

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132105.D
 Acq On : 17 Jan 2023 21:16
 Operator : CG\JU
 Sample : PB150209BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BL

Quant Time: Jan 18 05:49:32 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)

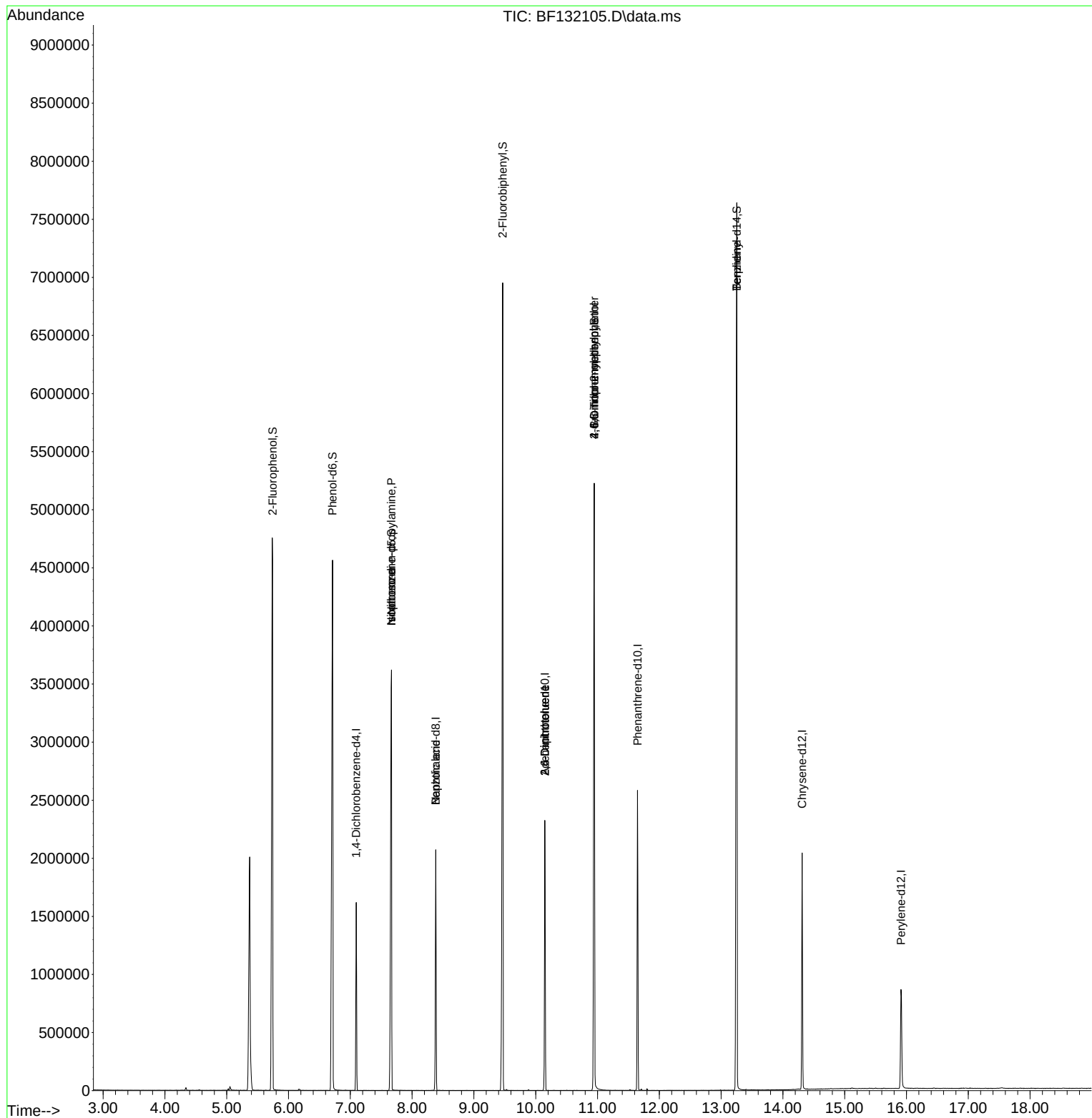
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	215492	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	796180	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	447882	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	921185	20.000	ng	0.00
76) Chrysene-d12	14.312	240	652397	20.000	ng	0.00
86) Perylene-d12	15.912	264	443256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.742	112	1559291	129.476	ng	0.02
7) Phenol-d6	6.713	99	2084271	134.172	ng	0.00
23) Nitrobenzene-d5	7.666	82	1425912	100.133	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	676603	149.241	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2309637	77.238	ng	0.00
79) Terphenyl-d14	13.254	244	3020949	78.057	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.666	70	198359	20.048	ng	# 78
25) Isophorone	7.666	82	1421621	46.871	ng	# 67
32) Benzoic acid	8.383	122	176	7.023	ng	# 1
51) 2,6-Dinitrotoluene	10.148	165	57504	9.318	ng	# 21
57) 2,4-Dinitrotoluene	10.148	165	57504	7.647	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.948	198	2206	5.158	ng	# 1
67) 4-Bromophenyl-phenylether	10.948	248	44043	4.272	ng	# 1
77) Benzidine	13.254	184	51718	3.020	ng	# 94

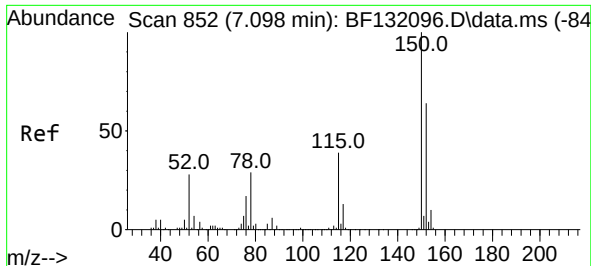
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
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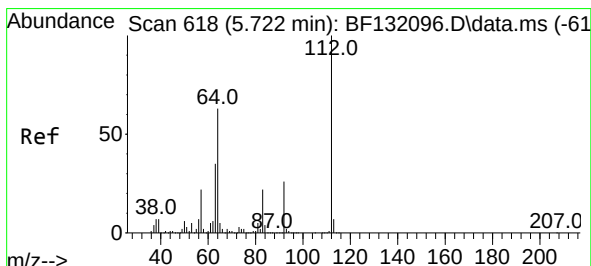
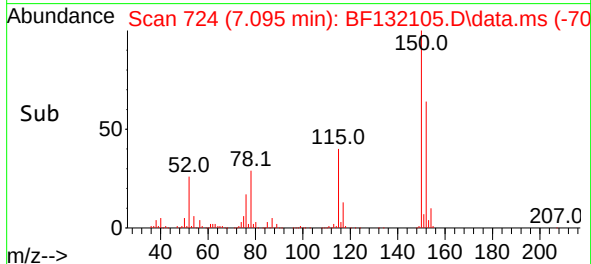
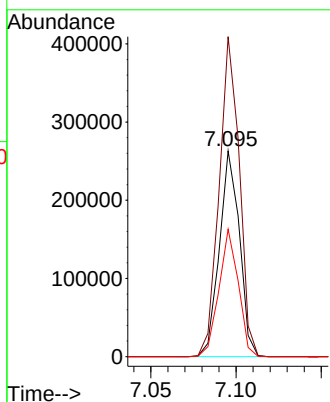
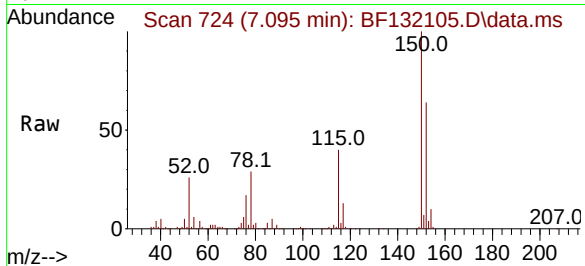




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 70
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

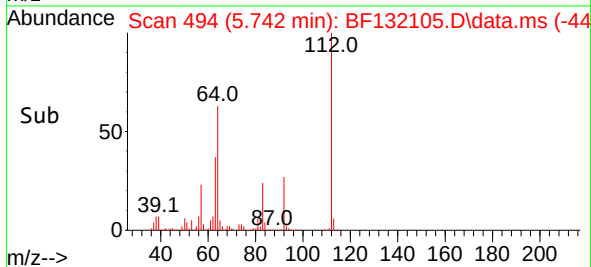
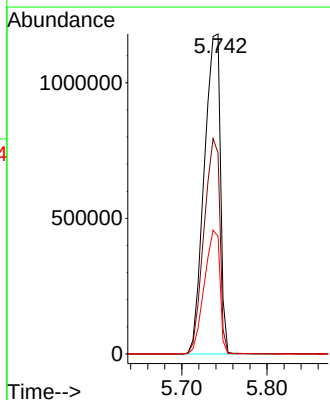
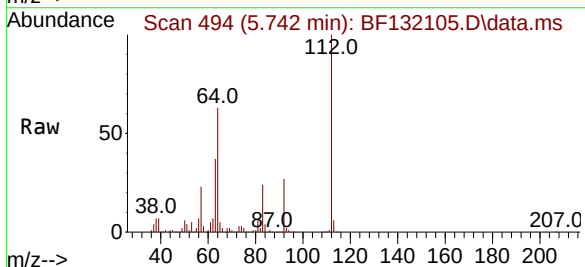
Instrument :
BNA_F
ClientSampleId :
PB150209BL

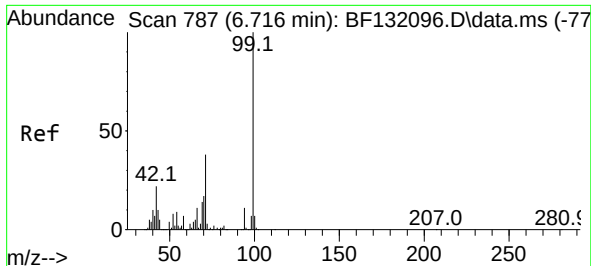
Tgt Ion:152 Resp: 215492
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 61.9 49.1 73.7



#5
2-Fluorophenol
Concen: 129.476 ng
RT: 5.742 min Scan# 494
Delta R.T. 0.020 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:112 Resp: 1559291
Ion Ratio Lower Upper
112 100
64 62.8 50.5 75.7
63 36.7 28.0 42.0

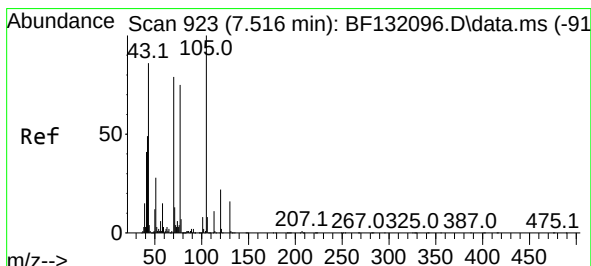
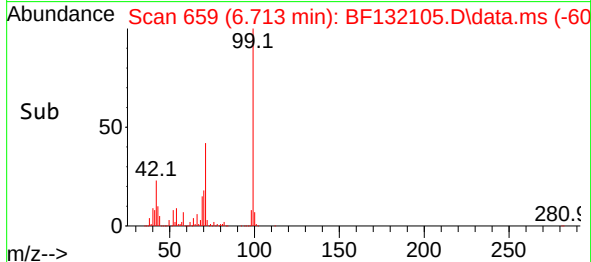
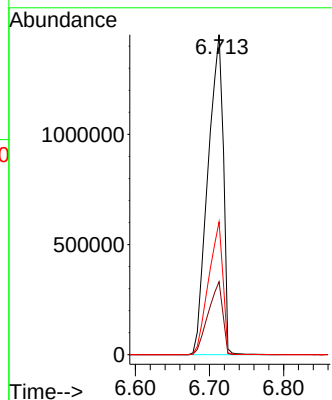
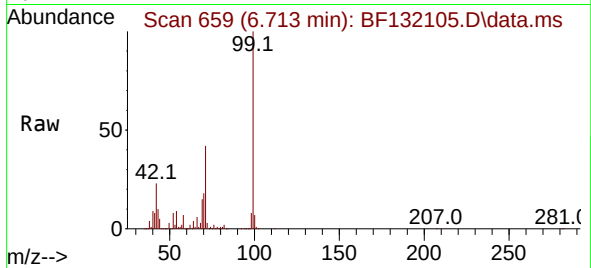




#7
Phenol-d6
Concen: 134.172 ng
RT: 6.713 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

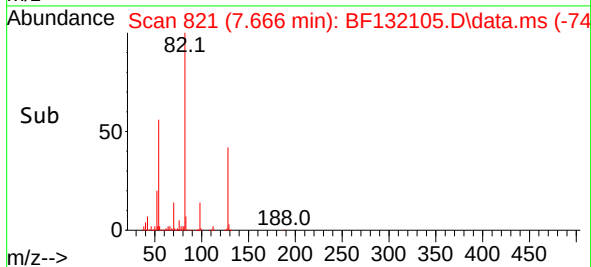
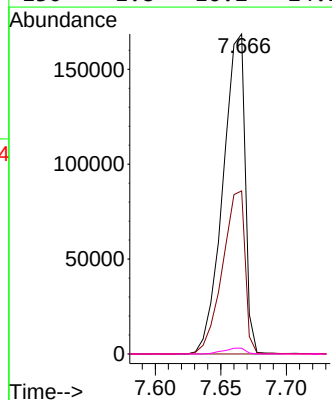
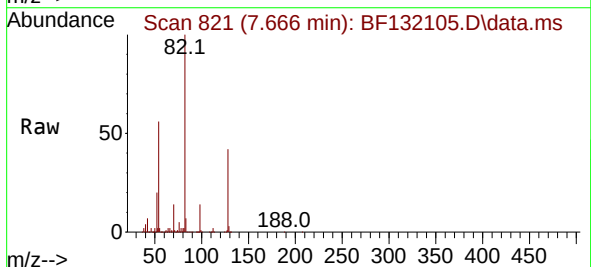
Instrument :
BNA_F
ClientSampleId :
PB150209BL

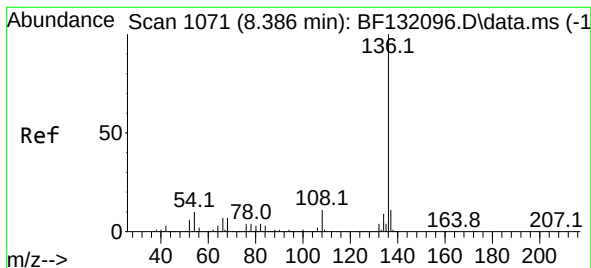
Tgt Ion: 99 Resp: 2084271
Ion Ratio Lower Upper
99 100
42 22.8 17.2 25.8
71 41.5 30.4 45.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.048 ng
RT: 7.666 min Scan# 821
Delta R.T. 0.150 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion: 70 Resp: 198359
Ion Ratio Lower Upper
70 100
42 50.9 50.1 75.1
101 0.0 7.8 11.8#
130 1.8 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.383 min Scan# 943

Delta R.T. -0.003 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

Instrument :

BNA_F

ClientSampleId :

PB150209BL

Tgt Ion:136 Resp: 796180

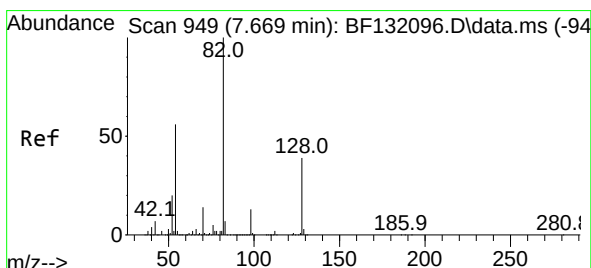
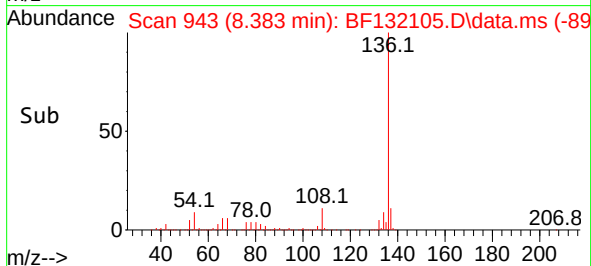
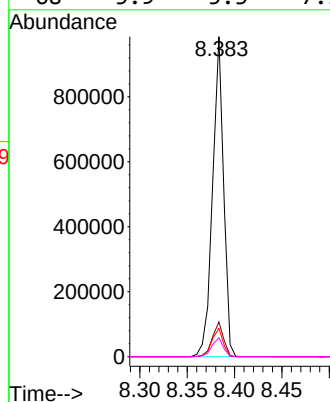
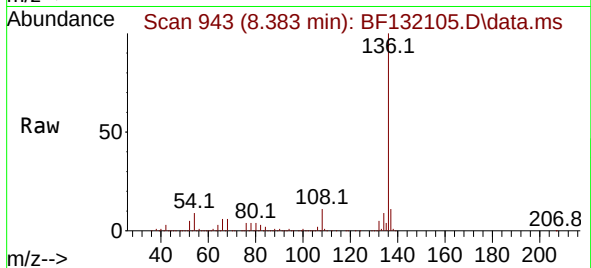
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.8 7.9 11.9

68 5.9 5.3 7.9



#23

Nitrobenzene-d5

Concen: 100.133 ng

RT: 7.666 min Scan# 821

Delta R.T. -0.003 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

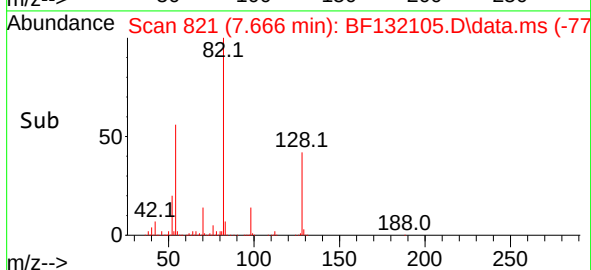
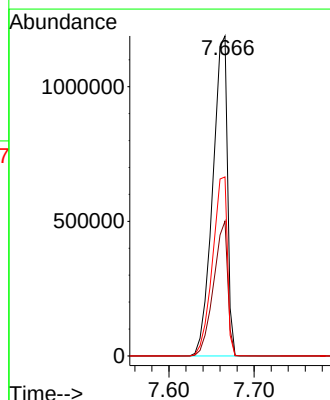
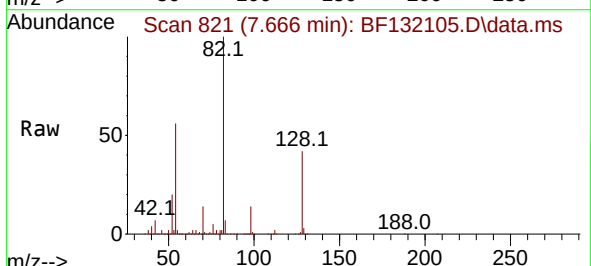
Tgt Ion: 82 Resp: 1425912

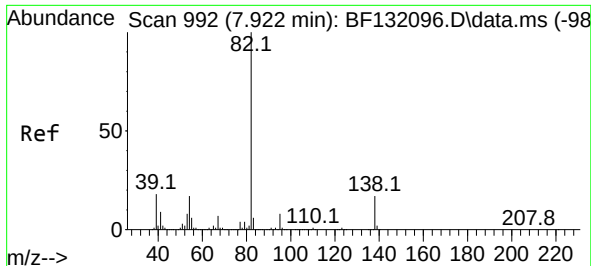
Ion Ratio Lower Upper

82 100

128 42.1 31.2 46.8

54 55.9 45.1 67.7

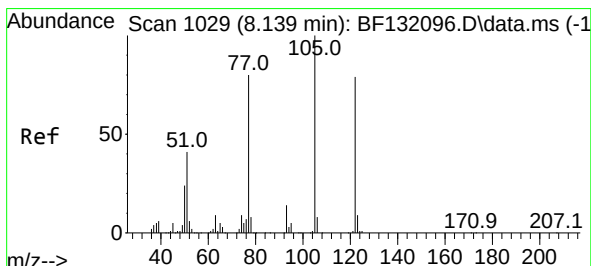
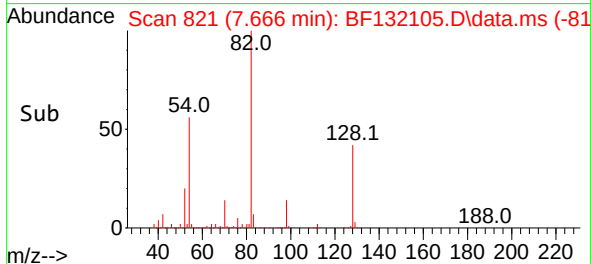
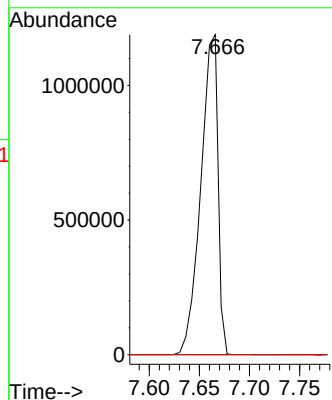
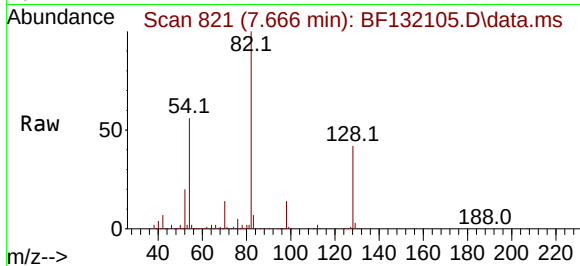




#25
Isophorone
Concen: 46.871 ng
RT: 7.666 min Scan# 81
Delta R.T. -0.256 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

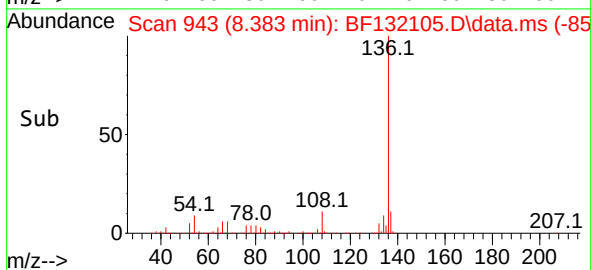
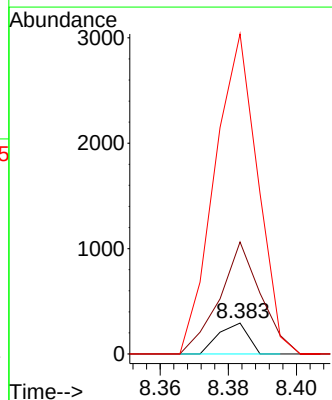
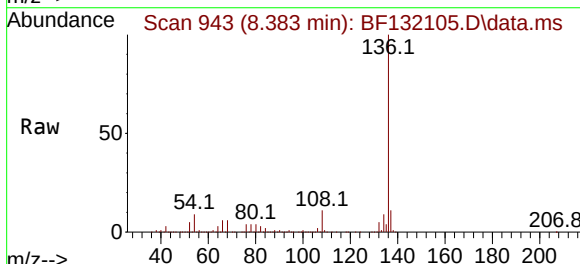
Instrument :
BNA_F
ClientSampleId :
PB150209BL

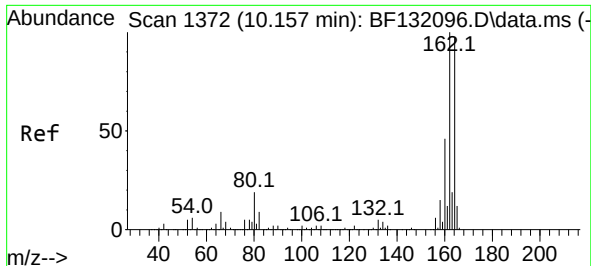
Tgt Ion: 82 Resp: 1421621
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.023 ng
RT: 8.383 min Scan# 943
Delta R.T. 0.244 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:122 Resp: 176
Ion Ratio Lower Upper
122 100
105 362.8 105.0 145.0#
77 1036.5 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: BF132105.D

Acq: 17 Jan 2023 21:16

Instrument :

BNA_F

ClientSampleId :

PB150209BL

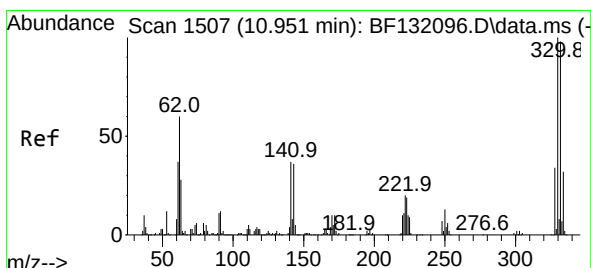
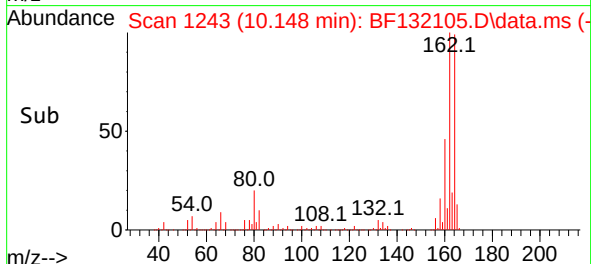
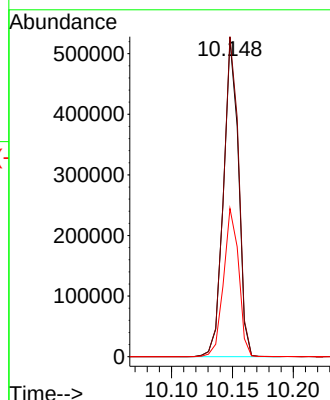
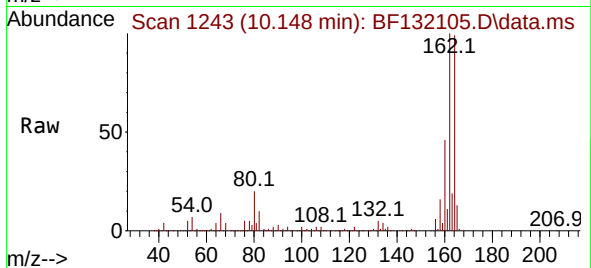
Tgt Ion:164 Resp: 447882

Ion Ratio Lower Upper

164 100

162 101.1 82.5 123.7

160 46.8 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 149.241 ng

RT: 10.948 min Scan# 1379

Delta R.T. -0.003 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

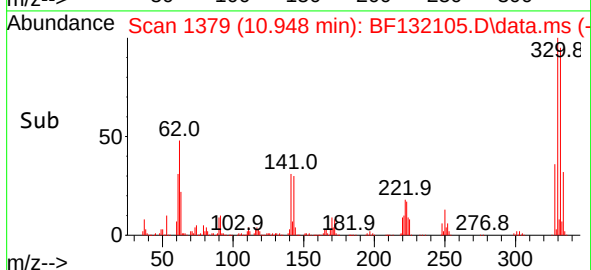
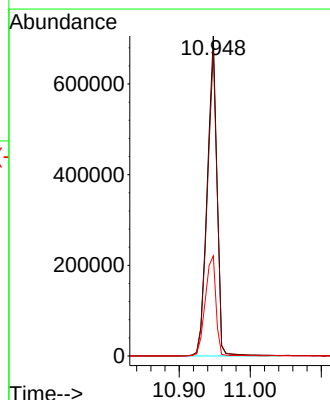
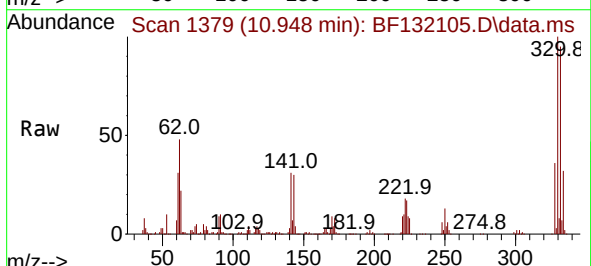
Tgt Ion:330 Resp: 676603

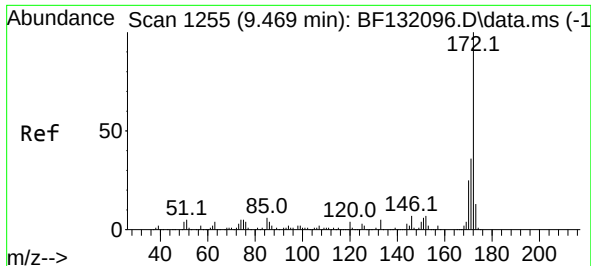
Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 34.4 29.4 44.0

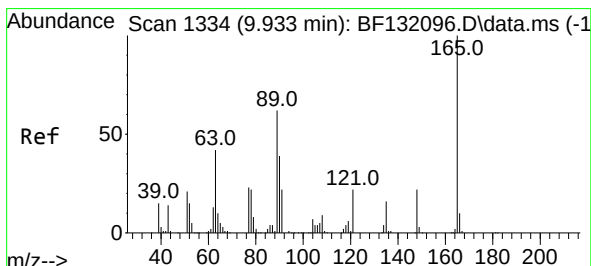
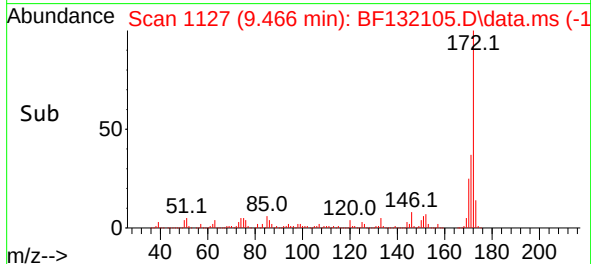
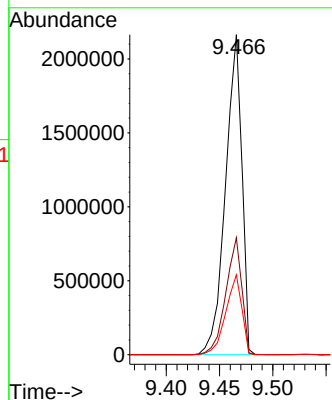
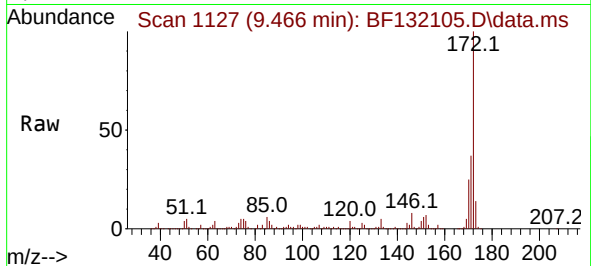




#45
2-Fluorobiphenyl
Concen: 77.238 ng
RT: 9.466 min Scan# 1127
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

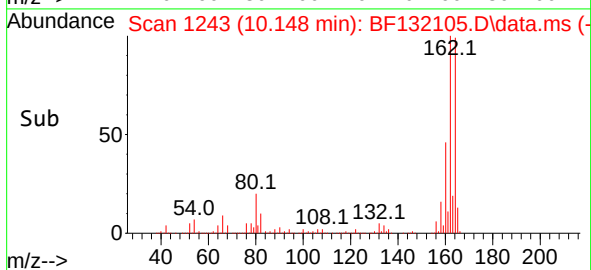
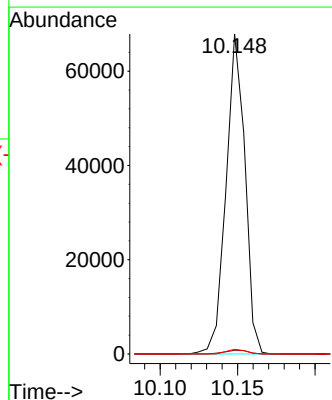
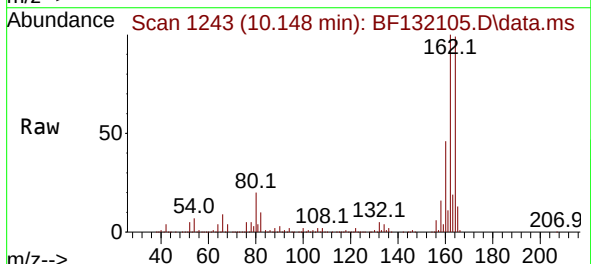
Instrument :
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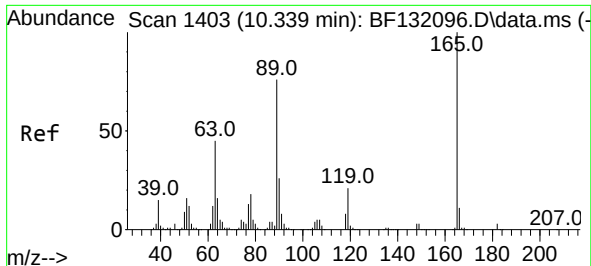
Tgt Ion:172 Resp: 2309637
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 25.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.318 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.215 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:165 Resp: 57504
Ion Ratio Lower Upper
165 100
63 1.2 48.7 73.1#
89 1.5 50.0 75.0#

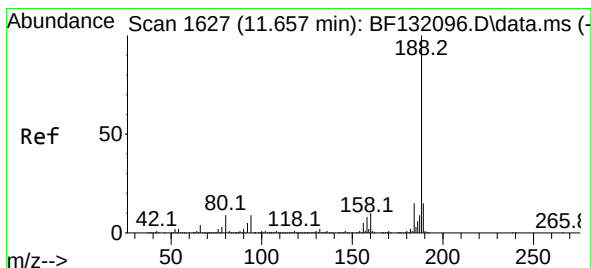
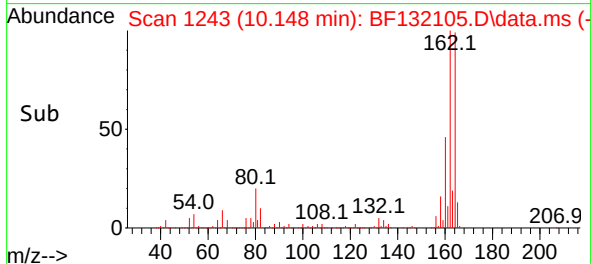
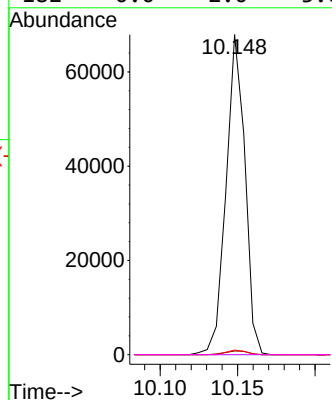
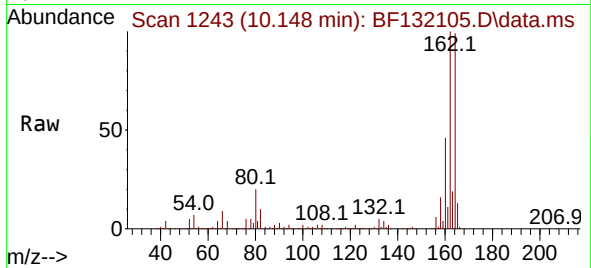




#57
2,4-Dinitrotoluene
Concen: 7.647 ng
RT: 10.148 min Scan# 1498
Delta R.T. -0.191 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

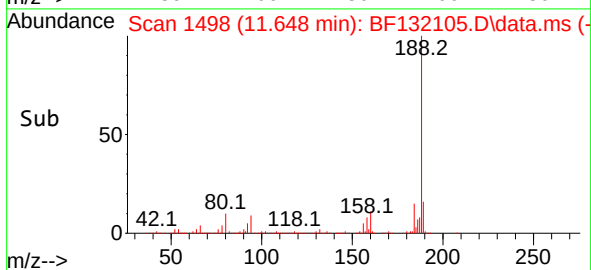
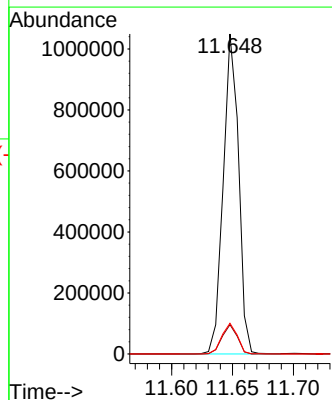
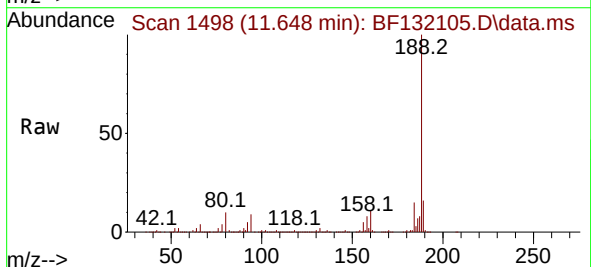
Instrument :
BNA_F
ClientSampleId :
PB150209BL

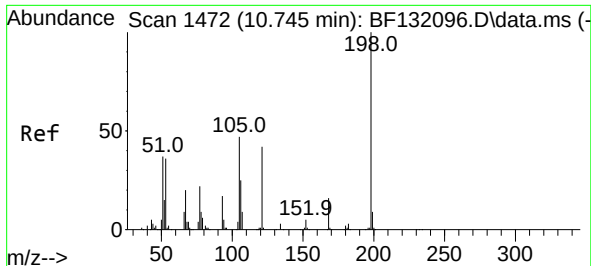
Tgt Ion:165 Resp: 57504
Ion Ratio Lower Upper
165 100
63 1.2 36.1 54.1#
89 1.5 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.009 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:188 Resp: 921185
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.6 7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 5.158 ng

RT: 10.948 min Scan# 1379

Delta R.T. 0.203 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

Instrument :

BNA_F

ClientSampleId :

PB150209BL

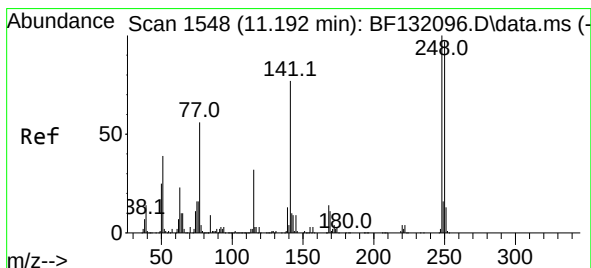
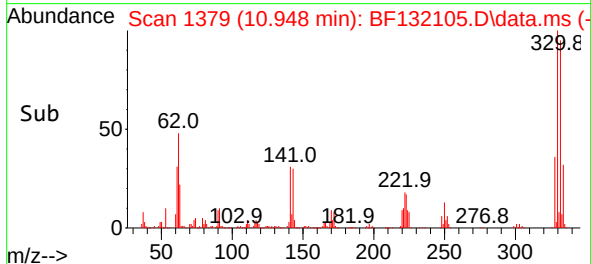
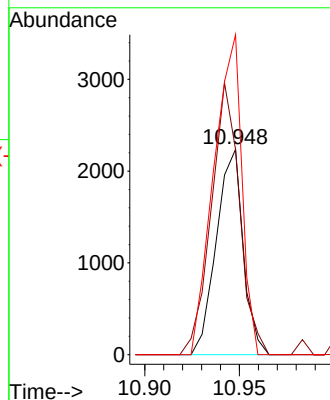
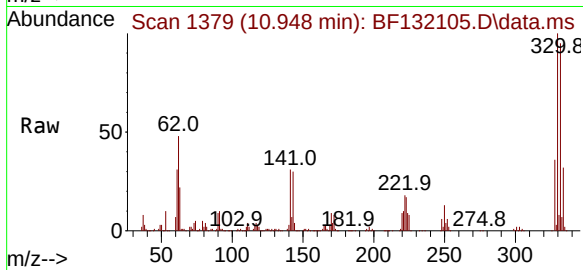
Tgt Ion:198 Resp: 2206

Ion Ratio Lower Upper

198 100

51 99.9 35.7 75.7#

105 155.8 28.0 68.0#



#67

4-Bromophenyl-phenylether

Concen: 4.272 ng

RT: 10.948 min Scan# 1379

Delta R.T. -0.244 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

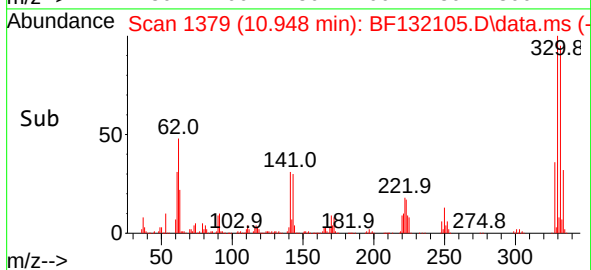
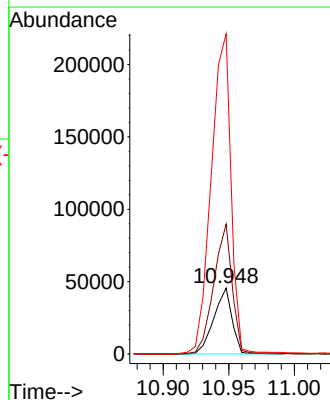
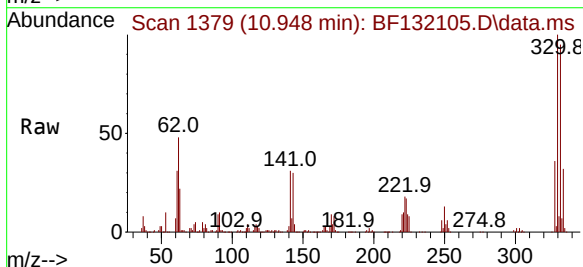
Tgt Ion:248 Resp: 44043

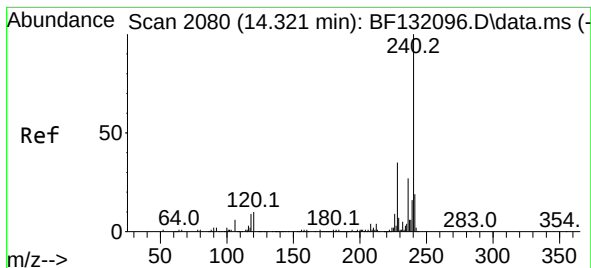
Ion Ratio Lower Upper

248 100

250 197.0 77.8 116.8#

141 485.9 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.312 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

Instrument :

BNA_F

ClientSampleId :

PB150209BL

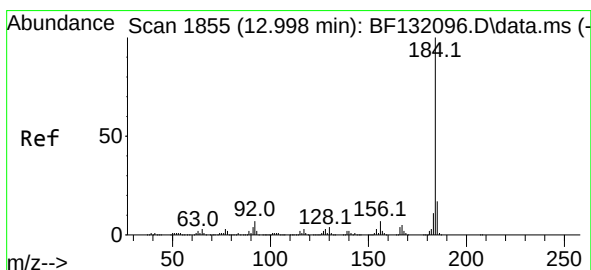
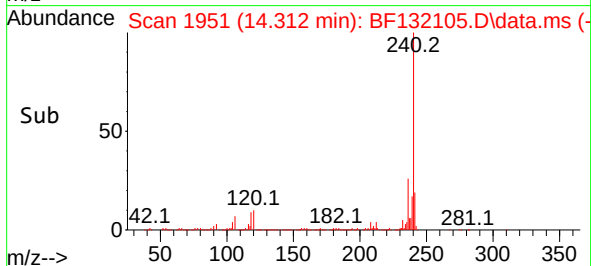
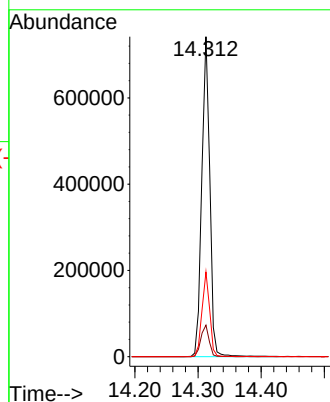
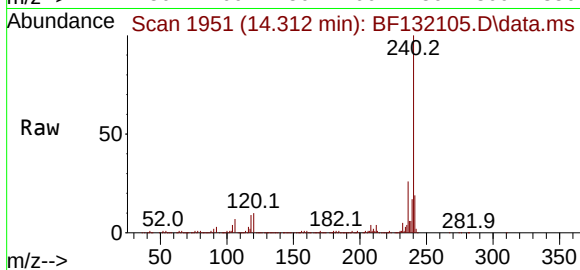
Tgt Ion:240 Resp: 652397

Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.8

236 26.5 21.3 31.9



#77

Benzidine

Concen: 3.020 ng

RT: 13.254 min Scan# 1771

Delta R.T. 0.256 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

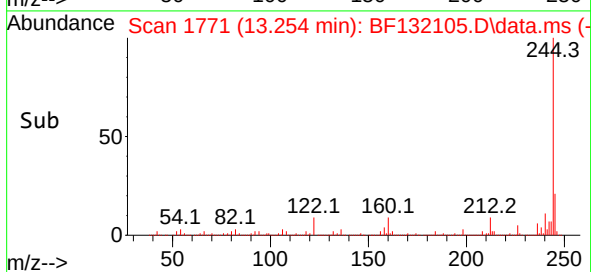
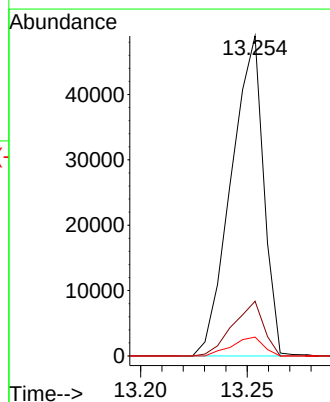
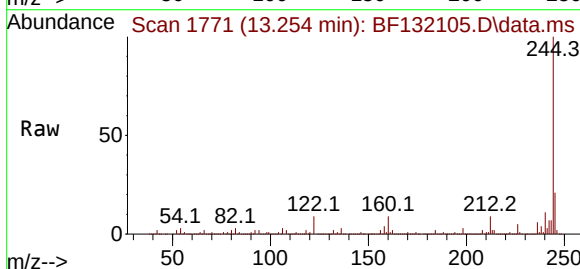
Tgt Ion:184 Resp: 51718

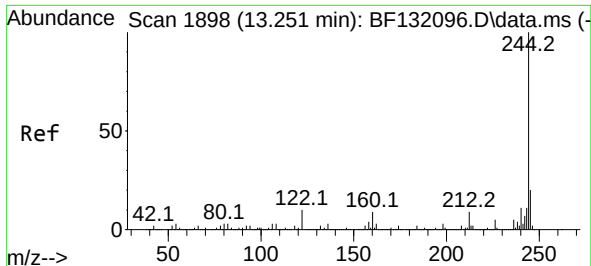
Ion Ratio Lower Upper

184 100

185 17.1 13.3 19.9

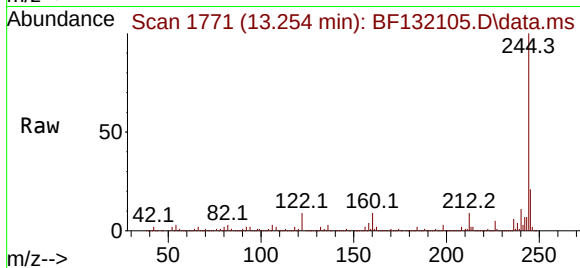
183 5.9 8.9 13.3#





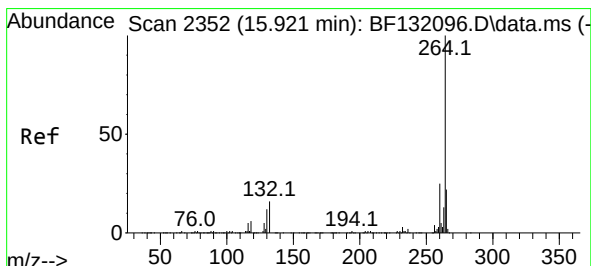
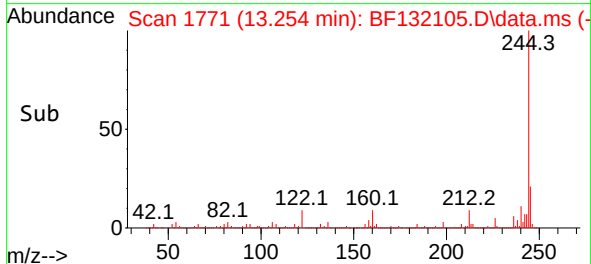
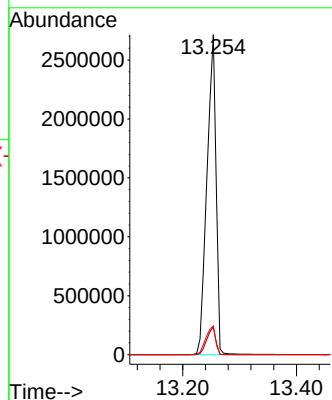
#79
 Terphenyl-d14
 Concen: 78.057 ng
 RT: 13.254 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: BF132105.D
 Acq: 17 Jan 2023 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BL



Tgt Ion:244 Resp: 3020949

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.1	10.7
122	9.0	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.912 min Scan# 2223
 Delta R.T. -0.009 min
 Lab File: BF132105.D
 Acq: 17 Jan 2023 21:16

Tgt Ion:264 Resp: 443256

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.7	29.5
265	21.8	17.3	25.9

