

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132761.D
 Acq On : 13 Mar 2023 15:40
 Operator : CG\JU
 Sample : 01878-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F-1

Quant Time: Mar 14 01:31:13 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)

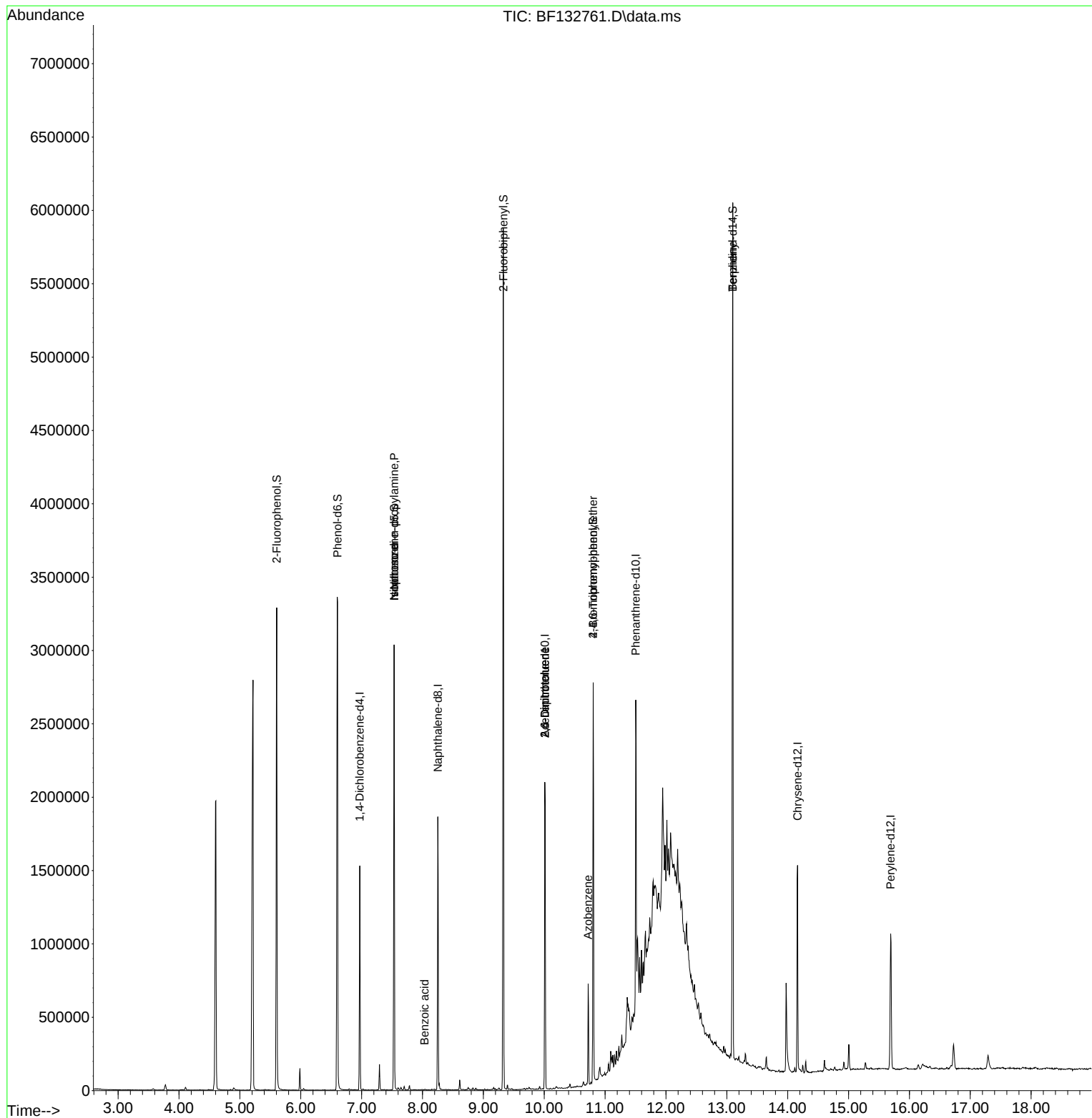
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	208341	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	778512	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	440041	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	814300	20.000	ng	0.00
76) Chrysene-d12	14.163	240	484827	20.000	ng	0.00
86) Perylene-d12	15.692	264	457589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	927773	72.273	ng	0.00
7) Phenol-d6	6.604	99	1330981	79.445	ng	0.00
23) Nitrobenzene-d5	7.534	82	965250	58.825	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	325011	68.391	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1693691	58.606	ng	0.00
79) Terphenyl-d14	13.098	244	2132506	74.367	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	127330	12.349	ng	# 75
25) Isophorone	7.534	82	964130	30.646	ng	# 67
32) Benzoic acid	8.033	122	67	3.842	ng	# 55
51) 2,6-Dinitrotoluene	10.010	165	55974	7.671	ng	# 23
57) 2,4-Dinitrotoluene	10.010	165	55974	5.766	ng	# 21
63) Azobenzene	10.722	77	116358	3.511	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	21397	2.323	ng	# 1
77) Benzidine	13.098	184	29902	2.534	ng	# 95

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

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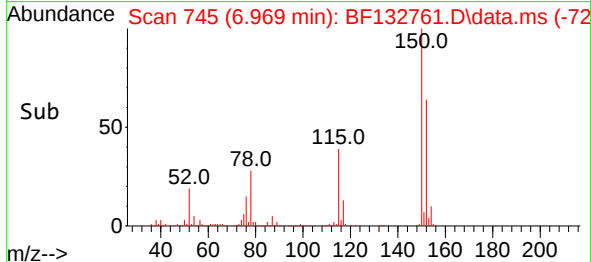
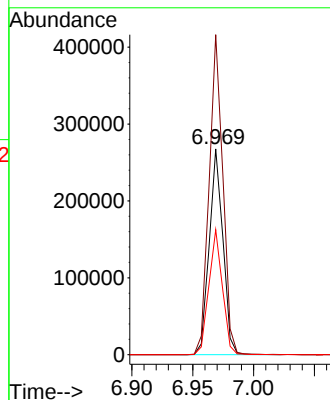
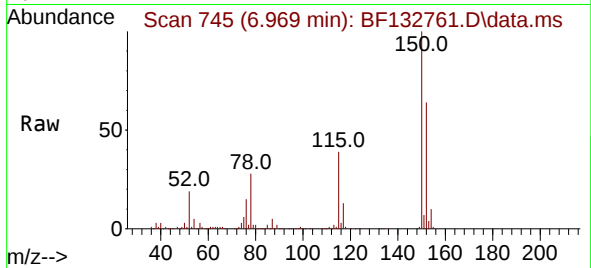




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF132761.D
 Acq: 13 Mar 2023 15:40

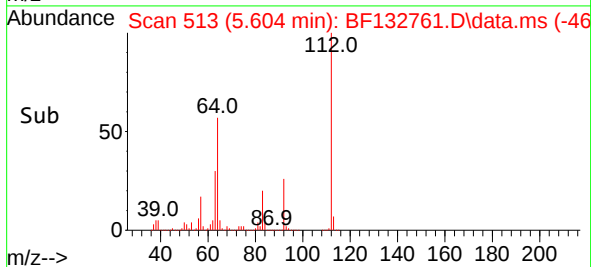
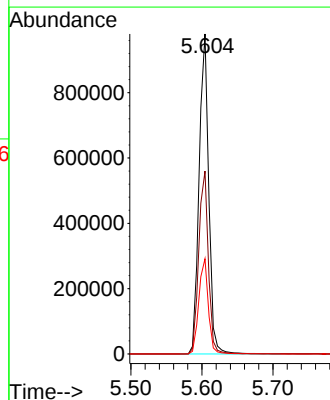
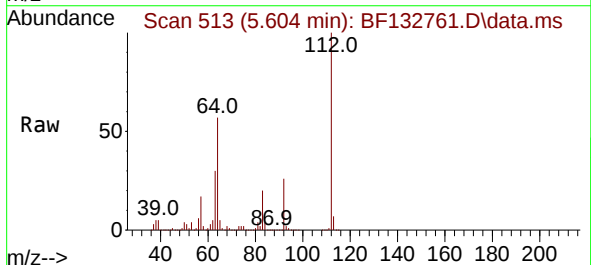
Instrument :
 BNA_F
 ClientSampleId :
 F-1

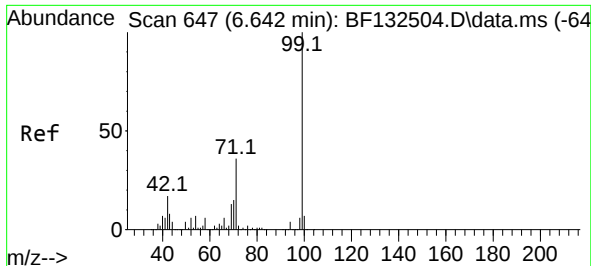
Tgt Ion:152 Resp: 208341
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.4 188.2
 115 60.7 47.8 71.6



#5
 2-Fluorophenol
 Concen: 72.273 ng
 RT: 5.604 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF132761.D
 Acq: 13 Mar 2023 15:40

Tgt Ion:112 Resp: 927773
 Ion Ratio Lower Upper
 112 100
 64 57.1 51.6 77.4
 63 29.7 27.4 41.2



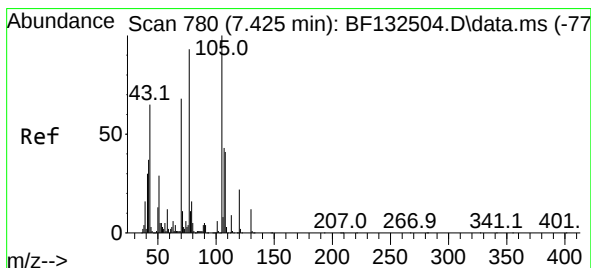
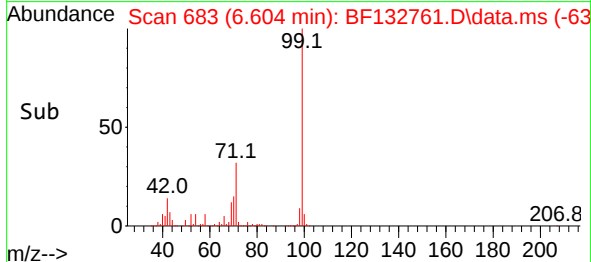
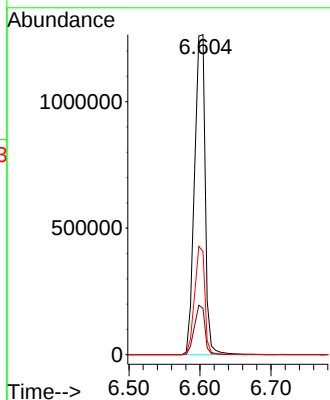
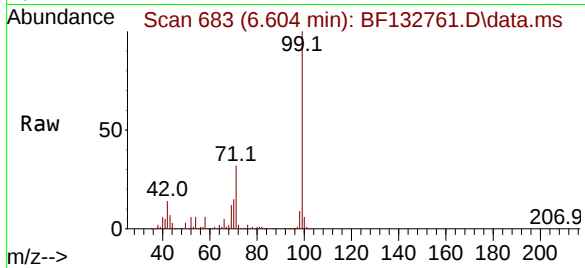


#7
Phenol-d6
Concen: 79.445 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion: 99 Resp: 1330981

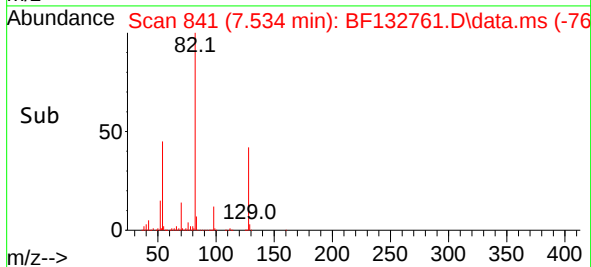
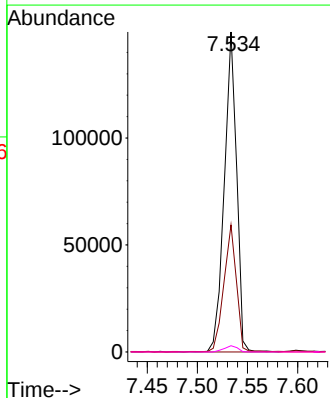
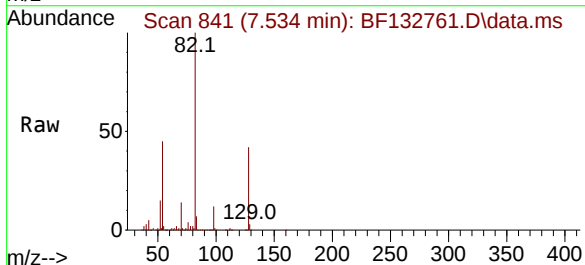
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.9	20.9
71	32.3	28.5	42.7

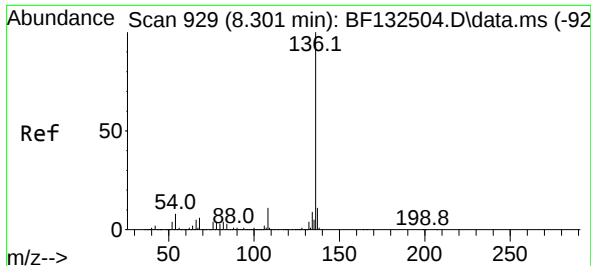


#19
n-Nitroso-di-n-propylamine
Concen: 12.349 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion: 70 Resp: 127330

Ion	Ratio	Lower	Upper
70	100		
42	39.7	44.1	66.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

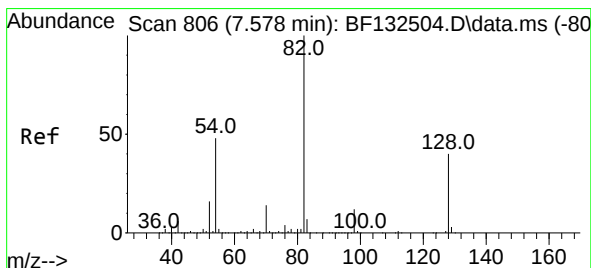
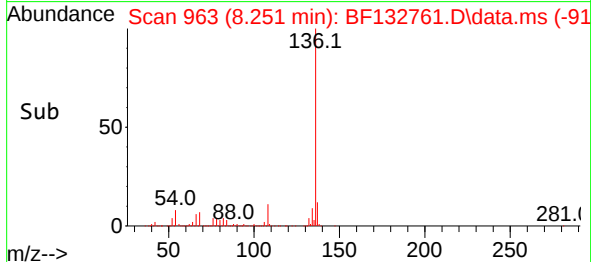
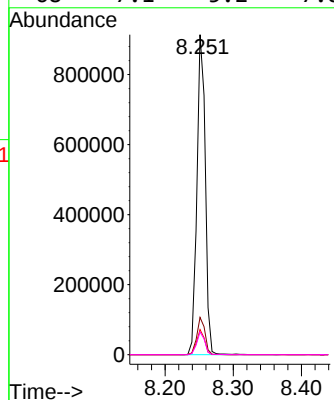
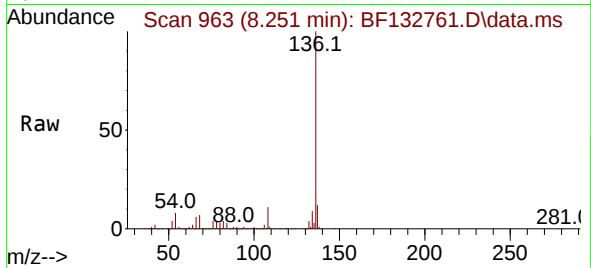




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

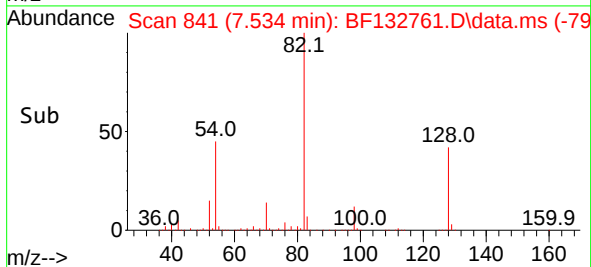
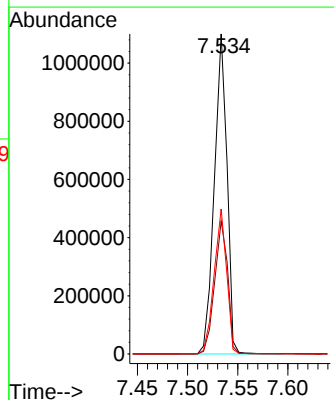
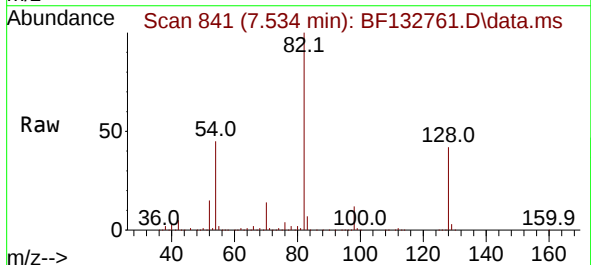
Instrument :
BNA_F
ClientSampleId :
F-1

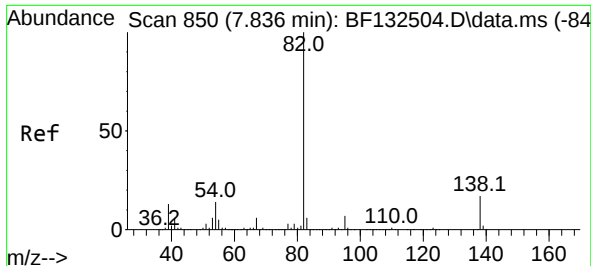
Tgt Ion:136 Resp: 778512
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 7.8 6.2 9.4
68 7.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 58.825 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion: 82 Resp: 965250
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 45.3 38.4 57.6

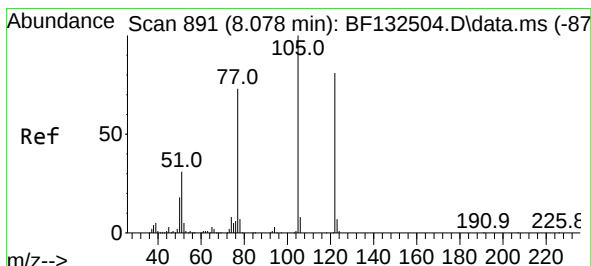
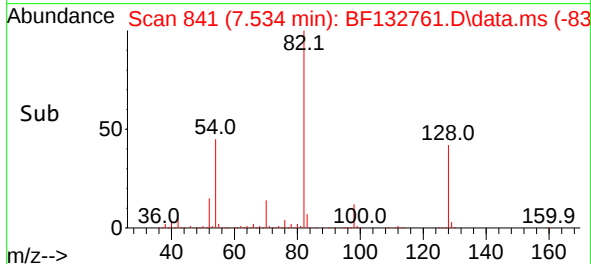
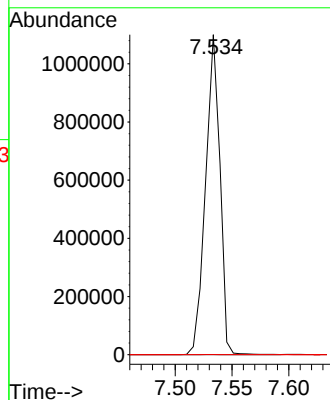
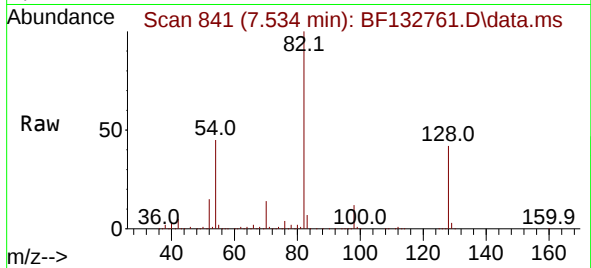




#25
Isophorone
Concen: 30.646 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

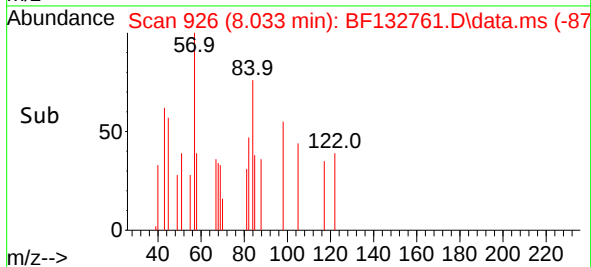
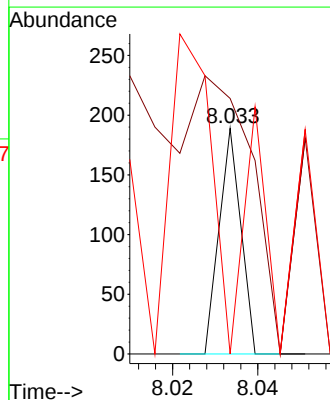
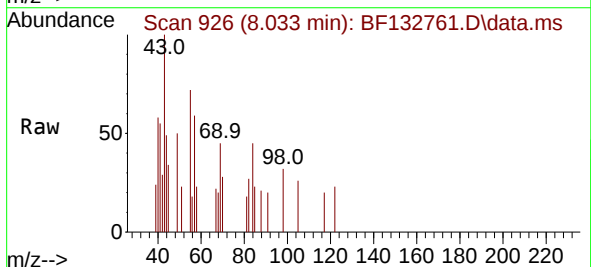
Instrument :
BNA_F
ClientSampleId :
F-1

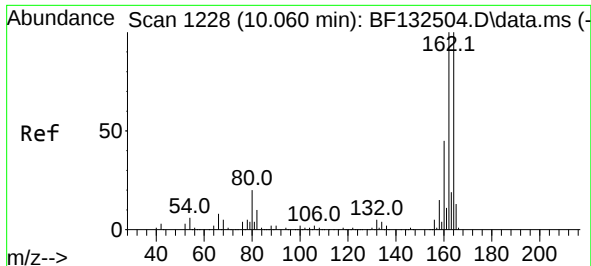
Tgt Ion: 82 Resp: 964130
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.842 ng
RT: 8.033 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 113.2 102.6 142.6
77 0.0 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: BF132761.D

Acq: 13 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

F-1

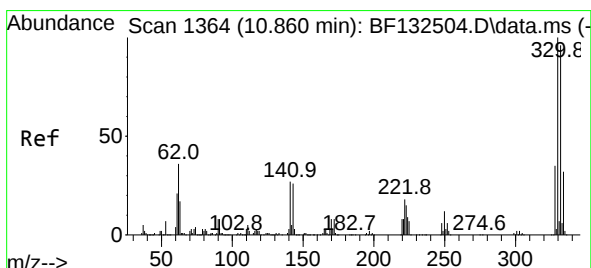
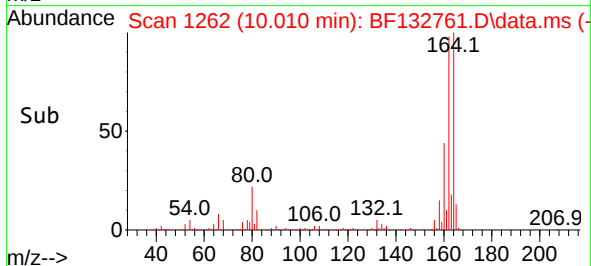
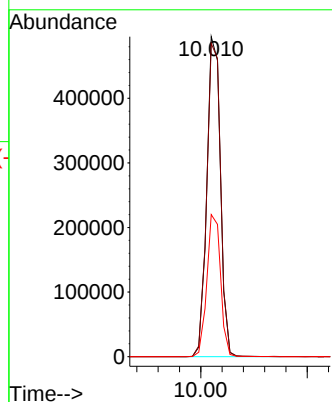
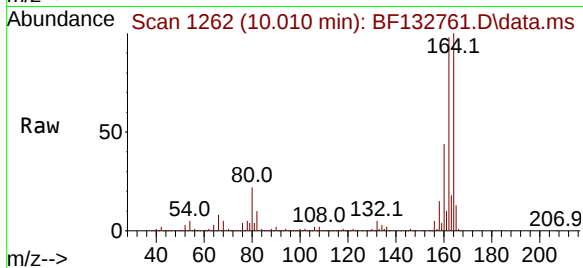
Tgt Ion:164 Resp: 440041

Ion Ratio Lower Upper

164 100

162 97.9 79.8 119.8

160 44.4 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 68.391 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.012 min

Lab File: BF132761.D

Acq: 13 Mar 2023 15:40

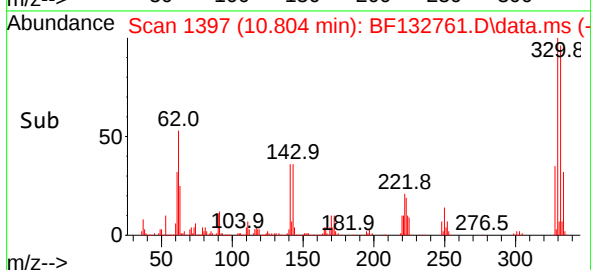
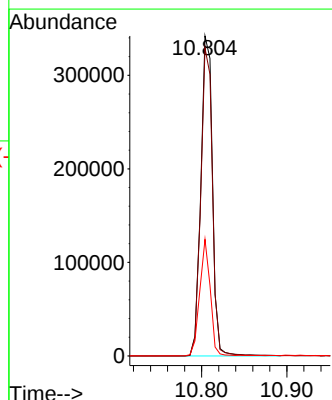
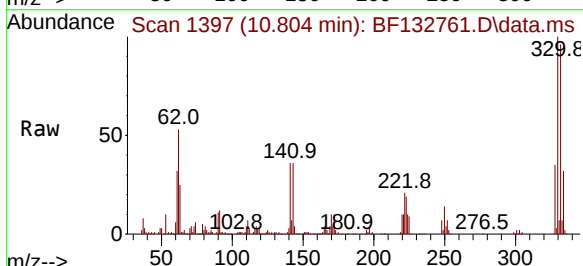
Tgt Ion:330 Resp: 325011

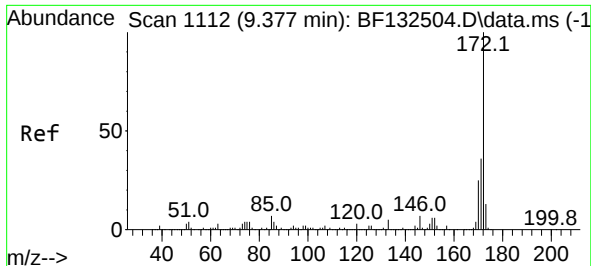
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 33.0 28.4 42.6

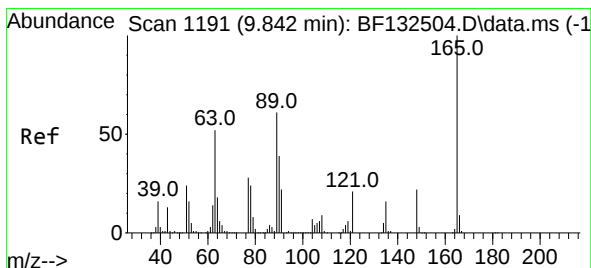
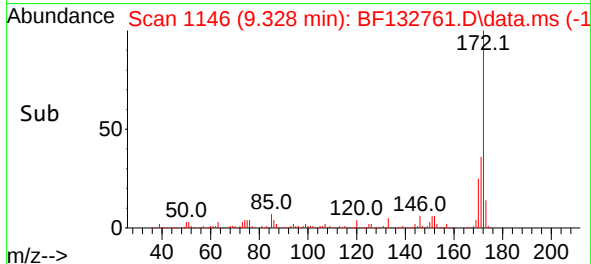
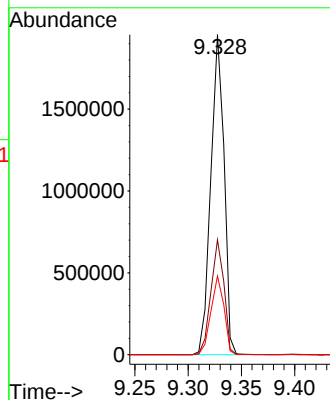
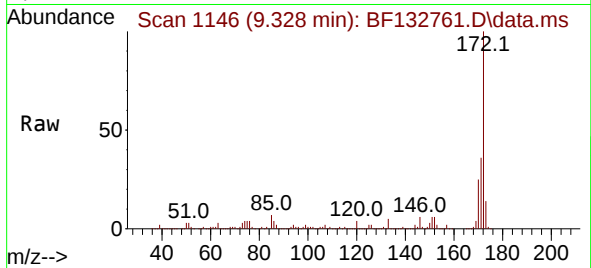




#45
2-Fluorobiphenyl
Concen: 58.606 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

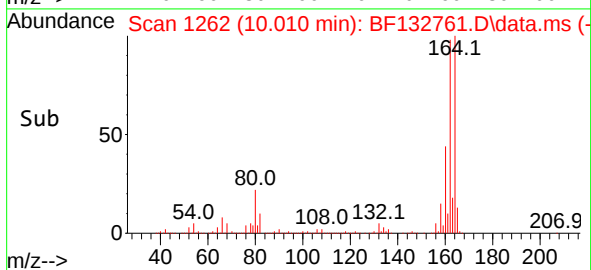
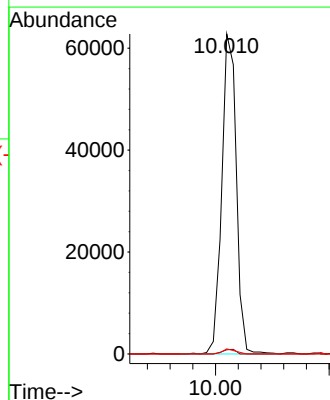
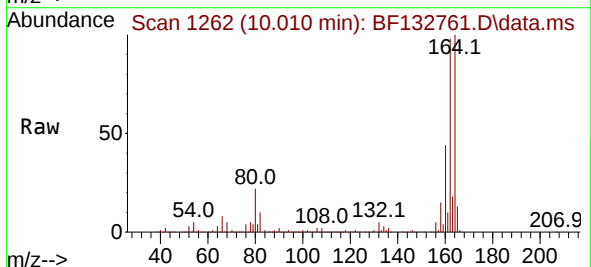
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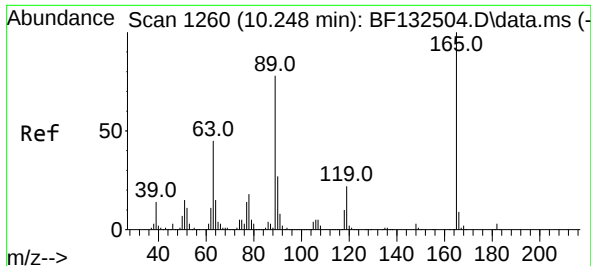
Tgt Ion:172 Resp: 1693691
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.6 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.671 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion:165 Resp: 55974
Ion Ratio Lower Upper
165 100
63 1.3 47.3 70.9#
89 1.6 48.9 73.3#

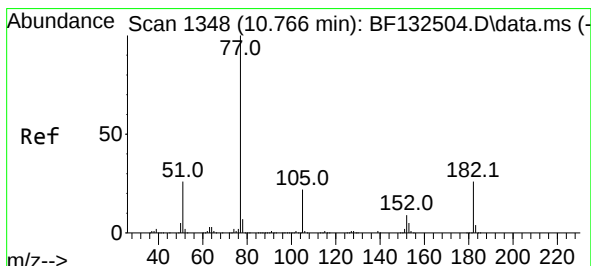
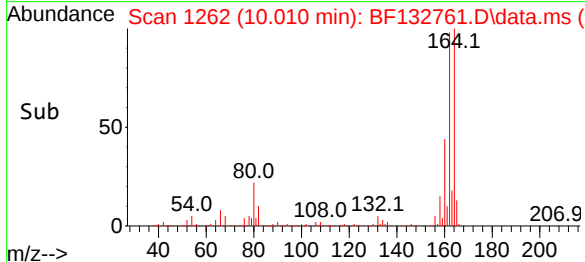
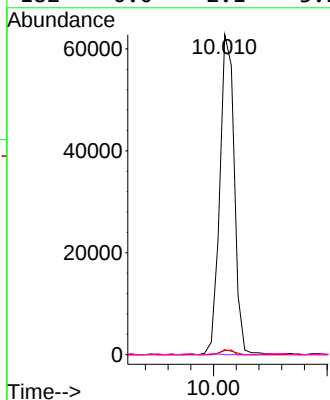
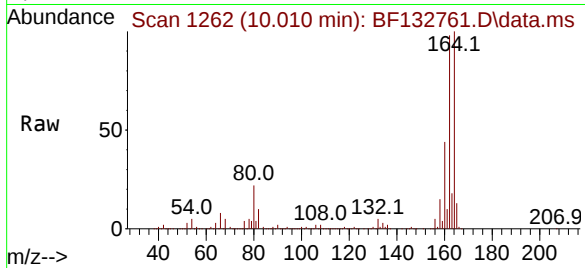




#57
2,4-Dinitrotoluene
Concen: 5.766 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

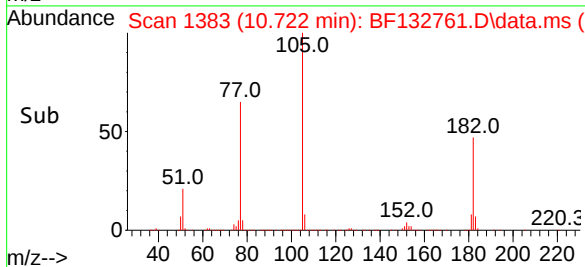
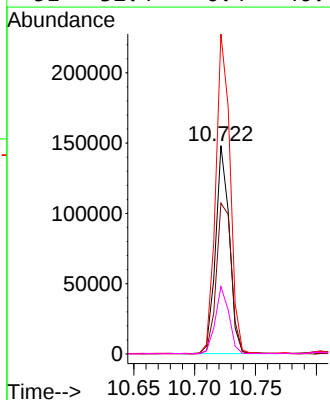
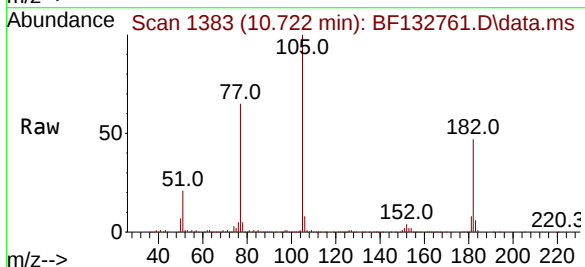
Instrument :
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ClientSampleId :
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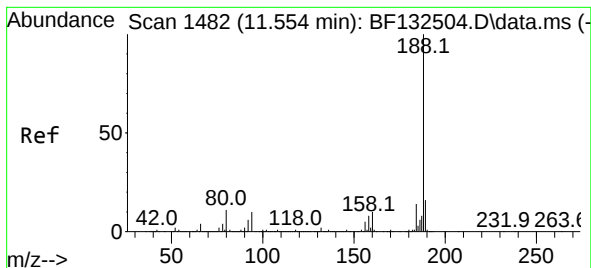
Tgt Ion:165 Resp: 55974
Ion Ratio Lower Upper
165 100
63 1.3 36.5 54.7#
89 1.6 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.511 ng
RT: 10.722 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion: 77 Resp: 116358
Ion Ratio Lower Upper
77 100
182 72.4 5.5 45.5#
105 153.7 1.8 41.8#
51 32.4 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: BF132761.D

Acq: 13 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

F-1

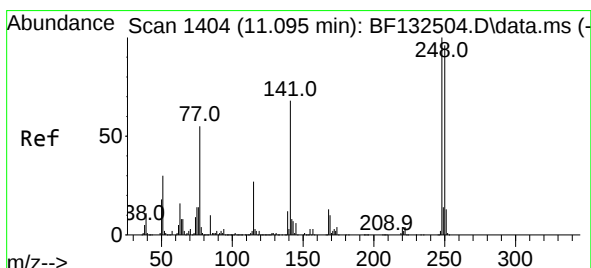
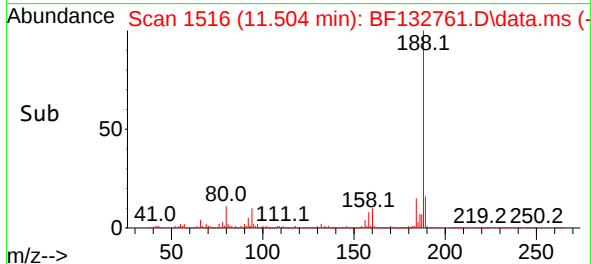
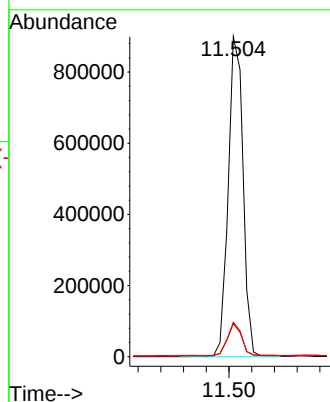
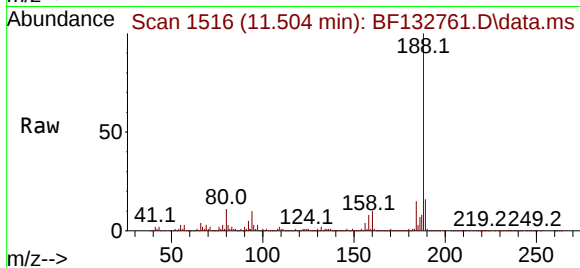
Tgt Ion:188 Resp: 814300

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 10.8 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 2.323 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.247 min

Lab File: BF132761.D

Acq: 13 Mar 2023 15:40

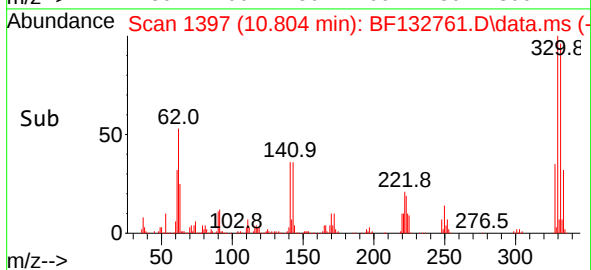
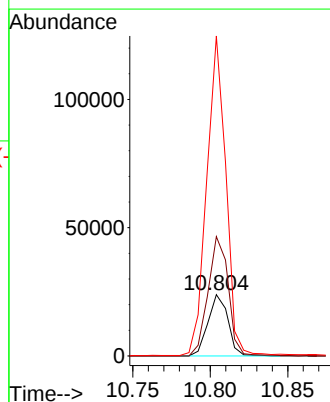
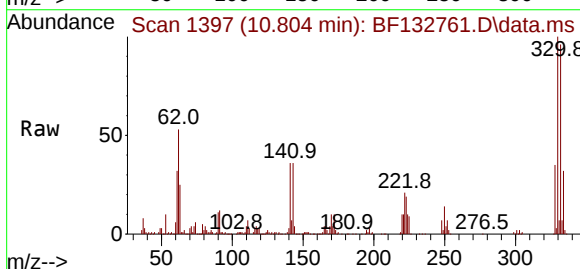
Tgt Ion:248 Resp: 21397

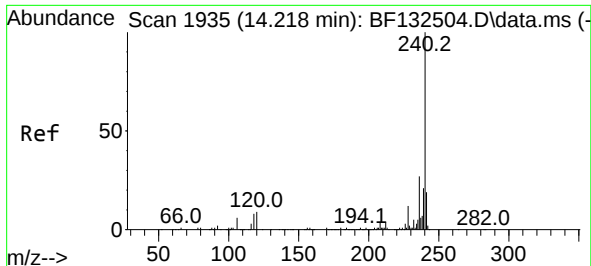
Ion Ratio Lower Upper

248 100

250 194.9 77.0 115.4#

141 522.7 54.2 81.2#

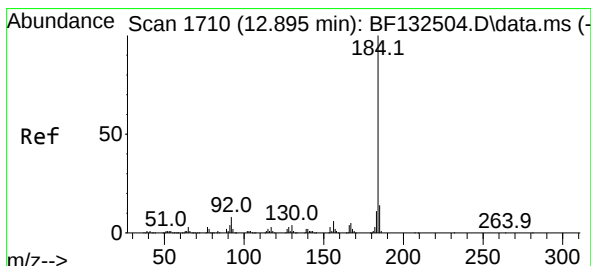
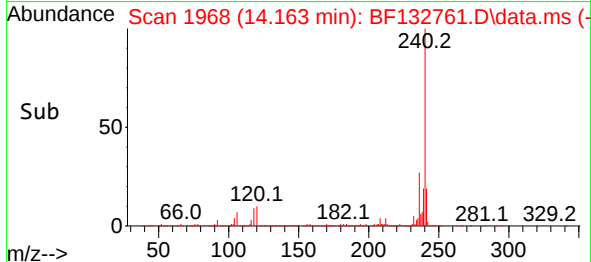
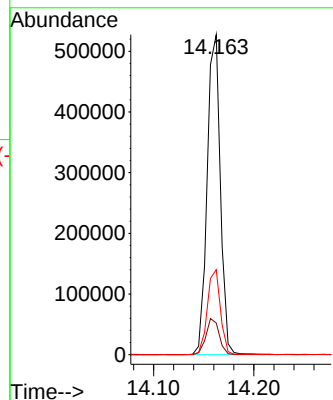
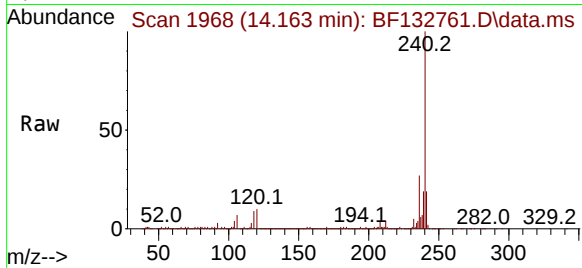




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

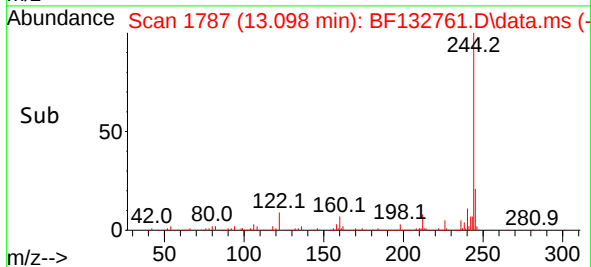
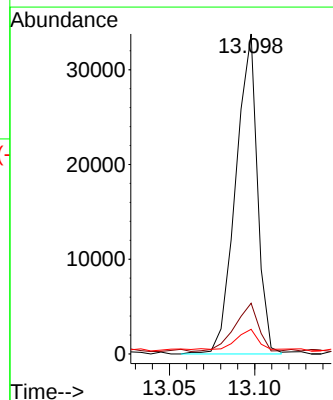
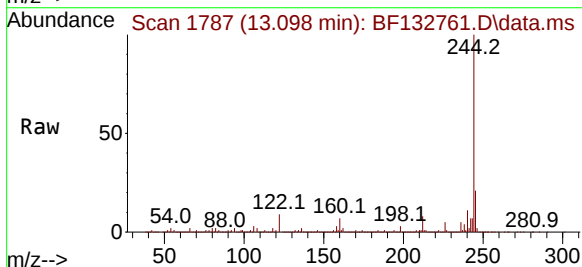
Instrument :
BNA_F
ClientSampleId :
F-1

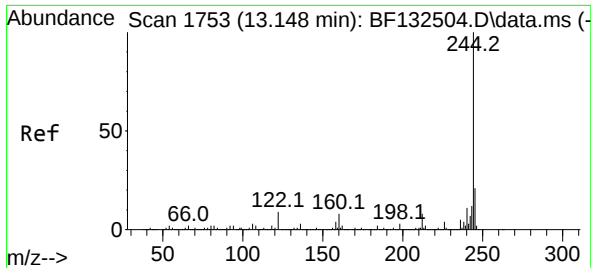
Tgt Ion:240 Resp: 484827
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 26.5 21.8 32.6



#77
Benzidine
Concen: 2.534 ng
RT: 13.098 min Scan# 1787
Delta R.T. 0.247 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion:184 Resp: 29902
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 7.7 8.7 13.1#

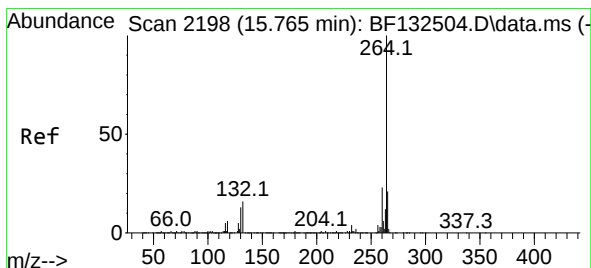
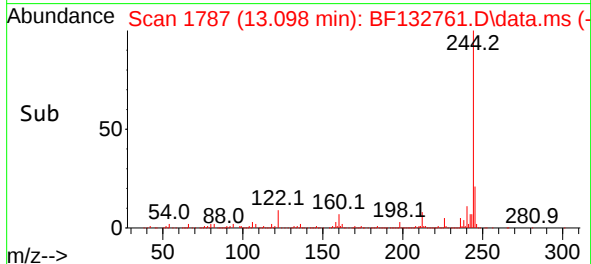
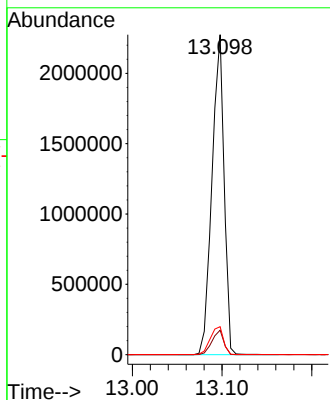
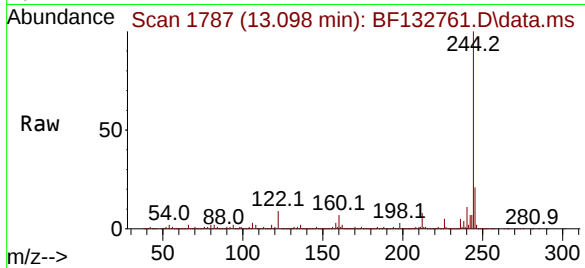




#79
 Terphenyl-d14
 Concen: 74.367 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132761.D
 Acq: 13 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 F-1

Tgt Ion:244 Resp: 2132506
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.8 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: BF132761.D
 Acq: 13 Mar 2023 15:40

Tgt Ion:264 Resp: 457589
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.3 17.1 25.7

