

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132003.D
 Acq On : 10 Jan 2023 18:53
 Operator : CG\JU
 Sample : 01080-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2-(35-37)

Quant Time: Jan 11 00:38:25 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)

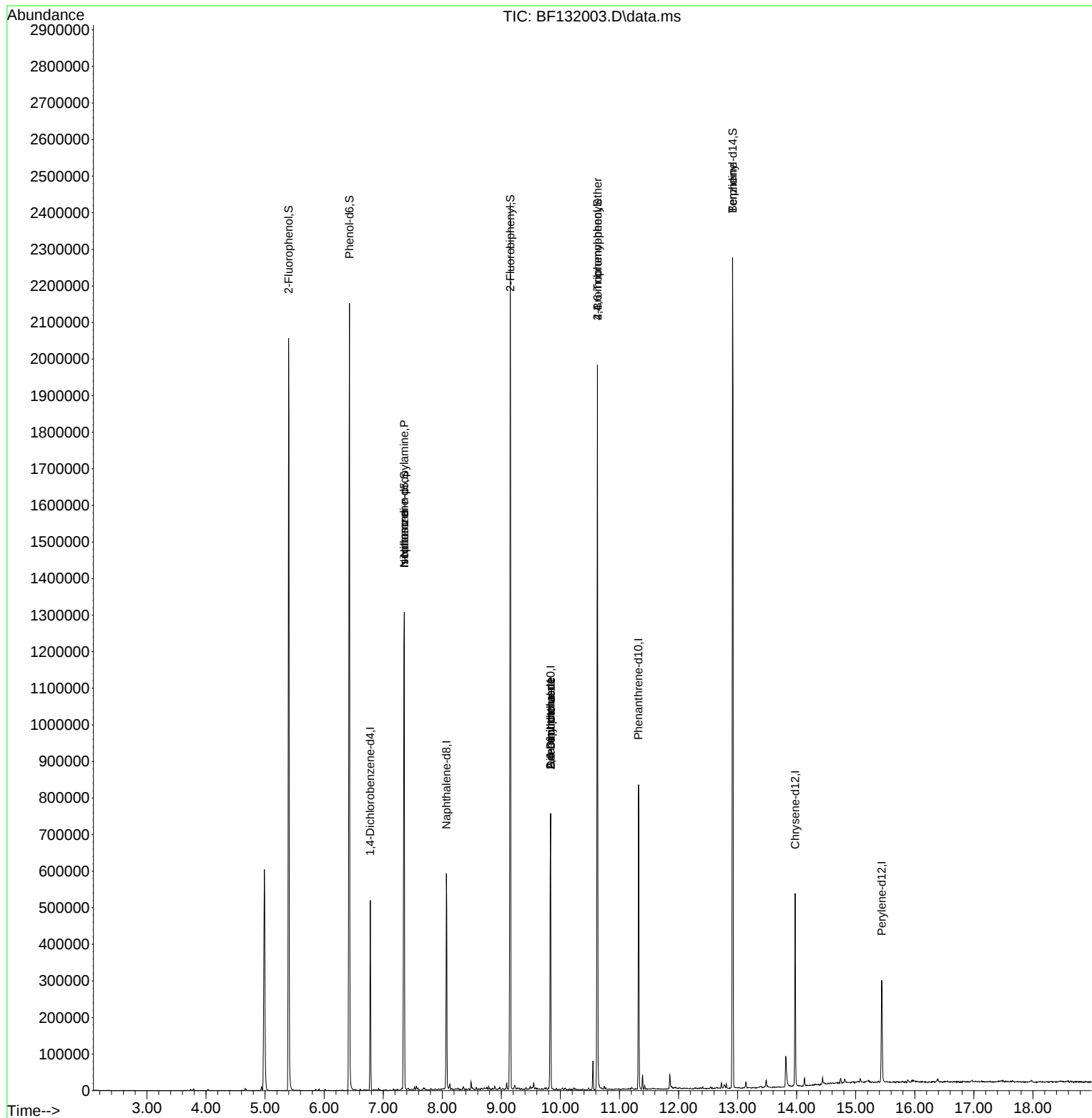
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68239	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	248320	20.000	ng	-0.01
39) Acenaphthene-d10	9.834	164	146451	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	287383	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	159437	20.000	ng	-0.01
86) Perylene-d12	15.439	264	127607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	539041	130.163	ng	0.00
7) Phenol-d6	6.428	99	701820	127.817	ng	0.00
23) Nitrobenzene-d5	7.357	82	497307	83.118	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	204101	121.210	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	712297	65.658	ng	-0.01
79) Terphenyl-d14	12.916	244	782254	70.321	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	71721	18.057	ng	# 75
25) Isophorone	7.357	82	495007	44.287	ng	# 69
50) Dimethylphthalate	9.834	163	30271	2.652	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	18448	7.684	ng	# 21
57) 2,4-Dinitrotoluene	9.834	165	18448	5.747	ng	# 12
67) 4-Bromophenyl-phenylether	10.628	248	13756	3.826	ng	# 1
77) Benzidine	12.916	184	12346	2.331	ng	# 93

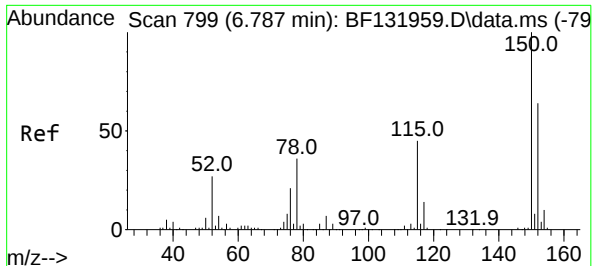
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
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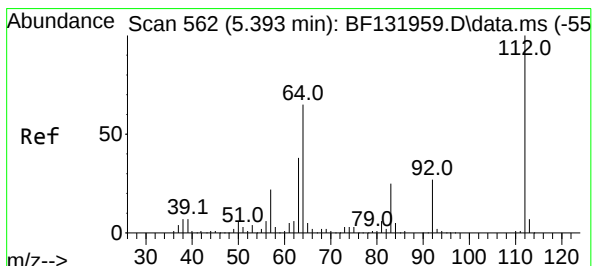
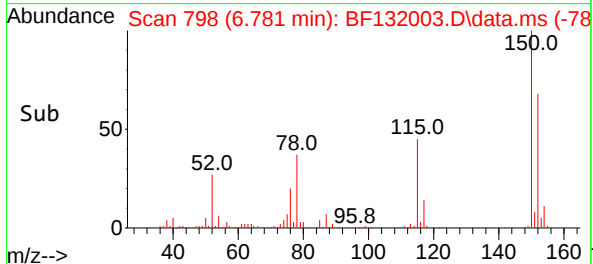
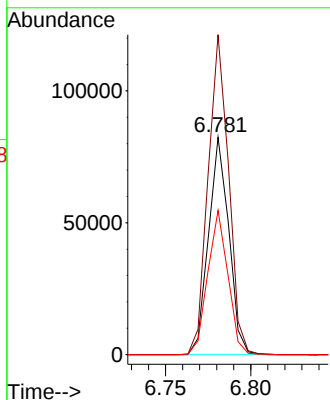
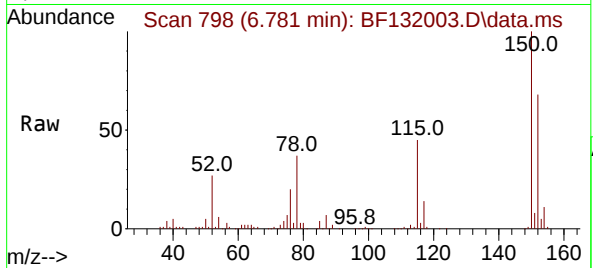




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

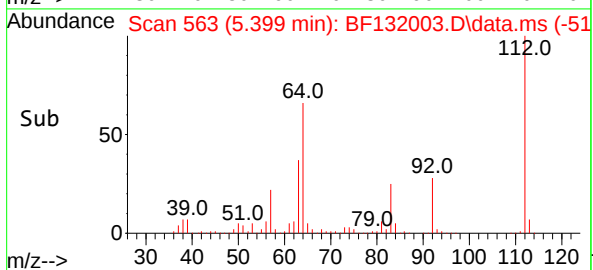
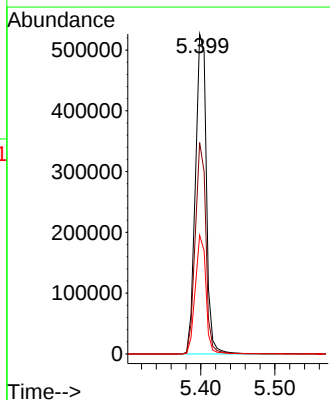
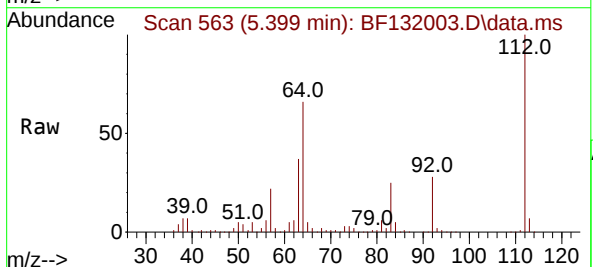
Instrument :
BNA_F
ClientSampleId :
B-2-(35-37)

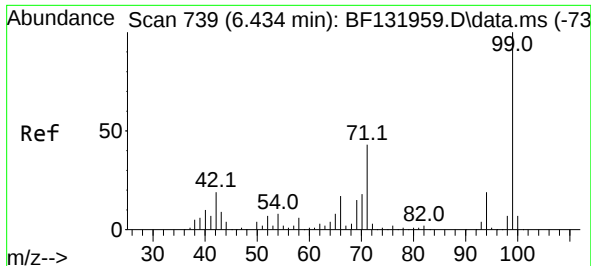
Tgt Ion:152 Resp: 68239
Ion Ratio Lower Upper
152 100
150 147.2 124.6 186.8
115 66.4 55.6 83.4



#5
2-Fluorophenol
Concen: 130.163 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion:112 Resp: 539041
Ion Ratio Lower Upper
112 100
64 66.0 51.9 77.9
63 37.1 30.2 45.2

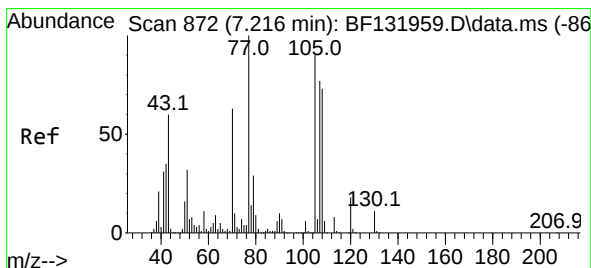
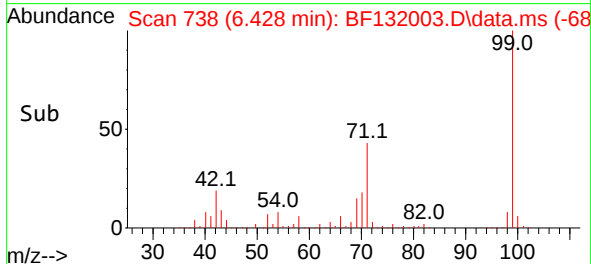
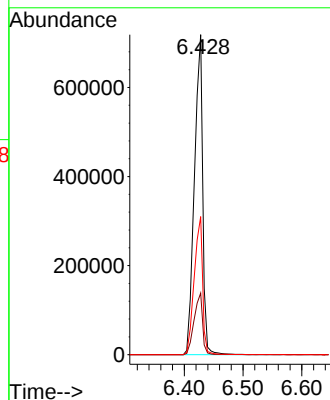
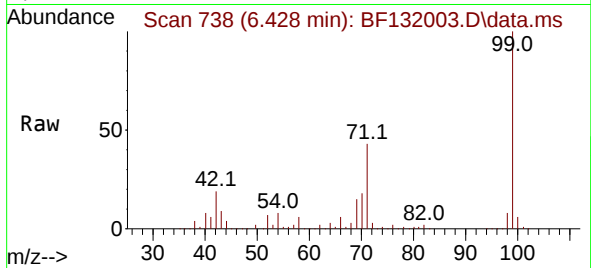




#7
Phenol-d6
Concen: 127.817 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

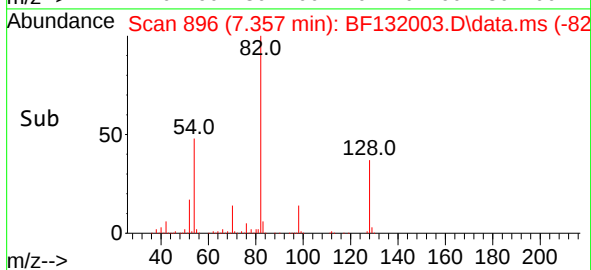
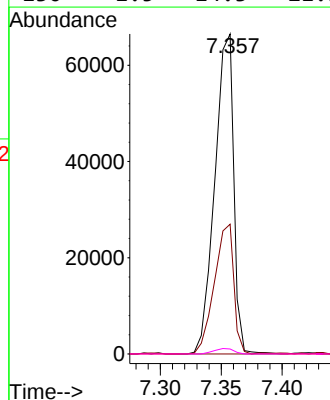
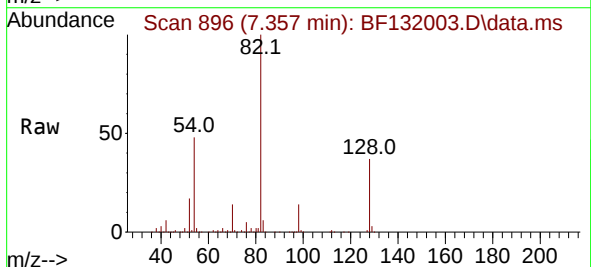
Instrument :
BNA_F
ClientSampleId :
B-2-(35-37)

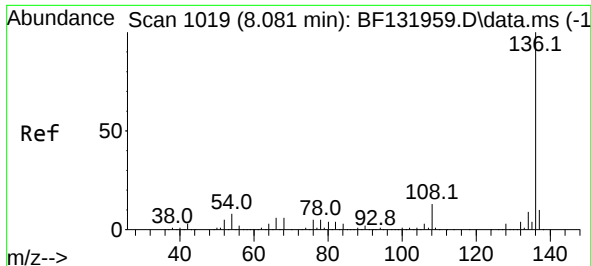
Tgt Ion: 99 Resp: 701820
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.2
71 43.1 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.057 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion: 70 Resp: 71721
Ion Ratio Lower Upper
70 100
42 40.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#

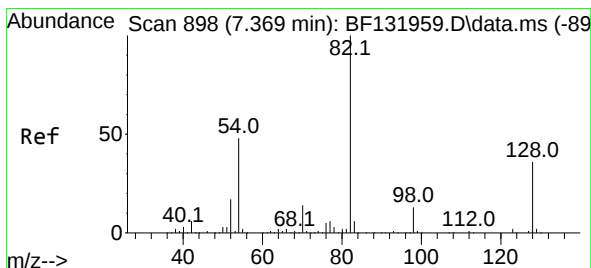
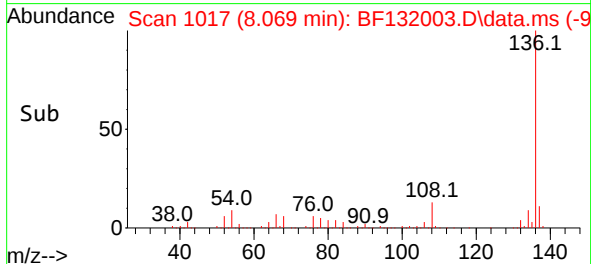
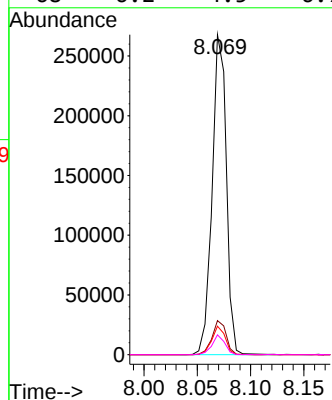
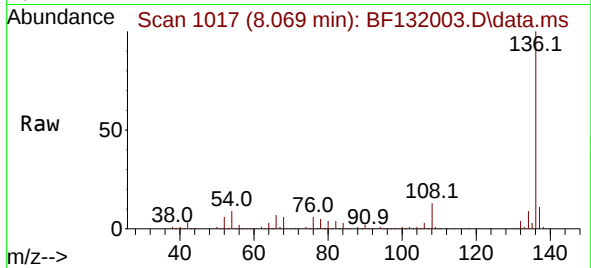




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

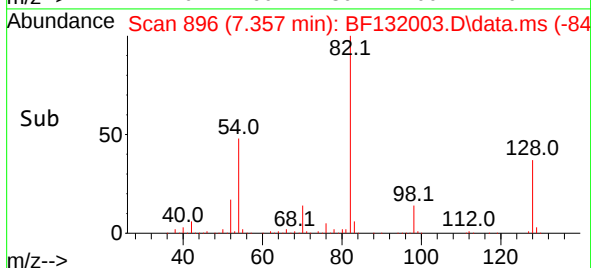
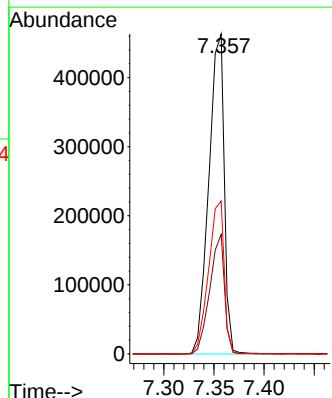
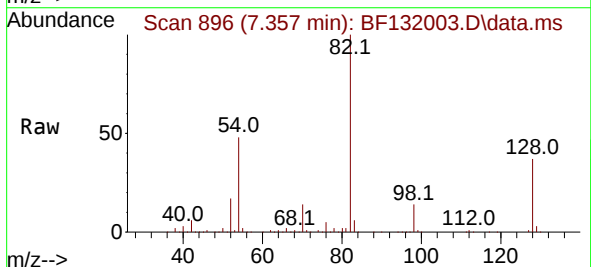
Instrument :
BNA_F
ClientSampleId :
B-2-(35-37)

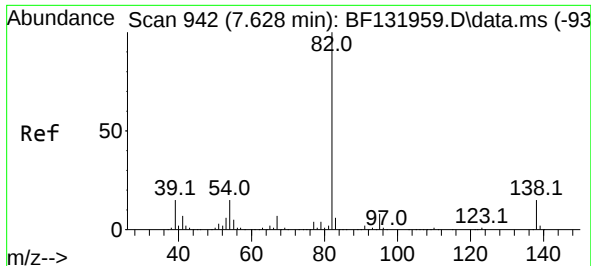
Tgt Ion:136	Resp: 248320
Ion Ratio	Lower Upper
136 100	
137 10.7	8.2 12.2
54 8.9	6.6 9.8
68 6.2	4.5 6.7



#23
Nitrobenzene-d5
Concen: 83.118 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion: 82	Resp: 497307
Ion Ratio	Lower Upper
82 100	
128 37.3	28.7 43.1
54 47.8	38.1 57.1

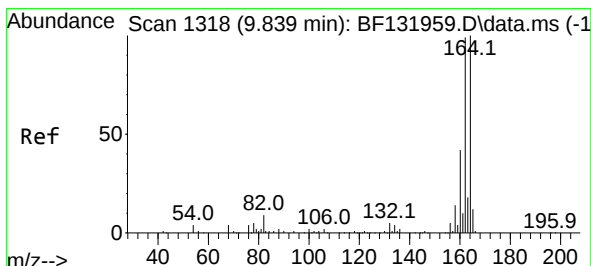
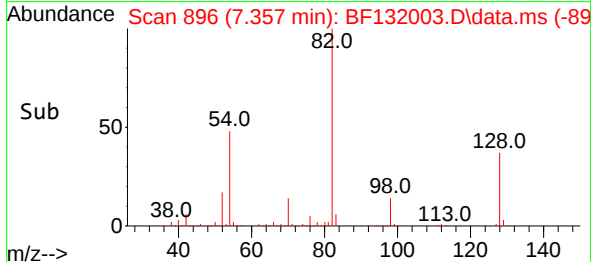
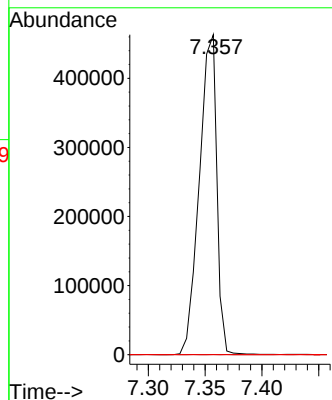
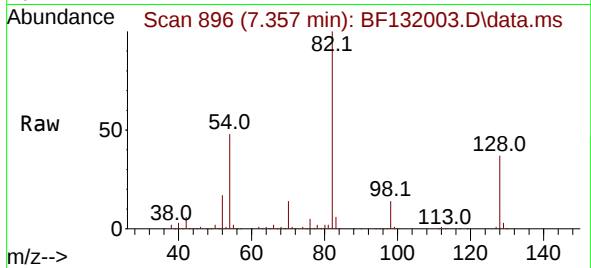




#25
Isophorone
Concen: 44.287 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

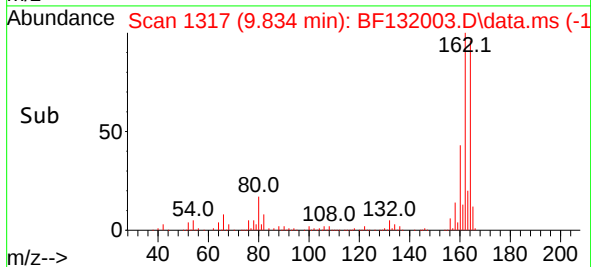
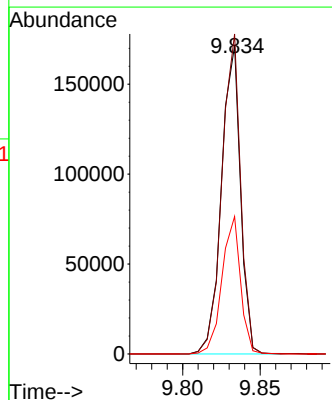
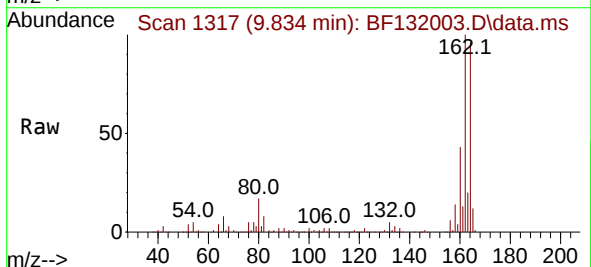
Instrument :
BNA_F
ClientSampleId :
B-2-(35-37)

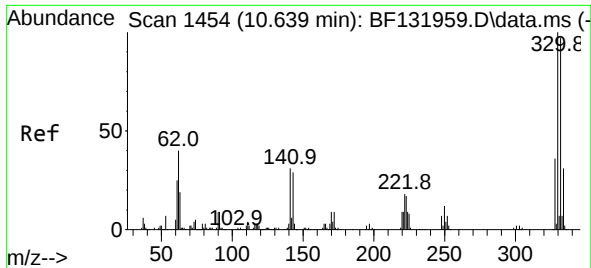
Tgt Ion: 82 Resp: 495007
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion:164 Resp: 146451
Ion Ratio Lower Upper
164 100
162 103.8 79.4 119.0
160 44.6 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 121.210 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132003.D

Acq: 10 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

B-2-(35-37)

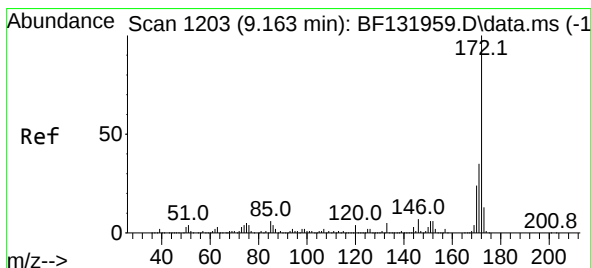
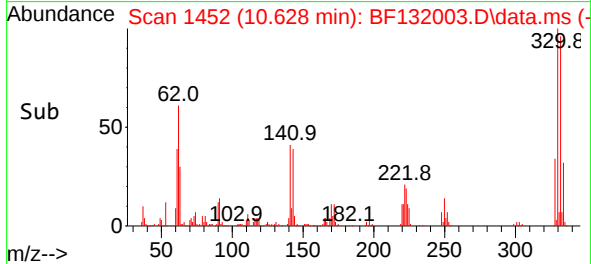
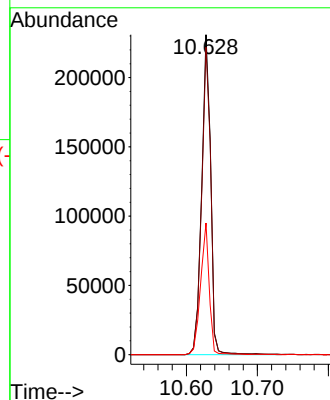
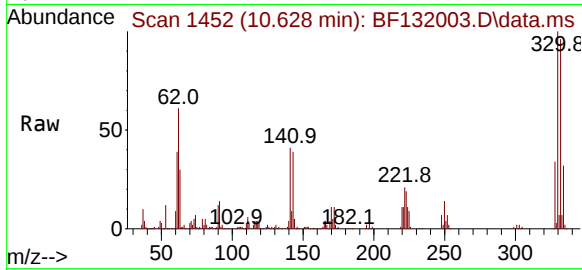
Tgt Ion:330 Resp: 204101

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 39.7 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 65.658 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132003.D

Acq: 10 Jan 2023 18:53

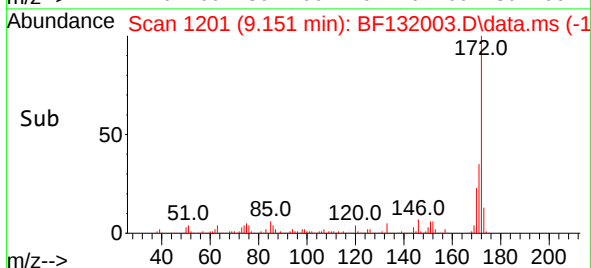
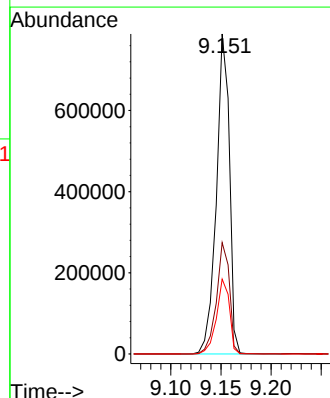
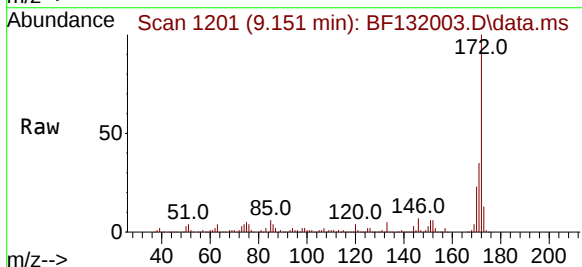
Tgt Ion:172 Resp: 712297

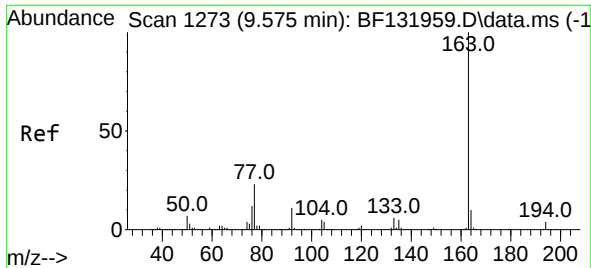
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.4 18.9 28.3

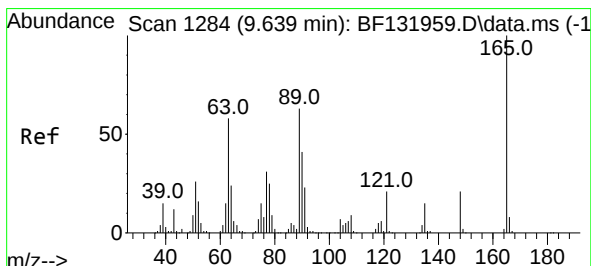
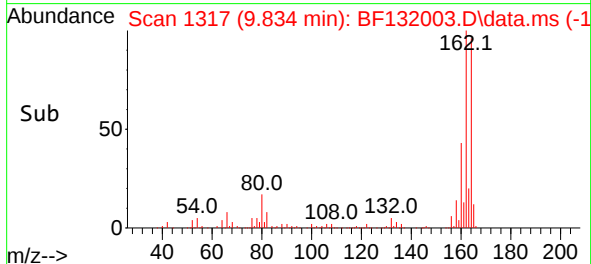
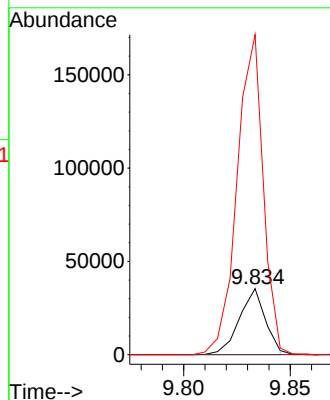
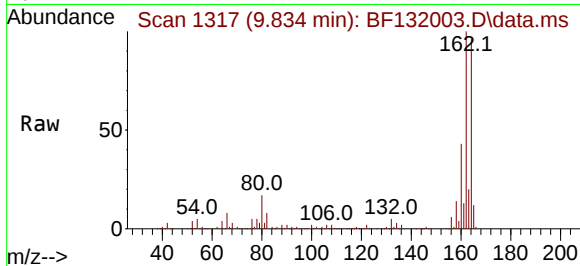




#50
Dimethylphthalate
Concen: 2.652 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

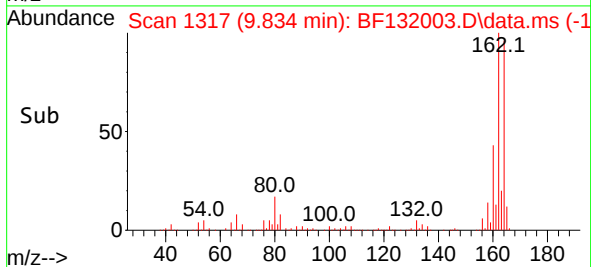
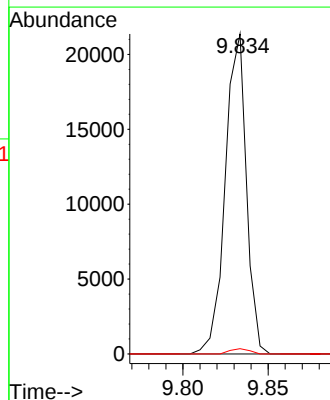
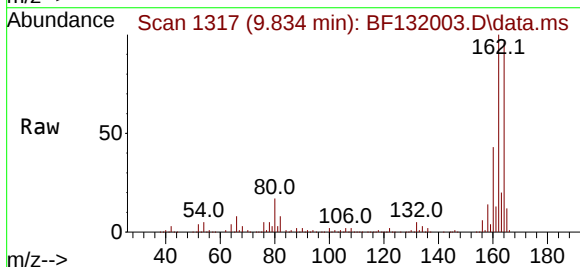
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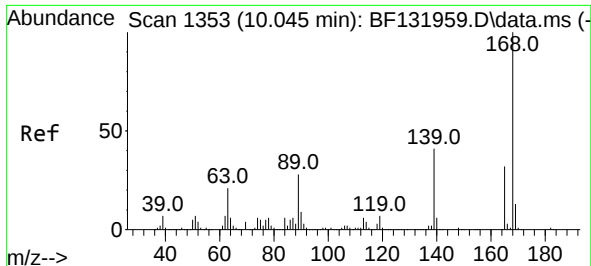
Tgt Ion:163 Resp: 30271
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 483.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.684 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.195 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion:165 Resp: 18448
Ion Ratio Lower Upper
165 100
63 0.0 47.4 71.0#
89 1.7 50.2 75.2#

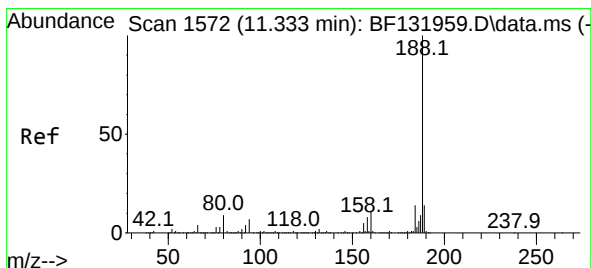
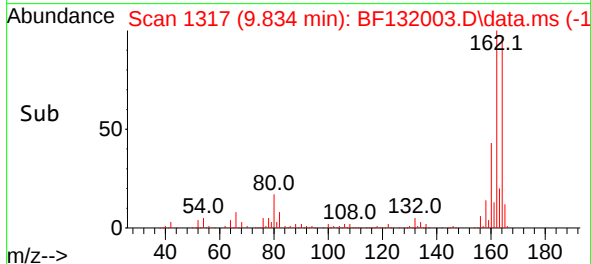
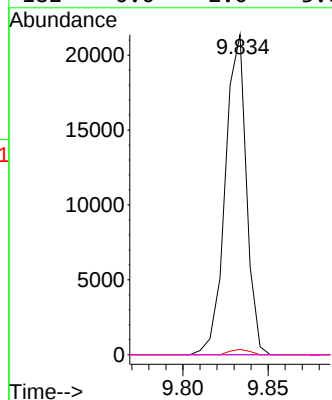
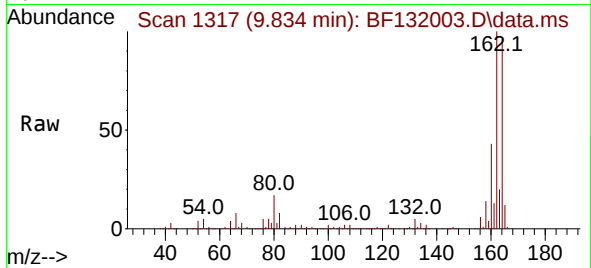




#57
2,4-Dinitrotoluene
Concen: 5.747 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

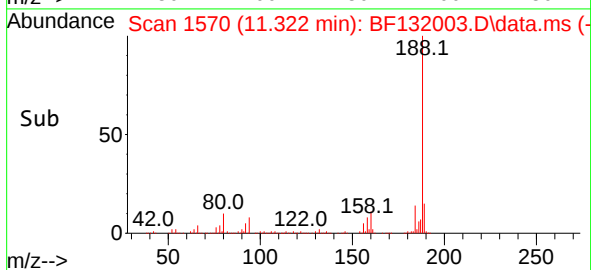
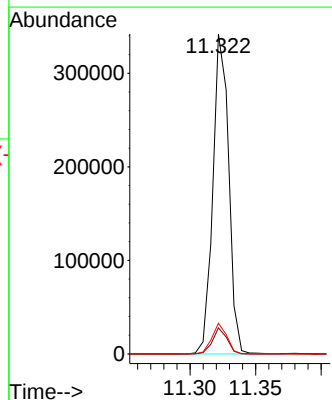
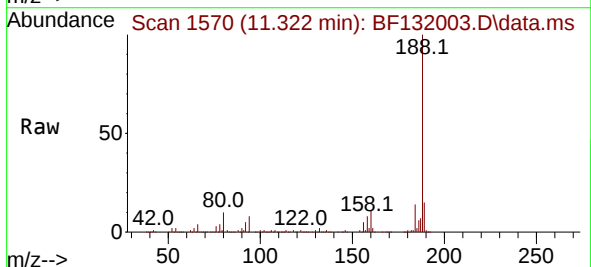
Instrument :
BNA_F
ClientSampleId :
B-2-(35-37)

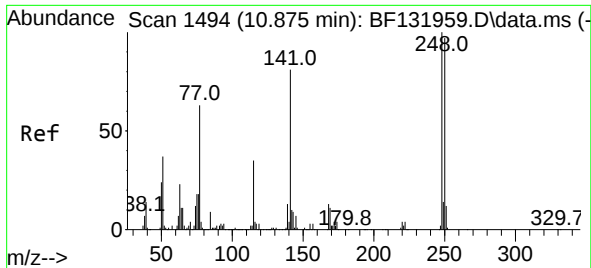
Tgt Ion:165 Resp: 18448
Ion Ratio Lower Upper
165 100
63 0.0 53.2 79.8#
89 1.7 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion:188 Resp: 287383
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.6 7.4 11.0

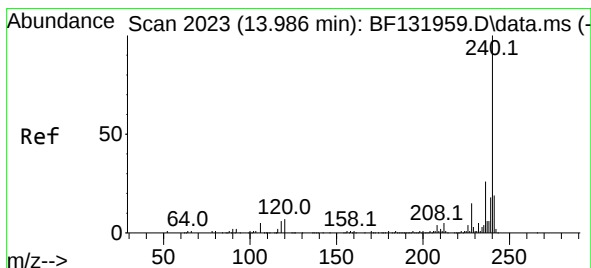
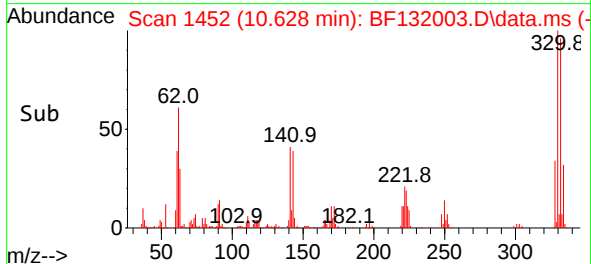
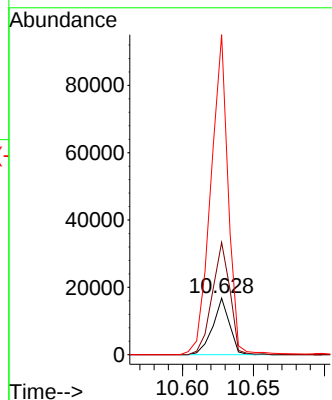
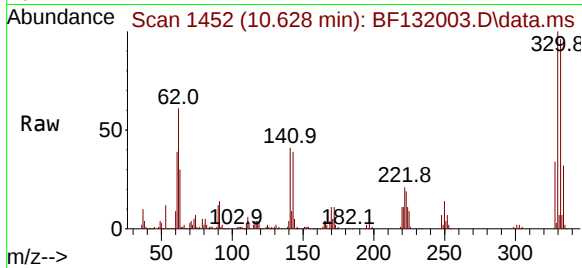




#67
4-Bromophenyl-phenylether
Concen: 3.826 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

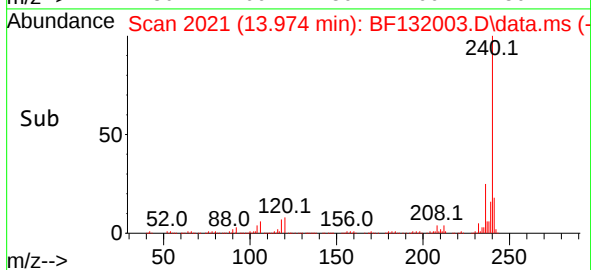
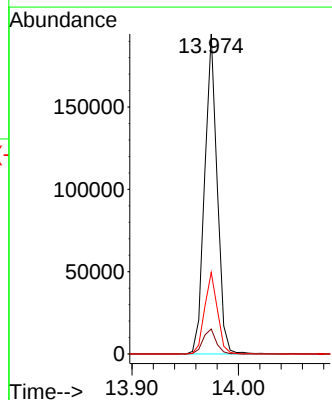
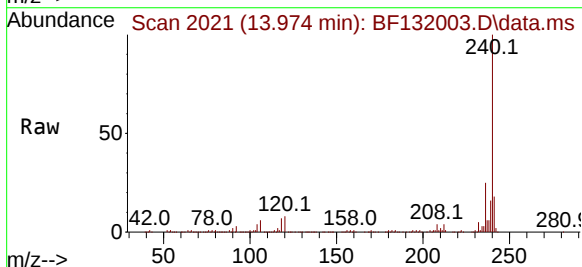
Instrument :
BNA_F
ClientSampleId :
B-2-(35-37)

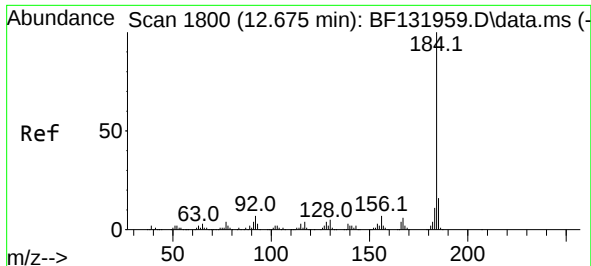
Tgt Ion:248 Resp: 13756
Ion Ratio Lower Upper
248 100
250 198.7 77.4 116.2#
141 566.4 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion:240 Resp: 159437
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 25.5 21.1 31.7

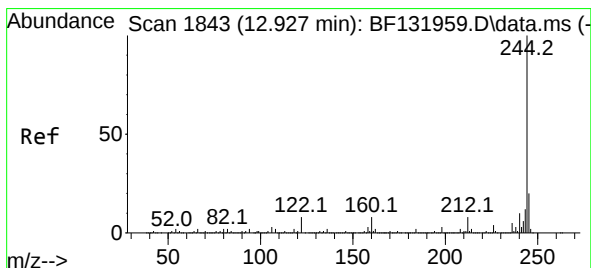
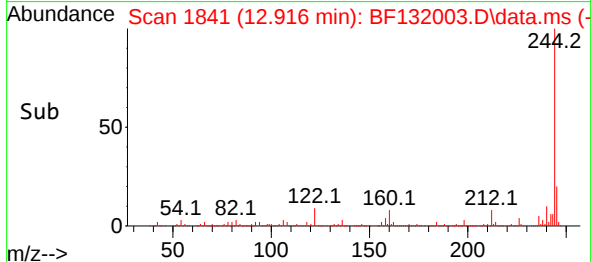
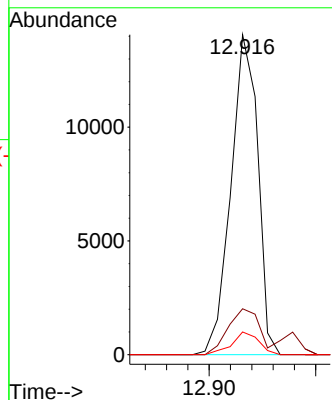
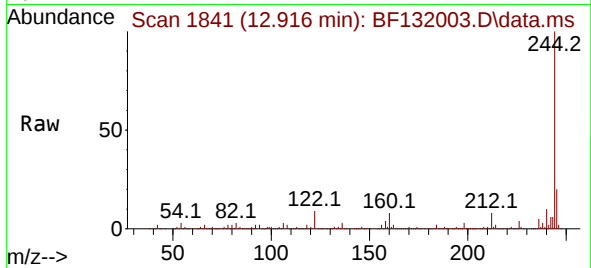




#77
Benzidine
Concen: 2.331 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

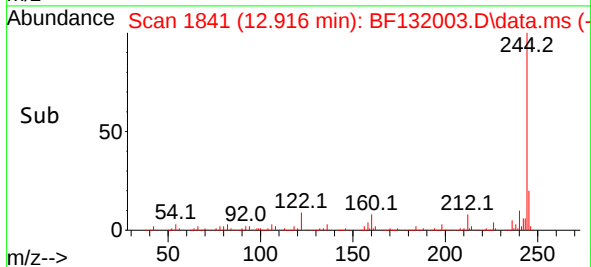
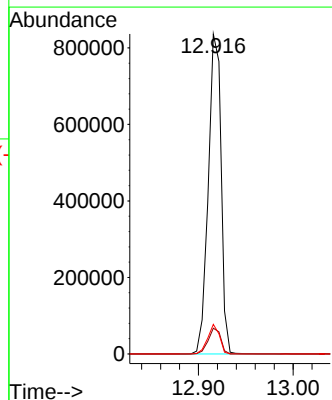
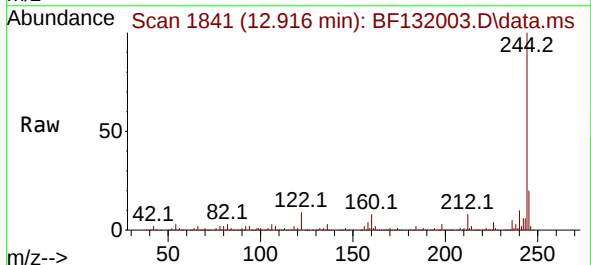
Instrument :
BNA_F
ClientSampleId :
B-2-(35-37)

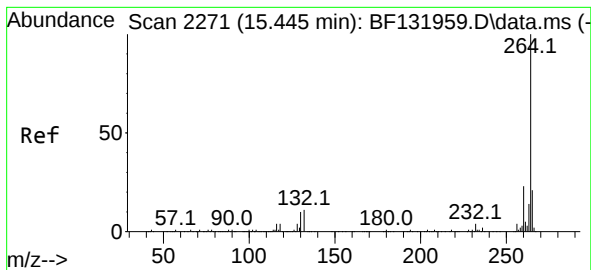
Tgt Ion:184 Resp: 12346
Ion Ratio Lower Upper
184 100
185 14.4 12.8 19.2
183 7.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 70.321 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF132003.D
Acq: 10 Jan 2023 18:53

Tgt Ion:244 Resp: 782254
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 9.2 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: BF132003.D

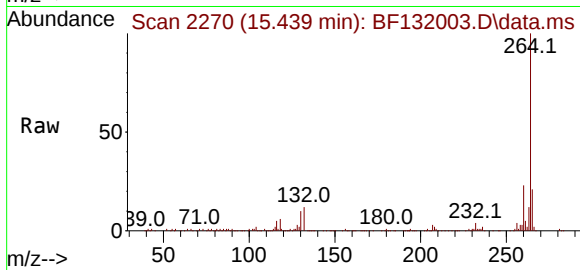
Acq: 10 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

B-2-(35-37)



Tgt Ion:264 Resp: 127607

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.1 16.9 25.3

