

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131989.D
 Acq On : 10 Jan 2023 10:28
 Operator : CG\JU
 Sample : PB150116BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150116BL

Quant Time: Jan 11 00:33:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

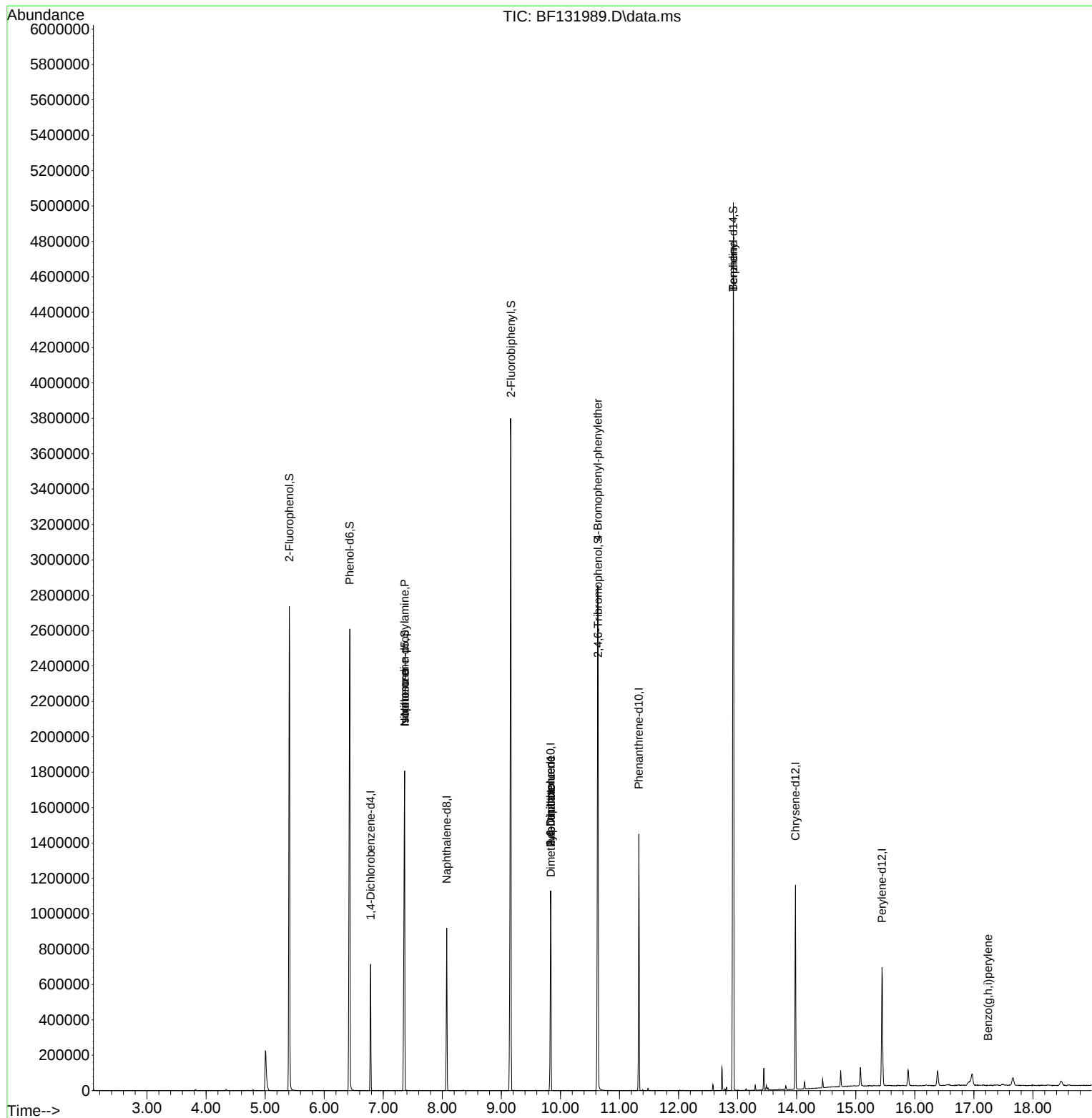
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97236	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	366383	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	237154	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	492299	20.000	ng	0.00
76) Chrysene-d12	13.980	240	374856	20.000	ng	0.00
86) Perylene-d12	15.445	264	278483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	787190	133.399	ng	0.02
7) Phenol-d6	6.434	99	997694	127.516	ng	0.00
23) Nitrobenzene-d5	7.363	82	718181	81.355	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	368751	135.234	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1379266	78.512	ng	0.00
79) Terphenyl-d14	12.927	244	1994673	76.267	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	101504	17.934	ng	# 80
25) Isophorone	7.363	82	710951	43.110	ng	# 69
50) Dimethylphthalate	9.839	163	44023	2.381	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	31178	8.019	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	31178	5.998	ng	# 13
67) 4-Bromophenyl-phenylether	10.633	248	24118	3.916	ng	# 1
77) Benzidine	12.927	184	31467	2.527	ng	# 94
92) Benzo(g,h,i)perylene	17.239	276	58	3.528	ng	# 58

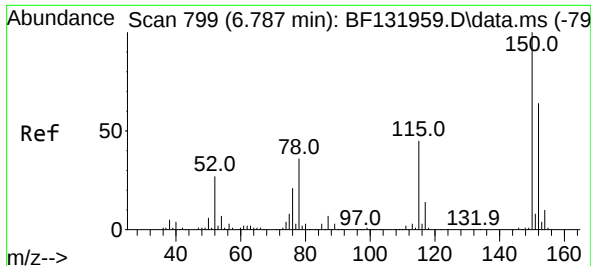
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
PB150116BL

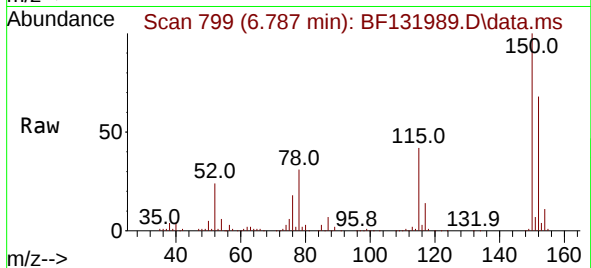
Quant Time: Jan 11 00:33:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration



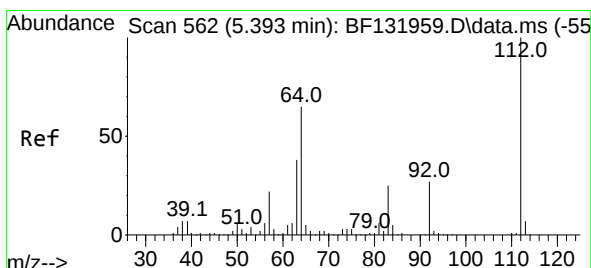
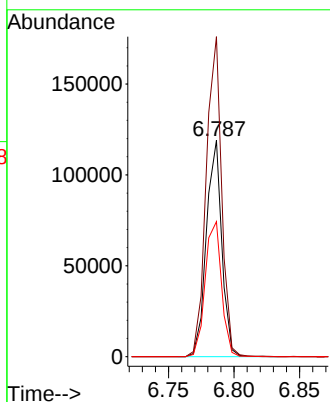
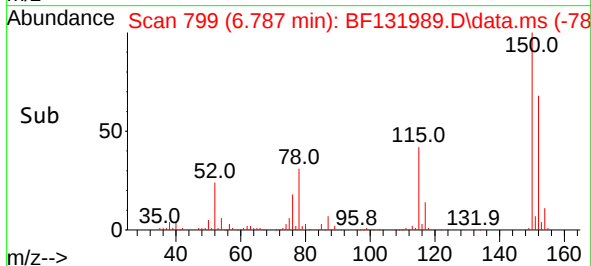


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

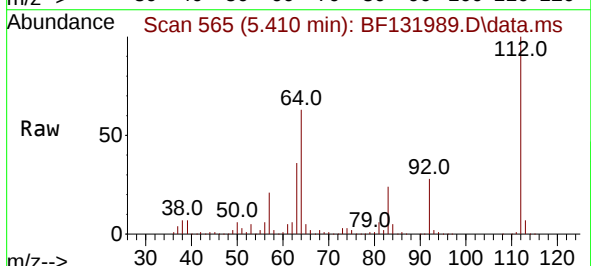
Instrument :
BNA_F
ClientSampleId :
PB150116BL



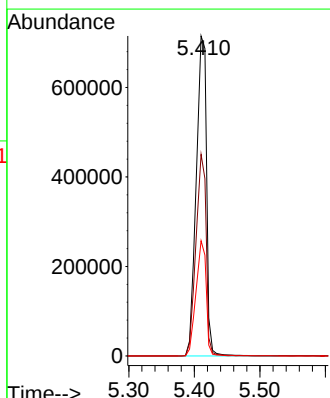
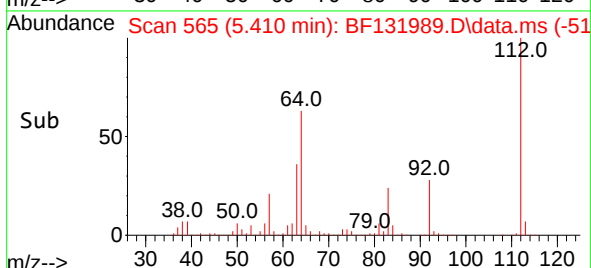
Tgt Ion:152 Resp: 97236
Ion Ratio Lower Upper
152 100
150 148.0 124.6 186.8
115 62.5 55.6 83.4

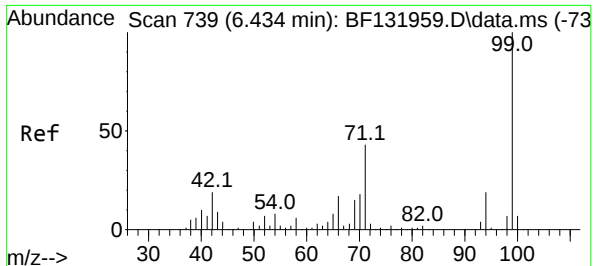


#5
2-Fluorophenol
Concen: 133.399 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28



Tgt Ion:112 Resp: 787190
Ion Ratio Lower Upper
112 100
64 63.0 51.9 77.9
63 36.0 30.2 45.2

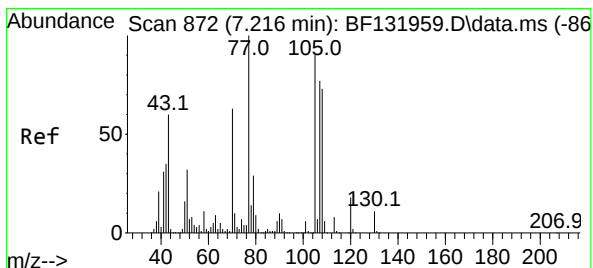
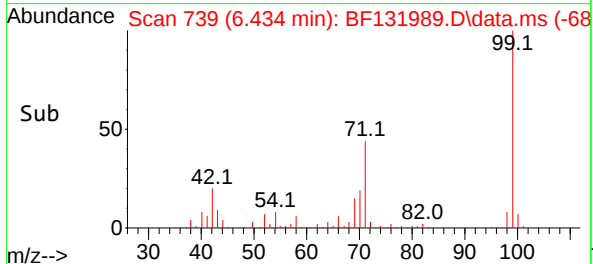
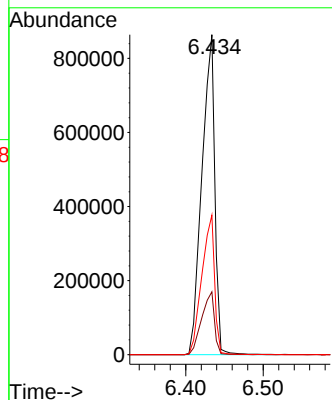
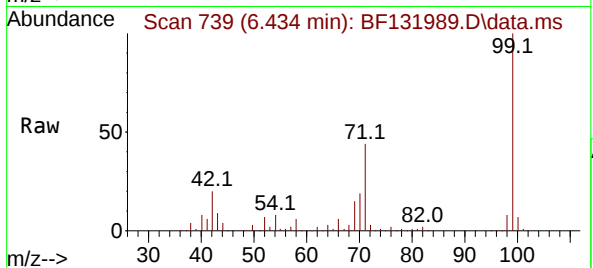




#7
Phenol-d6
Concen: 127.516 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

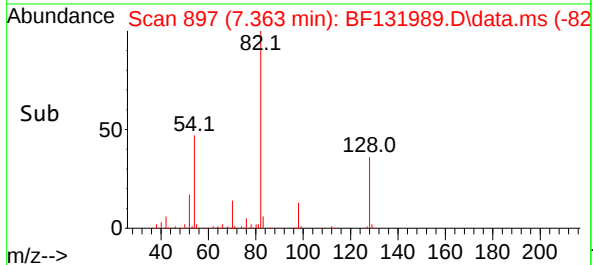
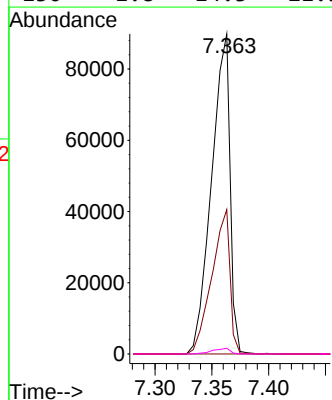
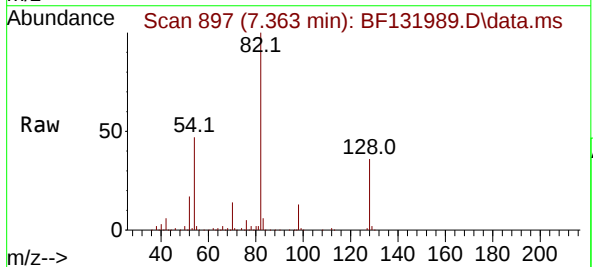
Instrument :
BNA_F
ClientSampleId :
PB150116BL

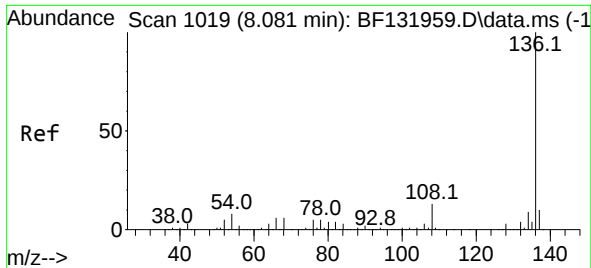
Tgt Ion: 99 Resp: 997694
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 43.6 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.934 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Tgt Ion: 70 Resp: 101504
Ion Ratio Lower Upper
70 100
42 45.1 44.3 66.5
101 0.0 7.5 11.3#
130 1.8 14.3 21.5#



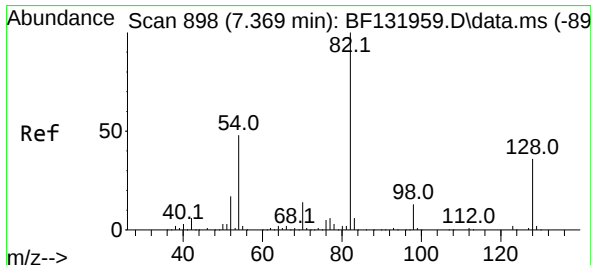
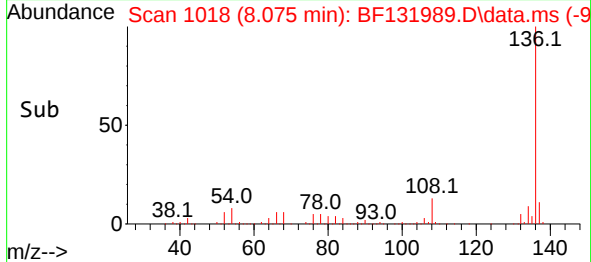
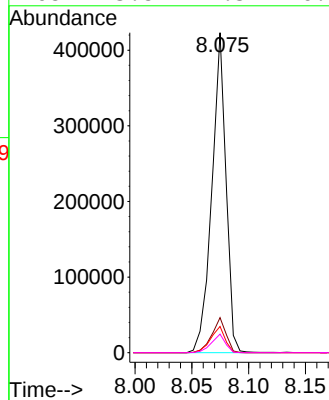
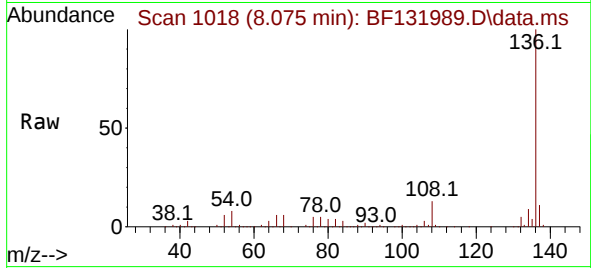


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Instrument :
BNA_F
ClientSampleId :
PB150116BL

Tgt Ion:136 Resp: 366383

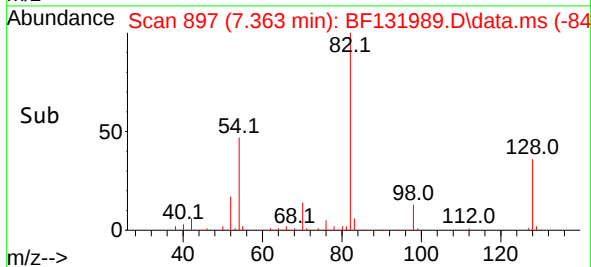
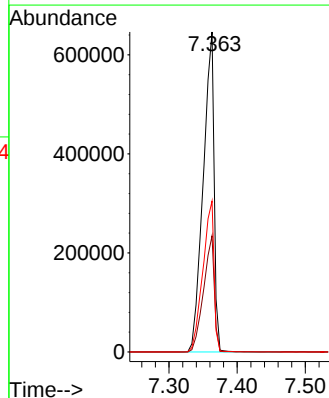
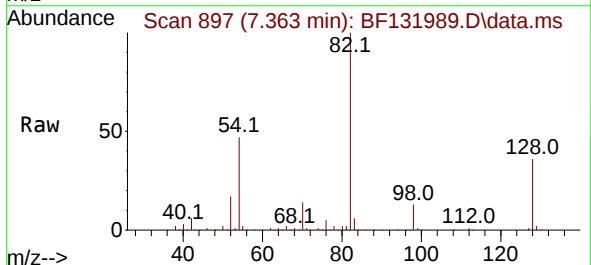
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	8.2	6.6	9.8
68	5.8	4.5	6.7

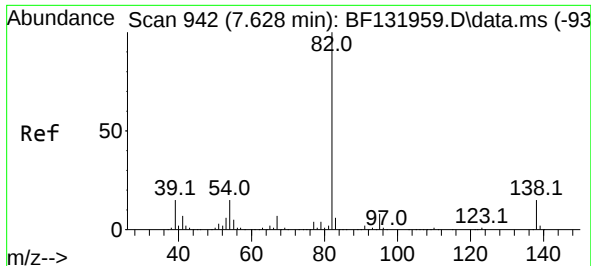


#23
Nitrobenzene-d5
Concen: 81.355 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Tgt Ion: 82 Resp: 718181

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.7	43.1
54	47.2	38.1	57.1

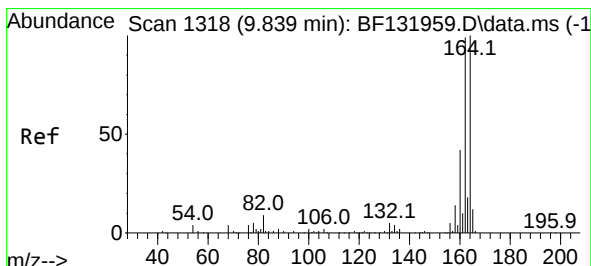
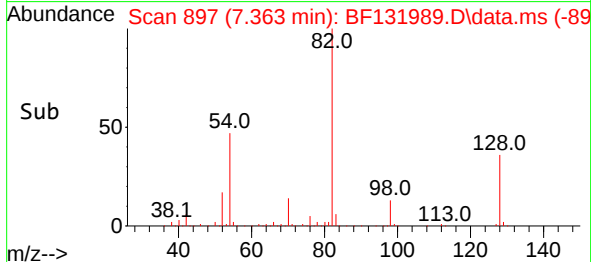
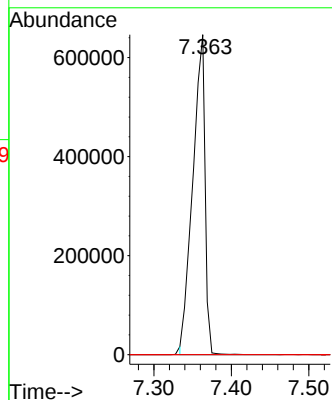
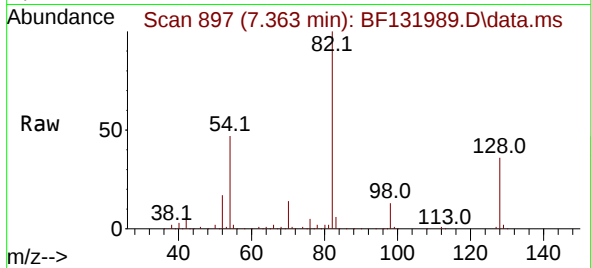




#25
Isophorone
Concen: 43.110 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

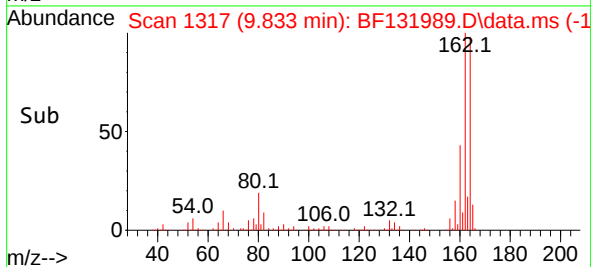
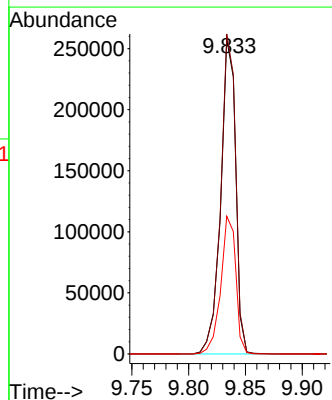
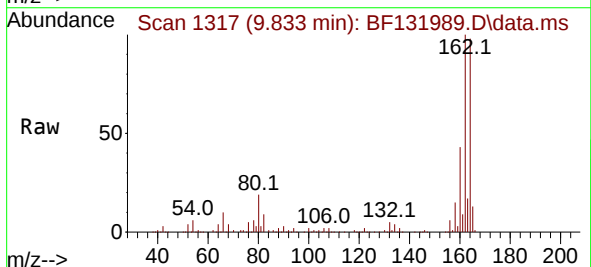
Instrument :
BNA_F
ClientSampleId :
PB150116BL

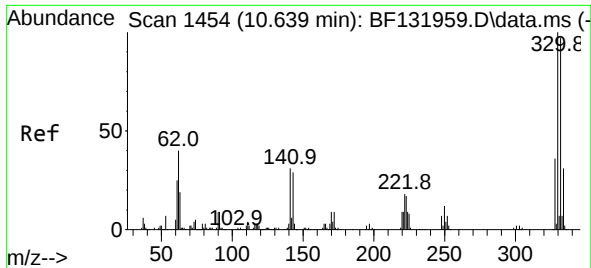
Tgt Ion: 82 Resp: 710951
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Tgt Ion:164 Resp: 237154
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 43.8 33.9 50.9

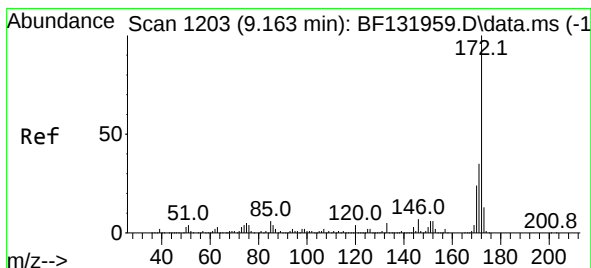
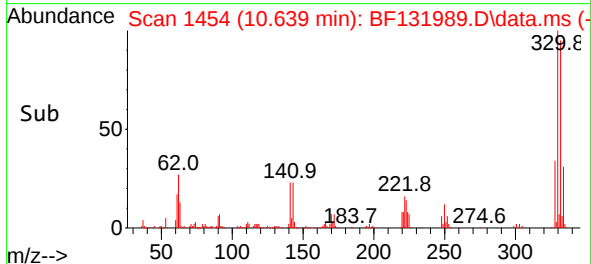
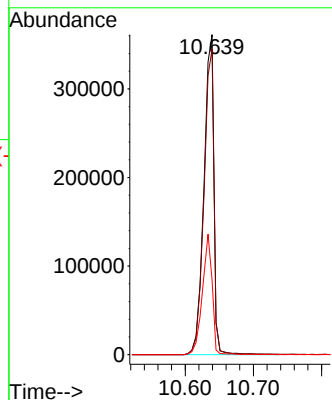
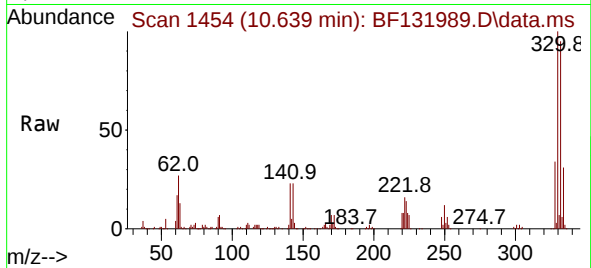




#42
2,4,6-Tribromophenol
Concen: 135.234 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

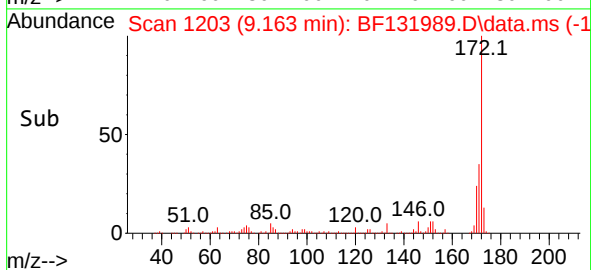
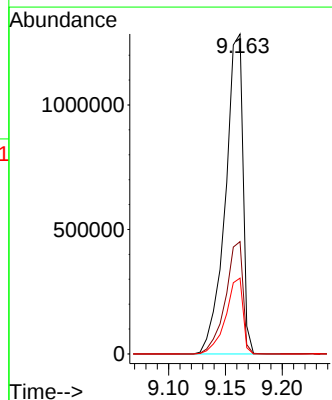
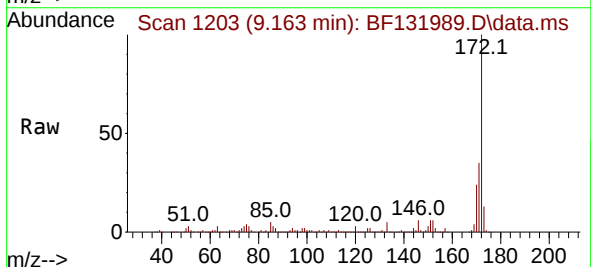
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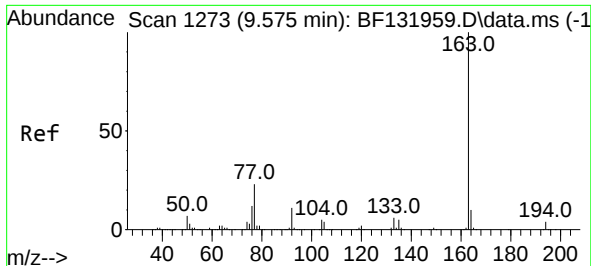
Tgt Ion:330 Resp: 368751
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 36.8 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 78.512 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Tgt Ion:172 Resp: 1379266
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.7 18.9 28.3

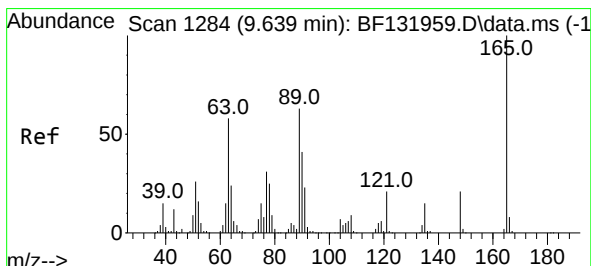
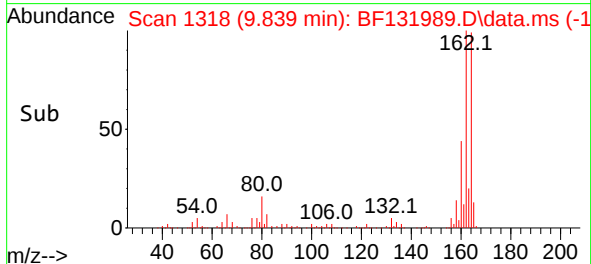
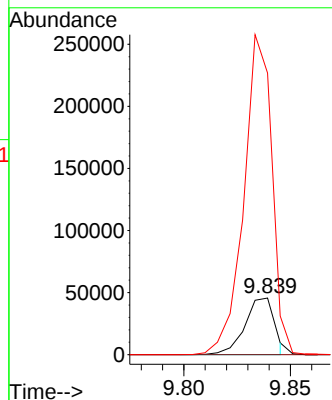
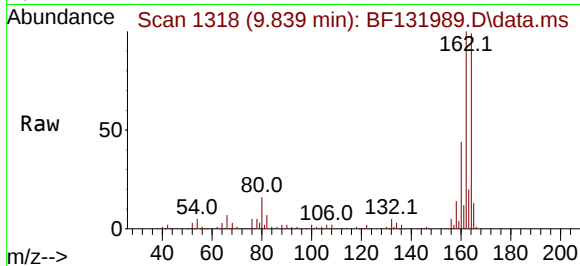




#50
Dimethylphthalate
Concen: 2.381 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

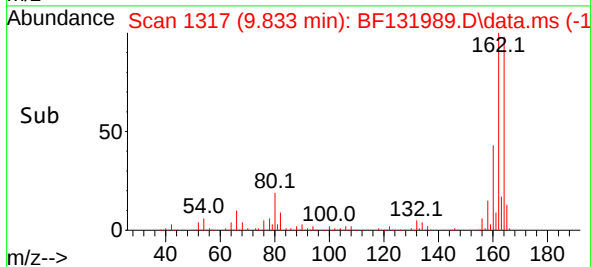
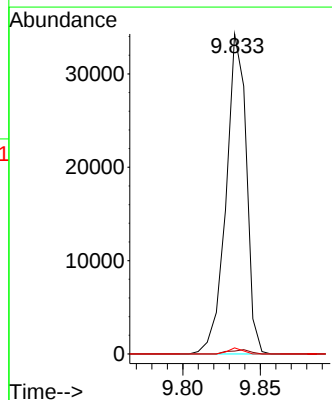
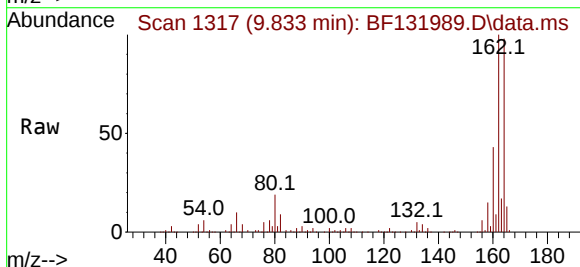
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BNA_F
ClientSampleId :
PB150116BL

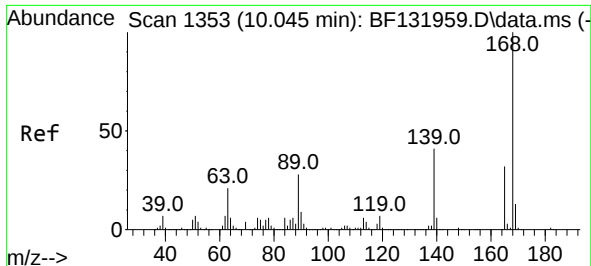
Tgt Ion:163 Resp: 44023
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 496.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.019 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Tgt Ion:165 Resp: 31178
Ion Ratio Lower Upper
165 100
63 0.9 47.4 71.0#
89 1.9 50.2 75.2#

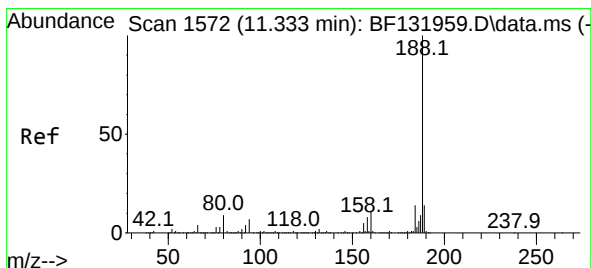
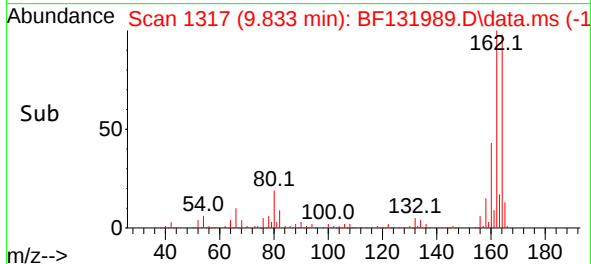
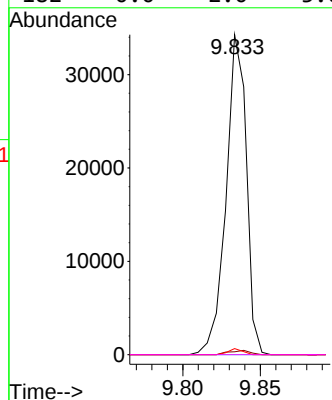
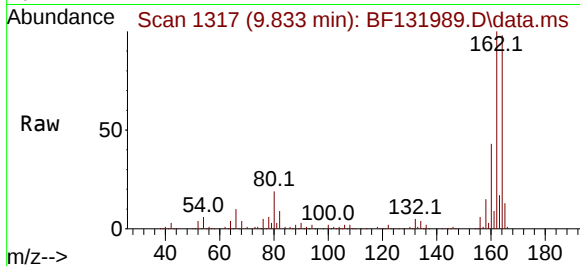




#57
2,4-Dinitrotoluene
Concen: 5.998 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

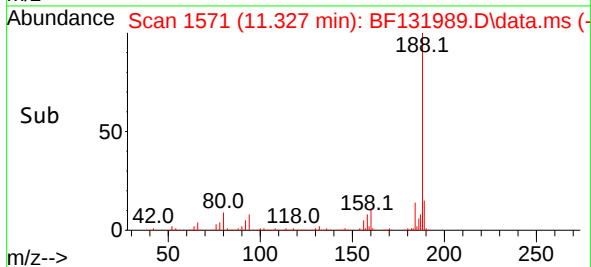
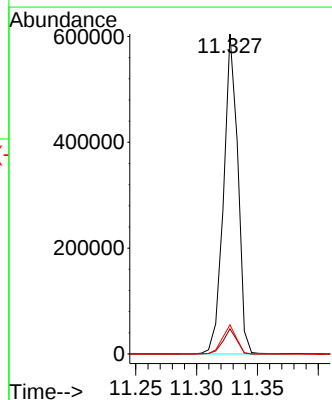
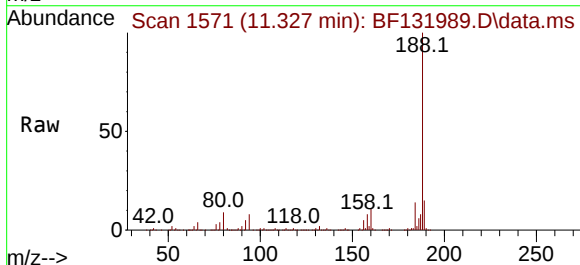
Instrument :
BNA_F
ClientSampleId :
PB150116BL

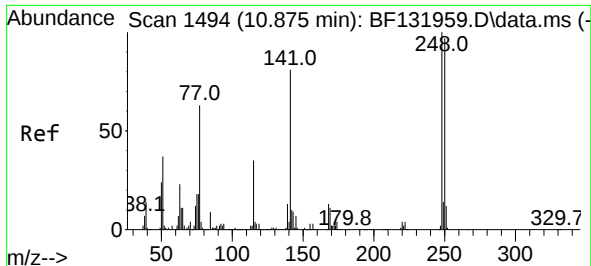
Tgt Ion:165 Resp: 31178
Ion Ratio Lower Upper
165 100
63 0.9 53.2 79.8#
89 1.9 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Tgt Ion:188 Resp: 492299
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 9.1 7.4 11.0





#67

4-Bromophenyl-phenylether

Concen: 3.916 ng

RT: 10.633 min Scan# 14

Delta R.T. -0.241 min

Lab File: BF131989.D

Acq: 10 Jan 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB150116BL

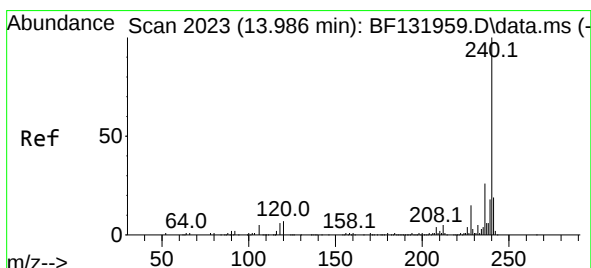
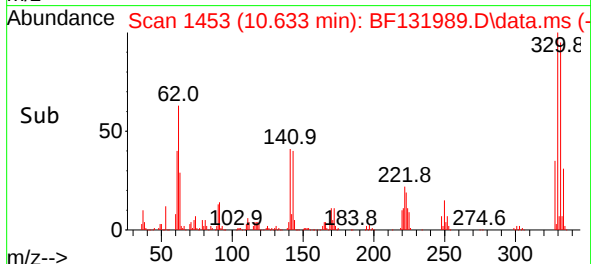
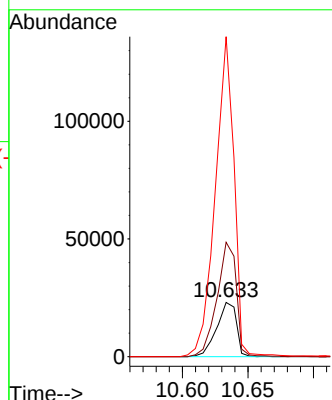
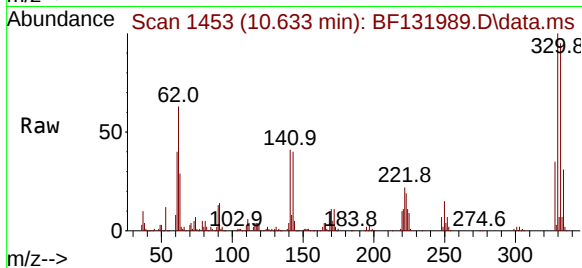
Tgt Ion:248 Resp: 24118

Ion Ratio Lower Upper

248 100

250 210.8 77.4 116.2#

141 589.8 65.0 97.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF131989.D

Acq: 10 Jan 2023 10:28

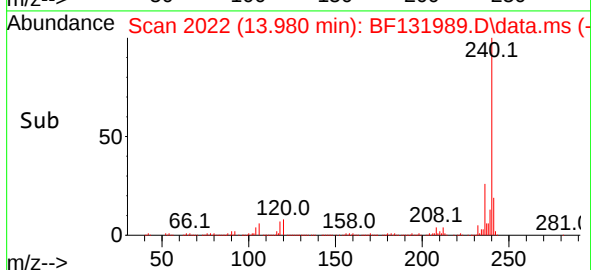
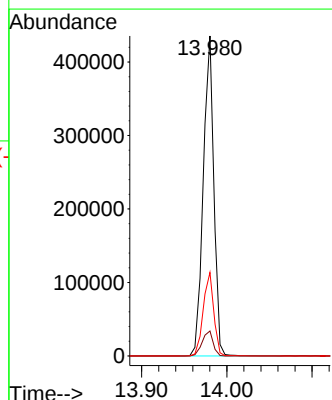
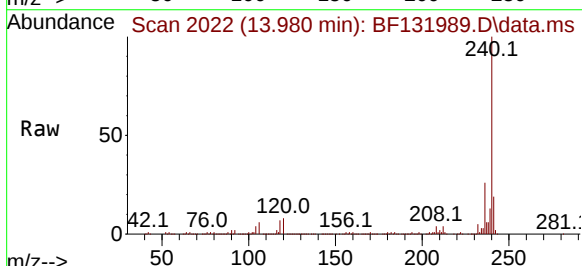
Tgt Ion:240 Resp: 374856

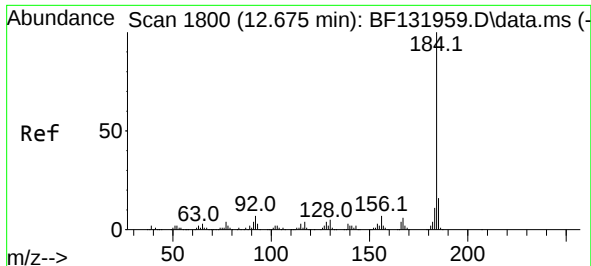
Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.0

236 26.1 21.1 31.7

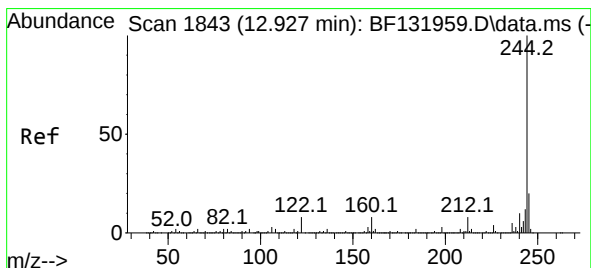
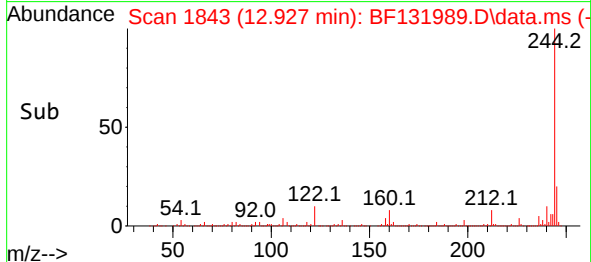
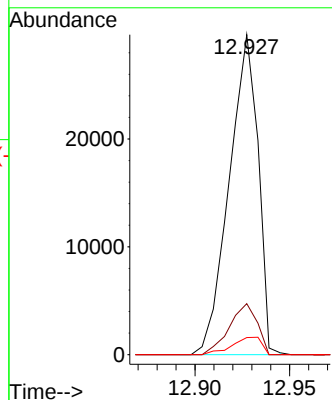
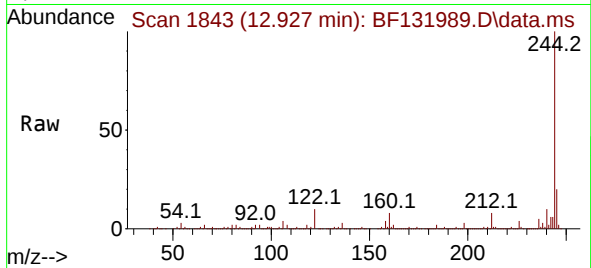




#77
Benzidine
Concen: 2.527 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.252 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

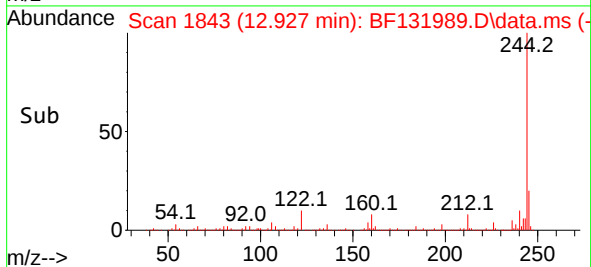
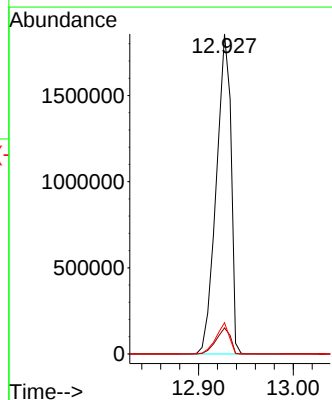
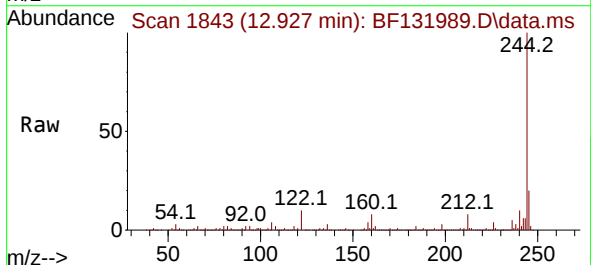
Instrument :
BNA_F
ClientSampleId :
PB150116BL

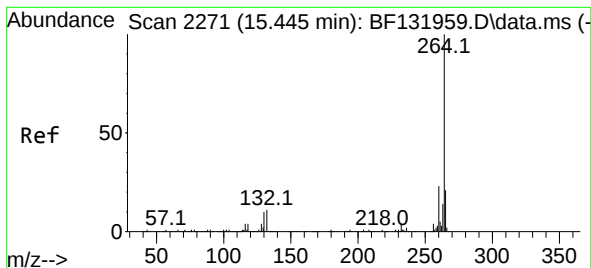
Tgt Ion:184 Resp: 31467
Ion Ratio Lower Upper
184 100
185 16.0 12.8 19.2
183 5.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 76.267 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF131989.D
Acq: 10 Jan 2023 10:28

Tgt Ion:244 Resp: 1994673
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.8 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131989.D

Acq: 10 Jan 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB150116BL

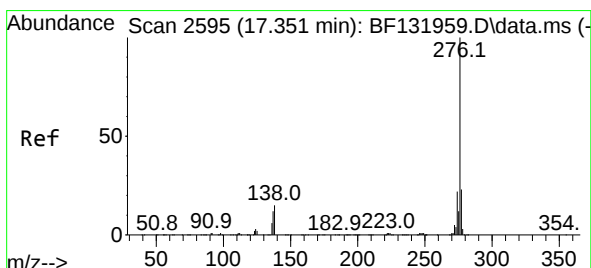
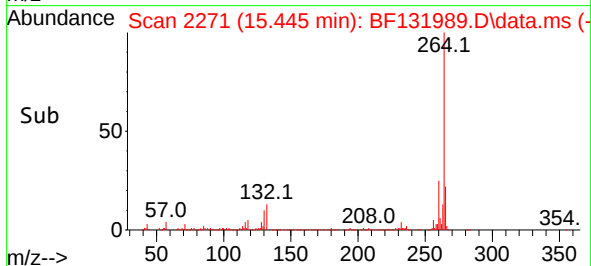
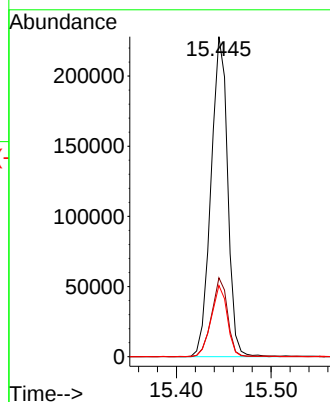
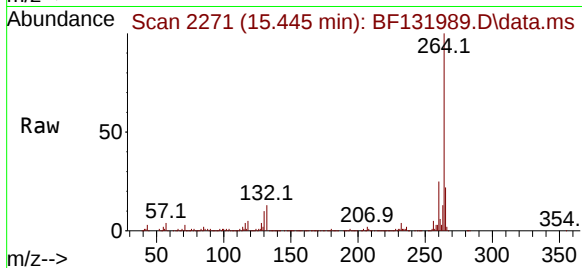
Tgt Ion:264 Resp: 278483

Ion Ratio Lower Upper

264 100

260 24.6 18.3 27.5

265 22.3 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 3.528 ng

RT: 17.239 min Scan# 2576

Delta R.T. -0.112 min

Lab File: BF131989.D

Acq: 10 Jan 2023 10:28

Tgt Ion:276 Resp: 58

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

