

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128260.D
 Acq On : 16 May 2022 11:11
 Operator : CG\JU
 Sample : N2775-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-35S

Quant Time: May 16 15:29:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

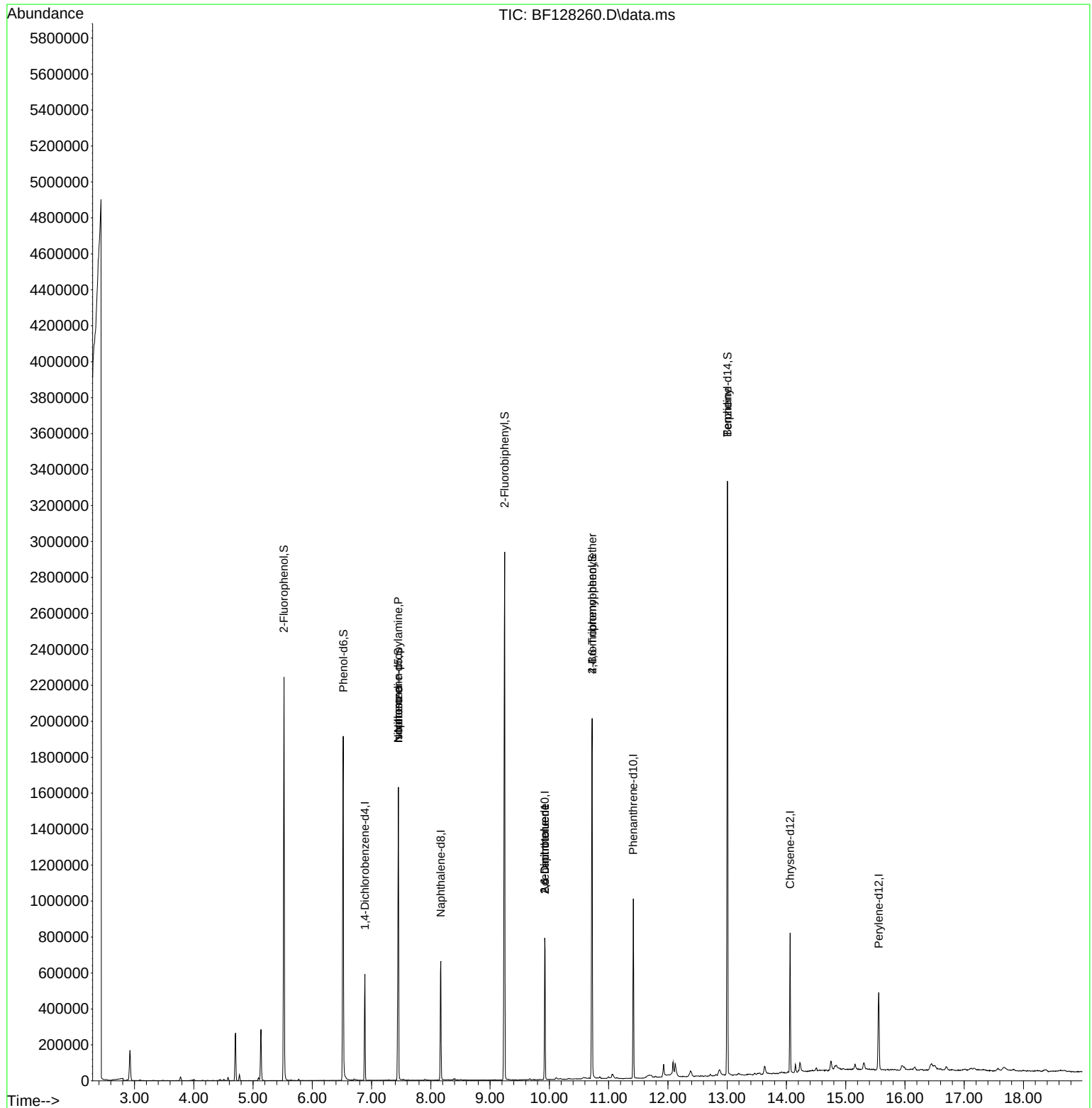
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	76870	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	287691	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	170317	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	323137	20.000	ng	0.00
76) Chrysene-d12	14.063	240	254665	20.000	ng	0.00
86) Perylene-d12	15.557	264	192966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	543528	112.717	ng	0.01
7) Phenol-d6	6.522	99	650513	101.995	ng	0.00
23) Nitrobenzene-d5	7.451	82	549130	85.887	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	253690	129.876	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	906573	83.286	ng	0.00
79) Terphenyl-d14	13.004	244	1196448	88.156	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.446	77	76	Below Cal	#	52
19) n-Nitroso-di-n-propyla...	7.451	70	75792	19.297	ng	# 78
25) Isophorone	7.451	82	547380	54.609	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	22323	9.259	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	22323	6.924	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	15127	4.351	ng	# 1
77) Benzydine	13.004	184	18150	3.291	ng	# 92

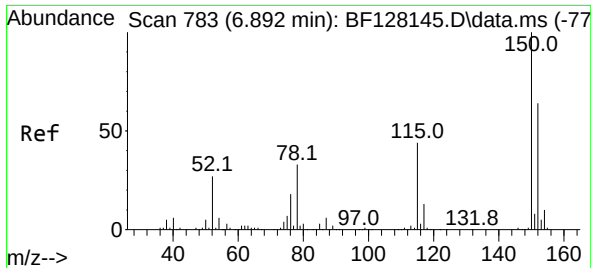
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
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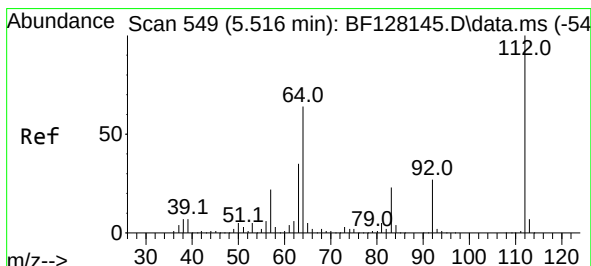
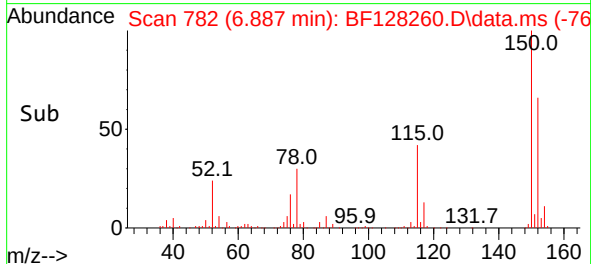
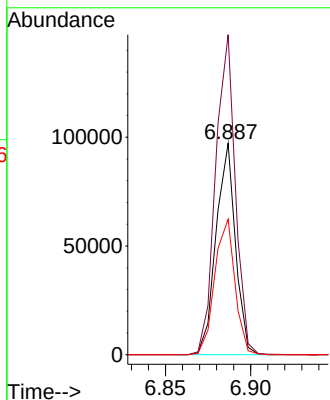
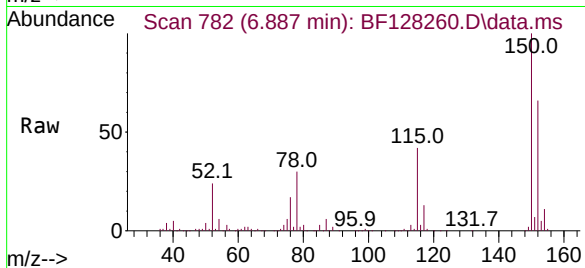




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

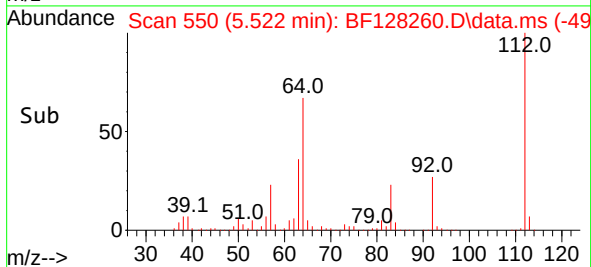
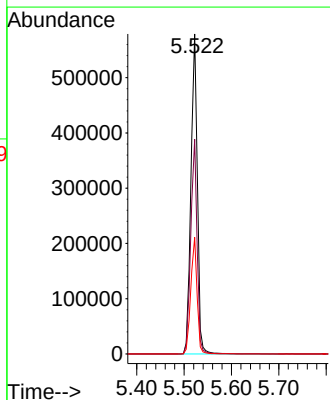
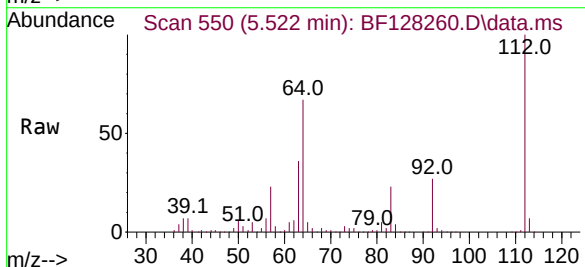
Instrument :
BNA_F
ClientSampleId :
MH-35S

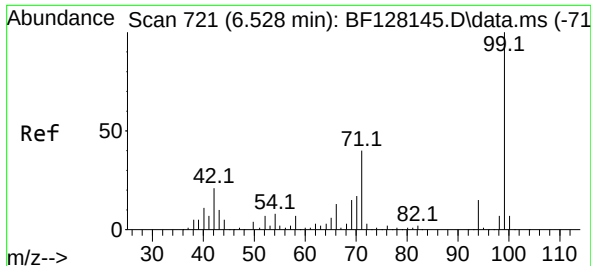
Tgt Ion:152 Resp: 76870
Ion Ratio Lower Upper
152 100
150 151.4 125.3 187.9
115 64.1 48.8 73.2



#5
2-Fluorophenol
Concen: 112.717 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

Tgt Ion:112 Resp: 543528
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 36.4 26.3 39.5

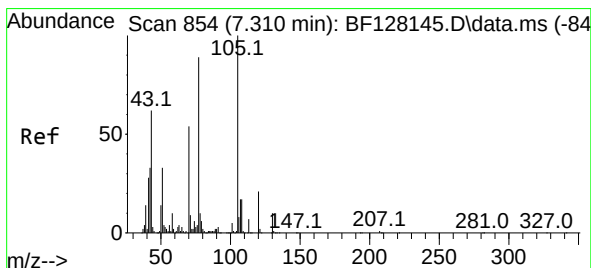
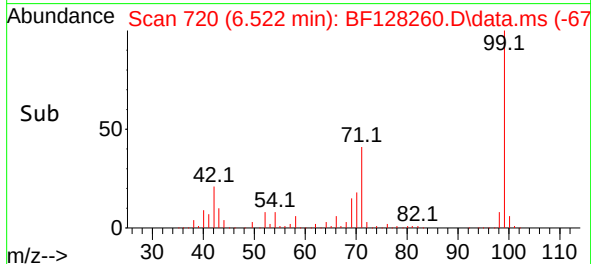
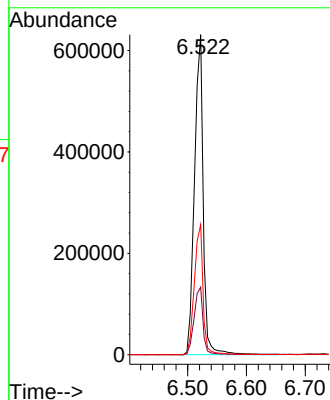
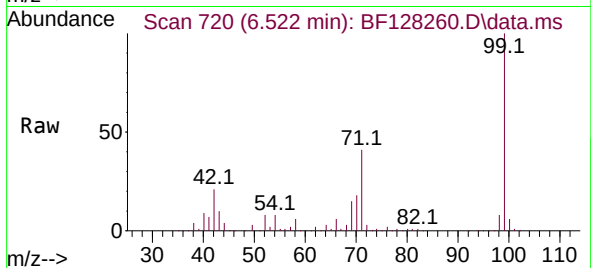




#7
Phenol-d6
Concen: 101.995 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

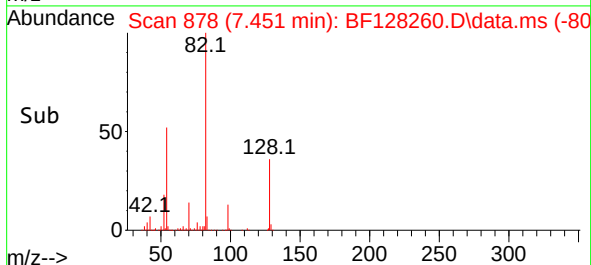
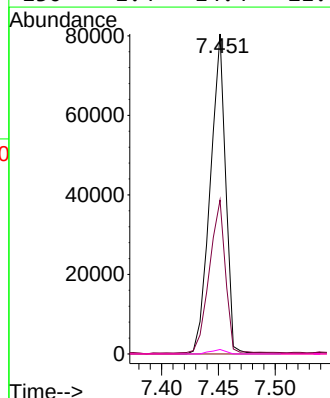
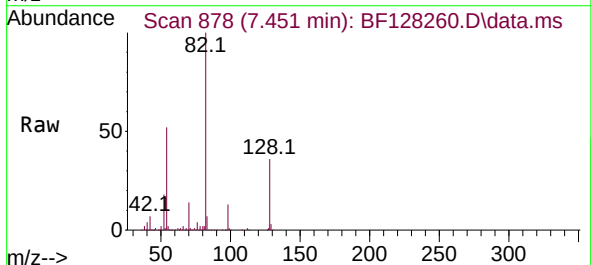
Instrument :
BNA_F
ClientSampleId :
MH-35S

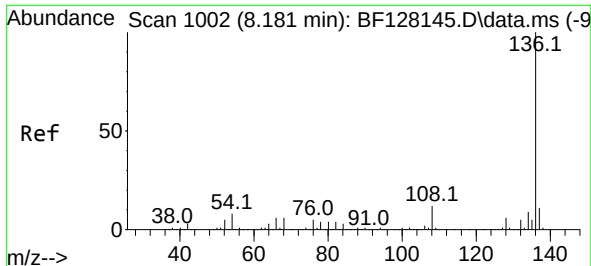
Tgt Ion: 99 Resp: 650513
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.297 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

Tgt Ion: 70 Resp: 75792
Ion Ratio Lower Upper
70 100
42 48.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

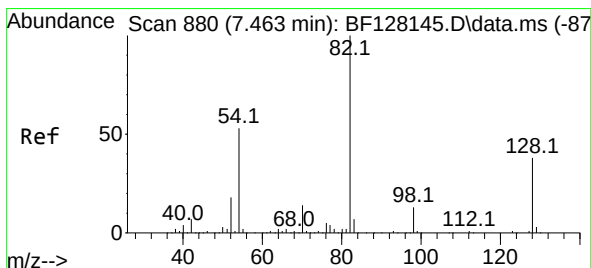
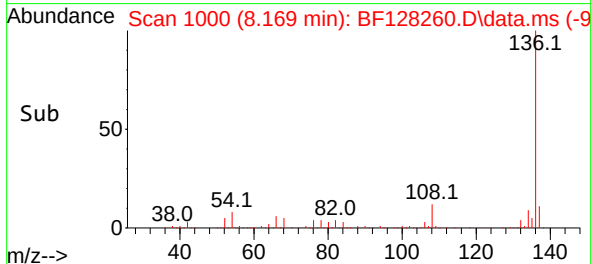
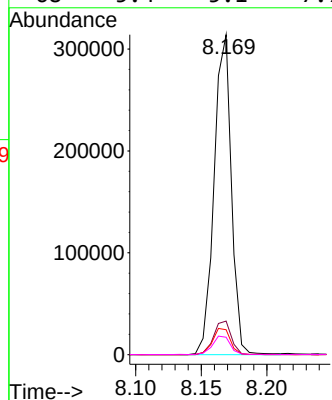
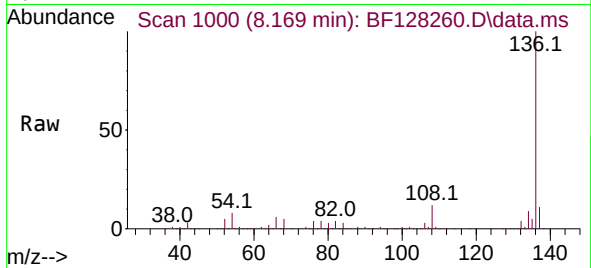




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

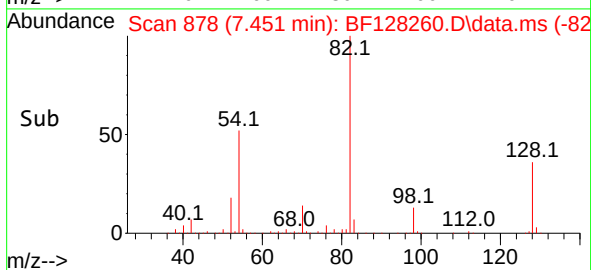
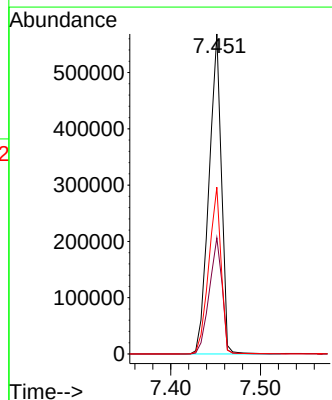
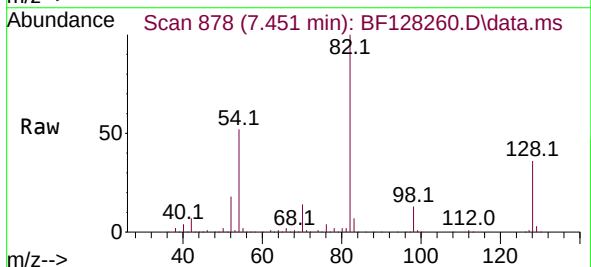
Instrument :
BNA_F
ClientSampleId :
MH-35S

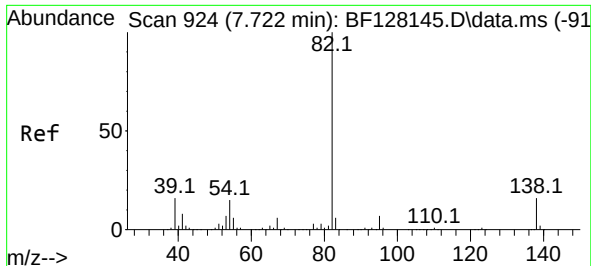
Tgt Ion:136	Resp: 287691
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 7.8	6.8 10.2
68 5.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 85.887 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

Tgt Ion: 82	Resp: 549130
Ion Ratio	Lower Upper
82 100	
128 36.3	30.0 45.0
54 52.1	41.3 61.9

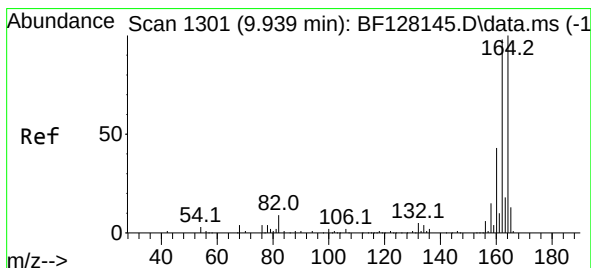
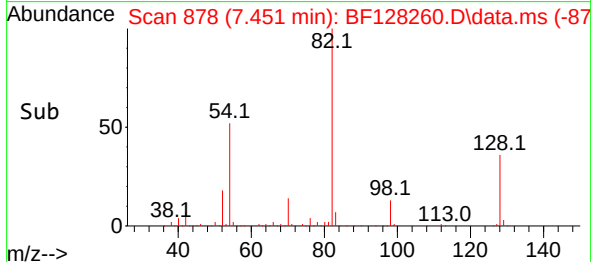
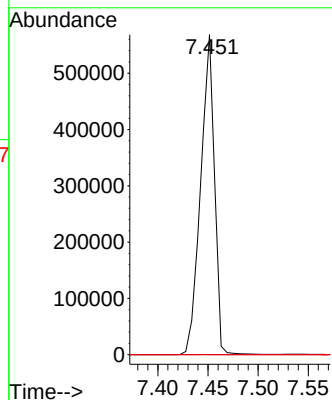
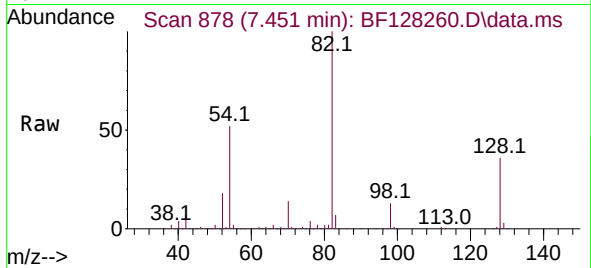




#25
Isophorone
Concen: 54.609 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

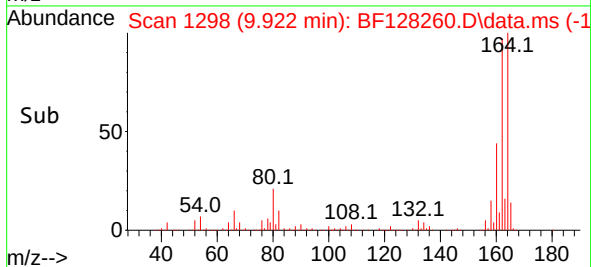
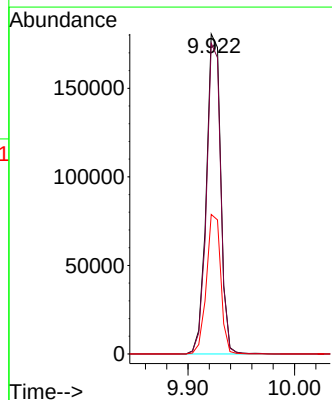
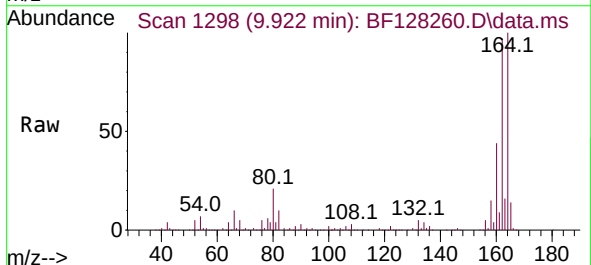
Instrument :
BNA_F
ClientSampleId :
MH-35S

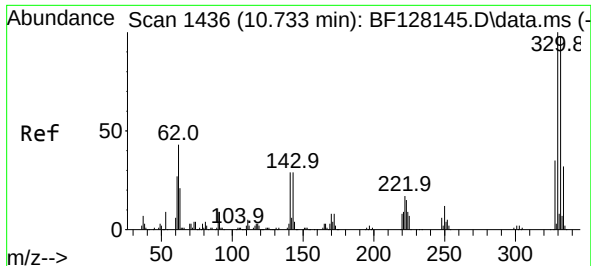
Tgt Ion: 82 Resp: 547380
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

Tgt Ion:164 Resp: 170317
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 129.876 ng

RT: 10.722 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128260.D

Acq: 16 May 2022 11:11

Instrument :

BNA_F

ClientSampleId :

MH-35S

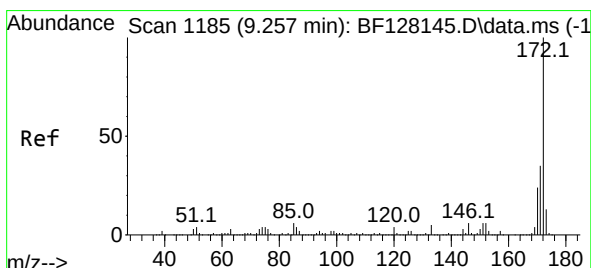
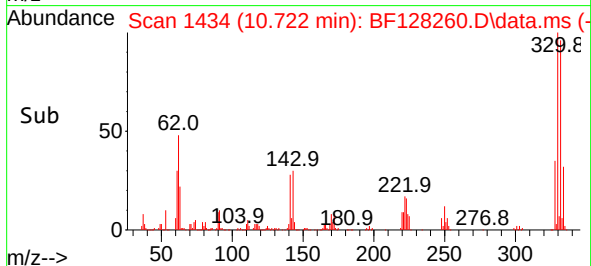
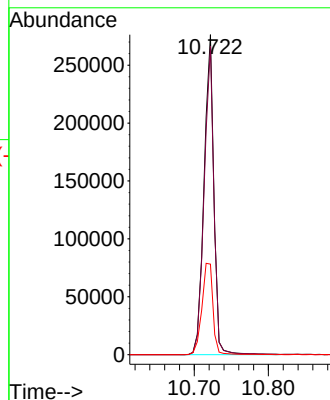
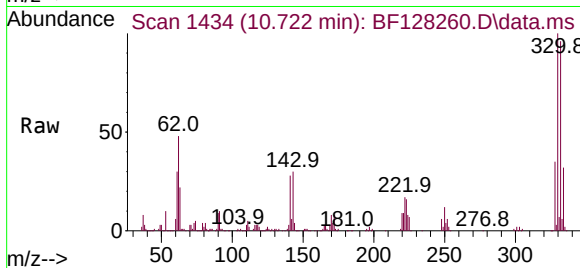
Tgt Ion:330 Resp: 253690

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 32.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 83.286 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128260.D

Acq: 16 May 2022 11:11

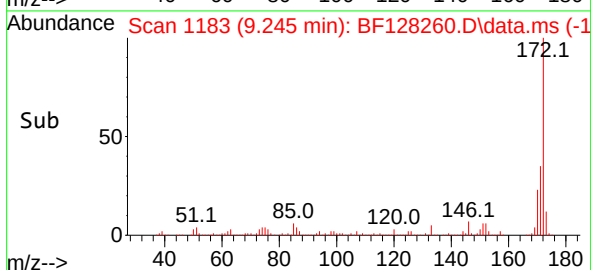
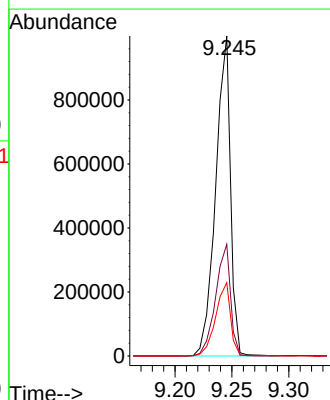
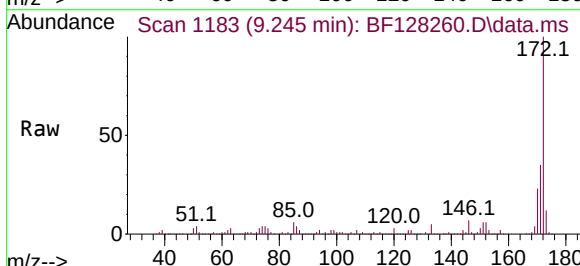
Tgt Ion:172 Resp: 906573

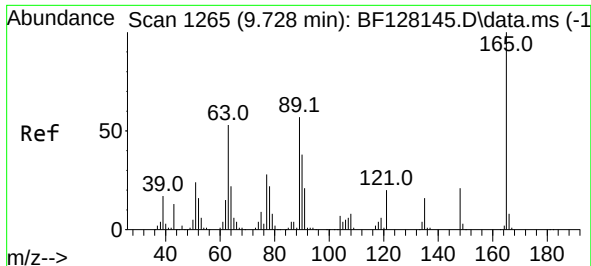
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 22.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.259 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.200 min

Lab File: BF128260.D

Acq: 16 May 2022 11:11

Instrument :

BNA_F

ClientSampleId :

MH-35S

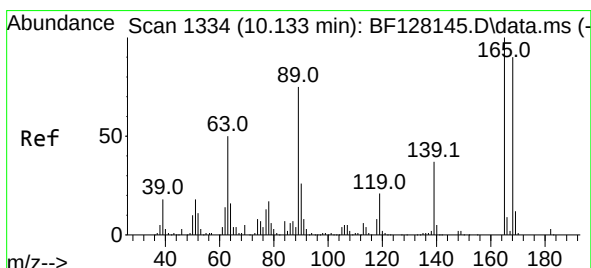
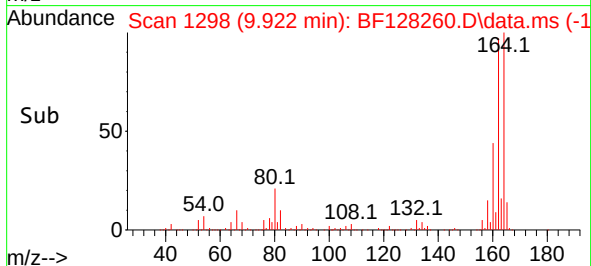
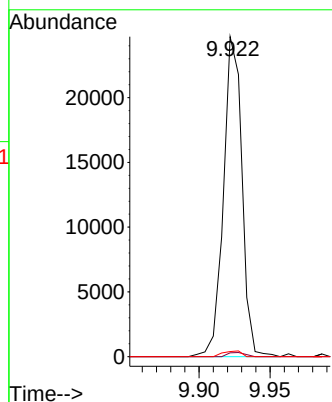
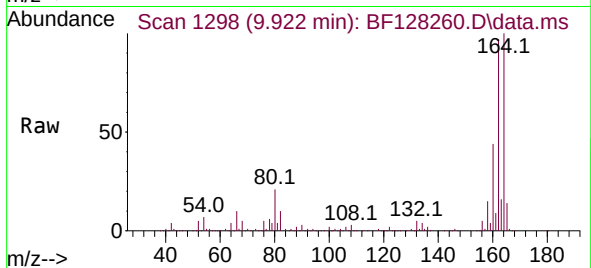
Tgt Ion:165 Resp: 22323

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.924 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.206 min

Lab File: BF128260.D

Acq: 16 May 2022 11:11

Tgt Ion:165 Resp: 22323

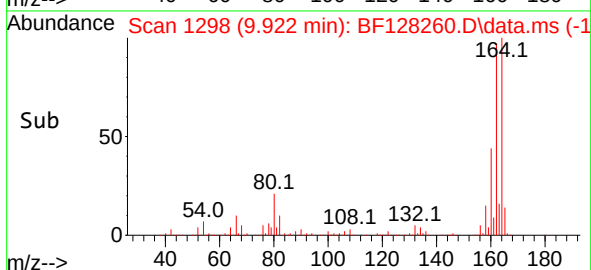
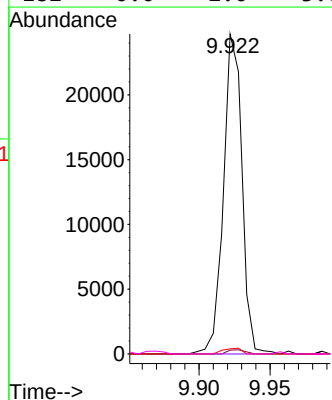
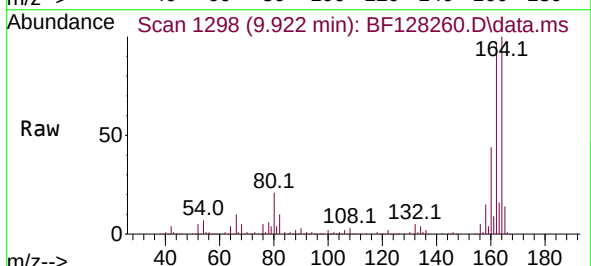
Ion Ratio Lower Upper

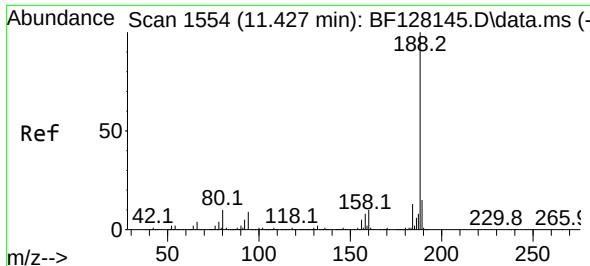
165 100

63 1.2 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

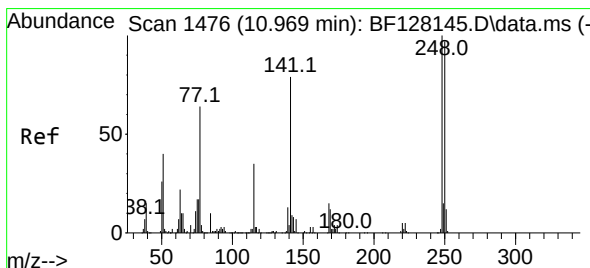
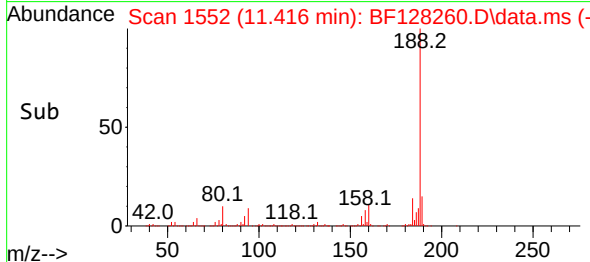
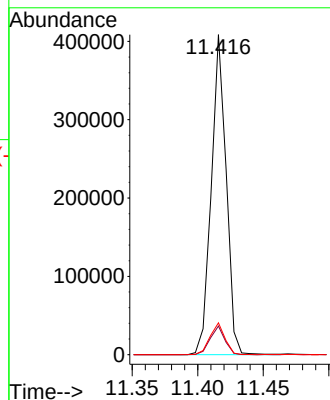
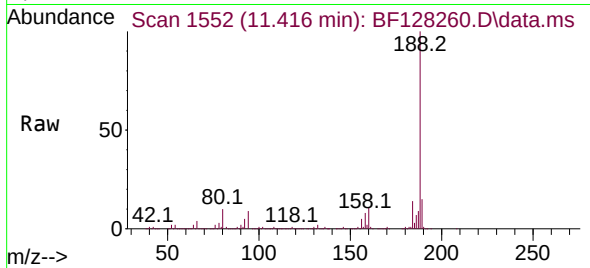




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

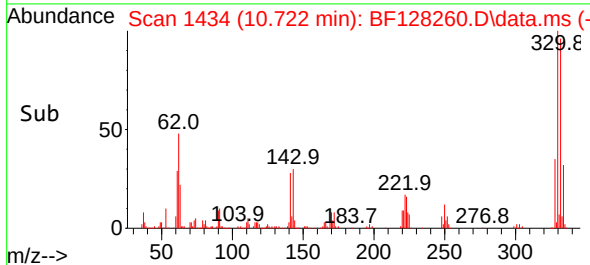
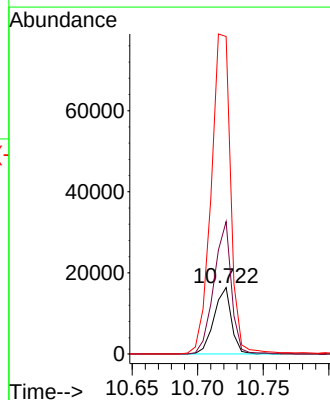
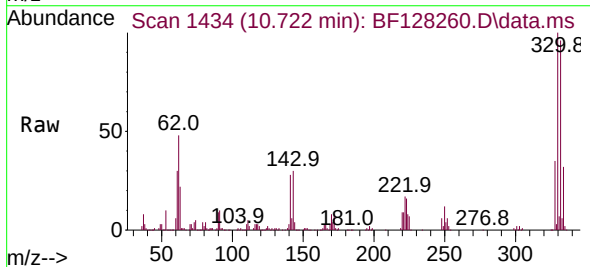
Instrument :
BNA_F
ClientSampleId :
MH-35S

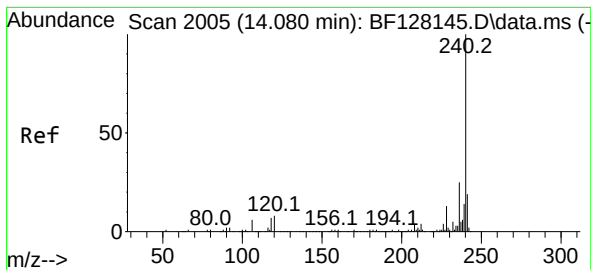
Tgt Ion:188 Resp: 323137
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.241 min
Lab File: BF128260.D
Acq: 16 May 2022 11:11

Tgt Ion:248 Resp: 15127
Ion Ratio Lower Upper
248 100
250 199.5 77.7 116.5#
141 478.5 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF128260.D

Acq: 16 May 2022 11:11

Instrument :

BNA_F

ClientSampleId :

MH-35S

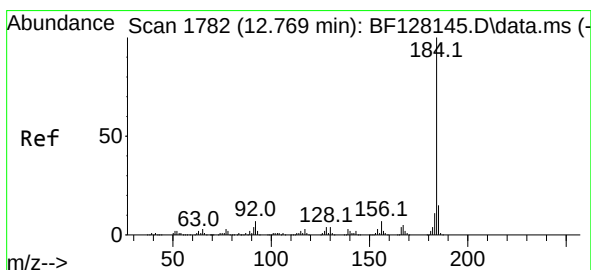
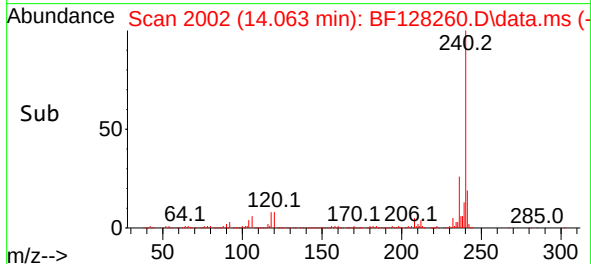
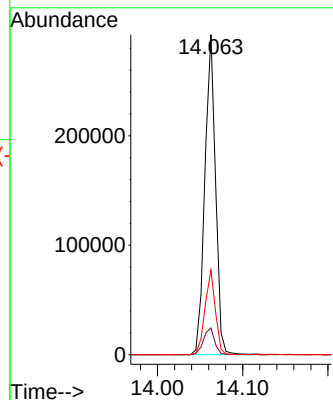
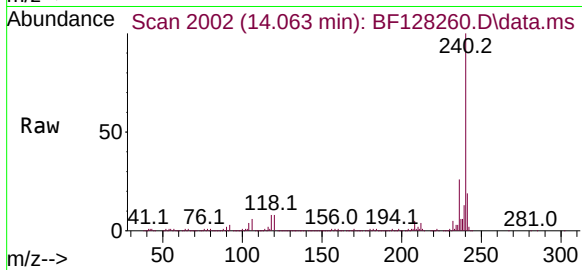
Tgt Ion:240 Resp: 254665

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

236 26.4 20.3 30.5



#77

Benzidine

Concen: 3.291 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.247 min

Lab File: BF128260.D

Acq: 16 May 2022 11:11

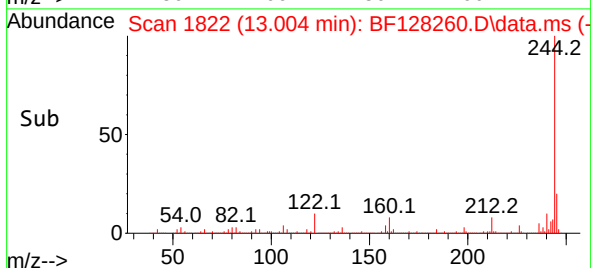
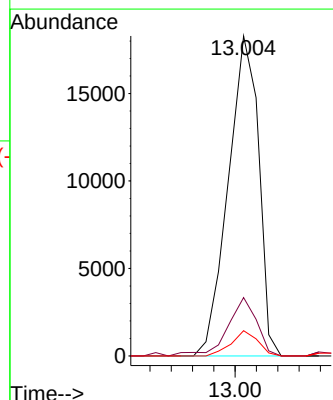
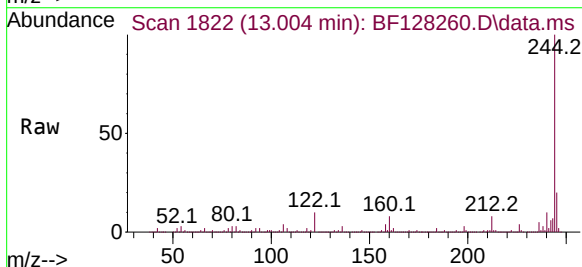
Tgt Ion:184 Resp: 18150

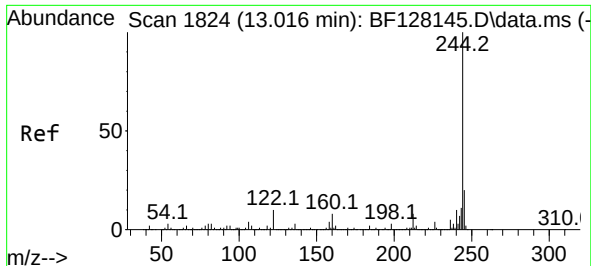
Ion Ratio Lower Upper

184 100

185 18.3 12.1 18.1#

183 7.9 9.0 13.4#

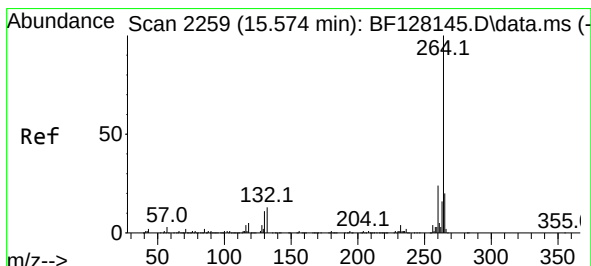
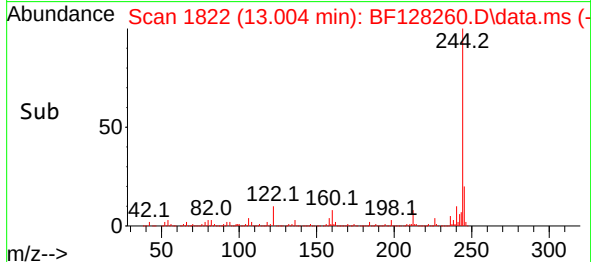
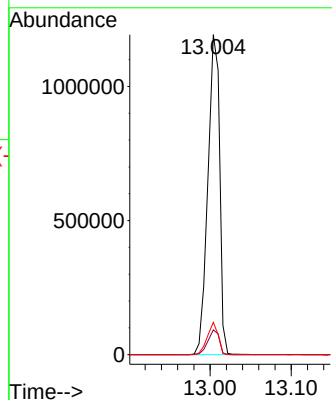
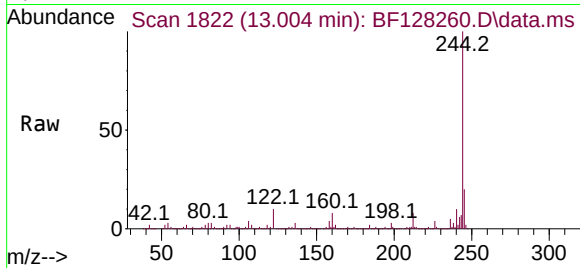




#79
 Terphenyl-d14
 Concen: 88.156 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128260.D
 Acq: 16 May 2022 11:11

Instrument :
 BNA_F
 ClientSampleId :
 MH-35S

Tgt Ion:244 Resp: 1196448
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128260.D
 Acq: 16 May 2022 11:11

Tgt Ion:264 Resp: 192966
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 20.6 17.5 26.3

