

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135843.D
 Acq On : 18 Oct 2023 13:02
 Operator : CG\JU
 Sample : 04858-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 18 19:28:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

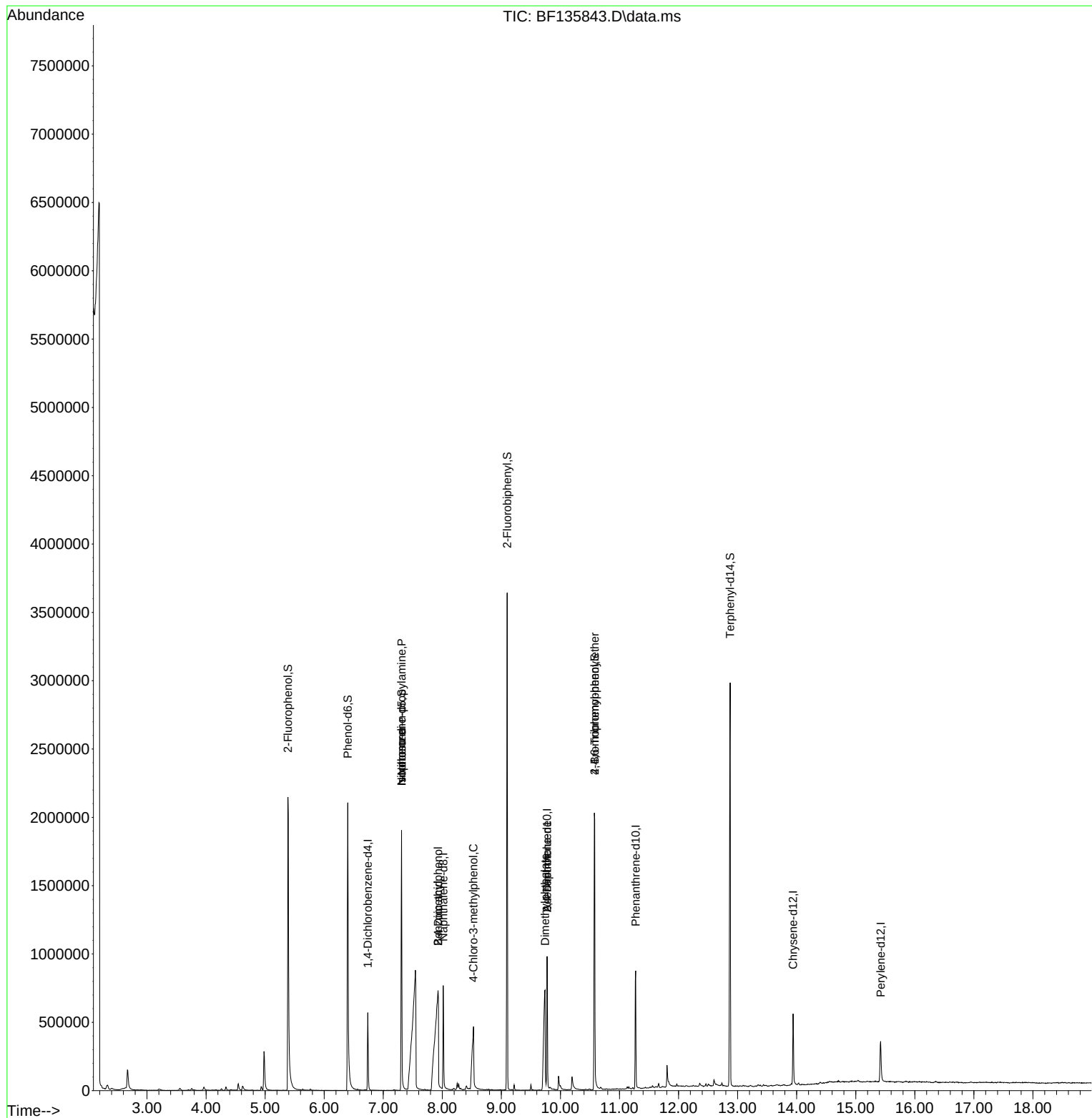
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	80629	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	321935	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179148	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	334865	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	179241	20.000	ng	-0.01
86) Perylene-d12	15.421	264	166998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	722661	144.099	ng	0.01
7) Phenol-d6	6.398	99	762122	121.796	ng	0.00
23) Nitrobenzene-d5	7.310	82	562777	96.145	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	279548	162.616	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1054191	92.004	ng	0.00
79) Terphenyl-d14	12.874	244	1117434	115.453	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	74916	19.363	ng	# 76
25) Isophorone	7.310	82	562777	50.963	ng	# 66
27) 2,4-Dimethylphenol	7.928	122	567951	120.338	ng	# 6
32) Benzoic acid	7.928	122	579857	181.505	ng	97
36) 4-Chloro-3-methylphenol	8.528	107	11049	2.253	ng	# 21
50) Dimethylphthalate	9.739	163	420994	34.811	ng	# 95
57) 2,4-Dinitrotoluene	9.775	165	22850	6.906	ng	# 24
67) 4-Bromophenyl-phenylether	10.580	248	17096	5.086	ng	# 1

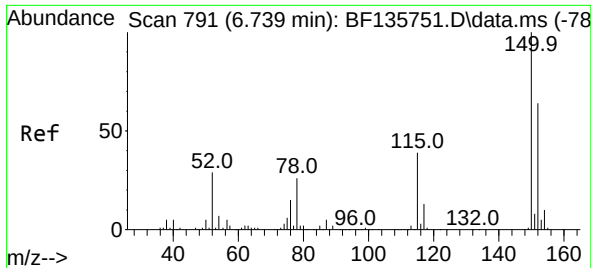
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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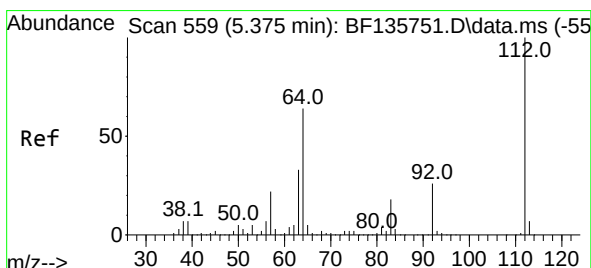
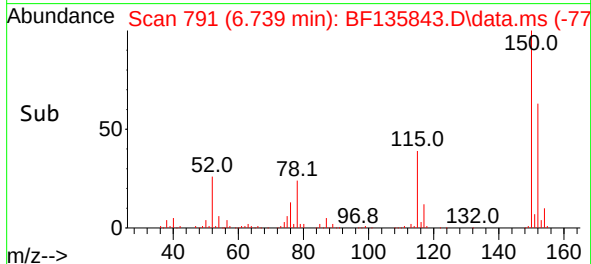
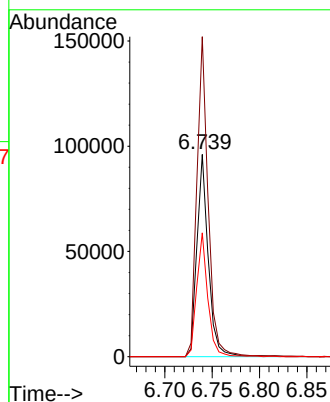
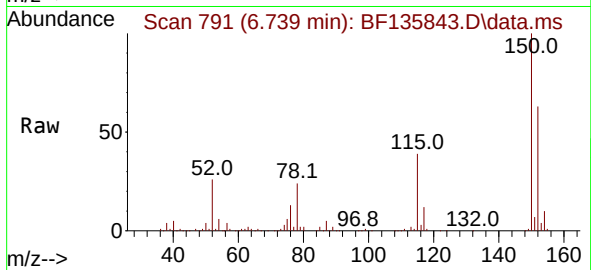




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

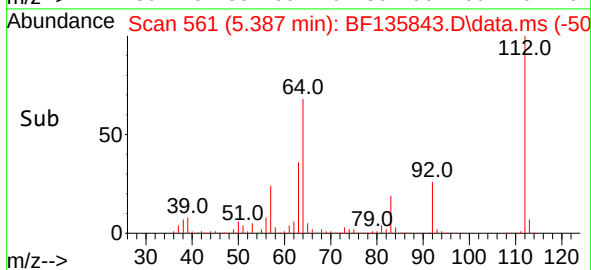
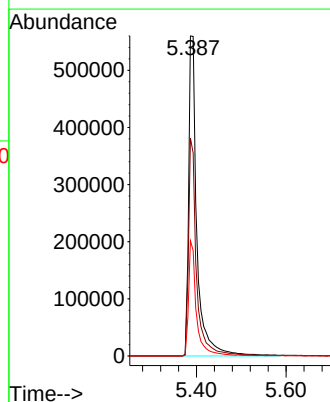
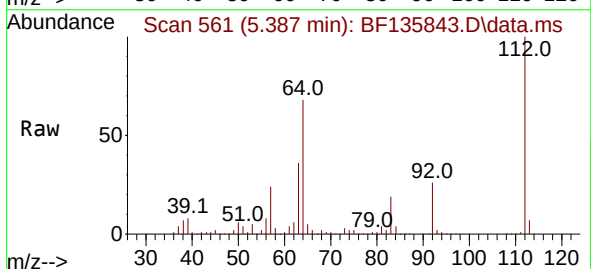
Instrument :
BNA_F
ClientSampleId :
WC-2

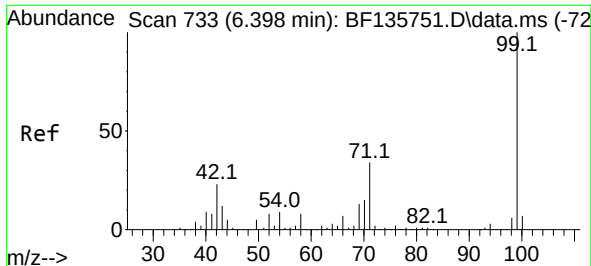
Tgt Ion:152 Resp: 80629
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 144.099 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion:112 Resp: 722661
Ion Ratio Lower Upper
112 100
64 68.1 51.2 76.8
63 36.0 26.1 39.1

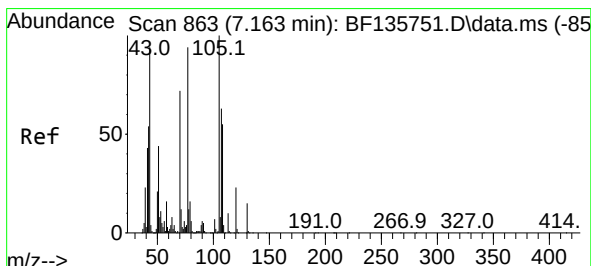
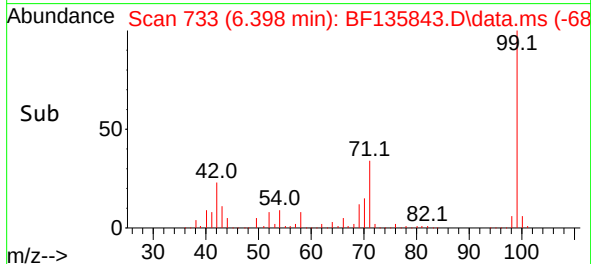
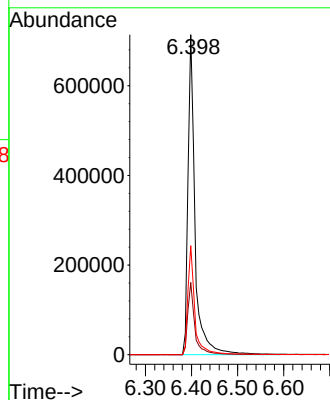
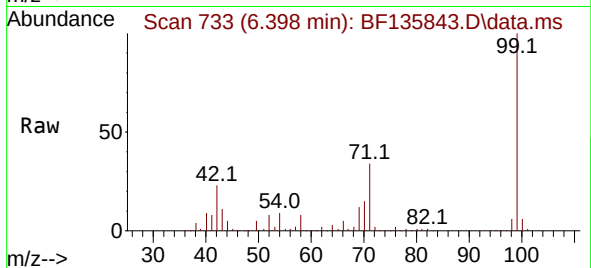




#7
Phenol-d6
Concen: 121.796 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

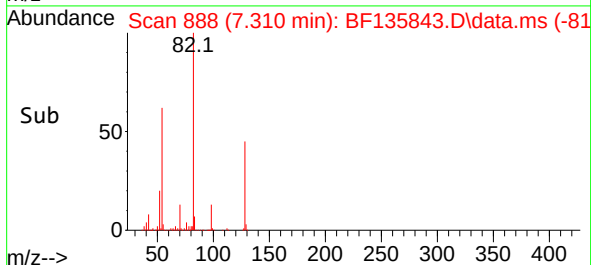
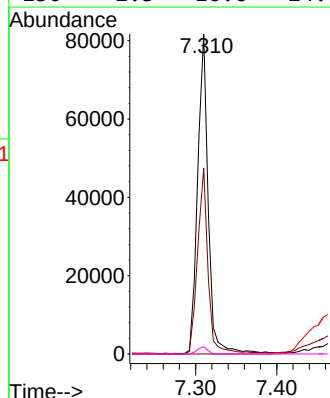
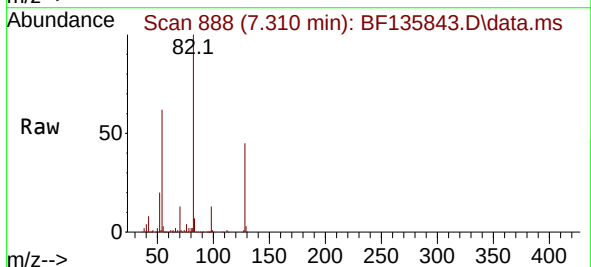
Instrument :
BNA_F
ClientSampleId :
WC-2

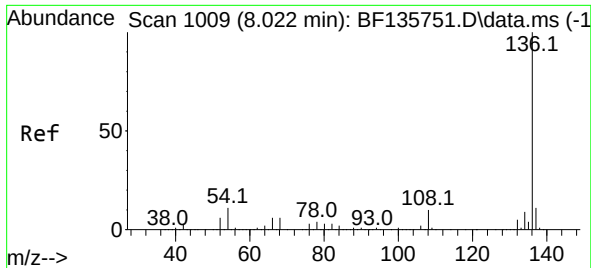
Tgt Ion: 99 Resp: 762122
Ion Ratio Lower Upper
99 100
42 22.6 18.4 27.6
71 34.0 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.363 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 70 Resp: 74916
Ion Ratio Lower Upper
70 100
42 58.0 59.8 89.6#
101 0.0 7.4 11.2#
130 2.3 16.6 24.8#

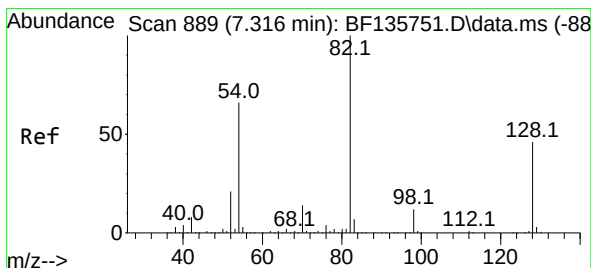
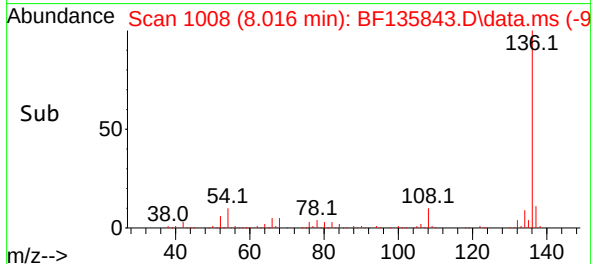
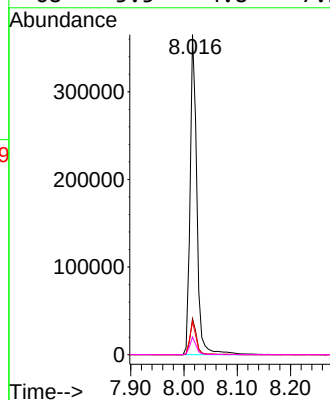
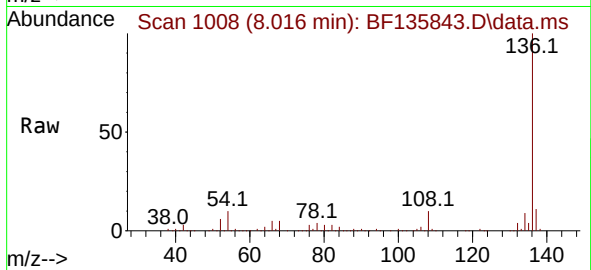




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

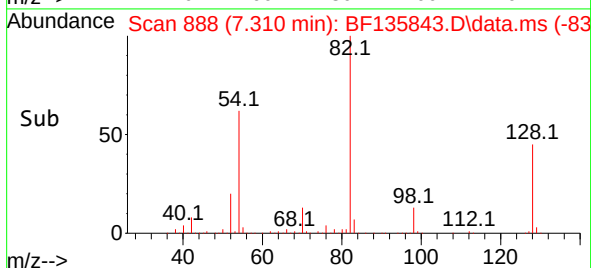
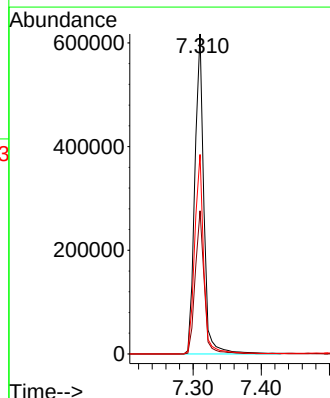
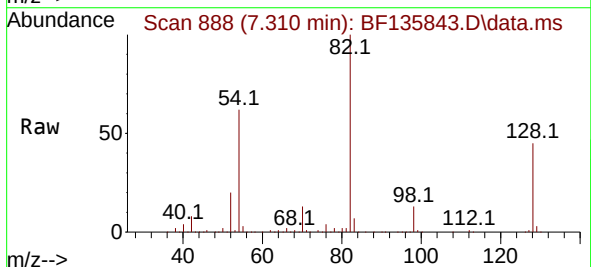
Instrument :
BNA_F
ClientSampleId :
WC-2

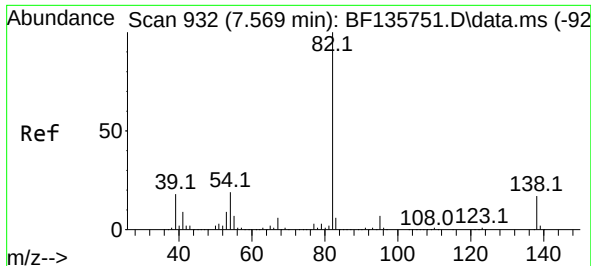
Tgt Ion	136	Resp: Lower	321935 Upper
136	100		
137	11.3	8.6	12.8
54	10.2	8.5	12.7
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.145 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 82	Resp: 562777
Ion Ratio	Lower Upper
82 100	
128 44.7	37.0 55.6
54 62.3	52.8 79.2

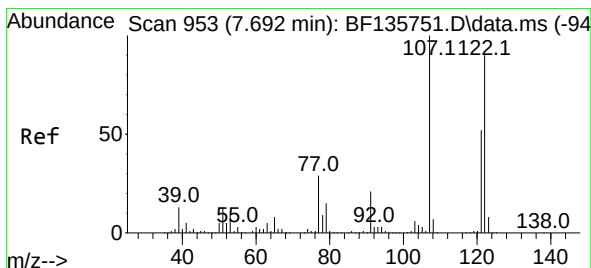
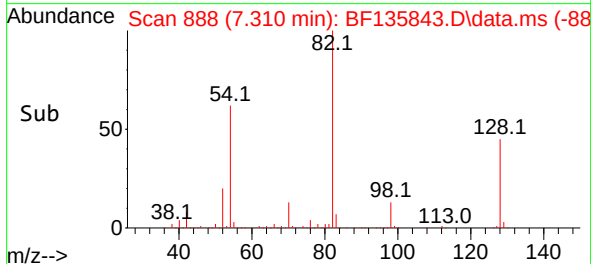
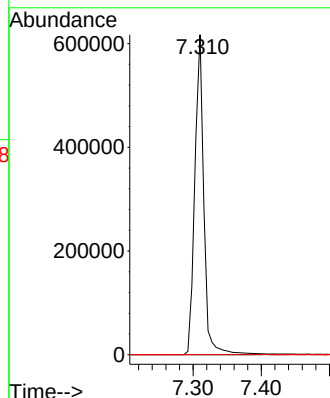
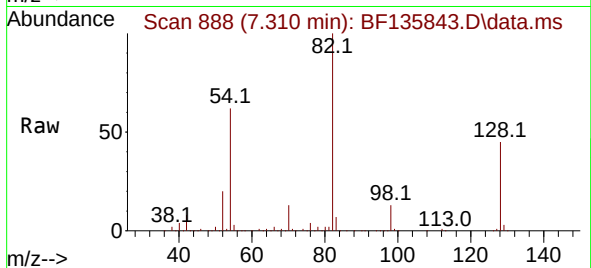




#25
Isophorone
Concen: 50.963 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

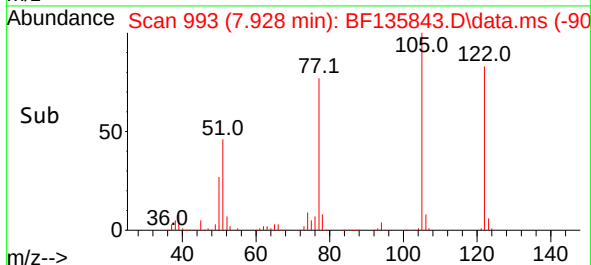
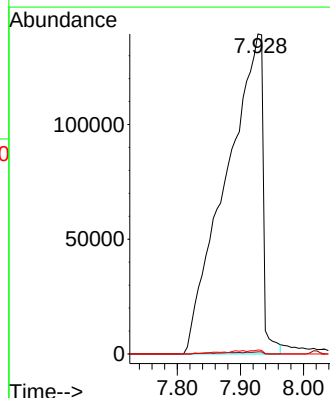
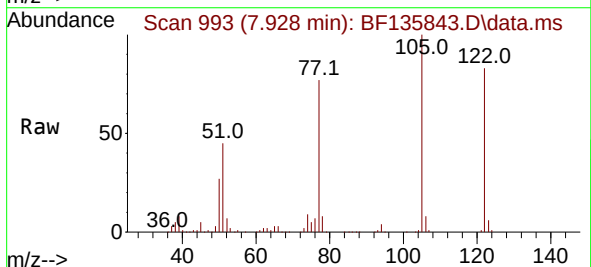
Instrument :
BNA_F
ClientSampleId :
WC-2

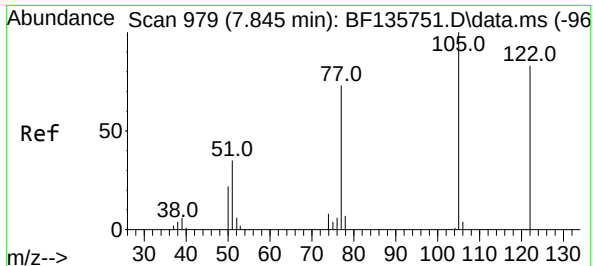
Tgt Ion: 82 Resp: 562777
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#27
2,4-Dimethylphenol
Concen: 120.338 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.235 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 122 Resp: 567951
Ion Ratio Lower Upper
122 100
107 0.7 88.2 132.4#
121 1.3 45.5 68.3#





#32

Benzoic acid

Concen: 181.505 ng

RT: 7.928 min Scan# 91

Delta R.T. 0.076 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

Instrument :

BNA_F

ClientSampleId :

WC-2

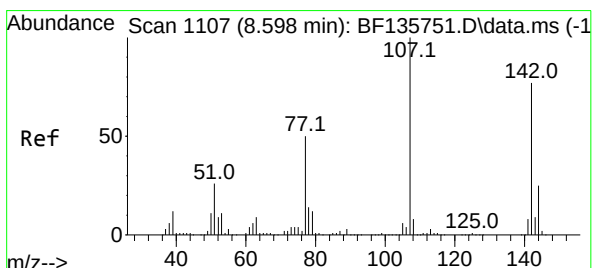
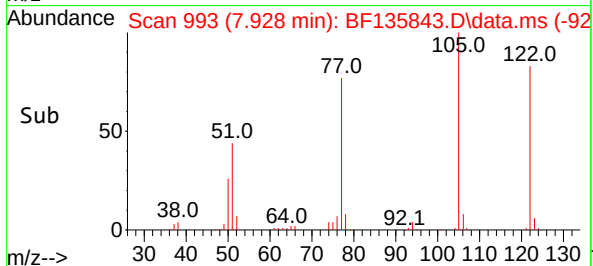
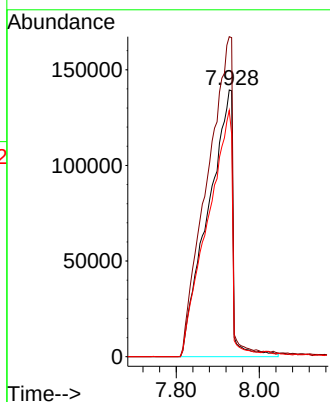
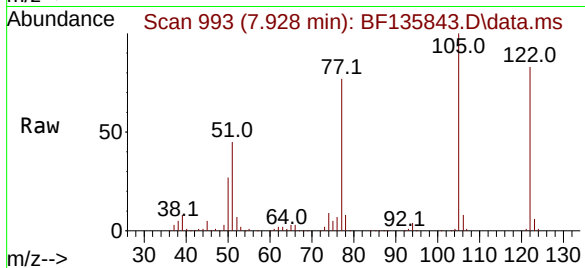
Tgt Ion:122 Resp: 579857

Ion Ratio Lower Upper

122 100

105 120.0 98.7 138.7

77 92.3 67.8 107.8



#36

4-Chloro-3-methylphenol

Concen: 2.253 ng

RT: 8.528 min Scan# 1095

Delta R.T. -0.071 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

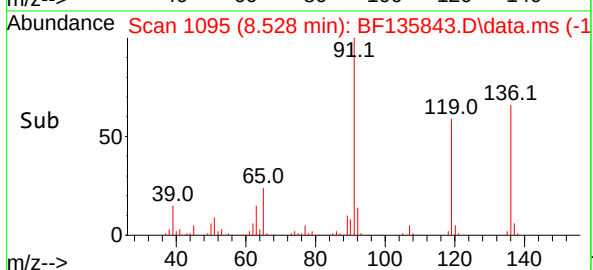
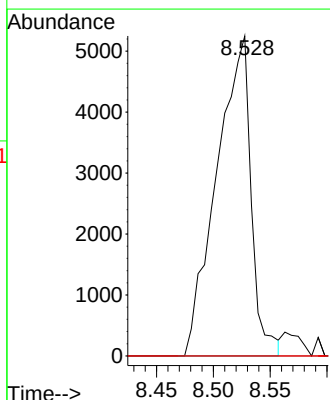
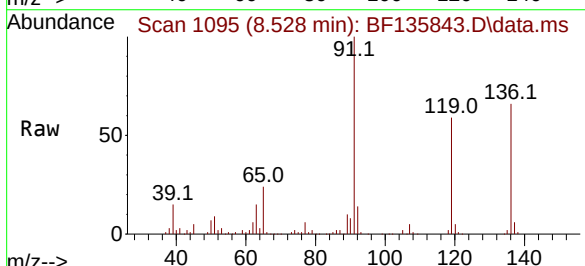
Tgt Ion:107 Resp: 11049

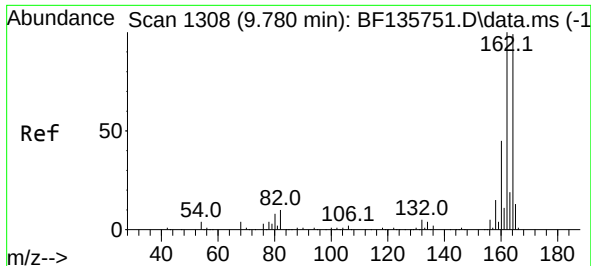
Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.8#

142 0.0 61.3 91.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

Instrument :

BNA_F

ClientSampleId :

WC-2

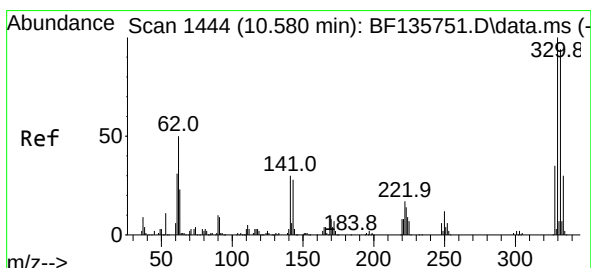
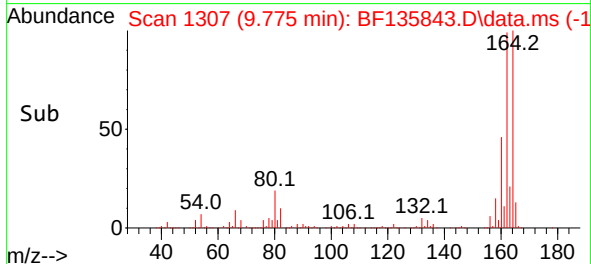
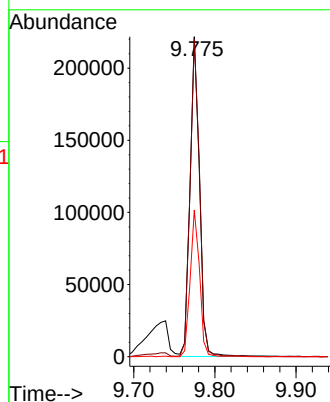
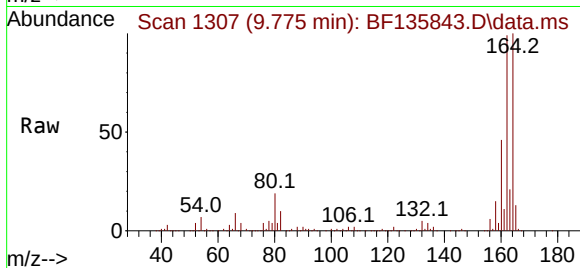
Tgt Ion:164 Resp: 179148

Ion Ratio Lower Upper

164 100

162 99.2 80.8 121.2

160 45.9 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 162.616 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

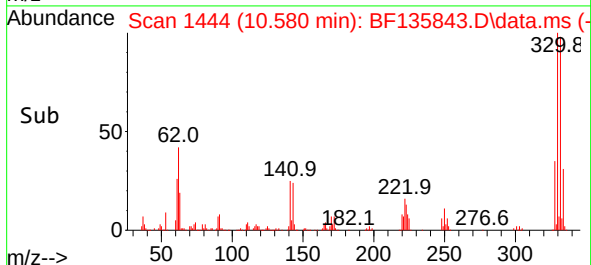
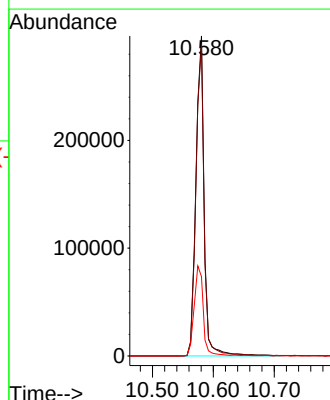
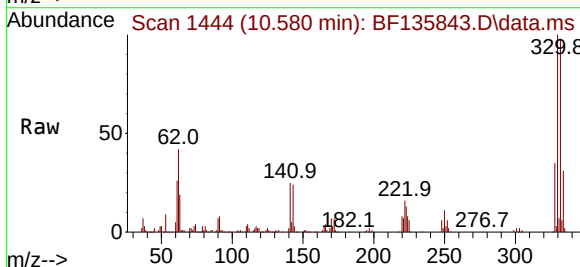
Tgt Ion:330 Resp: 279548

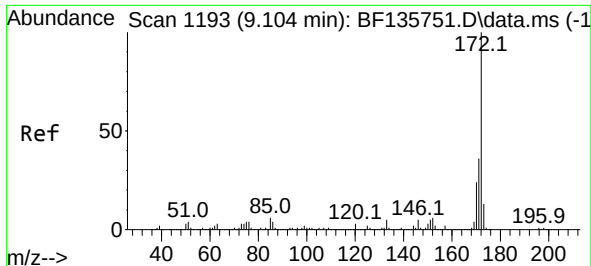
Ion Ratio Lower Upper

330 100

332 96.9 75.0 112.4

141 30.7 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 92.004 ng

RT: 9.098 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

Instrument :

BNA_F

ClientSampleId :

WC-2

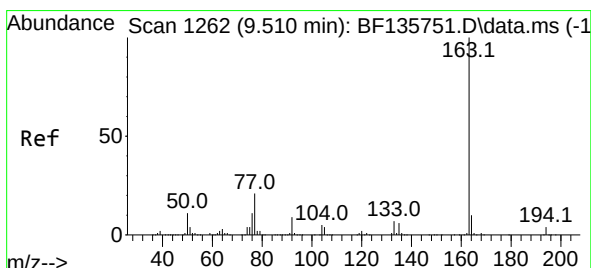
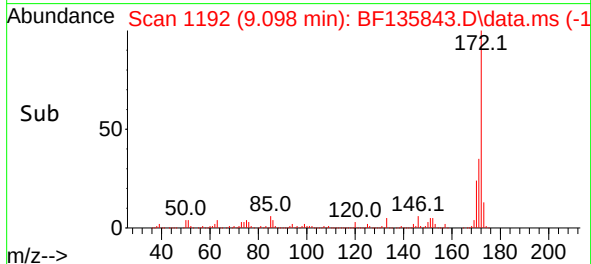
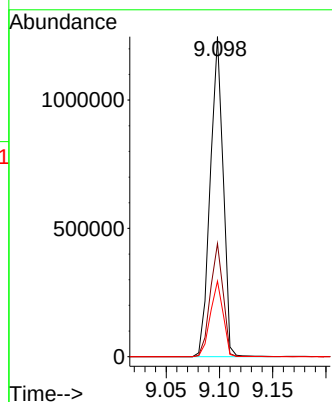
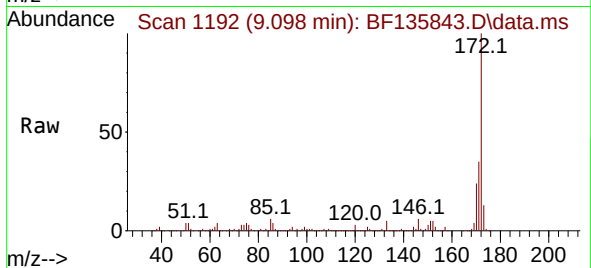
Tgt Ion:172 Resp: 1054191

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.8 28.2



#50

Dimethylphthalate

Concen: 34.811 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.229 min

Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

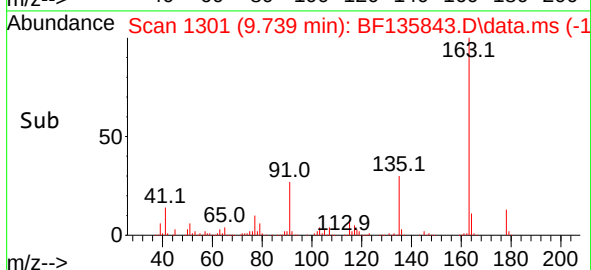
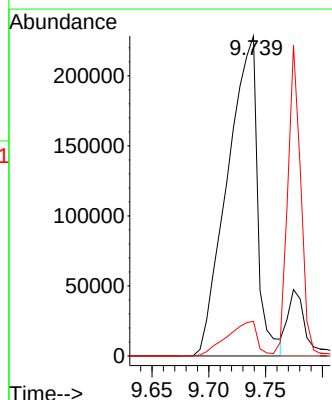
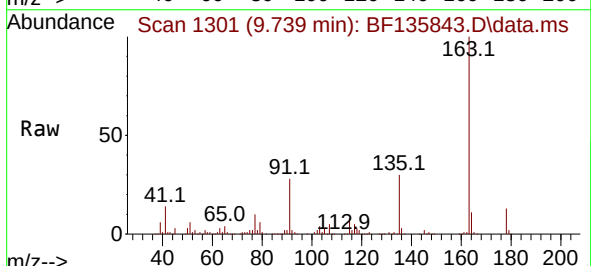
Tgt Ion:163 Resp: 420994

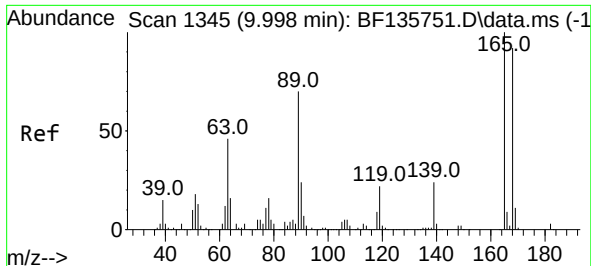
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8

164 10.9 7.9 11.9

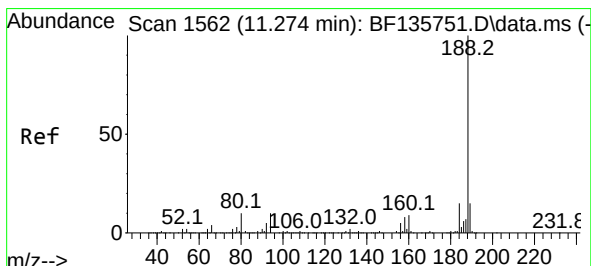
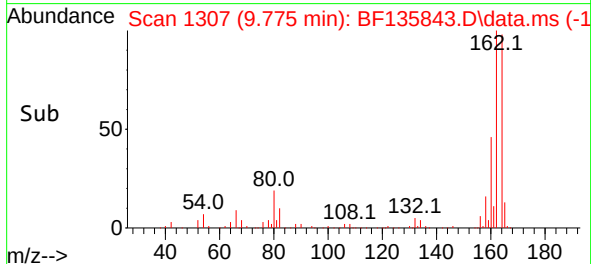
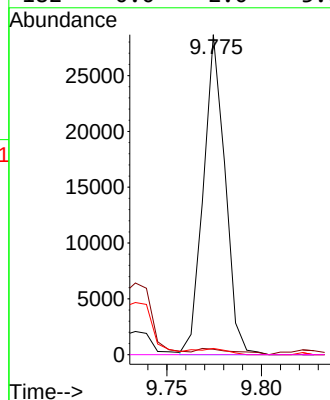
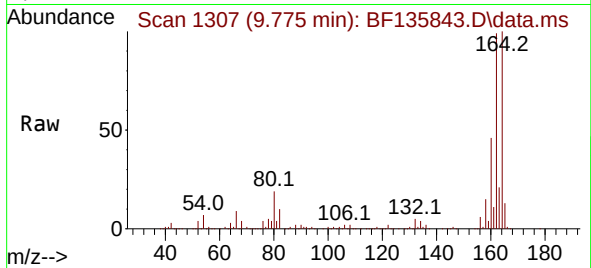




#57
2,4-Dinitrotoluene
Concen: 6.906 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

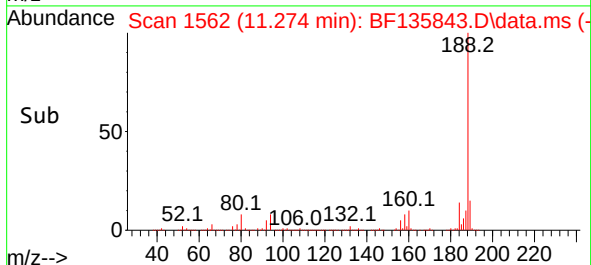
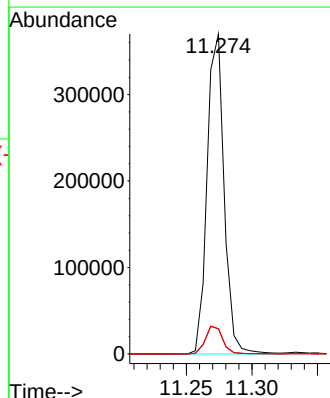
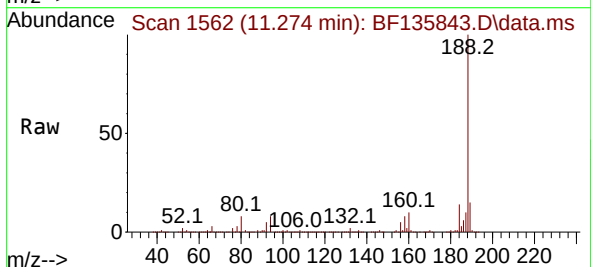
Instrument :
BNA_F
ClientSampleId :
WC-2

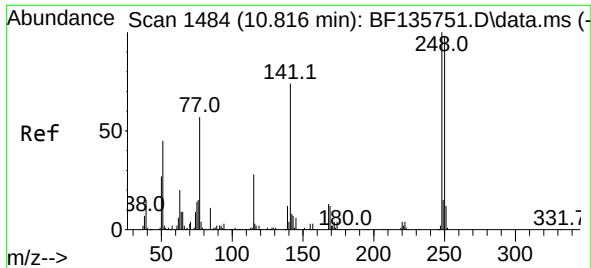
Tgt Ion:165 Resp: 22850
Ion Ratio Lower Upper
165 100
63 1.7 39.0 58.4#
89 2.0 55.9 83.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion:188 Resp: 334865
Ion Ratio Lower Upper
188 100
94 7.8 8.0 12.0#
80 7.9 8.3 12.5#

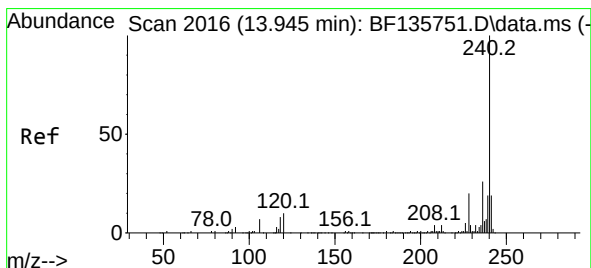
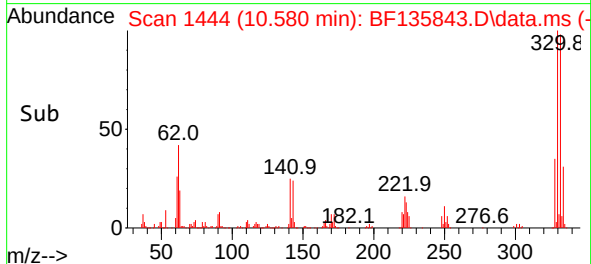
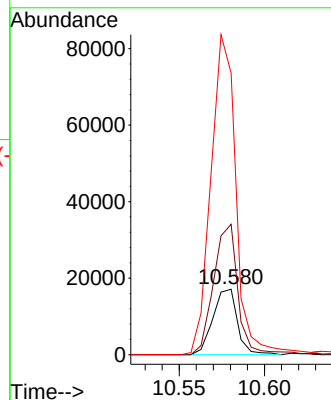
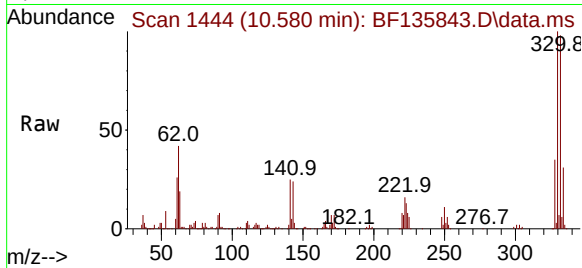




#67
4-Bromophenyl-phenylether
Concen: 5.086 ng
RT: 10.580 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

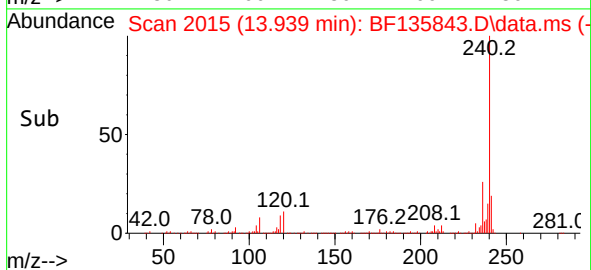
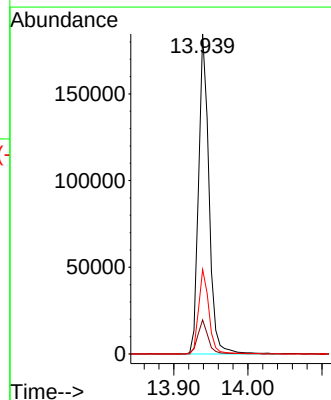
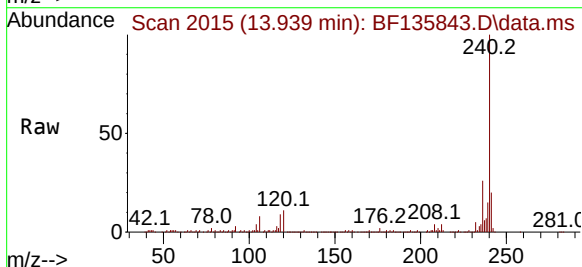
Instrument :
BNA_F
ClientSampleId :
WC-2

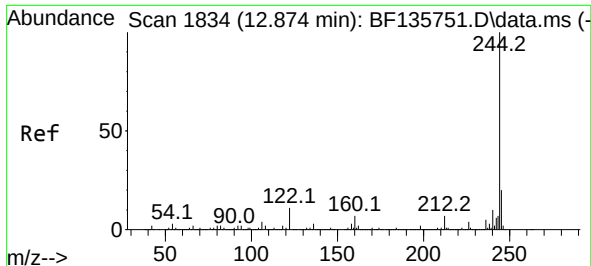
Tgt Ion:248 Resp: 17096
Ion Ratio Lower Upper
248 100
250 199.3 78.0 117.0#
141 430.4 59.0 88.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Tgt Ion:240 Resp: 179241
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 26.4 21.2 31.8

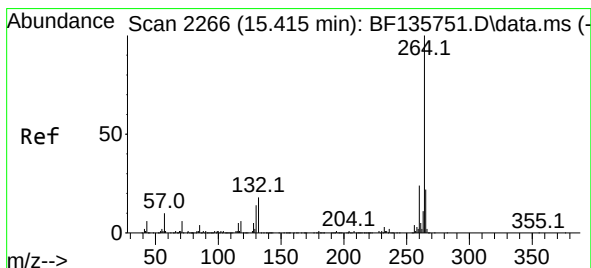
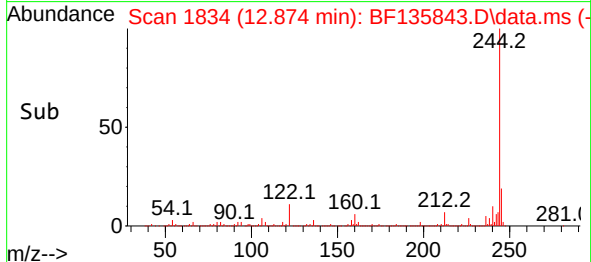
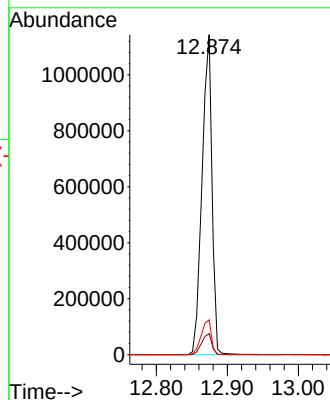
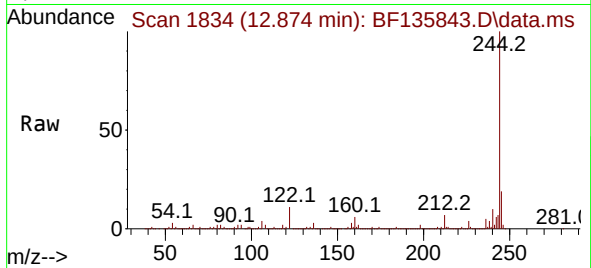




#79
 Terphenyl-d14
 Concen: 115.453 ng
 RT: 12.874 min Scan# 1117434
 Delta R.T. -0.006 min
 Lab File: BF135843.D
 Acq: 18 Oct 2023 13:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1117434
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135843.D
 Acq: 18 Oct 2023 13:02

Tgt Ion:264 Resp: 166998
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.8 17.4 26.2

