

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132102.D
 Acq On : 17 Jan 2023 19:37
 Operator : CG\JU
 Sample : PB150088BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150088BL

Quant Time: Jan 18 05:48:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:47:03 2023
 Response via : Initial Calibration

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

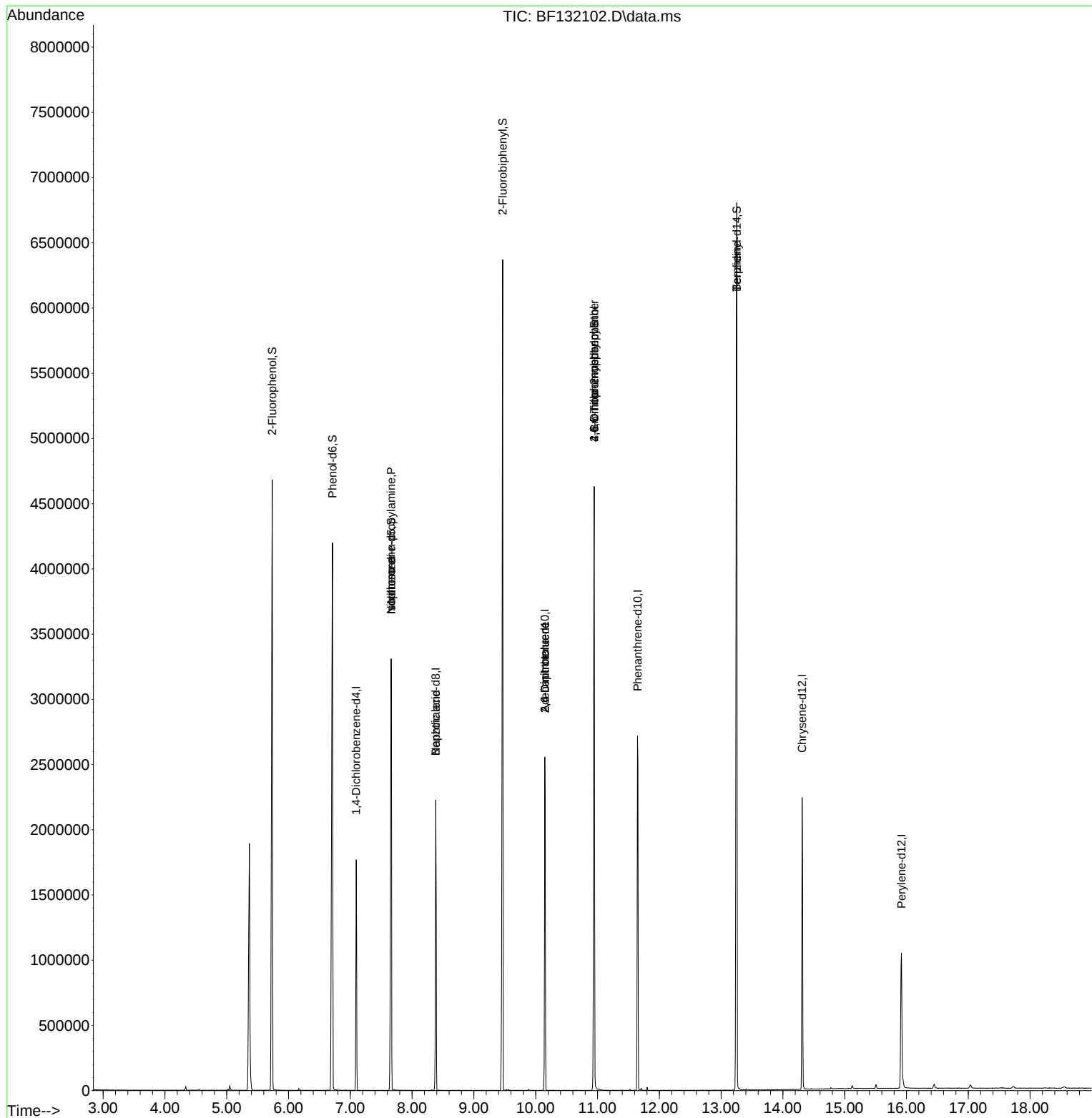
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	239395	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	905298	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	508359	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	1046283	20.000	ng	0.00
76) Chrysene-d12	14.313	240	736209	20.000	ng	0.00
86) Perylene-d12	15.918	264	528157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1392706	104.097	ng	0.01
7) Phenol-d6	6.713	99	1832892	106.209	ng	0.00
23) Nitrobenzene-d5	7.660	82	1256824	77.621	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	591363	114.922	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2049313	60.379	ng	0.00
79) Terphenyl-d14	13.254	244	2681120	61.390	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	173257	15.763	ng	# 79
25) Isophorone	7.660	82	1253561	36.348	ng	# 66
32) Benzoic acid	8.383	122	174	7.020	ng	# 1
51) 2,6-Dinitrotoluene	10.148	165	65515	9.353	ng	# 21
57) 2,4-Dinitrotoluene	10.148	165	65515	7.676	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.948	198	1773	5.025	ng	# 1
67) 4-Bromophenyl-phenylether	10.948	248	38542	3.291	ng	# 1
77) Benzidine	13.254	184	46251	2.393	ng	# 93

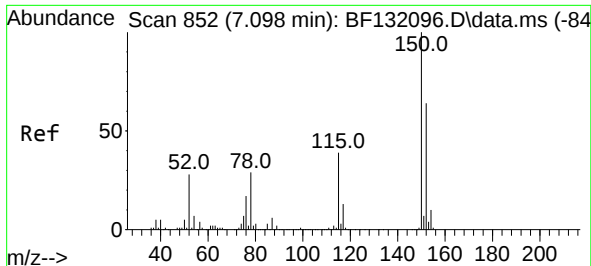
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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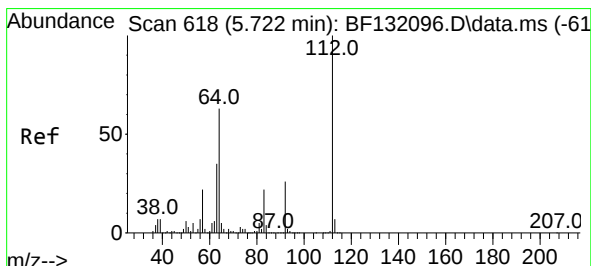
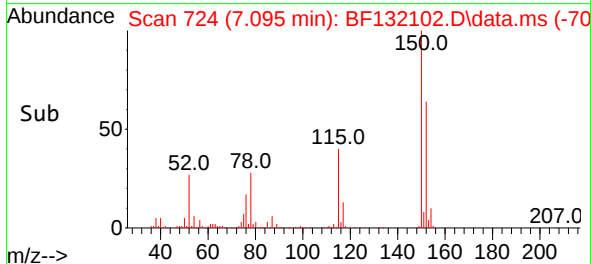
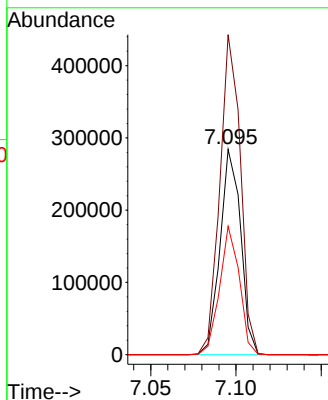
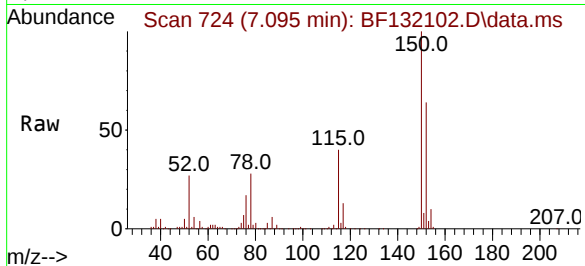




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

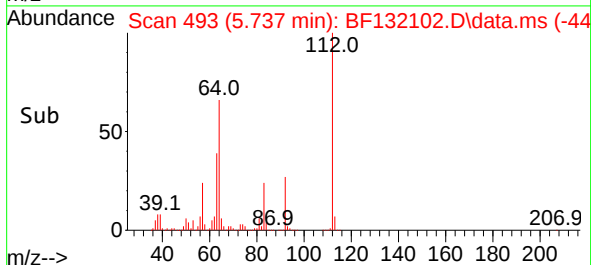
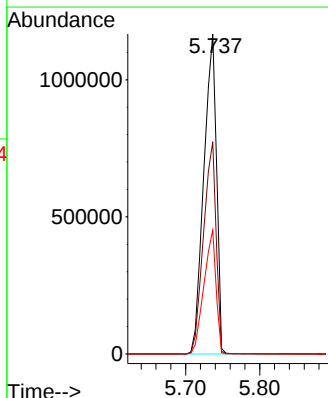
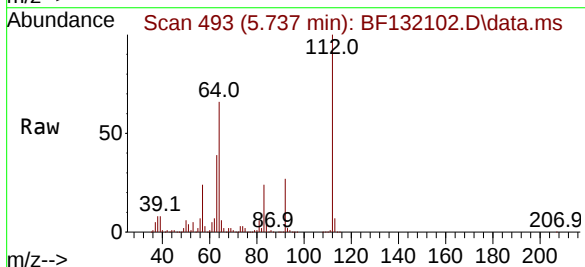
Instrument :
BNA_F
ClientSampleId :
PB150088BL

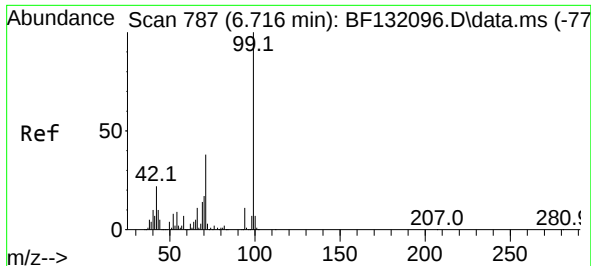
Tgt Ion:152 Resp: 239395
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 62.5 49.1 73.7



#5
2-Fluorophenol
Concen: 104.097 ng
RT: 5.737 min Scan# 493
Delta R.T. 0.015 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

Tgt Ion:112 Resp: 1392706
Ion Ratio Lower Upper
112 100
64 66.3 50.5 75.7
63 38.7 28.0 42.0

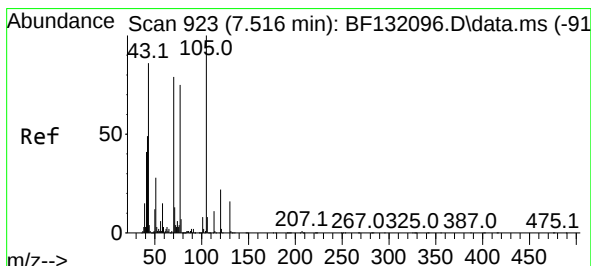
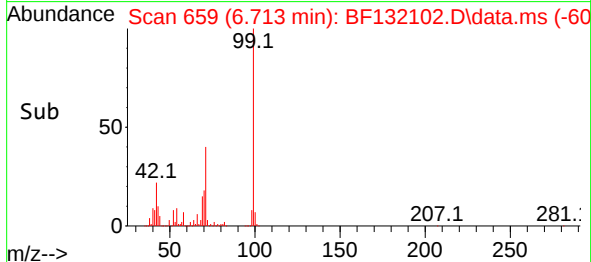
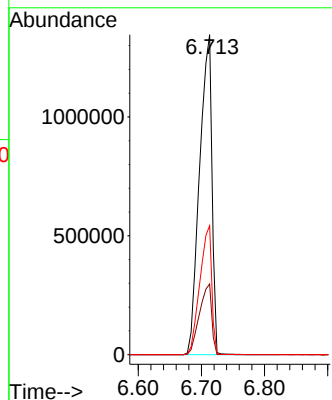
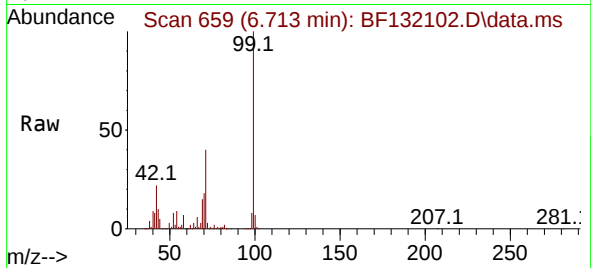




#7
Phenol-d6
Concen: 106.209 ng
RT: 6.713 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

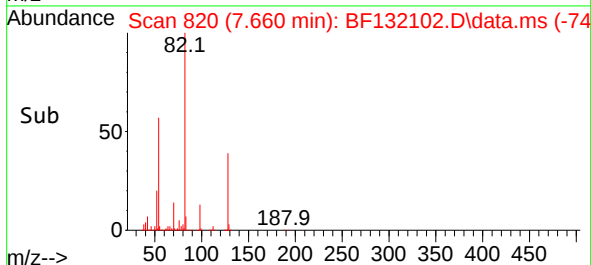
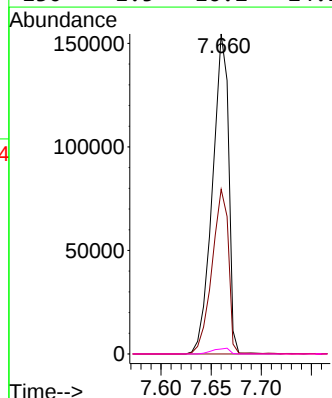
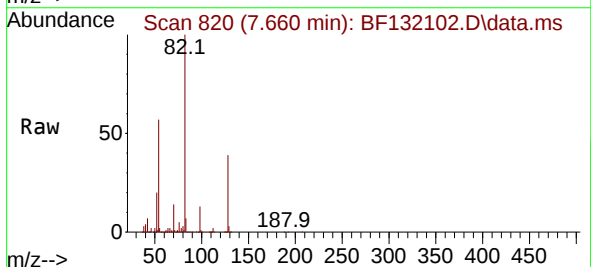
Instrument :
BNA_F
ClientSampleId :
PB150088BL

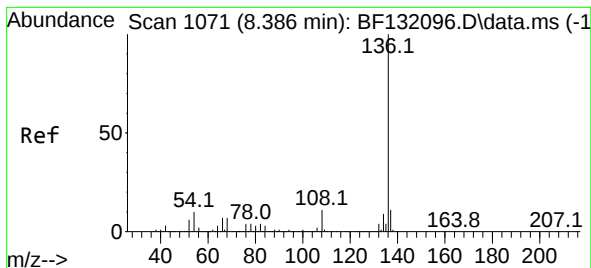
Tgt Ion: 99 Resp: 1832892
Ion Ratio Lower Upper
99 100
42 22.1 17.2 25.8
71 40.3 30.4 45.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.763 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.144 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

Tgt Ion: 70 Resp: 173257
Ion Ratio Lower Upper
70 100
42 51.5 50.1 75.1
101 0.0 7.8 11.8#
130 1.5 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.383 min Scan# 94

Delta R.T. -0.003 min

Lab File: BF132102.D

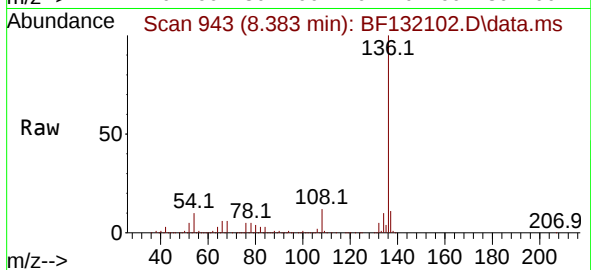
Acq: 17 Jan 2023 19:37

Instrument :

BNA_F

ClientSampleId :

PB150088BL



Tgt Ion:136 Resp: 905298

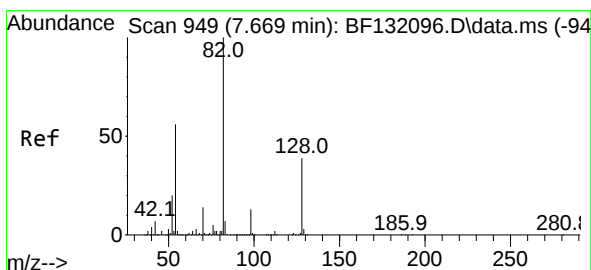
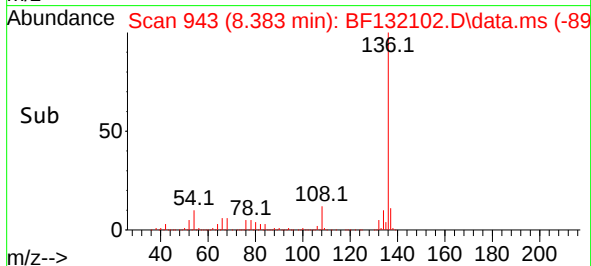
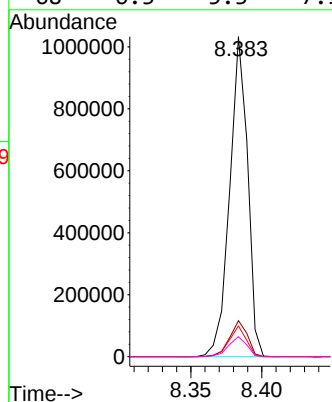
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.6 7.9 11.9

68 6.3 5.3 7.9



#23

Nitrobenzene-d5

Concen: 77.621 ng

RT: 7.660 min Scan# 820

Delta R.T. -0.009 min

Lab File: BF132102.D

Acq: 17 Jan 2023 19:37

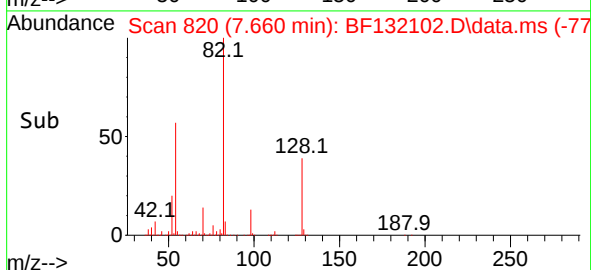
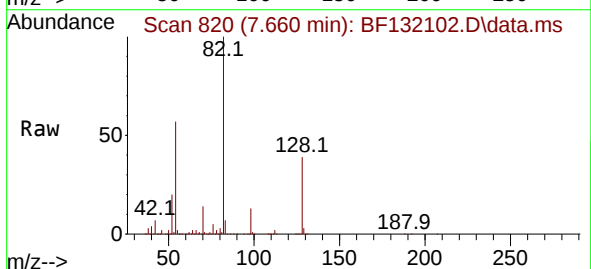
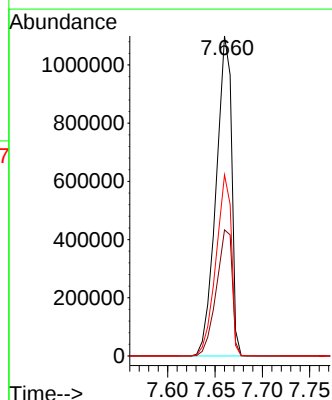
Tgt Ion: 82 Resp: 1256824

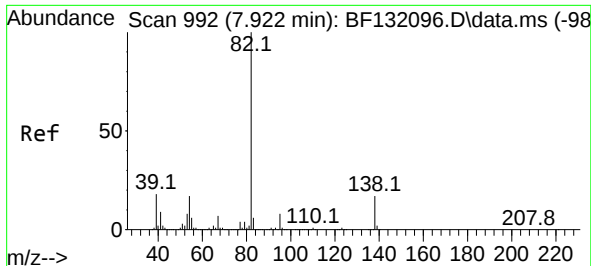
Ion Ratio Lower Upper

82 100

128 39.4 31.2 46.8

54 56.6 45.1 67.7

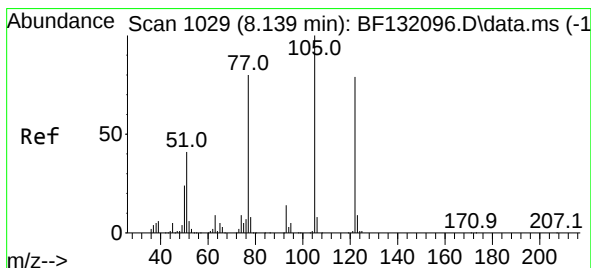
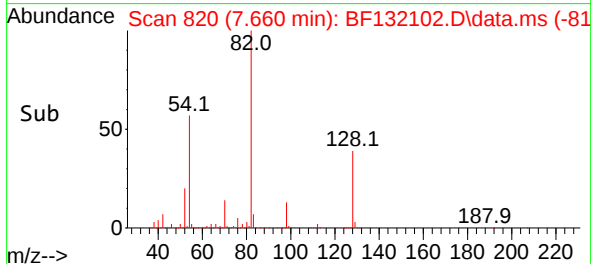
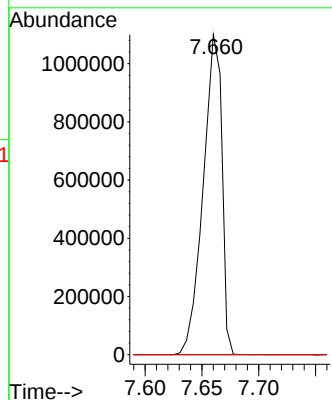
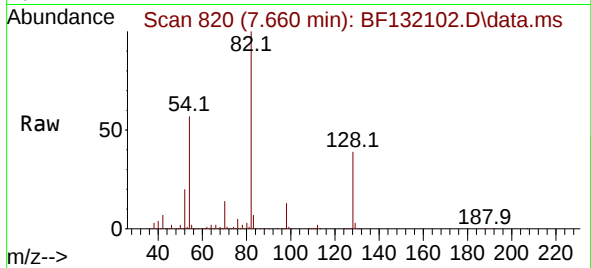




#25
Isophorone
Concen: 36.348 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.262 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

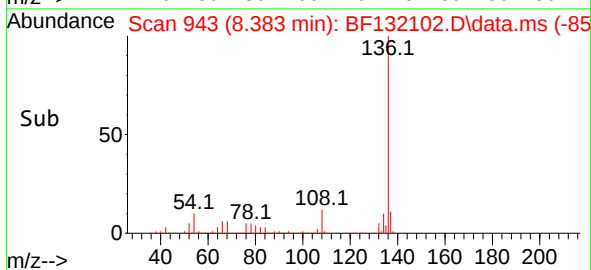
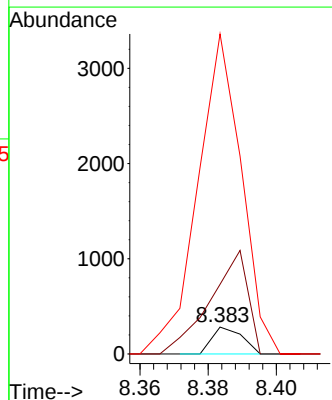
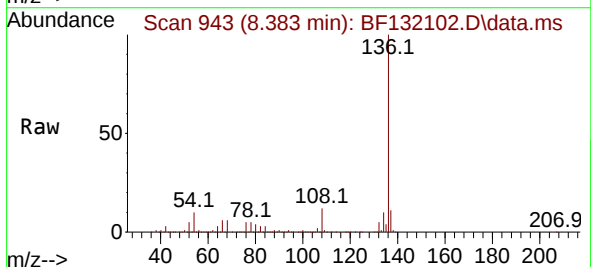
Instrument :
BNA_F
ClientSampleId :
PB150088BL

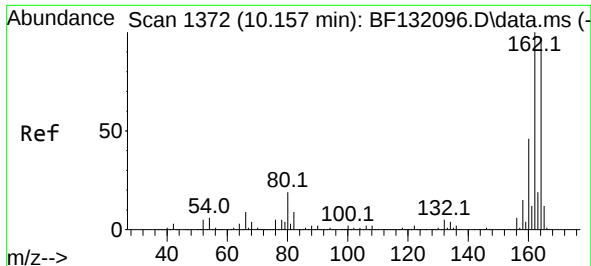
Tgt Ion: 82 Resp: 1253561
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.020 ng
RT: 8.383 min Scan# 943
Delta R.T. 0.244 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

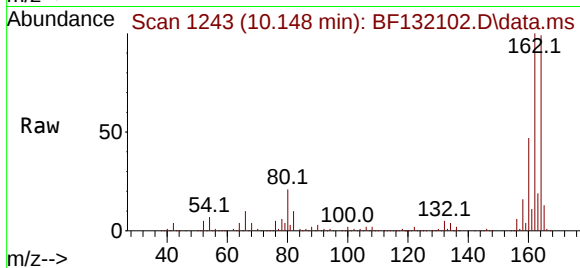
Tgt Ion:122 Resp: 174
Ion Ratio Lower Upper
122 100
105 258.7 105.0 145.0#
77 1188.0 80.1 120.1#



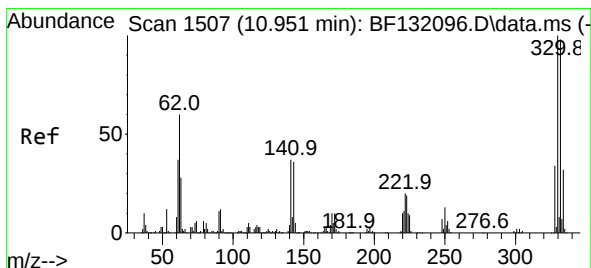
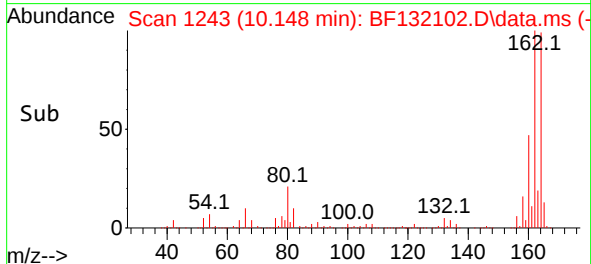
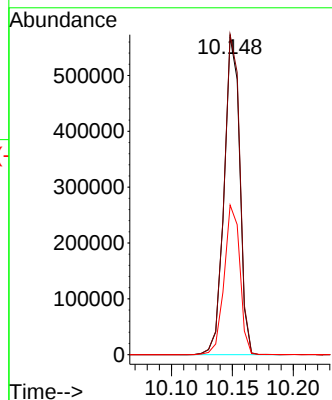


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

Instrument :
BNA_F
ClientSampleId :
PB150088BL

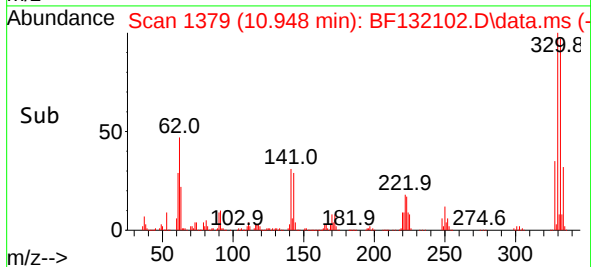
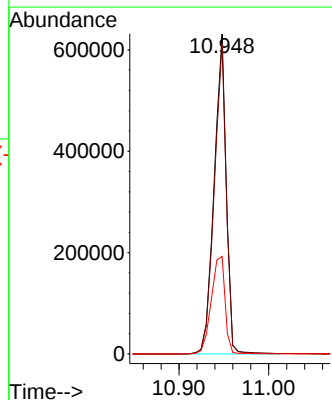
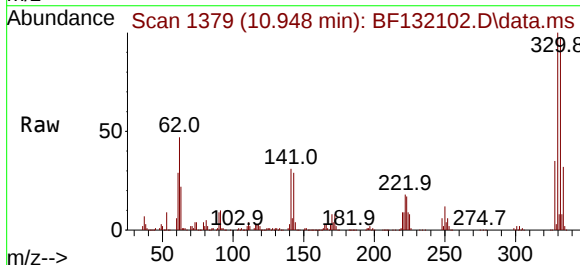


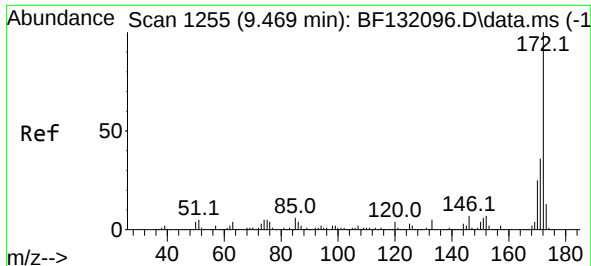
Tgt Ion:164 Resp: 508359
Ion Ratio Lower Upper
164 100
162 100.6 82.5 123.7
160 47.1 38.2 57.2



#42
2,4,6-Tribromophenol
Concen: 114.922 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.003 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

Tgt Ion:330 Resp: 591363
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 34.9 29.4 44.0

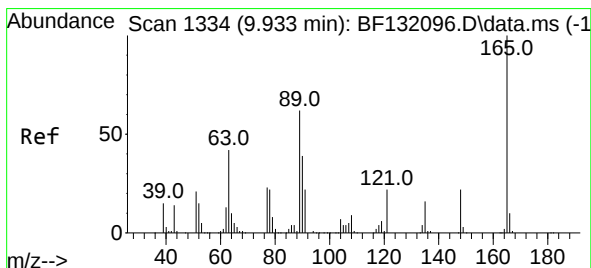
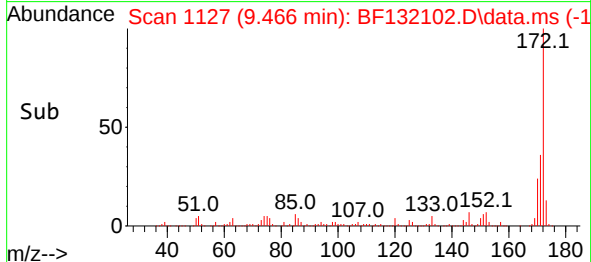
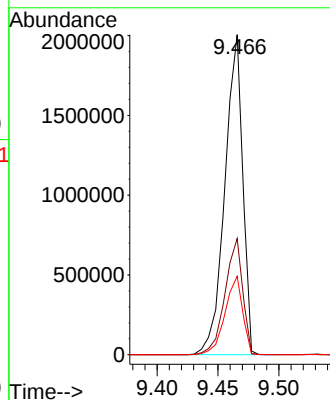
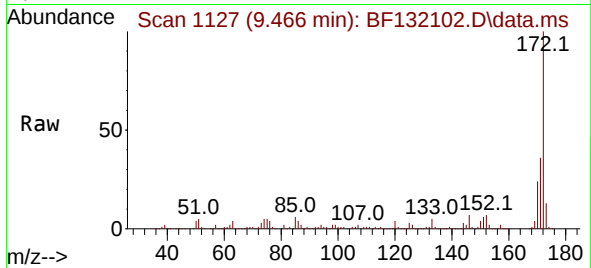




#45
2-Fluorobiphenyl
Concen: 60.379 ng
RT: 9.466 min Scan# 1127
Delta R.T. -0.003 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

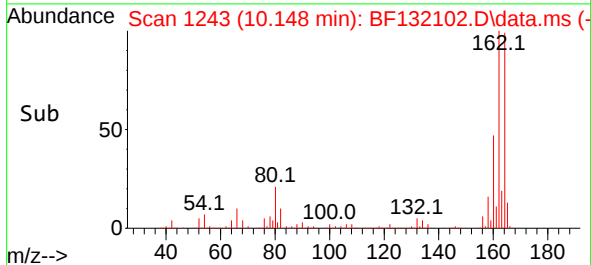
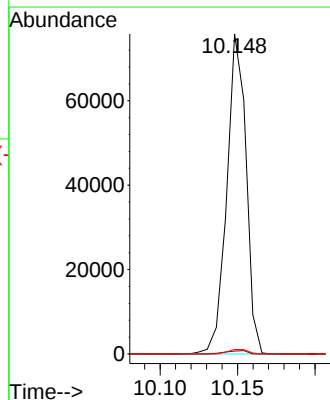
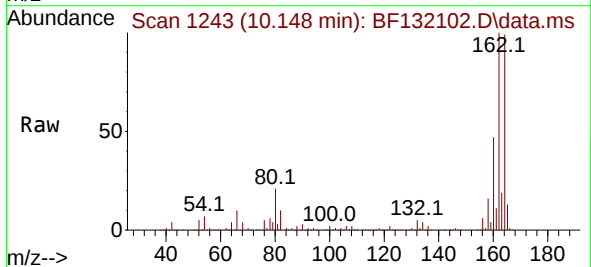
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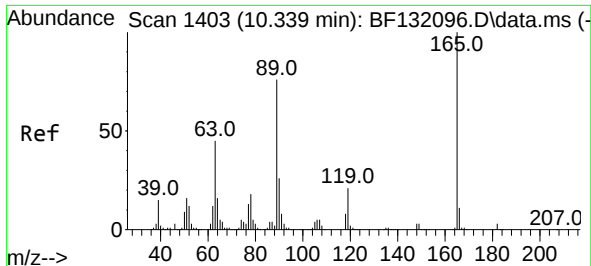
Tgt Ion:172 Resp: 2049313
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.353 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.215 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

Tgt Ion:165 Resp: 65515
Ion Ratio Lower Upper
165 100
63 0.9 48.7 73.1#
89 1.4 50.0 75.0#

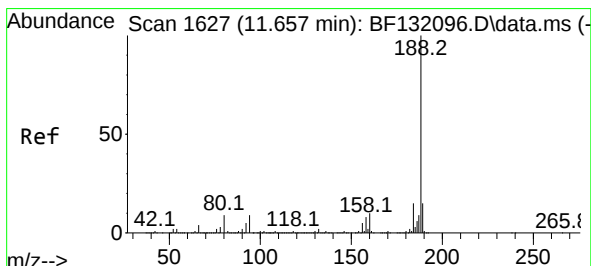
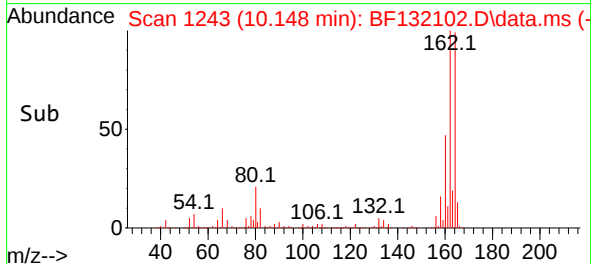
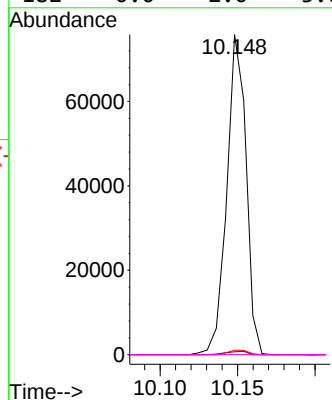
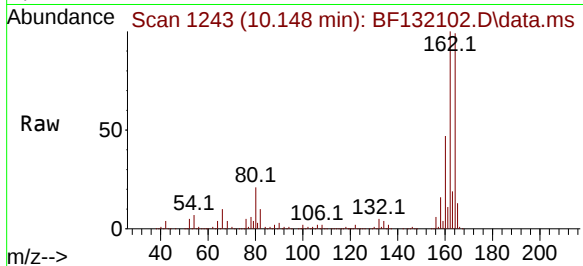




#57
2,4-Dinitrotoluene
Concen: 7.676 ng
RT: 10.148 min Scan# 1498
Delta R.T. -0.191 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

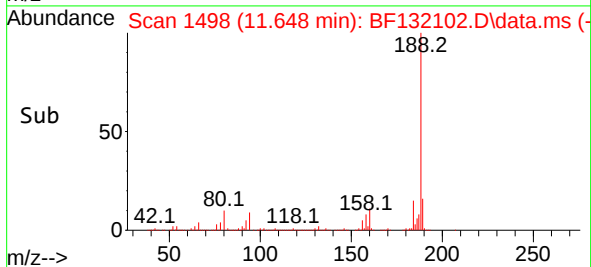
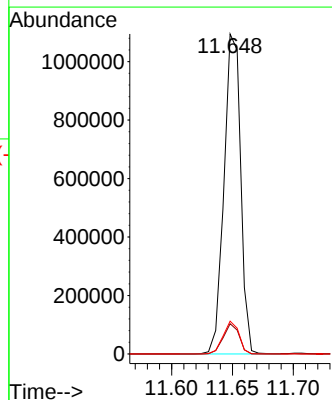
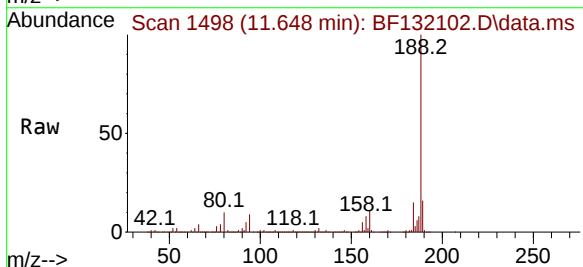
Instrument :
BNA_F
ClientSampleId :
PB150088BL

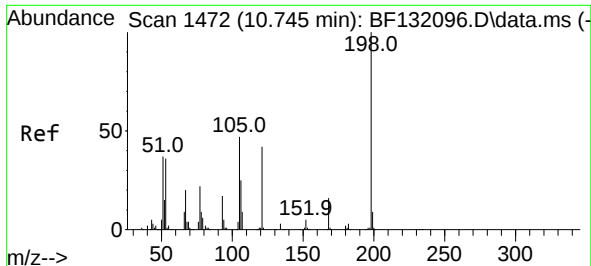
Tgt Ion:165 Resp: 65515
Ion Ratio Lower Upper
165 100
63 0.9 36.1 54.1#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.009 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

Tgt Ion:188 Resp: 1046283
Ion Ratio Lower Upper
188 100
94 9.5 7.1 10.7
80 10.3 7.2 10.8

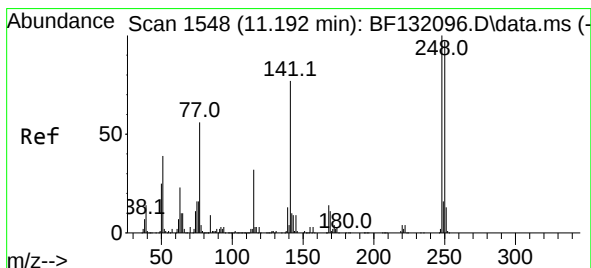
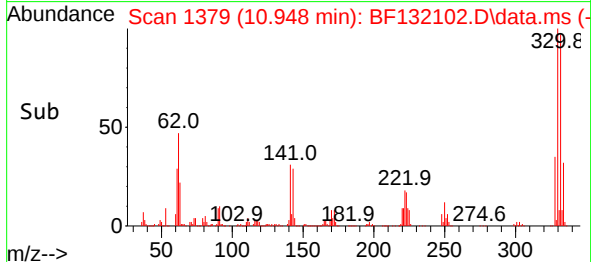
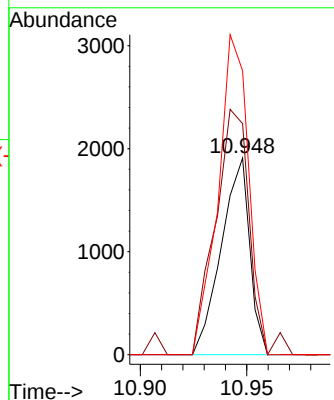
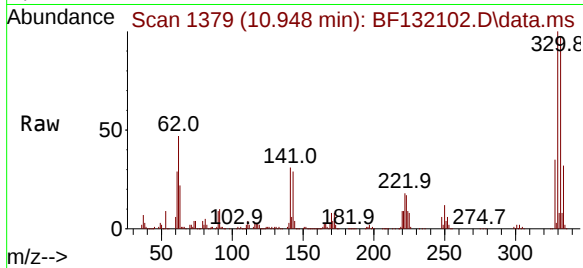




#65
4,6-Dinitro-2-methylphenol
Concen: 5.025 ng
RT: 10.948 min Scan# 1379
Delta R.T. 0.203 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

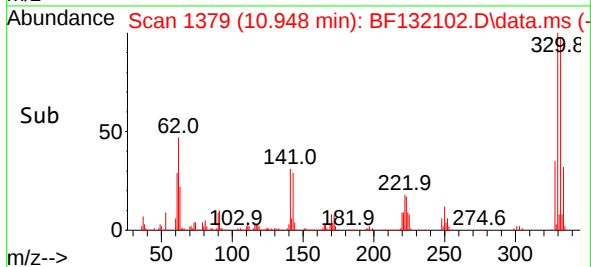
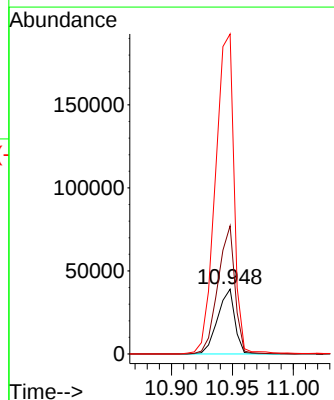
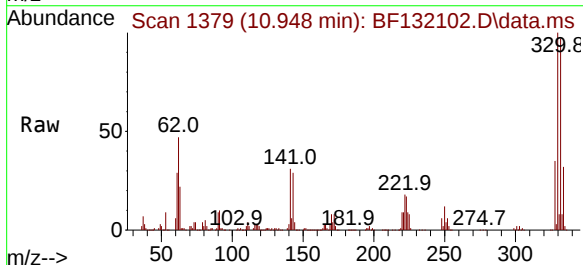
Instrument :
BNA_F
ClientSampleId :
PB150088BL

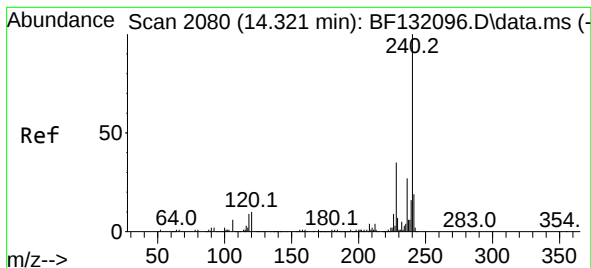
Tgt Ion:198 Resp: 1773
Ion Ratio Lower Upper
198 100
51 117.5 35.7 75.7#
105 144.4 28.0 68.0#



#67
4-Bromophenyl-phenylether
Concen: 3.291 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.244 min
Lab File: BF132102.D
Acq: 17 Jan 2023 19:37

Tgt Ion:248 Resp: 38542
Ion Ratio Lower Upper
248 100
250 197.9 77.8 116.8#
141 493.8 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.313 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BF132102.D

Acq: 17 Jan 2023 19:37

Instrument :

BNA_F

ClientSampleId :

PB150088BL

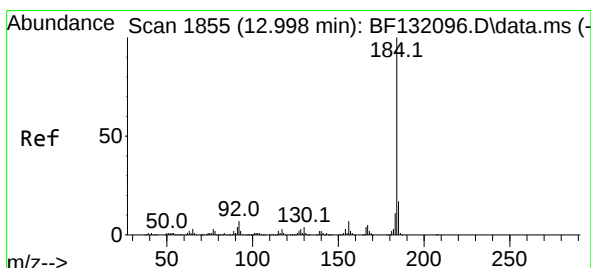
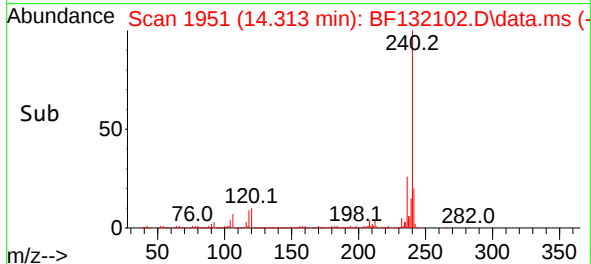
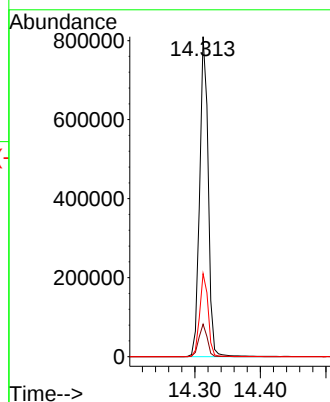
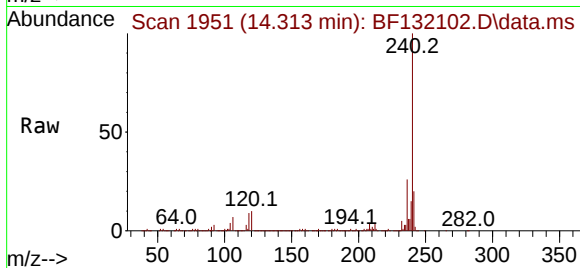
Tgt Ion:240 Resp: 736209

Ion Ratio Lower Upper

240 100

120 10.1 7.8 11.8

236 26.0 21.3 31.9



#77

Benzidine

Concen: 2.393 ng

RT: 13.254 min Scan# 1771

Delta R.T. 0.256 min

Lab File: BF132102.D

Acq: 17 Jan 2023 19:37

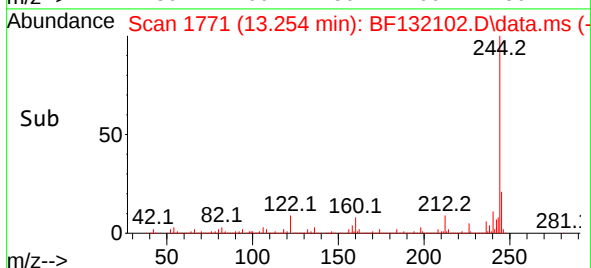
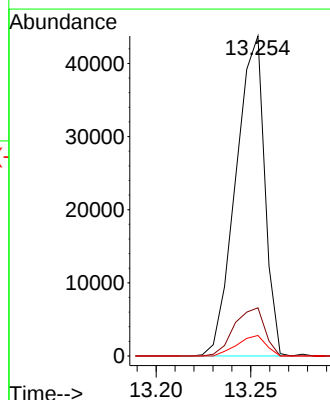
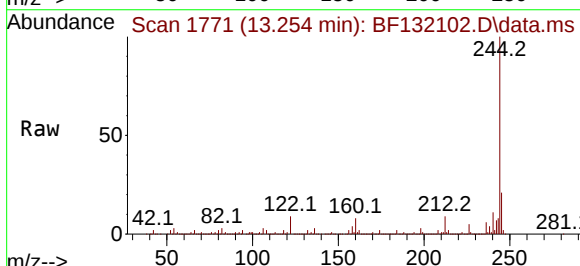
Tgt Ion:184 Resp: 46251

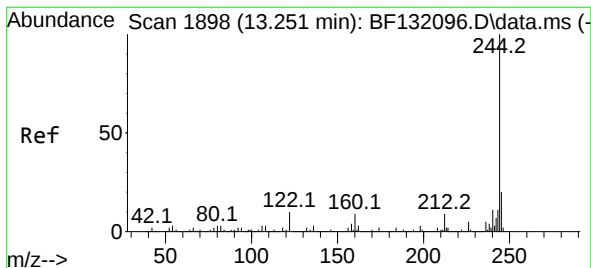
Ion Ratio Lower Upper

184 100

185 15.0 13.3 19.9

183 6.4 8.9 13.3#





#79

Terphenyl-d14

Concen: 61.390 ng

RT: 13.254 min Scan# 11

Delta R.T. 0.003 min

Lab File: BF132102.D

Acq: 17 Jan 2023 19:37

Instrument :

BNA_F

ClientSampleId :

PB150088BL

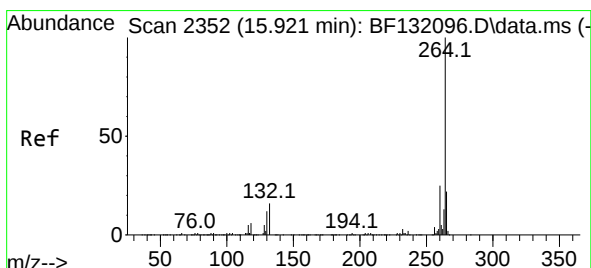
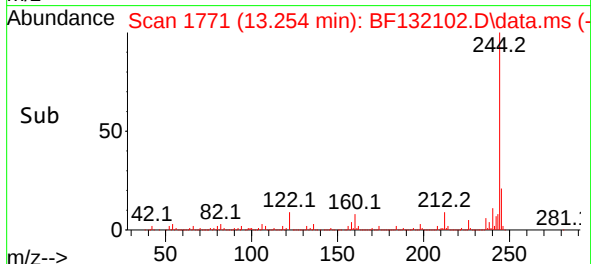
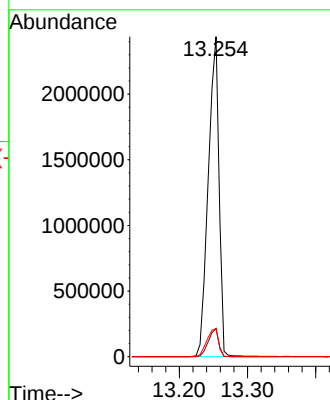
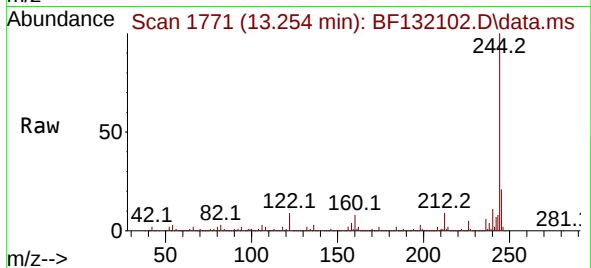
Tgt Ion:244 Resp: 2681120

Ion Ratio Lower Upper

244 100

212 8.8 7.1 10.7

122 8.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.918 min Scan# 2224

Delta R.T. -0.003 min

Lab File: BF132102.D

Acq: 17 Jan 2023 19:37

Tgt Ion:264 Resp: 528157

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 21.9 17.3 25.9

