

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135713.D
 Acq On : 11 Oct 2023 15:10
 Operator : CG\JU
 Sample : 04656-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Quant Time: Oct 12 00:48:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

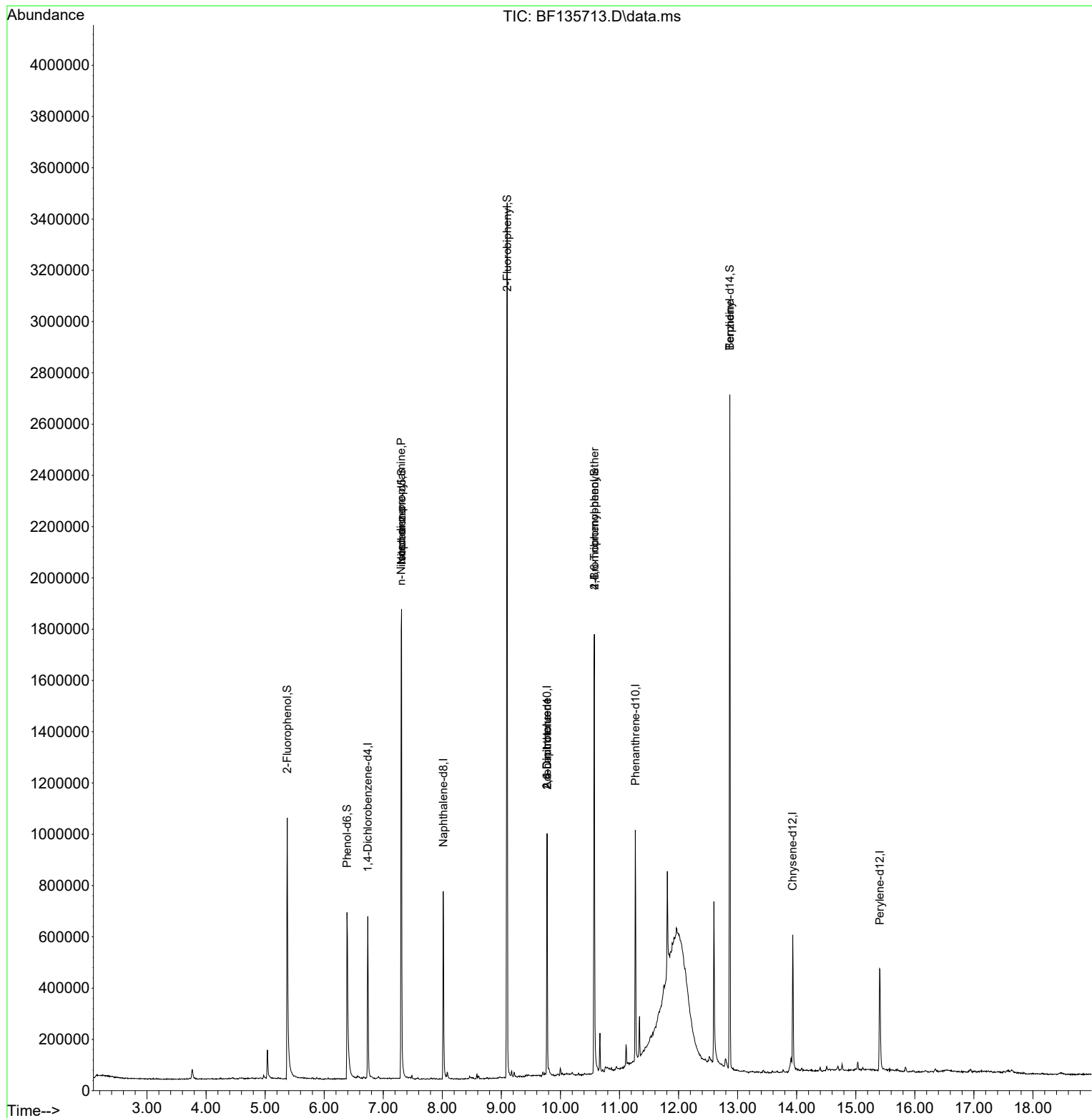
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	94617	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	331765	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	182885	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	321510	20.000	ng	0.00
76) Chrysene-d12	13.933	240	172671	20.000	ng	0.00
86) Perylene-d12	15.409	264	217571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	352746	60.636	ng	0.00
7) Phenol-d6	6.386	99	295065	39.889	ng	0.00
23) Nitrobenzene-d5	7.310	82	615135	100.734	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	230997	127.101	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1068605	88.155	ng	0.00
79) Terphenyl-d14	12.868	244	913311	81.994	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	81685	17.828	ng	Qvalue
25) Isophorone	7.310	82	615135	54.858	ng	# 80
51) 2,6-Dinitrotoluene	9.774	165	23784	8.780	ng	# 65
57) 2,4-Dinitrotoluene	9.774	165	23784	7.014	ng	# 17
67) 4-Bromophenyl-phenylether	10.574	248	14593	4.564	ng	# 18
77) Benzidine	12.868	184	11453	3.238	ng	# 1

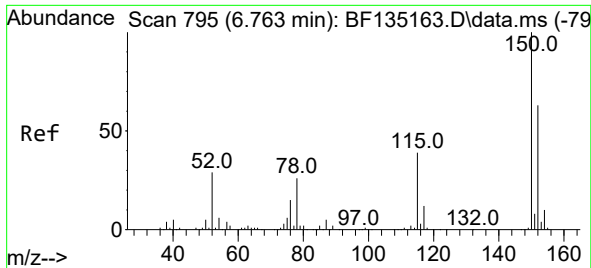
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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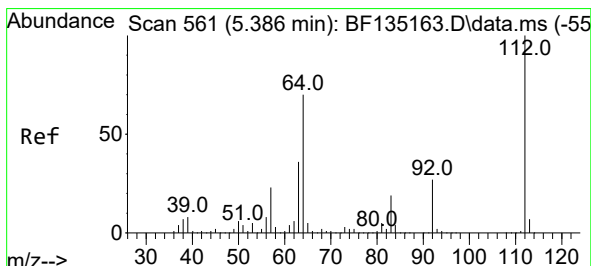
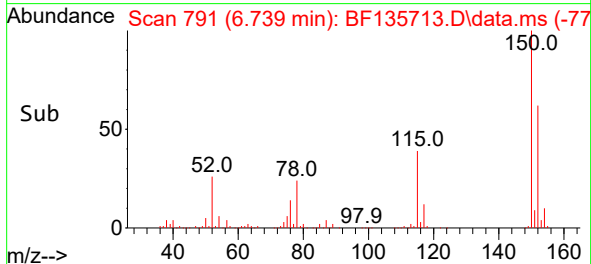
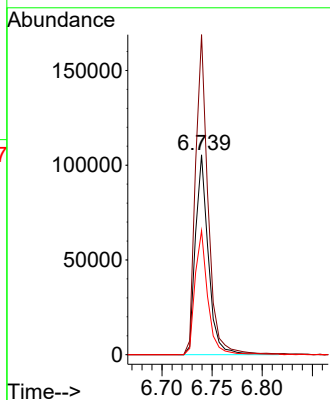
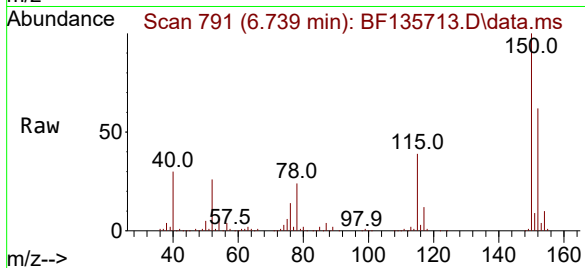




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

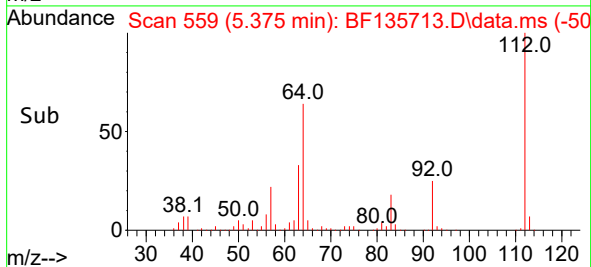
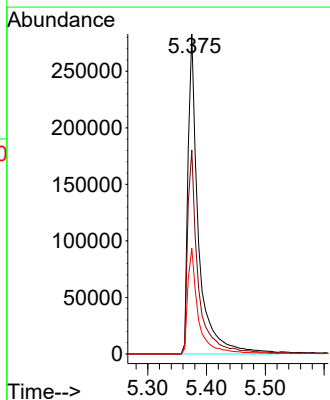
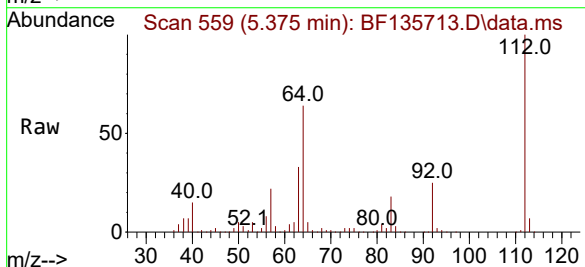
Instrument :
BNA_F
ClientSampleId :
MW-105S

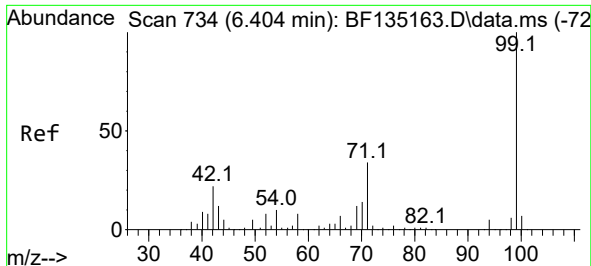
Tgt Ion:152 Resp: 94617
Ion Ratio Lower Upper
152 100
150 160.1 127.8 191.6
115 62.0 49.8 74.8



#5
2-Fluorophenol
Concen: 60.636 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion:112 Resp: 352746
Ion Ratio Lower Upper
112 100
64 63.7 55.9 83.9
63 33.0 29.0 43.6

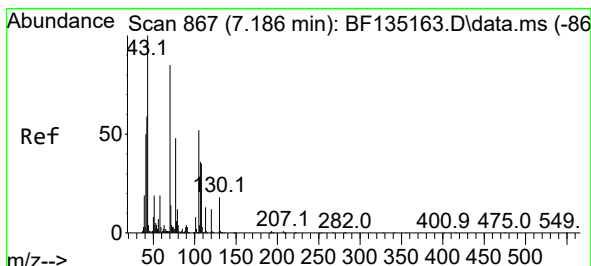
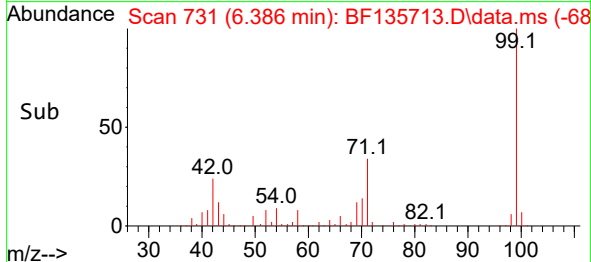
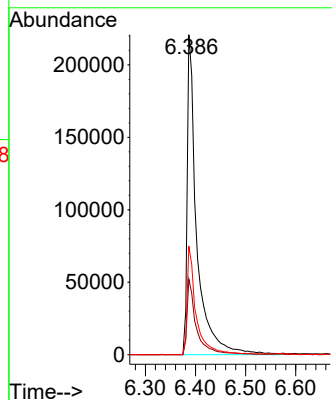
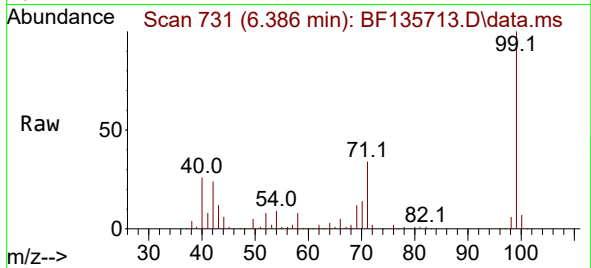




#7
Phenol-d6
Concen: 39.889 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

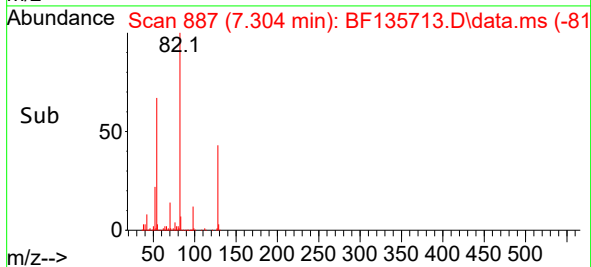
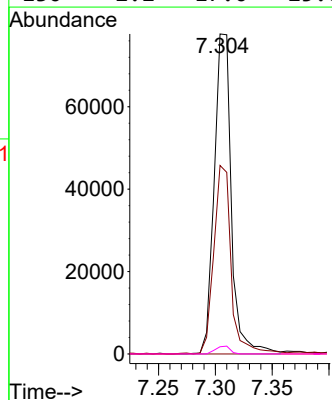
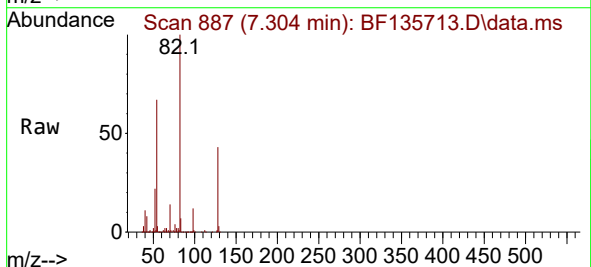
Instrument :
BNA_F
ClientSampleId :
MW-105S

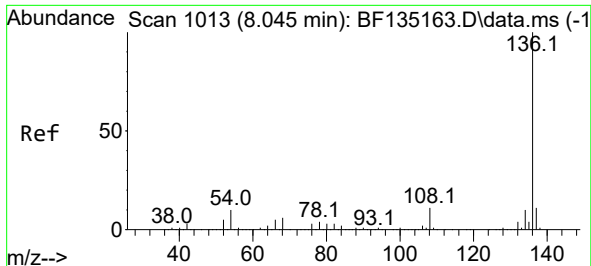
Tgt Ion: 99 Resp: 295065
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 33.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.828 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion: 70 Resp: 81685
Ion Ratio Lower Upper
70 100
42 58.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

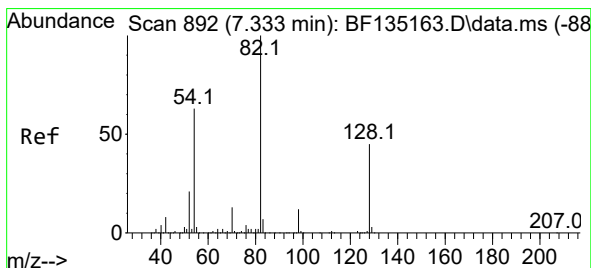
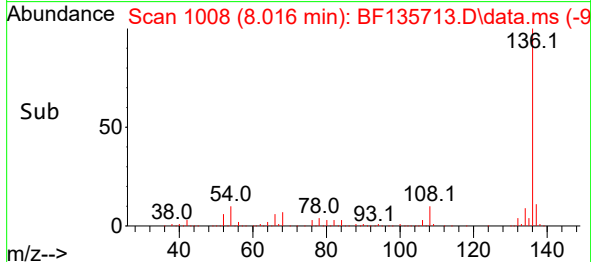
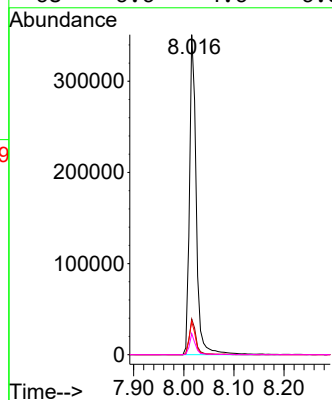
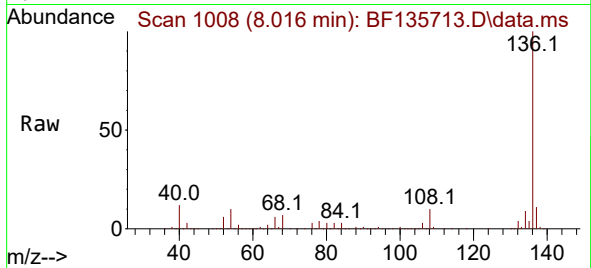




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

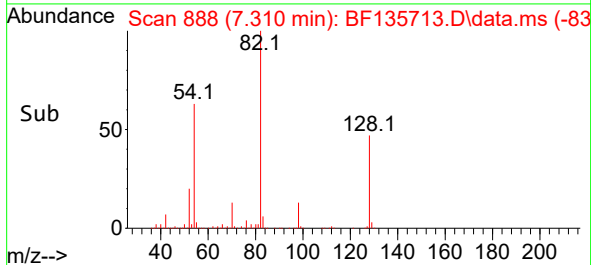
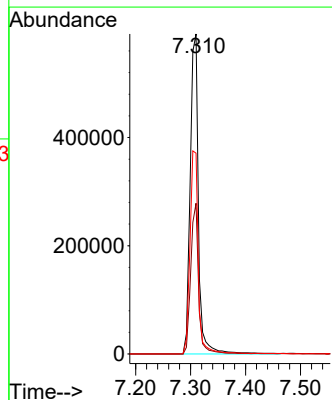
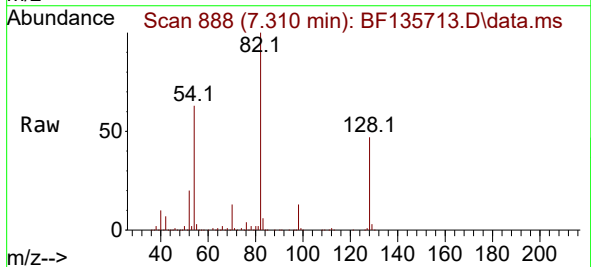
Instrument :
BNA_F
ClientSampleId :
MW-105S

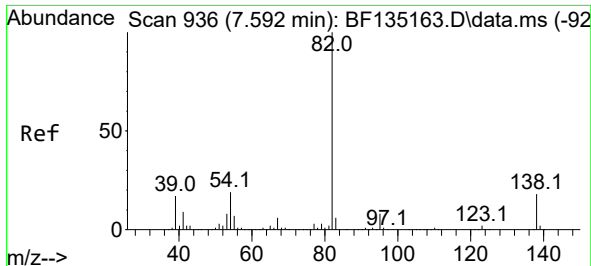
Tgt	Ion:136	Resp:	331765
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.3	7.7	11.5
68	6.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 100.734 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion: 82	Resp: 615135
Ion Ratio	Lower Upper
82 100	
128 47.1	35.8 53.6
54 62.7	50.6 76.0

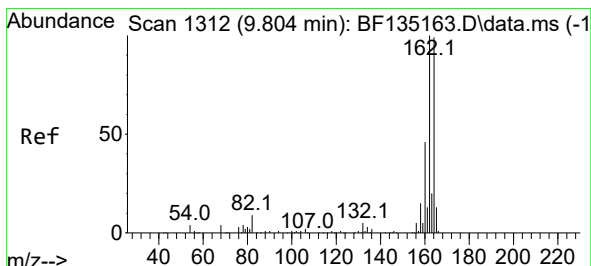
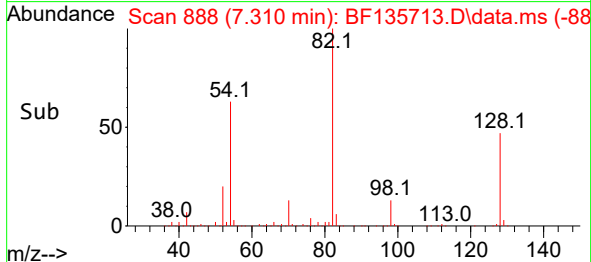
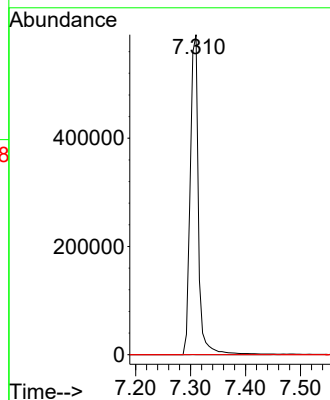
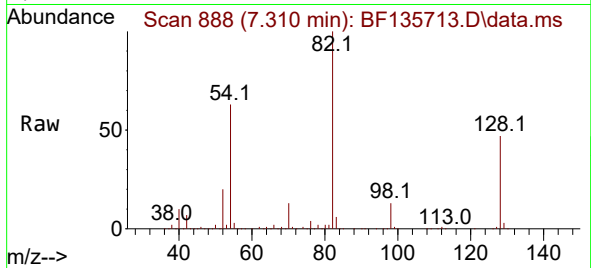




#25
Isophorone
Concen: 54.858 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

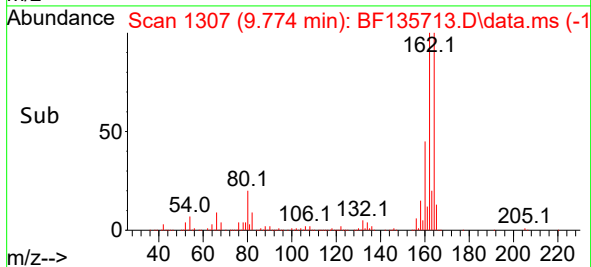
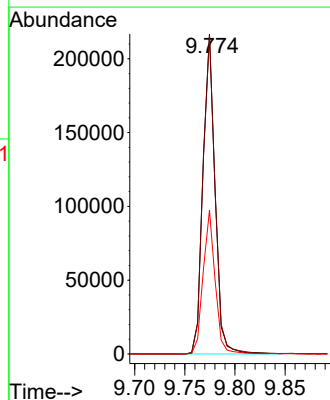
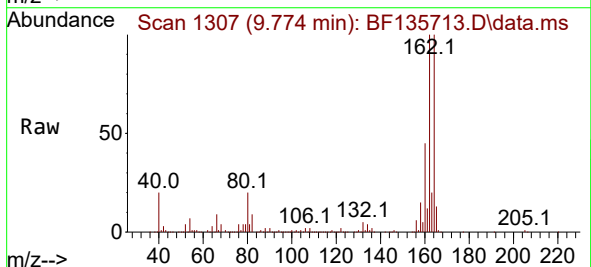
Instrument :
BNA_F
ClientSampleId :
MW-105S

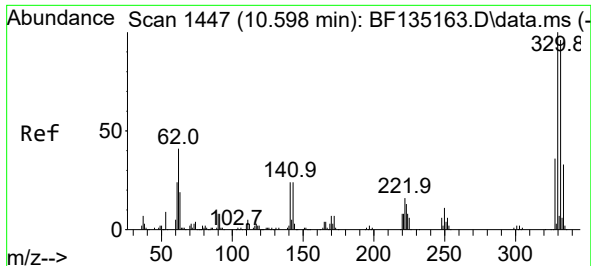
Tgt Ion: 82 Resp: 615135
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion:164 Resp: 182885
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 45.0 37.0 55.4



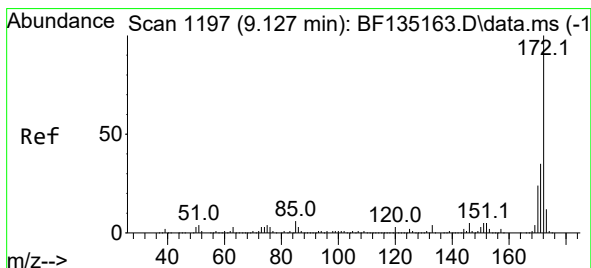
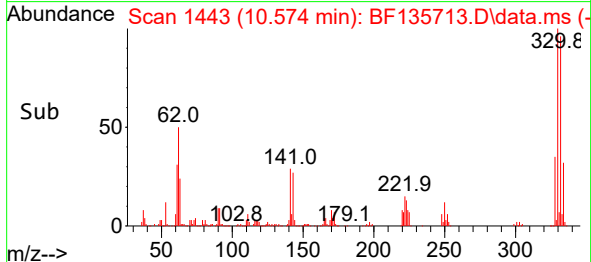
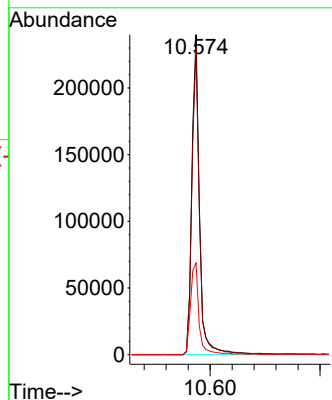
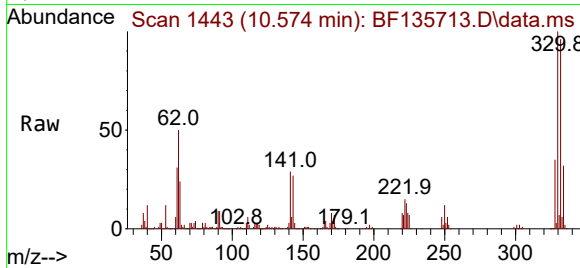


#42
 2,4,6-Tribromophenol
 Concen: 127.101 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. -0.000 min
 Lab File: BF135713.D
 Acq: 11 Oct 2023 15:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Tgt Ion:330 Resp: 230997

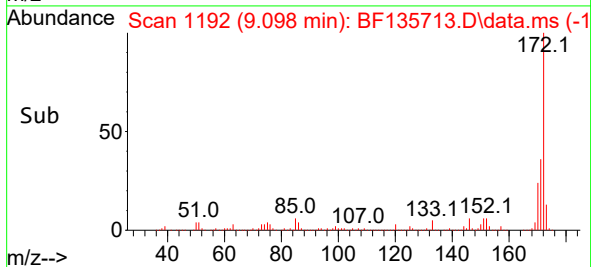
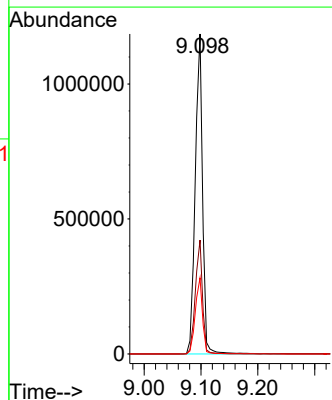
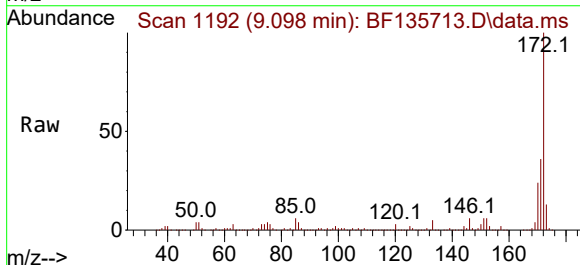
Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	31.8	25.8	38.8

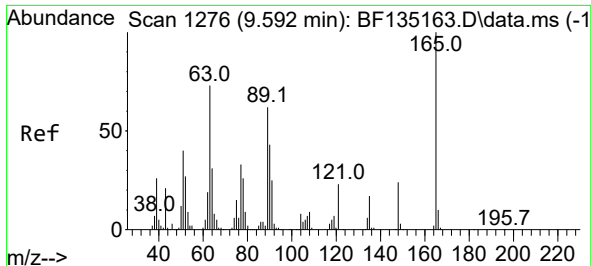


#45
 2-Fluorobiphenyl
 Concen: 88.155 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF135713.D
 Acq: 11 Oct 2023 15:10

Tgt Ion:172 Resp: 1068605

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.8	19.0	28.4

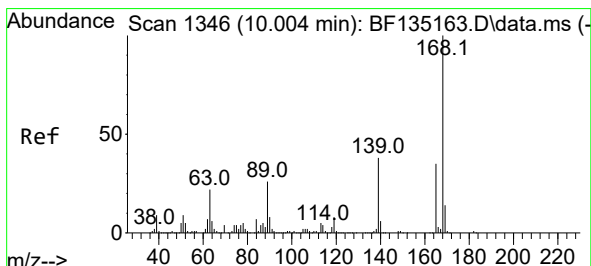
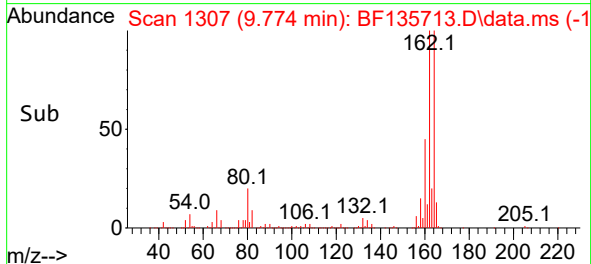
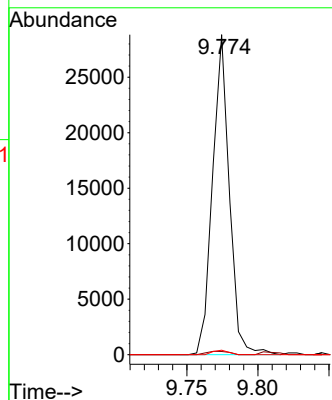
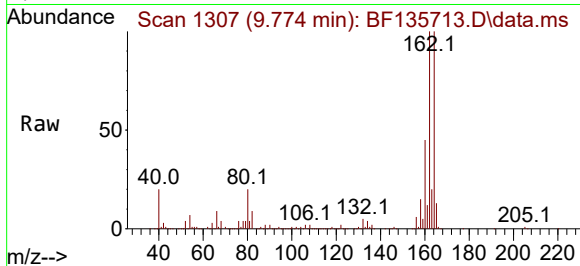




#51
2,6-Dinitrotoluene
Concen: 8.780 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

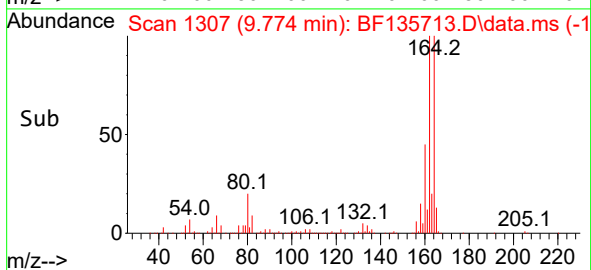
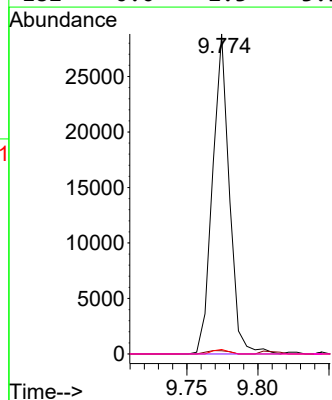
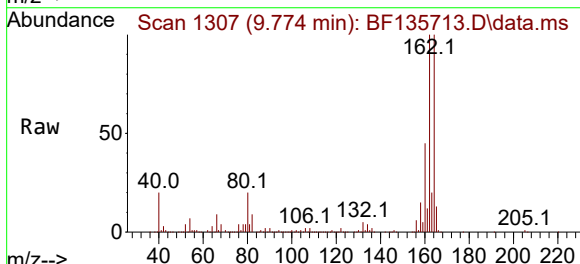
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BNA_F
ClientSampleId :
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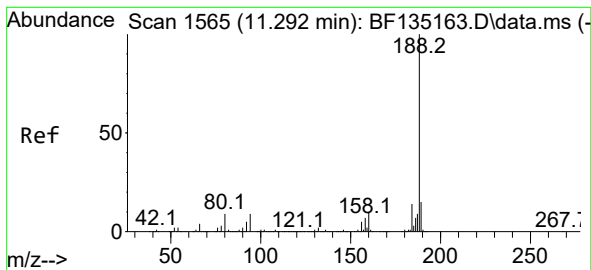
Tgt Ion:165 Resp: 23784
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.014 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion:165 Resp: 23784
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MW-105S

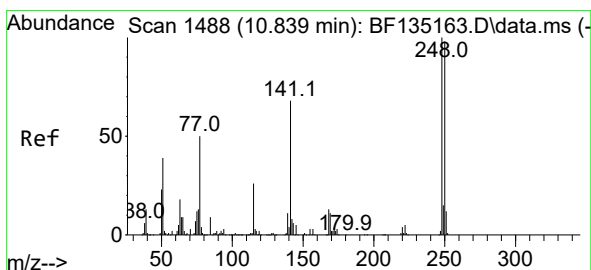
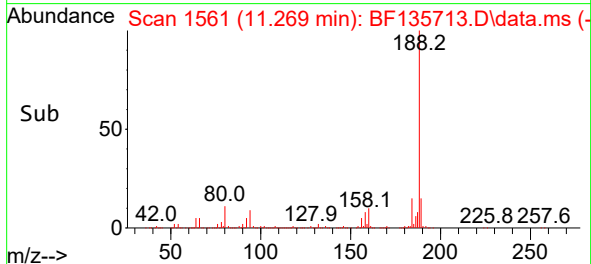
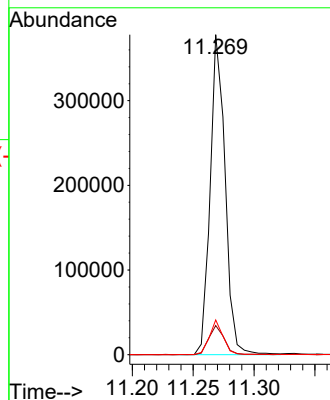
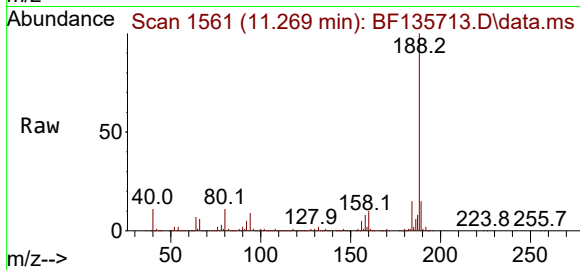
Tgt Ion:188 Resp: 321510

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 10.9 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.564 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

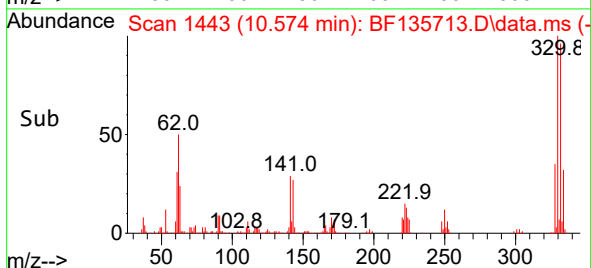
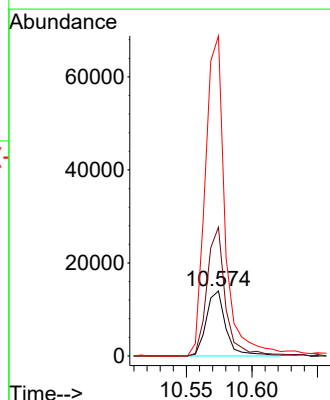
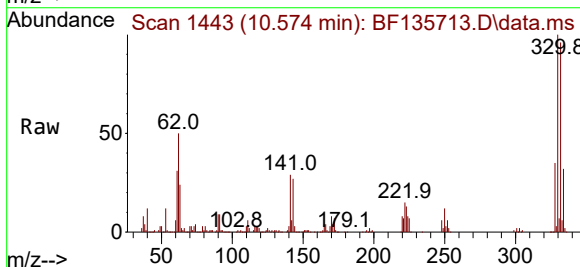
Tgt Ion:248 Resp: 14593

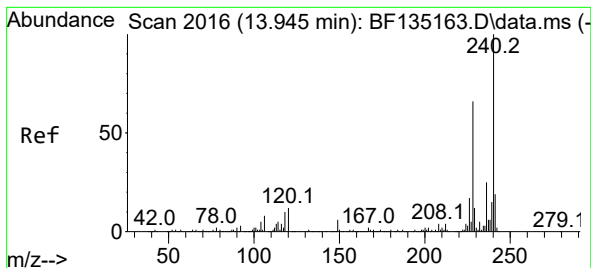
Ion Ratio Lower Upper

248 100

250 198.4 78.6 117.8#

141 492.9 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MW-105S

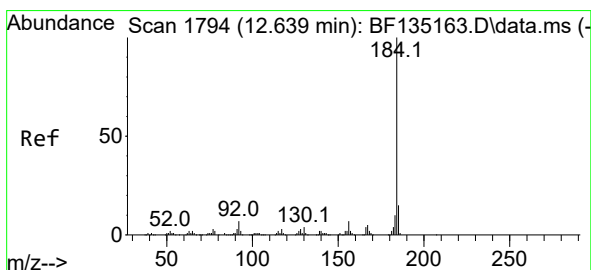
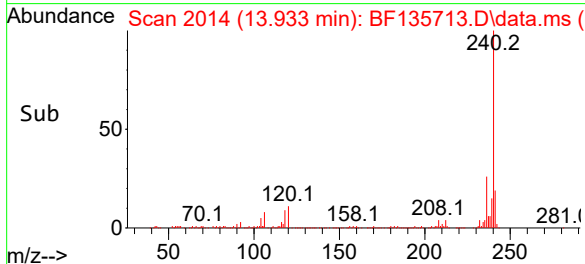
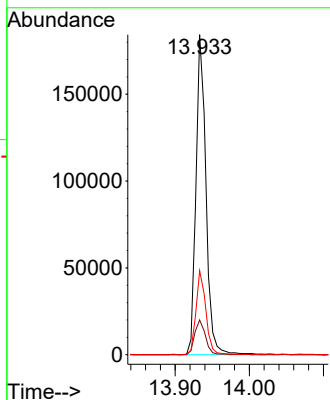
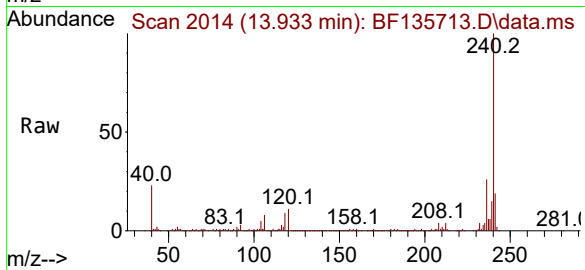
Tgt Ion:240 Resp: 172671

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.2 19.8 29.8



#77

Benzidine

Concen: 3.238 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.241 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

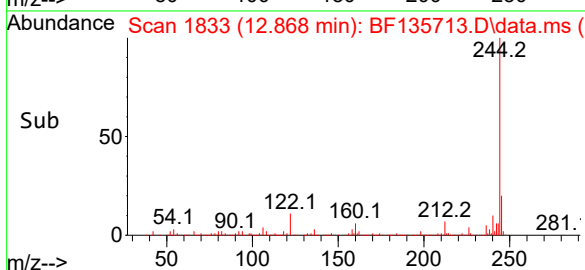
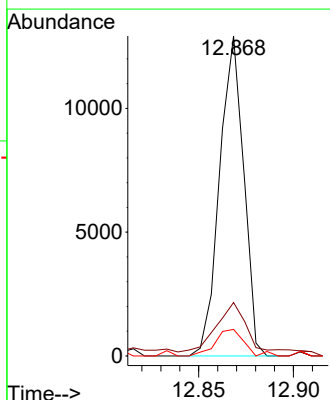
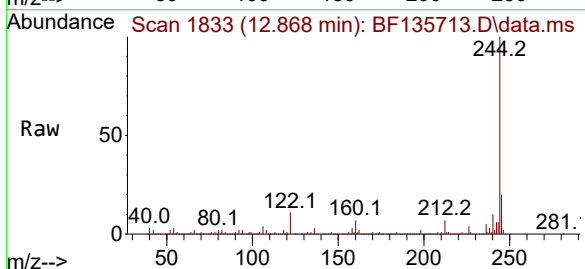
Tgt Ion:184 Resp: 11453

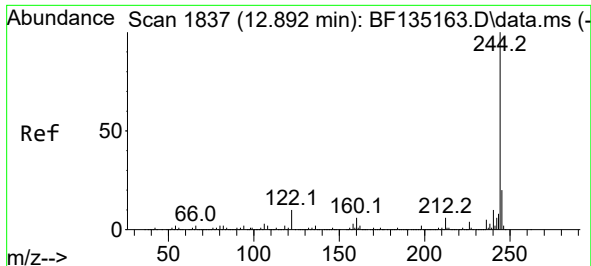
Ion Ratio Lower Upper

184 100

185 16.7 11.7 17.5

183 8.3 8.2 12.4

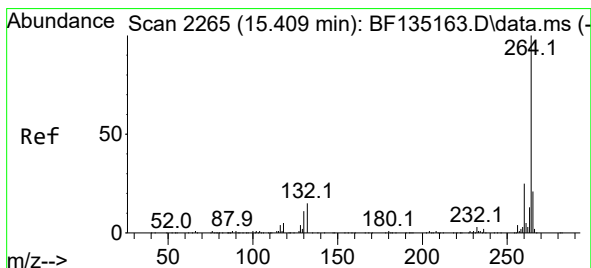
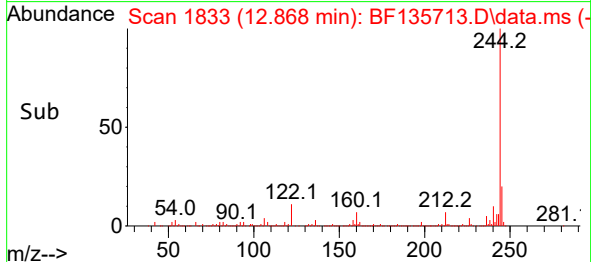
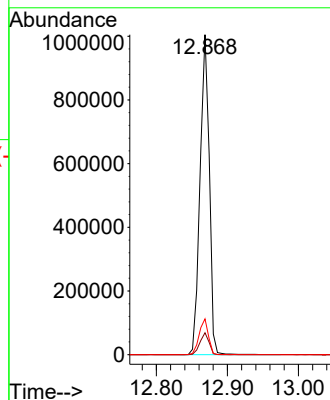
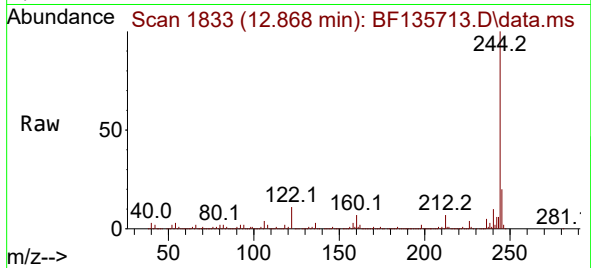




#79
 Terphenyl-d14
 Concen: 81.994 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135713.D
 Acq: 11 Oct 2023 15:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Tgt Ion:244 Resp: 913311
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.2 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135713.D
 Acq: 11 Oct 2023 15:10

Tgt Ion:264 Resp: 217571
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.8 29.6
 265 20.4 17.0 25.4

