

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130380.D
 Acq On : 22 Sep 2022 17:32
 Operator : CG\JU
 Sample : N4609-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN002

Quant Time: Sep 22 17:52:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

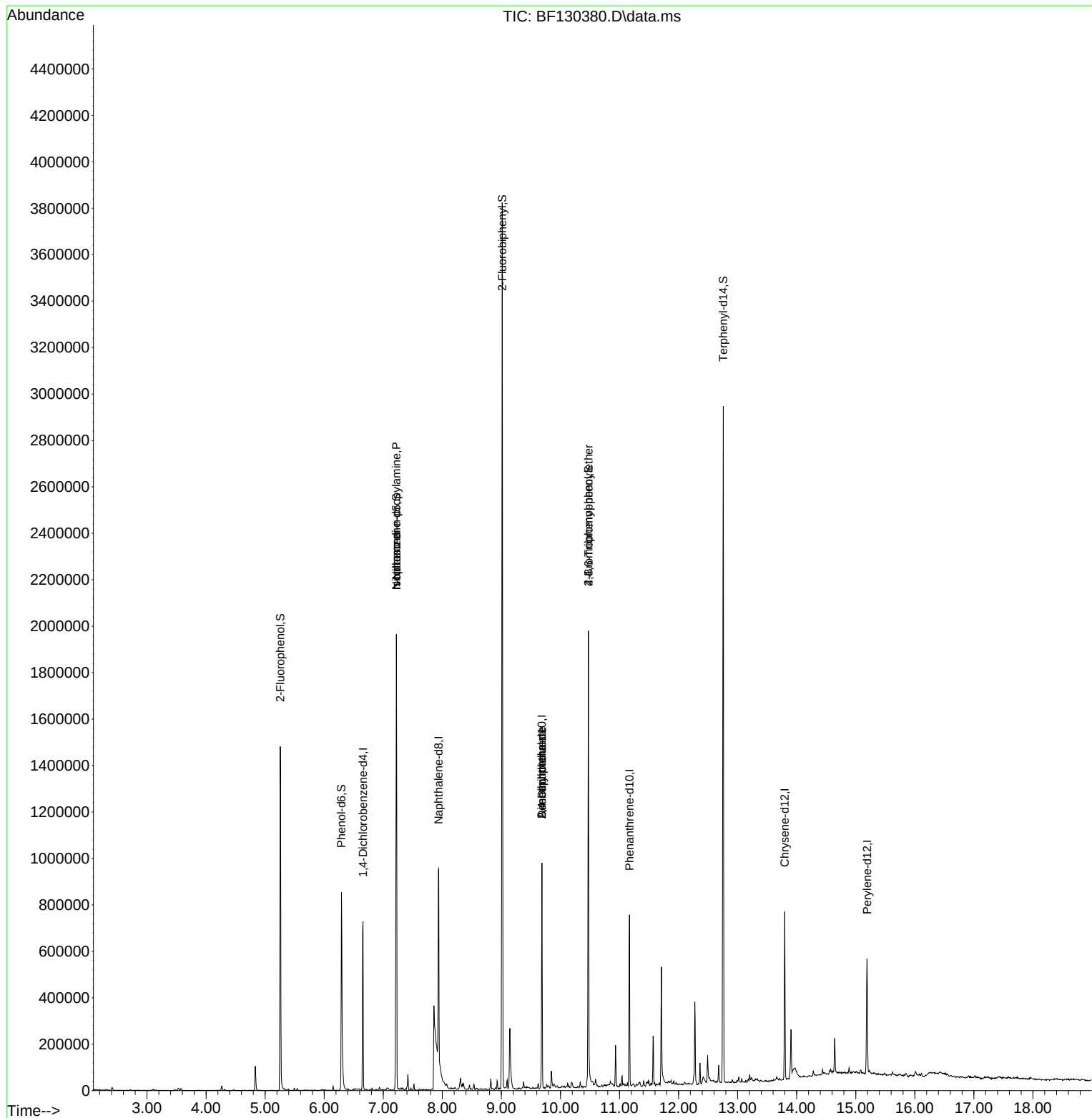
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	105748	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	380380	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	171163	20.000	ng	0.00
64) Phenanthrene-d10	11.168	188	247429	20.000	ng	0.00
76) Chrysene-d12	13.798	240	208815	20.000	ng	0.00
86) Perylene-d12	15.192	264	203950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	410658	67.356	ng	0.00
7) Phenol-d6	6.292	99	314568	41.235	ng	0.00
23) Nitrobenzene-d5	7.222	82	630310	84.656	ng	-0.01
42) 2,4,6-Tribromophenol	10.474	330	222695	135.784	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1059620	90.148	ng	0.00
79) Terphenyl-d14	12.757	244	923784	73.282	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.222	70	86301	16.765	ng	# 73
25) Isophorone	7.222	82	627121	52.258	ng	# 66
50) Dimethylphthalate	9.686	163	31792	2.689	ng	# 1
57) 2,4-Dinitrotoluene	9.686	165	22381	7.082	ng	# 16
67) 4-Bromophenyl-phenylether	10.474	248	13694	5.017	ng	# 1

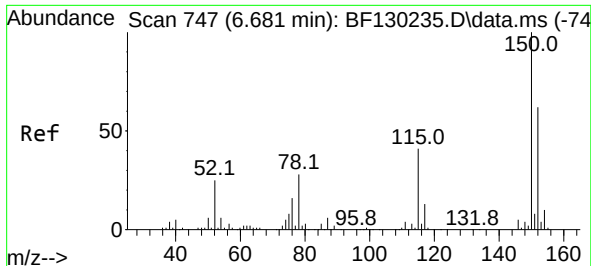
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

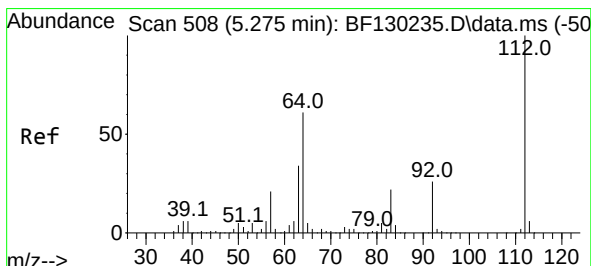
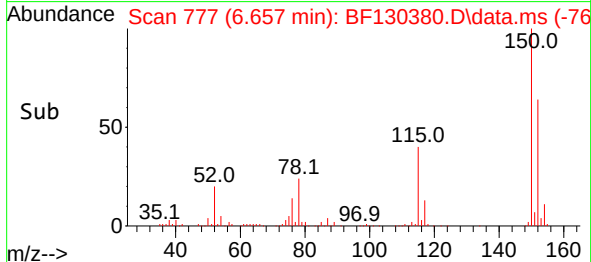
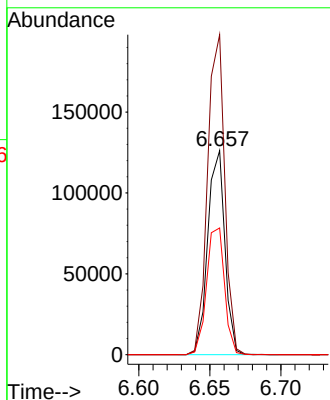
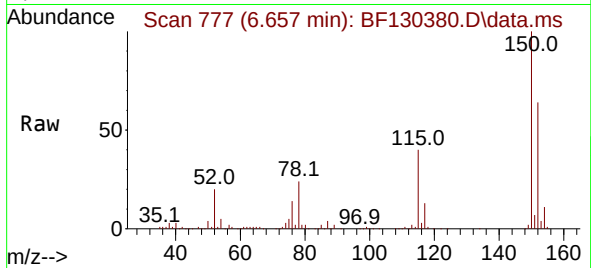




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

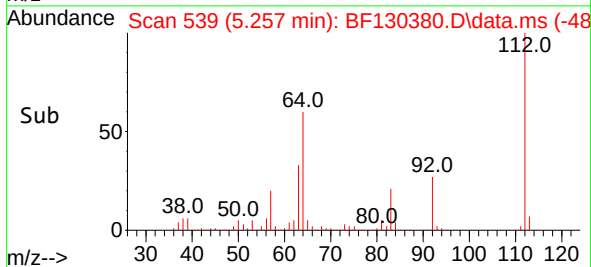
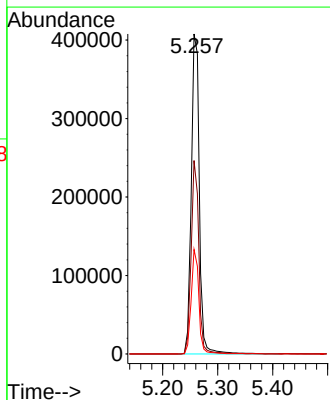
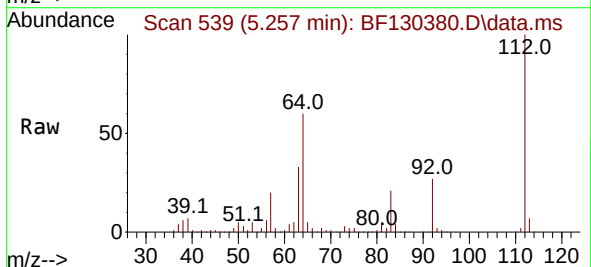
Instrument :
BNA_F
ClientSampleId :
DSN002

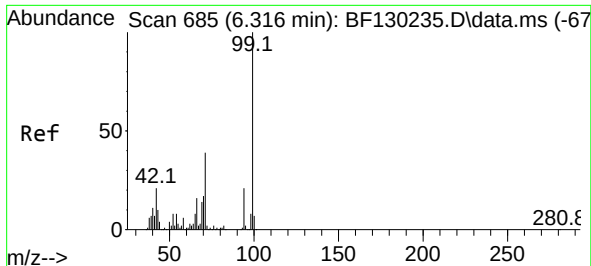
Tgt Ion:152 Resp: 105748
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 62.1 53.8 80.8



#5
2-Fluorophenol
Concen: 67.356 ng
RT: 5.257 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

Tgt Ion:112 Resp: 410658
Ion Ratio Lower Upper
112 100
64 60.4 51.4 77.0
63 32.7 28.8 43.2

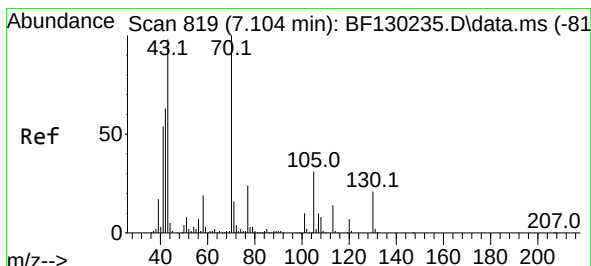
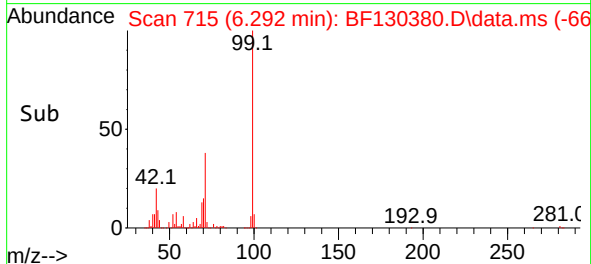
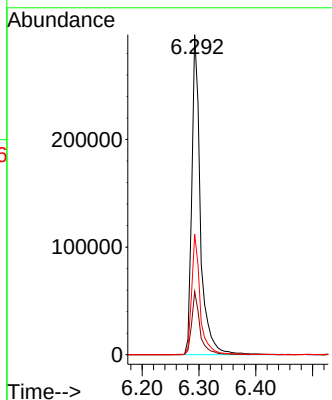
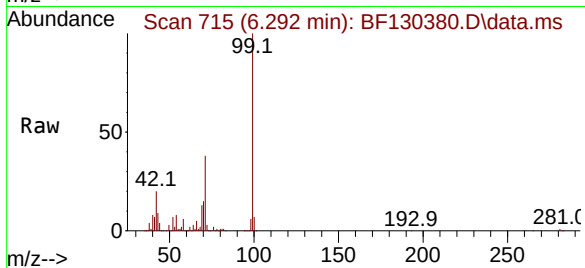




#7
Phenol-d6
Concen: 41.235 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

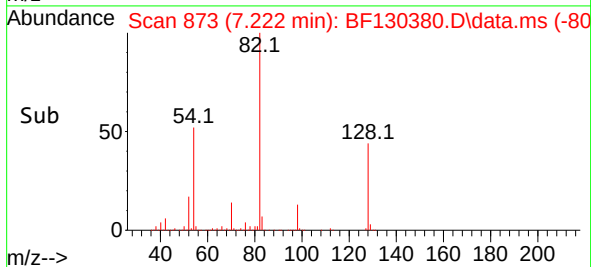
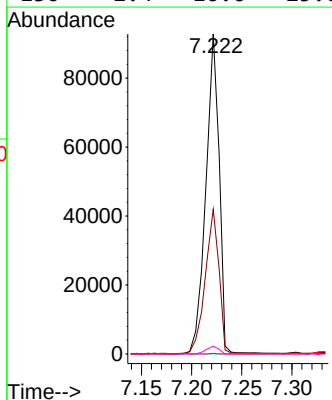
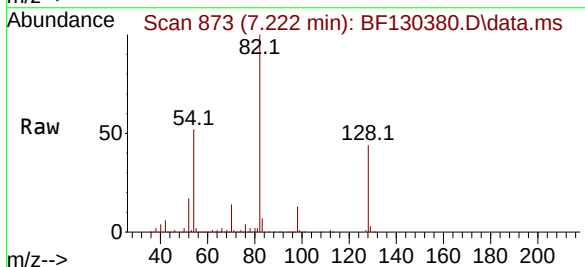
Instrument :
BNA_F
ClientSampleId :
DSN002

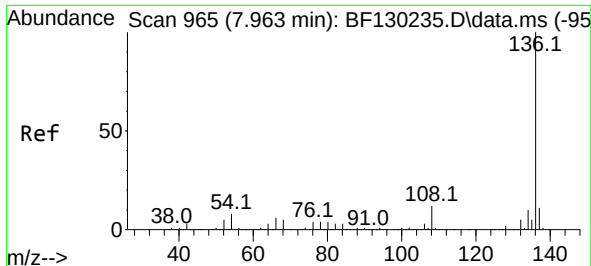
Tgt Ion: 99 Resp: 314568
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 37.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.765 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

Tgt Ion: 70 Resp: 86301
Ion Ratio Lower Upper
70 100
42 45.2 50.8 76.2#
101 0.2 8.2 12.4#
130 2.4 16.6 25.0#

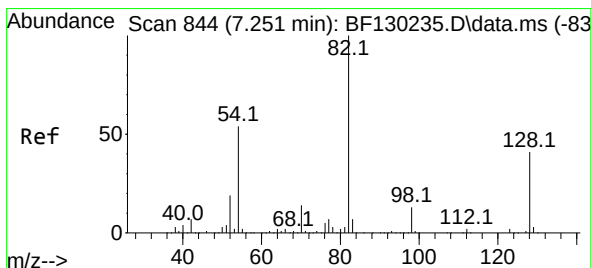
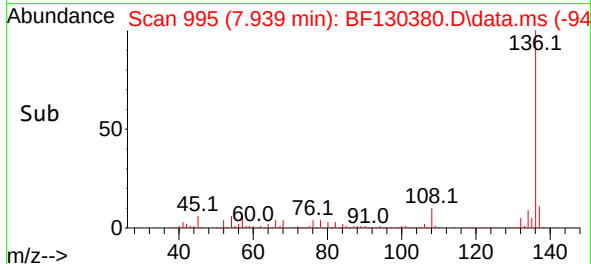
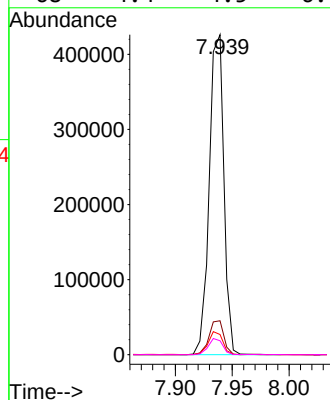
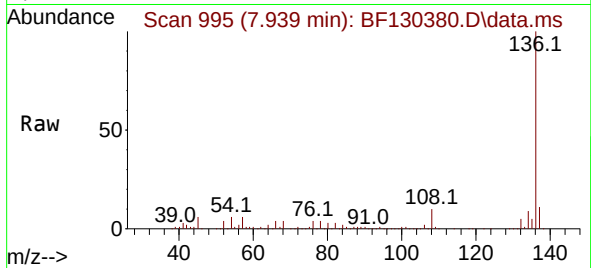




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

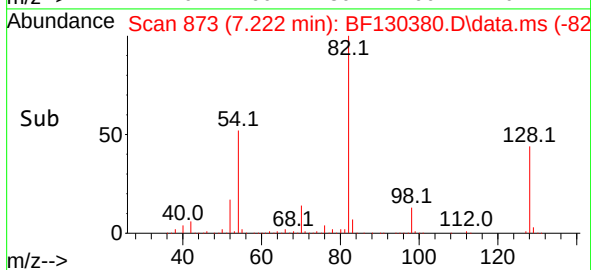
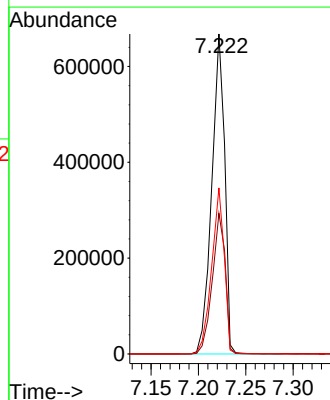
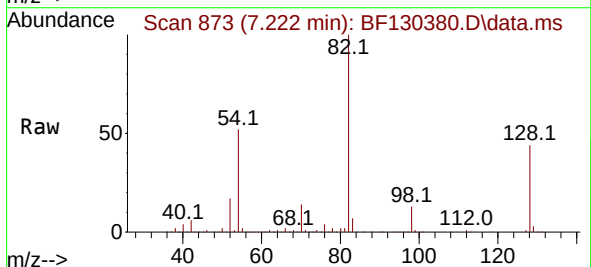
Instrument :
BNA_F
ClientSampleId :
DSN002

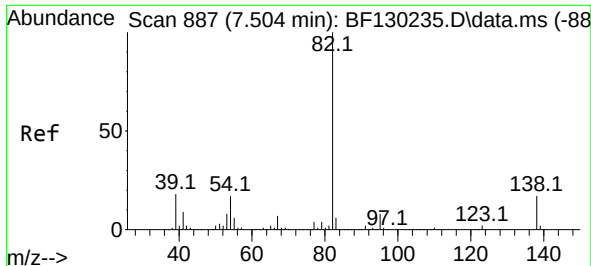
Tgt Ion:136 Resp: 380380
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.3 7.1 10.7#
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 84.656 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

Tgt Ion: 82 Resp: 630310
Ion Ratio Lower Upper
82 100
128 44.0 32.6 49.0
54 51.9 43.8 65.6

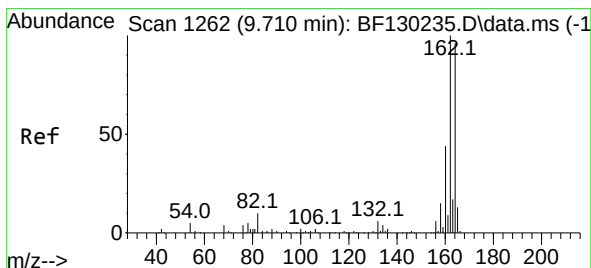
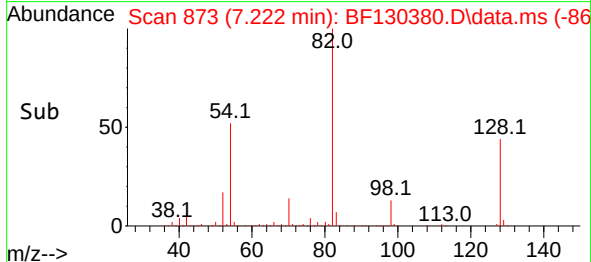
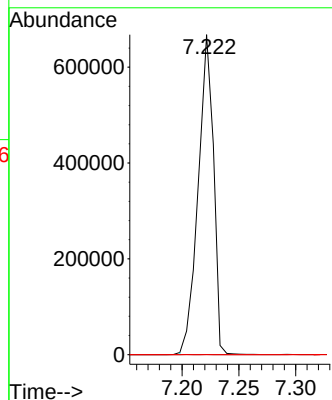
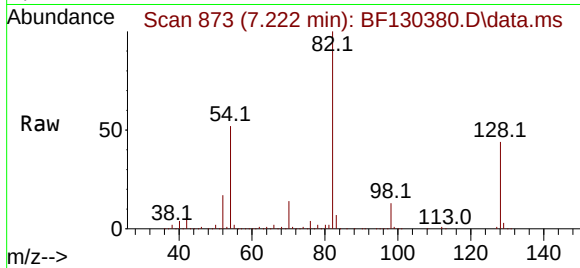




#25
Isophorone
Concen: 52.258 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

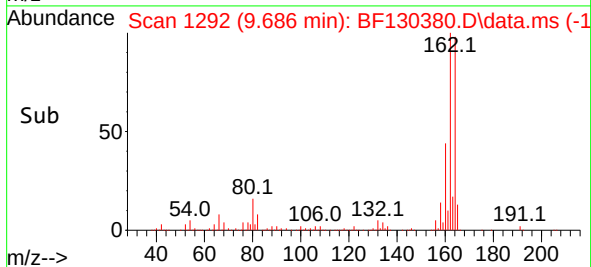
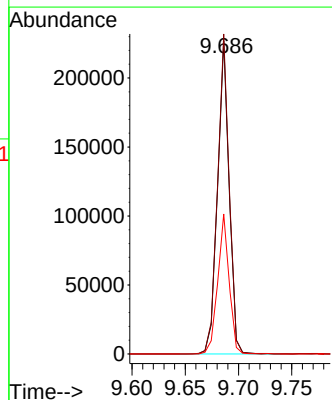
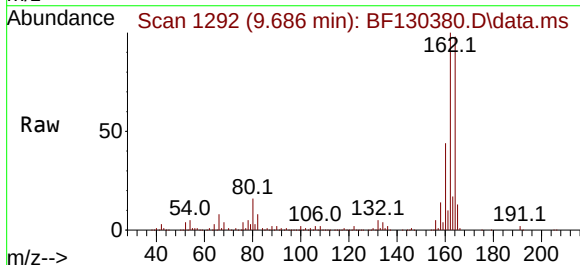
Instrument :
BNA_F
ClientSampleId :
DSN002

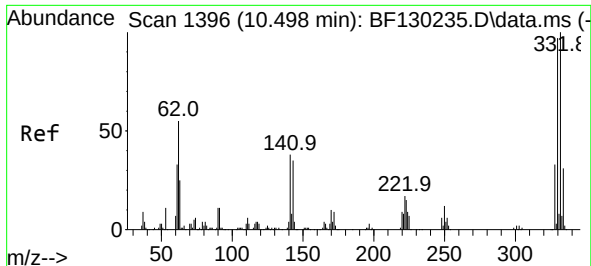
Tgt Ion: 82 Resp: 627121
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

Tgt Ion:164 Resp: 171163
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 135.784 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130380.D

Acq: 22 Sep 2022 17:32

Instrument :

BNA_F

ClientSampleId :

DSN002

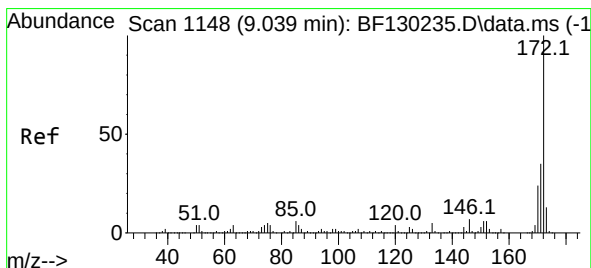
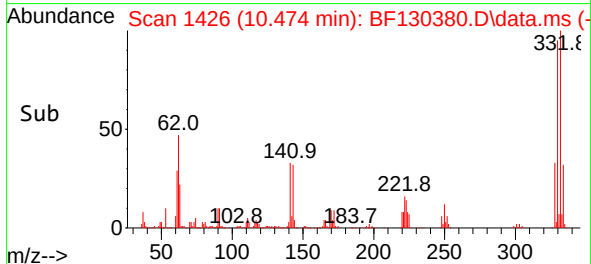
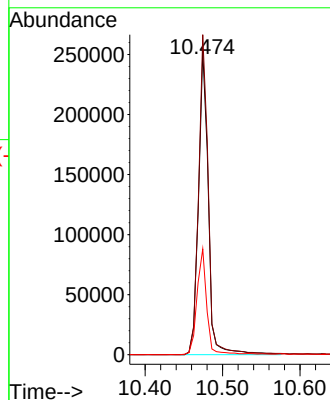
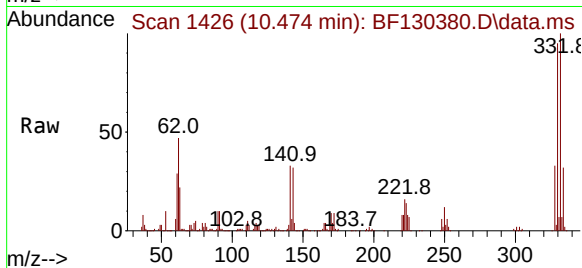
Tgt Ion:330 Resp: 222695

Ion Ratio Lower Upper

330 100

332 105.1 83.4 125.2

141 35.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 90.148 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130380.D

Acq: 22 Sep 2022 17:32

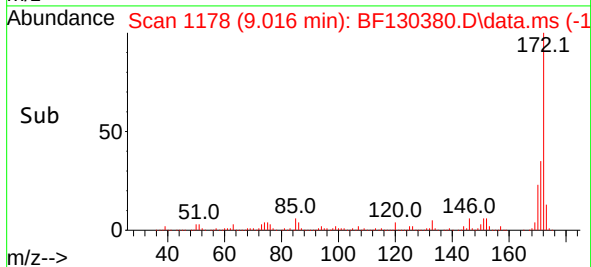
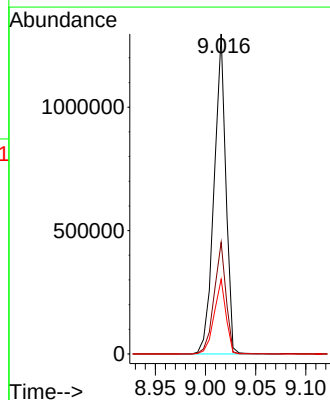
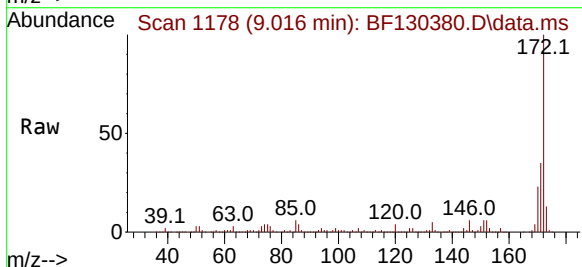
Tgt Ion:172 Resp: 1059620

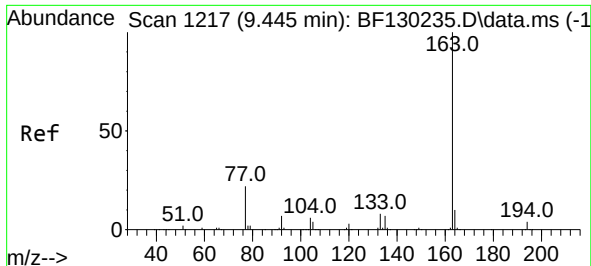
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.4 18.7 28.1

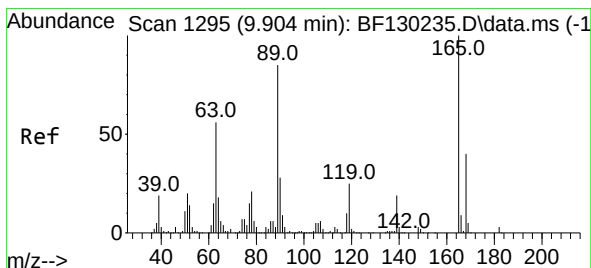
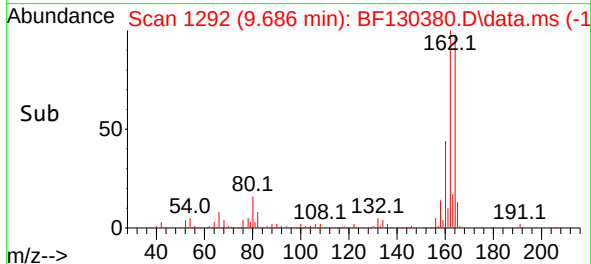
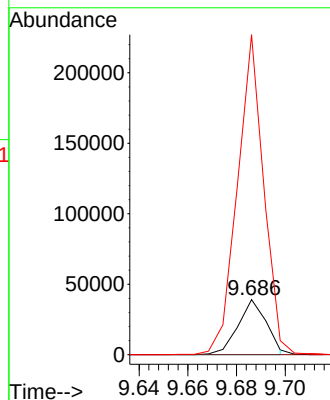
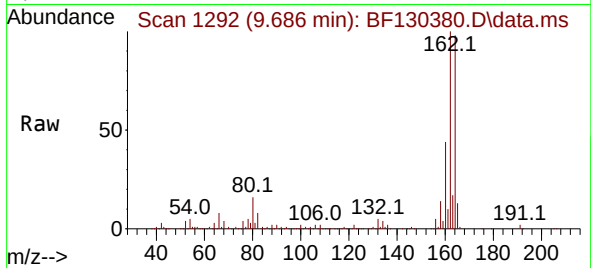




#50
Dimethylphthalate
Concen: 2.689 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

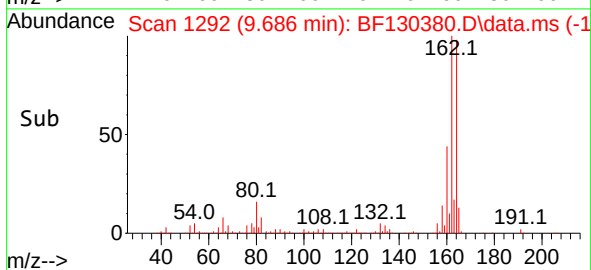
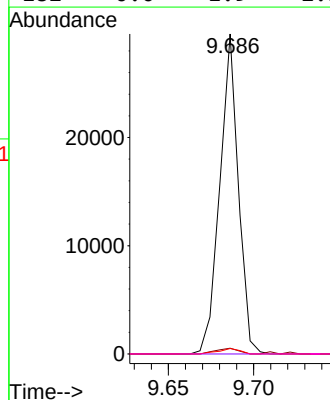
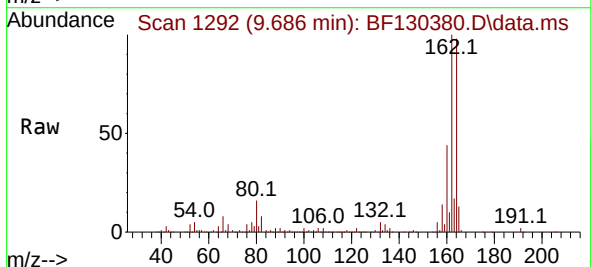
Instrument :
BNA_F
ClientSampleId :
DSN002

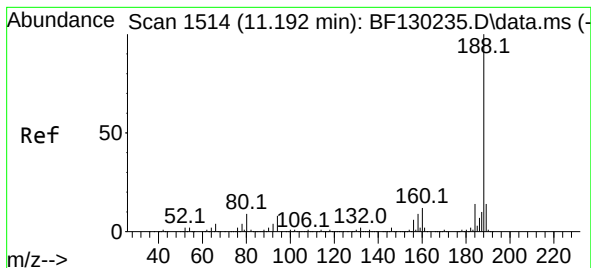
Tgt Ion:163 Resp: 31792
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 582.0 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 7.082 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

Tgt Ion:165 Resp: 22381
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.168 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130380.D

Acq: 22 Sep 2022 17:32

Instrument :

BNA_F

ClientSampleId :

DSN002

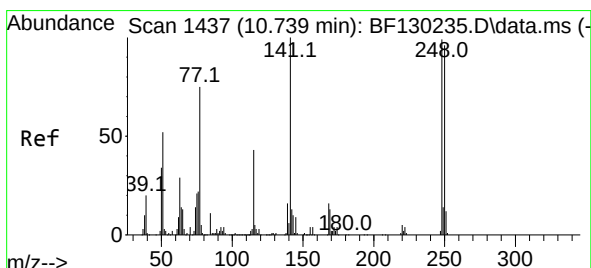
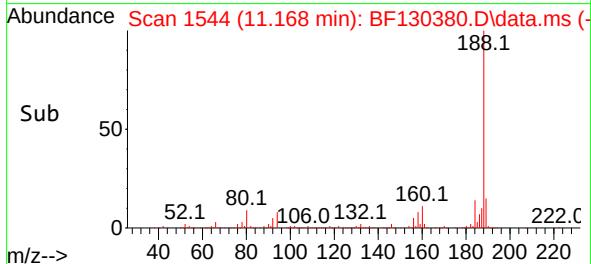
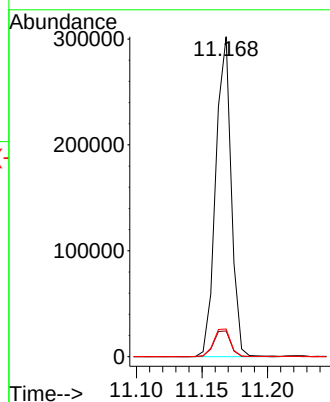
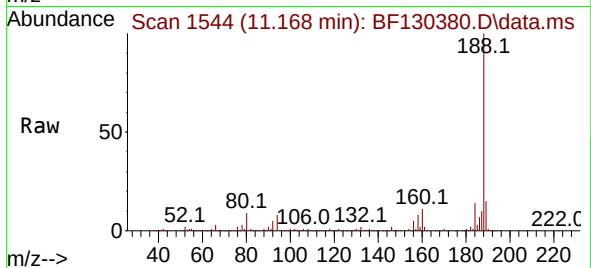
Tgt Ion:188 Resp: 247429

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 8.6 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.017 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF130380.D

Acq: 22 Sep 2022 17:32

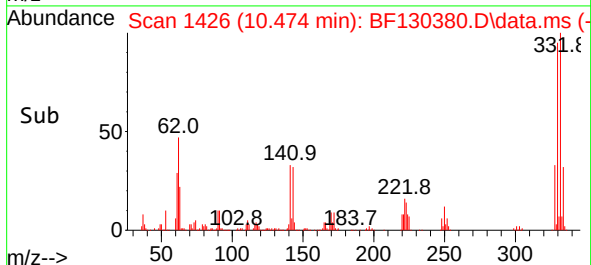
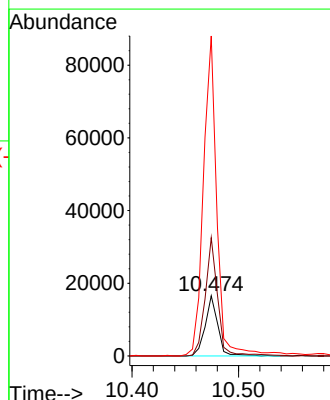
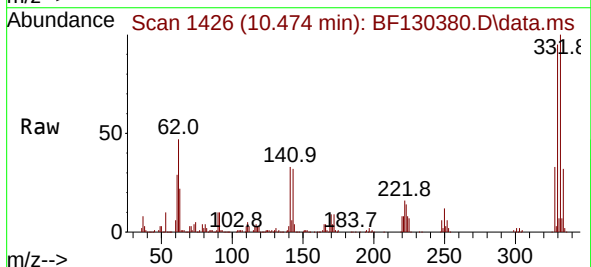
Tgt Ion:248 Resp: 13694

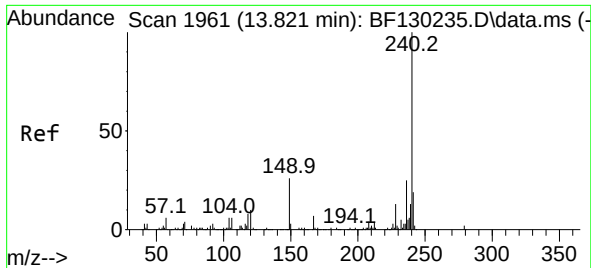
Ion Ratio Lower Upper

248 100

250 196.5 80.0 120.0#

141 531.9 68.5 102.7#

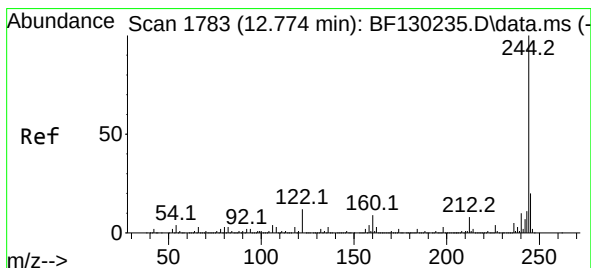
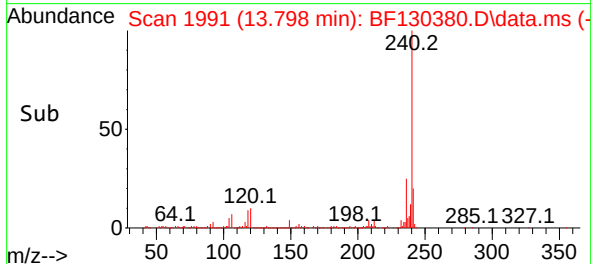
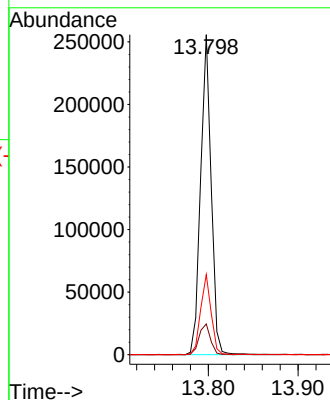
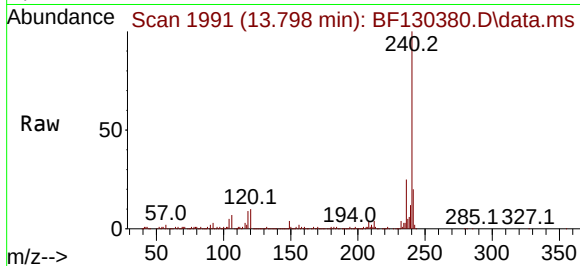




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

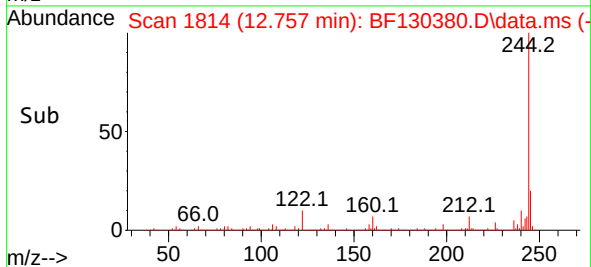
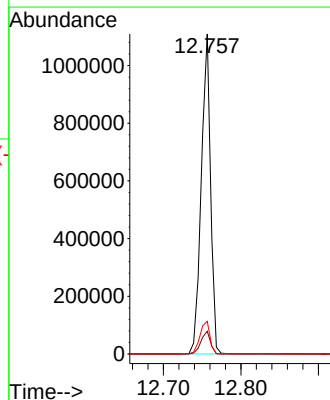
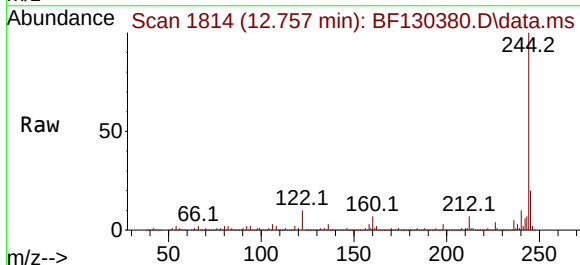
Instrument :
BNA_F
ClientSampleId :
DSN002

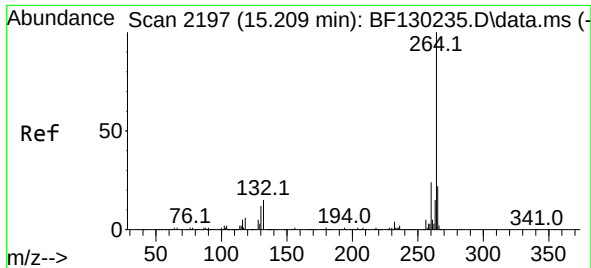
Tgt Ion:240 Resp: 208815
Ion Ratio Lower Upper
240 100
120 9.6 8.7 13.1
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 73.282 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF130380.D
Acq: 22 Sep 2022 17:32

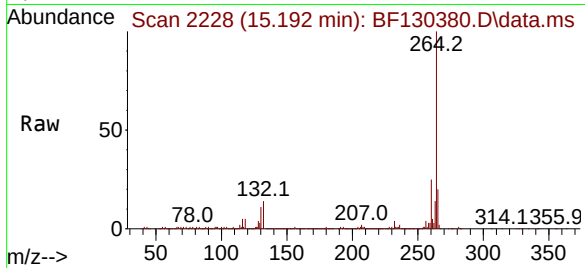
Tgt Ion:244 Resp: 923784
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.2 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130380.D
 Acq: 22 Sep 2022 17:32

Instrument :
 BNA_F
 ClientSampleId :
 DSN002



Tgt Ion:264 Resp: 203950
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 20.4 17.0 25.4

