

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 :

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)

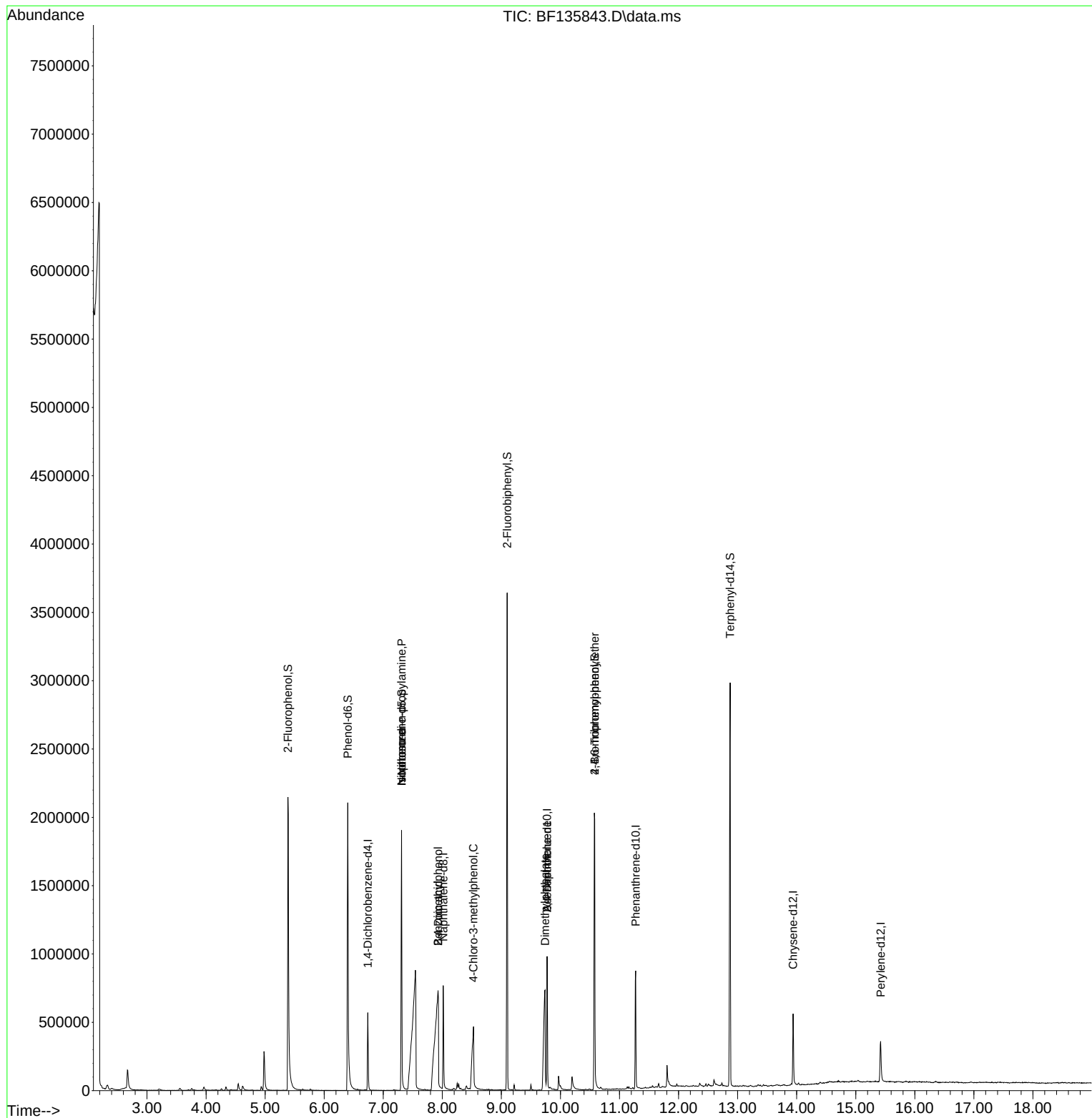
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	80629	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	321935	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179148	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	334865	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	179241	20.000	ng	-0.01
86) Perylene-d12	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

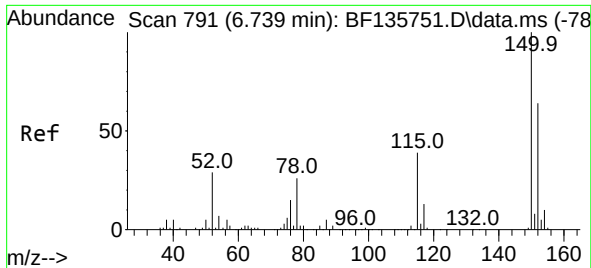
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

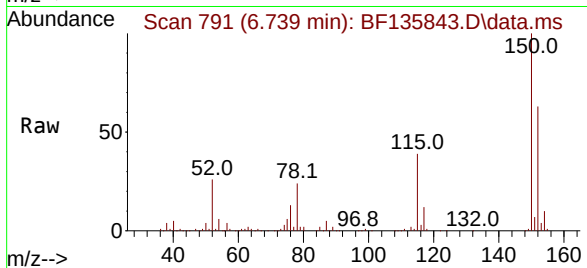
Quant Time: Oct 18 19:28:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration



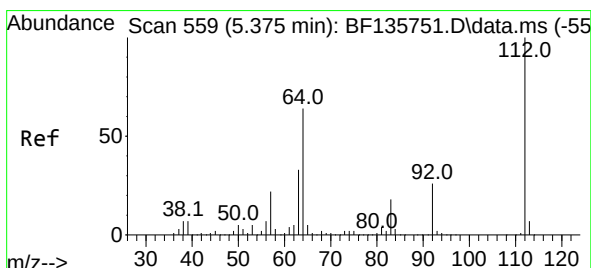
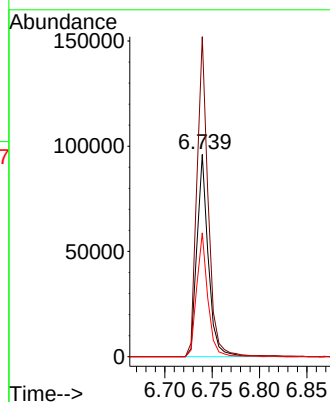
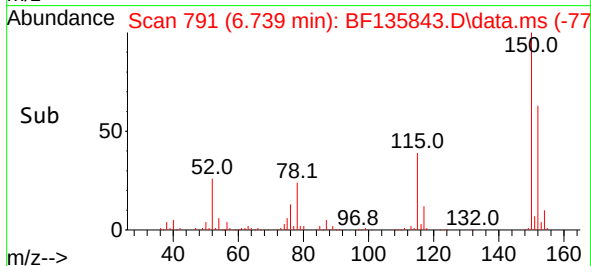


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135843.D
 Acq: 18 Oct 2023 13:02

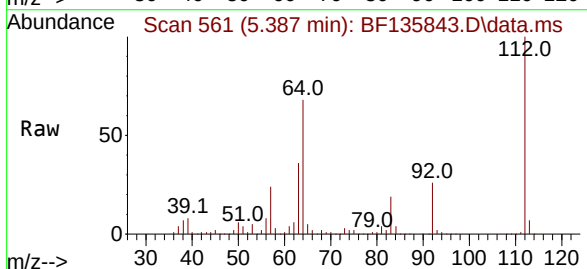
Instrument :
 BNA_F
 ClientSampleId :



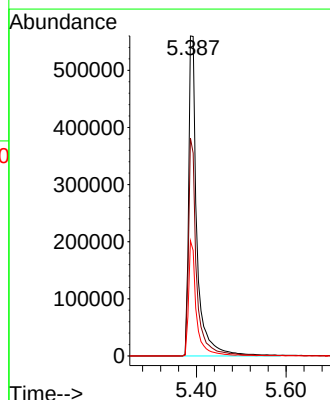
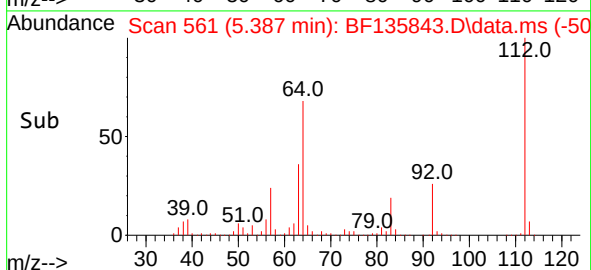
Tgt Ion:152 Resp: 80629
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.5 186.7
 115 61.2 49.0 73.4

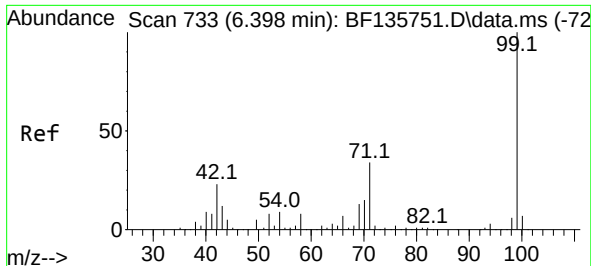


#5
 2-Fluorophenol
 Concen: 144.099 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.012 min
 Lab File: BF135843.D
 Acq: 18 Oct 2023 13:02



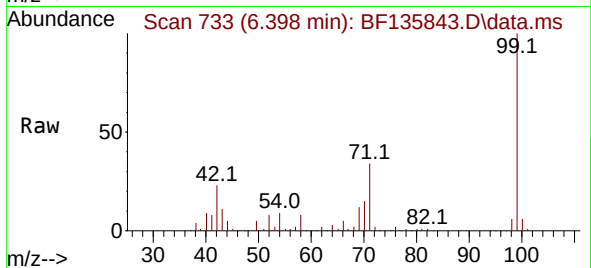
Tgt Ion:112 Resp: 722661
 Ion Ratio Lower Upper
 112 100
 64 68.1 51.2 76.8
 63 36.0 26.1 39.1





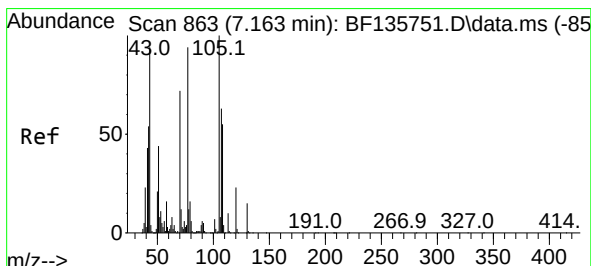
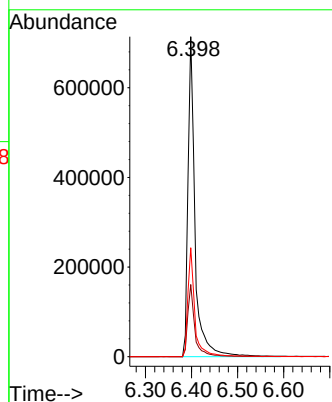
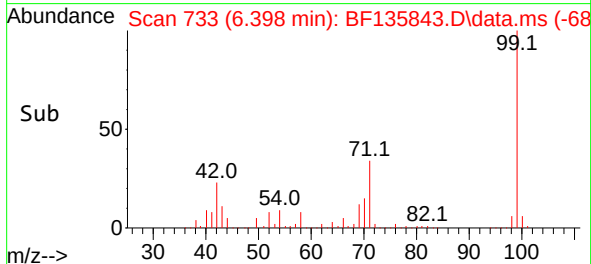
#7
Phenol-d6
Concen: 121.796 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Instrument :
BNA_F
ClientSampleId :

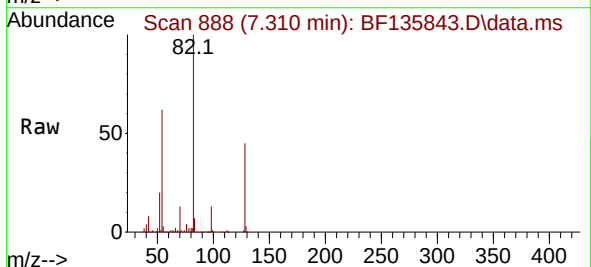


Tgt Ion: 99 Resp: 762122

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.4	27.6
71	34.0	27.2	40.8

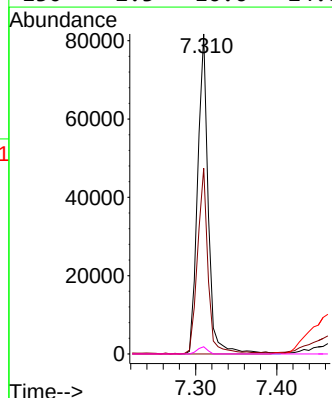
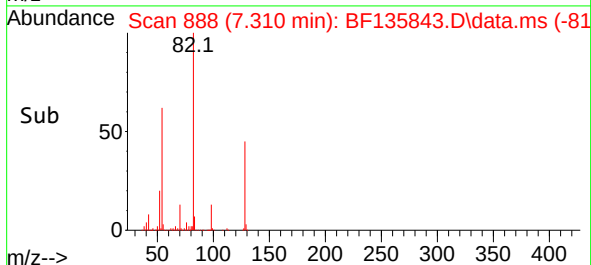


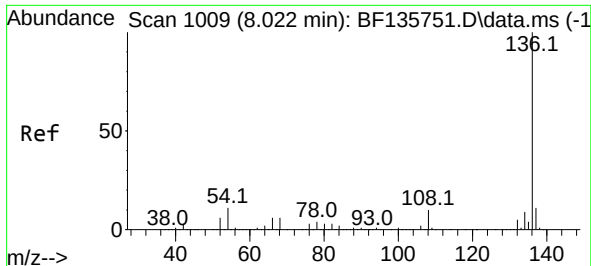
#19
n-Nitroso-di-n-propylamine
Concen: 19.363 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02



Tgt Ion: 70 Resp: 74916

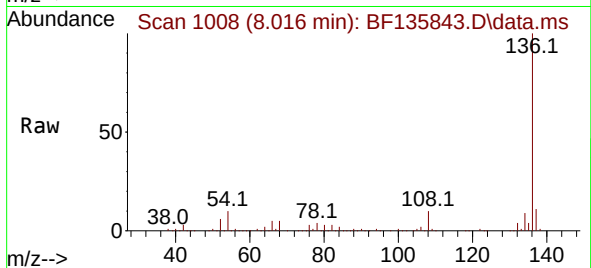
Ion	Ratio	Lower	Upper
70	100		
42	58.0	59.8	89.6#
101	0.0	7.4	11.2#
130	2.3	16.6	24.8#



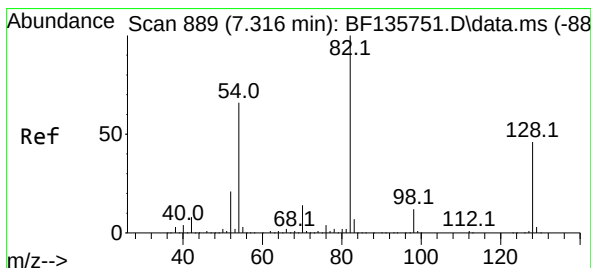
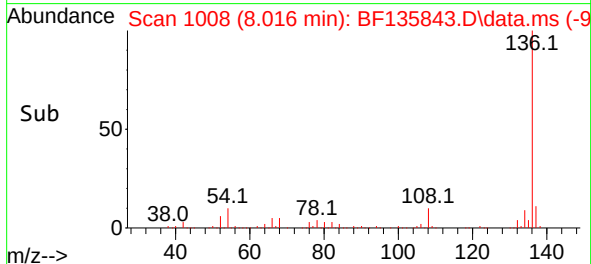
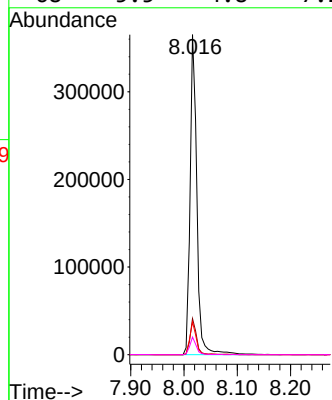


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Instrument :
BNA_F
ClientSampleId :

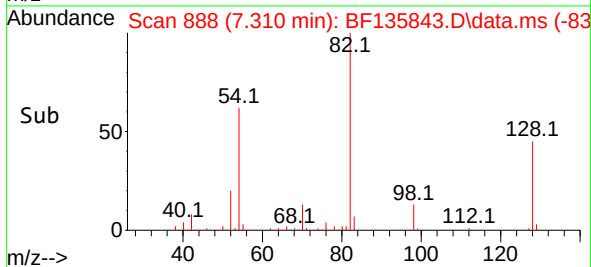
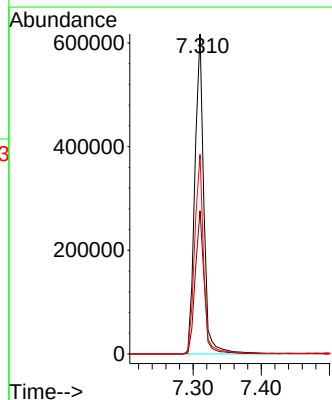
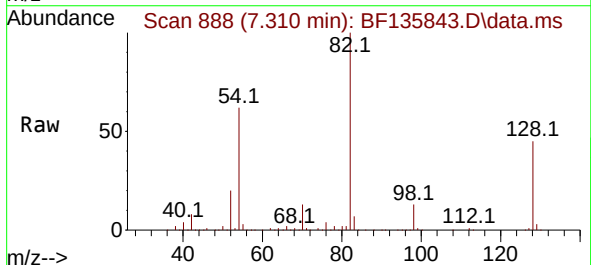


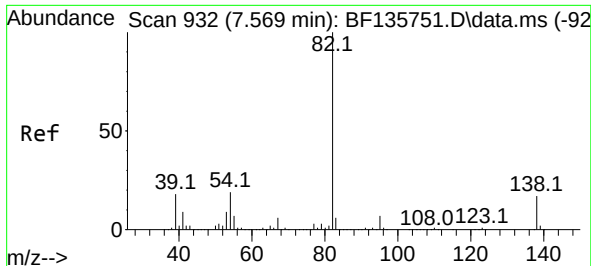
Tgt Ion:136 Resp: 321935
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.2 8.5 12.7
68 5.5 4.8 7.2



#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

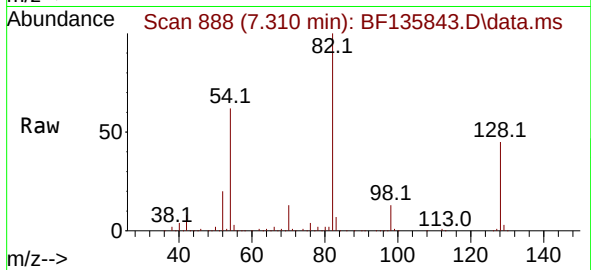
Tgt Ion: 82 Resp: 562777
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.6
54 62.3 52.8 79.2



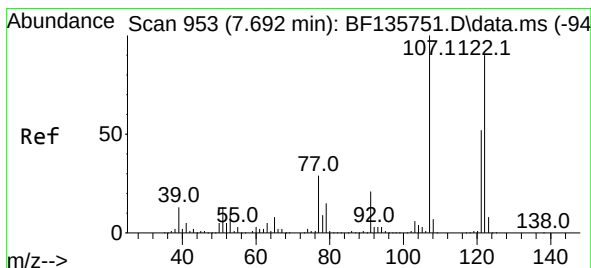
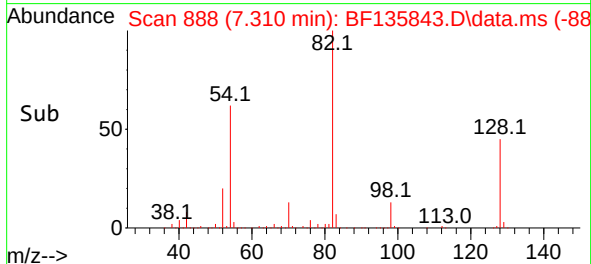
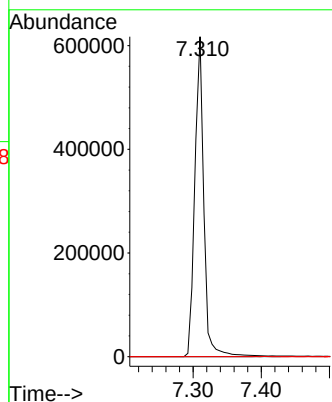


#25
Isophorone
Concen: 50.963 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

Instrument :
BNA_F
ClientSampleId :

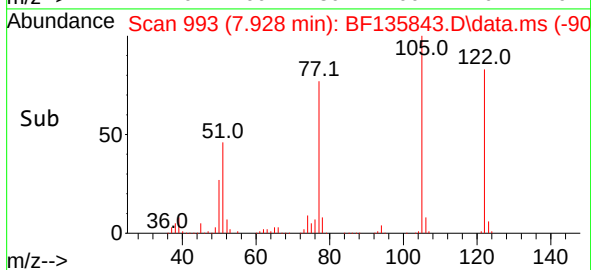
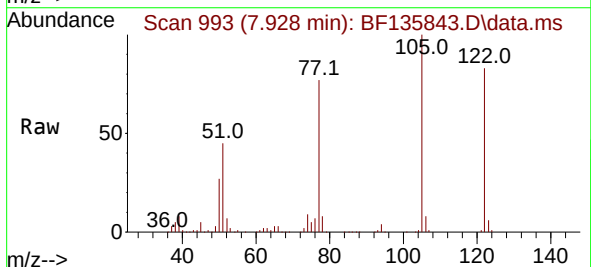
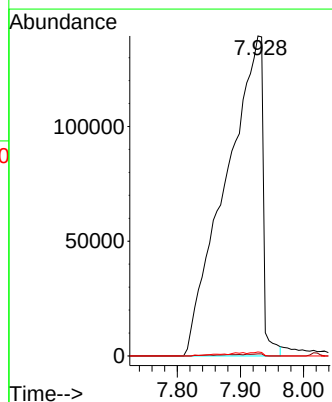


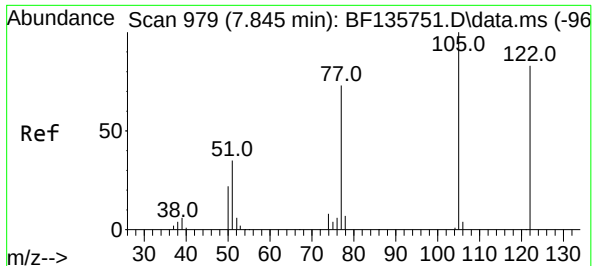
Tgt Ion: 82 Resp: 562777
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#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

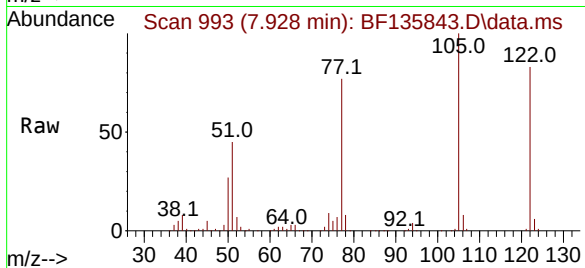
Tgt Ion:122 Resp: 567951
Ion Ratio Lower Upper
122 100
107 0.7 88.2 132.4#
121 1.3 45.5 68.3#



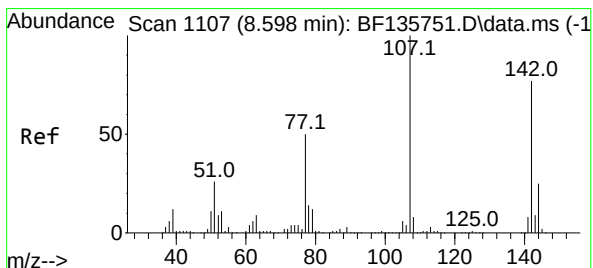
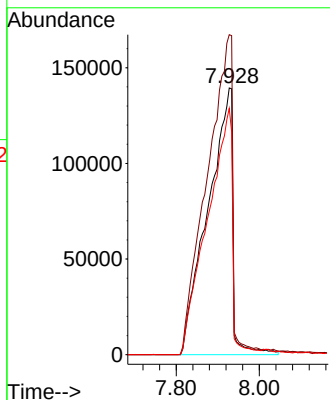
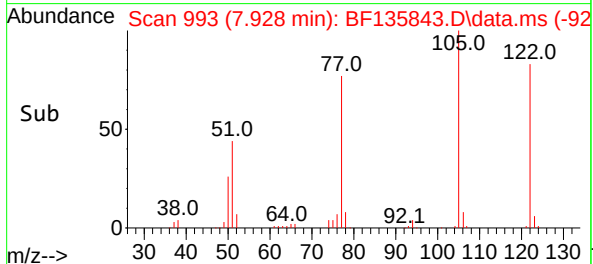


#32
Benzoic acid
Concen: 181.505 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.076 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

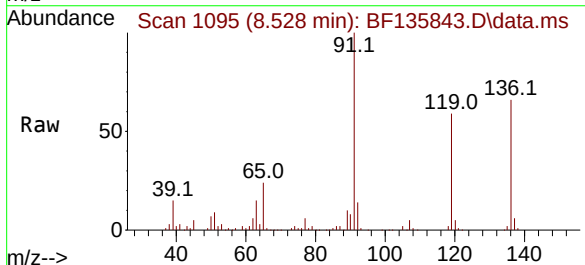
Instrument :
BNA_F
ClientSampleId :



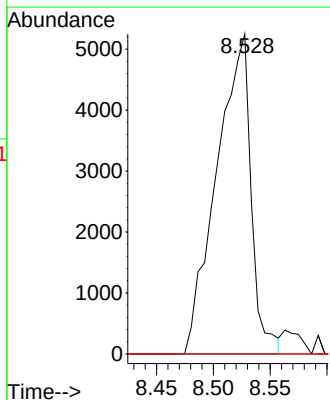
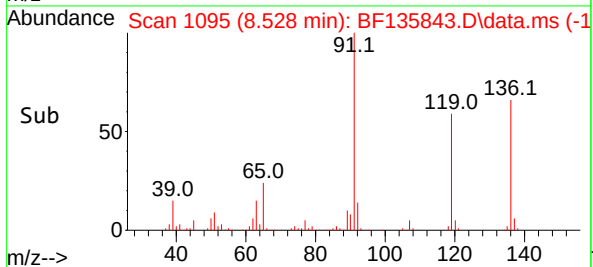
Tgt Ion:122 Resp: 579857
Ion Ratio Lower Upper
122 100
105 120.0 98.7 138.7
77 92.3 67.8 107.8

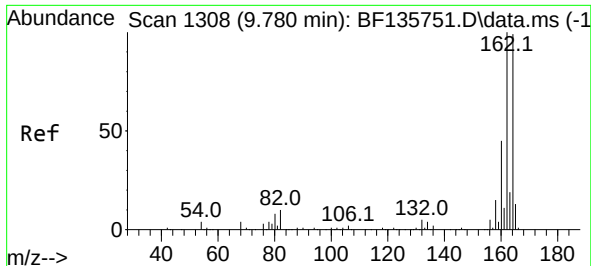


#36
4-Chloro-3-methylphenol
Concen: 2.253 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.071 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02



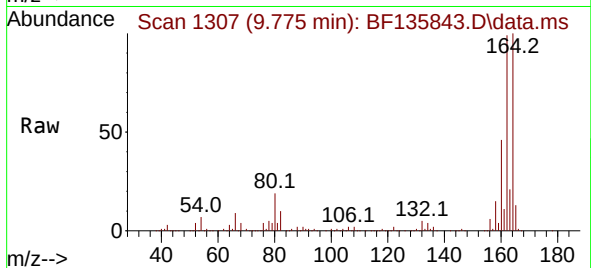
Tgt Ion:107 Resp: 11049
Ion Ratio Lower Upper
107 100
144 0.0 19.8 29.8#
142 0.0 61.3 91.9#



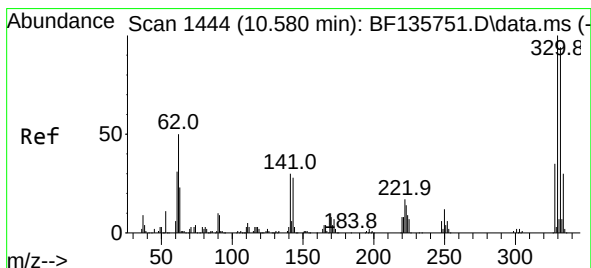
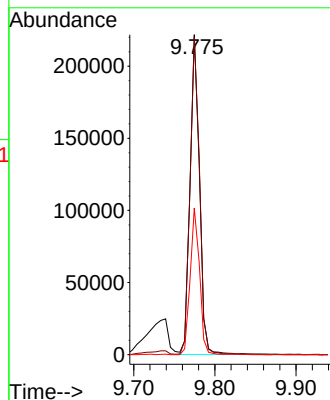
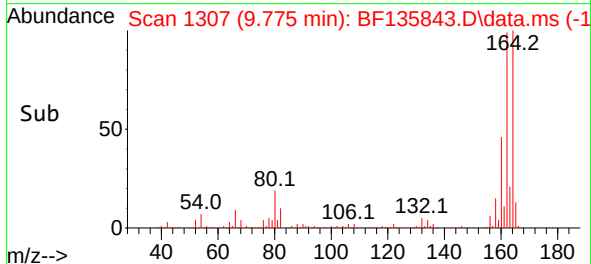


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

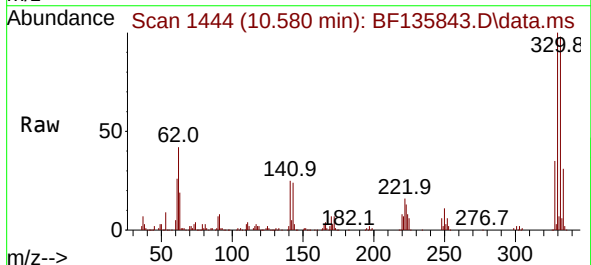
Instrument :
BNA_F
ClientSampleId :



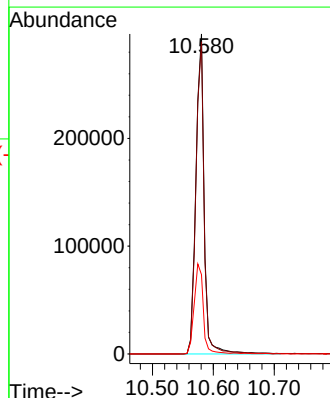
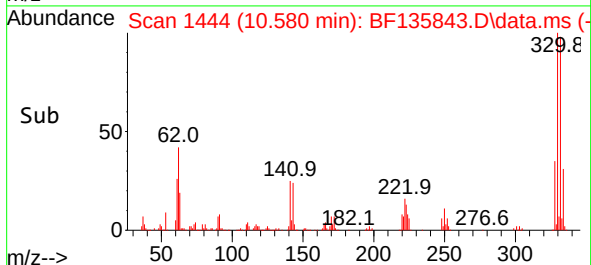
Tgt Ion:164 Resp: 179148
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 45.9 36.6 54.8

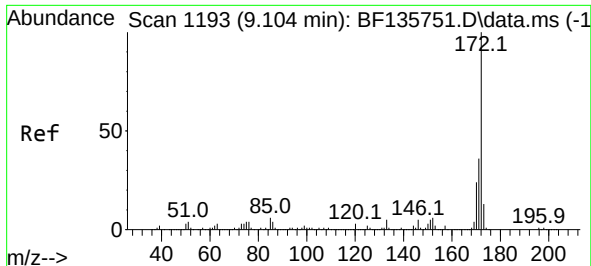


#42
2,4,6-Tribromophenol
Concen: 162.616 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02



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

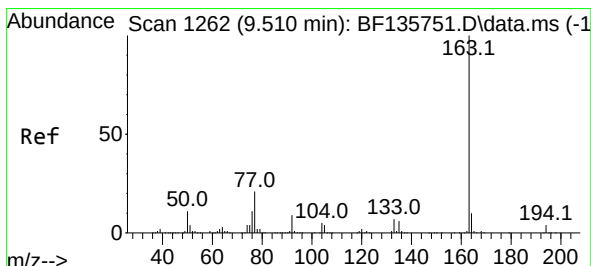
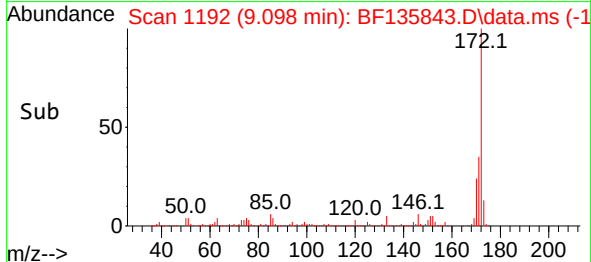
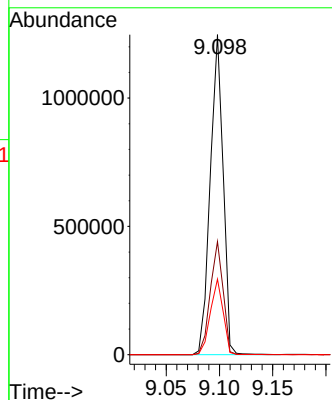
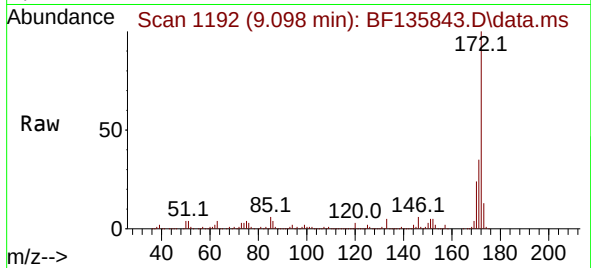




#45
2-Fluorobiphenyl
Concen: 92.004 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

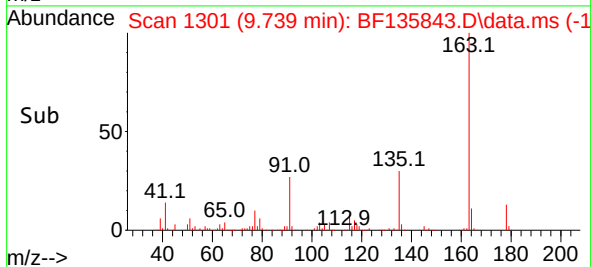
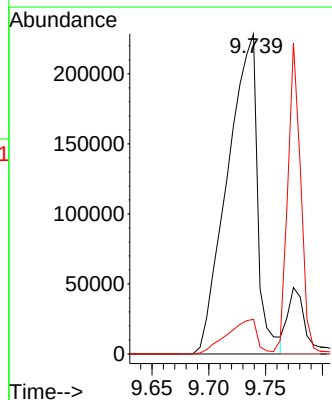
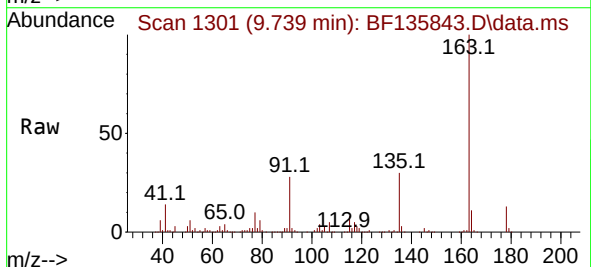
Instrument :
BNA_F
ClientSampleId :

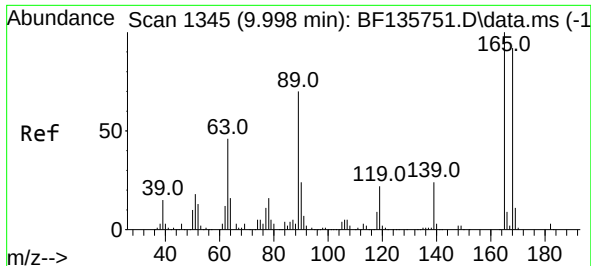
Tgt Ion:172 Resp: 1054191
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 18.8 28.2



#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

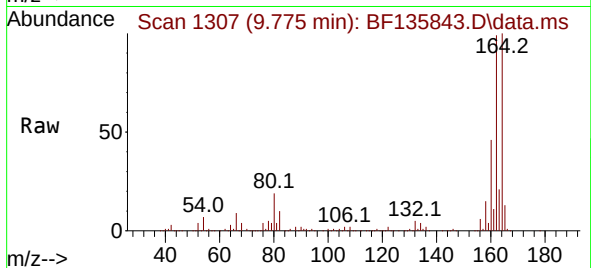
Lab File: BF135843.D

Acq: 18 Oct 2023 13:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 22850

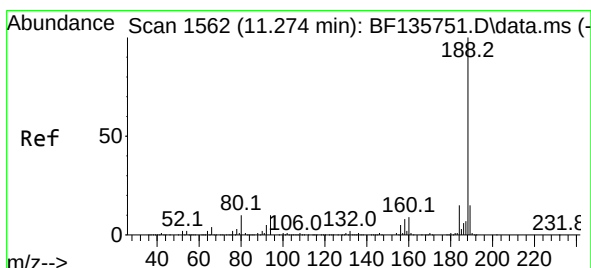
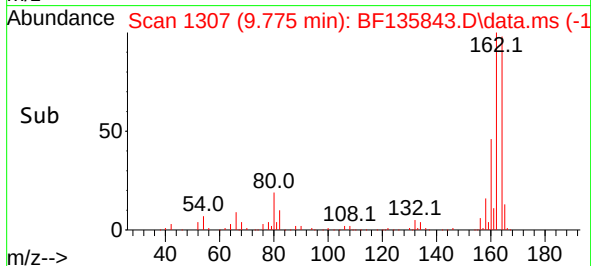
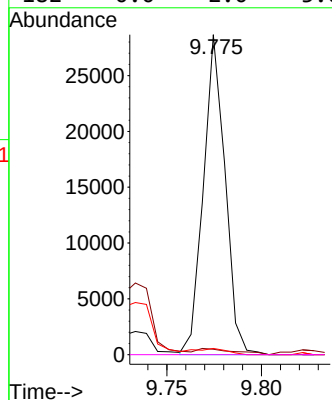
Ion Ratio Lower Upper

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

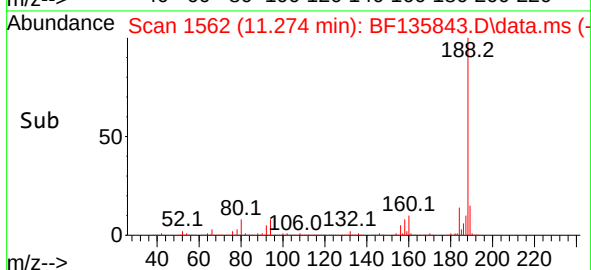
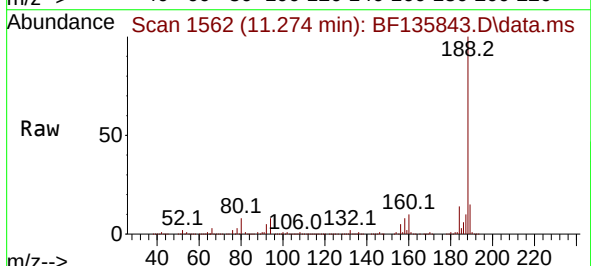
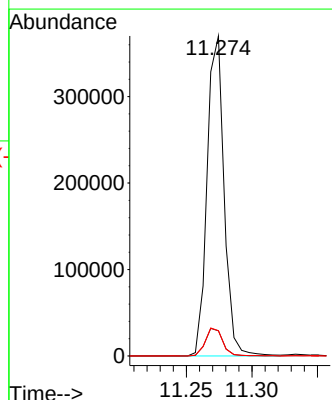
Tgt Ion:188 Resp: 334865

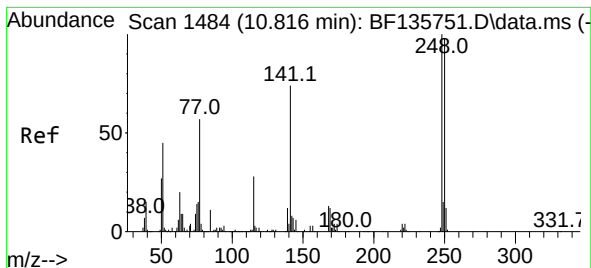
Ion Ratio Lower Upper

188 100

94 7.8 8.0 12.0#

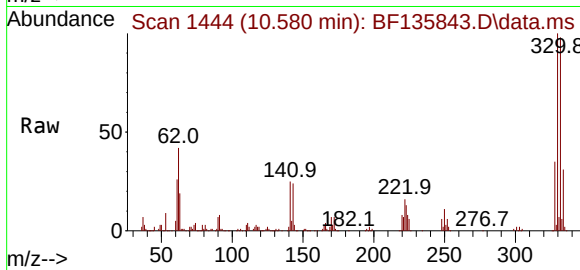
80 7.9 8.3 12.5#



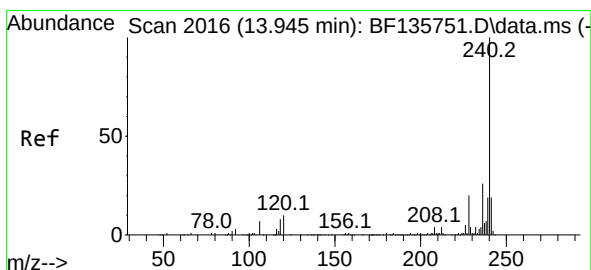
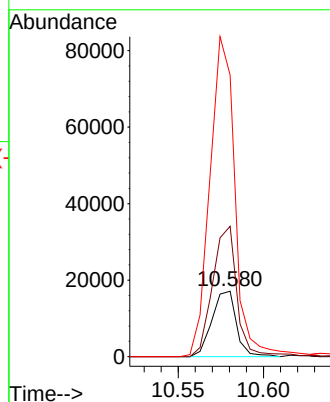
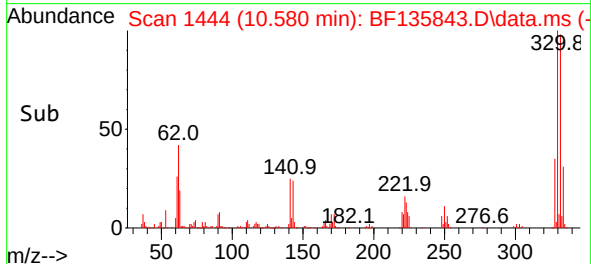


#67
4-Bromophenyl-phenylether
Concen: 5.086 ng
RT: 10.580 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02

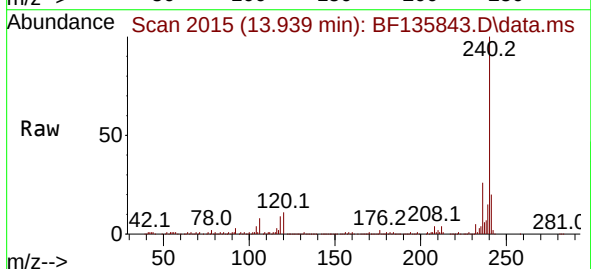
Instrument :
BNA_F
ClientSampleId :



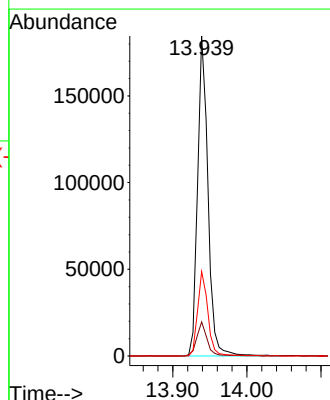
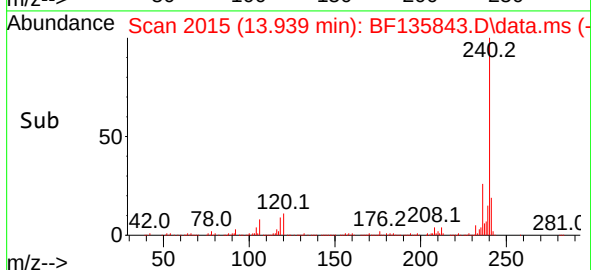
Tgt Ion:248 Resp: 17096
Ion Ratio Lower Upper
248 100
250 199.3 78.0 117.0#
141 430.4 59.0 88.6#

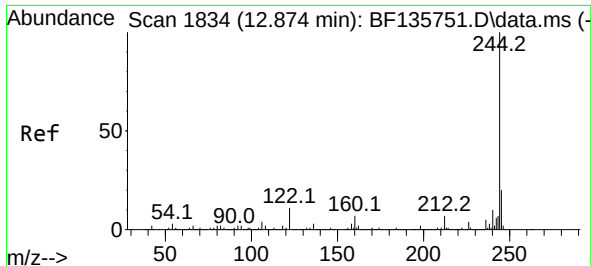


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135843.D
Acq: 18 Oct 2023 13:02



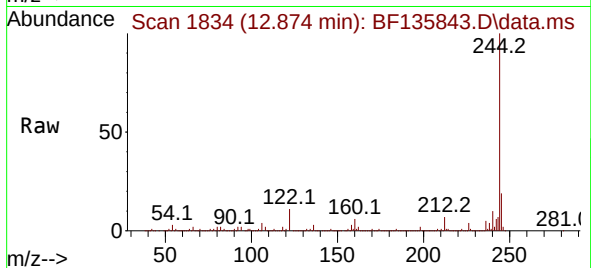
Tgt Ion:240 Resp: 179241
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 26.4 21.2 31.8



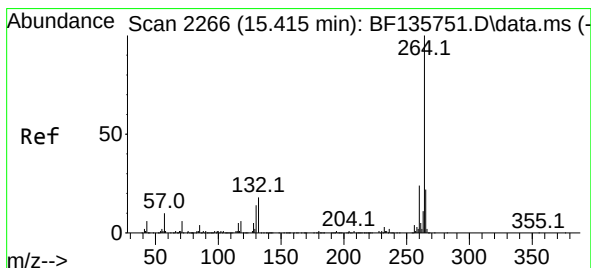
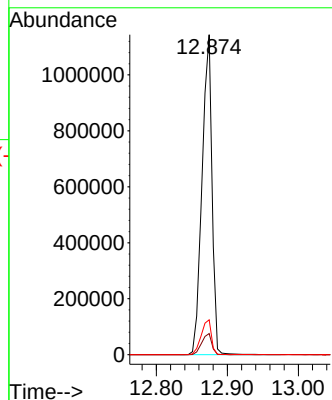
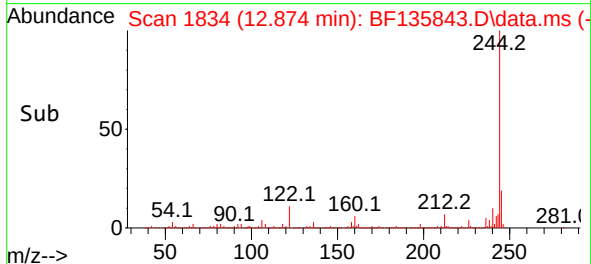


#79
 Terphenyl-d14
 Concen: 115.453 ng
 RT: 12.874 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135843.D
 Acq: 18 Oct 2023 13:02

Instrument :
 BNA_F
 ClientSampleId :



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

