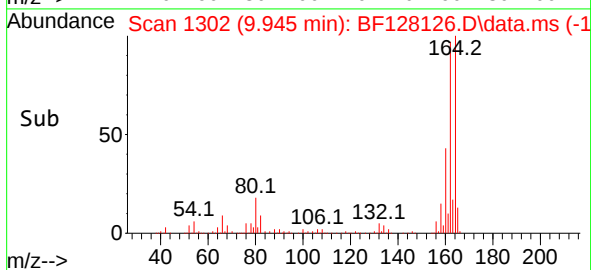
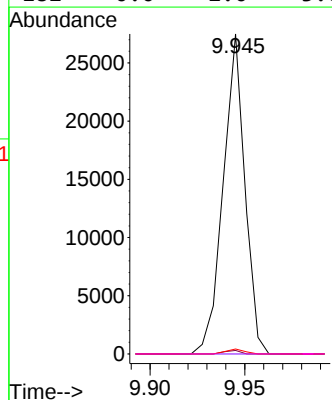
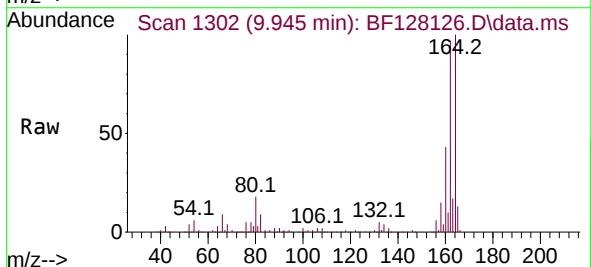
Instrument :
BNA_F
ClientSampleId :
SP-2

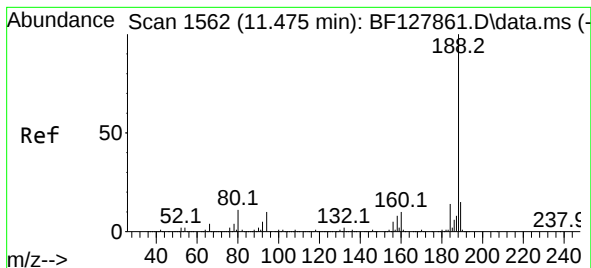
Tgt Ion:165 Resp: 21927
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128126.D
Acq: 06 May 2022 16:04

Tgt Ion:165 Resp: 21927
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128126.D

Acq: 06 May 2022 16:04

Instrument :

BNA_F

ClientSampleId :

SP-2

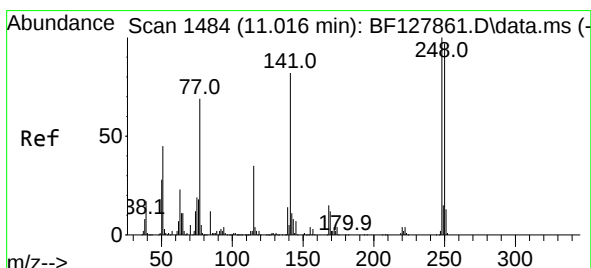
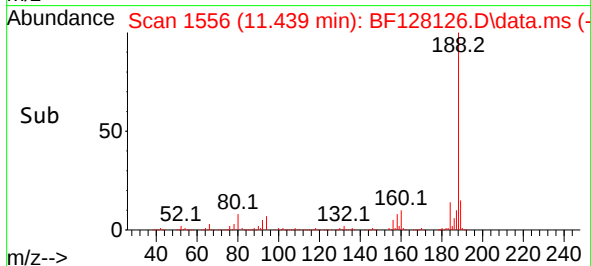
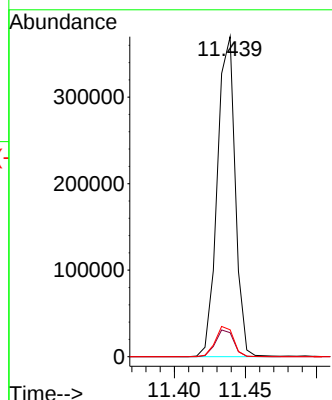
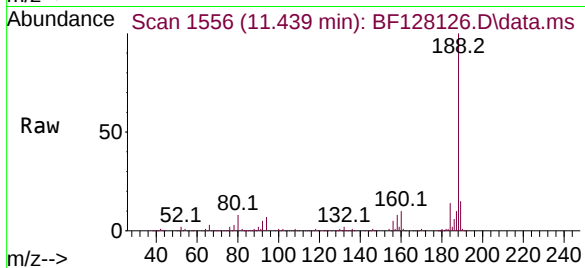
Tgt Ion:188 Resp: 324275

Ion Ratio Lower Upper

188 100

94 7.5 8.0 12.0#

80 8.4 8.9 13.3#



#67

4-Bromophenyl-phenylether

Concen: 3.035 ng

RT: 10.739 min Scan# 1437

Delta R.T. -0.247 min

Lab File: BF128126.D

Acq: 06 May 2022 16:04

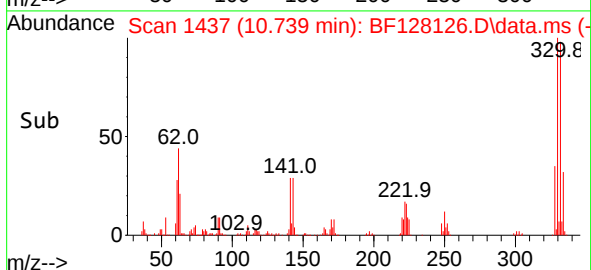
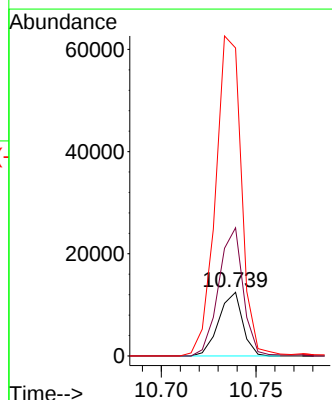
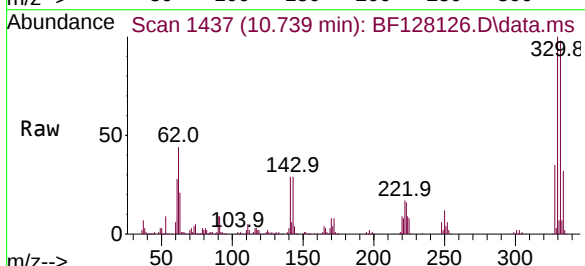
Tgt Ion:248 Resp: 10911

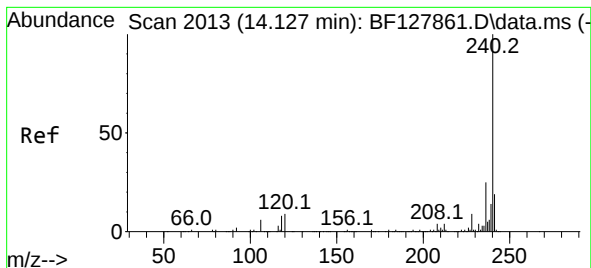
Ion Ratio Lower Upper

248 100

250 201.1 77.7 116.5#

141 483.1 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF128126.D

Acq: 06 May 2022 16:04

Instrument :

BNA_F

ClientSampleId :

SP-2

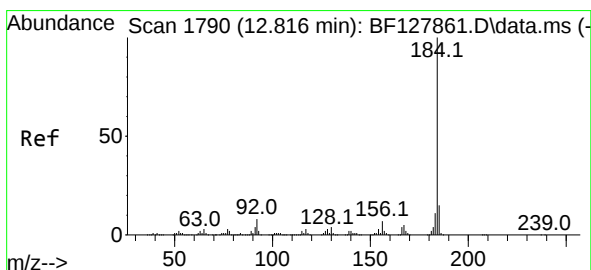
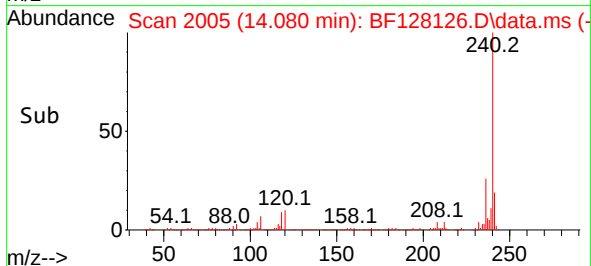
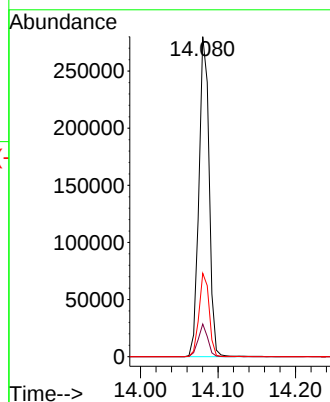
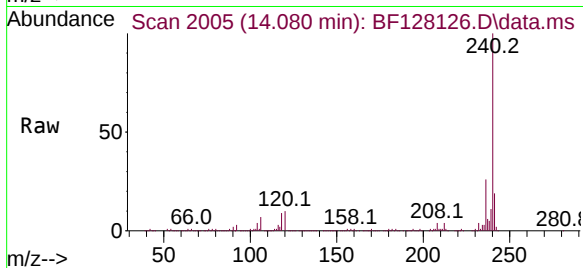
Tgt Ion:240 Resp: 256484

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.6

236 26.1 20.3 30.5



#77

Benzidine

Concen: 2.459 ng

RT: 13.021 min Scan# 1825

Delta R.T. 0.241 min

Lab File: BF128126.D

Acq: 06 May 2022 16:04

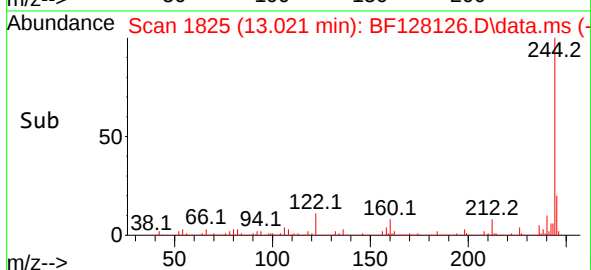
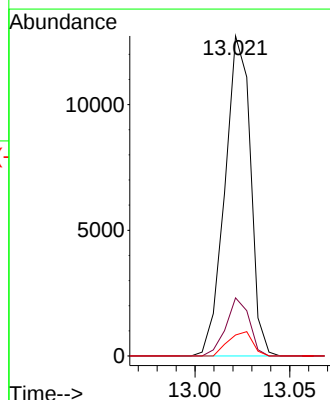
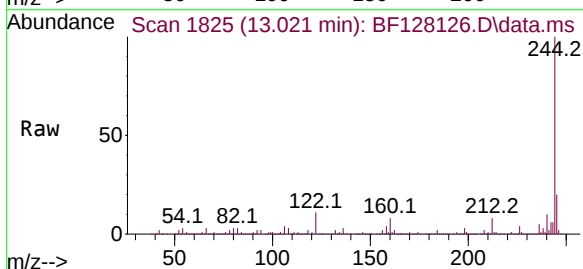
Tgt Ion:184 Resp: 11936

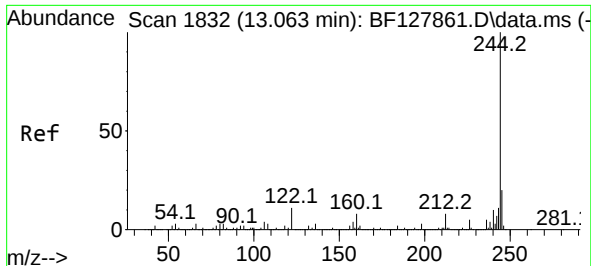
Ion Ratio Lower Upper

184 100

185 18.1 12.1 18.1#

183 6.6 9.0 13.4#

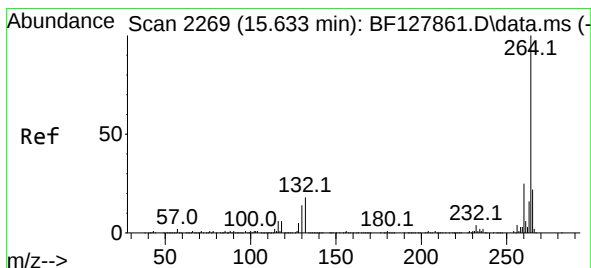
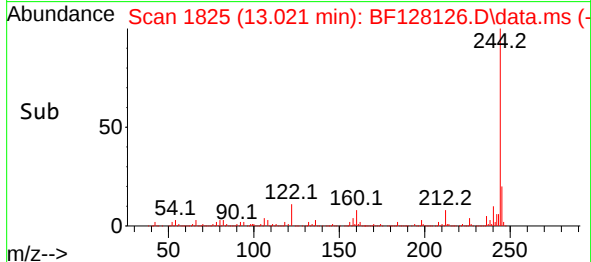
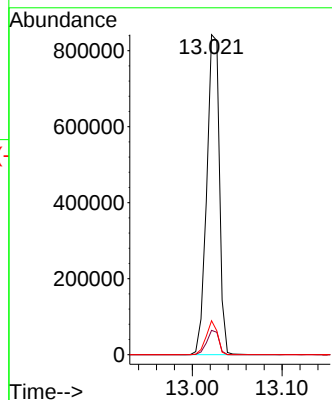
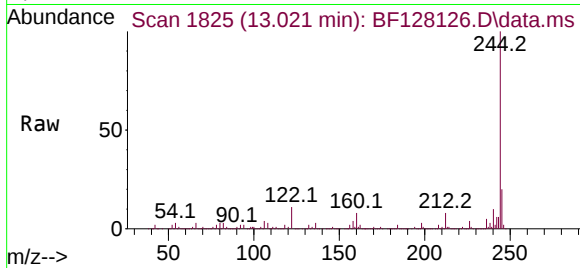




#79
 Terphenyl-d14
 Concen: 58.630 ng
 RT: 13.021 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF128126.D
 Acq: 06 May 2022 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:244 Resp: 822372
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128126.D
 Acq: 06 May 2022 16:04

Tgt Ion:264 Resp: 188507
 Ion Ratio Lower Upper
 264 100
 260 22.0 20.1 30.1
 265 20.5 17.5 26.3

