

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139741.D
 Acq On : 10 Oct 2024 12:42
 Operator : RC/JU
 Sample : P4340-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-3

Quant Time: Oct 10 13:06:50 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)

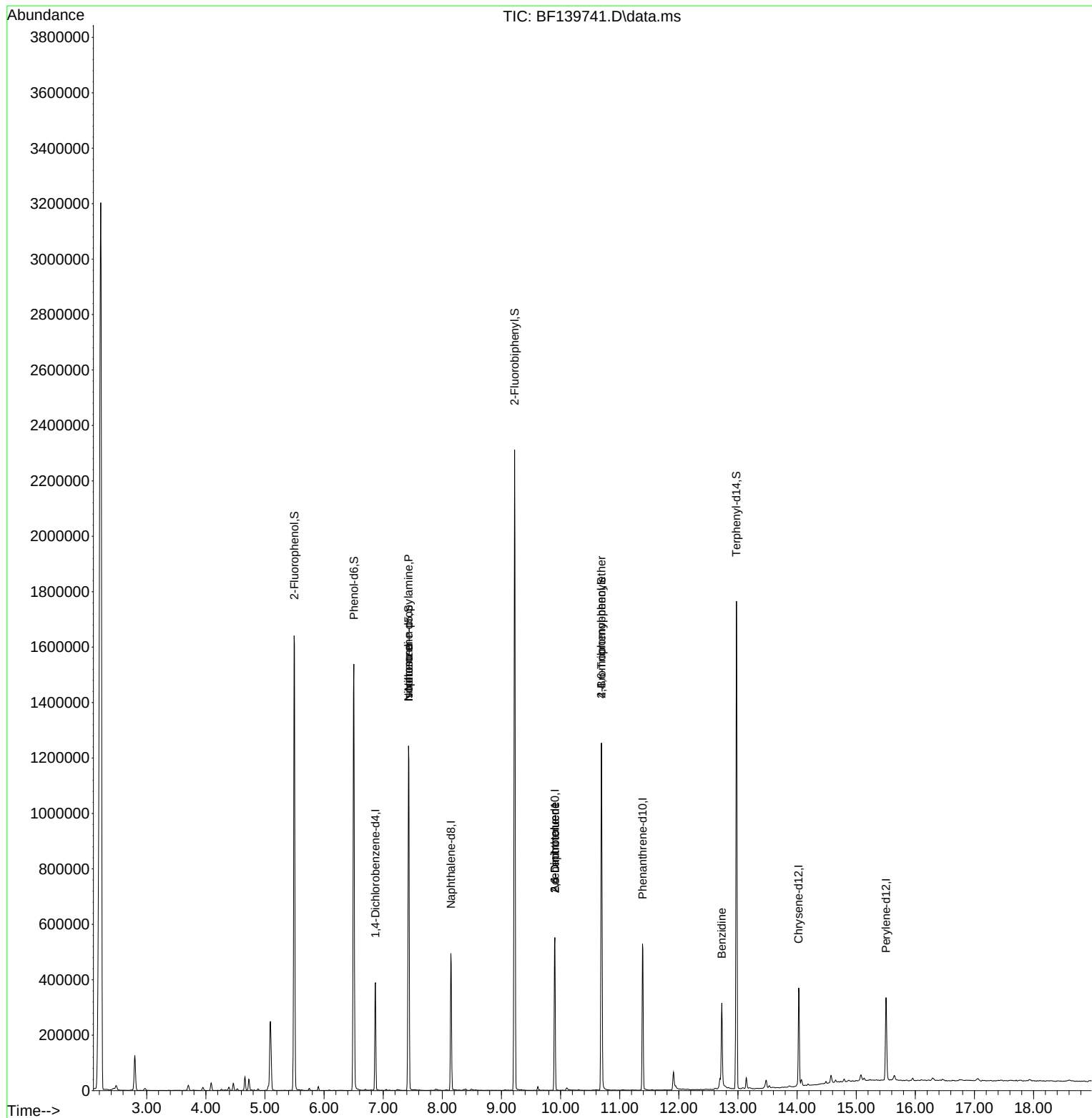
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81182	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304829	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	162499	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	287458	20.000	ng	0.00
76) Chrysene-d12	14.027	240	168792	20.000	ng	0.00
86) Perylene-d12	15.504	264	168324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	587214	125.371	ng	0.01
7) Phenol-d6	6.504	99	713343	113.252	ng	0.00
23) Nitrobenzene-d5	7.428	82	556743	92.472	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	197801	126.095	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1000744	94.544	ng	0.00
79) Terphenyl-d14	12.974	244	840723	81.727	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	75903	18.744	ng	# 74
25) Isophorone	7.428	82	553135	51.727	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	20857	8.680	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	20857	6.640	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	13724	4.656	ng	# 1
77) Benzydine	12.727	184	179791	60.387	ng	99

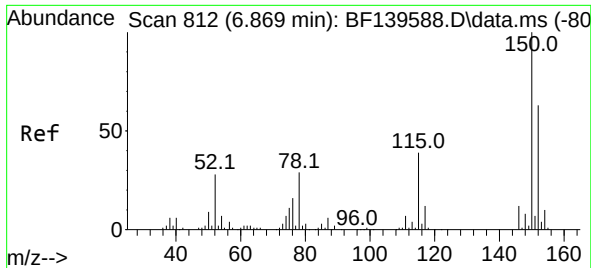
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

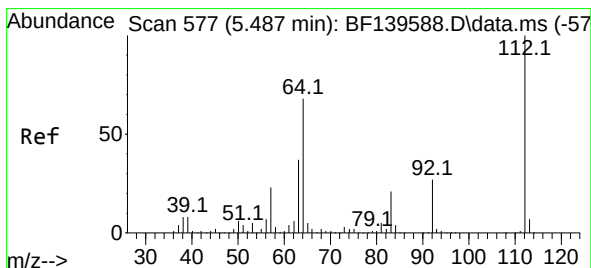
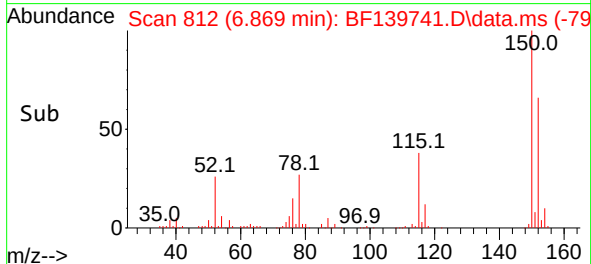
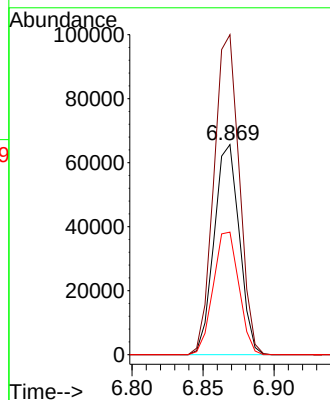
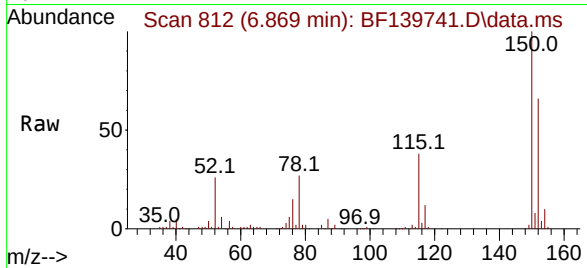




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

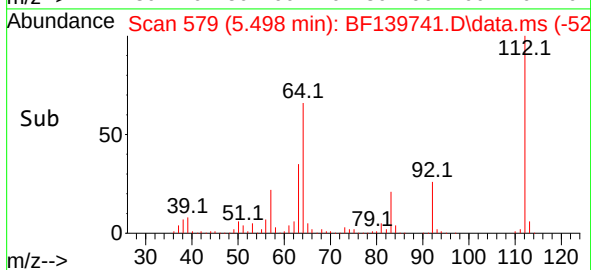
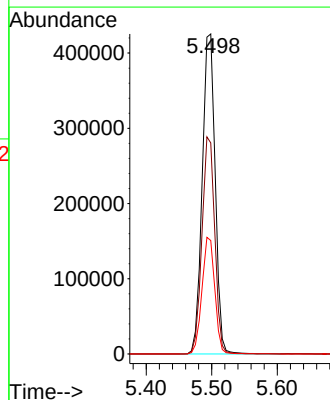
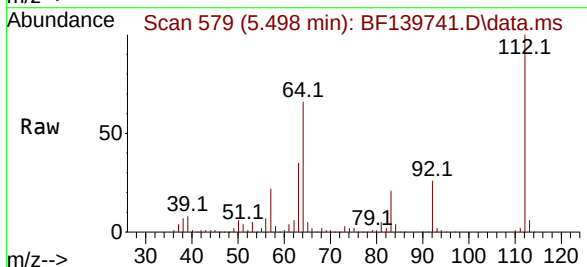
Instrument :
BNA_F
ClientSampleId :
1B-3

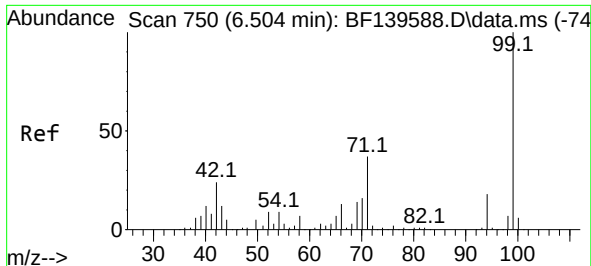
Tgt Ion:152 Resp: 81182
Ion Ratio Lower Upper
152 100
150 152.3 127.2 190.8
115 58.4 49.0 73.4



#5
2-Fluorophenol
Concen: 125.371 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Tgt Ion:112 Resp: 587214
Ion Ratio Lower Upper
112 100
64 65.9 54.2 81.4
63 35.5 29.4 44.2

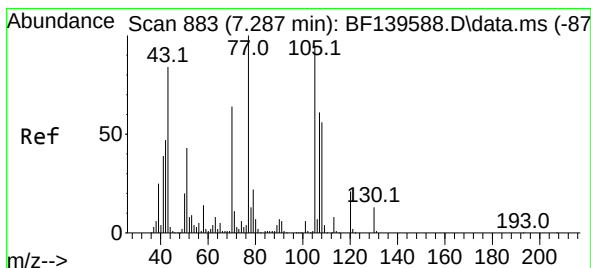
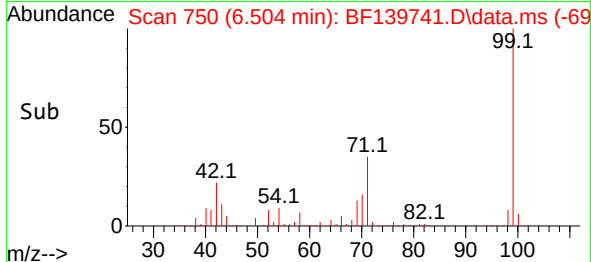
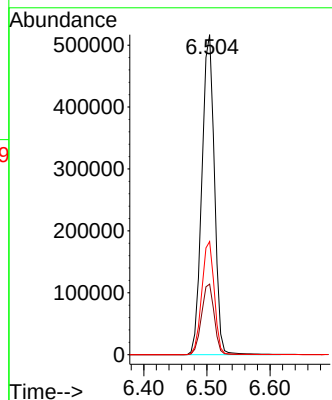
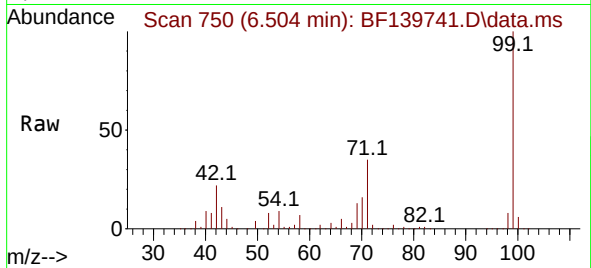




#7
Phenol-d6
Concen: 113.252 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

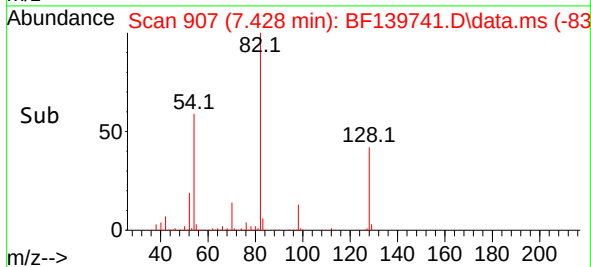
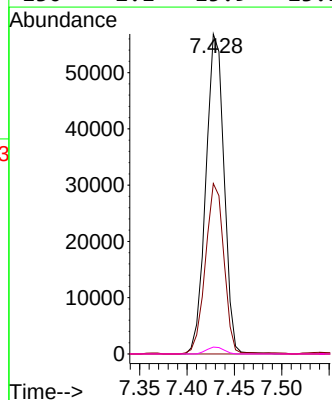
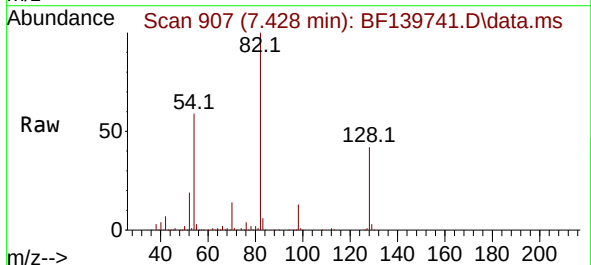
Instrument :
BNA_F
ClientSampleId :
1B-3

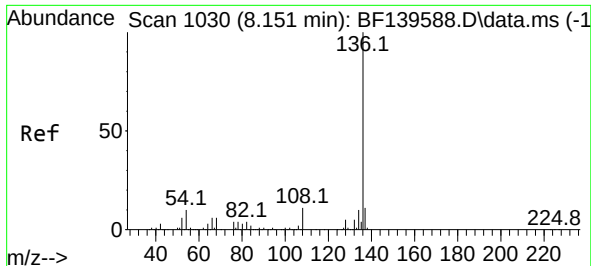
Tgt Ion: 99 Resp: 713343
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.3 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.744 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Tgt Ion: 70 Resp: 75903
Ion Ratio Lower Upper
70 100
42 53.2 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#

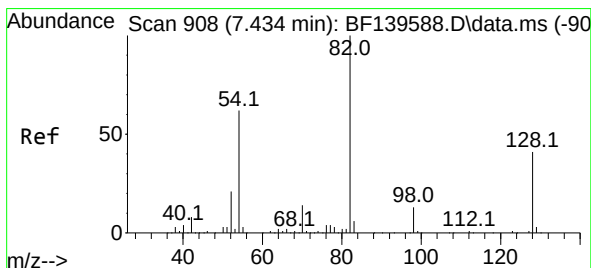
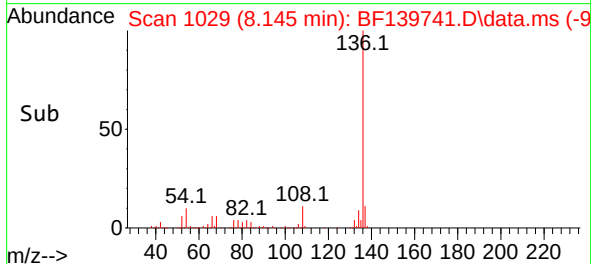
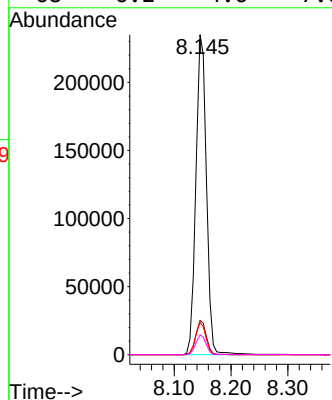
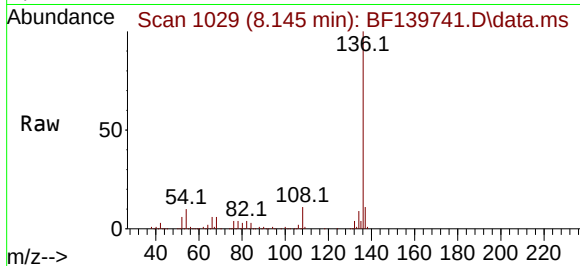




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

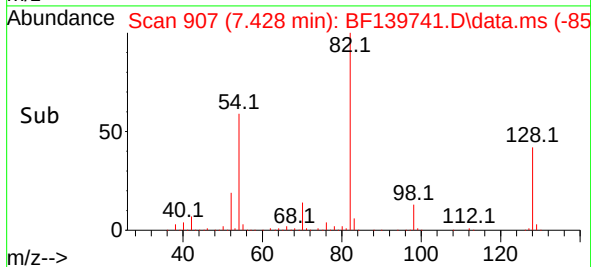
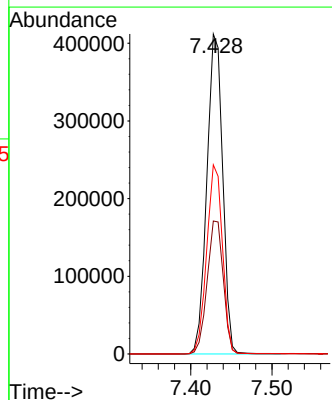
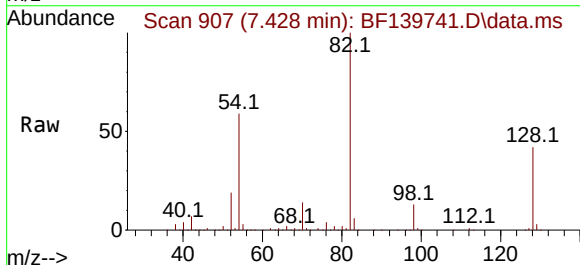
Instrument :
BNA_F
ClientSampleId :
1B-3

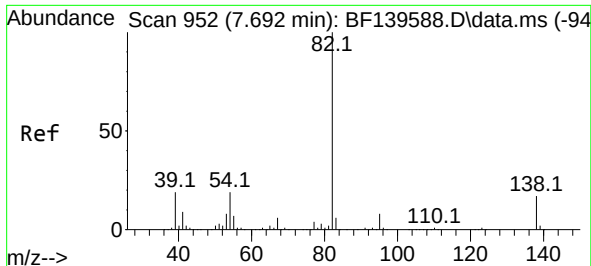
Tgt Ion:136 Resp: 304829
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.3 12.5
68 6.2 4.6 7.0



#23
Nitrobenzene-d5
Concen: 92.472 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Tgt Ion: 82 Resp: 556743
Ion Ratio Lower Upper
82 100
128 41.6 32.4 48.6
54 59.1 49.1 73.7

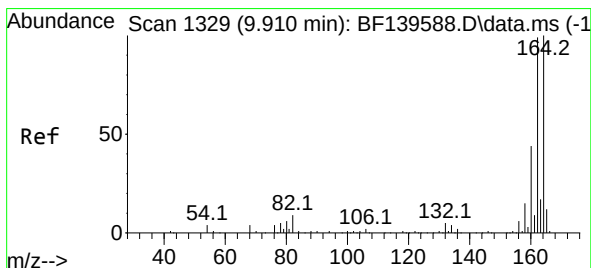
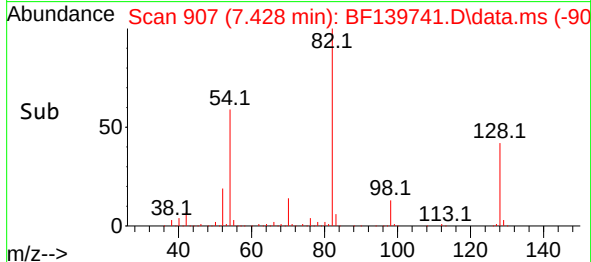
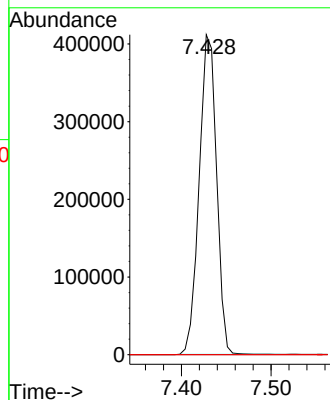
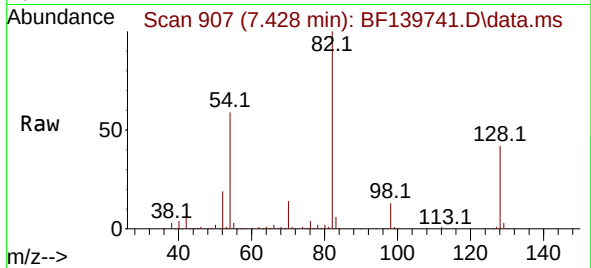




#25
Isophorone
Concen: 51.727 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

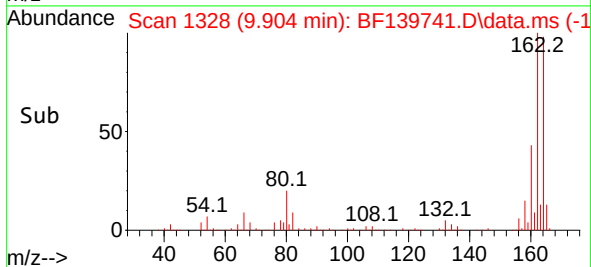
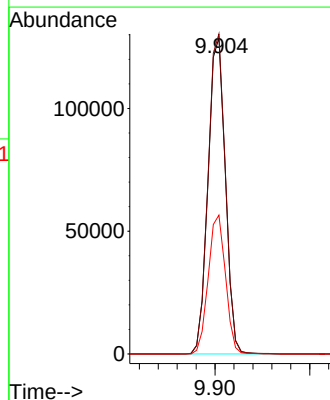
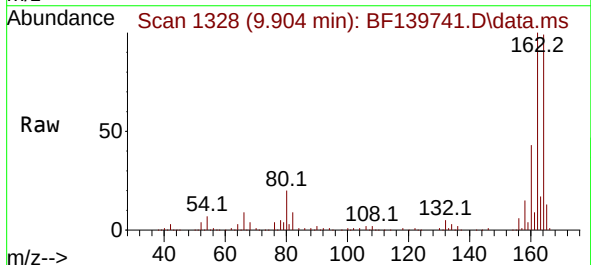
Instrument :
BNA_F
ClientSampleId :
1B-3

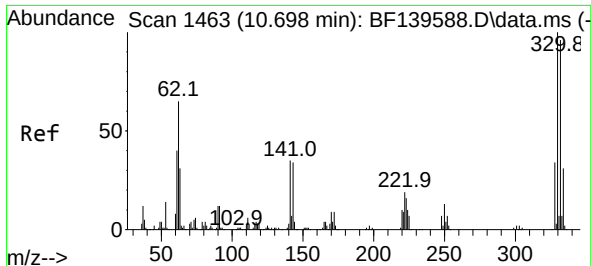
Tgt Ion: 82 Resp: 553135
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Tgt Ion:164 Resp: 162499
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 126.095 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139741.D

Acq: 10 Oct 2024 12:42

Instrument :

BNA_F

ClientSampleId :

1B-3

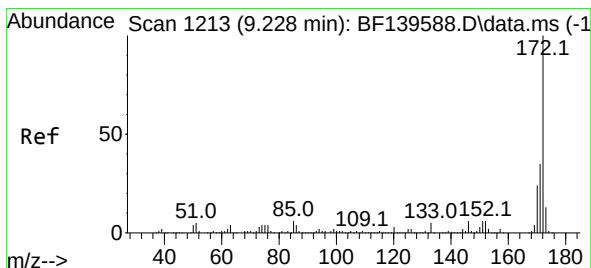
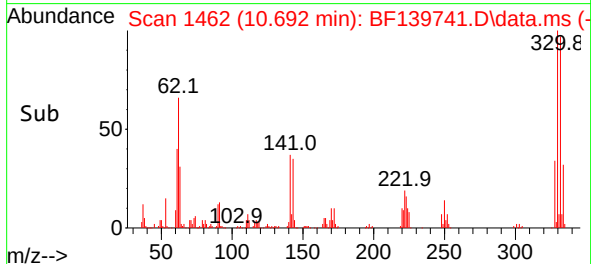
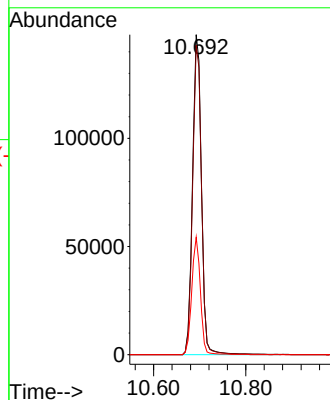
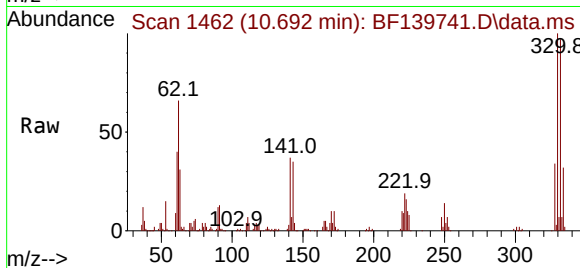
Tgt Ion:330 Resp: 197801

Ion Ratio Lower Upper

330 100

332 96.4 76.5 114.7

141 35.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 94.544 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139741.D

Acq: 10 Oct 2024 12:42

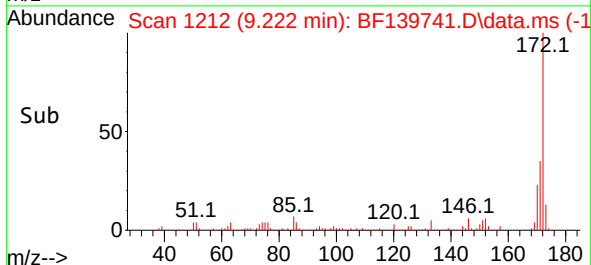
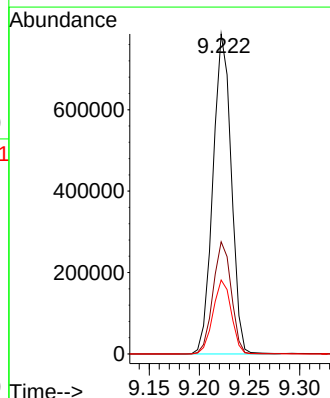
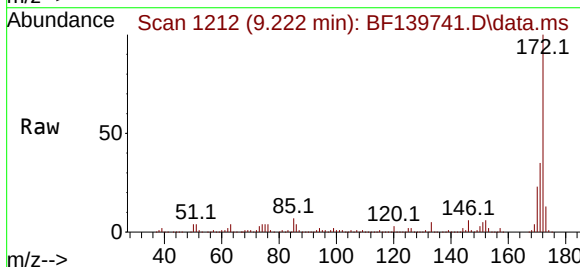
Tgt Ion:172 Resp: 1000744

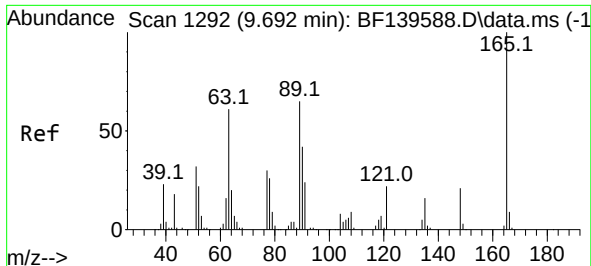
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.1 18.8 28.2

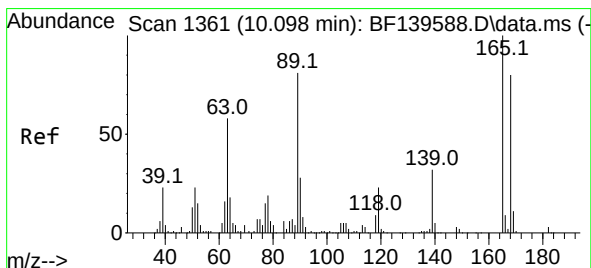
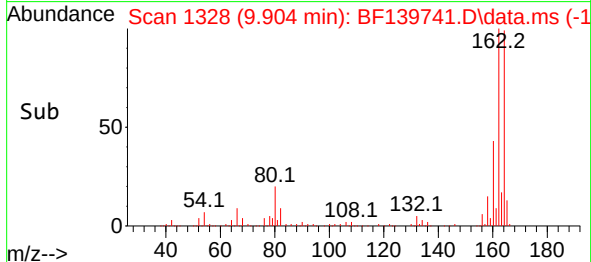
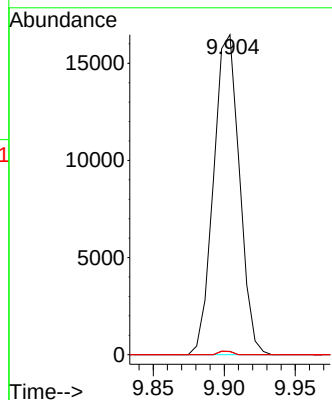
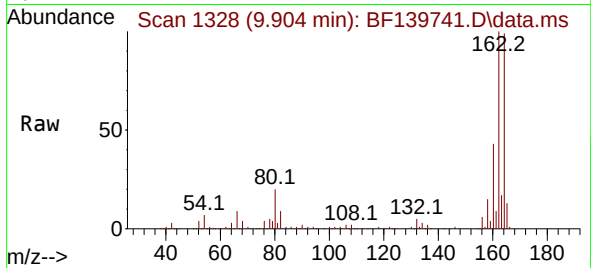




#51
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

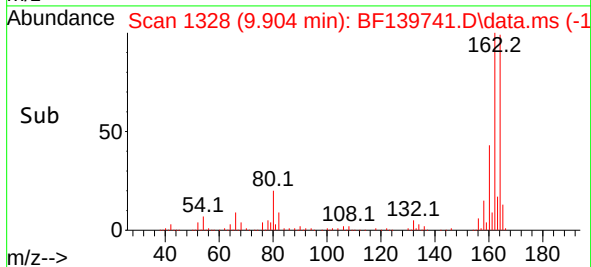
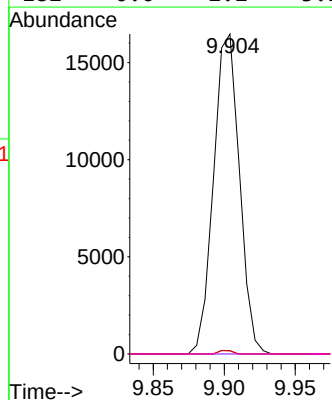
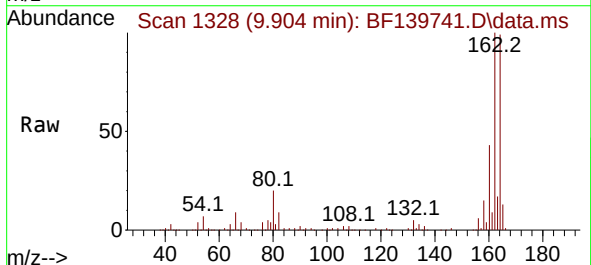
Instrument :
BNA_F
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1B-3

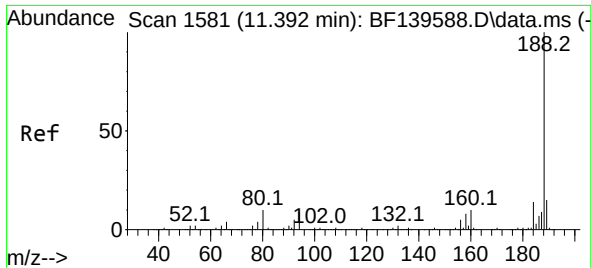
Tgt Ion:165 Resp: 20857
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 0.9 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.640 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Tgt Ion:165 Resp: 20857
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 0.9 64.4 96.6#
182 0.0 2.2 3.2#

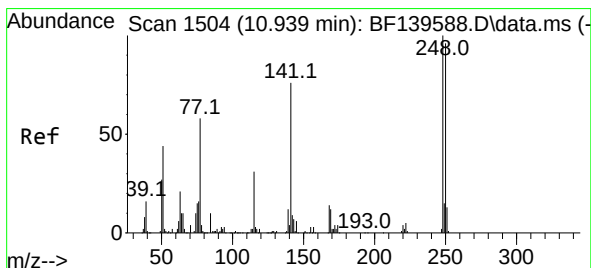
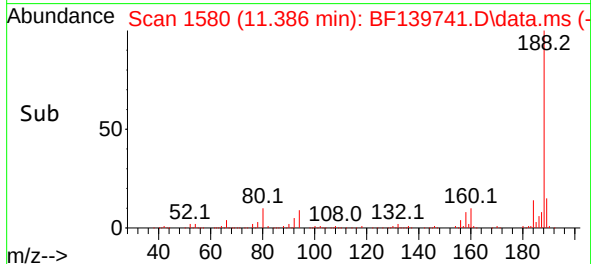
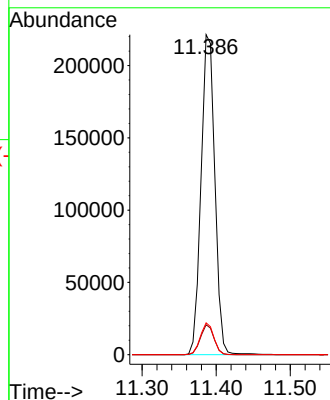
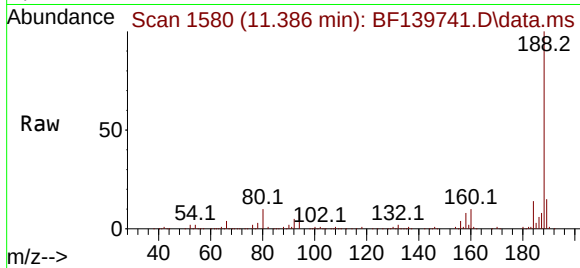




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

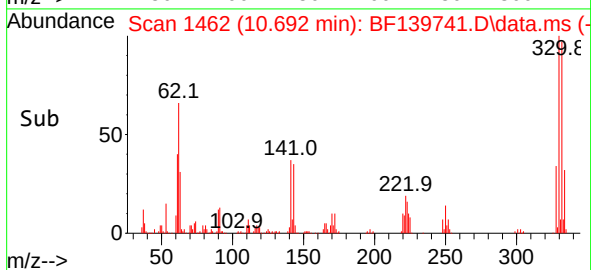
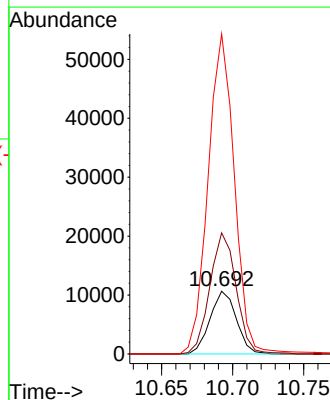
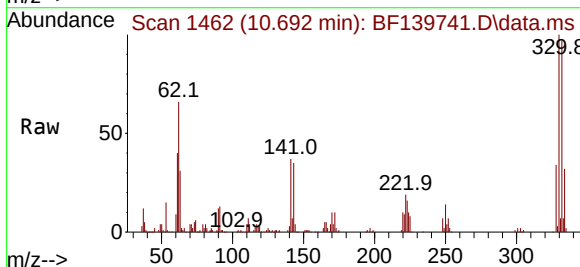
Instrument :
BNA_F
ClientSampleId :
1B-3

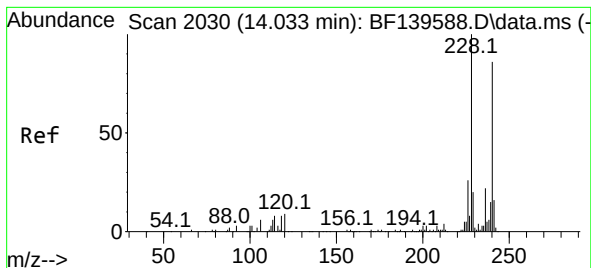
Tgt Ion:188 Resp: 287458
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.656 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Tgt Ion:248 Resp: 13724
Ion Ratio Lower Upper
248 100
250 193.3 77.1 115.7#
141 510.7 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139741.D

Acq: 10 Oct 2024 12:42

Instrument :

BNA_F

ClientSampleId :

1B-3

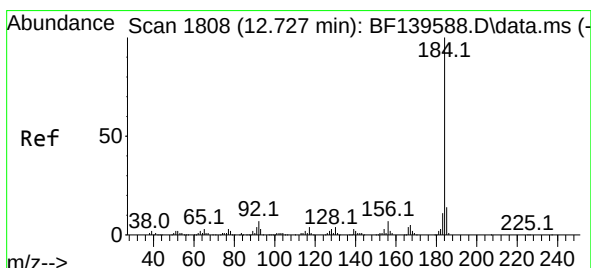
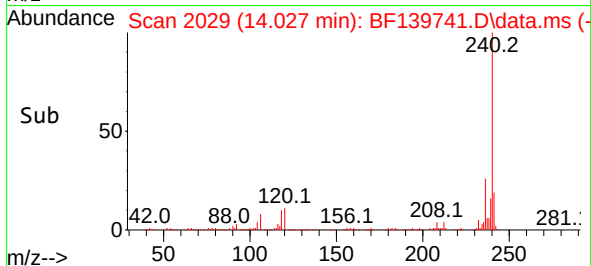
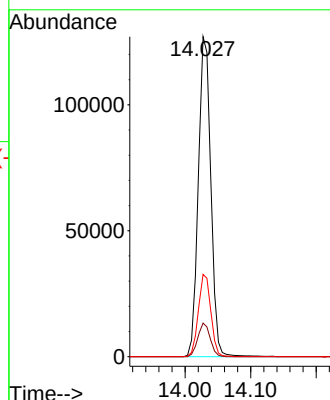
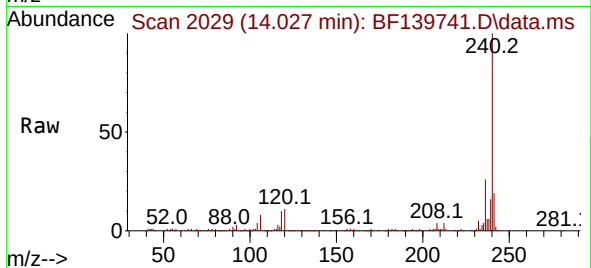
Tgt Ion:240 Resp: 168792

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 25.7 20.3 30.5



#77

Benzidine

Concen: 60.387 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139741.D

Acq: 10 Oct 2024 12:42

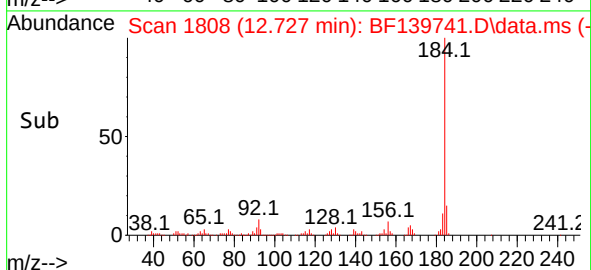
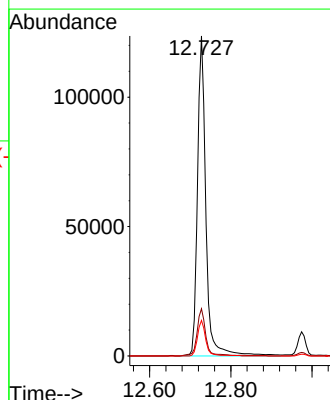
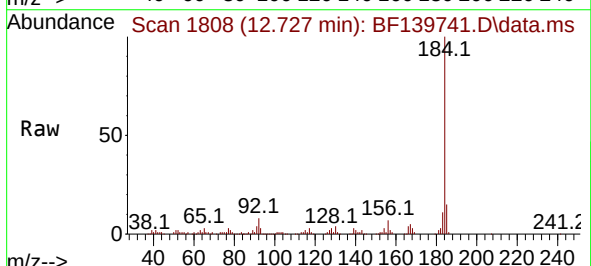
Tgt Ion:184 Resp: 179791

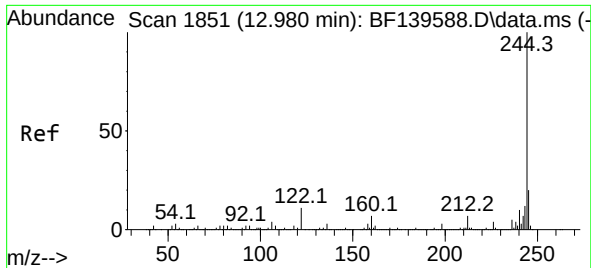
Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.0

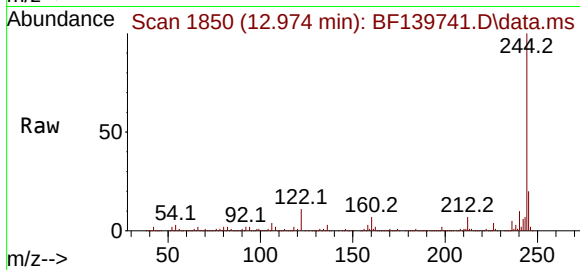
183 11.1 8.8 13.2



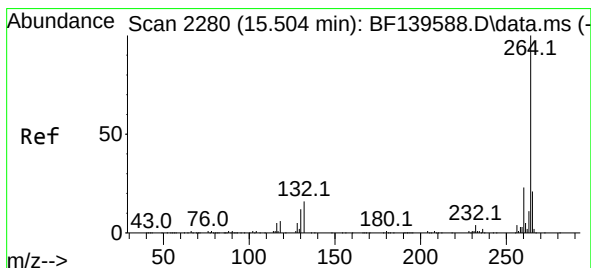
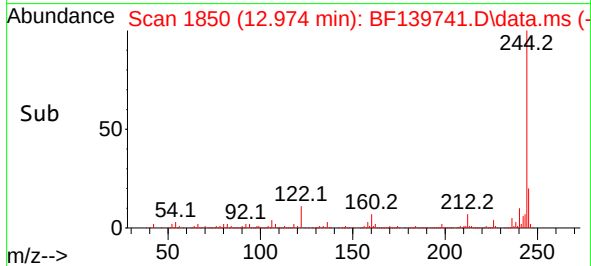
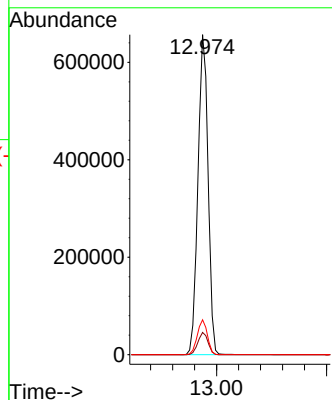


#79
Terphenyl-d14
Concen: 81.727 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Instrument :
BNA_F
ClientSampleId :
1B-3



Tgt Ion:244 Resp: 840723
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.9 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139741.D
Acq: 10 Oct 2024 12:42

Tgt Ion:264 Resp: 168324
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.1 16.9 25.3

