

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131975.D
 Acq On : 09 Jan 2023 21:36
 Operator : CG\JU
 Sample : 01043-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-202

Quant Time: Jan 10 03:14:50 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)

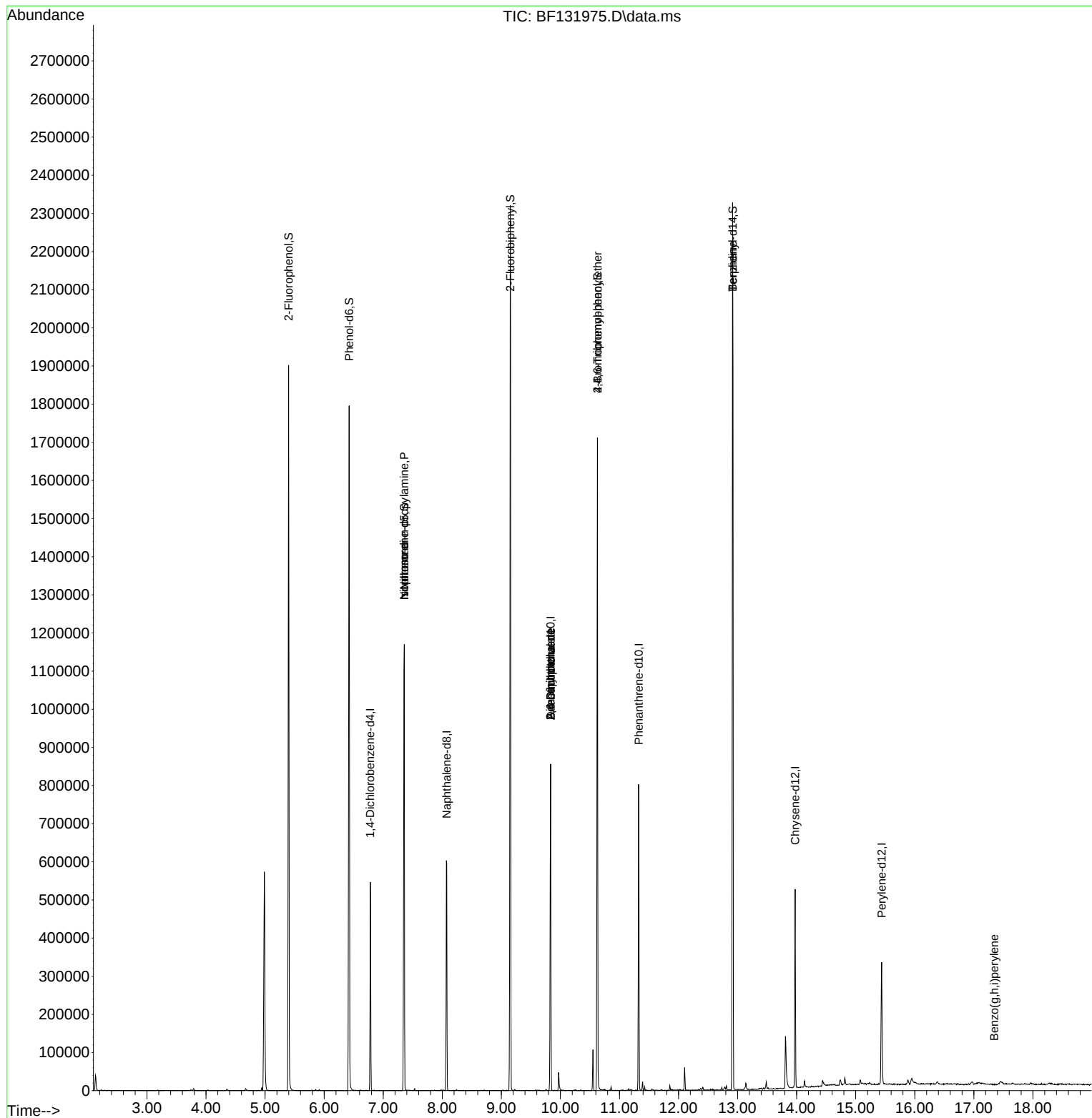
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71703	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	262157	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	155729	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	301410	20.000	ng	0.00
76) Chrysene-d12	13.974	240	159604	20.000	ng	-0.01
86) Perylene-d12	15.439	264	144834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	450163	103.450	ng	0.00
7) Phenol-d6	6.422	99	581016	100.704	ng	-0.01
23) Nitrobenzene-d5	7.357	82	417128	66.038	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	171629	95.853	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	712825	61.792	ng	-0.01
79) Terphenyl-d14	12.916	244	781558	70.185	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	58267	13.961	ng	# 76
25) Isophorone	7.357	82	413653	35.055	ng	# 69
50) Dimethylphthalate	9.833	163	32260	2.658	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	20221	7.920	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	20221	5.924	ng	# 13
67) 4-Bromophenyl-phenylether	10.628	248	12409	3.291	ng	# 1
77) Benzidine	12.916	184	12280	2.316	ng	# 95
92) Benzo(g,h,i)perylene	17.345	276	65	3.532	ng	# 58

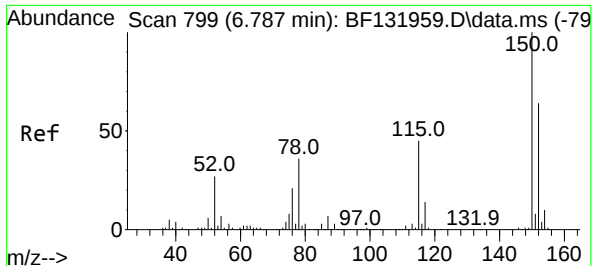
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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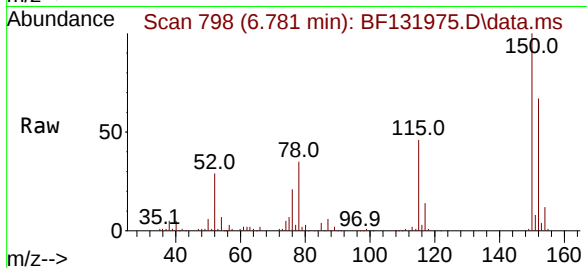
Quant Time: Jan 10 03:14:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
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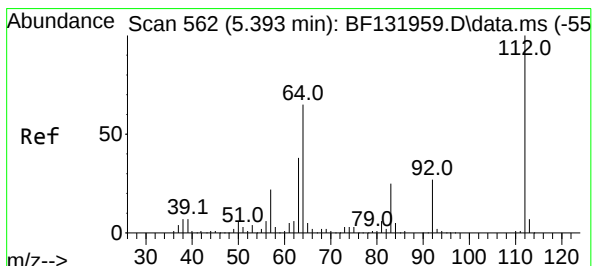
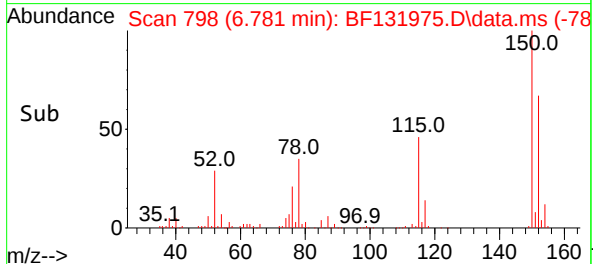
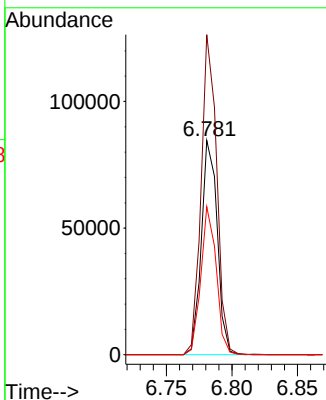


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF131975.D
 Acq: 09 Jan 2023 21:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-202

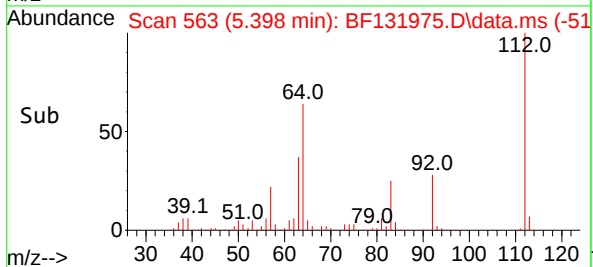
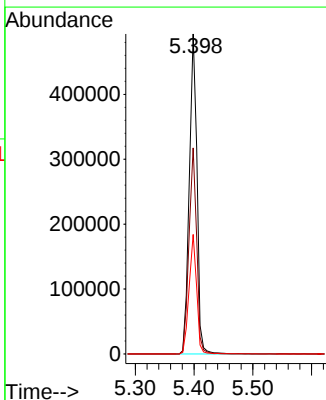
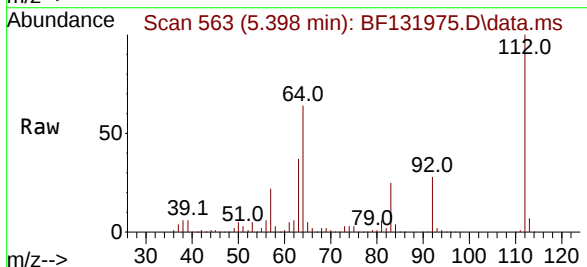


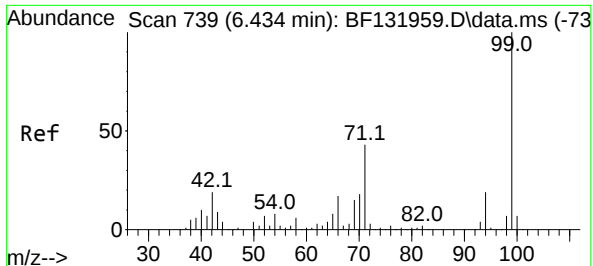
Tgt Ion:152 Resp: 71703
 Ion Ratio Lower Upper
 152 100
 150 149.4 124.6 186.8
 115 69.1 55.6 83.4



#5
 2-Fluorophenol
 Concen: 103.450 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF131975.D
 Acq: 09 Jan 2023 21:36

Tgt Ion:112 Resp: 450163
 Ion Ratio Lower Upper
 112 100
 64 64.4 51.9 77.9
 63 37.4 30.2 45.2

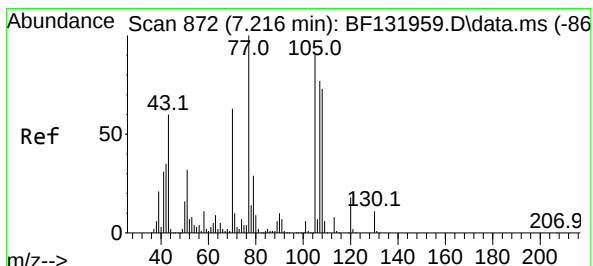
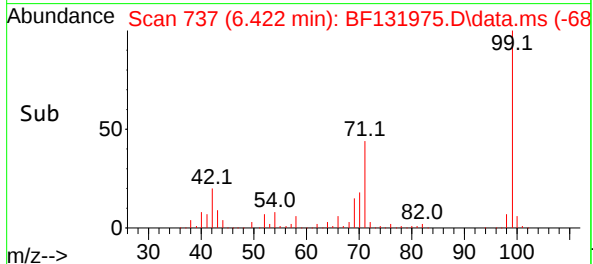
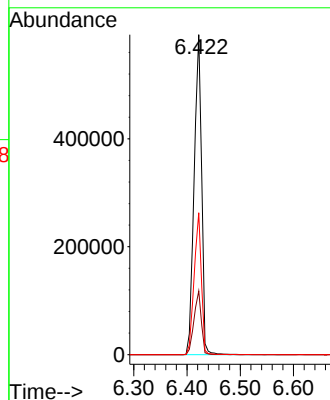
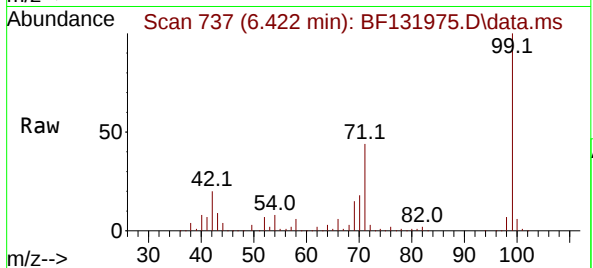




#7
Phenol-d6
Concen: 100.704 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

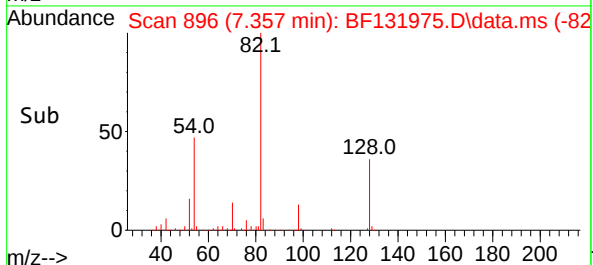
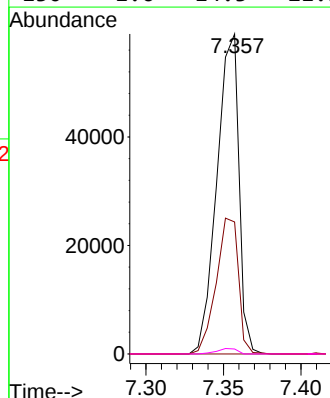
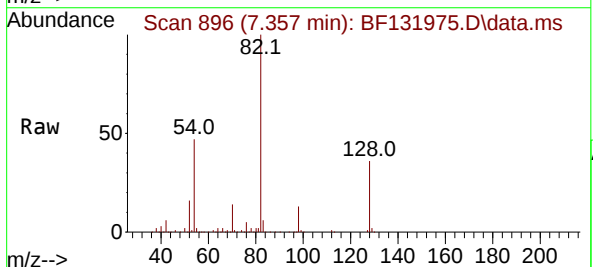
Instrument :
BNA_F
ClientSampleId :
TP-202

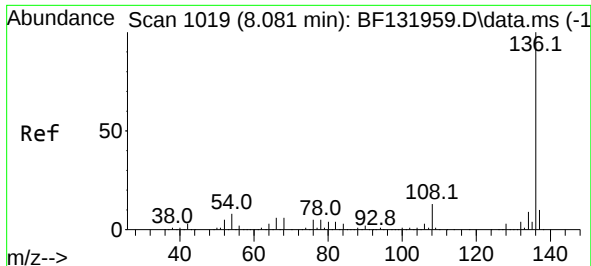
Tgt Ion: 99 Resp: 581016
Ion Ratio Lower Upper
99 100
42 19.9 15.4 23.2
71 44.4 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.961 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

Tgt Ion: 70 Resp: 58267
Ion Ratio Lower Upper
70 100
42 41.2 44.3 66.5#
101 0.0 7.5 11.3#
130 1.6 14.3 21.5#



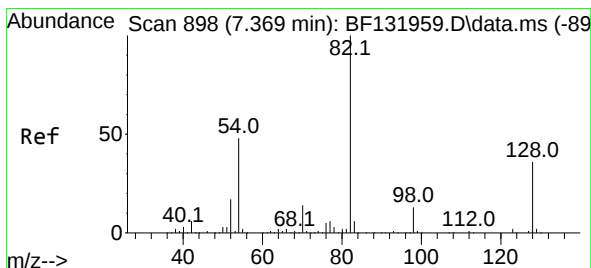
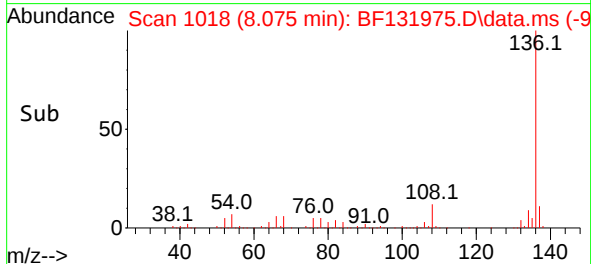
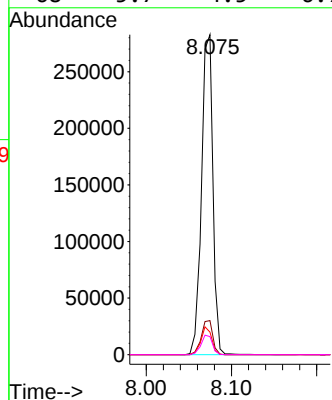
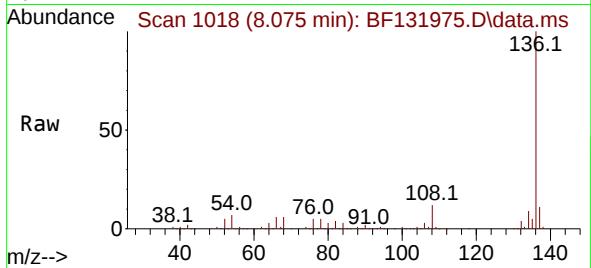


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

Instrument :
BNA_F
ClientSampleId :
TP-202

Tgt Ion:136 Resp: 262157

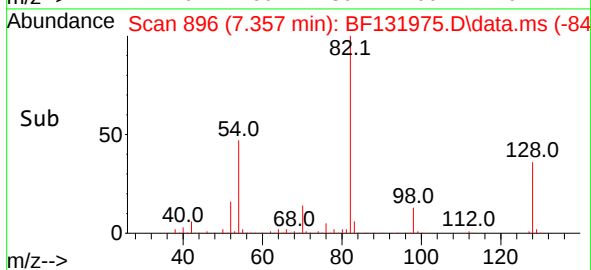
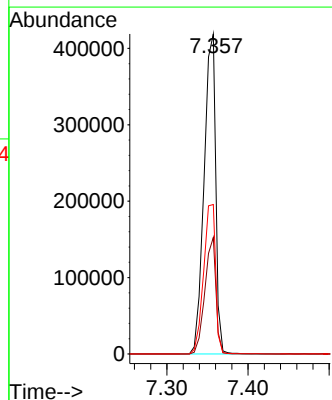
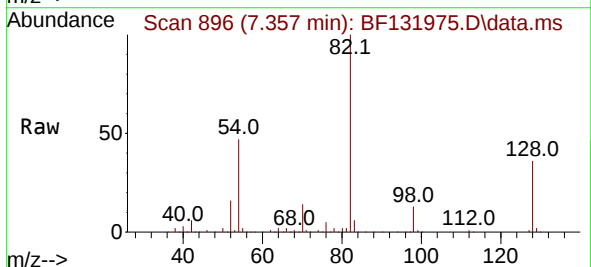
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	7.0	6.6	9.8
68	5.7	4.5	6.7

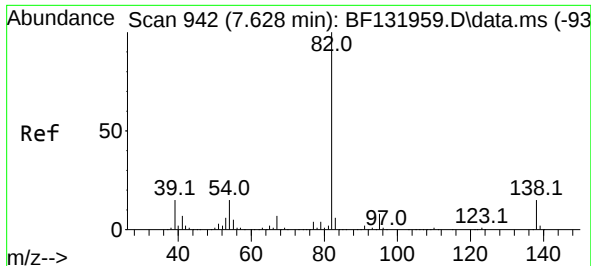


#23
Nitrobenzene-d5
Concen: 66.038 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

Tgt Ion: 82 Resp: 417128

Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.7	43.1
54	46.7	38.1	57.1

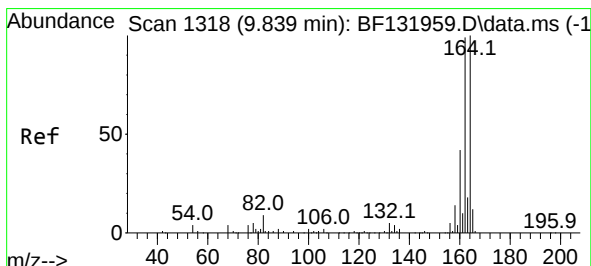
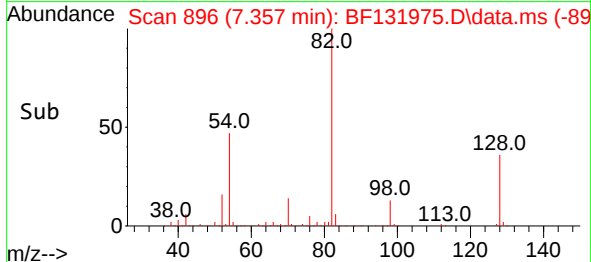
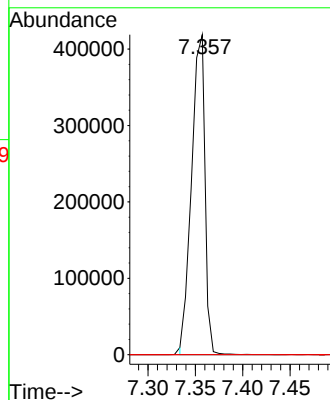
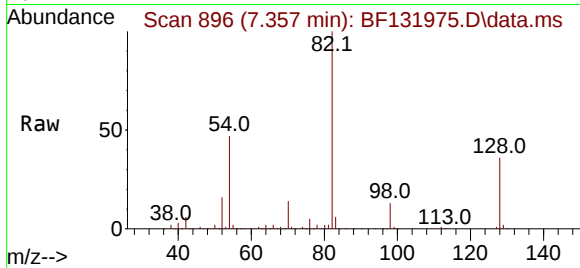




#25
Isophorone
Concen: 35.055 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

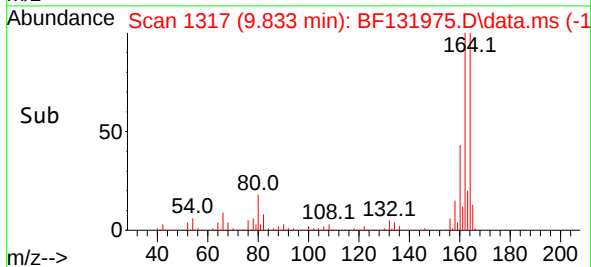
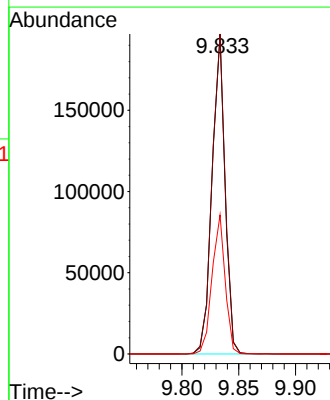
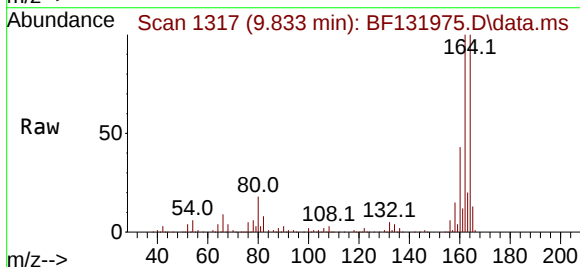
Instrument :
BNA_F
ClientSampleId :
TP-202

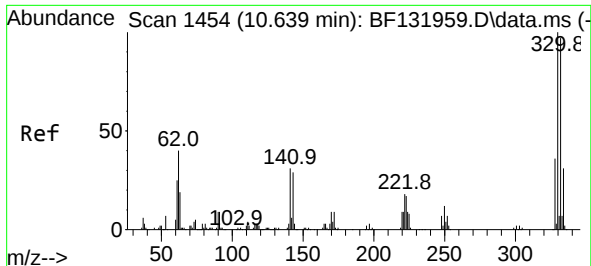
Tgt Ion: 82 Resp: 413653
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

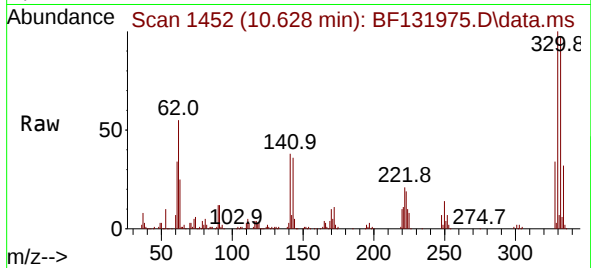
Tgt Ion:164 Resp: 155729
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 43.6 33.9 50.9



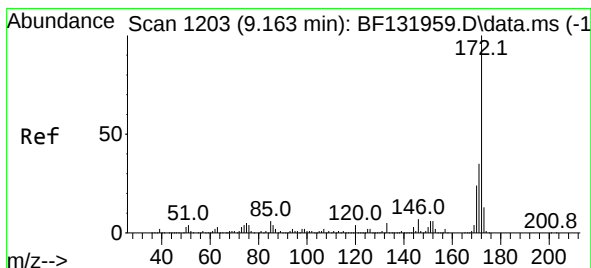
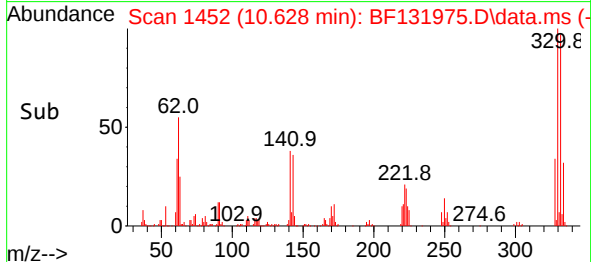
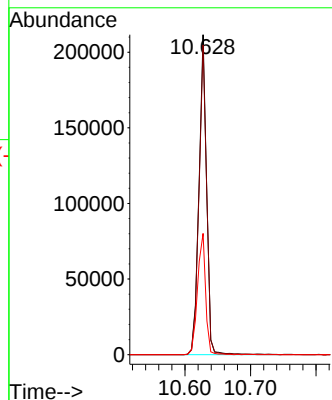


#42
2,4,6-Tribromophenol
Concen: 95.853 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

Instrument :
BNA_F
ClientSampleId :
TP-202

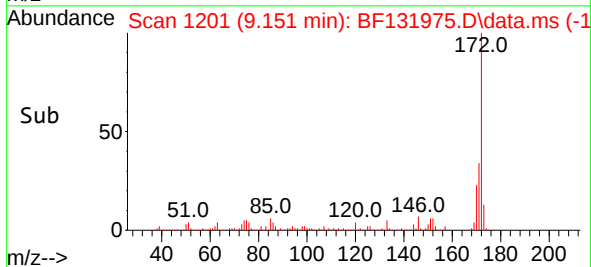
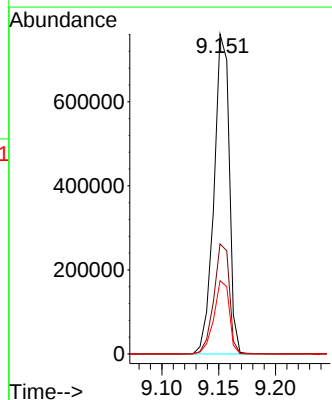
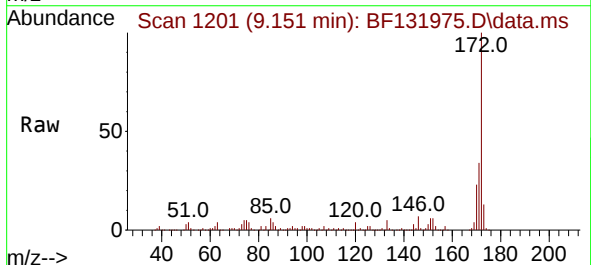


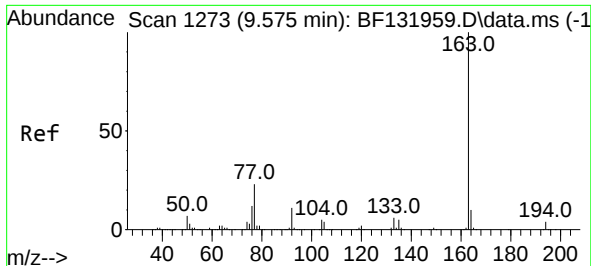
Tgt Ion: 330 Resp: 171629
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 40.0 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 61.792 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

Tgt Ion: 172 Resp: 712825
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 22.9 18.9 28.3





#50

Dimethylphthalate

Concen: 2.658 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.259 min

Lab File: BF131975.D

Acq: 09 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-202

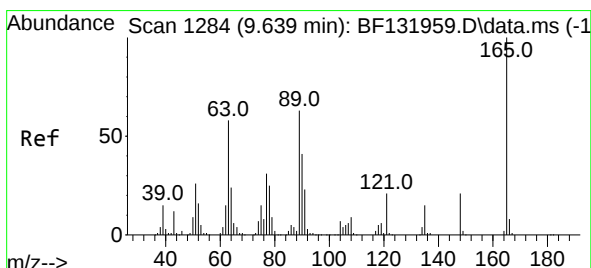
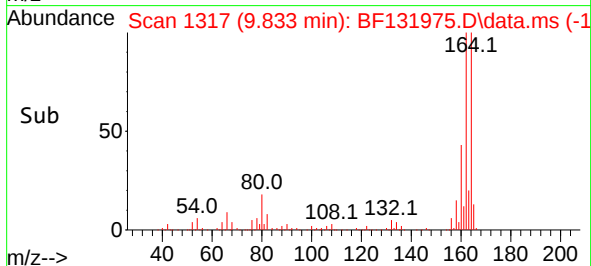
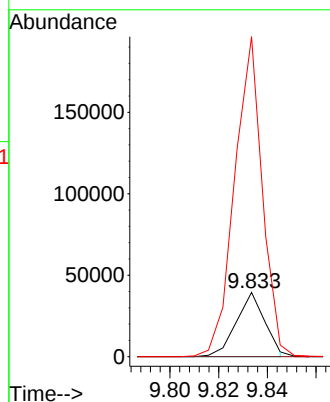
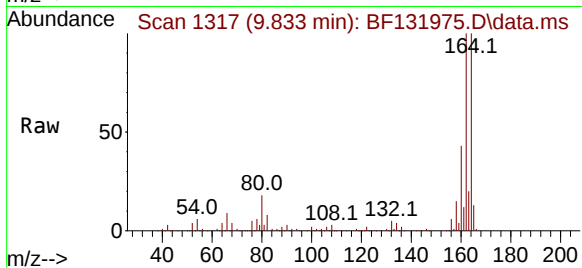
Tgt Ion:163 Resp: 32260

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 497.7 7.8 11.6#



#51

2,6-Dinitrotoluene

Concen: 7.920 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.194 min

Lab File: BF131975.D

Acq: 09 Jan 2023 21:36

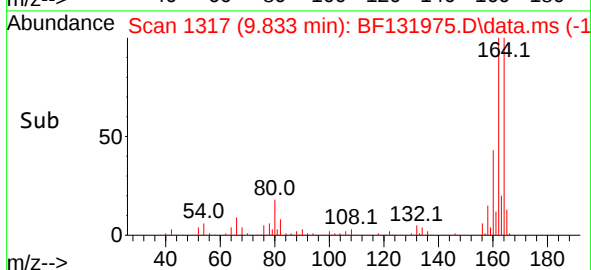
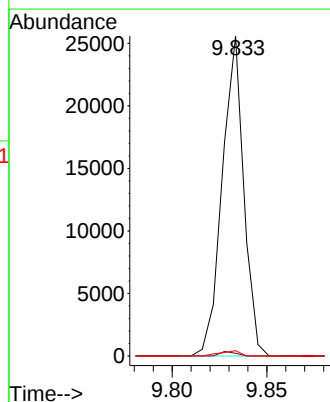
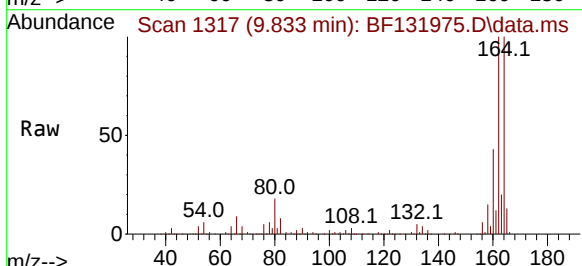
Tgt Ion:165 Resp: 20221

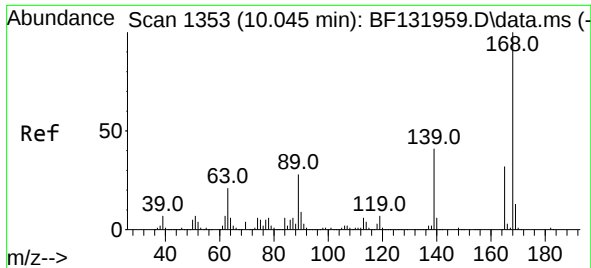
Ion Ratio Lower Upper

165 100

63 0.9 47.4 71.0#

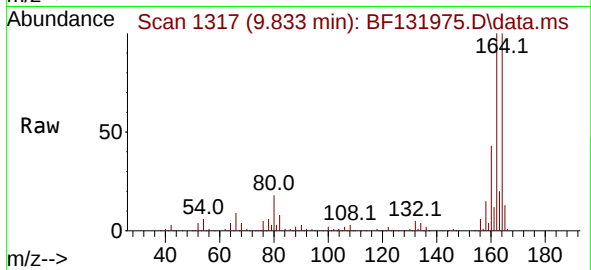
89 1.6 50.2 75.2#



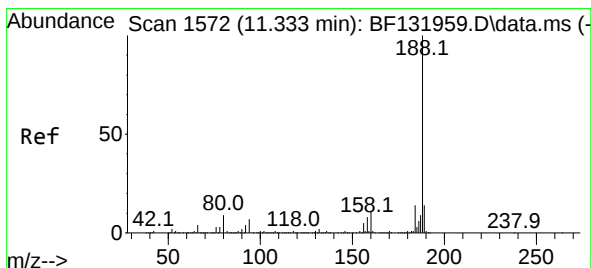
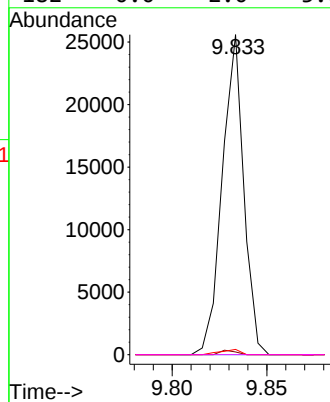
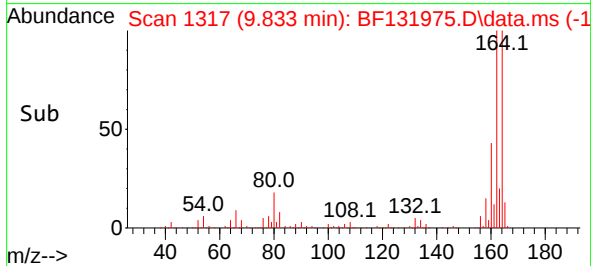


#57
2,4-Dinitrotoluene
Concen: 5.924 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

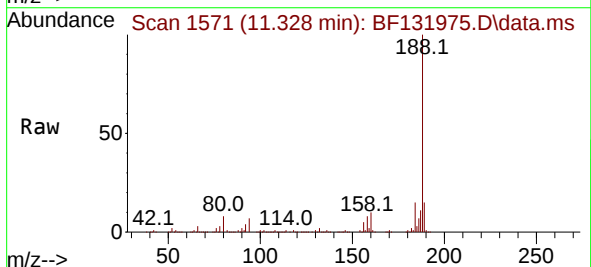
Instrument :
BNA_F
ClientSampleId :
TP-202



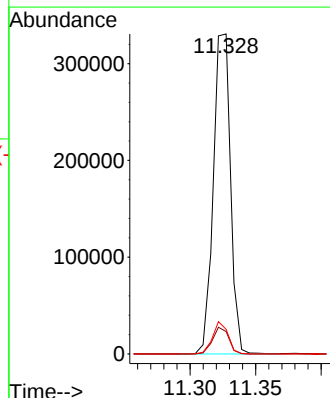
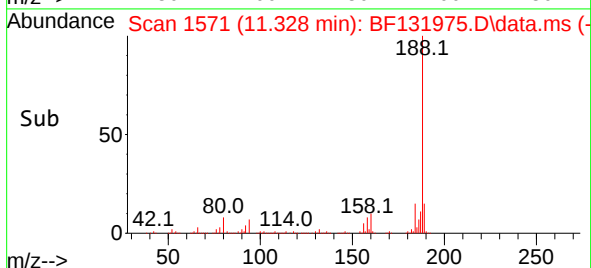
Tgt Ion:165 Resp: 20221
Ion Ratio Lower Upper
165 100
63 0.9 53.2 79.8#
89 1.6 71.2 106.8#
182 0.0 2.0 3.0#

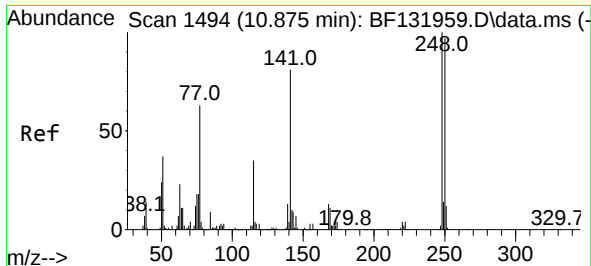


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36



Tgt Ion:188 Resp: 301410
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 7.7 7.4 11.0

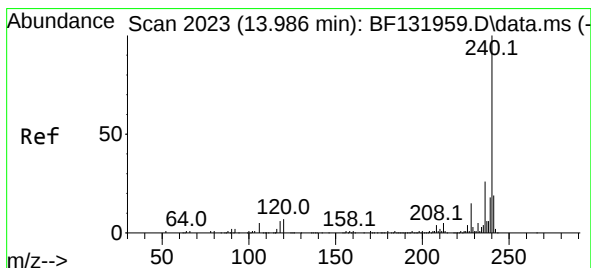
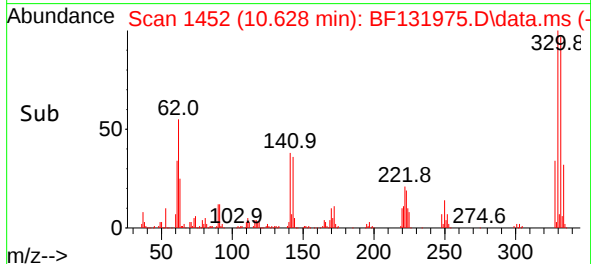
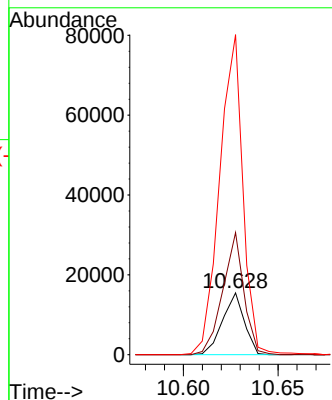
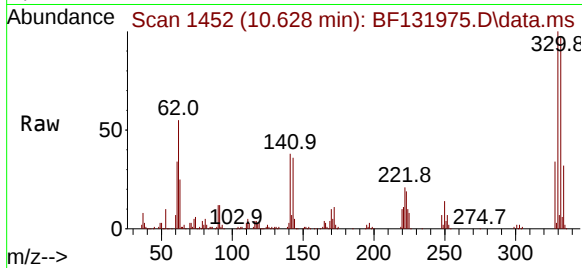




#67
4-Bromophenyl-phenylether
Concen: 3.291 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

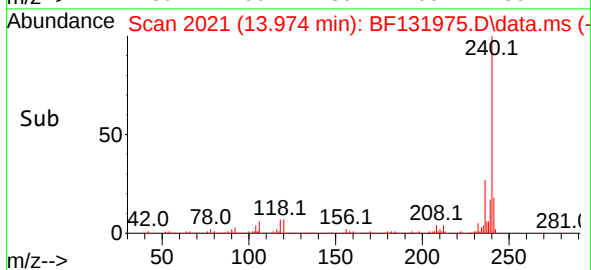
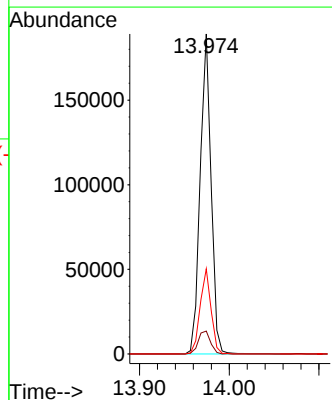
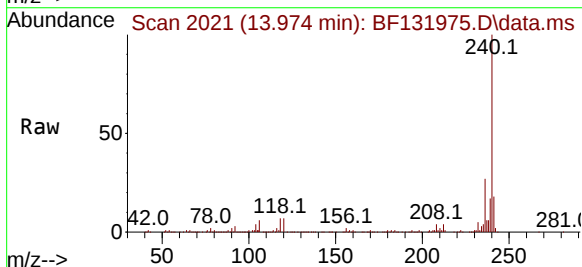
Instrument :
BNA_F
ClientSampleId :
TP-202

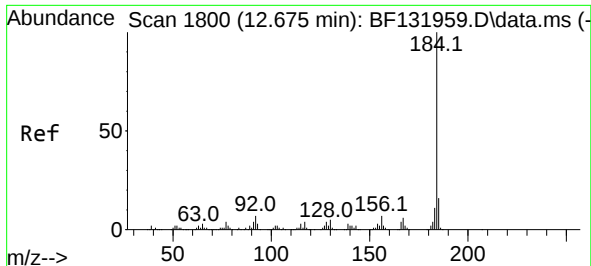
Tgt Ion:248 Resp: 12409
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.2#
141 518.1 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

Tgt Ion:240 Resp: 159604
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.0
236 26.6 21.1 31.7

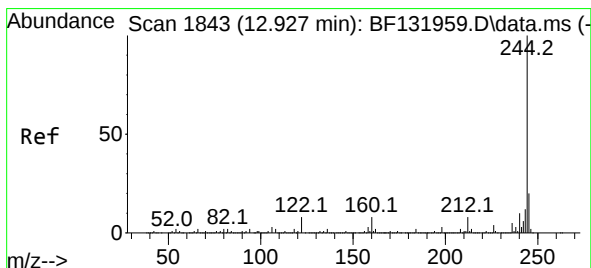
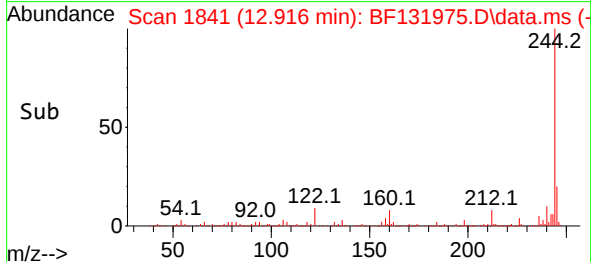
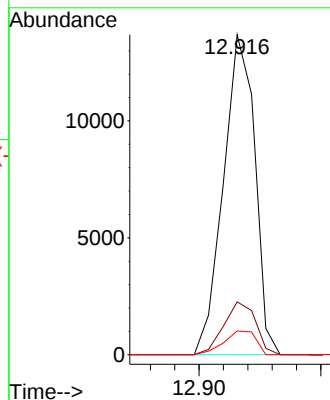
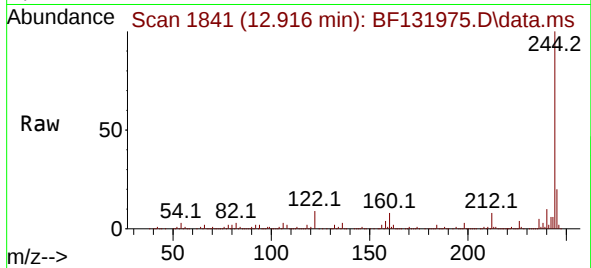




#77
Benzidine
Concen: 2.316 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

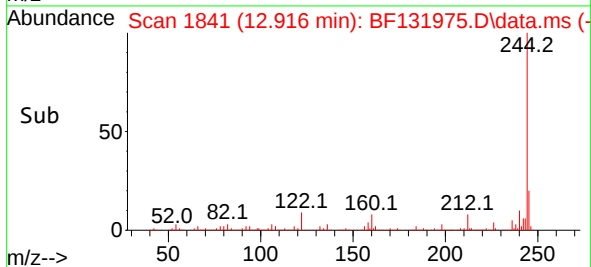
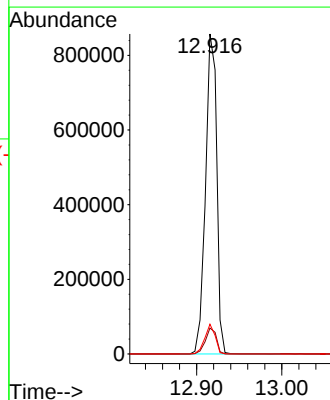
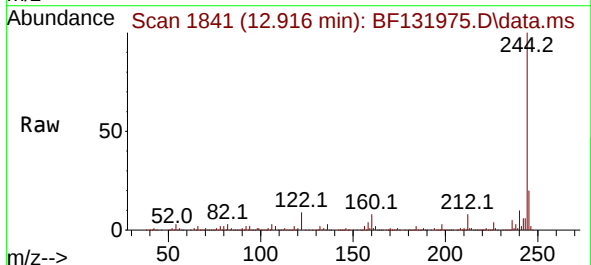
Instrument :
BNA_F
ClientSampleId :
TP-202

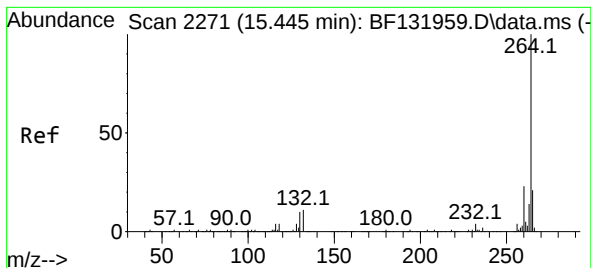
Tgt Ion:184 Resp: 12280
Ion Ratio Lower Upper
184 100
185 16.5 12.8 19.2
183 7.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 70.185 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF131975.D
Acq: 09 Jan 2023 21:36

Tgt Ion:244 Resp: 781558
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.3 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131975.D

Acq: 09 Jan 2023 21:36

Instrument :

BNA_F

ClientSampleId :

TP-202

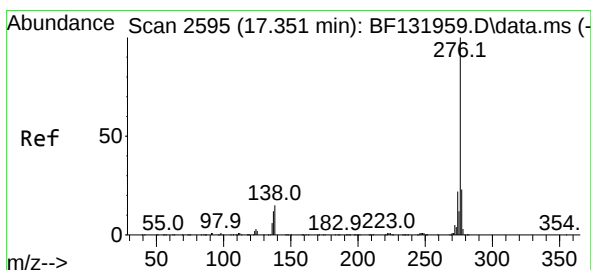
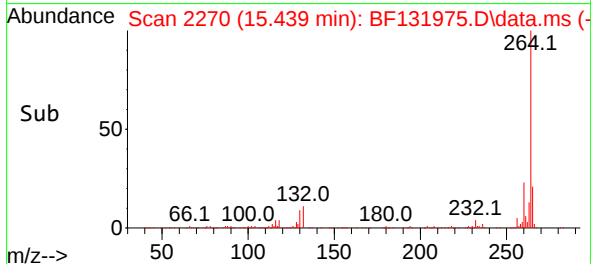
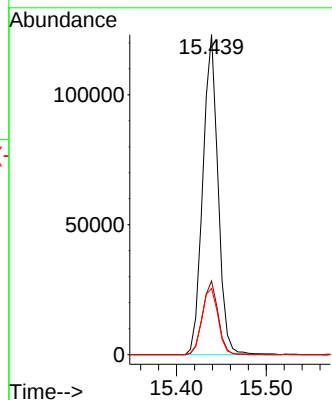
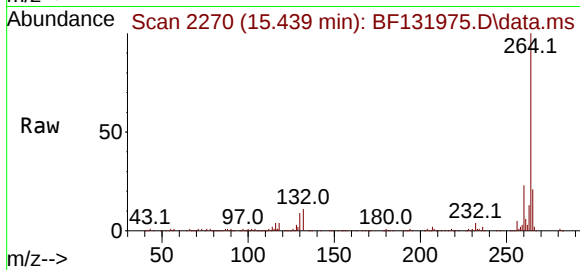
Tgt Ion:264 Resp: 144834

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 20.7 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 3.532 ng

RT: 17.345 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BF131975.D

Acq: 09 Jan 2023 21:36

Tgt Ion:276 Resp: 65

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

