

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132763.D
 Acq On : 13 Mar 2023 16:44
 Operator : CG\JU
 Sample : 01869-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UPS-01

Quant Time: Mar 14 01:31:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

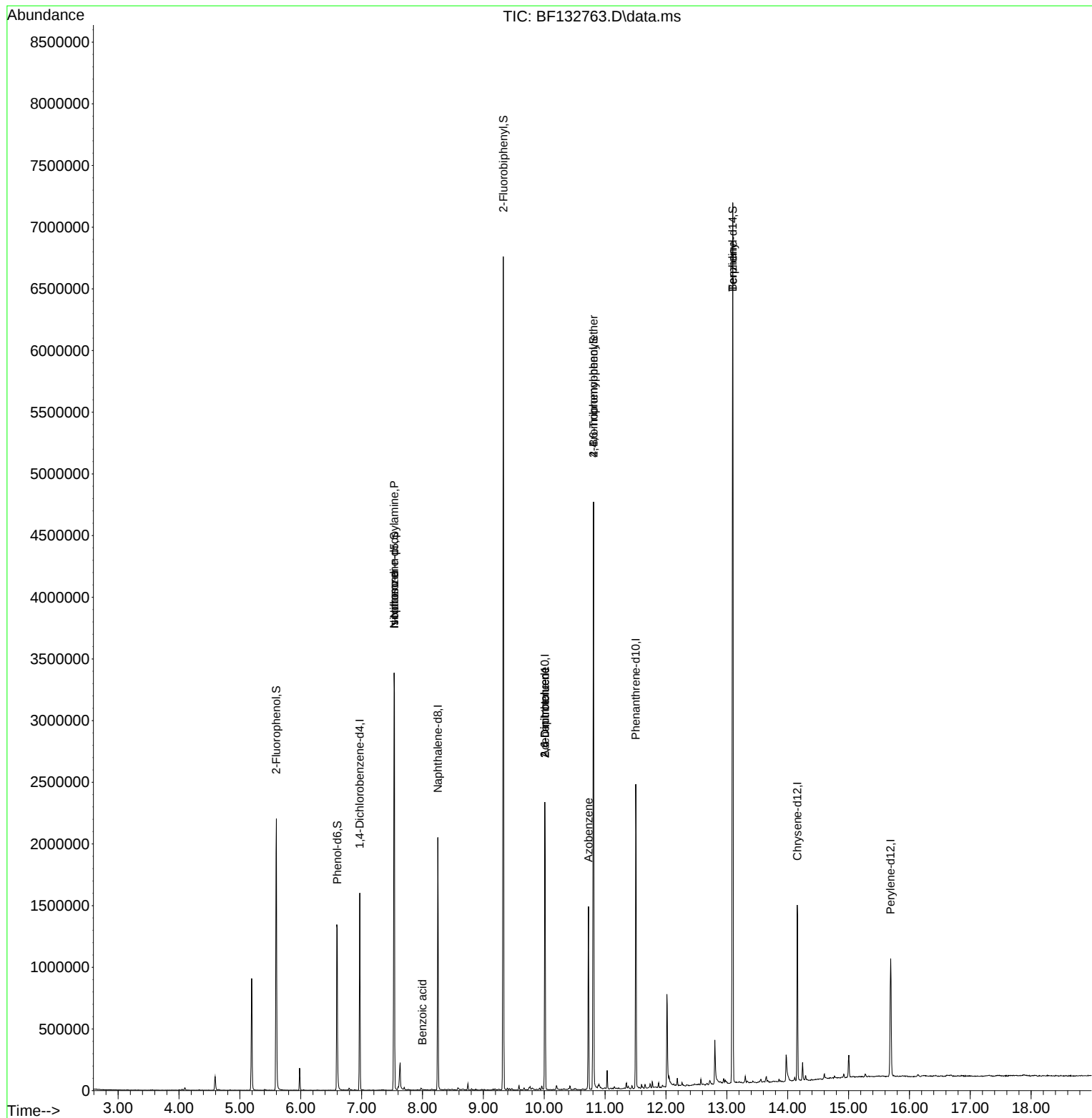
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	218955	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	823336	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	461096	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	928686	20.000	ng	0.00
76) Chrysene-d12	14.157	240	502590	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	455985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	660206	48.937	ng	0.00
7) Phenol-d6	6.598	99	516399	29.329	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1259812	72.596	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	606690	121.834	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2050392	67.709	ng	0.00
79) Terphenyl-d14	13.098	244	2838434	95.487	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	163491	15.088	ng	# 75
25) Isophorone	7.534	82	1260009	37.871	ng	# 67
32) Benzoic acid	7.998	122	1896	4.007	ng	99
51) 2,6-Dinitrotoluene	10.010	165	60041	7.853	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	60041	5.903	ng	# 21
63) Azobenzene	10.728	77	260698	7.507	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	39114	3.723	ng	# 1
77) Benzidine	13.098	184	40801	3.335	ng	# 92

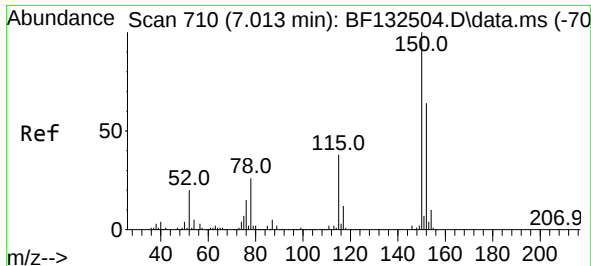
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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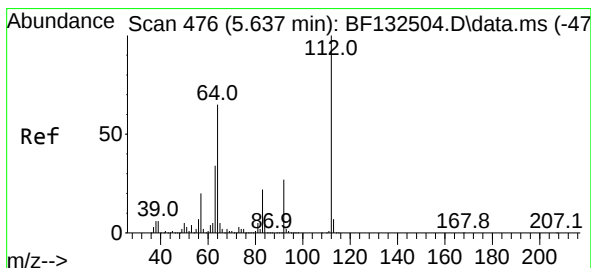
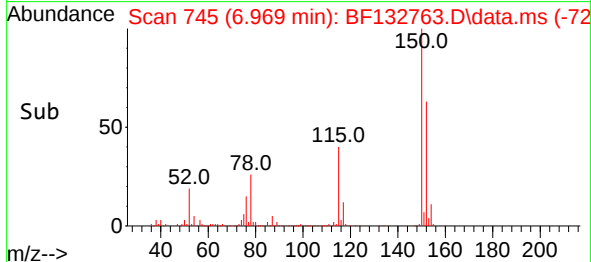
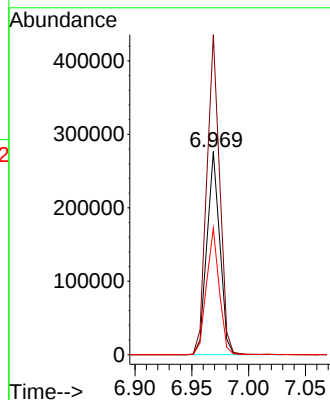
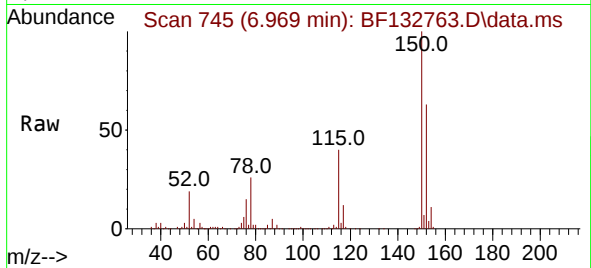




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF132763.D
 Acq: 13 Mar 2023 16:44

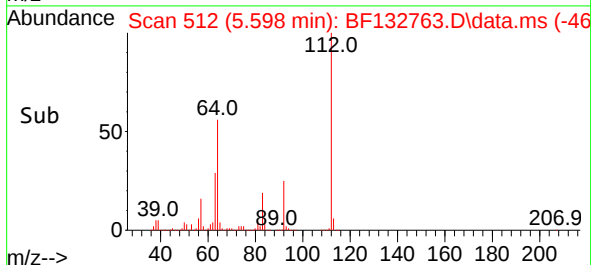
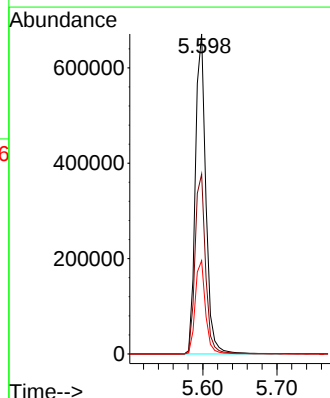
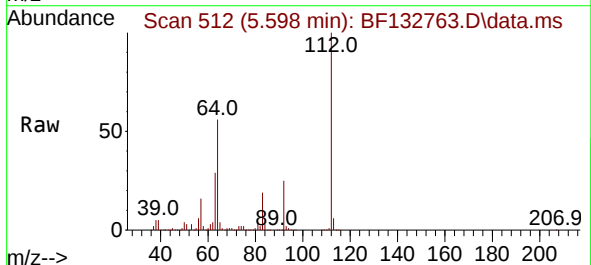
Instrument :
 BNA_F
 ClientSampleId :
 UPS-01

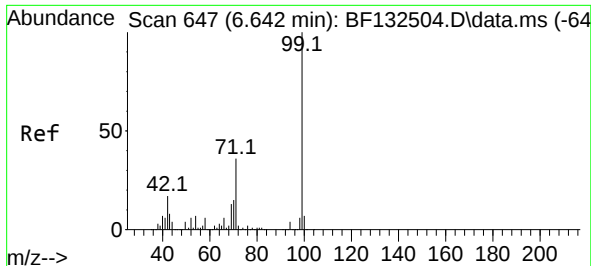
Tgt Ion:152 Resp: 218955
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.4 188.2
 115 62.3 47.8 71.6



#5
 2-Fluorophenol
 Concen: 48.937 ng
 RT: 5.598 min Scan# 512
 Delta R.T. 0.000 min
 Lab File: BF132763.D
 Acq: 13 Mar 2023 16:44

Tgt Ion:112 Resp: 660206
 Ion Ratio Lower Upper
 112 100
 64 56.2 51.6 77.4
 63 29.1 27.4 41.2

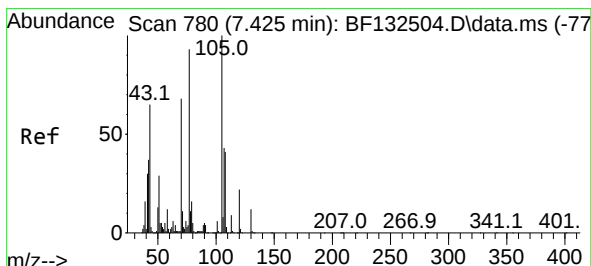
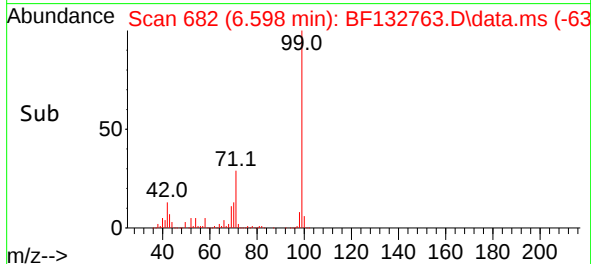
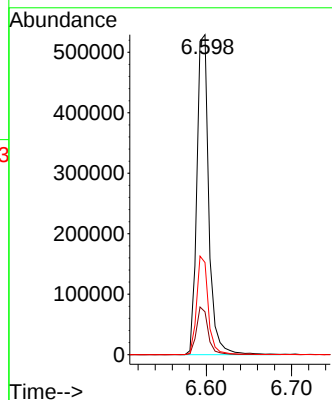
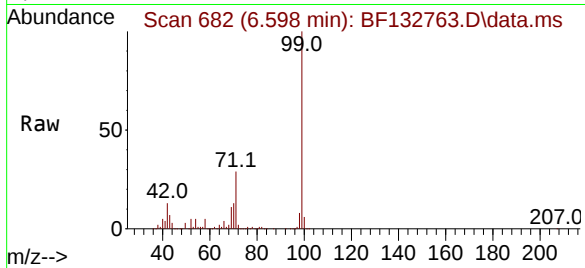




#7
Phenol-d6
Concen: 29.329 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

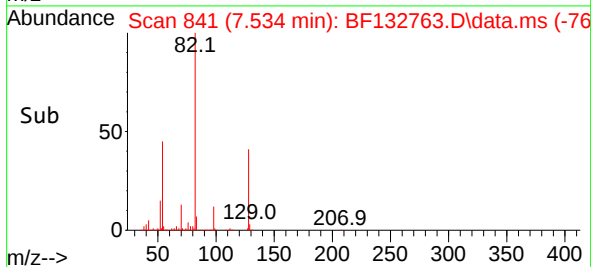
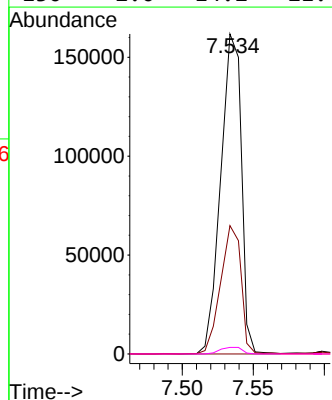
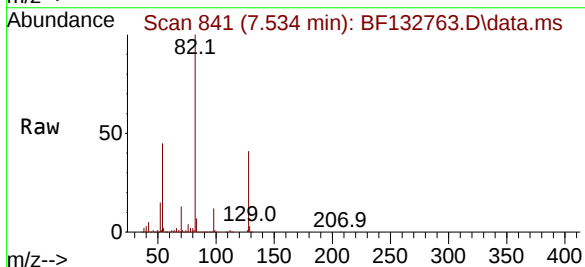
Instrument :
BNA_F
ClientSampleId :
UPS-01

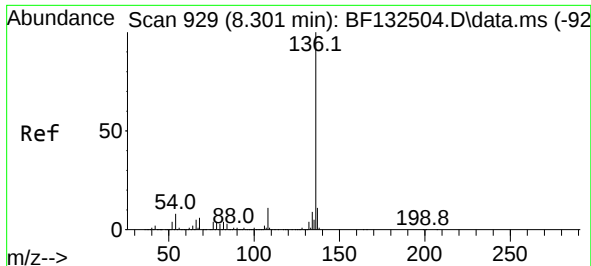
Tgt Ion: 99 Resp: 516399
Ion Ratio Lower Upper
99 100
42 13.4 13.9 20.9#
71 28.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.088 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion: 70 Resp: 163491
Ion Ratio Lower Upper
70 100
42 40.1 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

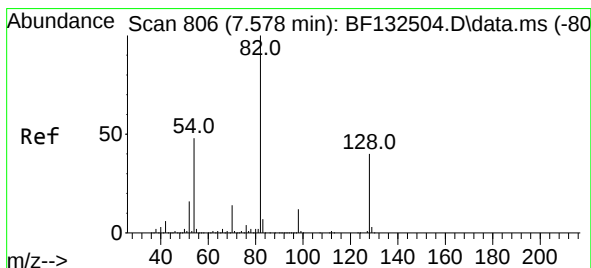
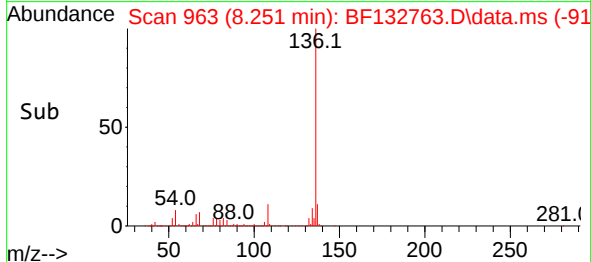
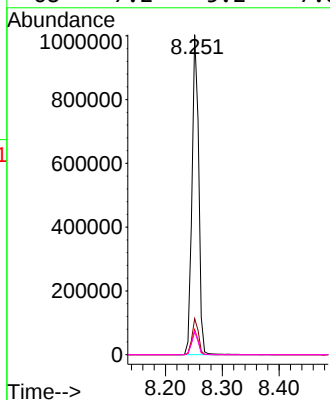
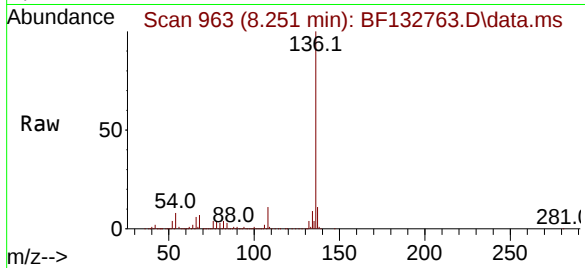




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

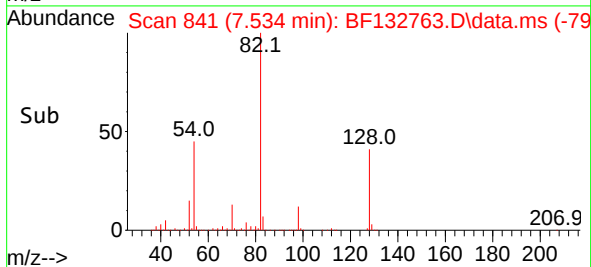
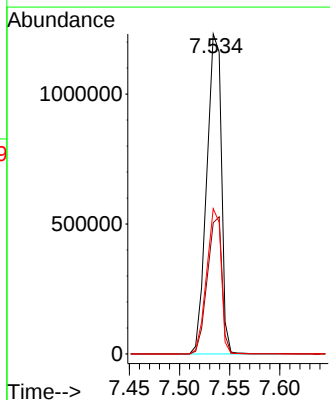
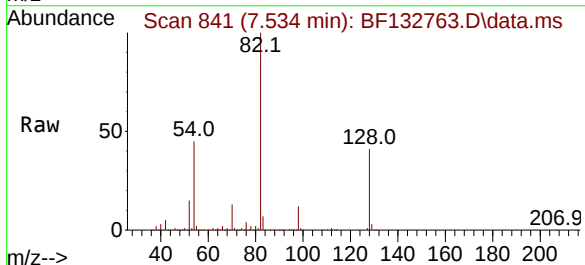
Instrument :
BNA_F
ClientSampleId :
UPS-01

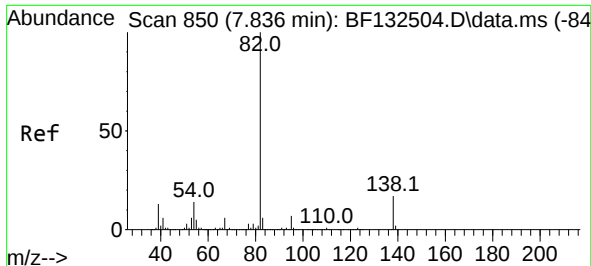
Tgt Ion:136 Resp: 823336
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.2 9.4
68 7.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 72.596 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion: 82 Resp: 1259812
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 45.4 38.4 57.6

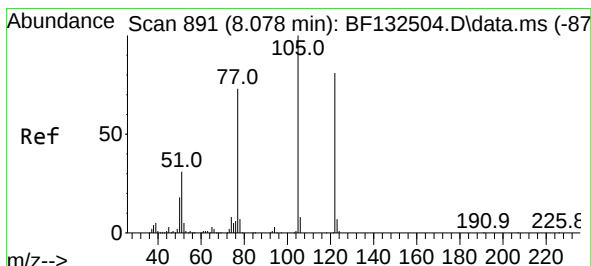
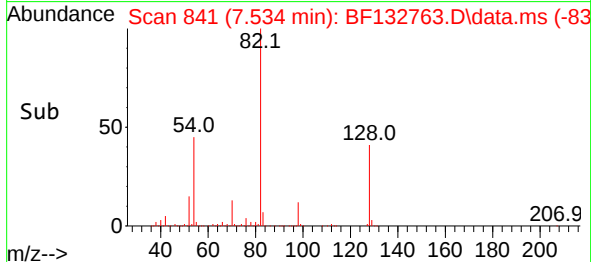
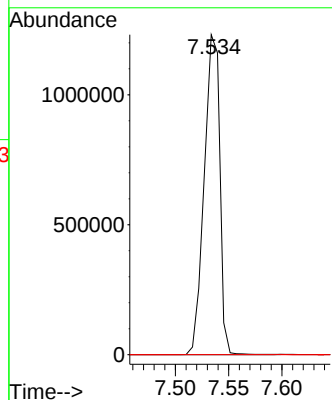
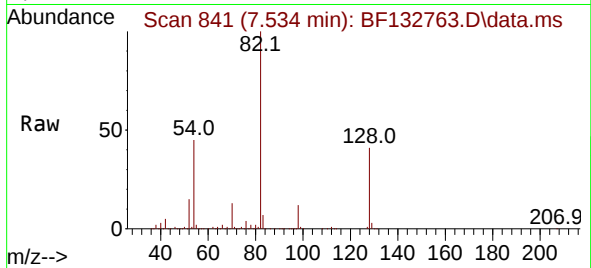




#25
Isophorone
Concen: 37.871 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

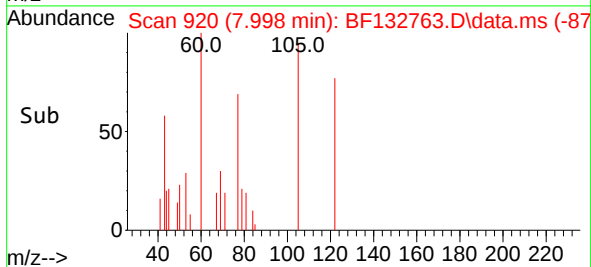
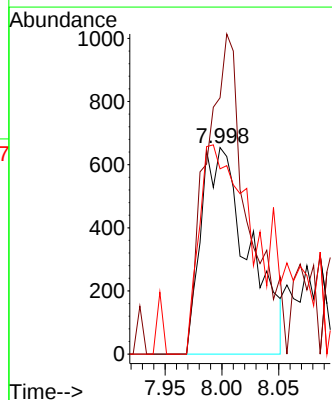
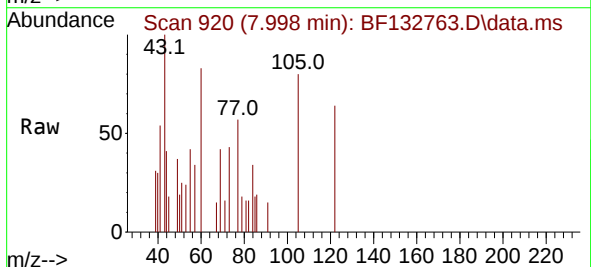
Instrument :
BNA_F
ClientSampleId :
UPS-01

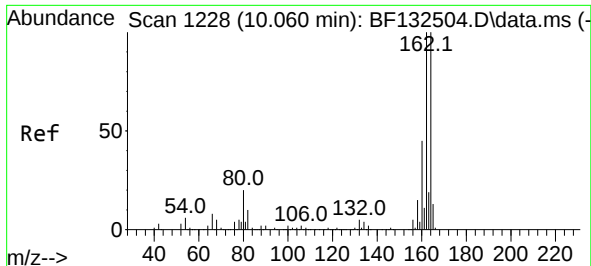
Tgt Ion: 82 Resp: 1260009
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.007 ng
RT: 7.998 min Scan# 920
Delta R.T. -0.041 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion: 122 Resp: 1896
Ion Ratio Lower Upper
122 100
105 124.2 102.6 142.6
77 89.8 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

UPS-01

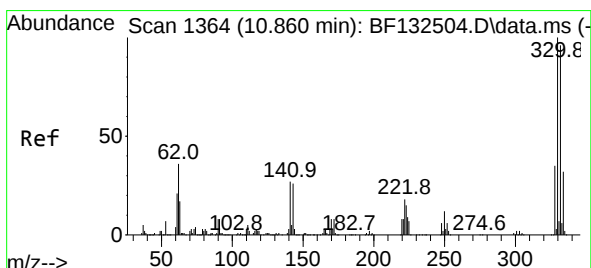
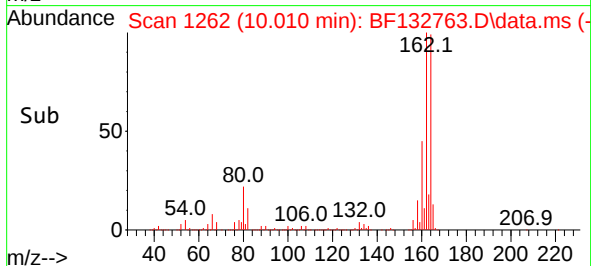
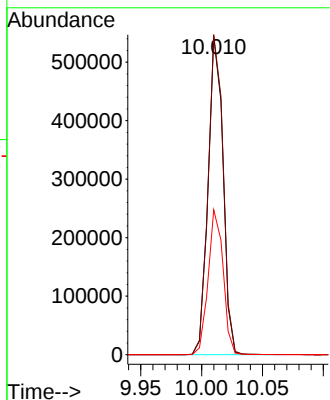
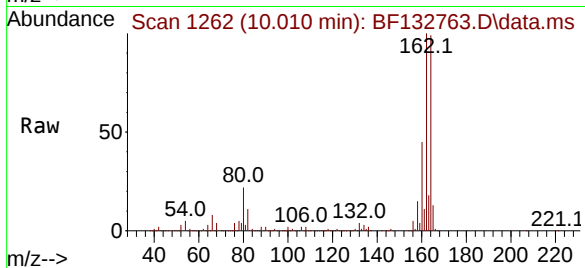
Tgt Ion:164 Resp: 461096

Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.8

160 45.7 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 121.834 ng

RT: 10.810 min Scan# 1398

Delta R.T. -0.006 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

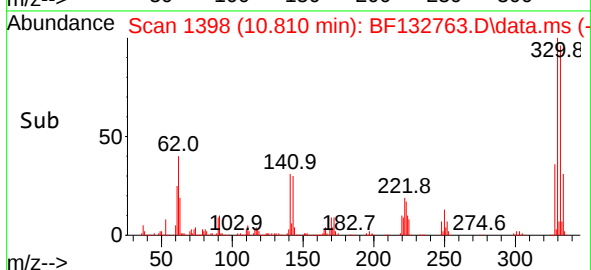
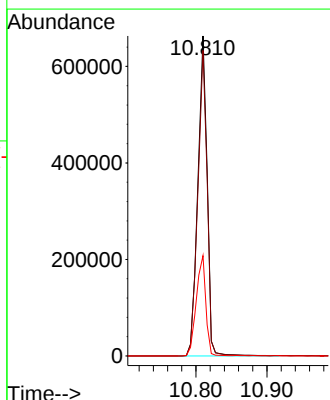
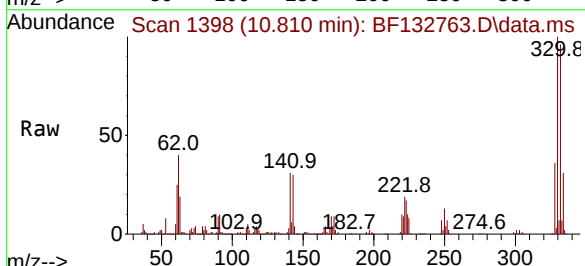
Tgt Ion:330 Resp: 606690

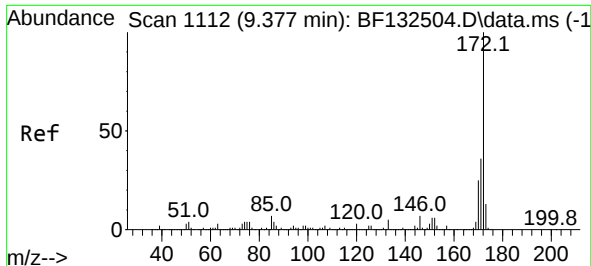
Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 32.3 28.4 42.6

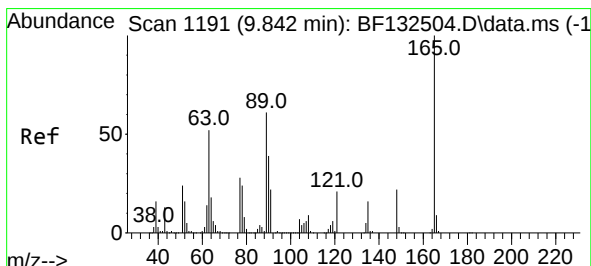
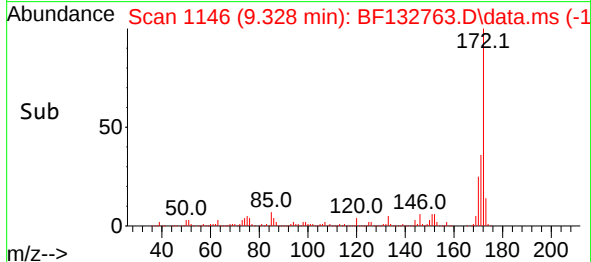
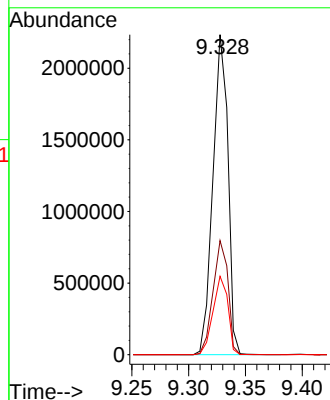
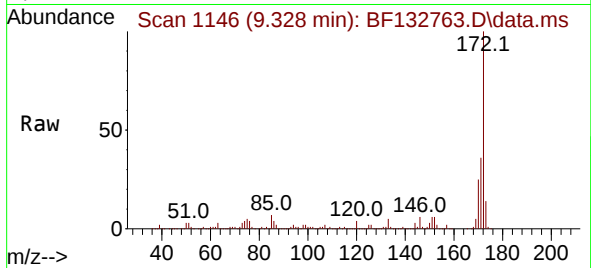




#45
2-Fluorobiphenyl
Concen: 67.709 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

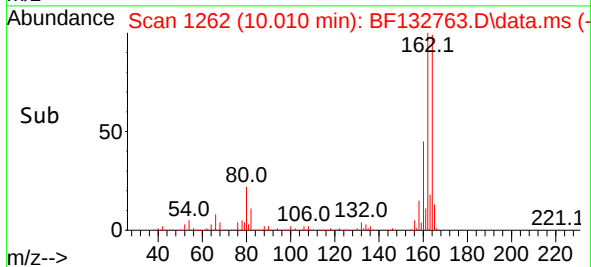
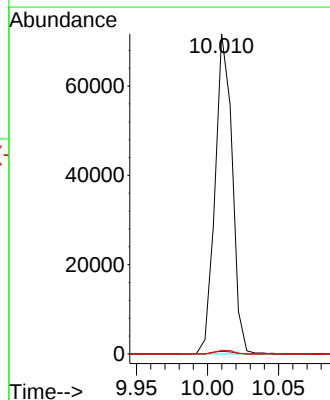
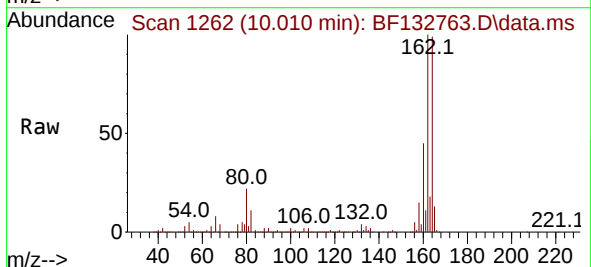
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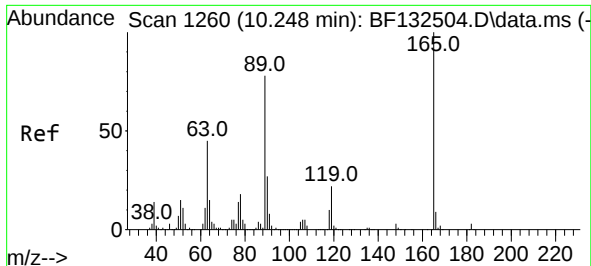
Tgt Ion:172 Resp: 2050392
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.5 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.853 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion:165 Resp: 60041
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.1 48.9 73.3#

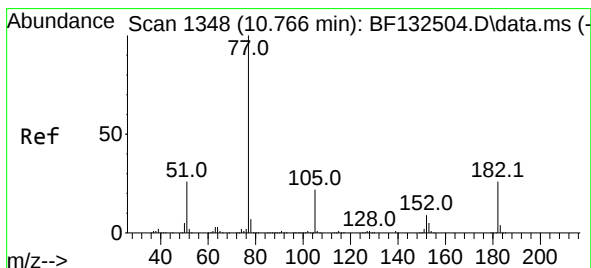
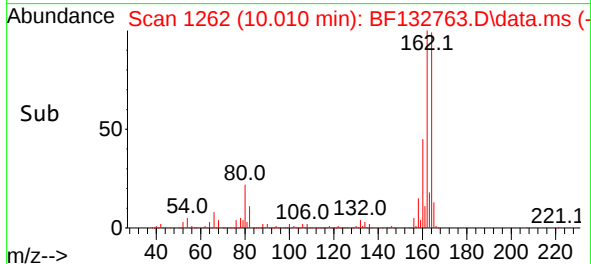
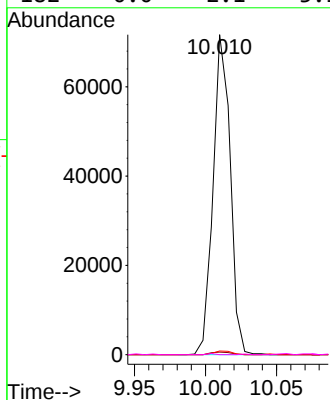
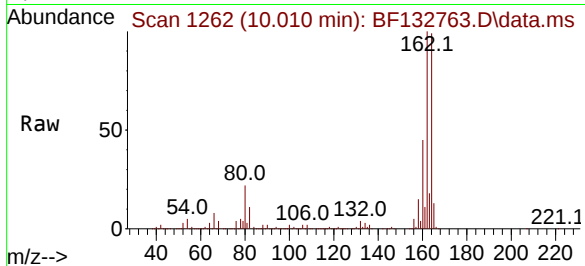




#57
2,4-Dinitrotoluene
Concen: 5.903 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

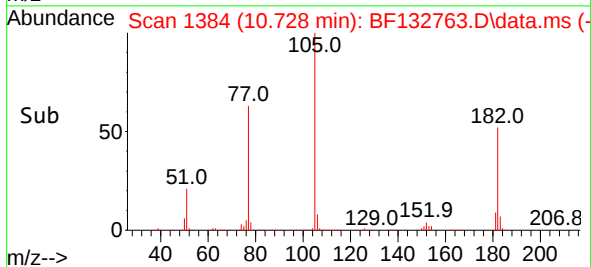
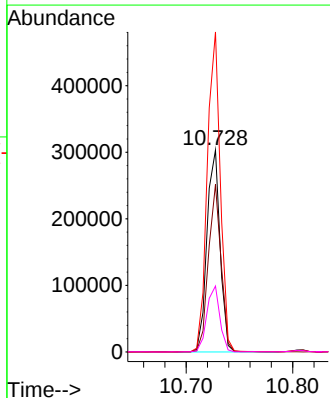
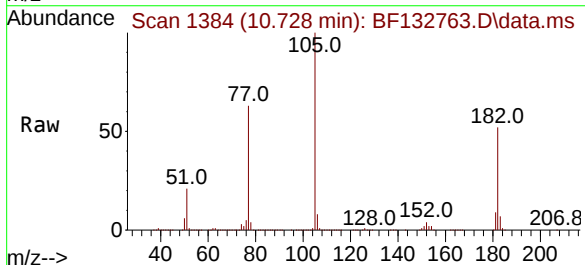
Instrument :
BNA_F
ClientSampleId :
UPS-01

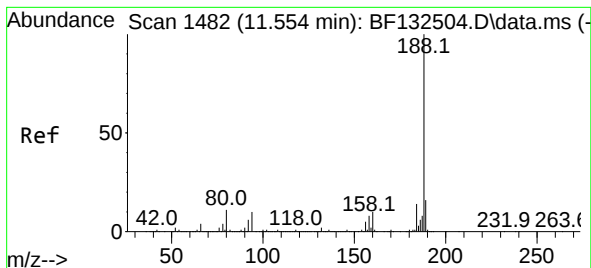
Tgt Ion:165 Resp: 60041
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 7.507 ng
RT: 10.728 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion: 77 Resp: 260698
Ion Ratio Lower Upper
77 100
182 82.9 5.5 45.5#
105 158.5 1.8 41.8#
51 32.7 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

UPS-01

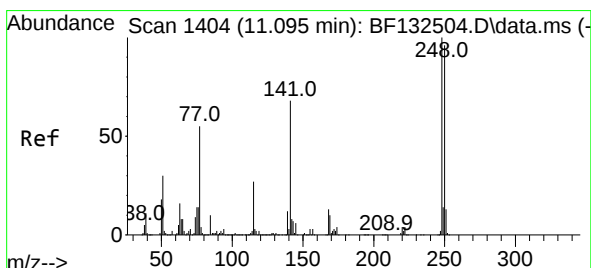
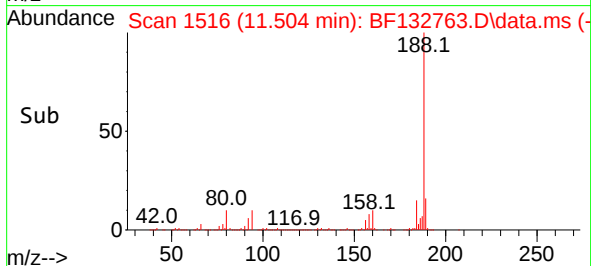
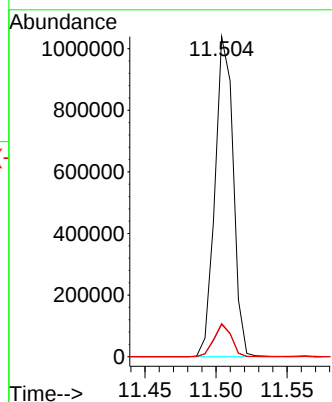
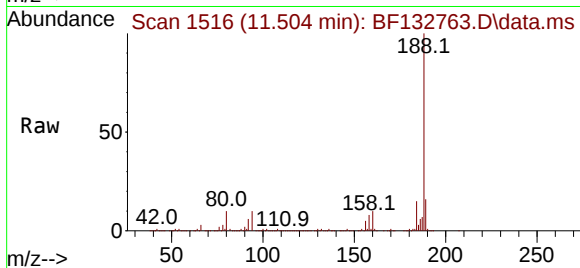
Tgt Ion:188 Resp: 928686

Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 10.4 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 3.723 ng

RT: 10.810 min Scan# 1398

Delta R.T. -0.241 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

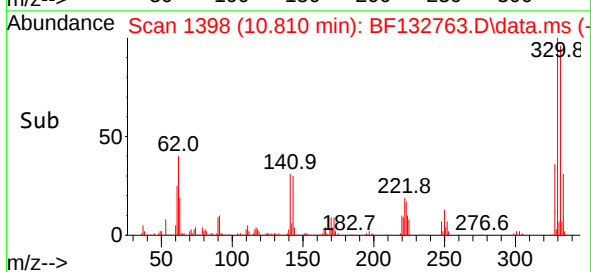
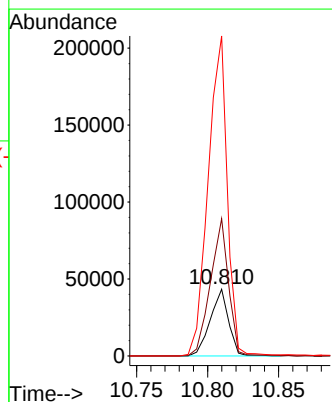
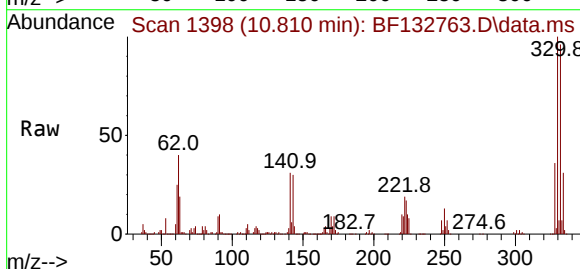
Tgt Ion:248 Resp: 39114

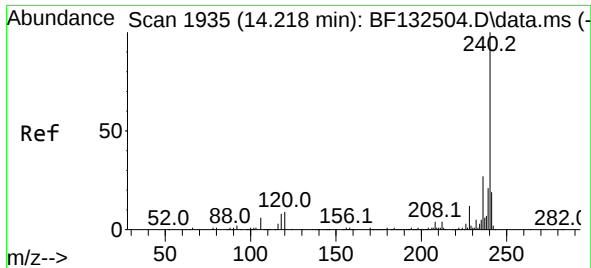
Ion Ratio Lower Upper

248 100

250 205.6 77.0 115.4#

141 479.2 54.2 81.2#

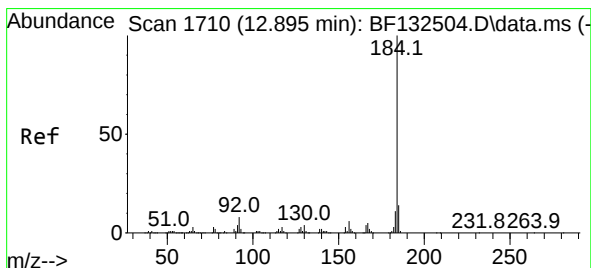
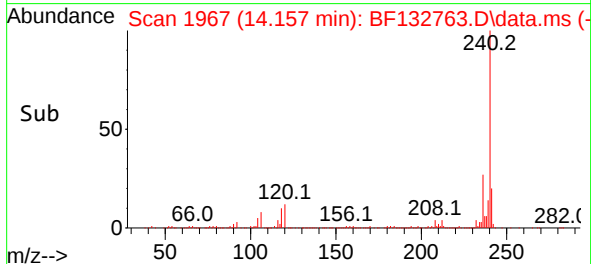
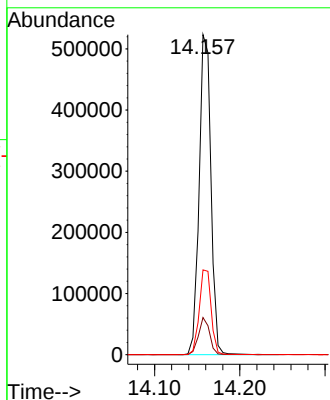
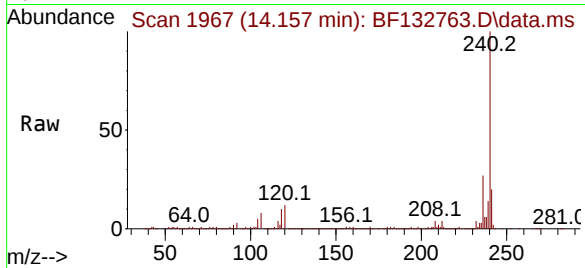




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

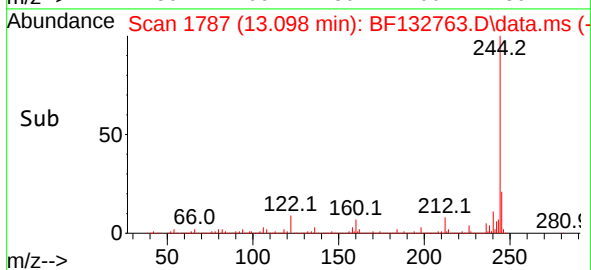
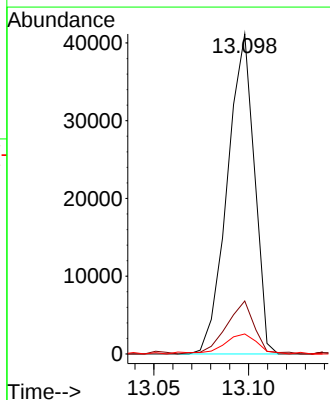
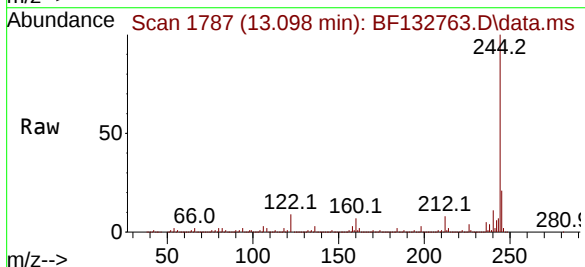
Instrument :
BNA_F
ClientSampleId :
UPS-01

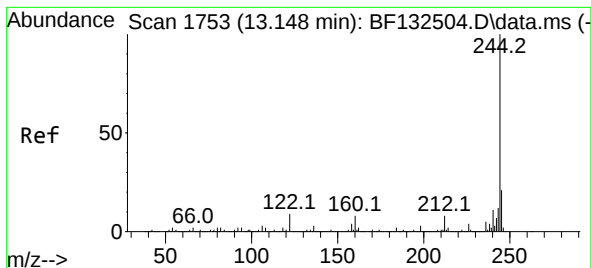
Tgt Ion:240 Resp: 502590
Ion Ratio Lower Upper
240 100
120 11.6 7.2 10.8#
236 26.5 21.8 32.6



#77
Benzidine
Concen: 3.335 ng
RT: 13.098 min Scan# 1787
Delta R.T. 0.247 min
Lab File: BF132763.D
Acq: 13 Mar 2023 16:44

Tgt Ion:184 Resp: 40801
Ion Ratio Lower Upper
184 100
185 16.5 11.7 17.5
183 6.3 8.7 13.1#





#79

Terphenyl-d14

Concen: 95.487 ng

RT: 13.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

UPS-01

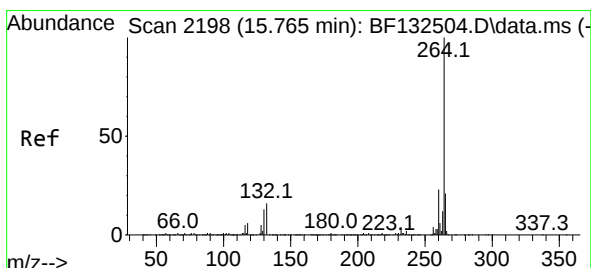
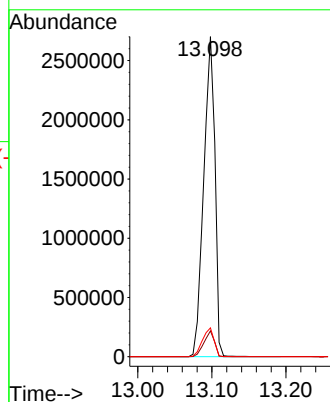
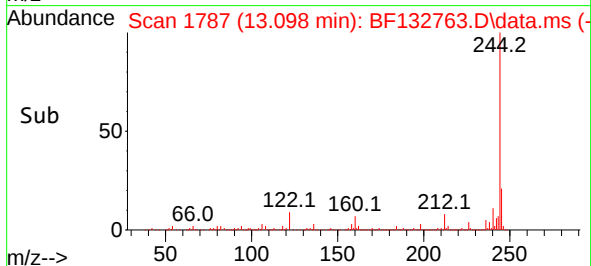
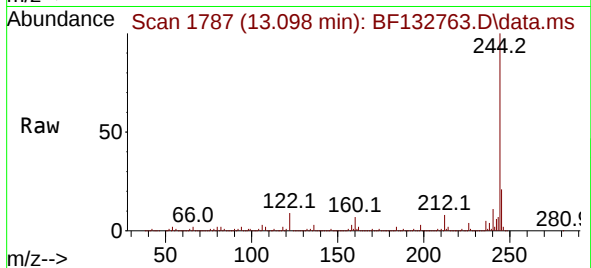
Tgt Ion:244 Resp: 2838434

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.0 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF132763.D

Acq: 13 Mar 2023 16:44

Tgt Ion:264 Resp: 455985

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 21.9 17.1 25.7

