

Data Path : C:\Users\eUser\Desktop\ZZZZ\
 Data File : BF139663.D
 Acq On : 04 Oct 2024 17:55
 Operator : RC/JU
 Sample : P4254-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-147

Quant Time: Oct 07 04:01:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

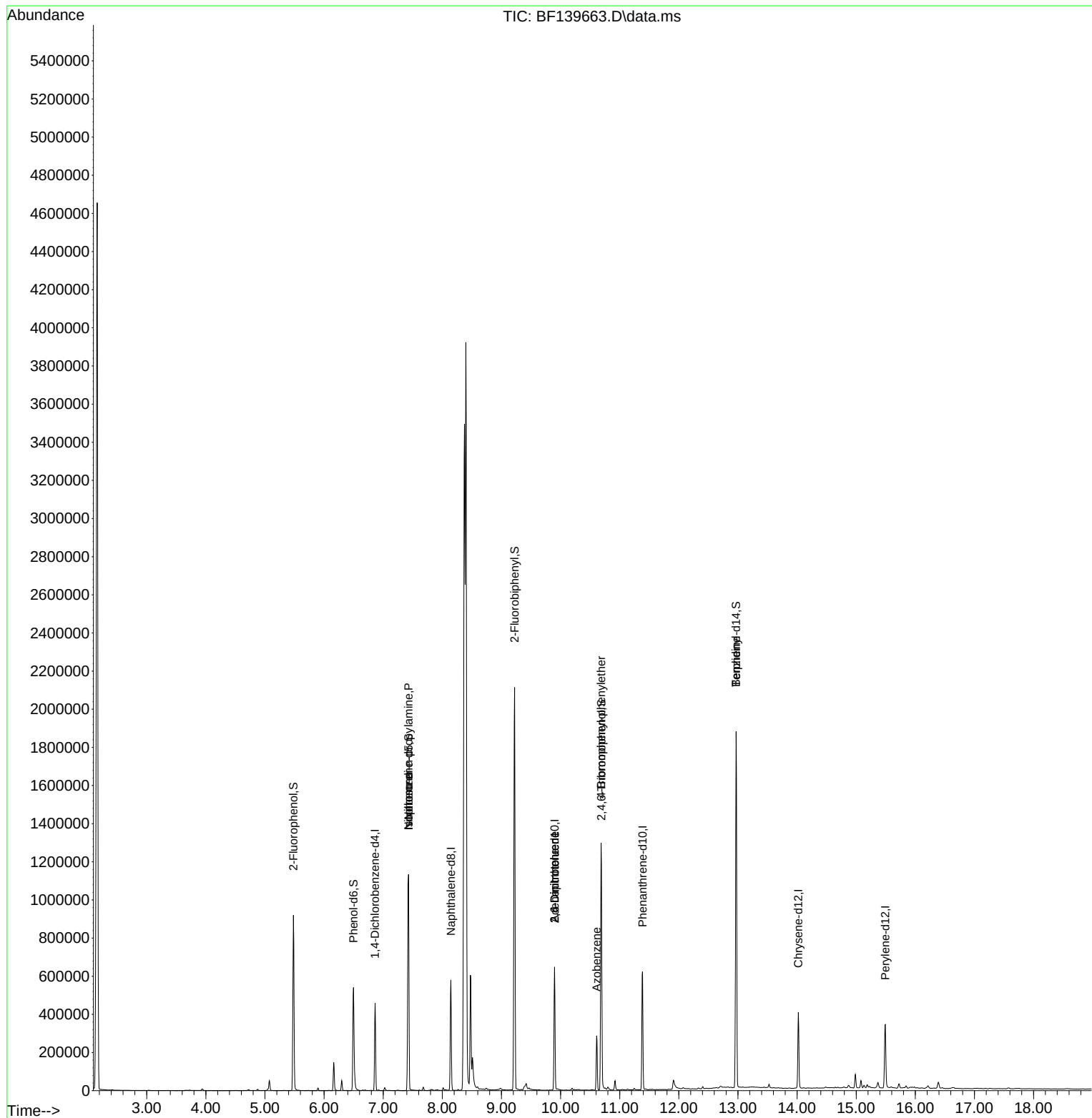
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89450	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	342471	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	186088	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	331838	20.000	ng	0.00
76) Chrysene-d12	14.021	240	186521	20.000	ng	-0.01
86) Perylene-d12	15.492	264	200878	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	312380	60.529	ng	0.00
7) Phenol-d6	6.498	99	275353	39.675	ng	0.00
23) Nitrobenzene-d5	7.428	82	507252	74.991	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	206742	115.088	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	921826	76.049	ng	0.00
79) Terphenyl-d14	12.968	244	900910	79.253	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	69243	15.519	ng	# 75
25) Isophorone	7.428	82	502858	41.856	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	23696	8.611	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	23696	6.588	ng	# 17
63) Azobenzene	10.610	77	74494	5.887	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	14066	4.134	ng	# 1
77) Benzidine	12.968	184	12704	3.861	ng	# 93

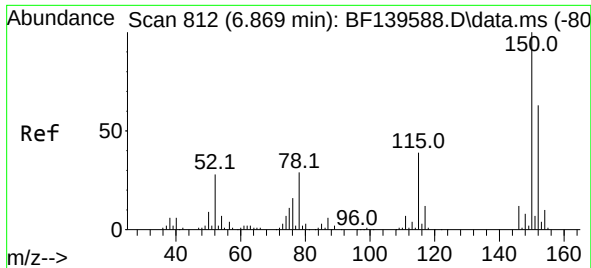
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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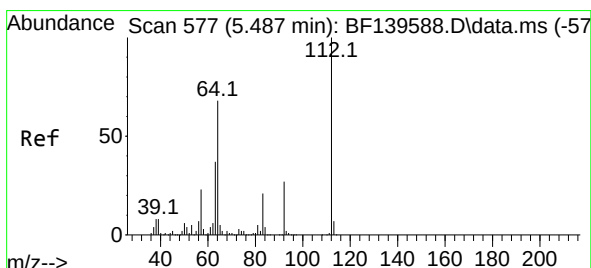
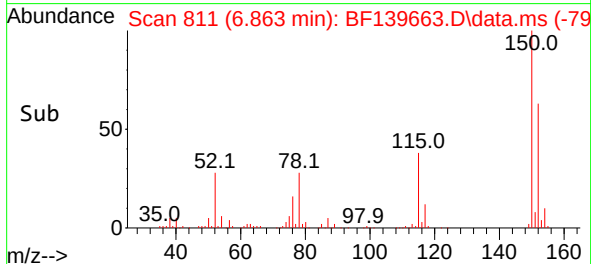
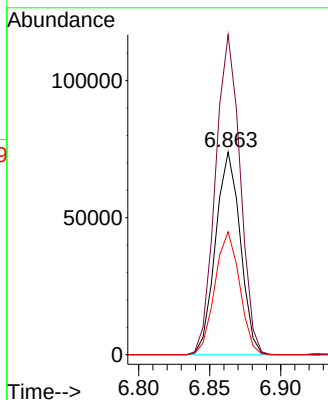
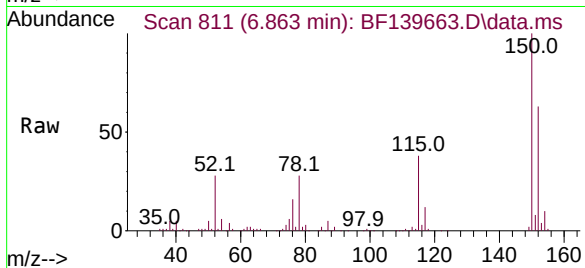




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

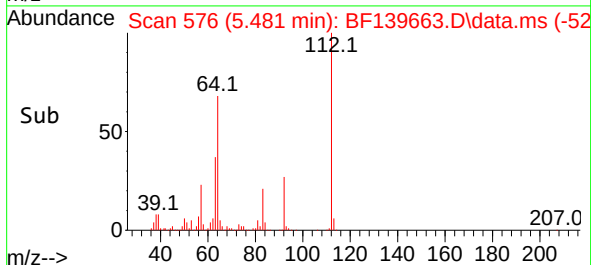
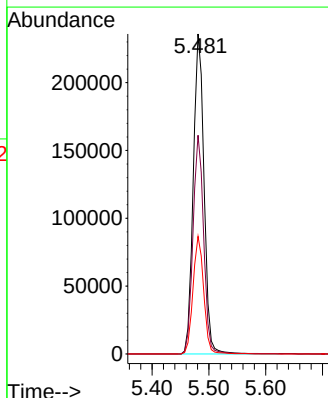
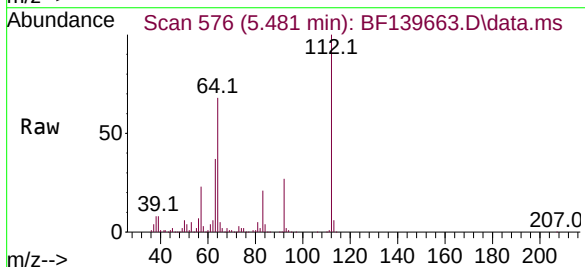
Instrument :
BNA_F
ClientSampleId :
MH-147

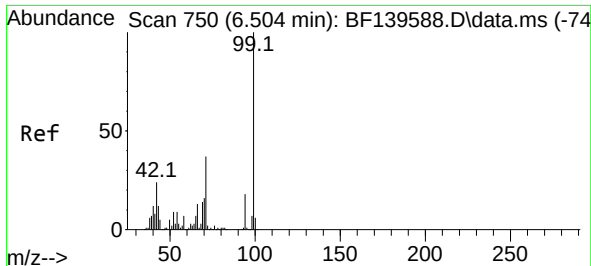
Tgt Ion:152 Resp: 89450
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 60.6 49.0 73.4



#5
2-Fluorophenol
Concen: 60.529 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:112 Resp: 312380
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 36.8 29.4 44.2

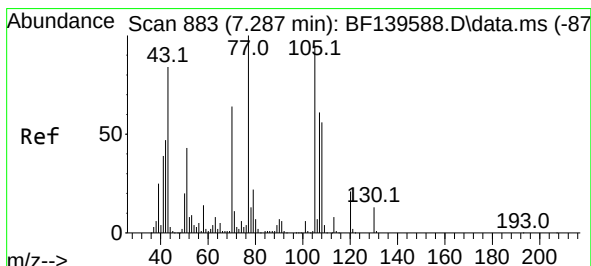
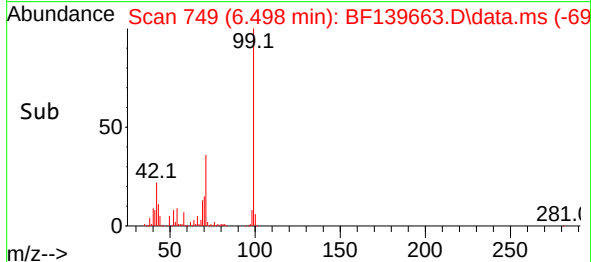
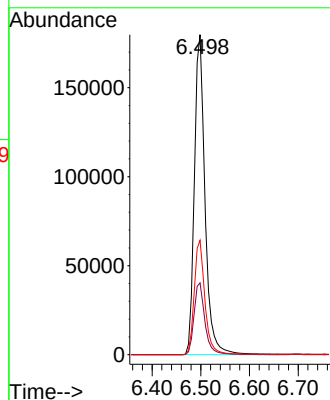
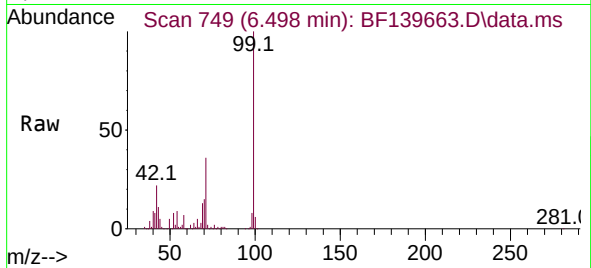




#7
Phenol-d6
Concen: 39.675 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

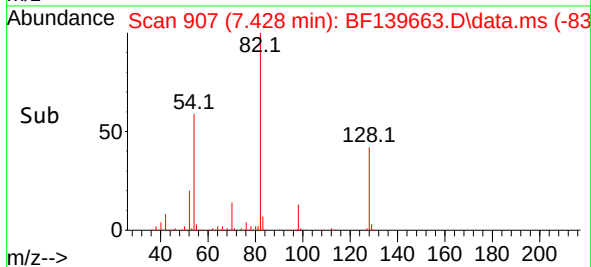
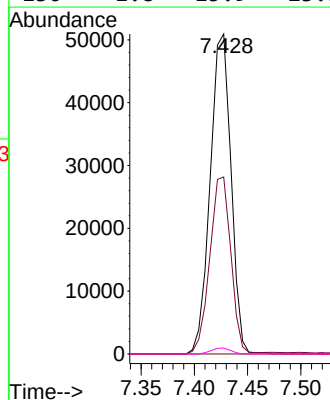
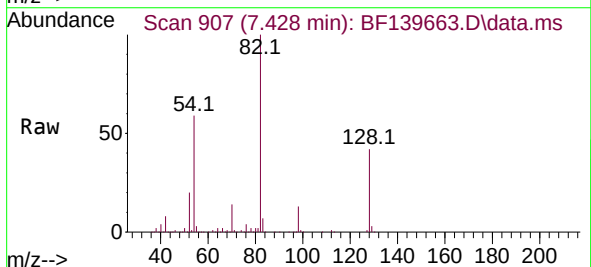
Instrument :
BNA_F
ClientSampleId :
MH-147

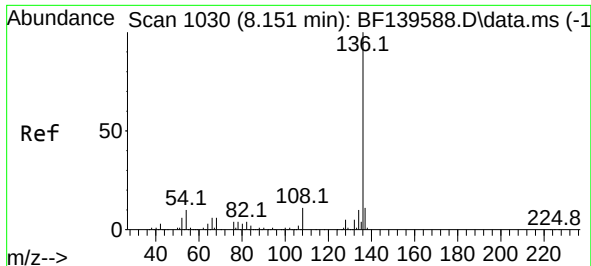
Tgt Ion: 99 Resp: 275353
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 35.7 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.519 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion: 70 Resp: 69243
Ion Ratio Lower Upper
70 100
42 55.3 58.0 87.0#
101 0.0 7.8 11.8#
130 1.8 15.9 23.9#

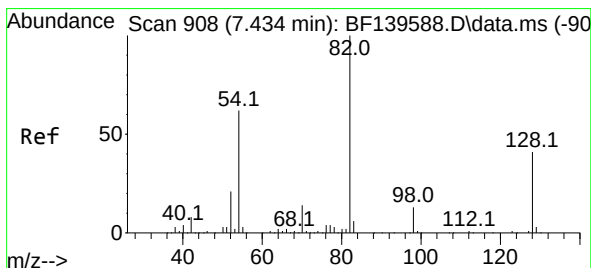
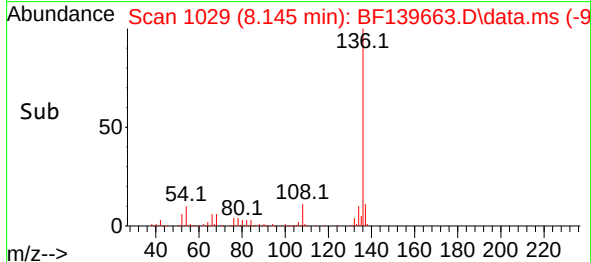
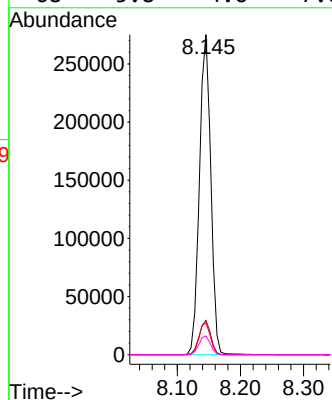
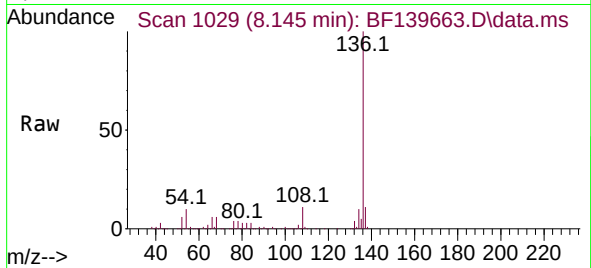




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

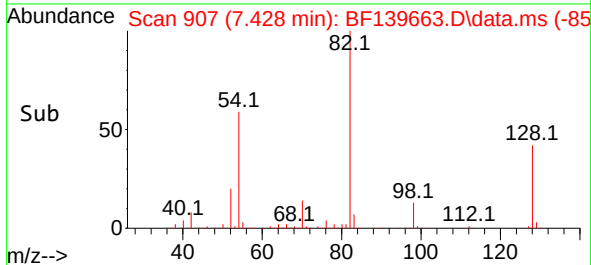
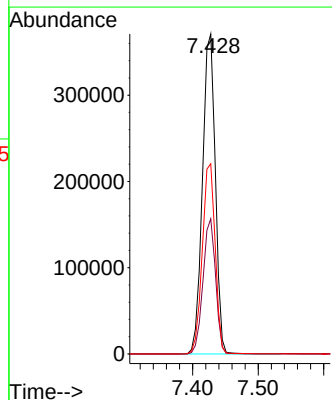
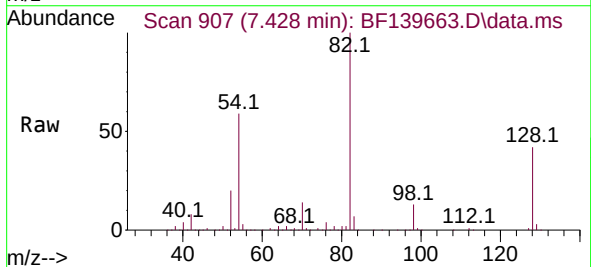
Instrument :
BNA_F
ClientSampleId :
MH-147

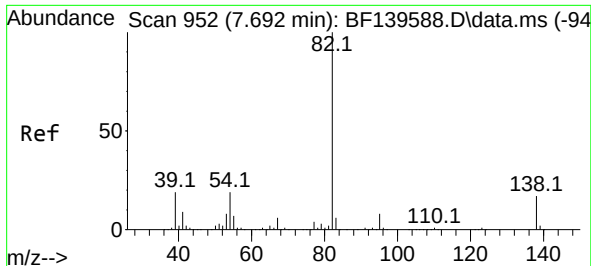
Tgt Ion:	136	Resp:	342471
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.9	8.3	12.5
68	5.8	4.6	7.0



#23
Nitrobenzene-d5
Concen: 74.991 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:	82	Resp:	507252
Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.4	48.6
54	59.5	49.1	73.7

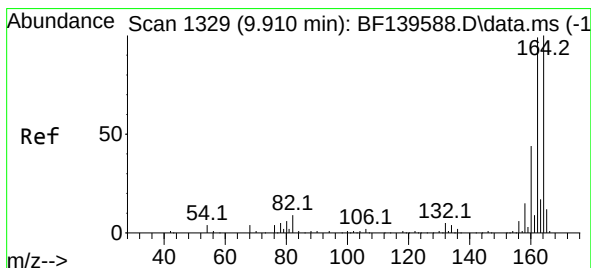
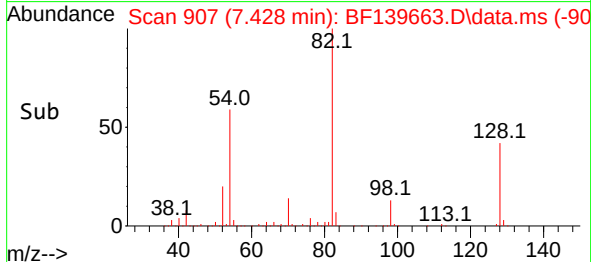
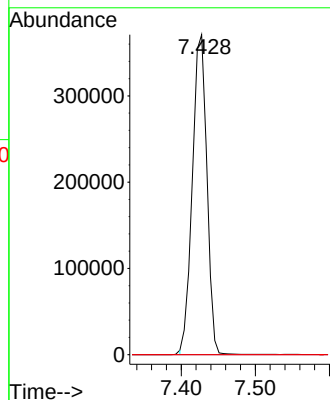
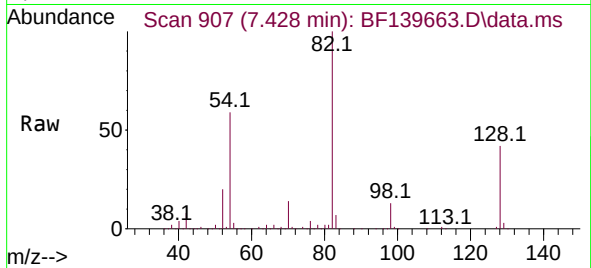




#25
Isophorone
Concen: 41.856 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

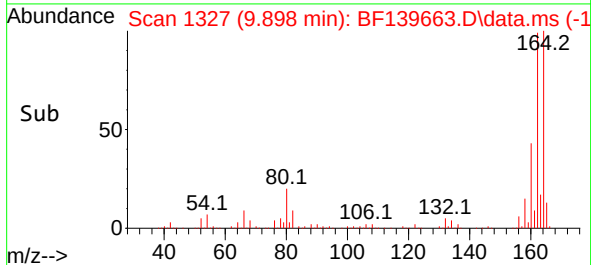
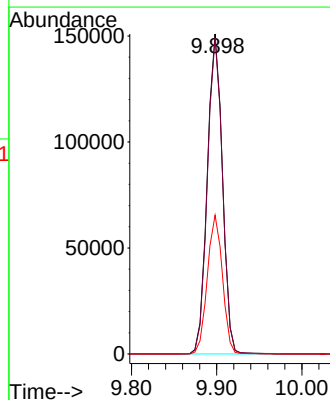
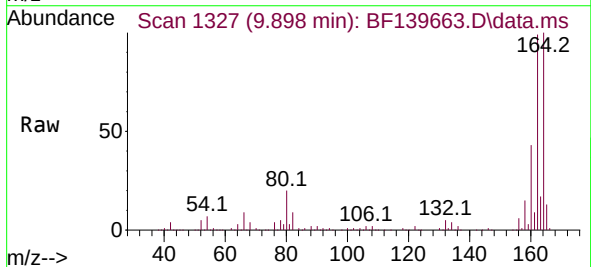
Instrument :
BNA_F
ClientSampleId :
MH-147

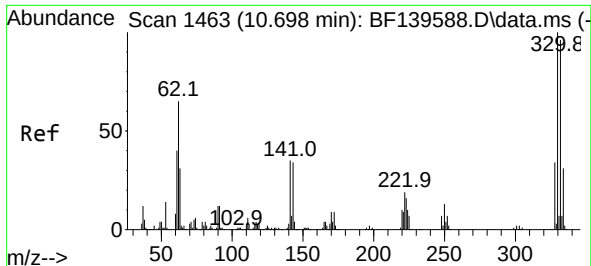
Tgt Ion: 82 Resp: 502858
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

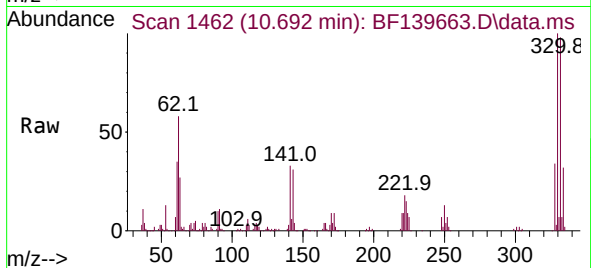
Tgt Ion:164 Resp: 186088
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 43.3 35.1 52.7



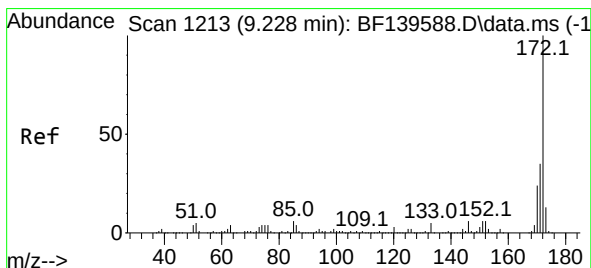
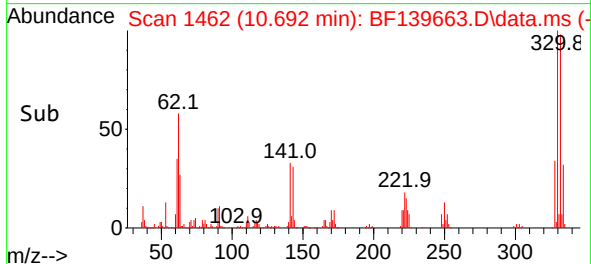
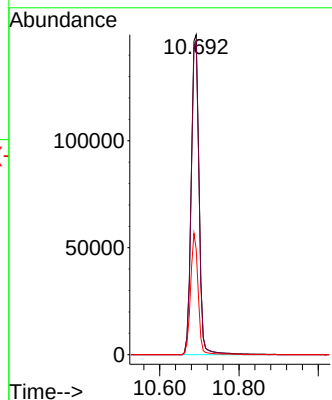


#42
2,4,6-Tribromophenol
Concen: 115.088 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Instrument :
BNA_F
ClientSampleId :
MH-147

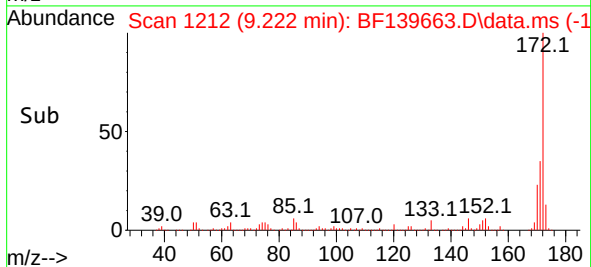
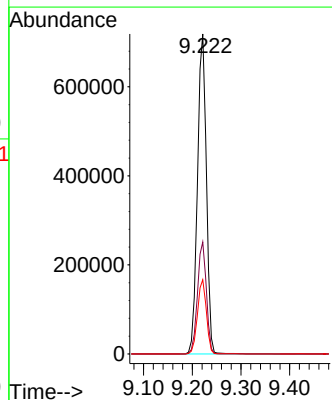
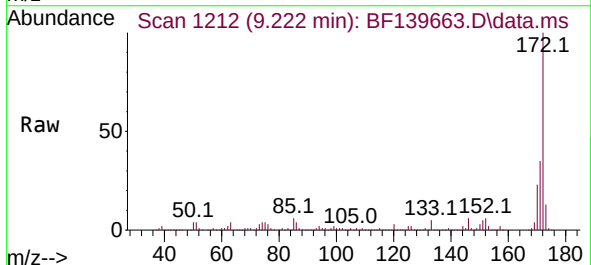


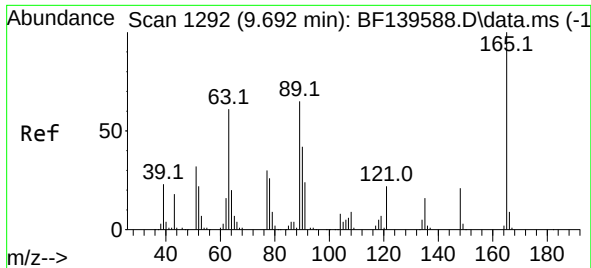
Tgt Ion:330 Resp: 206742
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 36.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 76.049 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:172 Resp: 921826
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 18.8 28.2

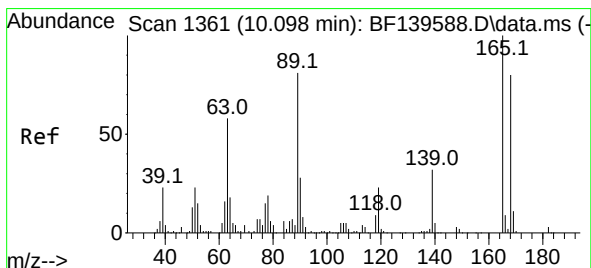
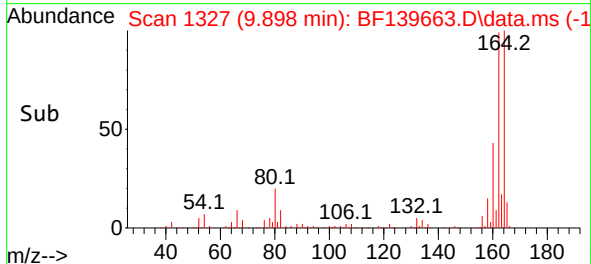
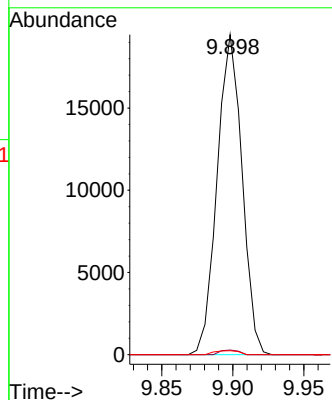
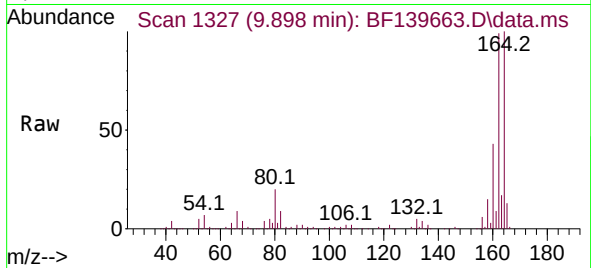




#51
2,6-Dinitrotoluene
Concen: 8.611 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

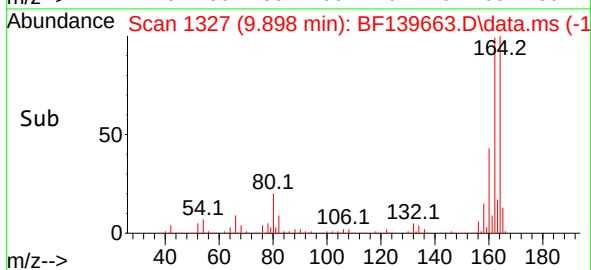
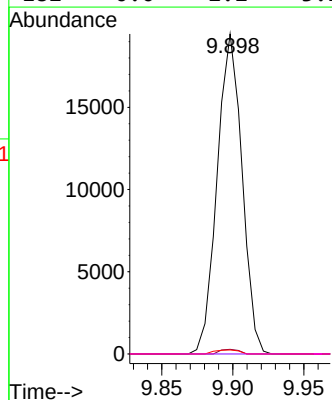
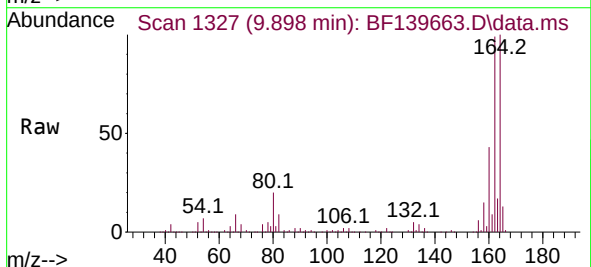
Instrument :
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ClientSampleId :
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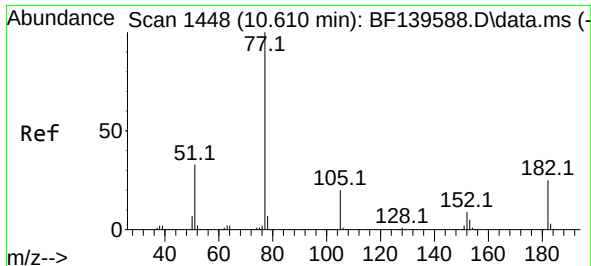
Tgt Ion:165 Resp: 23696
Ion Ratio Lower Upper
165 100
63 1.5 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.588 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:165 Resp: 23696
Ion Ratio Lower Upper
165 100
63 1.5 46.9 70.3#
89 1.2 64.4 96.6#
182 0.0 2.2 3.2#

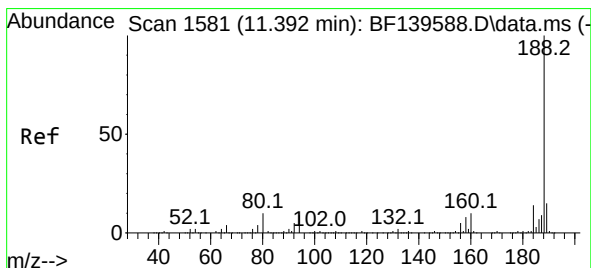
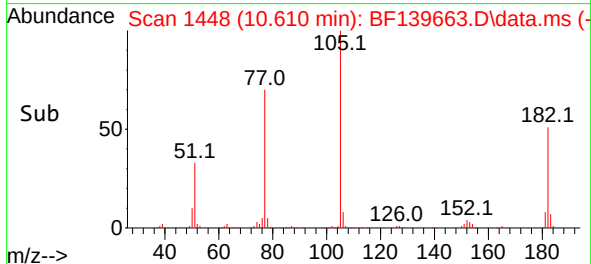
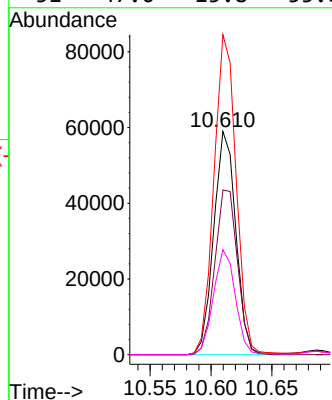
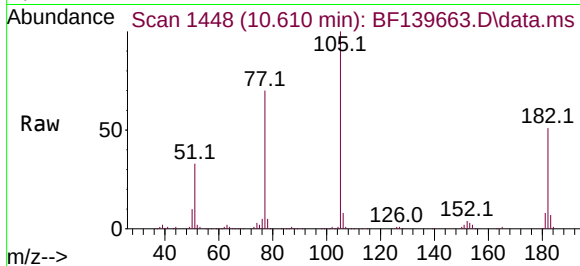




#63
Azobenzene
Concen: 5.887 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

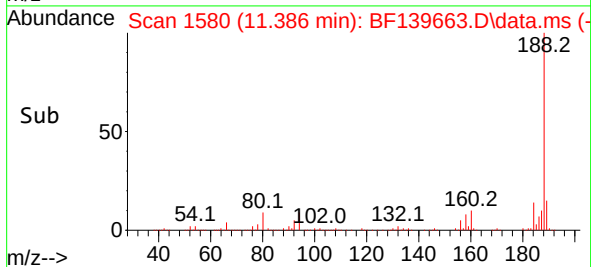
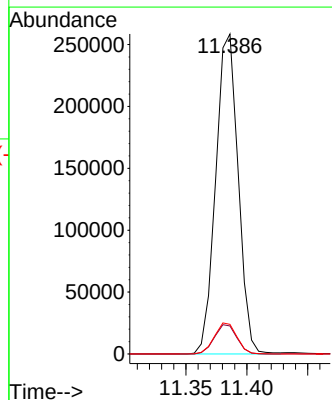
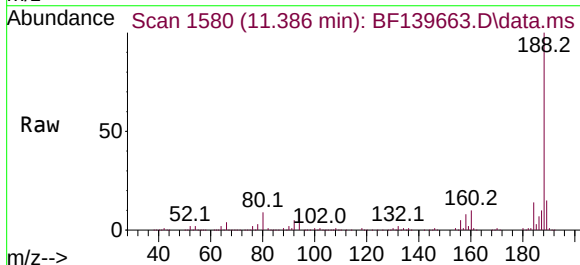
Instrument :
BNA_F
ClientSampleId :
MH-147

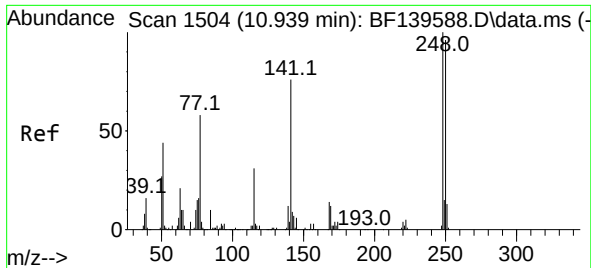
Tgt Ion: 77	Resp: 74494
Ion Ratio	Lower Upper
77 100	
182 73.8	4.2 44.2#
105 143.3	0.0 39.6#
51 47.0	15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion: 188	Resp: 331838
Ion Ratio	Lower Upper
188 100	
94 8.7	7.4 11.2
80 9.3	8.2 12.2

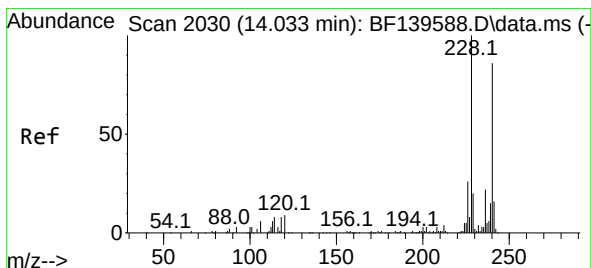
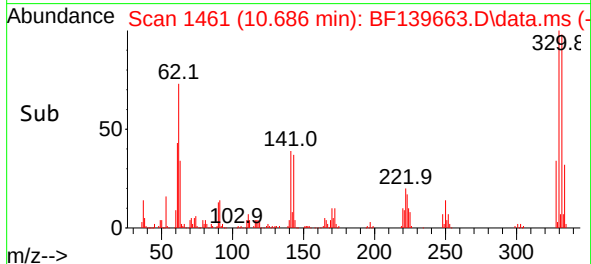
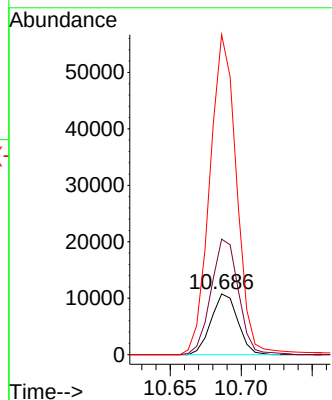
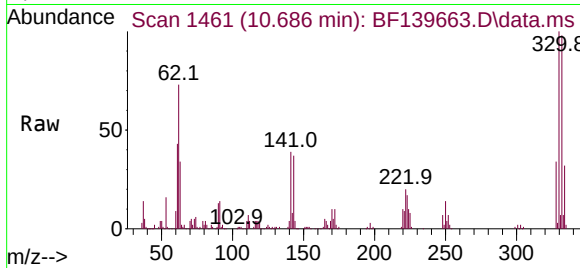




#67
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

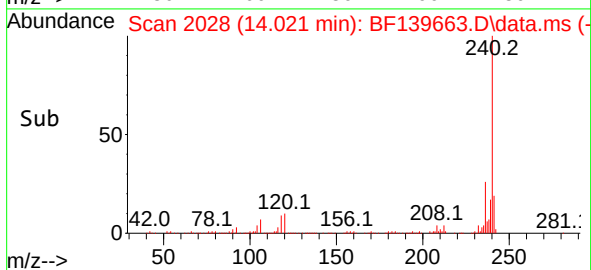
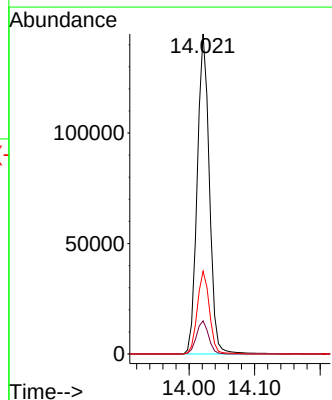
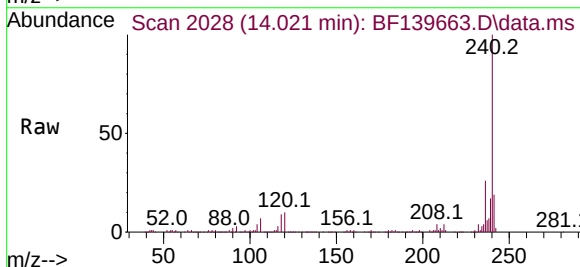
Instrument :
BNA_F
ClientSampleId :
MH-147

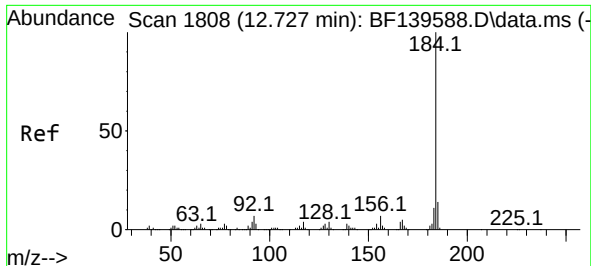
Tgt Ion:248 Resp: 14066
Ion Ratio Lower Upper
248 100
250 190.2 77.1 115.7#
141 526.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:240 Resp: 186521
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.8 20.3 30.5

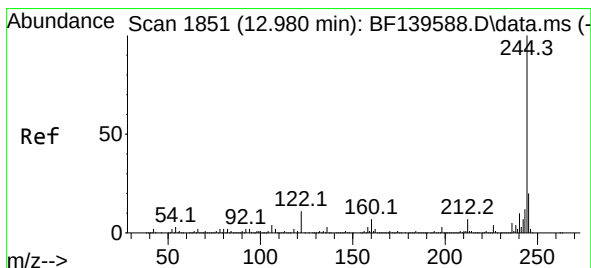
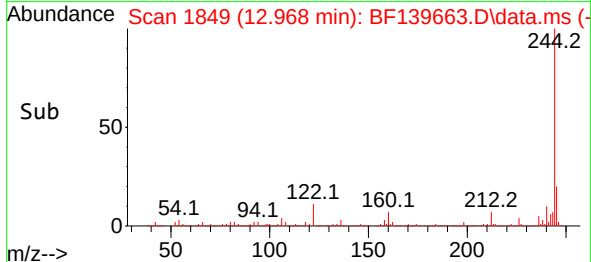
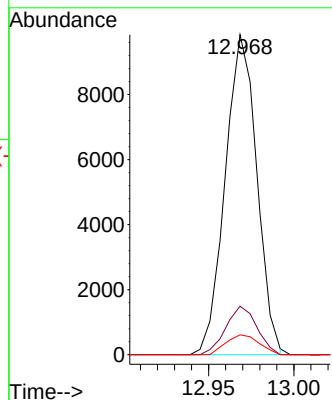
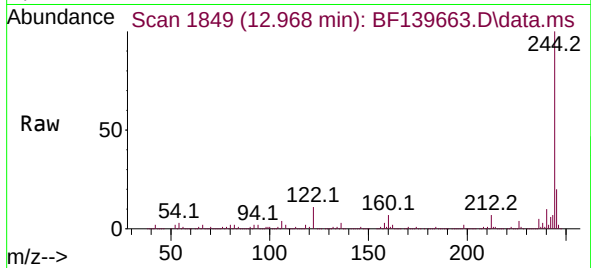




#77
Benzidine
Concen: 3.861 ng
RT: 12.968 min Scan# 1849
Delta R.T. 0.241 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

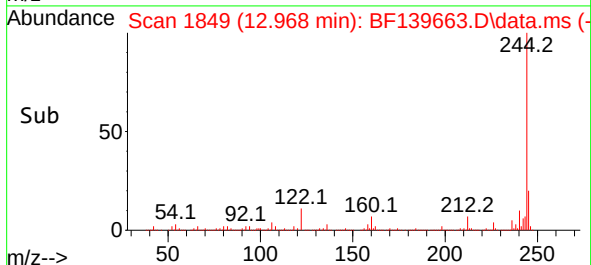
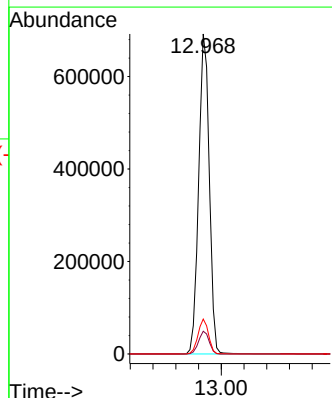
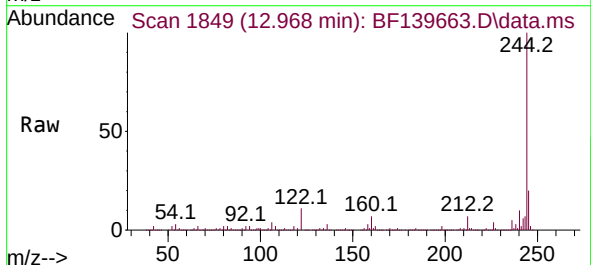
Instrument :
BNA_F
ClientSampleId :
MH-147

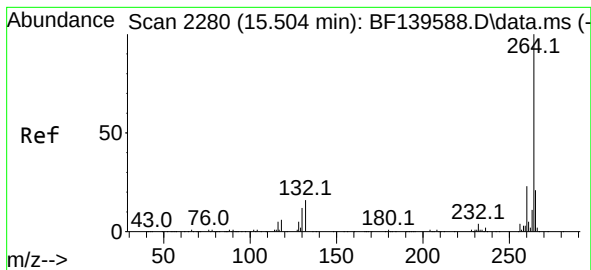
Tgt Ion:184 Resp: 12704
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.0
183 6.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 79.253 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:244 Resp: 900910
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139663.D
 Acq: 04 Oct 2024 17:55

Instrument :
 BNA_F
 ClientSampleId :
 MH-147

Tgt Ion:264 Resp: 200878
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 16.9 25.3

