

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132107.D
 Acq On : 17 Jan 2023 22:22
 Operator : CG\JU
 Sample : PB150154TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150154TB

Quant Time: Jan 18 05:50:32 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)

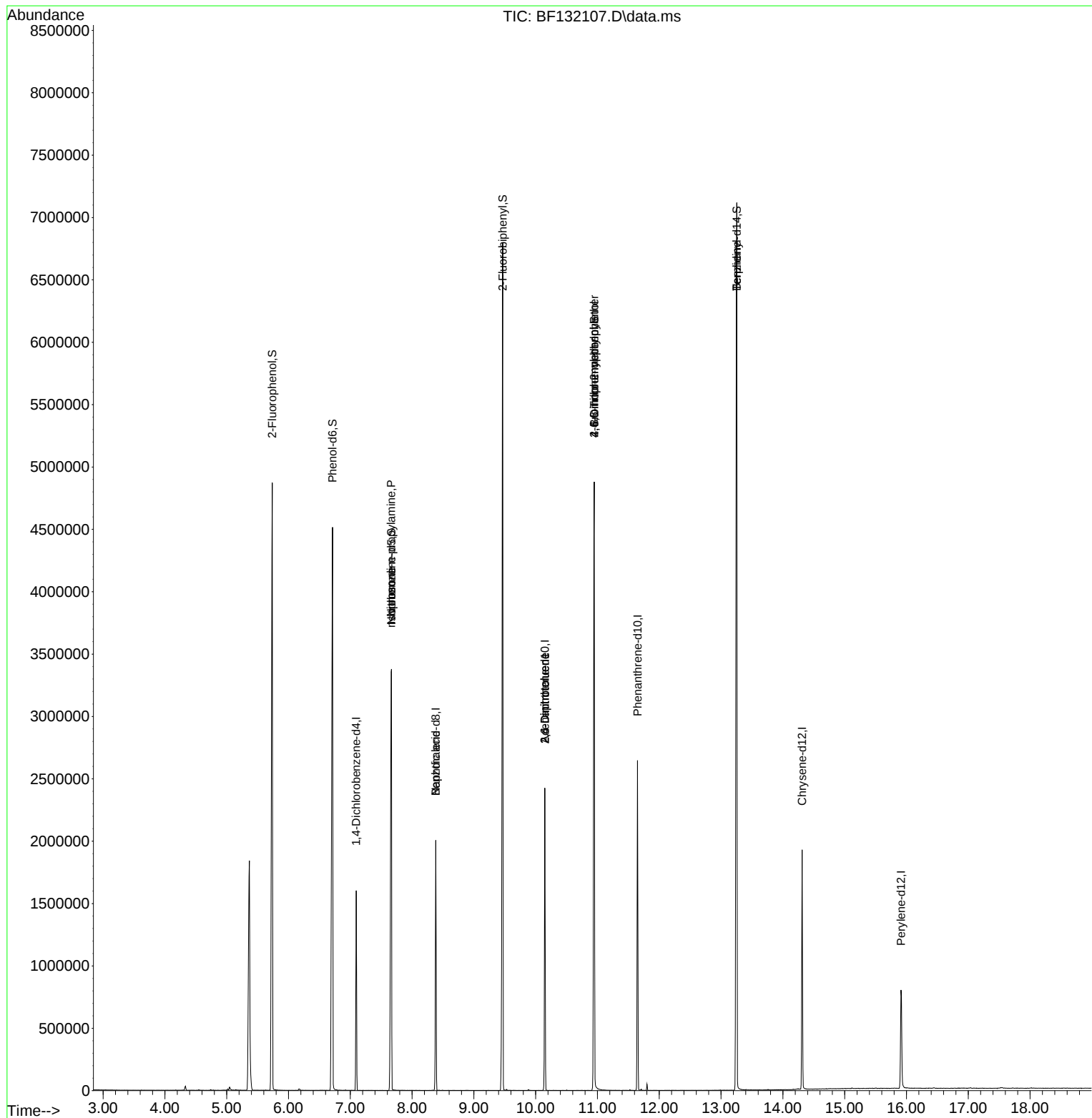
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	209474	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	778599	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	441299	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	910720	20.000	ng	0.00
76) Chrysene-d12	14.313	240	623518	20.000	ng	0.00
86) Perylene-d12	15.913	264	410253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1491807	127.432	ng	0.01
7) Phenol-d6	6.713	99	1978425	131.018	ng	0.00
23) Nitrobenzene-d5	7.666	82	1372686	98.572	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	643408	144.036	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2203314	74.781	ng	0.00
79) Terphenyl-d14	13.254	244	2945644	79.636	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	189379	19.690	ng	# 78
25) Isophorone	7.666	82	1369660	46.177	ng	# 66
32) Benzoic acid	8.384	122	133	7.019	ng	# 1
51) 2,6-Dinitrotoluene	10.148	165	58141	9.562	ng	# 21
57) 2,4-Dinitrotoluene	10.148	165	58141	7.847	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.948	198	2055	5.131	ng	# 9
67) 4-Bromophenyl-phenylether	10.948	248	42321	4.152	ng	# 1
77) Benzidine	13.254	184	51538	3.149	ng	# 92

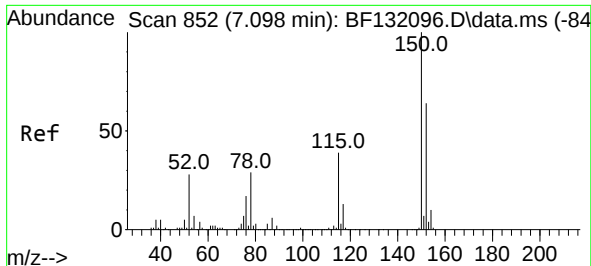
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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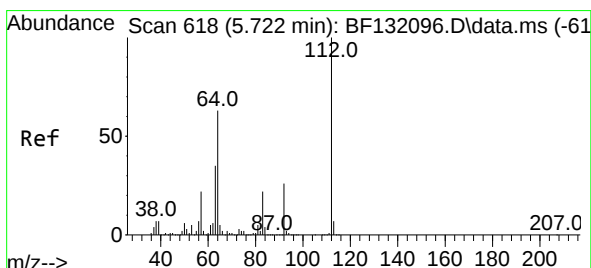
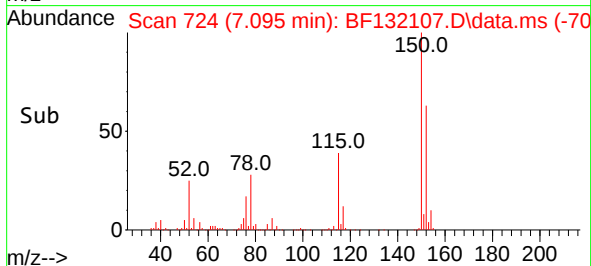
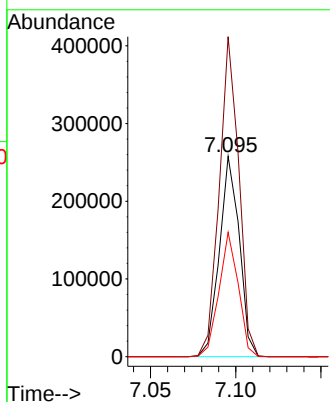
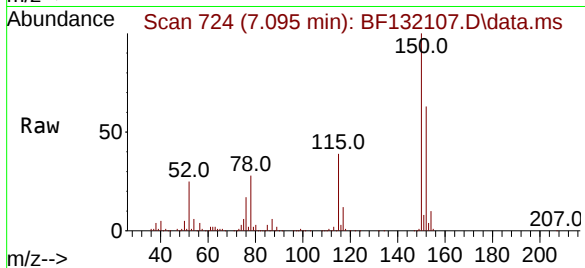




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 70
Delta R.T. -0.003 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

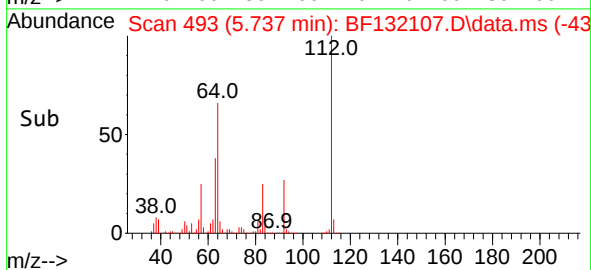
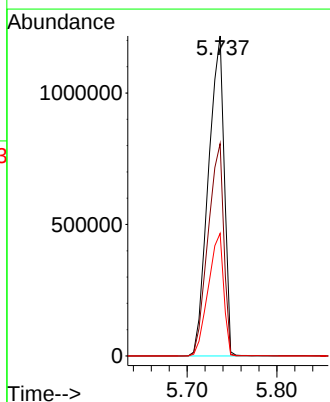
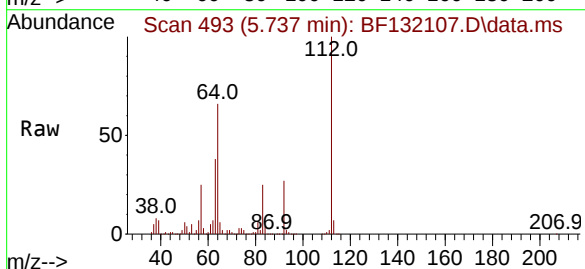
Instrument :
BNA_F
ClientSampleId :
PB150154TB

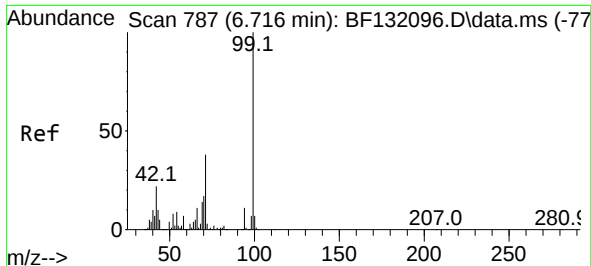
Tgt Ion:152 Resp: 209474
Ion Ratio Lower Upper
152 100
150 159.8 124.7 187.1
115 62.1 49.1 73.7



#5
2-Fluorophenol
Concen: 127.432 ng
RT: 5.737 min Scan# 493
Delta R.T. 0.015 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

Tgt Ion:112 Resp: 1491807
Ion Ratio Lower Upper
112 100
64 66.3 50.5 75.7
63 38.3 28.0 42.0

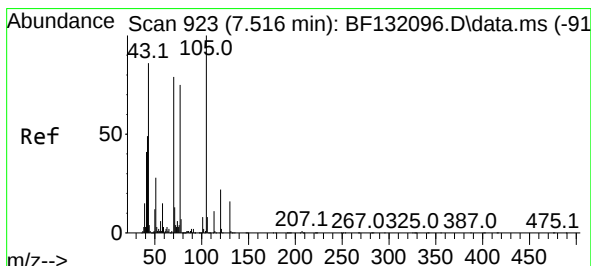
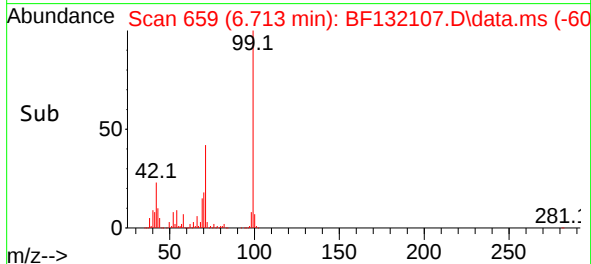
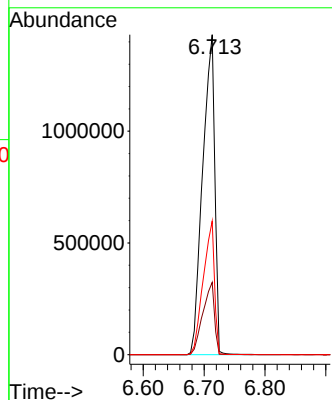
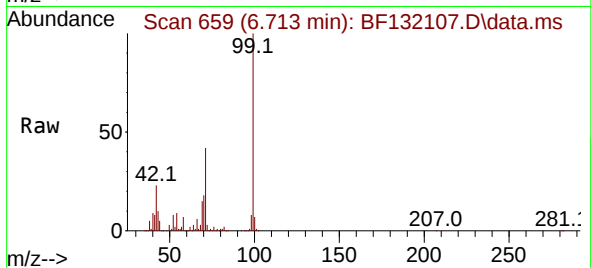




#7
Phenol-d6
Concen: 131.018 ng
RT: 6.713 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

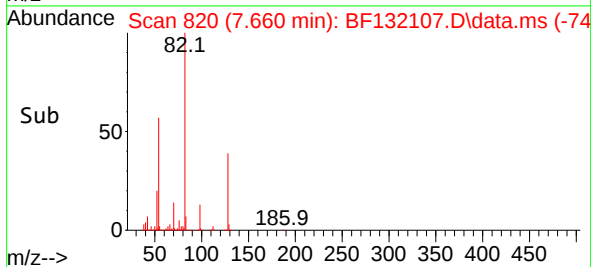
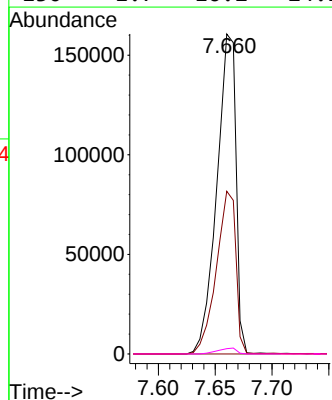
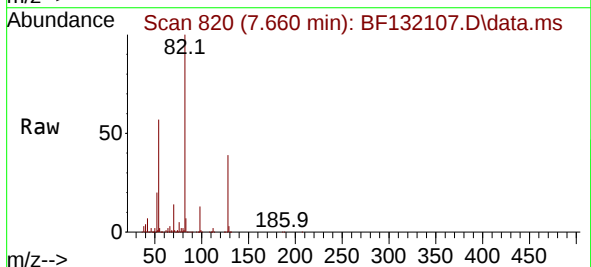
Instrument :
BNA_F
ClientSampleId :
PB150154TB

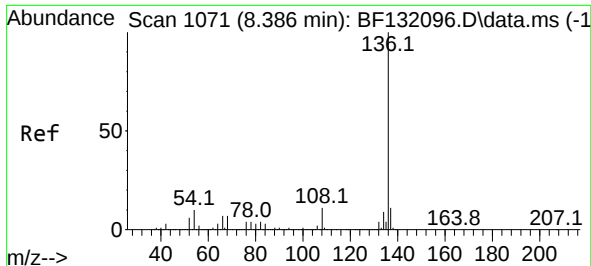
Tgt Ion: 99 Resp: 1978425
Ion Ratio Lower Upper
99 100
42 22.6 17.2 25.8
71 41.8 30.4 45.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.690 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.144 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

Tgt Ion: 70 Resp: 189379
Ion Ratio Lower Upper
70 100
42 50.9 50.1 75.1
101 0.0 7.8 11.8#
130 1.7 16.2 24.2#



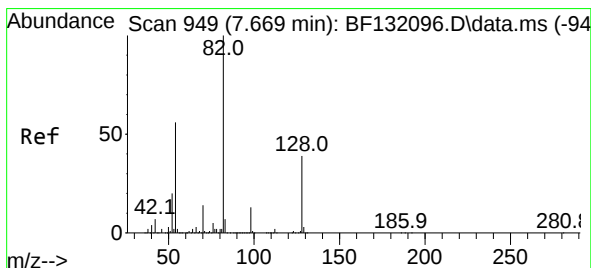
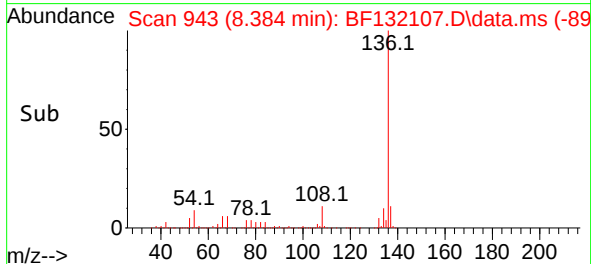
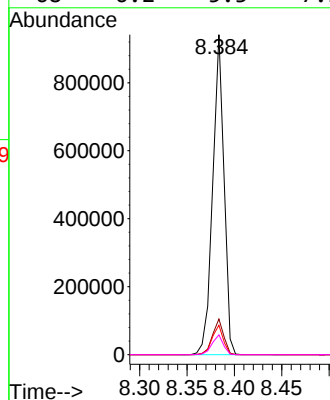
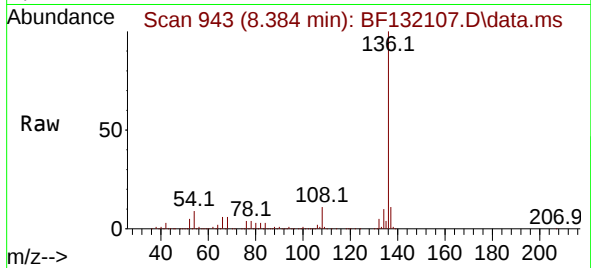


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 94
Delta R.T. -0.003 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

Instrument :
BNA_F
ClientSampleId :
PB150154TB

Tgt Ion:136 Resp: 778599

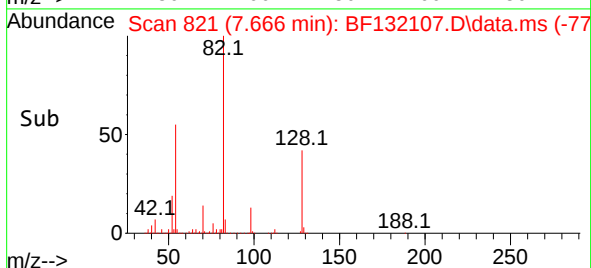
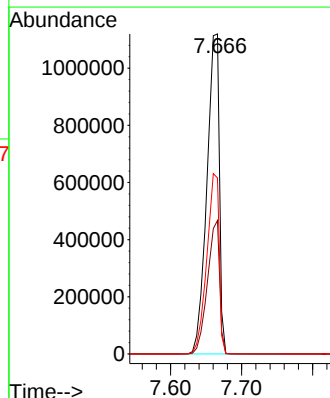
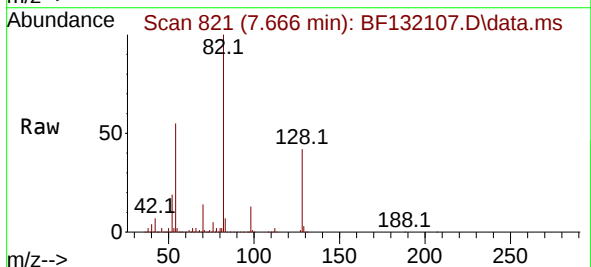
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.2	7.9	11.9
68	6.2	5.3	7.9

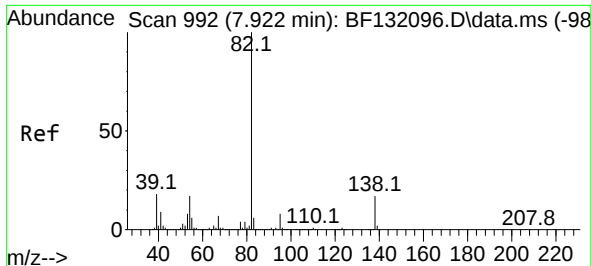


#23
Nitrobenzene-d5
Concen: 98.572 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.003 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

Tgt Ion: 82 Resp: 1372686

Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.2	46.8
54	55.0	45.1	67.7

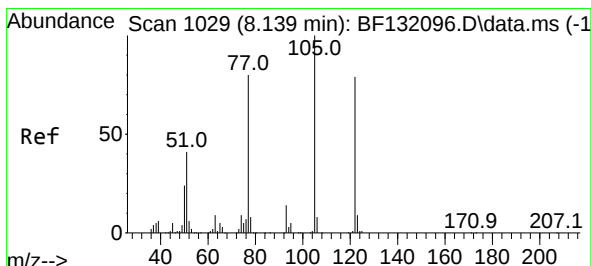
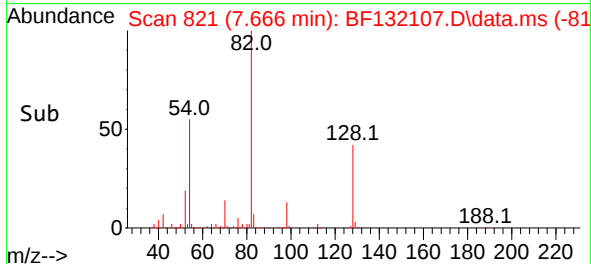
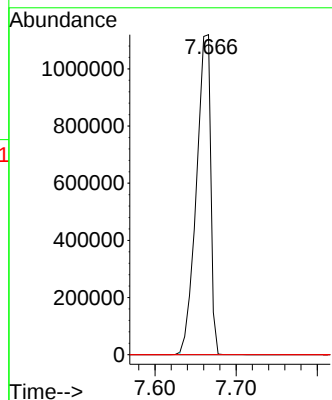
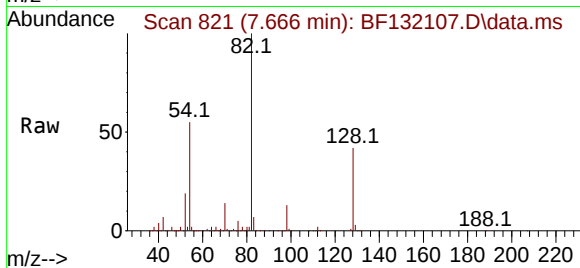




#25
Isophorone
Concen: 46.177 ng
RT: 7.666 min Scan# 81
Delta R.T. -0.256 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

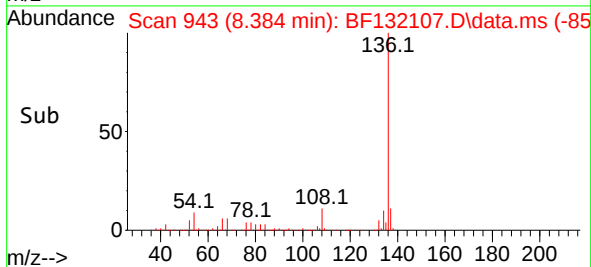
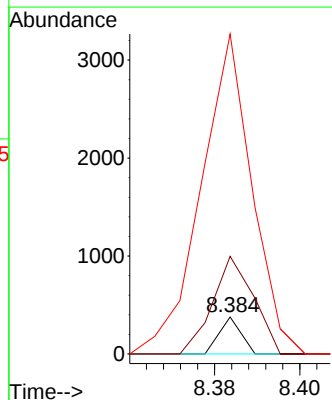
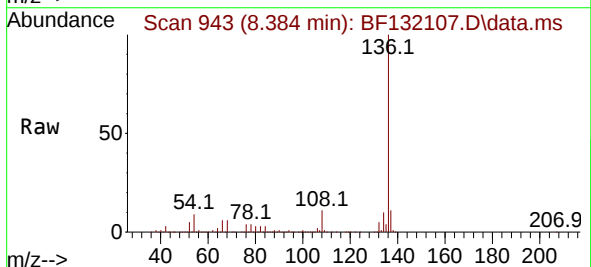
Instrument :
BNA_F
ClientSampleId :
PB150154TB

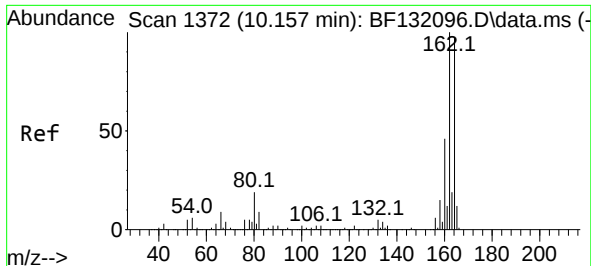
Tgt Ion: 82 Resp: 1369660
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.019 ng
RT: 8.384 min Scan# 943
Delta R.T. 0.245 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

Tgt Ion:122 Resp: 133
Ion Ratio Lower Upper
122 100
105 264.5 105.0 145.0#
77 866.6 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: BF132107.D

Acq: 17 Jan 2023 22:22

Instrument :

BNA_F

ClientSampleId :

PB150154TB

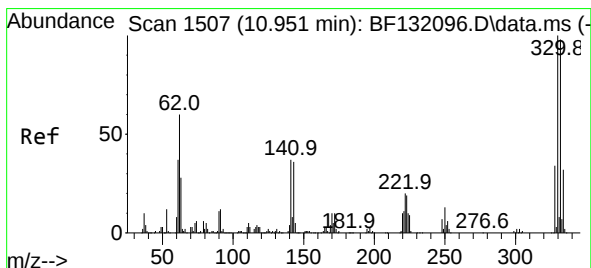
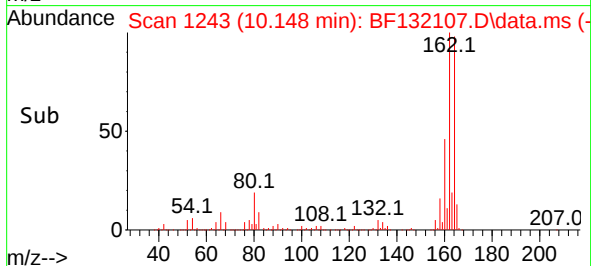
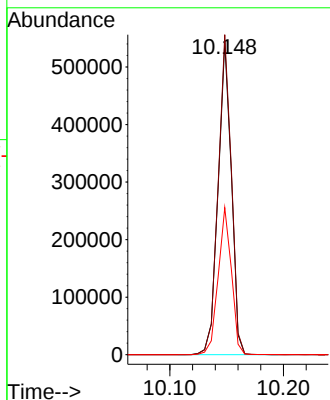
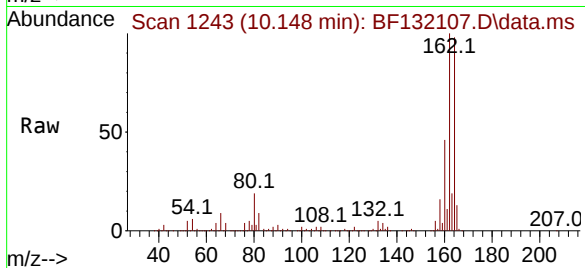
Tgt Ion:164 Resp: 441299

Ion Ratio Lower Upper

164 100

162 102.4 82.5 123.7

160 47.0 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 144.036 ng

RT: 10.948 min Scan# 1379

Delta R.T. -0.003 min

Lab File: BF132107.D

Acq: 17 Jan 2023 22:22

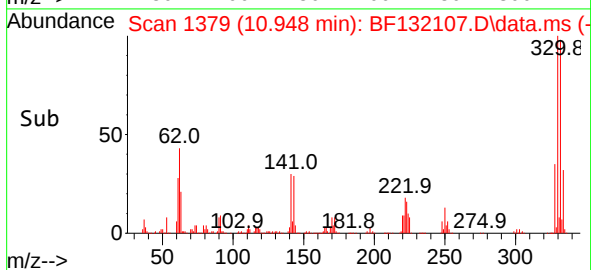
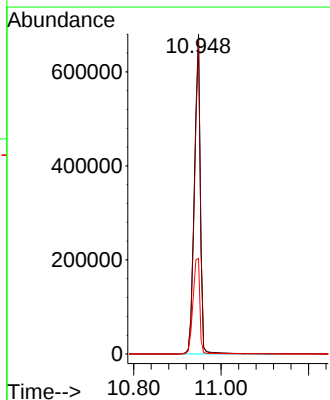
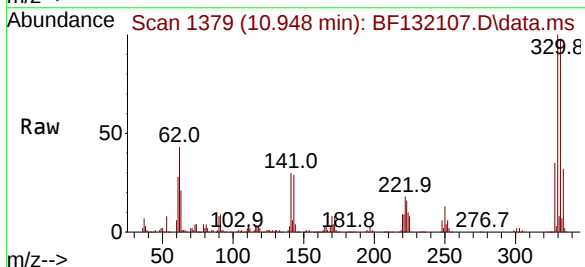
Tgt Ion:330 Resp: 643408

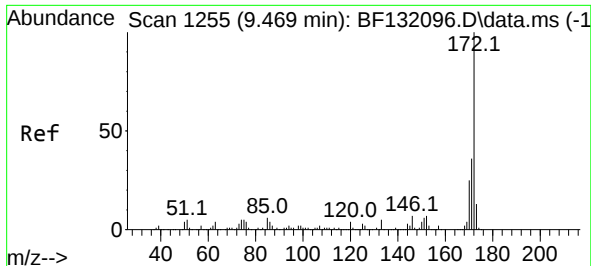
Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 34.3 29.4 44.0





#45

2-Fluorobiphenyl

Concen: 74.781 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.003 min

Lab File: BF132107.D

Acq: 17 Jan 2023 22:22

Instrument :

BNA_F

ClientSampleId :

PB150154TB

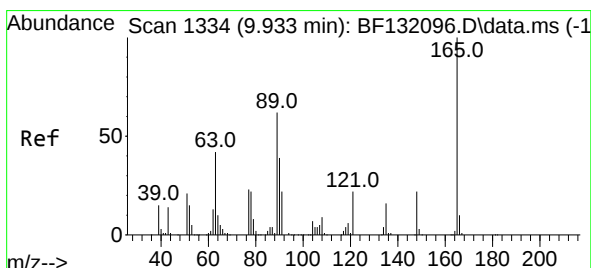
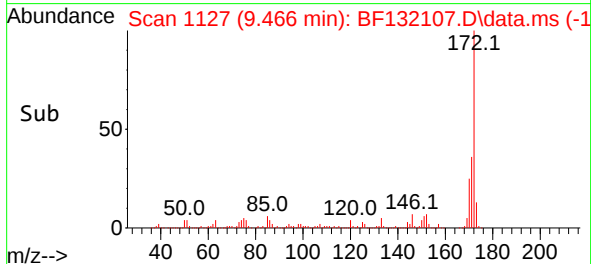
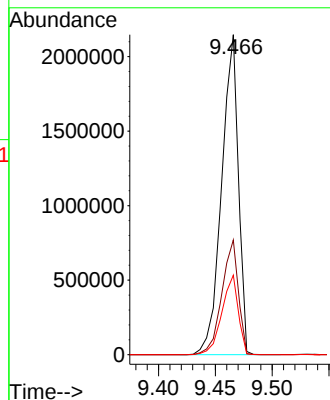
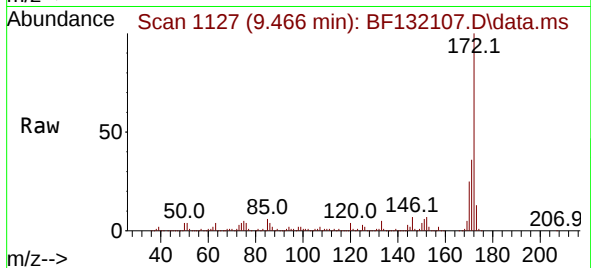
Tgt Ion:172 Resp: 2203314

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 24.9 19.8 29.6



#51

2,6-Dinitrotoluene

Concen: 9.562 ng

RT: 10.148 min Scan# 1243

Delta R.T. 0.215 min

Lab File: BF132107.D

Acq: 17 Jan 2023 22:22

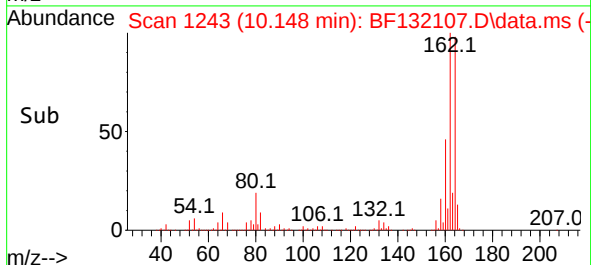
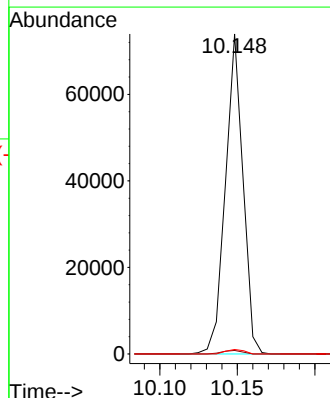
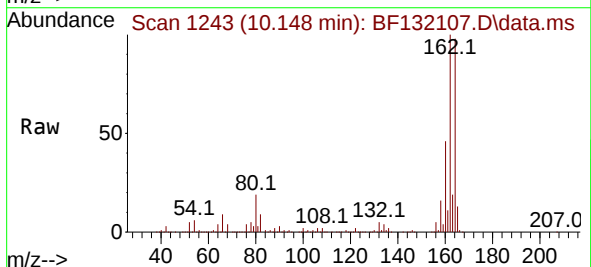
Tgt Ion:165 Resp: 58141

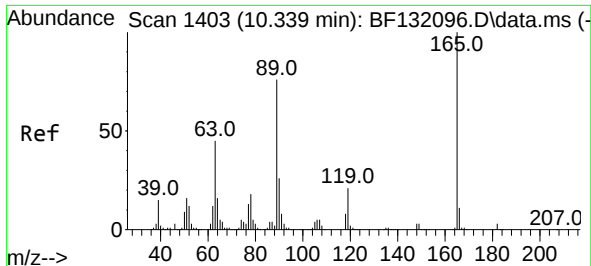
Ion Ratio Lower Upper

165 100

63 1.1 48.7 73.1#

89 1.4 50.0 75.0#

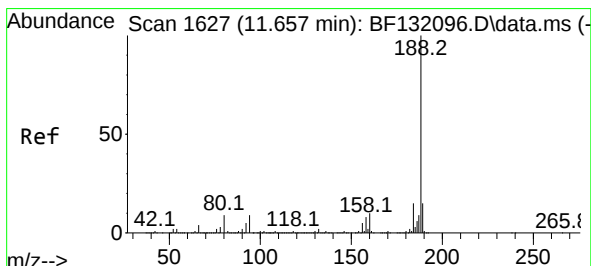
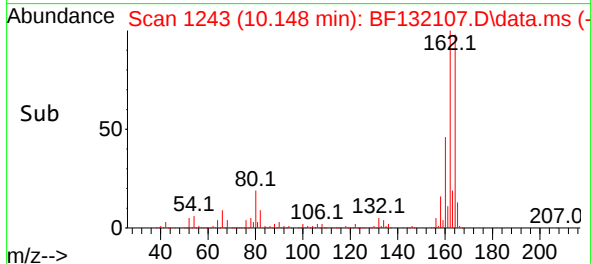
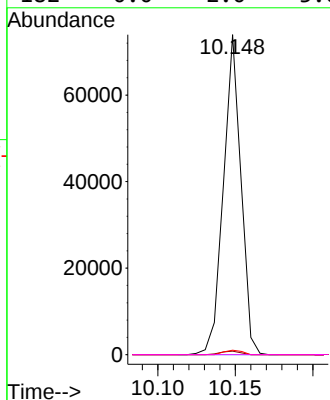
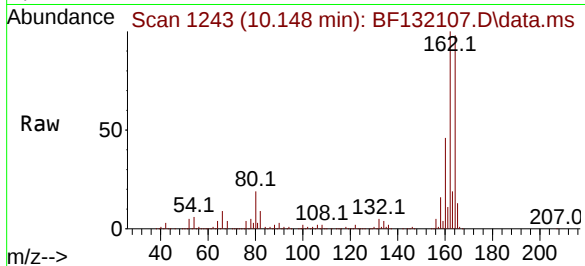




#57
2,4-Dinitrotoluene
Concen: 7.847 ng
RT: 10.148 min Scan# 1498
Delta R.T. -0.191 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

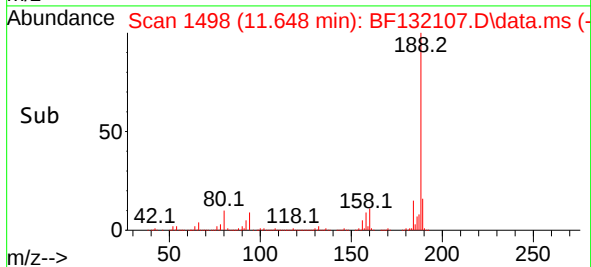
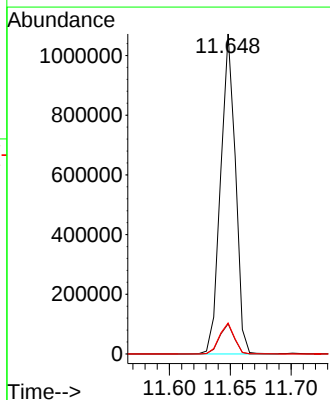
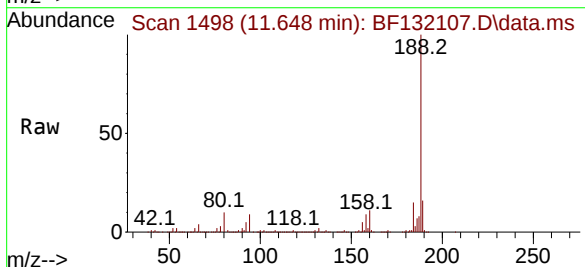
Instrument :
BNA_F
ClientSampleId :
PB150154TB

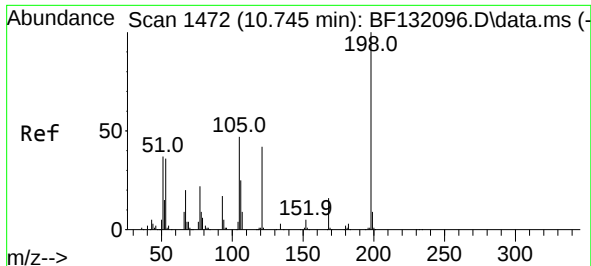
Tgt Ion:165 Resp: 58141
Ion Ratio Lower Upper
165 100
63 1.1 36.1 54.1#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.009 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

Tgt Ion:188 Resp: 910720
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 9.7 7.2 10.8

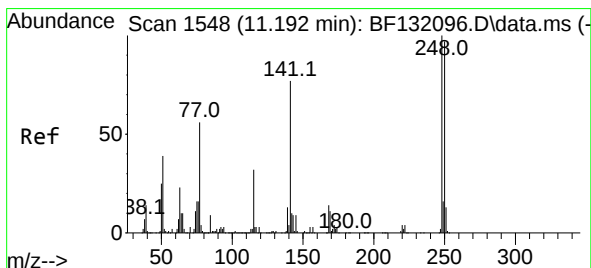
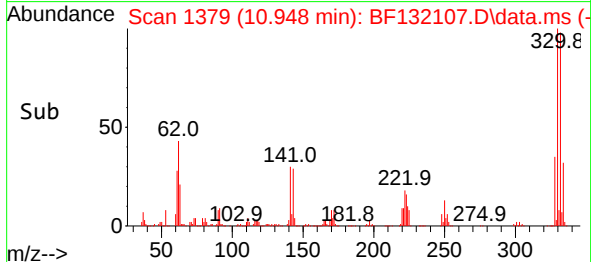
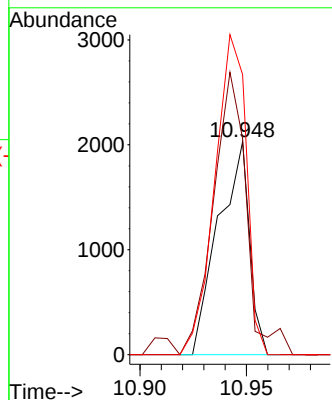
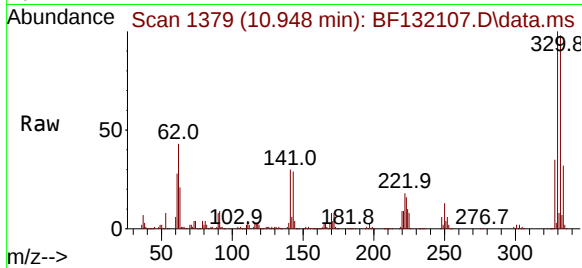




#65
4,6-Dinitro-2-methylphenol
Concen: 5.131 ng
RT: 10.948 min Scan# 1379
Delta R.T. 0.203 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

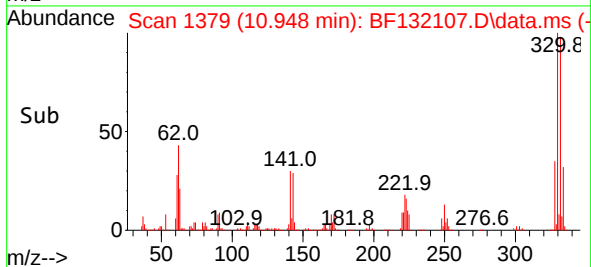
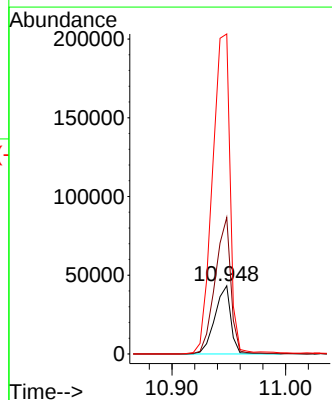
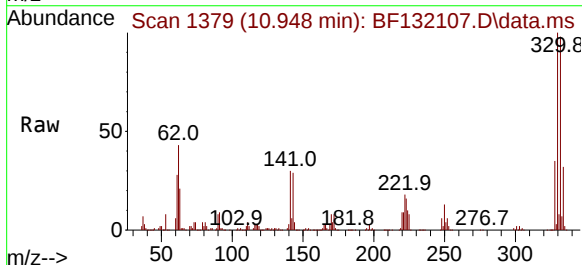
Instrument :
BNA_F
ClientSampleId :
PB150154TB

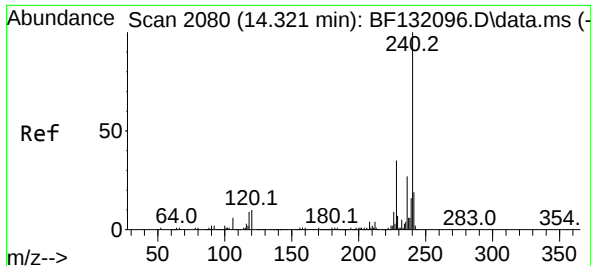
Tgt Ion:198 Resp: 2055
Ion Ratio Lower Upper
198 100
51 101.5 35.7 75.7#
105 131.6 28.0 68.0#



#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.244 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

Tgt Ion:248 Resp: 42321
Ion Ratio Lower Upper
248 100
250 200.1 77.8 116.8#
141 469.1 61.8 92.6#

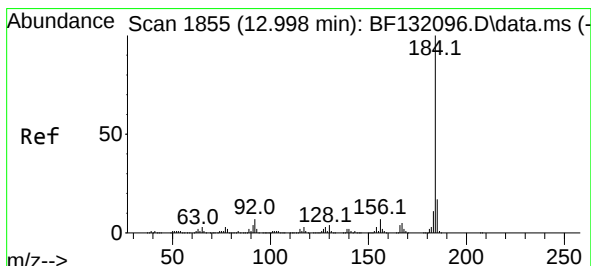
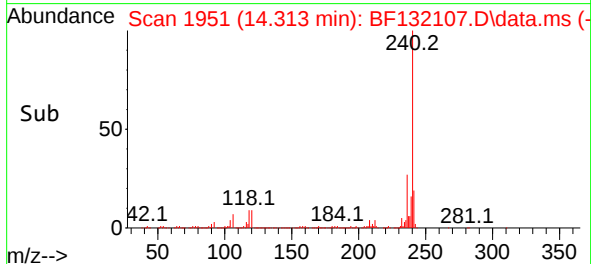
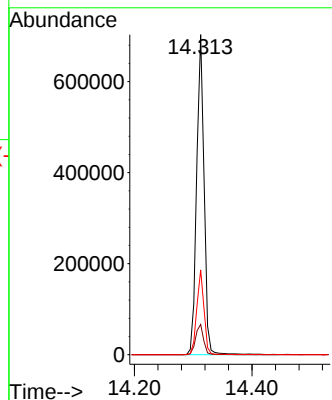
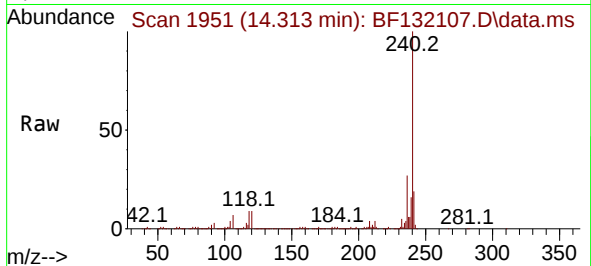




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.313 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

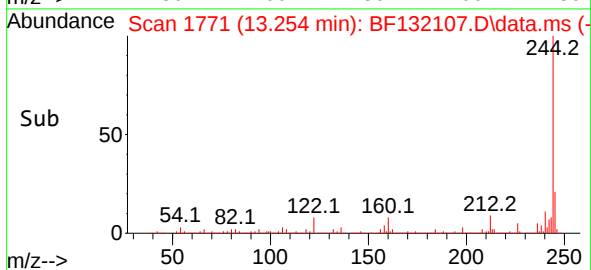
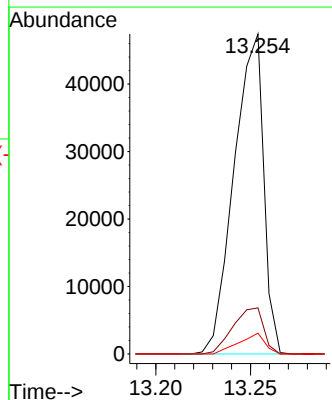
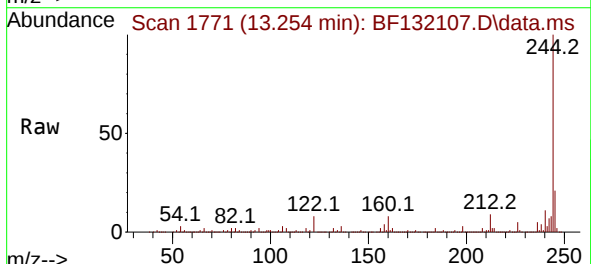
Instrument :
BNA_F
ClientSampleId :
PB150154TB

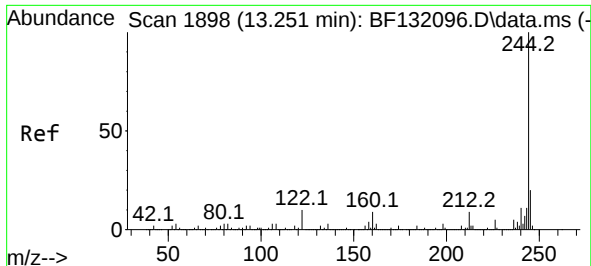
Tgt Ion:240 Resp: 623518
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.8
236 26.5 21.3 31.9



#77
Benzidine
Concen: 3.149 ng
RT: 13.254 min Scan# 1771
Delta R.T. 0.256 min
Lab File: BF132107.D
Acq: 17 Jan 2023 22:22

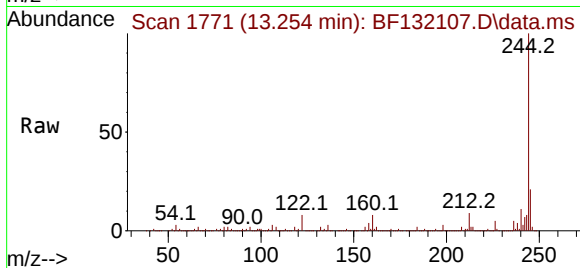
Tgt Ion:184 Resp: 51538
Ion Ratio Lower Upper
184 100
185 14.4 13.3 19.9
183 6.5 8.9 13.3#





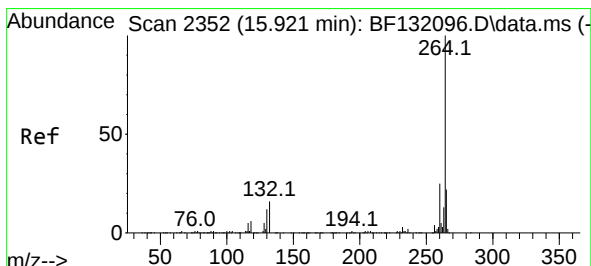
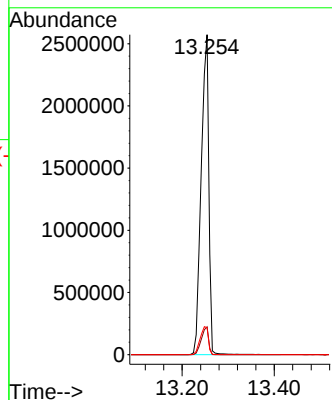
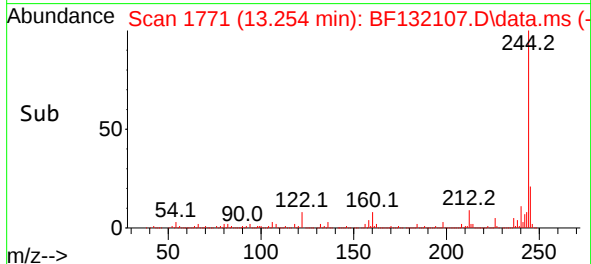
#79
 Terphenyl-d14
 Concen: 79.636 ng
 RT: 13.254 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BF132107.D
 Acq: 17 Jan 2023 22:22

Instrument :
 BNA_F
 ClientSampleId :
 PB150154TB



Tgt Ion:244 Resp: 2945644

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.1	10.7
122	8.5	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.913 min Scan# 2223
 Delta R.T. -0.009 min
 Lab File: BF132107.D
 Acq: 17 Jan 2023 22:22

Tgt Ion:264 Resp: 410253

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	21.5	17.3	25.9

