

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135784.D
 Acq On : 16 Oct 2023 19:18
 Operator : CG\JU
 Sample : 04656-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1021

Quant Time: Oct 17 01:57:23 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)

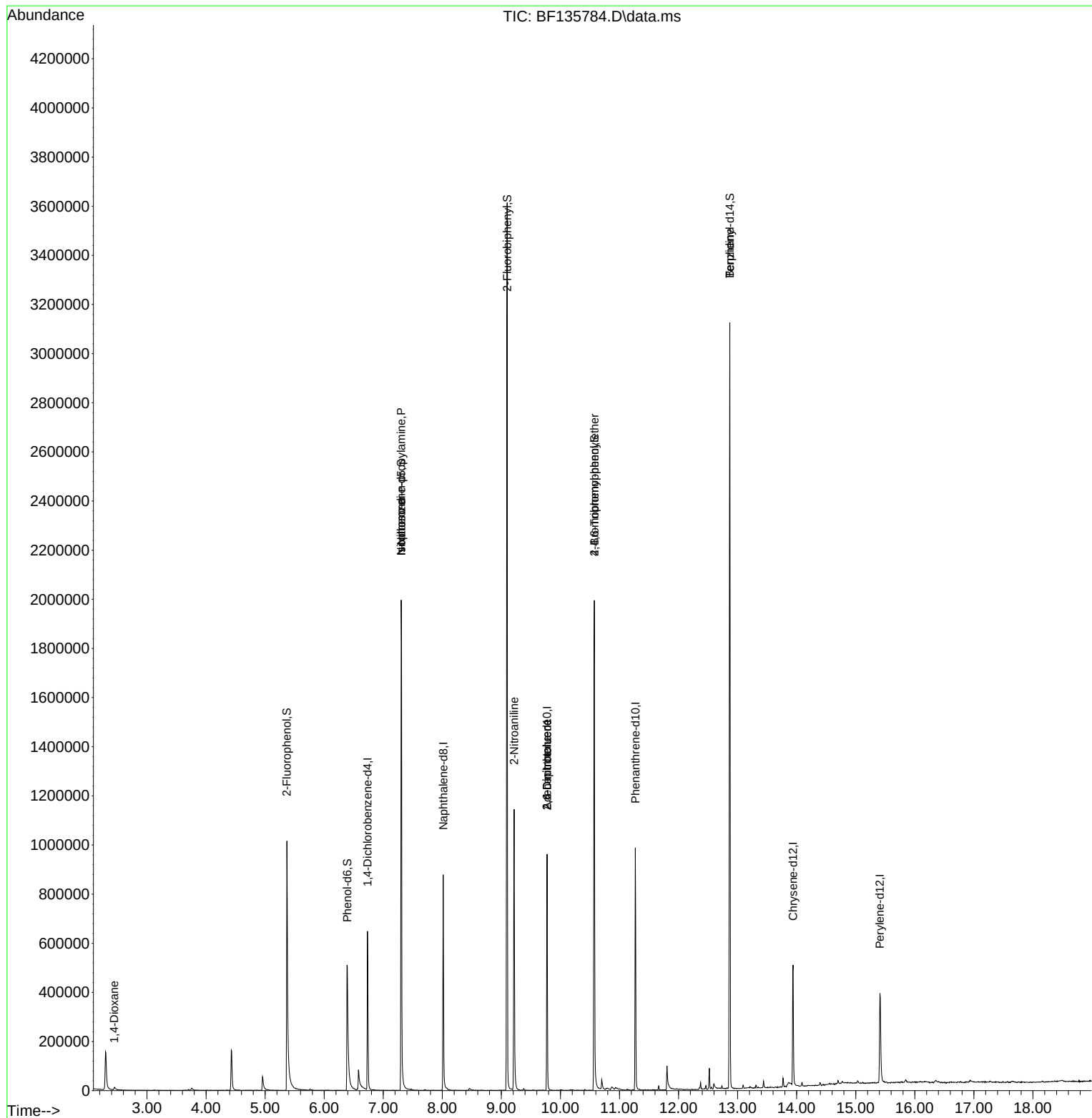
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	94310	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	365779	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	181260	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	359789	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	191551	20.000	ng	-0.01
86) Perylene-d12	15.410	264	203987	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	367019	62.568	ng	0.00
7) Phenol-d6	6.393	99	272099	37.177	ng	0.00
23) Nitrobenzene-d5	7.304	82	639503	96.157	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	250726	144.150	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1116803	96.333	ng	0.00
79) Terphenyl-d14	12.869	244	1103459	106.682	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	6058	2.141	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	84559	18.685	ng	# 75
25) Isophorone	7.304	82	639503	50.969	ng	# 66
48) 2-Nitroaniline	9.216	65	11264	2.852	ng	# 16
51) 2,6-Dinitrotoluene	9.775	165	22588	8.584	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	22588	6.747	ng	# 24
67) 4-Bromophenyl-phenylether	10.575	248	15674	4.340	ng	# 1
77) Benzidine	12.869	184	13787	3.298	ng	# 94

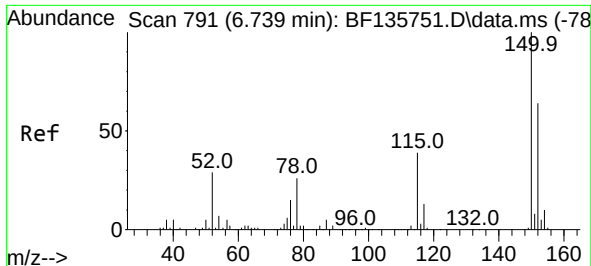
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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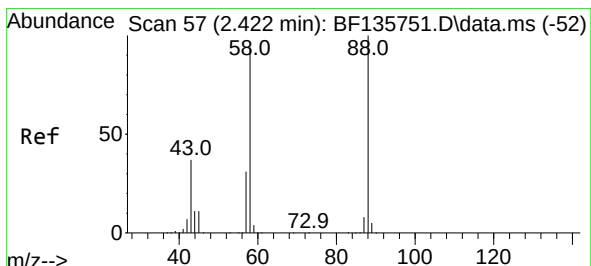
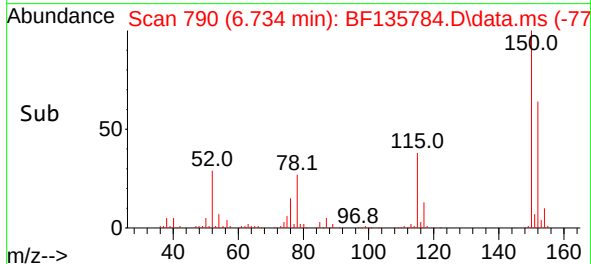
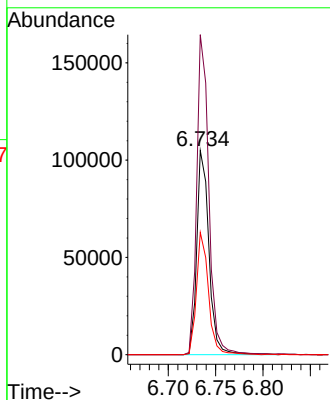
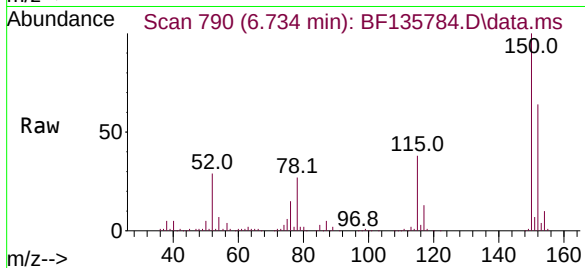




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

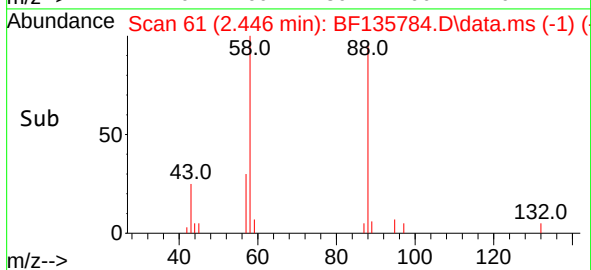
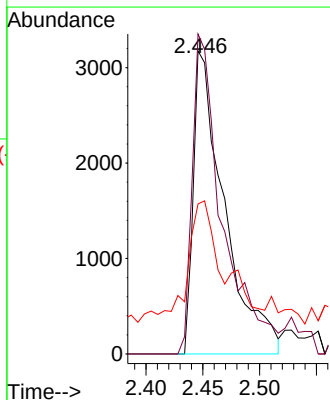
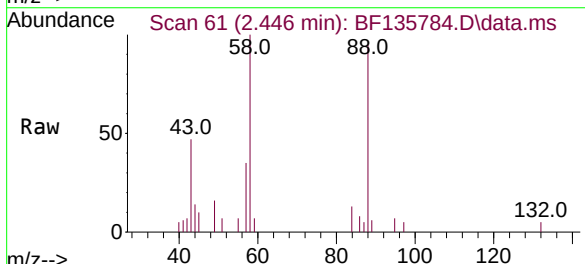
Instrument :
BNA_F
ClientSampleId :
MW-102I

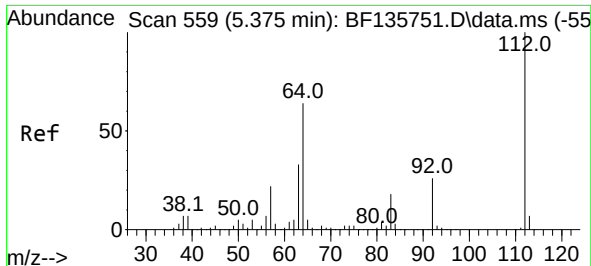
Tgt Ion:152 Resp: 94310
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 59.9 49.0 73.4



#2
1,4-Dioxane
Concen: 2.141 ng
RT: 2.446 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion: 88 Resp: 6058
Ion Ratio Lower Upper
88 100
58 102.6 76.1 114.1
43 36.9 29.8 44.8

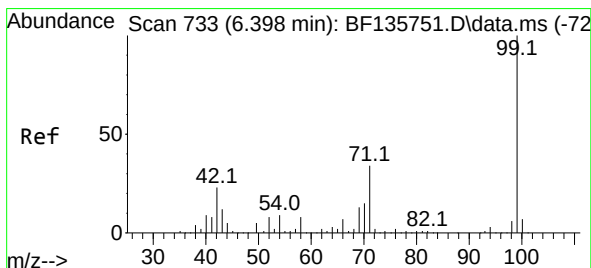
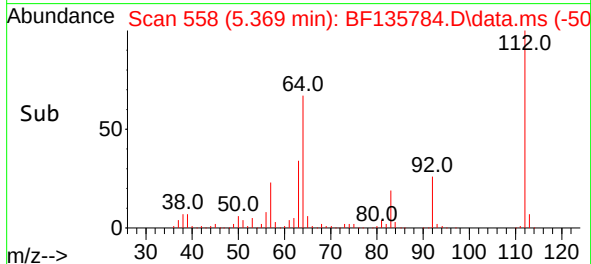
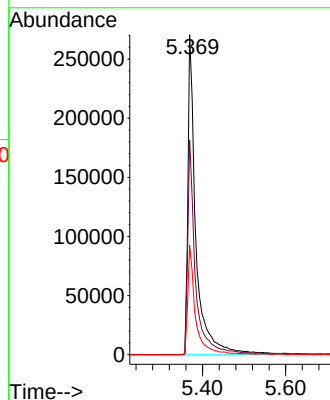
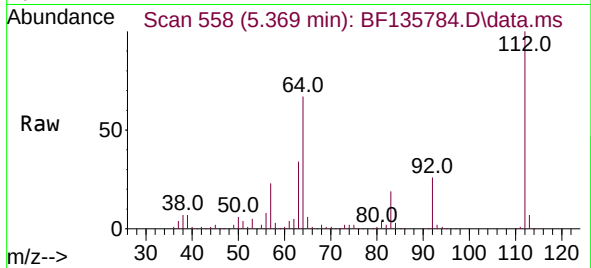




#5
2-Fluorophenol
Concen: 62.568 ng
RT: 5.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

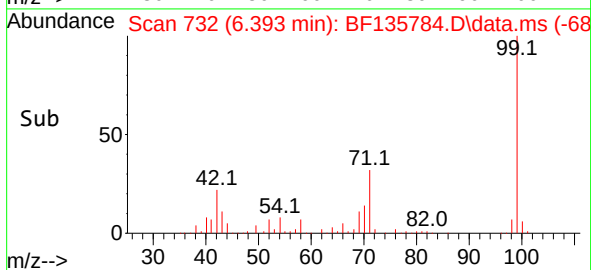
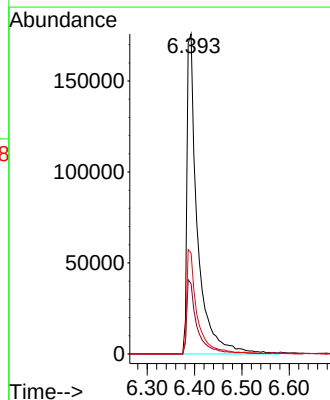
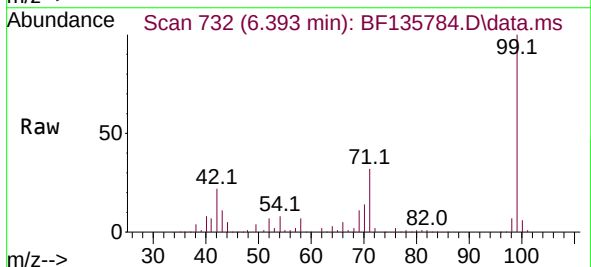
Instrument :
BNA_F
ClientSampleId :
MW-102I

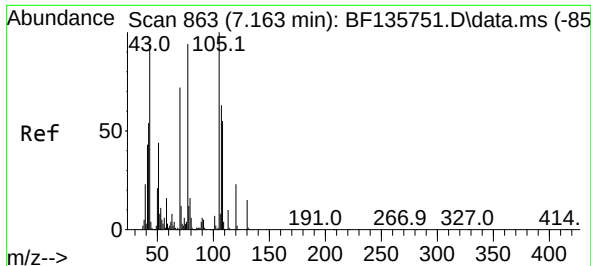
Tgt Ion:112 Resp: 367019
Ion Ratio Lower Upper
112 100
64 67.1 51.2 76.8
63 34.2 26.1 39.1



#7
Phenol-d6
Concen: 37.177 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion: 99 Resp: 272099
Ion Ratio Lower Upper
99 100
42 22.0 18.4 27.6
71 31.6 27.2 40.8

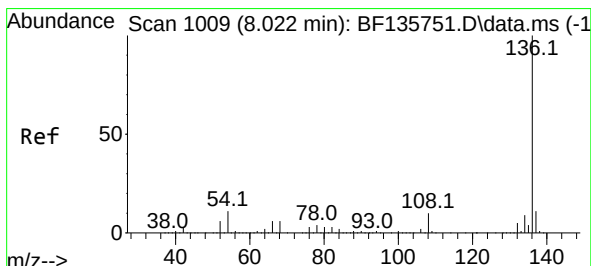
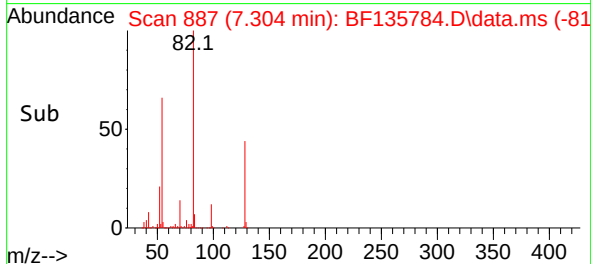
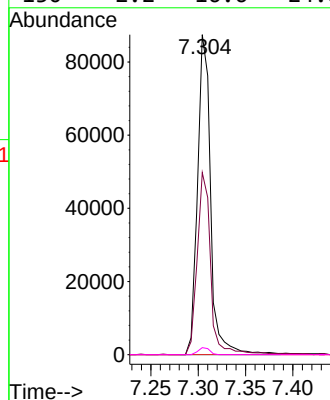
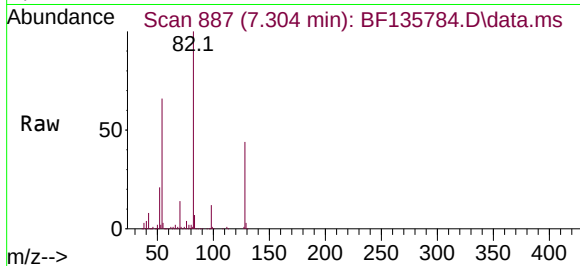




#19
n-Nitroso-di-n-propylamine
Concen: 18.685 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

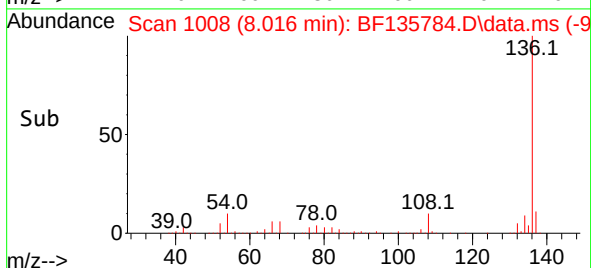
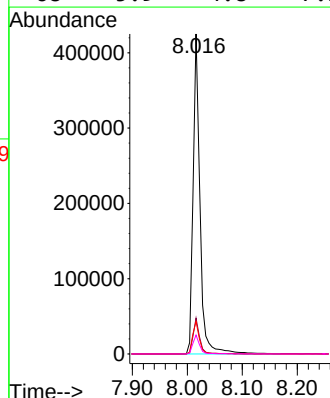
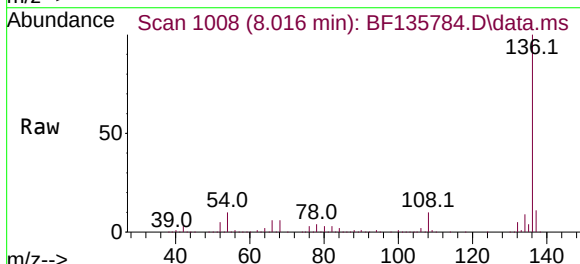
Instrument :
BNA_F
ClientSampleId :
MW-102I

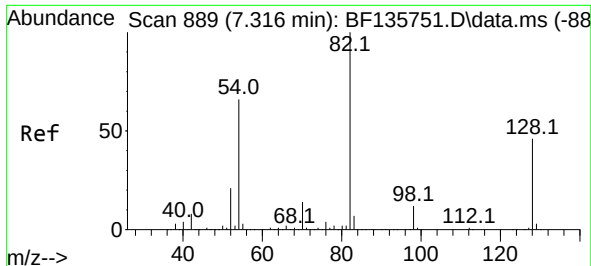
Tgt Ion:	70	Resp:	84559
Ion	Ratio	Lower	Upper
70	100		
42	56.9	59.8	89.6#
101	0.0	7.4	11.2#
130	2.2	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion:	136	Resp:	365779
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.1	8.5	12.7
68	5.9	4.8	7.2

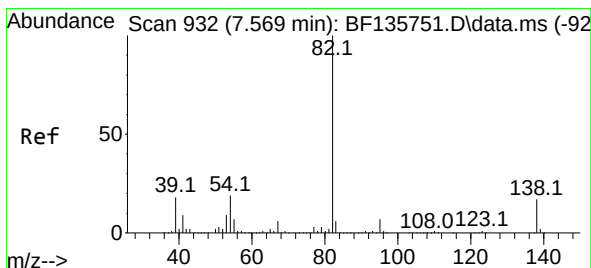
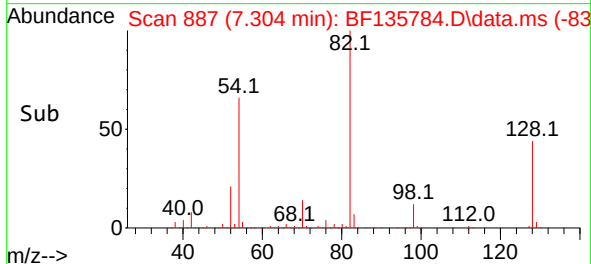
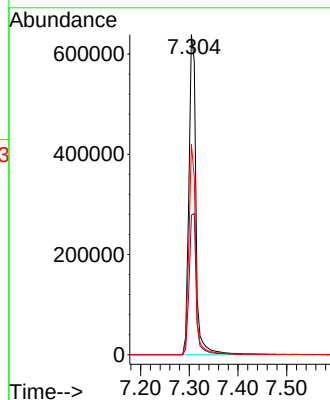
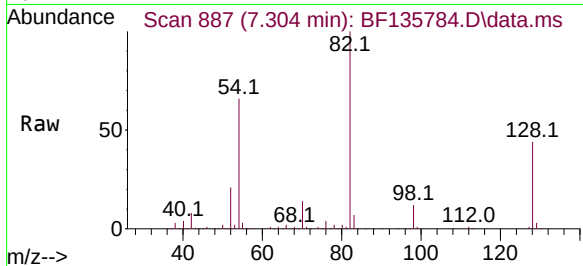




#23
Nitrobenzene-d5
Concen: 96.157 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

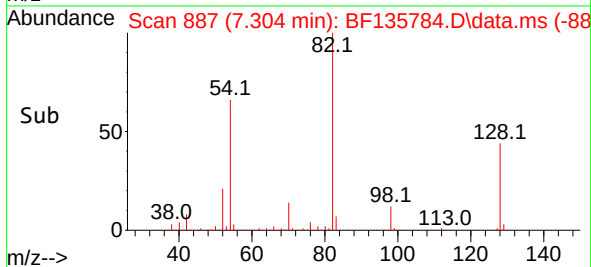
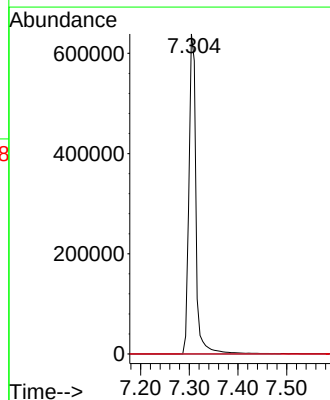
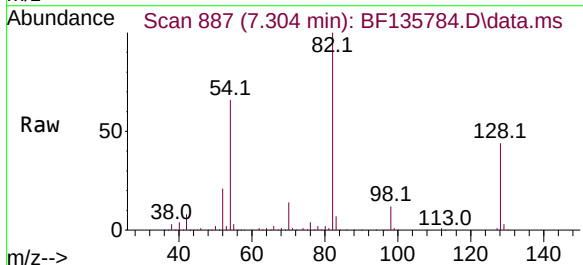
Instrument :
BNA_F
ClientSampleId :
MW-1021

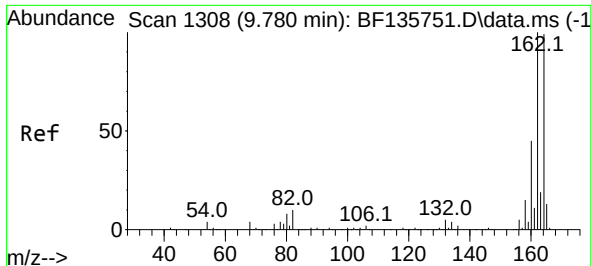
Tgt Ion: 82 Resp: 639503
Ion Ratio Lower Upper
82 100
128 43.6 37.0 55.6
54 65.8 52.8 79.2



#25
Isophorone
Concen: 50.969 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.265 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion: 82 Resp: 639503
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#

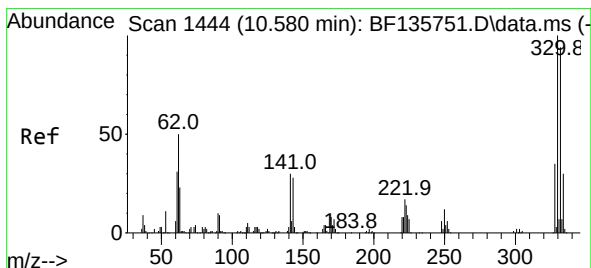
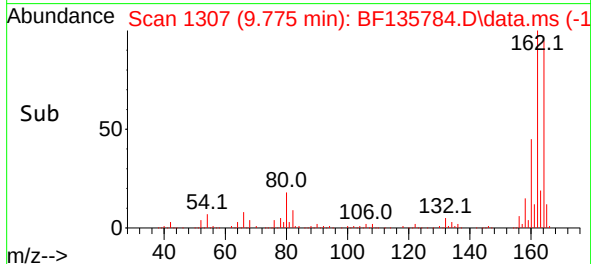
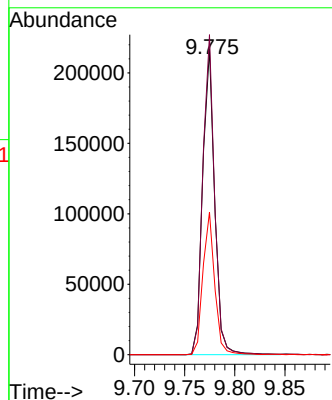
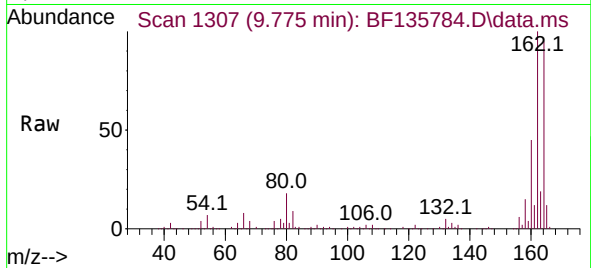




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

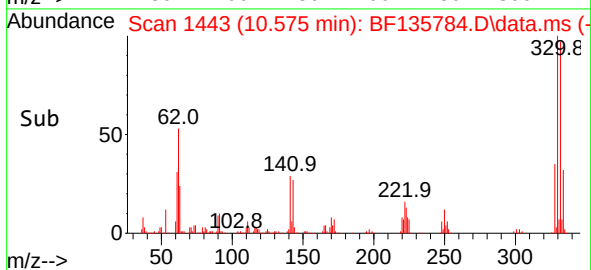
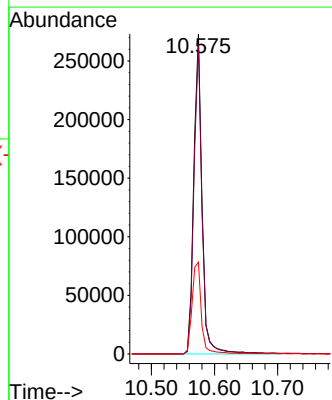
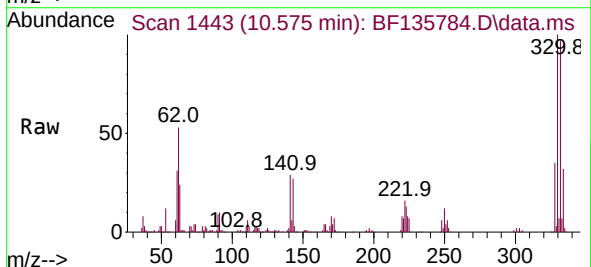
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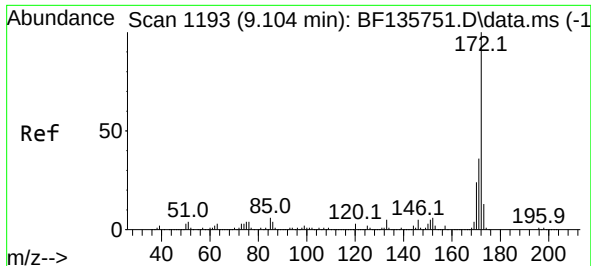
Tgt Ion:164 Resp: 181260
Ion Ratio Lower Upper
164 100
162 104.8 80.8 121.2
160 46.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 144.150 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion:330 Resp: 250726
Ion Ratio Lower Upper
330 100
332 94.9 75.0 112.4
141 32.3 25.8 38.6

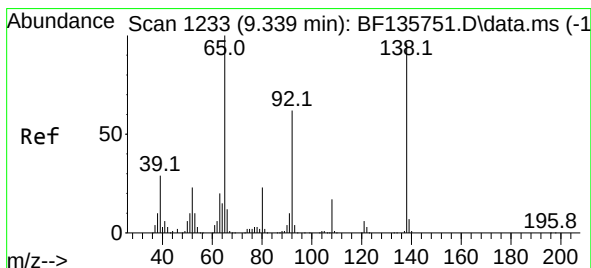
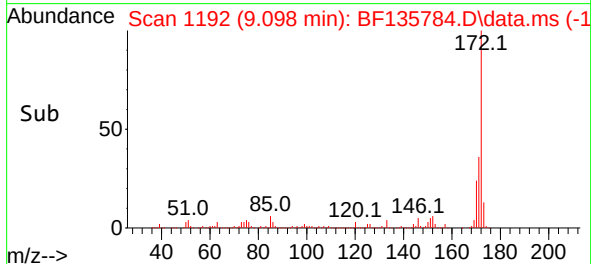
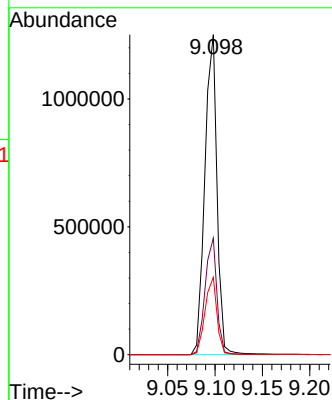
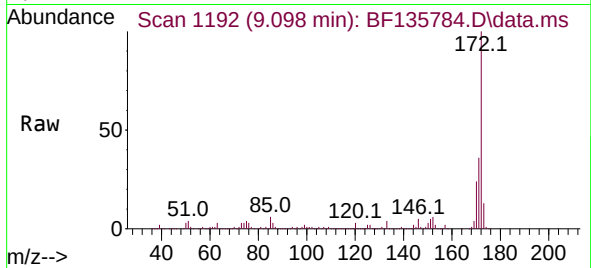




#45
2-Fluorobiphenyl
Concen: 96.333 ng
RT: 9.098 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

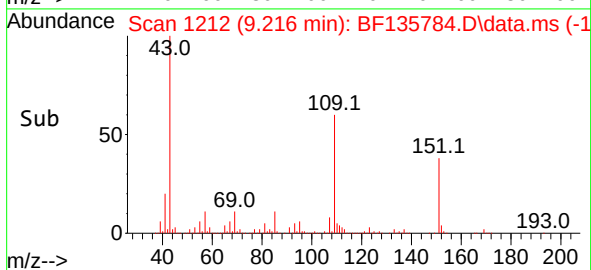
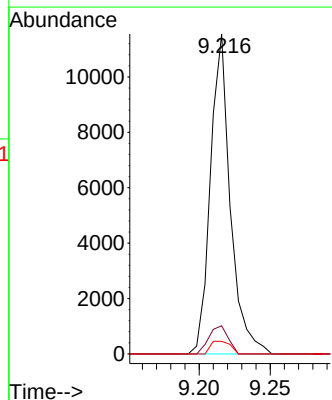
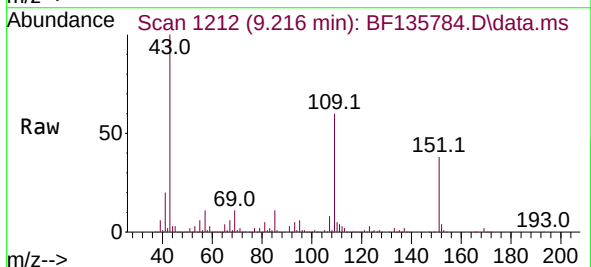
Instrument :
BNA_F
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MW-102I

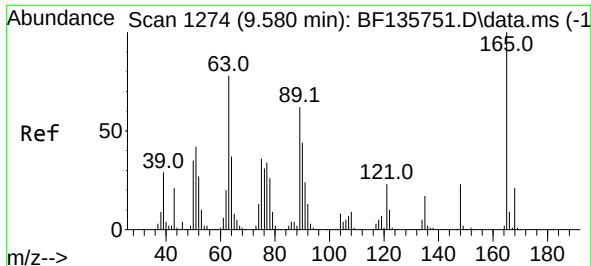
Tgt Ion:172 Resp: 1116803
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.2 18.8 28.2



#48
2-Nitroaniline
Concen: 2.852 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.124 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion: 65 Resp: 11264
Ion Ratio Lower Upper
65 100
92 8.8 49.4 74.0#
138 3.9 76.6 114.8#

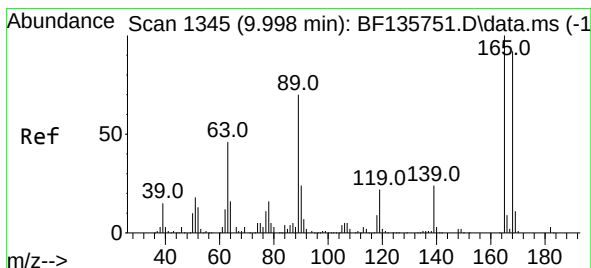
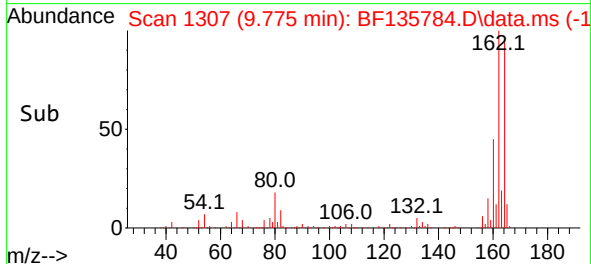
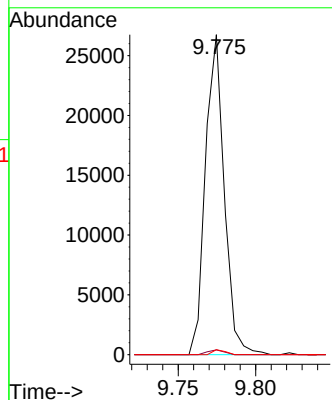
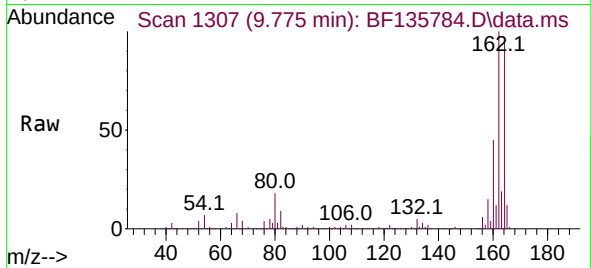




#51
2,6-Dinitrotoluene
Concen: 8.584 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

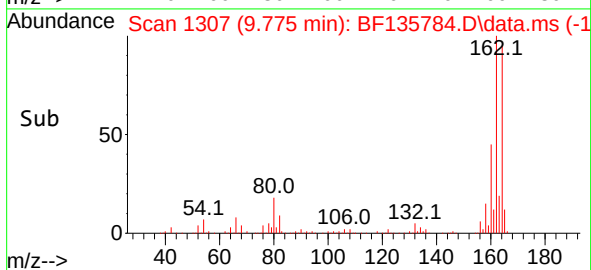
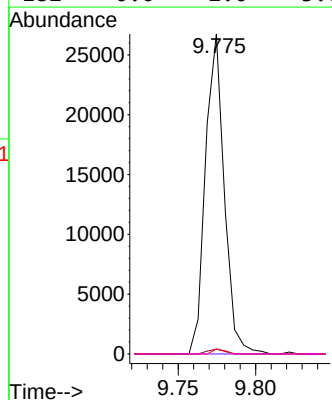
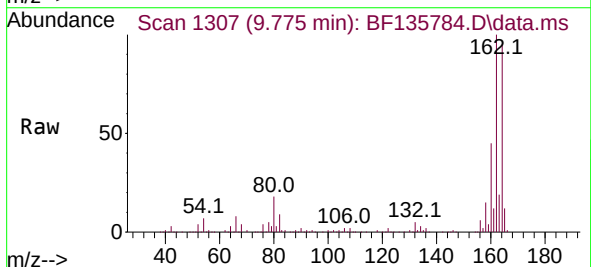
Instrument :
BNA_F
ClientSampleId :
MW-1021

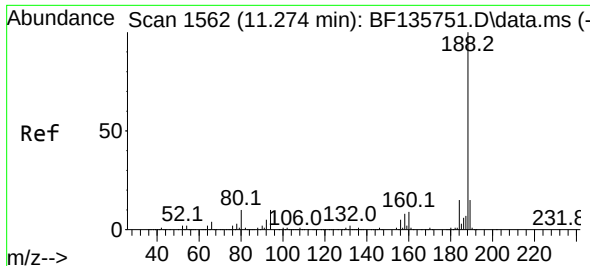
Tgt Ion:165 Resp: 22588
Ion Ratio Lower Upper
165 100
63 1.5 62.2 93.4#
89 1.5 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.747 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.229 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion:165 Resp: 22588
Ion Ratio Lower Upper
165 100
63 1.5 39.0 58.4#
89 1.5 55.9 83.9#
182 0.0 2.0 3.0#

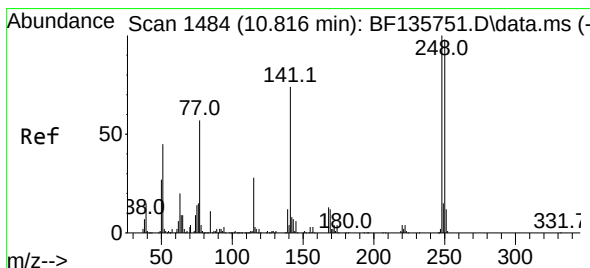
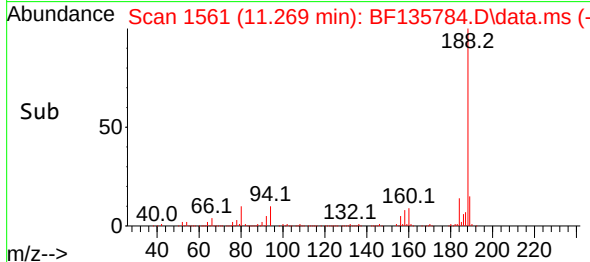
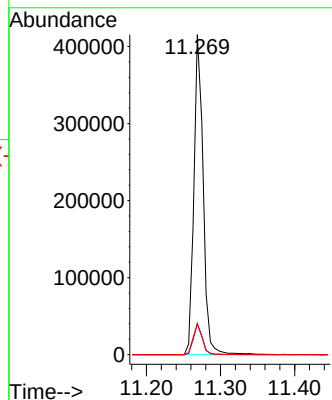
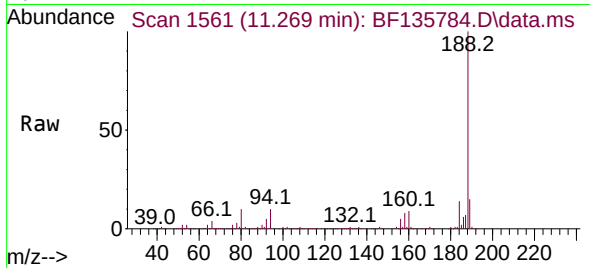




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

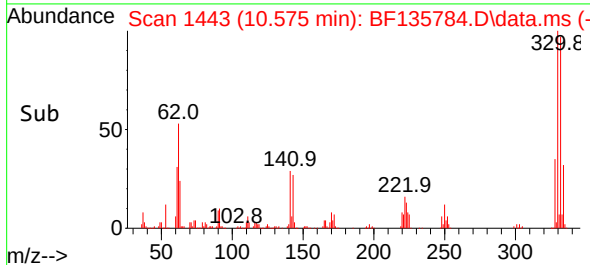
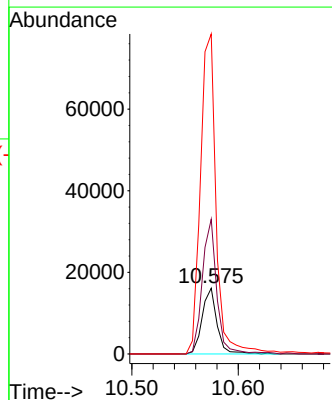
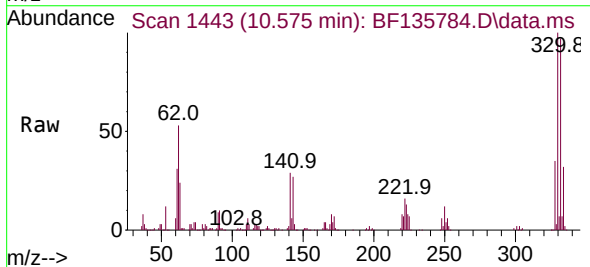
Instrument :
BNA_F
ClientSampleId :
MW-102I

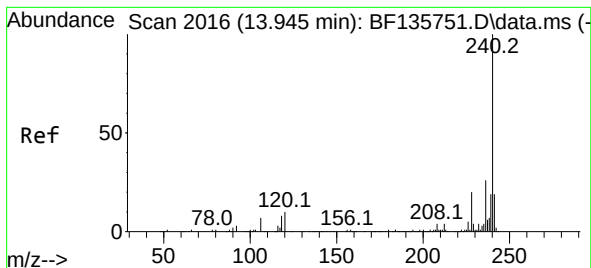
Tgt Ion:188 Resp: 359789
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 9.8 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.340 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF135784.D
Acq: 16 Oct 2023 19:18

Tgt Ion:248 Resp: 15674
Ion Ratio Lower Upper
248 100
250 205.1 78.0 117.0#
141 487.1 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135784.D

Acq: 16 Oct 2023 19:18

Instrument :

BNA_F

ClientSampleId :

MW-1021

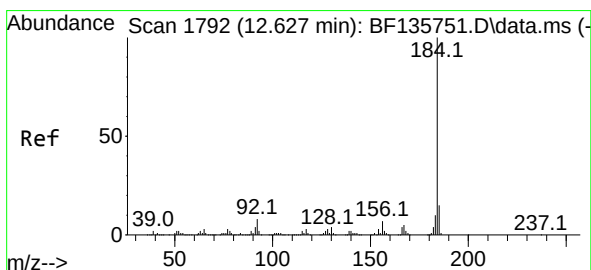
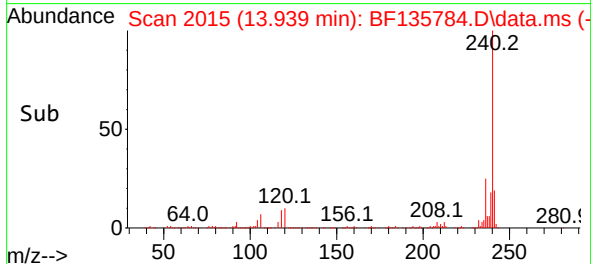
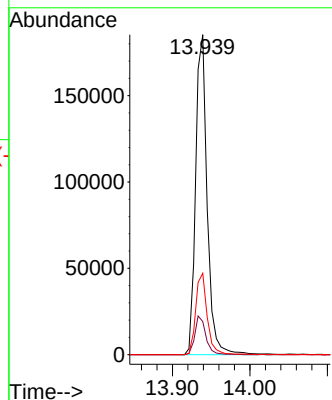
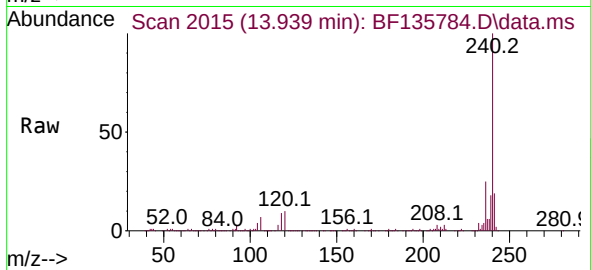
Tgt Ion:240 Resp: 191551

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

236 25.4 21.2 31.8



#77

Benzidine

Concen: 3.298 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135784.D

Acq: 16 Oct 2023 19:18

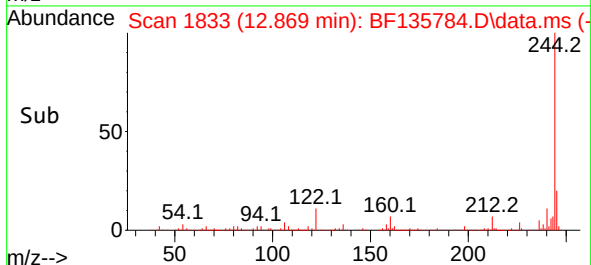
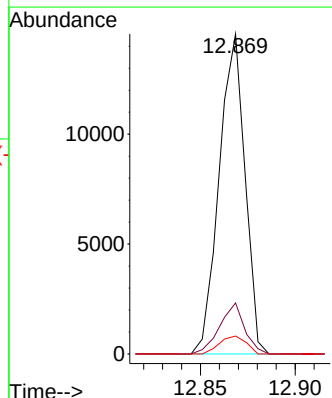
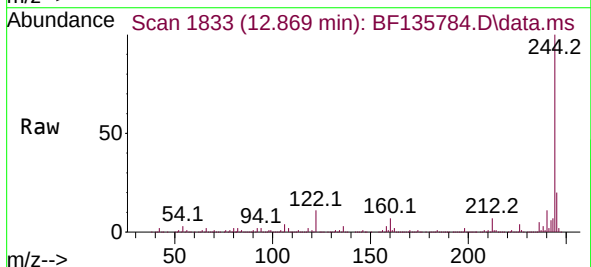
Tgt Ion:184 Resp: 13787

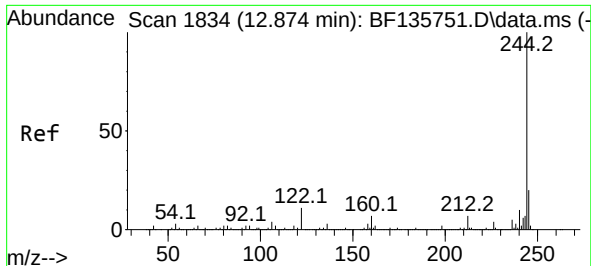
Ion Ratio Lower Upper

184 100

185 16.0 12.0 18.0

183 5.6 8.2 12.2#

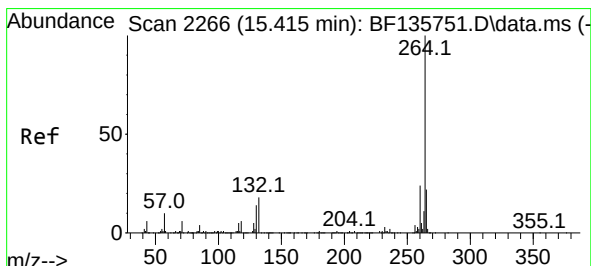
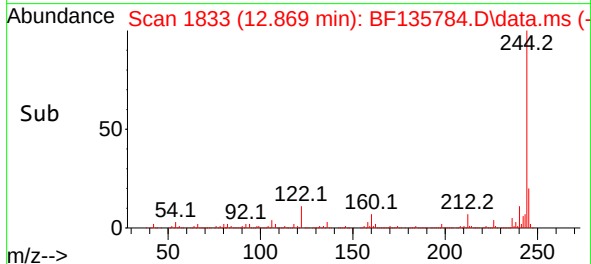
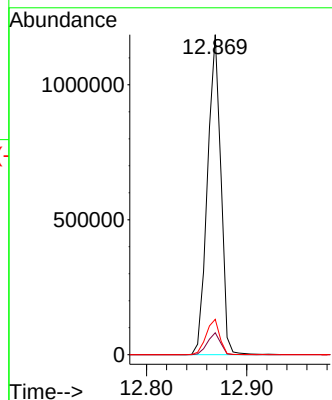
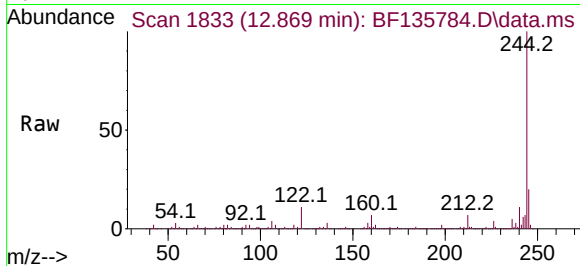




#79
 Terphenyl-d14
 Concen: 106.682 ng
 RT: 12.869 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135784.D
 Acq: 16 Oct 2023 19:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tgt Ion:244 Resp: 1103459
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135784.D
 Acq: 16 Oct 2023 19:18

Tgt Ion:264 Resp: 203987
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.5 17.4 26.2

