

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131033.D
 Acq On : 05 Nov 2022 22:38
 Operator : CG\JU
 Sample : N5335-06DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2DL

Quant Time: Nov 07 00:52:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

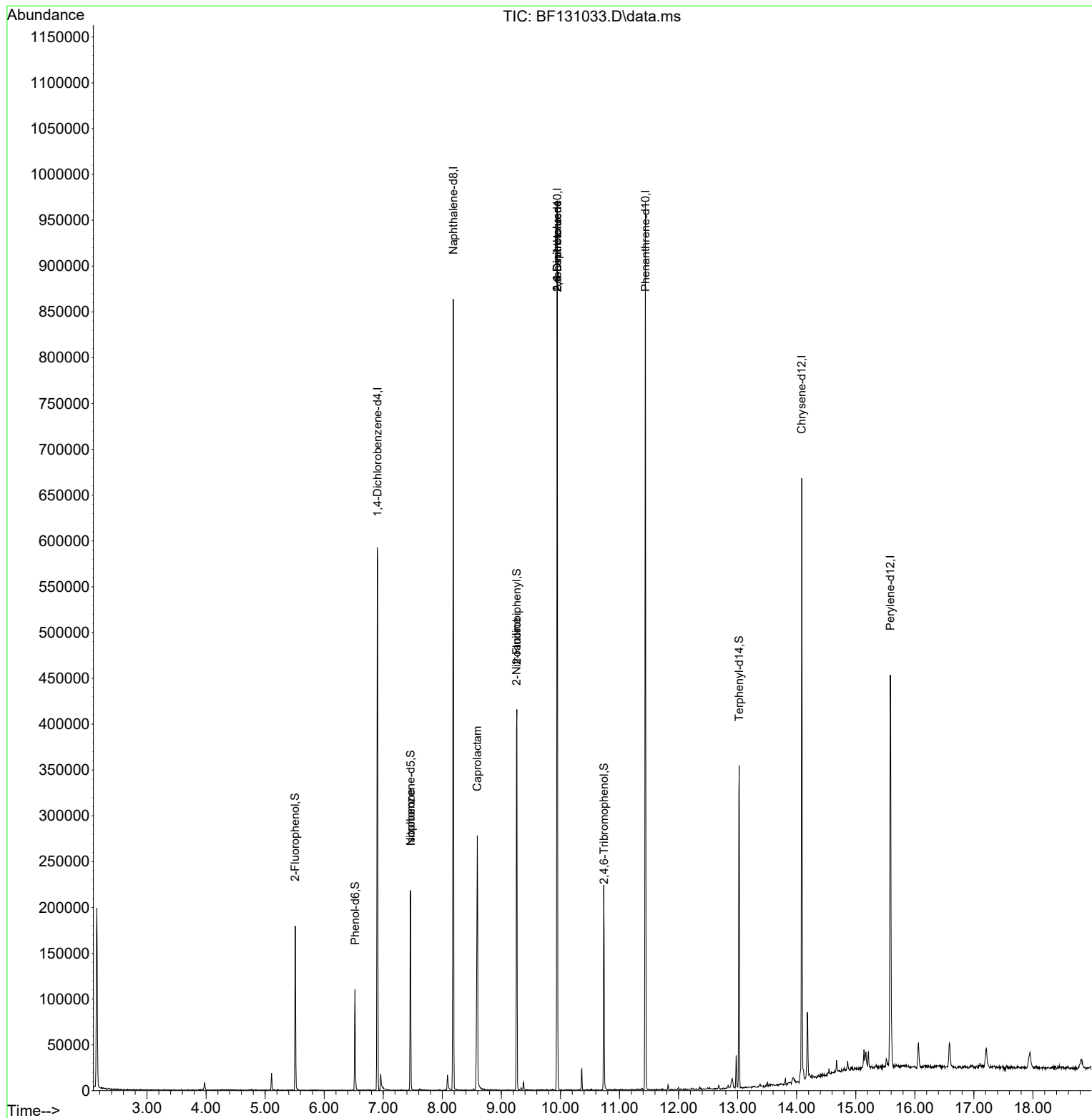
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	87684	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	333561	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	180334	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	307915	20.000	ng	0.00
76) Chrysene-d12	14.086	240	201616	20.000	ng	0.00
86) Perylene-d12	15.586	264	191902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	41967	8.297	ng	0.00
7) Phenol-d6	6.522	99	32271	4.910	ng	0.00
23) Nitrobenzene-d5	7.463	82	67783	12.253	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	23985	15.800	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	128691	10.789	ng	0.00
79) Terphenyl-d14	13.027	244	120768	10.976	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.463	82	67782	5.942	ng	# 66
35) Caprolactam	8.592	113	29677	18.962	ng	# 99
48) 2-Nitroaniline	9.257	65	169	4.194	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	23149	12.049	ng	# 14
57) 2,4-Dinitrotoluene	9.945	165	23149	10.927	ng	# 20

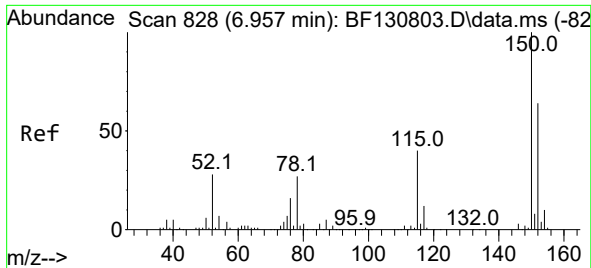
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
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Operator : CG\JU
Sample : N5335-06DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Nov 07 00:52:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
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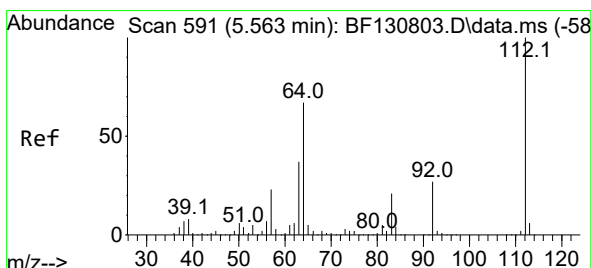
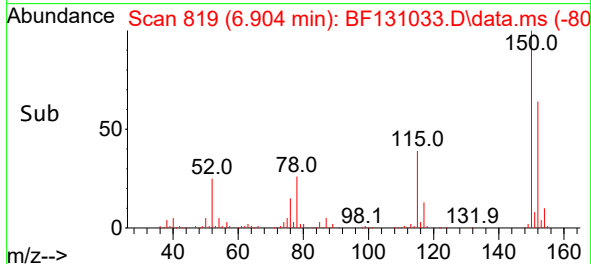
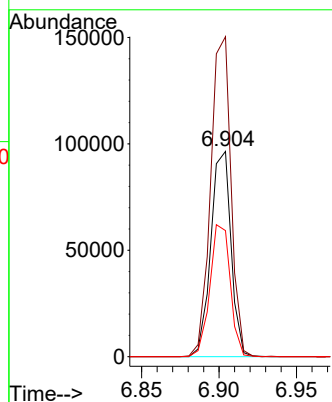
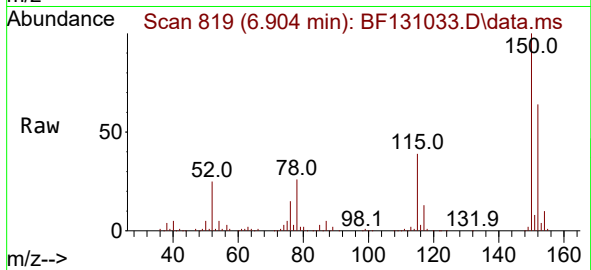




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131033.D
 Acq: 05 Nov 2022 22:38

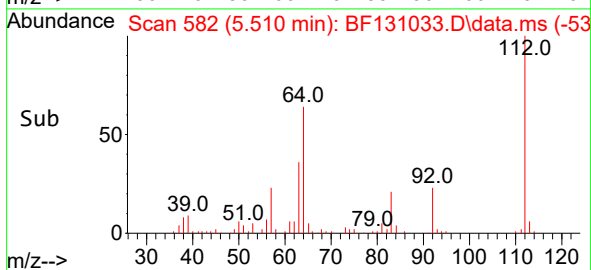
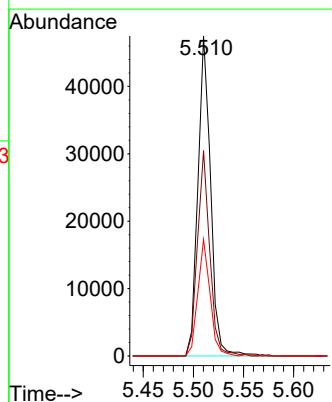
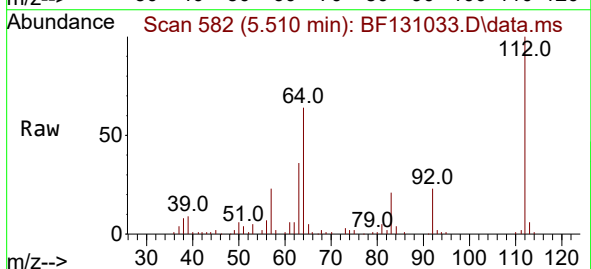
Instrument :
 BNA_F
 ClientSampleId :
 SB-2DL

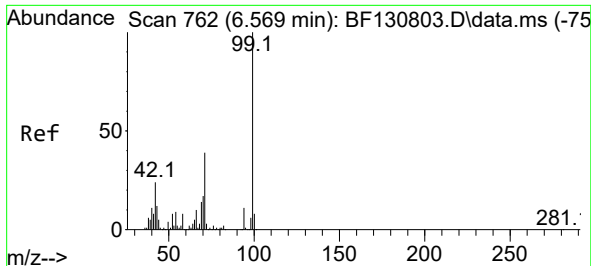
Tgt Ion:152 Resp: 87684
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.1 186.1
 115 61.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 8.297 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.006 min
 Lab File: BF131033.D
 Acq: 05 Nov 2022 22:38

Tgt Ion:112 Resp: 41967
 Ion Ratio Lower Upper
 112 100
 64 64.2 53.9 80.9
 63 36.4 29.4 44.2

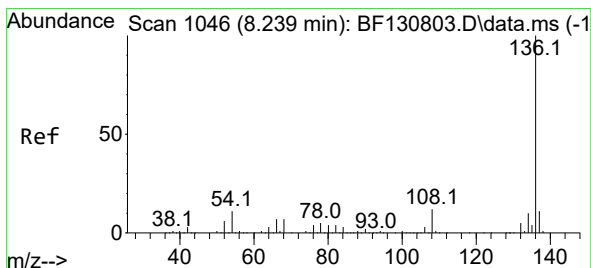
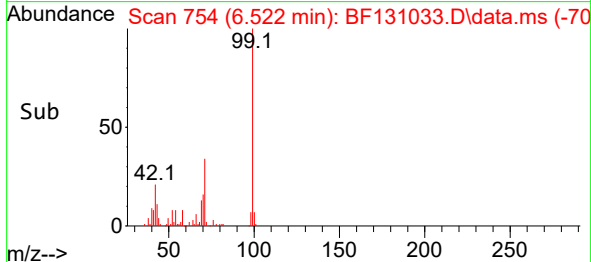
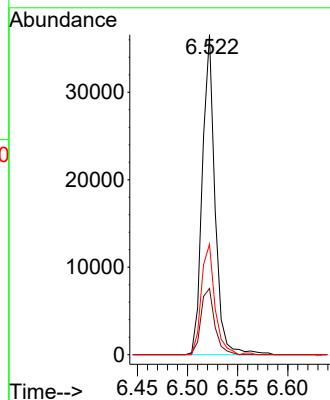
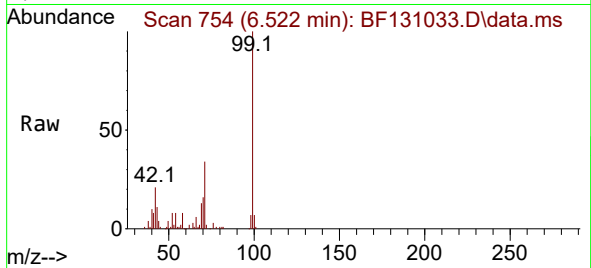




#7
Phenol-d6
Concen: 4.910 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

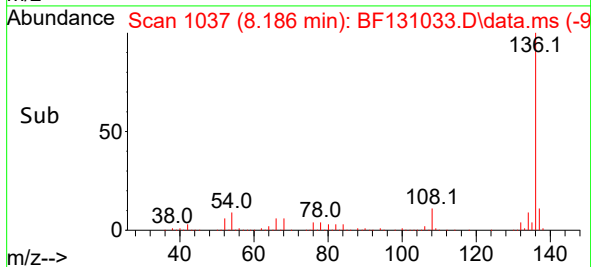
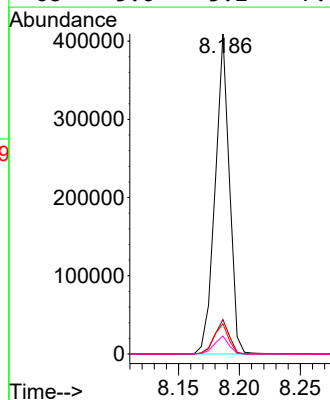
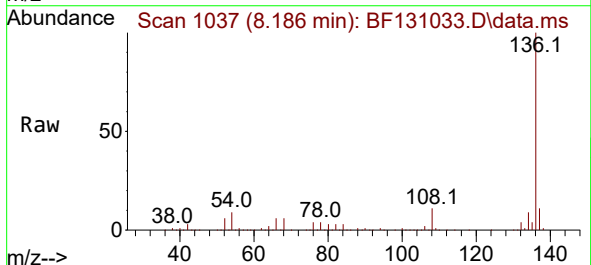
Instrument :
BNA_F
ClientSampleId :
SB-2DL

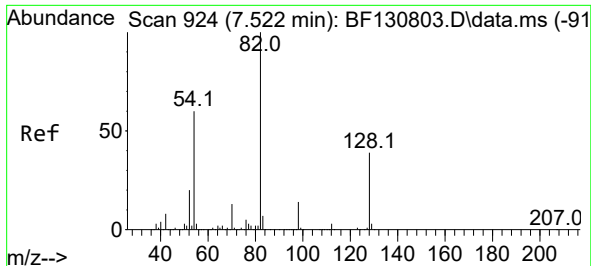
Tgt Ion: 99 Resp: 32271
Ion Ratio Lower Upper
99 100
42 20.7 18.8 28.2
71 34.5 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

Tgt Ion: 136 Resp: 333561
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.4 8.8 13.2
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 12.253 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF131033.D

Acq: 05 Nov 2022 22:38

Instrument :

BNA_F

ClientSampleId :

SB-2DL

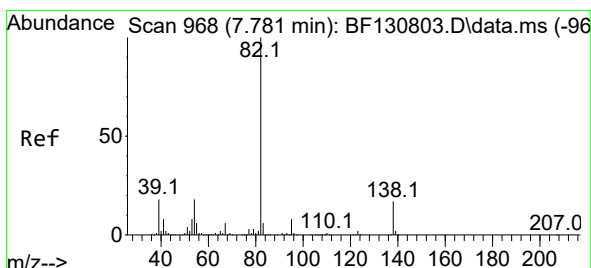
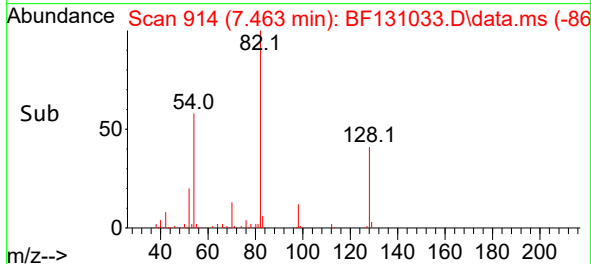
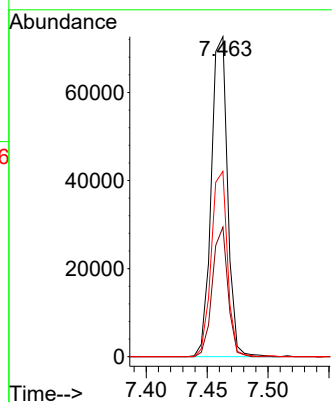
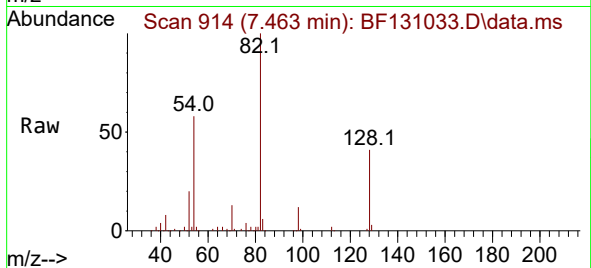
Tgt Ion: 82 Resp: 67783

Ion Ratio Lower Upper

82 100

128 40.5 31.2 46.8

54 57.9 48.0 72.0



#25

Isophorone

Concen: 5.942 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.265 min

Lab File: BF131033.D

Acq: 05 Nov 2022 22:38

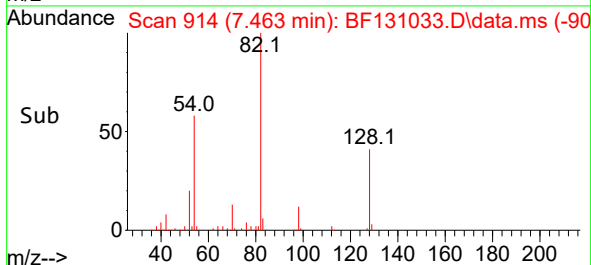
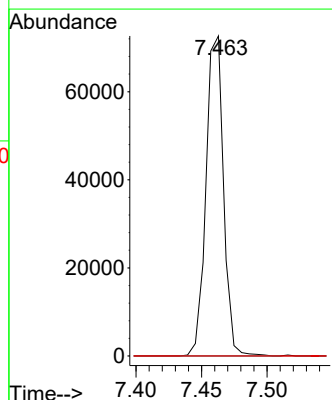
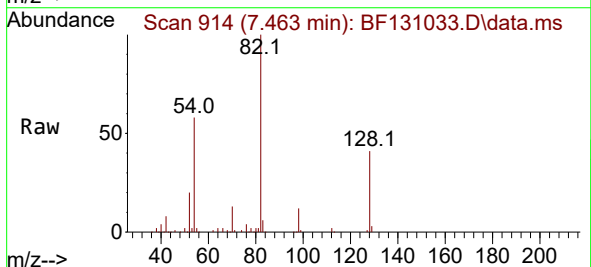
Tgt Ion: 82 Resp: 67782

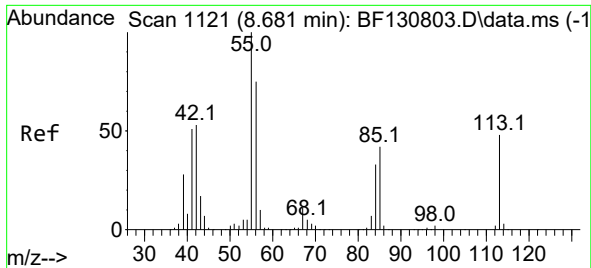
Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

138 0.0 13.8 20.6#

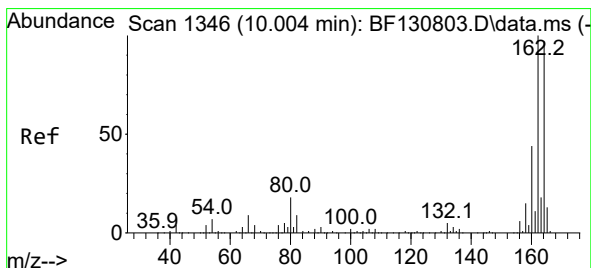
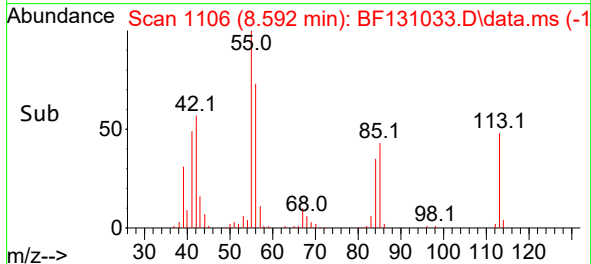
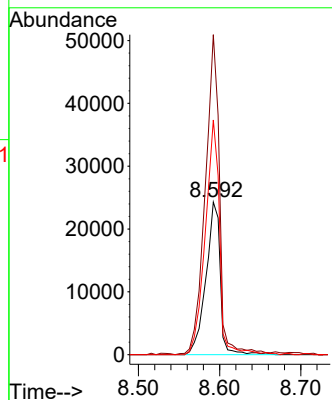
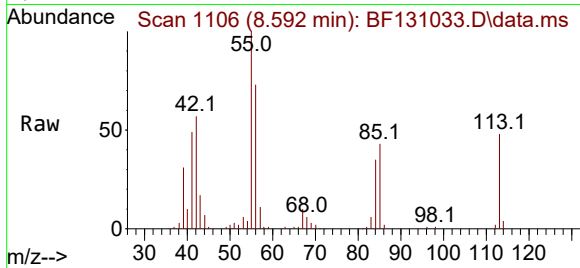




#35
 Caprolactam
 Concen: 18.962 ng
 RT: 8.592 min Scan# 1121
 Delta R.T. -0.047 min
 Lab File: BF131033.D
 Acq: 05 Nov 2022 22:38

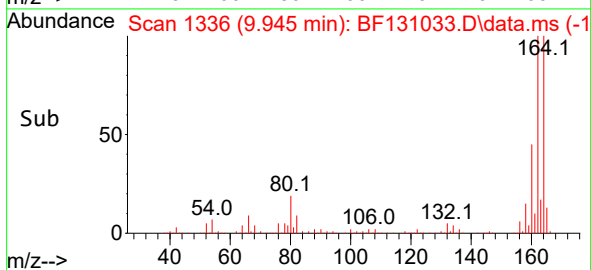
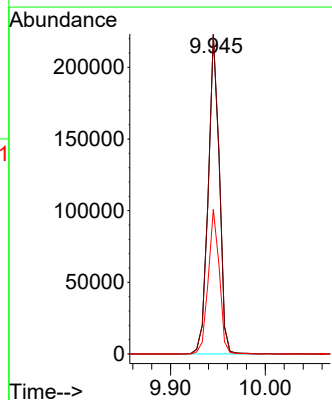
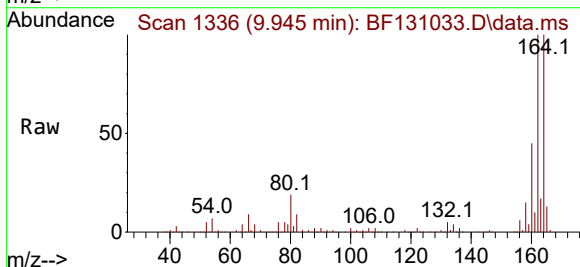
Instrument :
 BNA_F
 ClientSampleId :
 SB-2DL

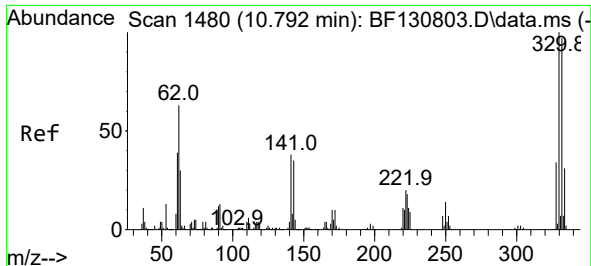
Tgt Ion:113 Resp: 29677
 Ion Ratio Lower Upper
 113 100
 55 209.7 187.0 227.0
 56 153.8 134.2 174.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. -0.006 min
 Lab File: BF131033.D
 Acq: 05 Nov 2022 22:38

Tgt Ion:164 Resp: 180334
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.2 123.2
 160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 15.800 ng

RT: 10.739 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131033.D

Acq: 05 Nov 2022 22:38

Instrument :

BNA_F

ClientSampleId :

SB-2DL

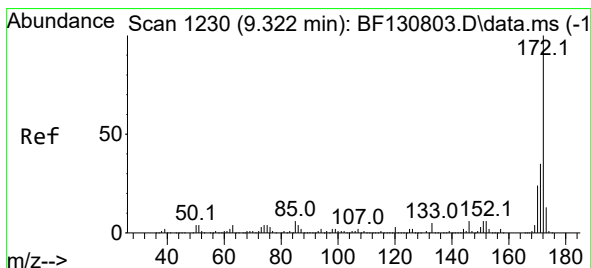
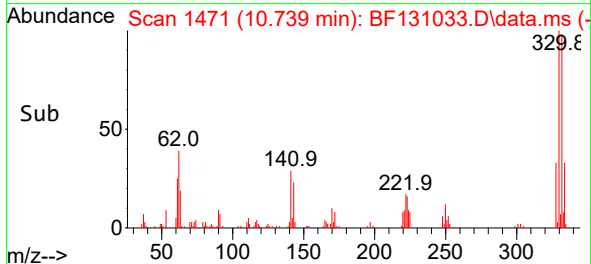
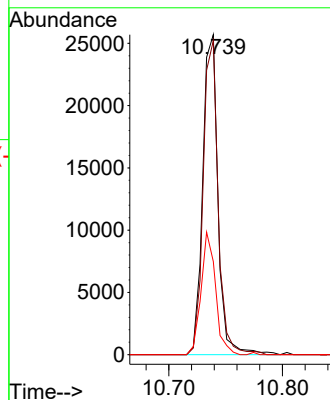
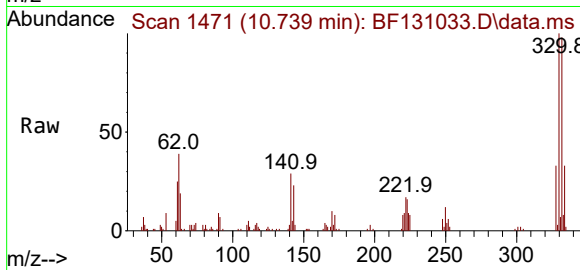
Tgt Ion:330 Resp: 23985

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 36.4 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 10.789 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131033.D

Acq: 05 Nov 2022 22:38

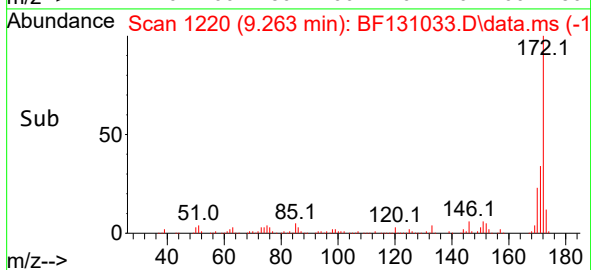
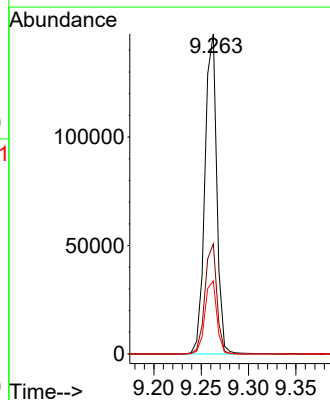
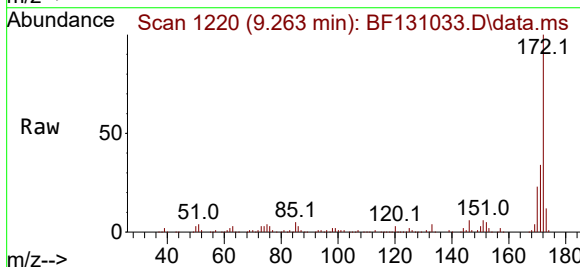
Tgt Ion:172 Resp: 128691

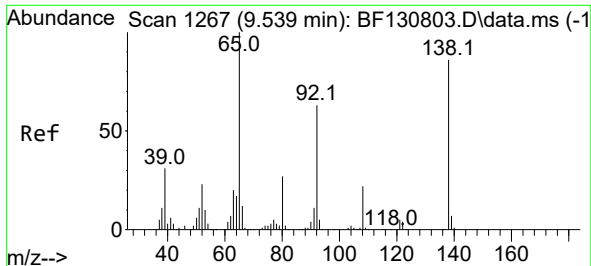
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 22.8 19.0 28.4

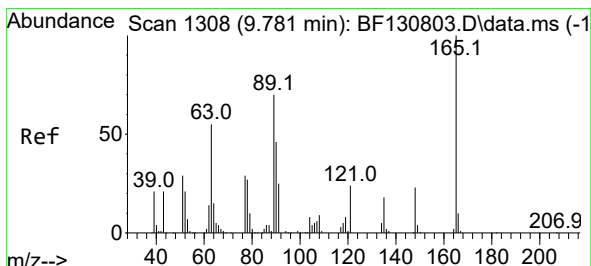
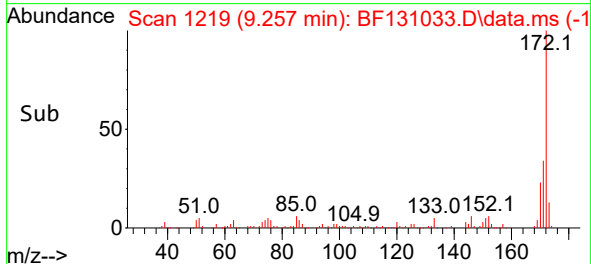
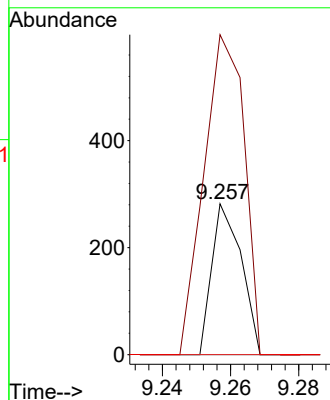
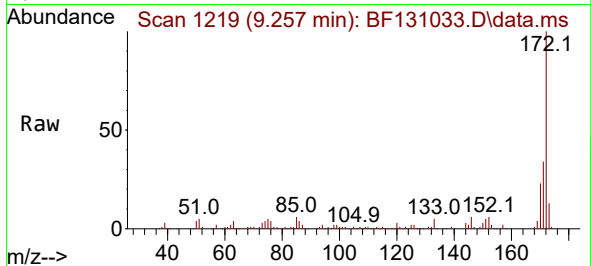




#48
2-Nitroaniline
Concen: 4.194 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

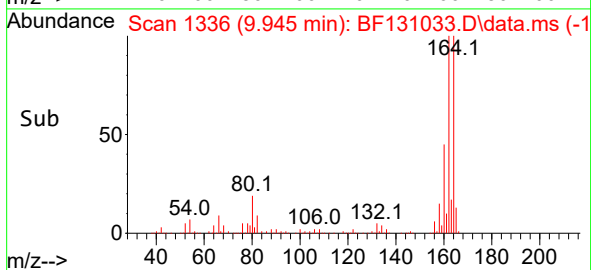
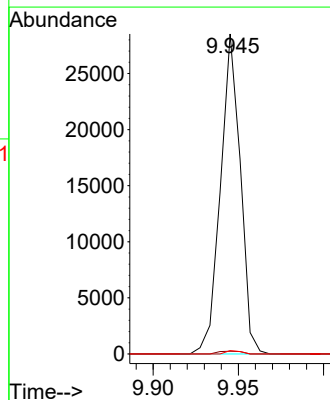
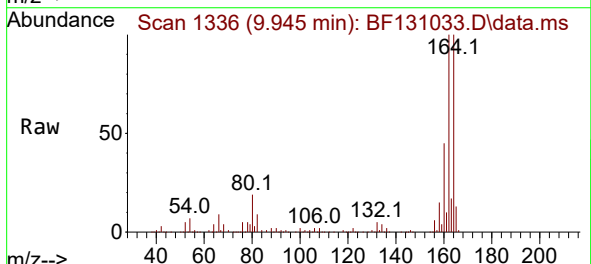
Instrument :
BNA_F
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SB-2DL

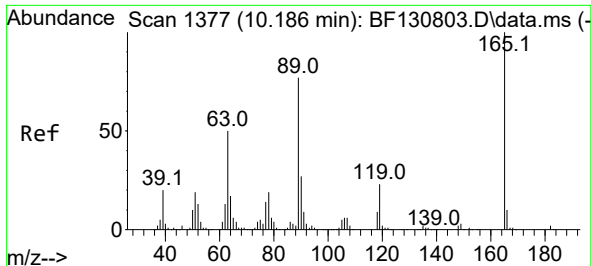
Tgt Ion: 65 Resp: 169
Ion Ratio Lower Upper
65 100
92 212.1 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.049 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

Tgt Ion: 165 Resp: 23149
Ion Ratio Lower Upper
165 100
63 0.9 61.8 92.8#
89 1.0 56.2 84.4#

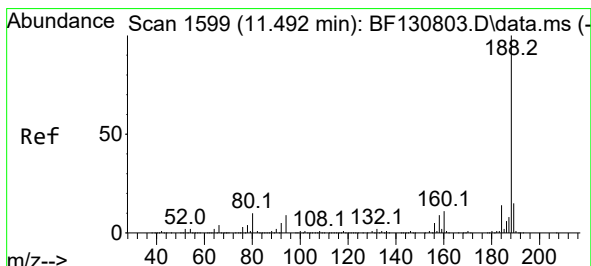
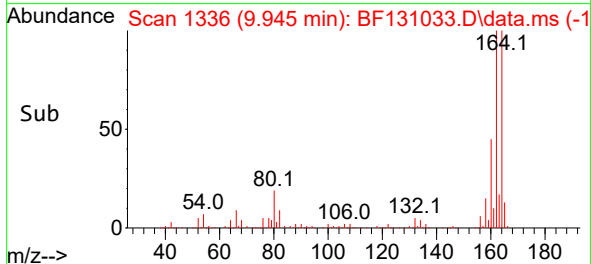
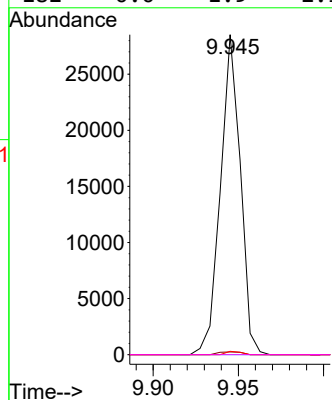
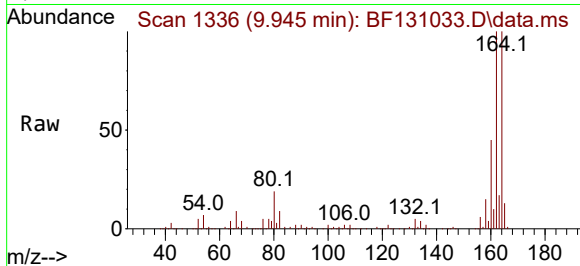




#57
2,4-Dinitrotoluene
Concen: 10.927 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

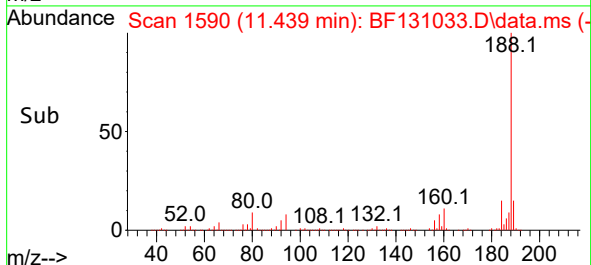
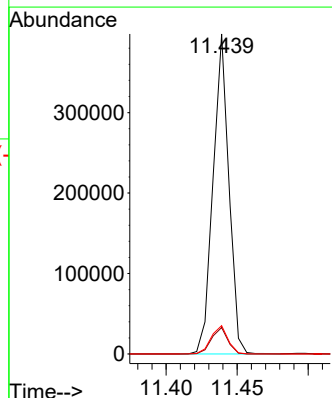
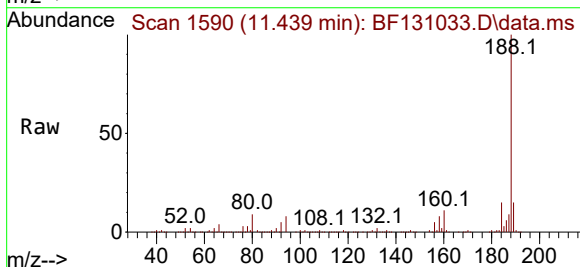
Instrument :
BNA_F
ClientSampleId :
SB-2DL

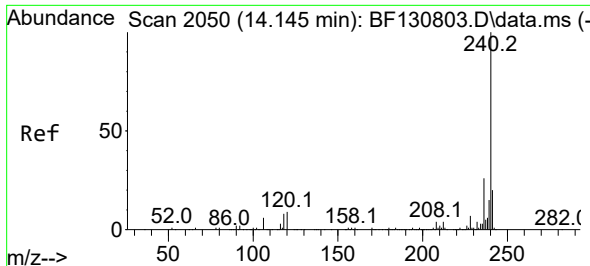
Tgt Ion:165 Resp: 23149
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.0 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

Tgt Ion:188 Resp: 307915
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 8.0 12.0

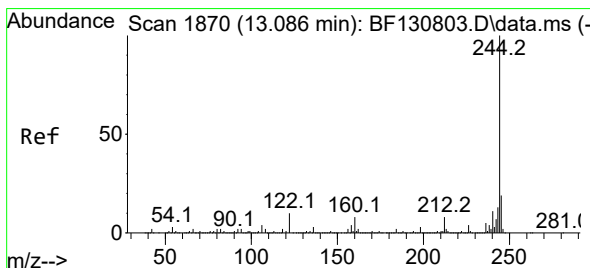
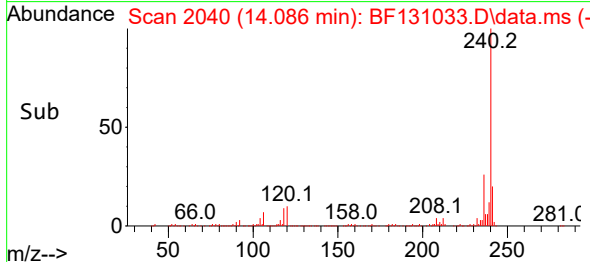
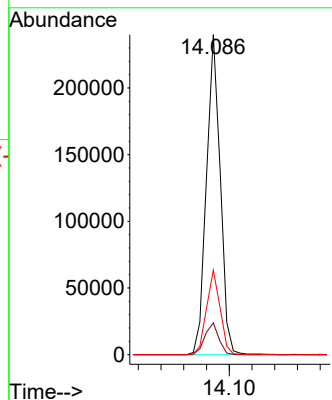
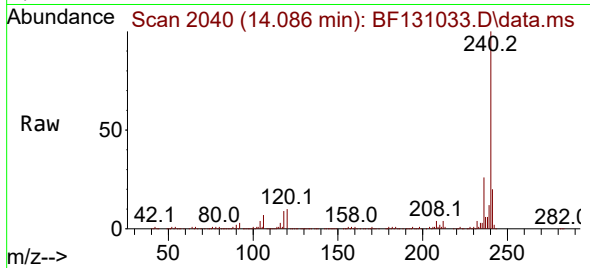




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

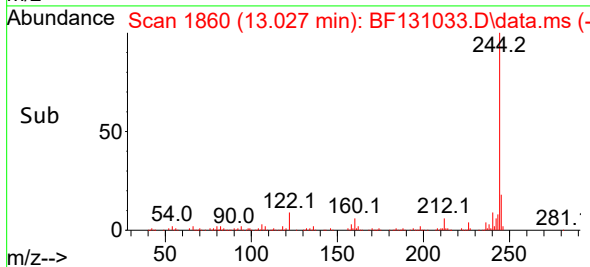
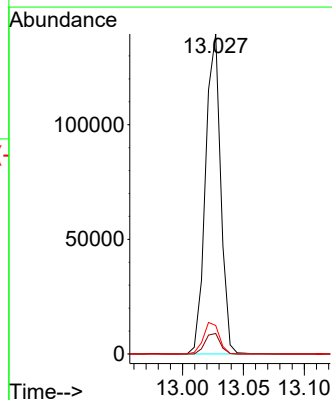
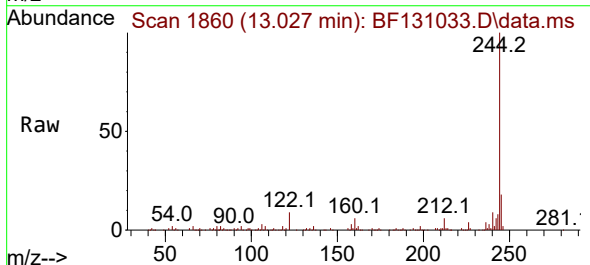
Instrument :
BNA_F
ClientSampleId :
SB-2DL

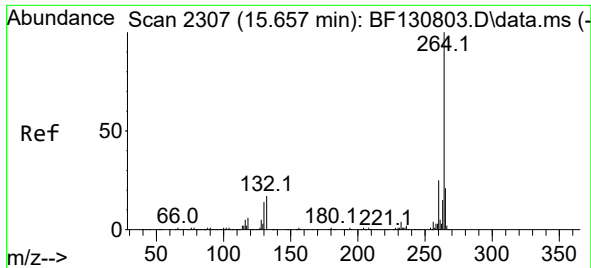
Tgt Ion:240 Resp: 201616
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.4
236 26.4 20.5 30.7



#79
Terphenyl-d14
Concen: 10.976 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF131033.D
Acq: 05 Nov 2022 22:38

Tgt Ion:244 Resp: 120768
Ion Ratio Lower Upper
244 100
212 6.4 6.2 9.2
122 8.9 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131033.D
 Acq: 05 Nov 2022 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-2DL

Tgt Ion:264 Resp: 191902
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.9 29.9
 265 21.2 17.0 25.6

