

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132103.D
 Acq On : 17 Jan 2023 20:10
 Operator : CG\JU
 Sample : PB150083BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150083BL

Quant Time: Jan 18 05:48:32 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)

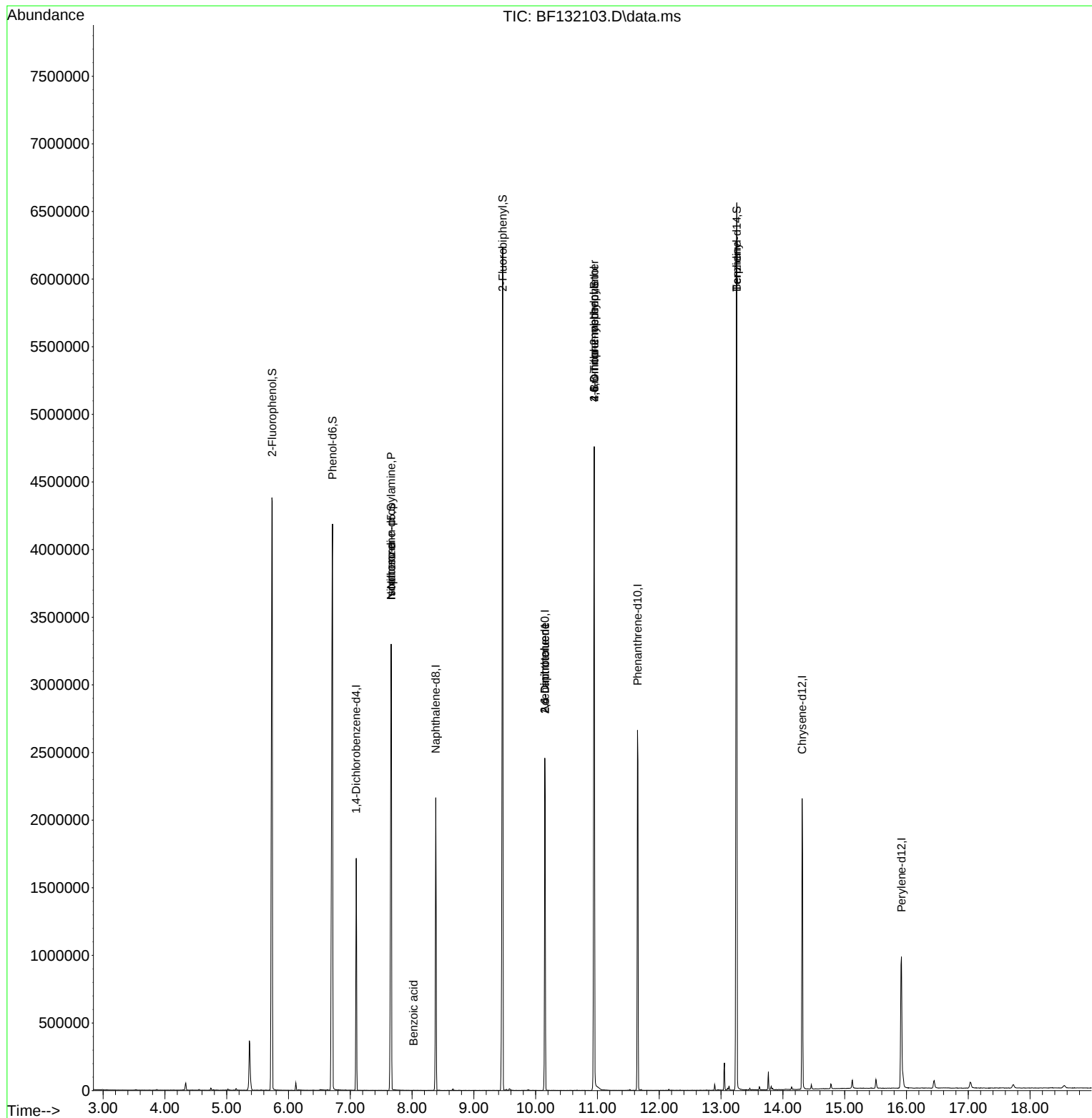
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.096	152	230178	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	881853	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	504916	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	1013359	20.000	ng	0.00
76) Chrysene-d12	14.313	240	762828	20.000	ng	0.00
86) Perylene-d12	15.918	264	503804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1393222	108.306	ng	0.01
7) Phenol-d6	6.713	99	1818795	109.613	ng	0.00
23) Nitrobenzene-d5	7.660	82	1244754	78.919	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	601300	117.650	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2054711	60.951	ng	0.00
79) Terphenyl-d14	13.254	244	2698212	59.625	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	171010	16.181	ng	# 80
25) Isophorone	7.660	82	1241992	36.970	ng	# 66
32) Benzoic acid	8.025	122	235	7.026	ng	91
51) 2,6-Dinitrotoluene	10.148	165	65706	9.444	ng	# 21
57) 2,4-Dinitrotoluene	10.148	165	65706	7.751	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.948	198	1782	5.037	ng	# 1
67) 4-Bromophenyl-phenylether	10.948	248	38388	3.385	ng	# 1
77) Benzidine	13.254	184	47225	2.358	ng	# 94

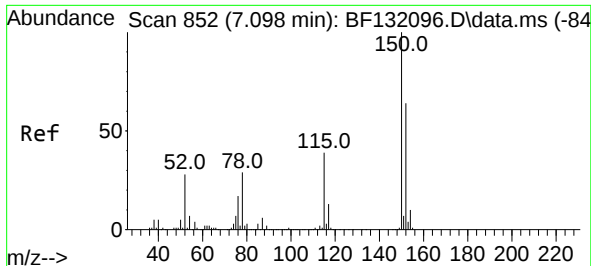
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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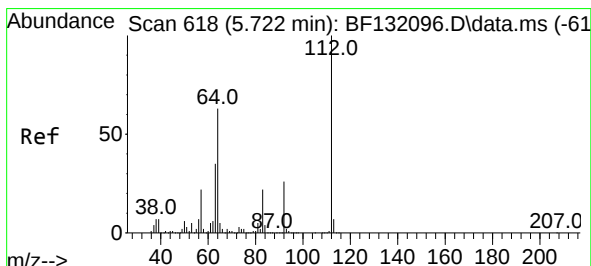
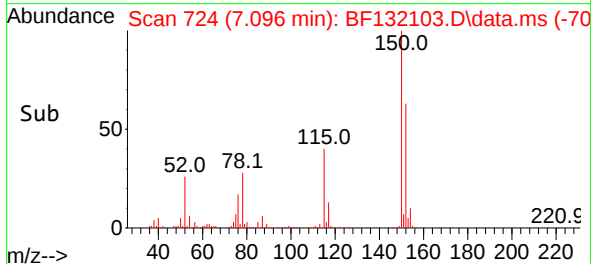
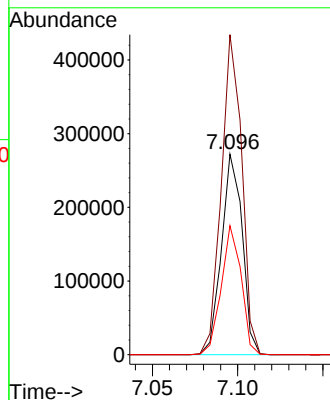
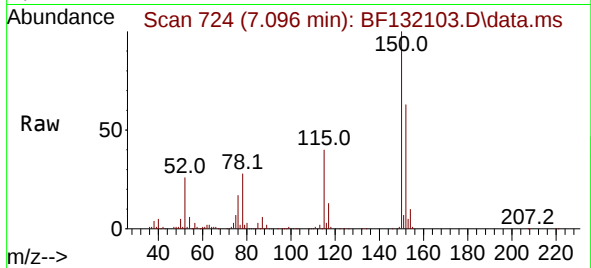




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.096 min Scan# 71
Delta R.T. -0.002 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

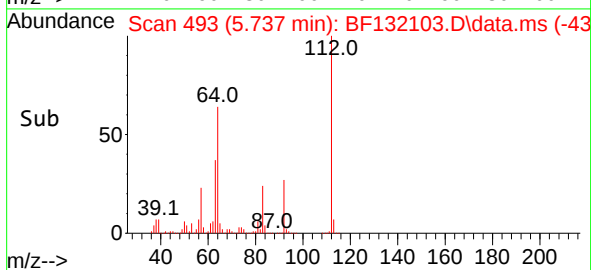
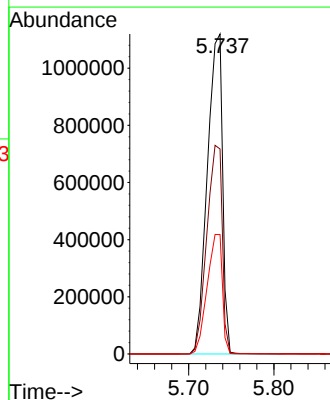
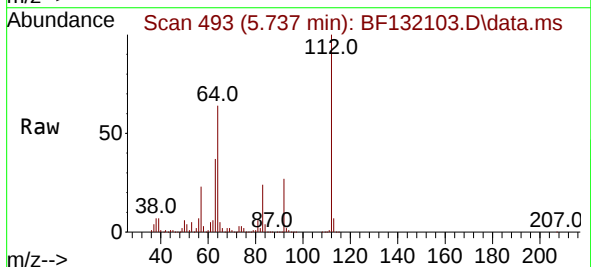
Instrument :
BNA_F
ClientSampleId :
PB150083BL

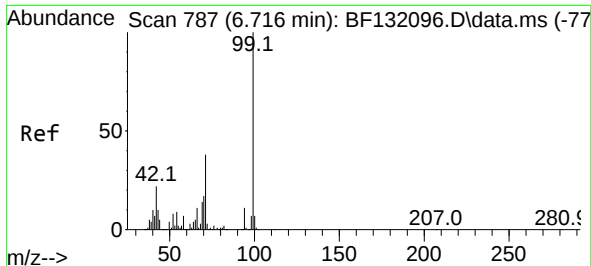
Tgt Ion:152 Resp: 230178
Ion Ratio Lower Upper
152 100
150 159.6 124.7 187.1
115 64.3 49.1 73.7



#5
2-Fluorophenol
Concen: 108.306 ng
RT: 5.737 min Scan# 493
Delta R.T. 0.015 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion:112 Resp: 1393222
Ion Ratio Lower Upper
112 100
64 64.0 50.5 75.7
63 37.3 28.0 42.0

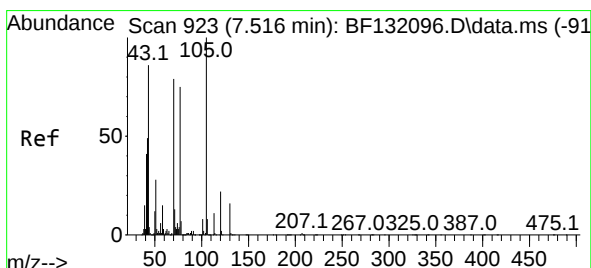
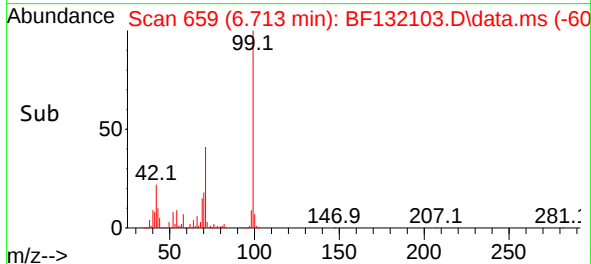
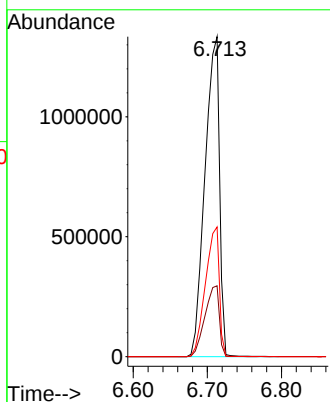
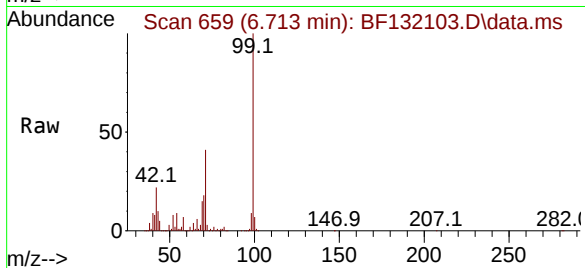




#7
Phenol-d6
Concen: 109.613 ng
RT: 6.713 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

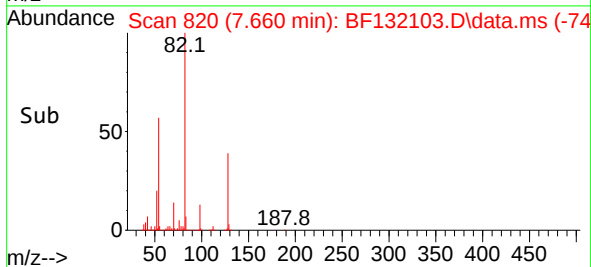
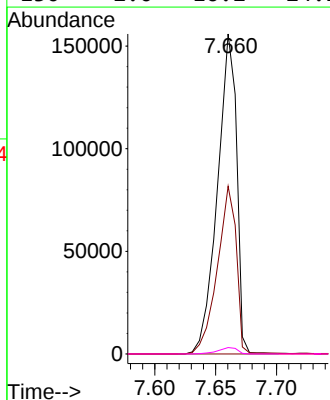
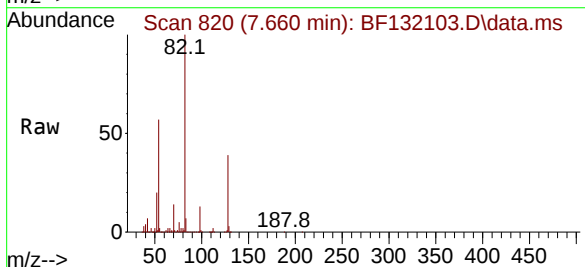
Instrument :
BNA_F
ClientSampleId :
PB150083BL

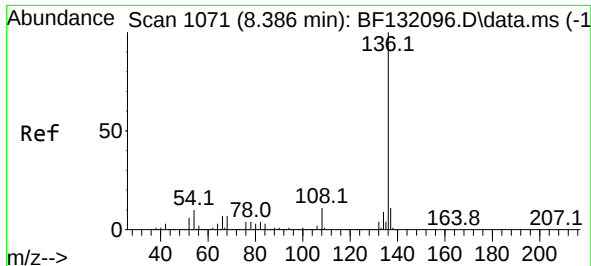
Tgt Ion: 99 Resp: 1818795
Ion Ratio Lower Upper
99 100
42 22.2 17.2 25.8
71 40.6 30.4 45.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.181 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.144 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion: 70 Resp: 171010
Ion Ratio Lower Upper
70 100
42 52.4 50.1 75.1
101 0.0 7.8 11.8#
130 2.0 16.2 24.2#

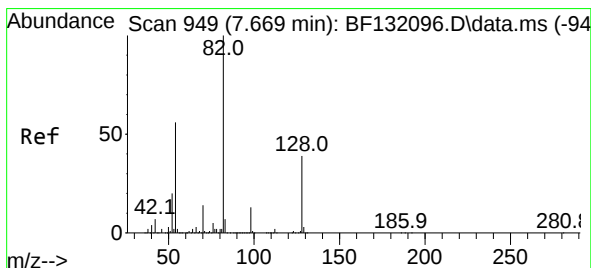
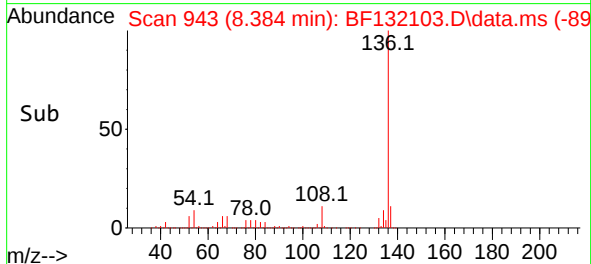
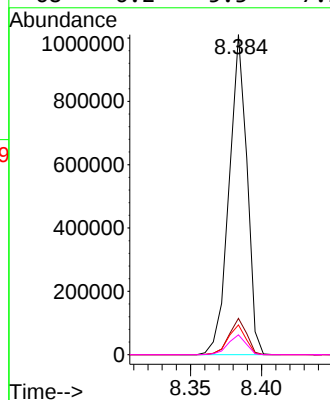
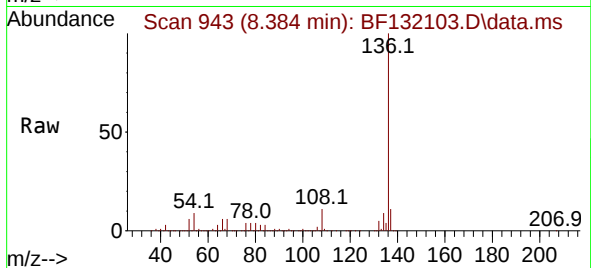




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 94
Delta R.T. -0.003 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

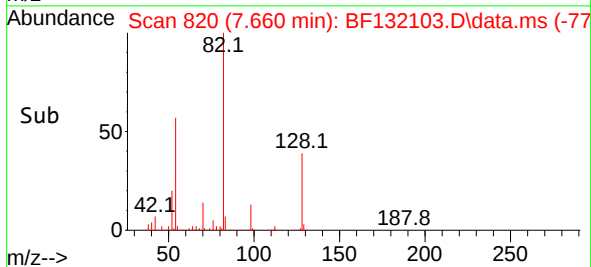
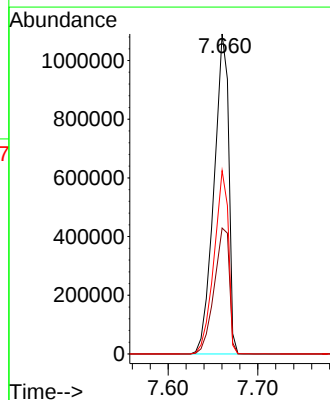
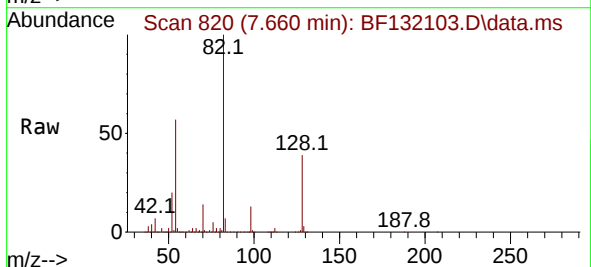
Instrument :
BNA_F
ClientSampleId :
PB150083BL

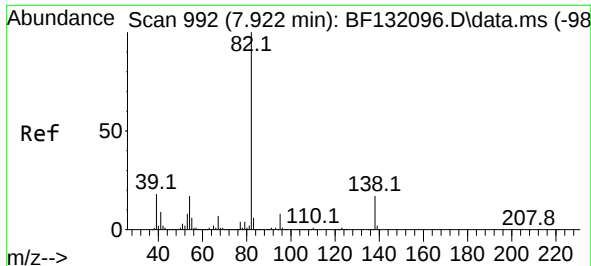
Tgt Ion:136 Resp: 881853
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.3 7.9 11.9
68 6.2 5.3 7.9



#23
Nitrobenzene-d5
Concen: 78.919 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion: 82 Resp: 1244754
Ion Ratio Lower Upper
82 100
128 39.3 31.2 46.8
54 57.3 45.1 67.7

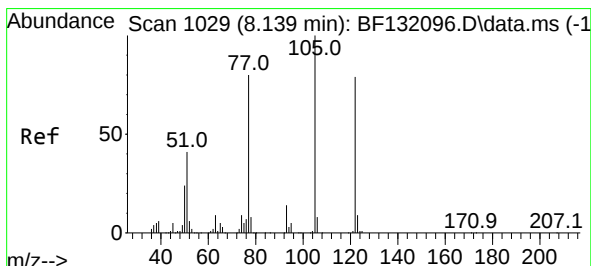
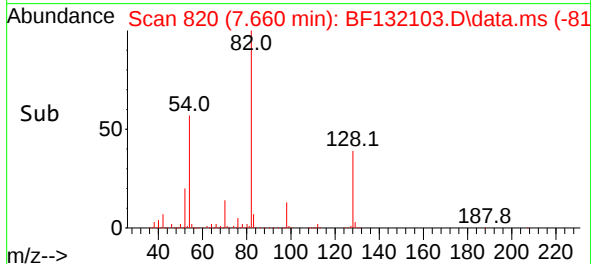
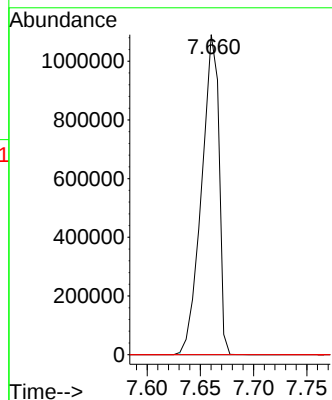
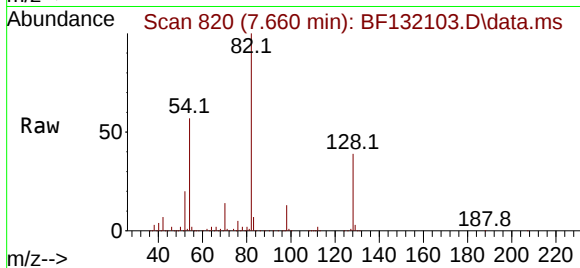




#25
Isophorone
Concen: 36.970 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.262 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

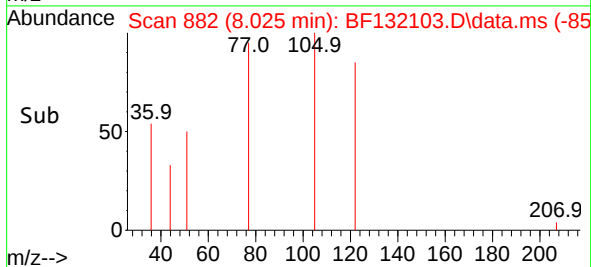
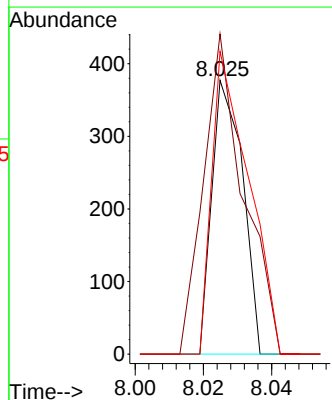
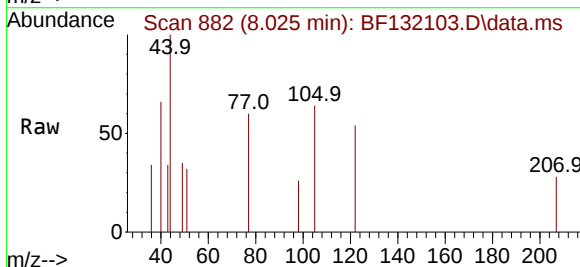
Instrument :
BNA_F
ClientSampleId :
PB150083BL

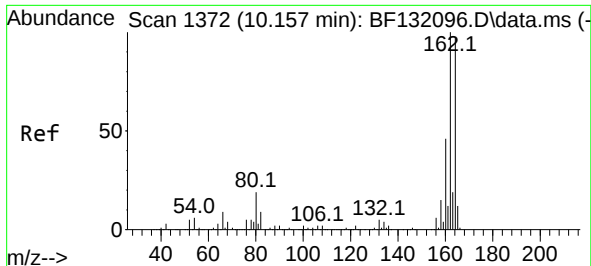
Tgt Ion: 82 Resp: 1241992
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.026 ng
RT: 8.025 min Scan# 882
Delta R.T. -0.114 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion:122 Resp: 235
Ion Ratio Lower Upper
122 100
105 117.0 105.0 145.0
77 110.6 80.1 120.1

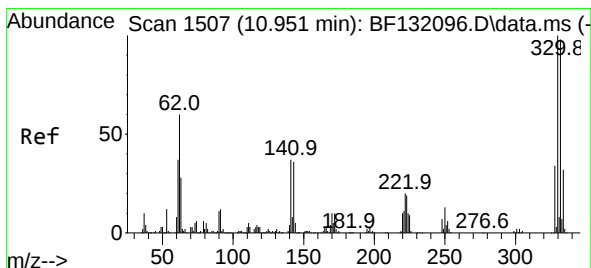
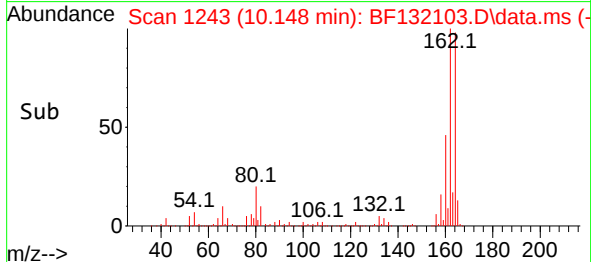
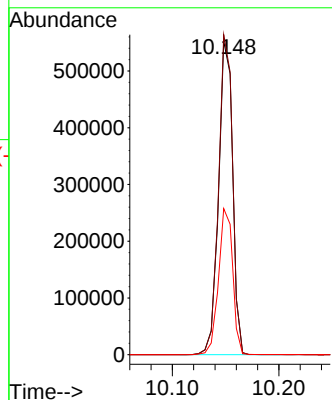
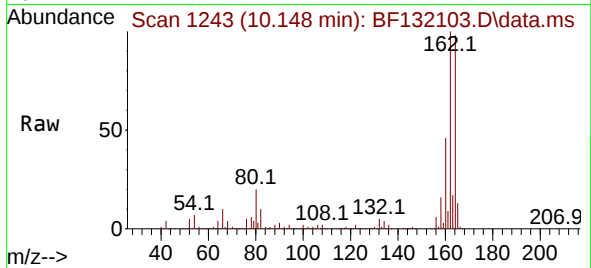




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1
Delta R.T. -0.009 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

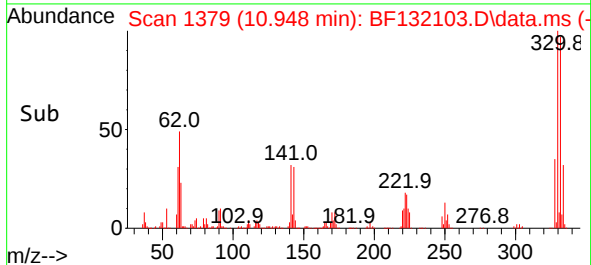
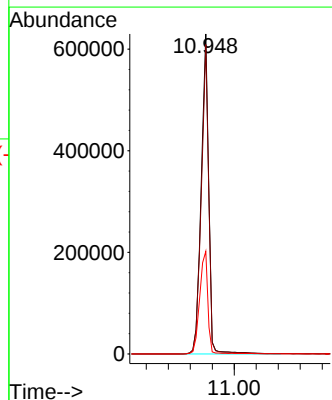
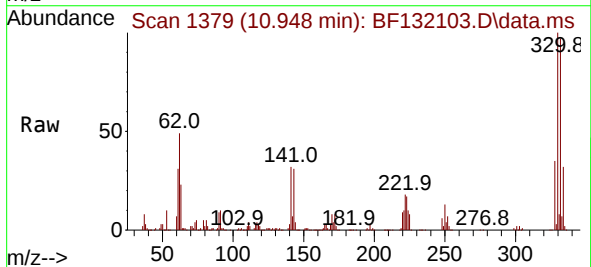
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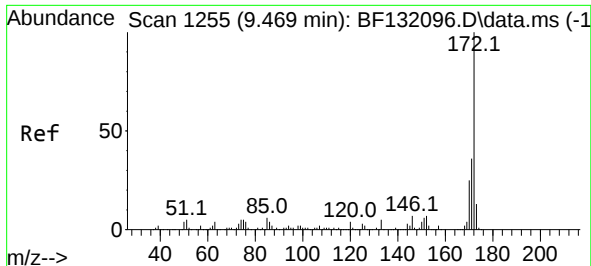
Tgt Ion:164 Resp: 504916
Ion Ratio Lower Upper
164 100
162 102.2 82.5 123.7
160 46.7 38.2 57.2



#42
2,4,6-Tribromophenol
Concen: 117.650 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.003 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion:330 Resp: 601300
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 34.5 29.4 44.0

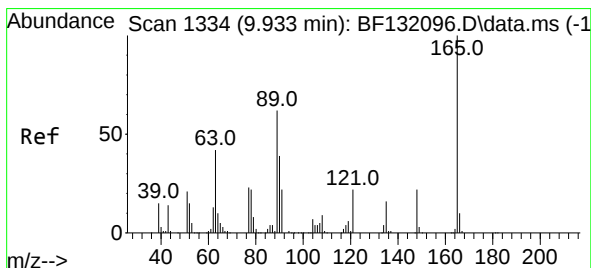
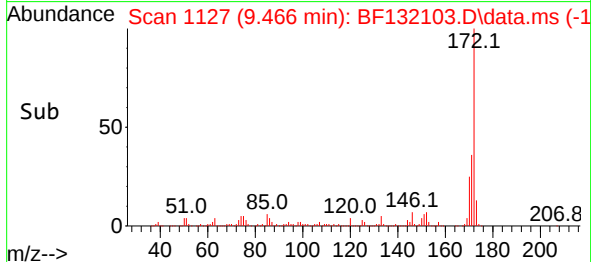
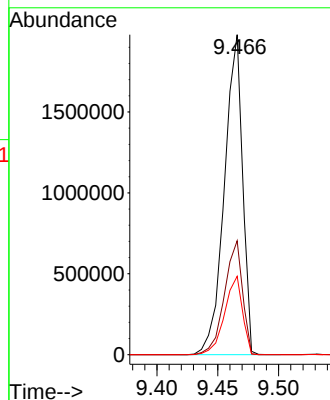
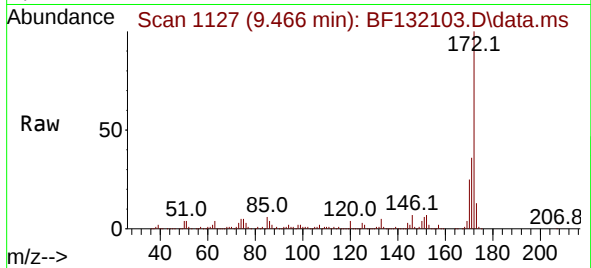




#45
2-Fluorobiphenyl
Concen: 60.951 ng
RT: 9.466 min Scan# 1127
Delta R.T. -0.003 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

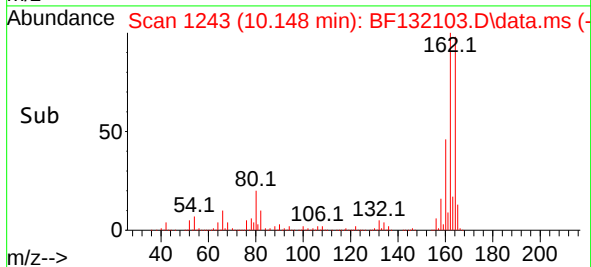
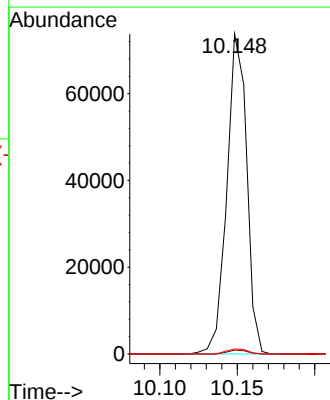
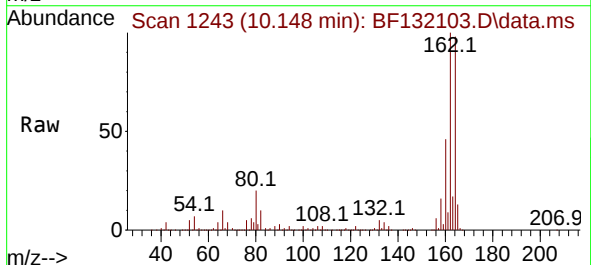
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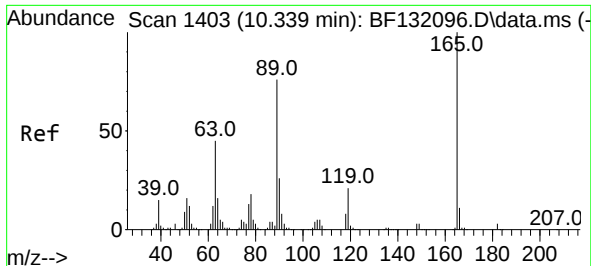
Tgt Ion:172 Resp: 2054711
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 24.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.444 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.215 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion:165 Resp: 65706
Ion Ratio Lower Upper
165 100
63 1.2 48.7 73.1#
89 1.6 50.0 75.0#

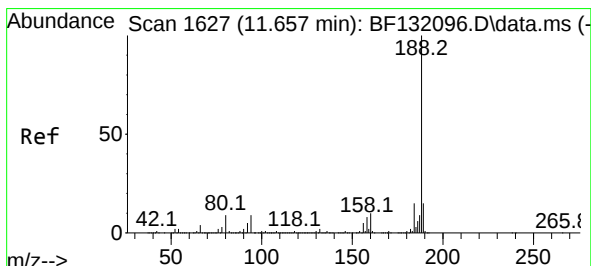
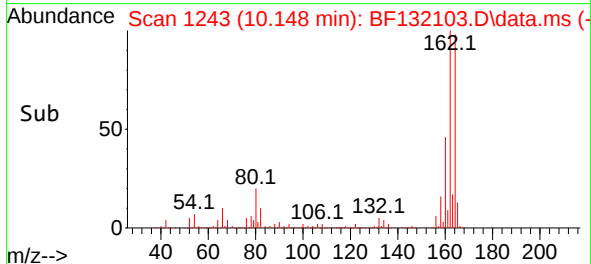
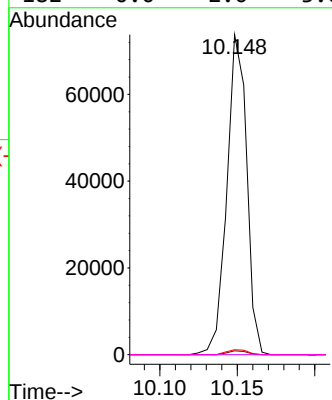
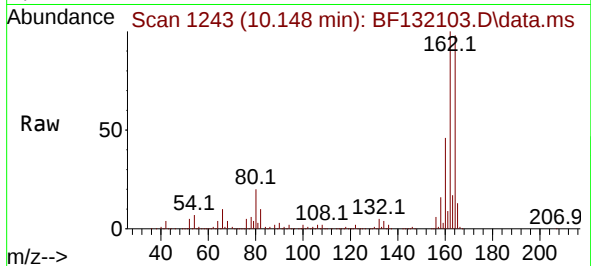




#57
2,4-Dinitrotoluene
Concen: 7.751 ng
RT: 10.148 min Scan# 1498
Delta R.T. -0.191 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

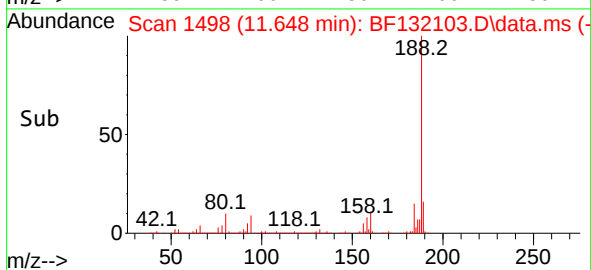
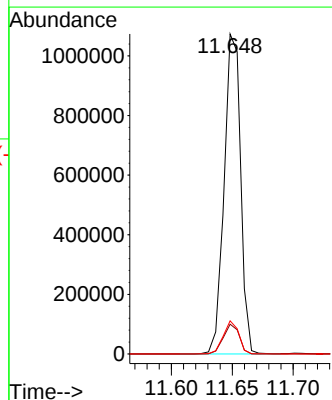
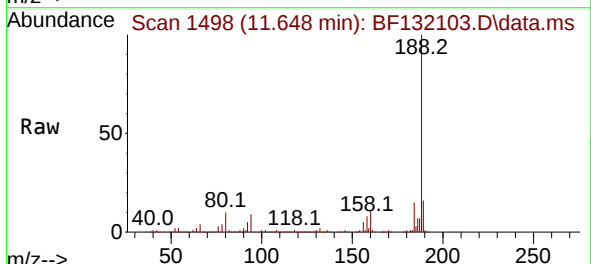
Instrument :
BNA_F
ClientSampleId :
PB150083BL

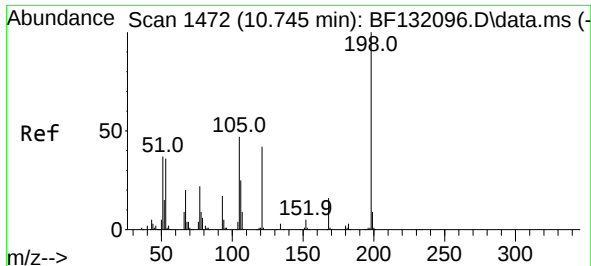
Tgt Ion:165 Resp: 65706
Ion Ratio Lower Upper
165 100
63 1.2 36.1 54.1#
89 1.6 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.009 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion:188 Resp: 1013359
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.3 7.2 10.8

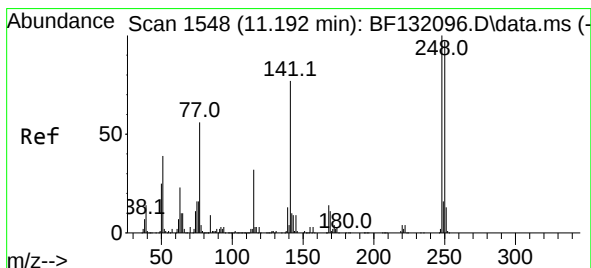
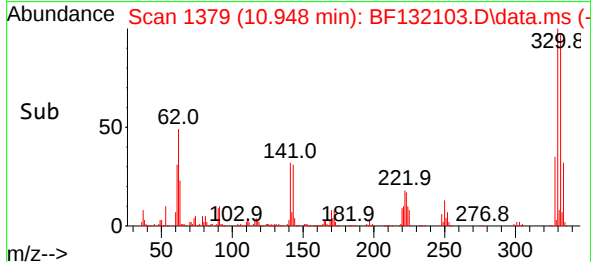
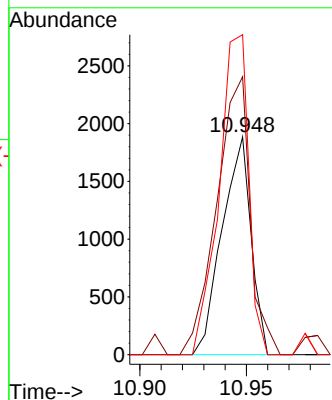
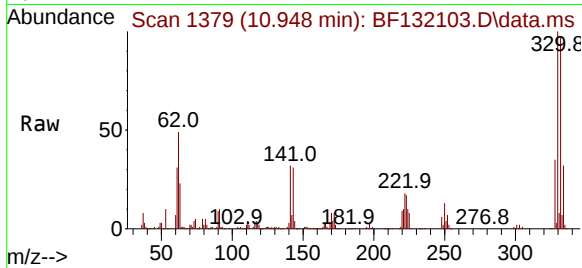




#65
4,6-Dinitro-2-methylphenol
Concen: 5.037 ng
RT: 10.948 min Scan# 1379
Delta R.T. 0.203 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

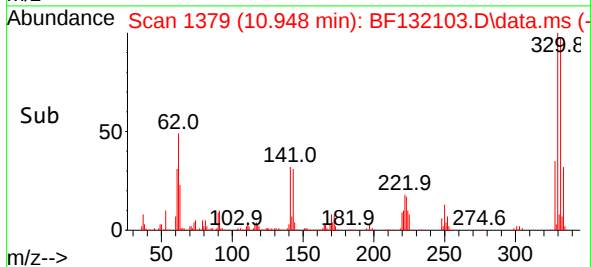
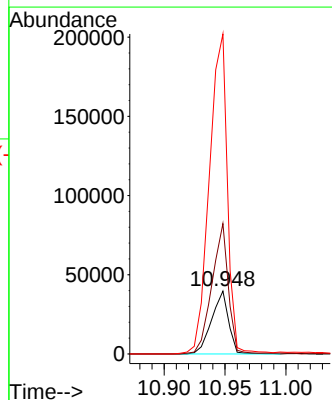
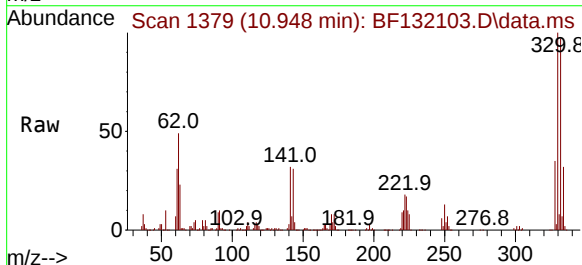
Instrument :
BNA_F
ClientSampleId :
PB150083BL

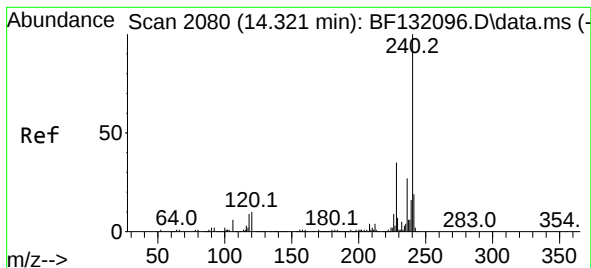
Tgt Ion:198 Resp: 1782
Ion Ratio Lower Upper
198 100
51 127.6 35.7 75.7#
105 146.9 28.0 68.0#



#67
4-Bromophenyl-phenylether
Concen: 3.385 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.244 min
Lab File: BF132103.D
Acq: 17 Jan 2023 20:10

Tgt Ion:248 Resp: 38388
Ion Ratio Lower Upper
248 100
250 207.5 77.8 116.8#
141 509.3 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: BF132103.D

Acq: 17 Jan 2023 20:10

Instrument :

BNA_F

ClientSampleId :

PB150083BL

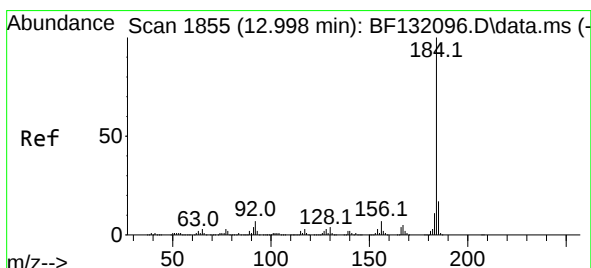
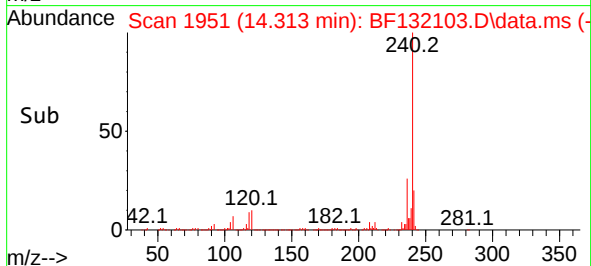
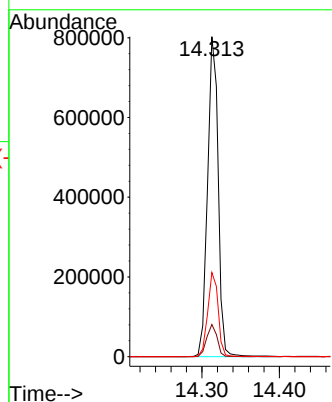
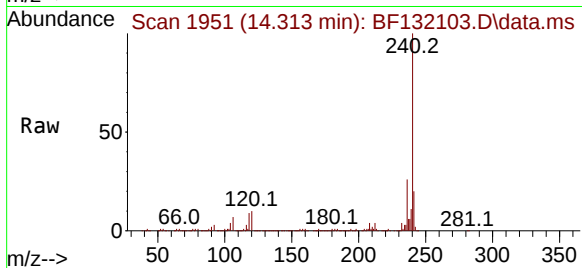
Tgt Ion:240 Resp: 762828

Ion Ratio Lower Upper

240 100

120 10.1 7.8 11.8

236 26.3 21.3 31.9



#77

Benzidine

Concen: 2.358 ng

RT: 13.254 min Scan# 1771

Delta R.T. 0.256 min

Lab File: BF132103.D

Acq: 17 Jan 2023 20:10

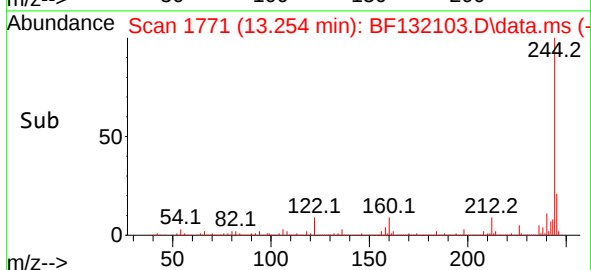
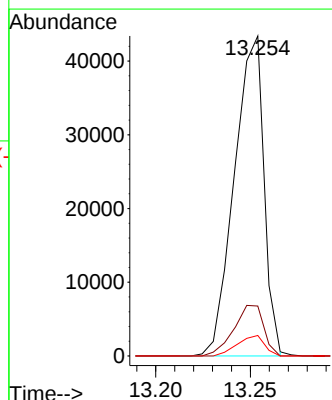
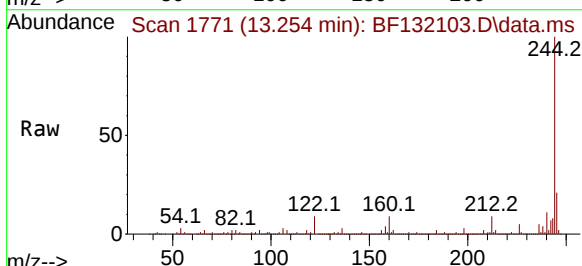
Tgt Ion:184 Resp: 47225

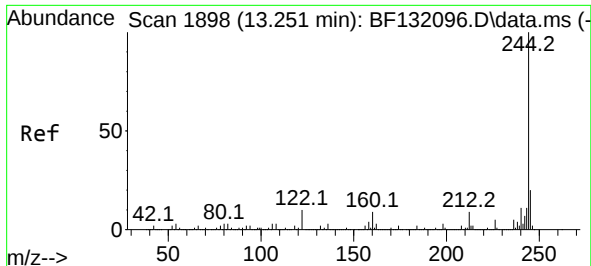
Ion Ratio Lower Upper

184 100

185 15.6 13.3 19.9

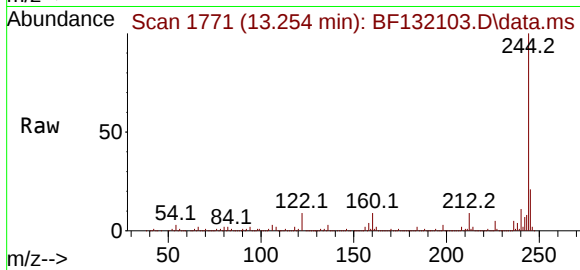
183 6.4 8.9 13.3#





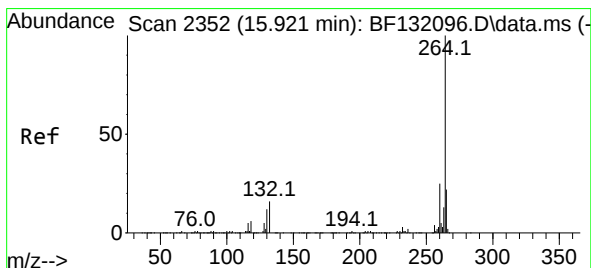
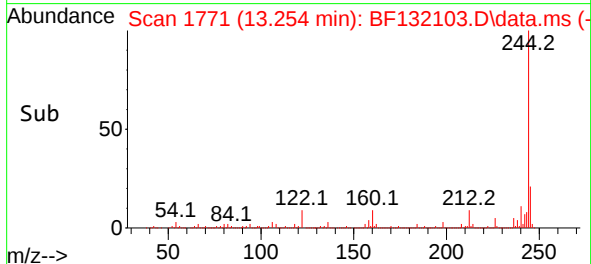
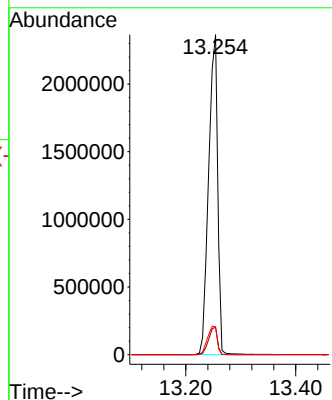
#79
 Terphenyl-d14
 Concen: 59.625 ng
 RT: 13.254 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BF132103.D
 Acq: 17 Jan 2023 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB150083BL



Tgt Ion:244 Resp: 2698212

Ion	Ratio	Lower	Upper
244	100		
212	8.6	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: BF132103.D
 Acq: 17 Jan 2023 20:10

Tgt Ion:264 Resp: 503804

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.7	17.3	25.9

