

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139660.D
 Acq On : 04 Oct 2024 16:29
 Operator : RC/JU
 Sample : P4236-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Oct 04 16:56:13 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)

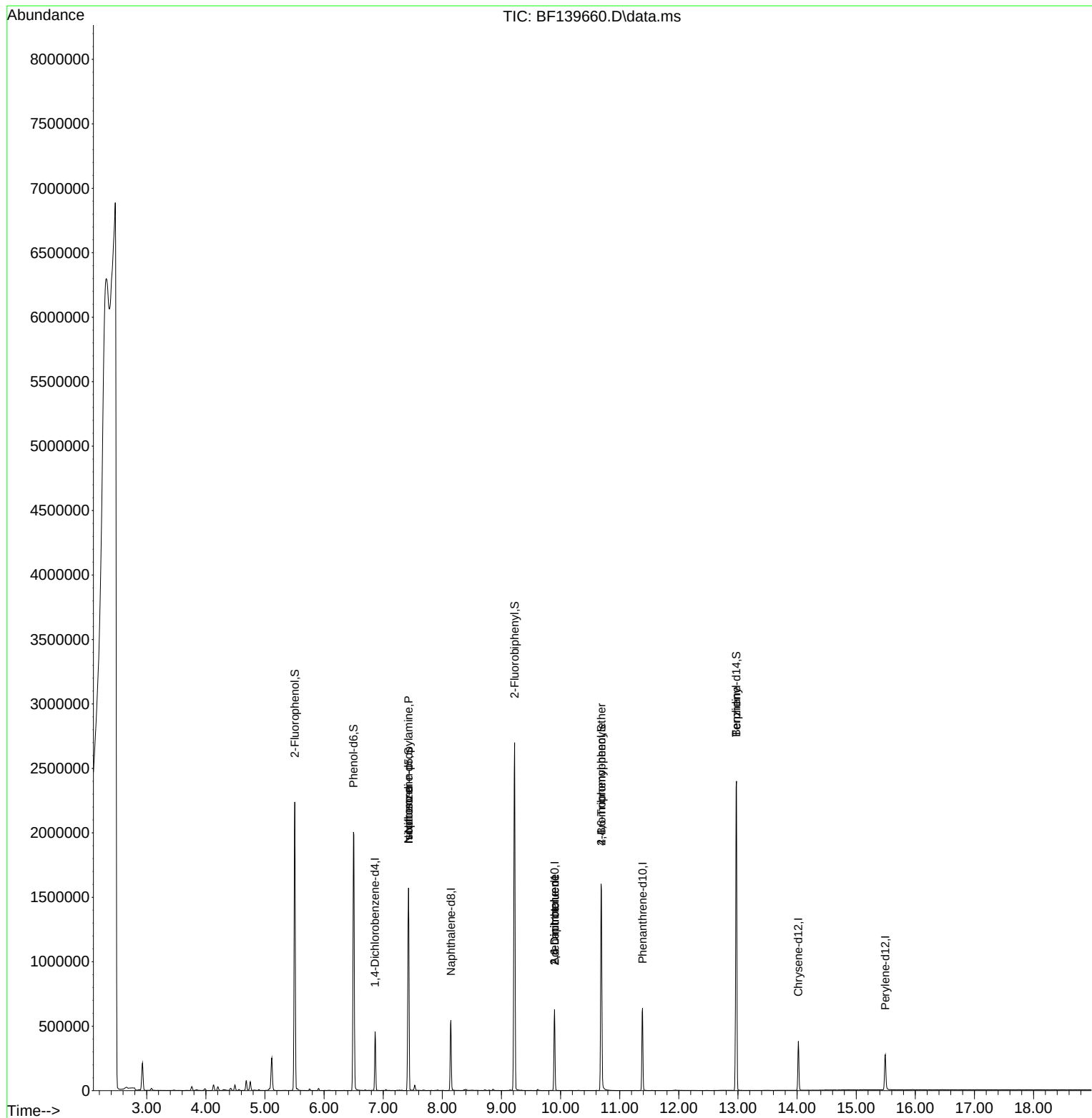
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89006	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	335900	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	186685	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	342927	20.000	ng	0.00
76) Chrysene-d12	14.021	240	182305	20.000	ng	-0.01
86) Perylene-d12	15.492	264	172581	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	798647	155.523	ng	0.02
7) Phenol-d6	6.498	99	995702	144.184	ng	0.00
23) Nitrobenzene-d5	7.428	82	694194	104.636	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	272108	150.992	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1241864	102.123	ng	0.00
79) Terphenyl-d14	12.974	244	1249297	112.443	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	94663	21.321	ng	# 76
25) Isophorone	7.428	82	689085	58.479	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22939	8.309	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	22939	6.357	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	18136	5.158	ng	# 1
77) Benzidine	12.974	184	16646	5.177	ng	# 92

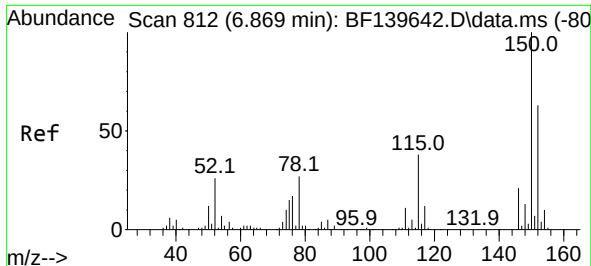
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

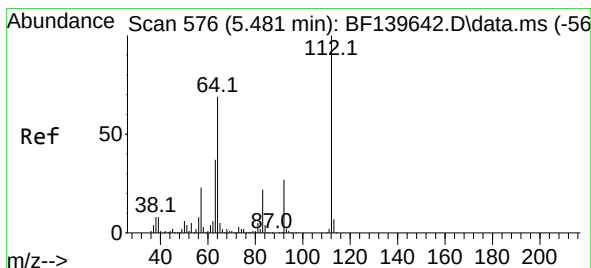
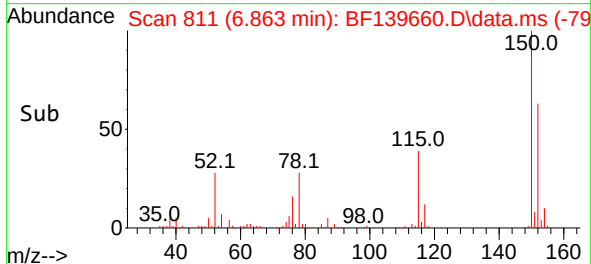
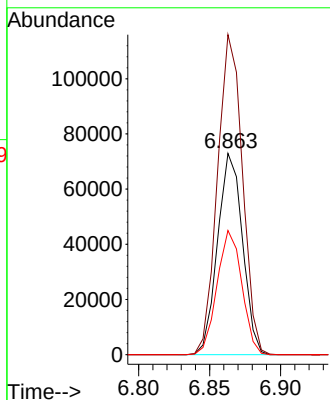
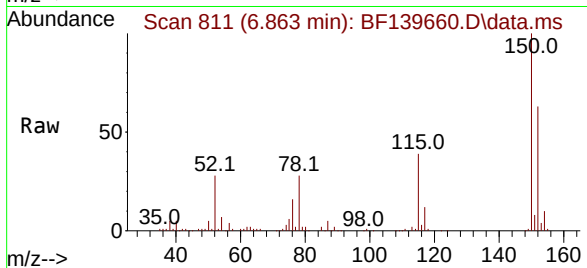




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139660.D
 Acq: 04 Oct 2024 16:29

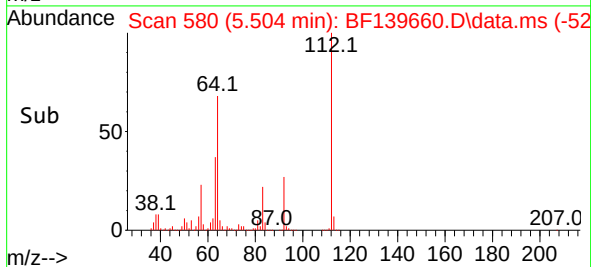
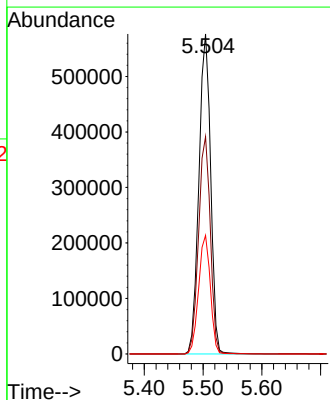
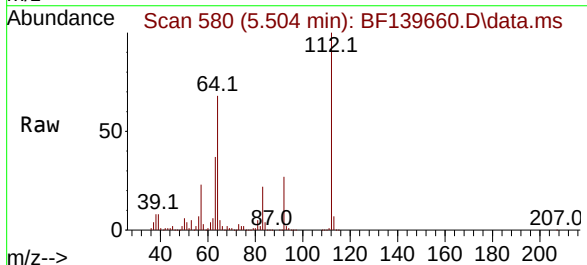
Instrument :
 BNA_F
 ClientSampleId :
 TP2

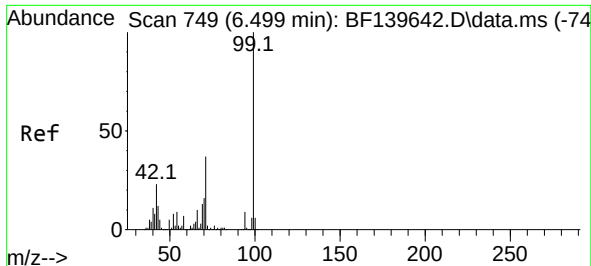
Tgt Ion:152 Resp: 89006
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.2 190.8
 115 61.7 49.0 73.4



#5
 2-Fluorophenol
 Concen: 155.523 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.017 min
 Lab File: BF139660.D
 Acq: 04 Oct 2024 16:29

Tgt Ion:112 Resp: 798647
 Ion Ratio Lower Upper
 112 100
 64 67.9 54.2 81.4
 63 37.1 29.4 44.2



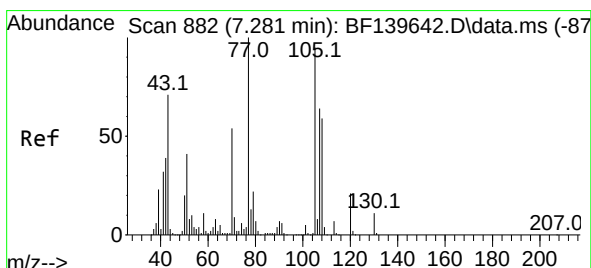
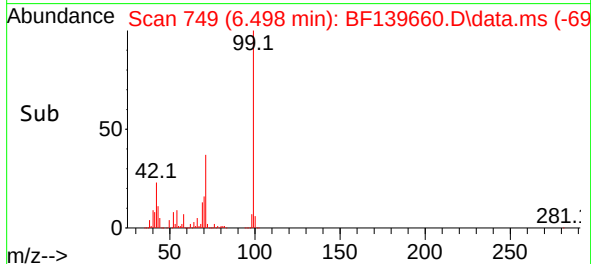
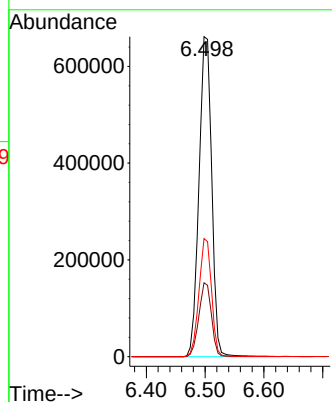
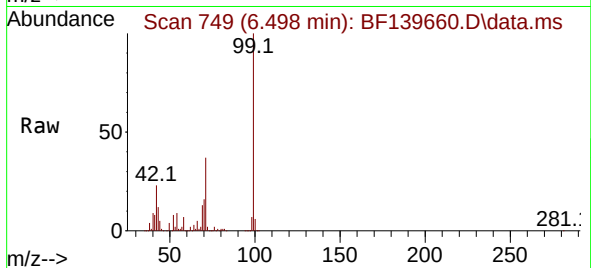


#7
Phenol-d6
Concen: 144.184 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 995702

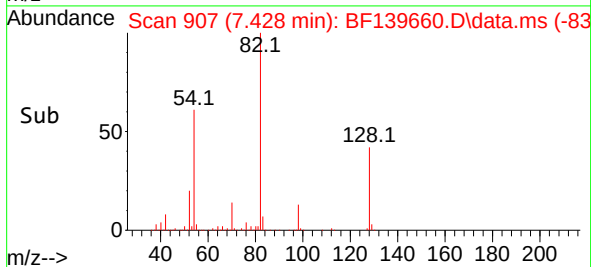
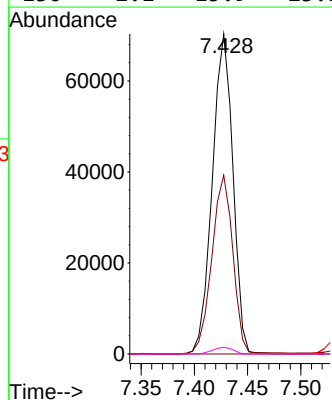
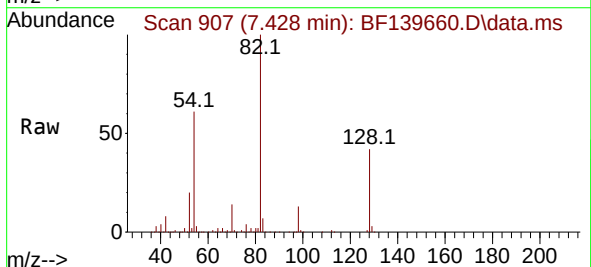
Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.1	28.7
71	36.9	29.7	44.5

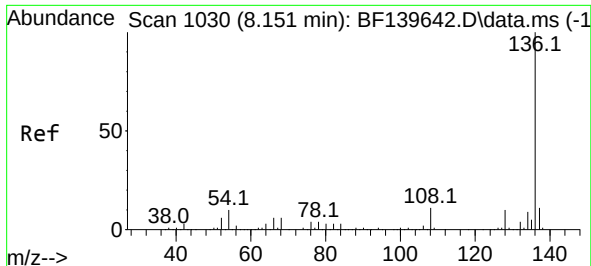


#19
n-Nitroso-di-n-propylamine
Concen: 21.321 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Tgt Ion: 70 Resp: 94663

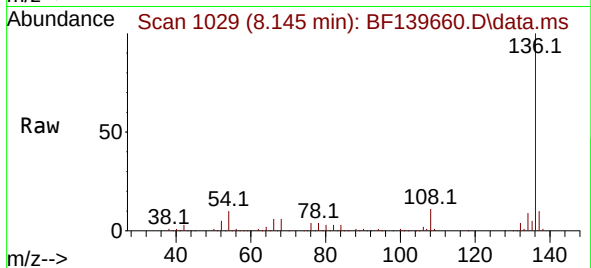
Ion	Ratio	Lower	Upper
70	100		
42	55.8	58.0	87.0#
101	0.0	7.8	11.8#
130	2.1	15.9	23.9#



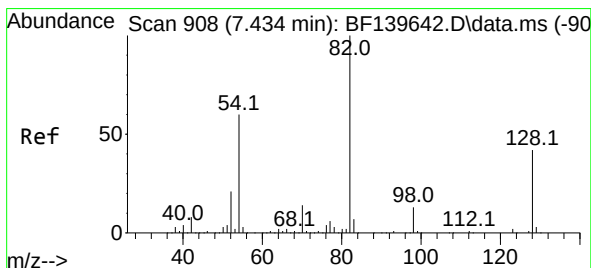
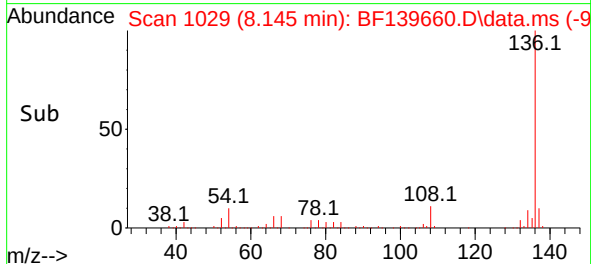
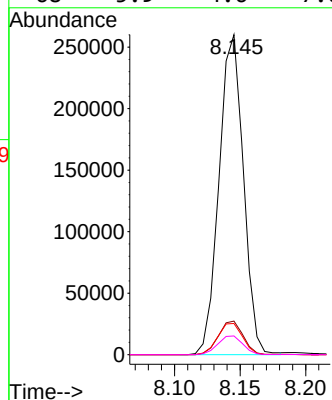


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
TP2

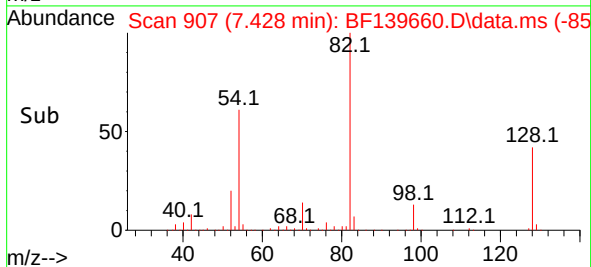
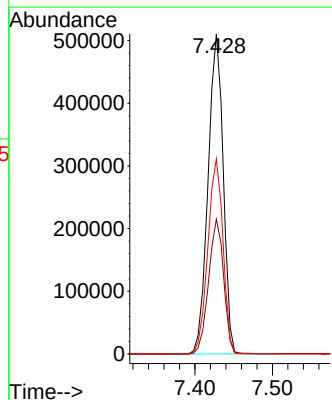
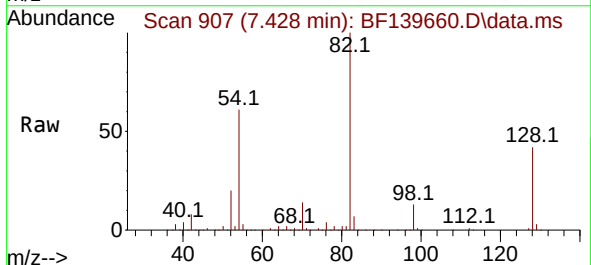


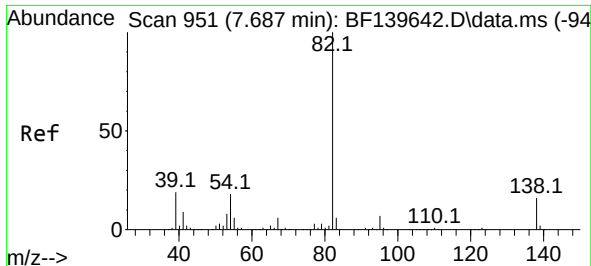
Tgt Ion:136 Resp: 335900
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.7 8.3 12.5
68 5.9 4.6 7.0



#23
Nitrobenzene-d5
Concen: 104.636 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Tgt Ion: 82 Resp: 694194
Ion Ratio Lower Upper
82 100
128 42.1 32.4 48.6
54 60.9 49.1 73.7

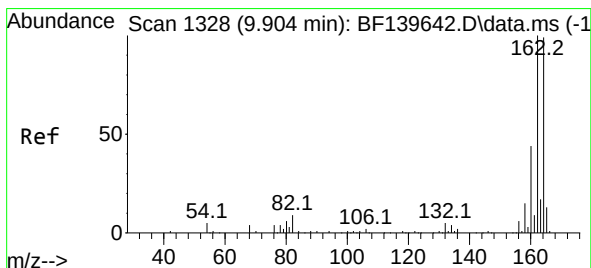
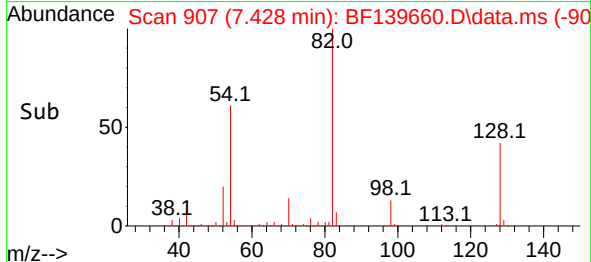
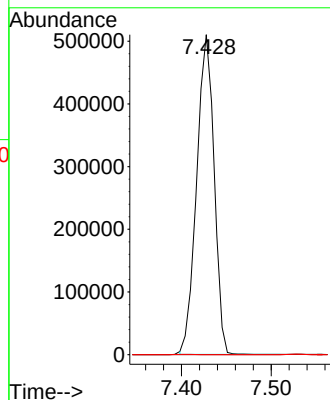
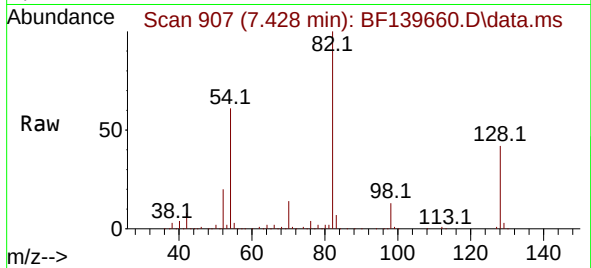




#25
Isophorone
Concen: 58.479 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

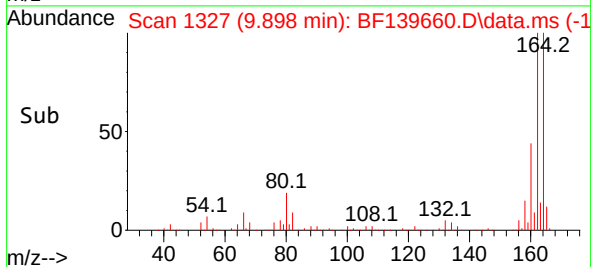
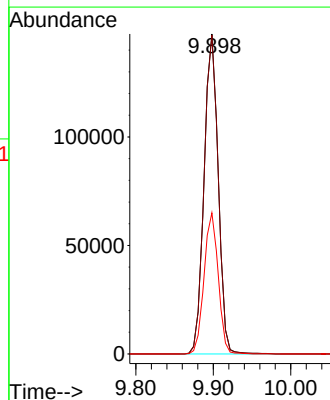
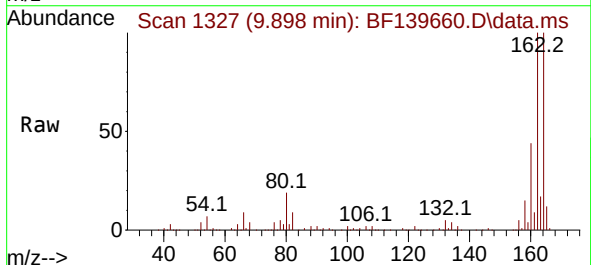
Instrument :
BNA_F
ClientSampleId :
TP2

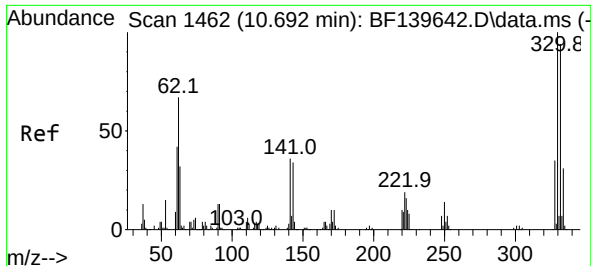
Tgt Ion: 82 Resp: 689085
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Tgt Ion:164 Resp: 186685
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.1 35.1 52.7

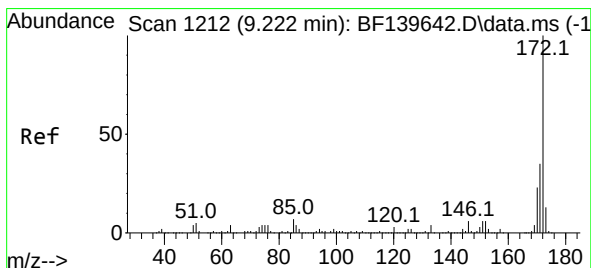
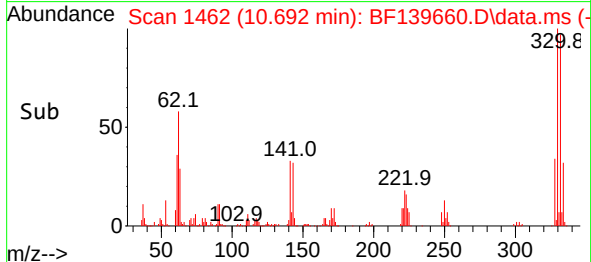
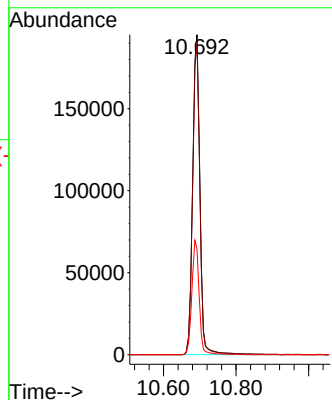
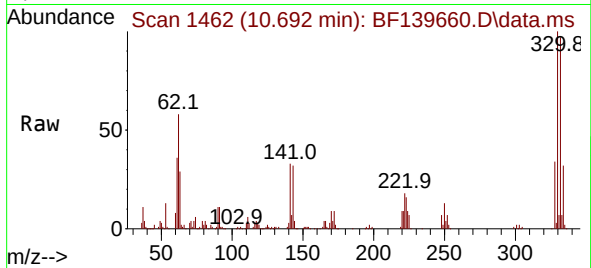




#42
2,4,6-Tribromophenol
Concen: 150.992 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

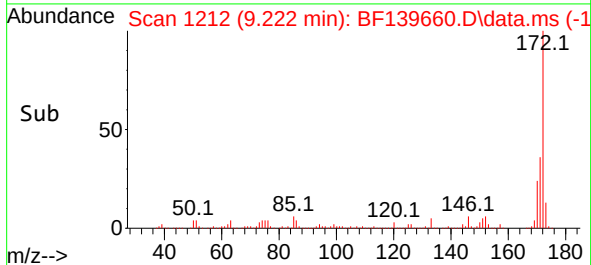
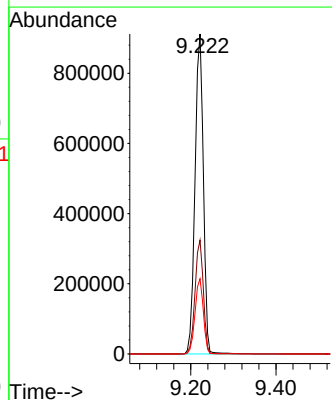
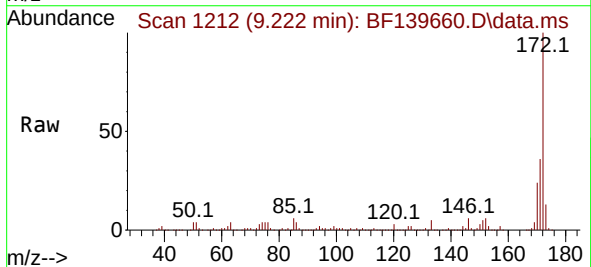
Instrument :
BNA_F
ClientSampleId :
TP2

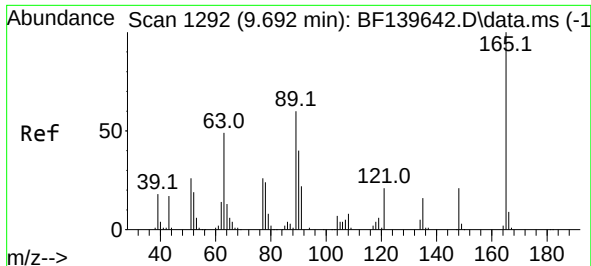
Tgt Ion: 330 Resp: 272108
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 102.123 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Tgt Ion: 172 Resp: 1241864
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.5 18.8 28.2

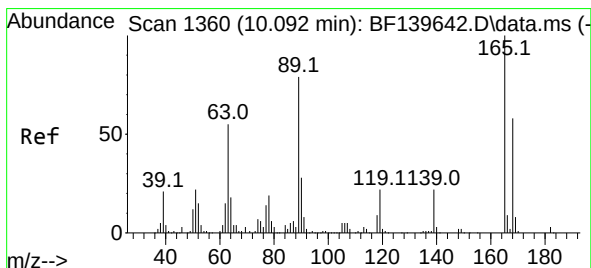
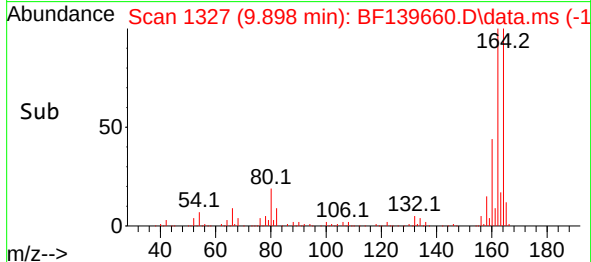
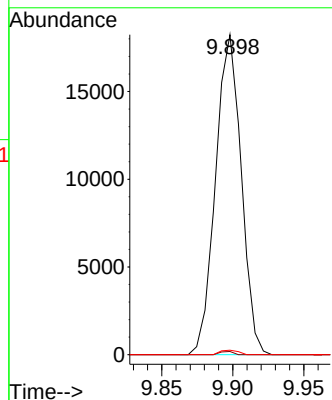
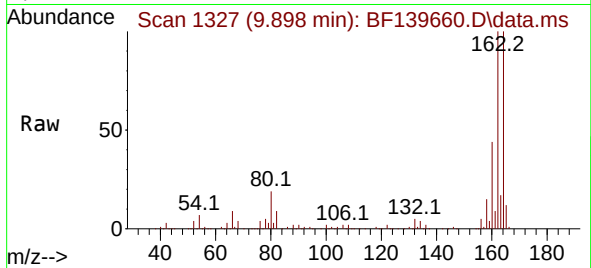




#51
2,6-Dinitrotoluene
Concen: 8.309 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

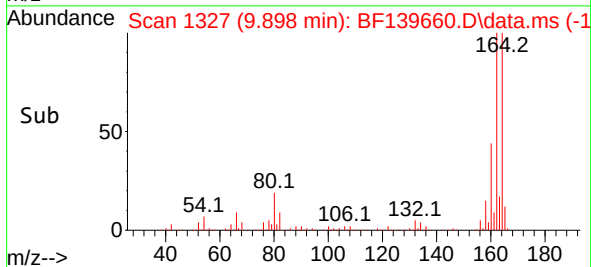
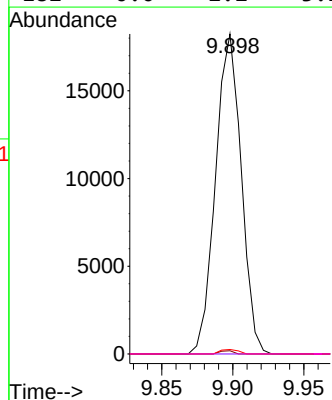
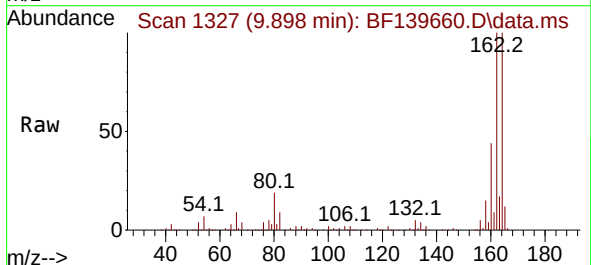
Instrument :
BNA_F
ClientSampleId :
TP2

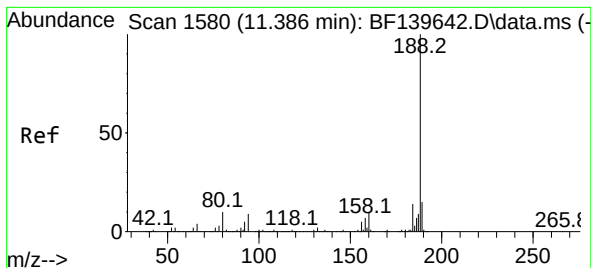
Tgt Ion:165 Resp: 22939
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 1.4 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Tgt Ion:165 Resp: 22939
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 1.4 64.4 96.6#
182 0.0 2.2 3.2#

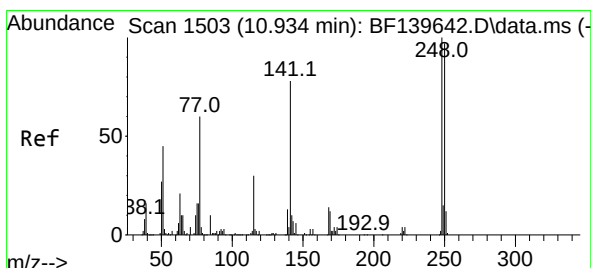
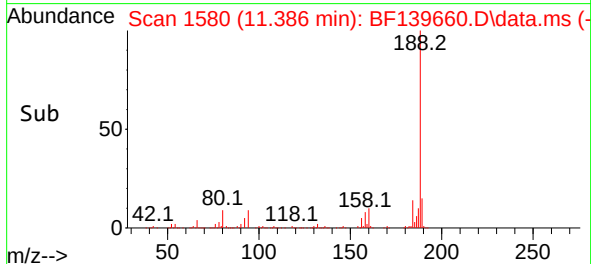
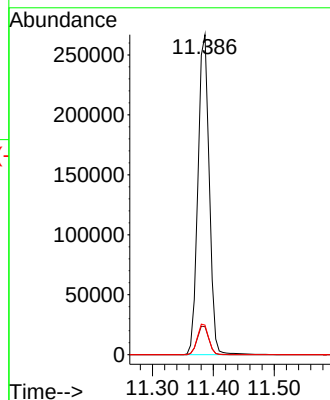
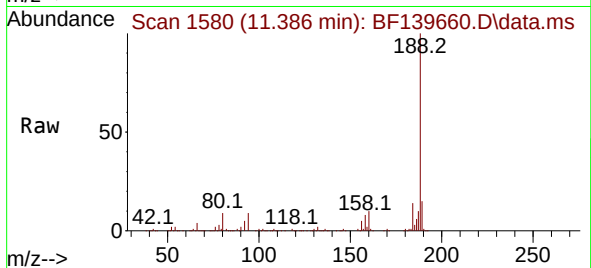




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

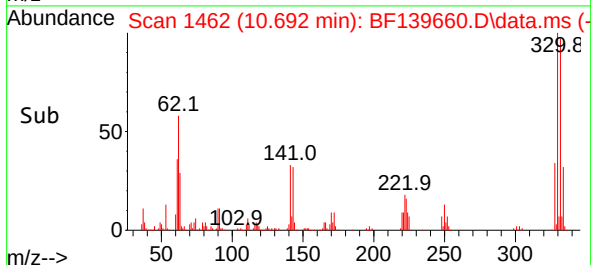
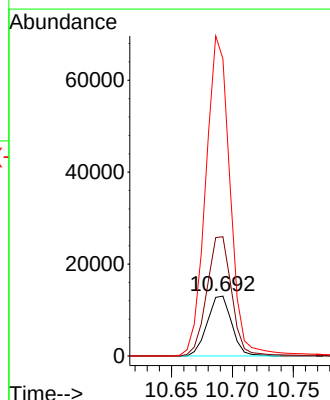
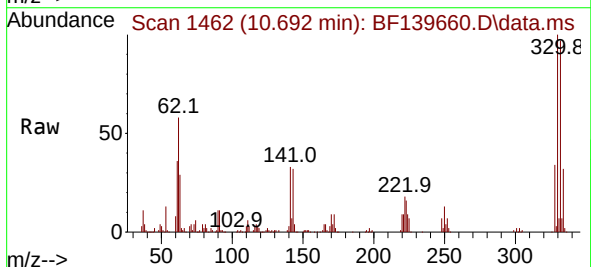
Instrument :
BNA_F
ClientSampleId :
TP2

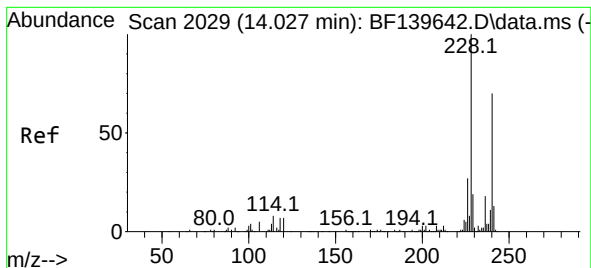
Tgt Ion:188 Resp: 342927
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.158 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Tgt Ion:248 Resp: 18136
Ion Ratio Lower Upper
248 100
250 199.1 77.1 115.7#
141 496.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF139660.D

Acq: 04 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

TP2

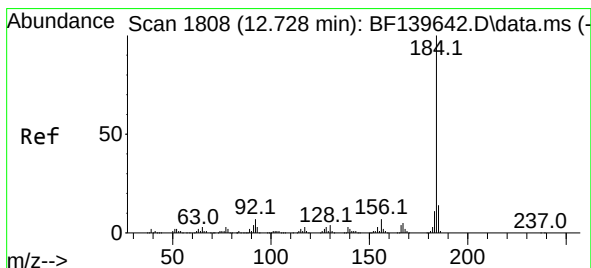
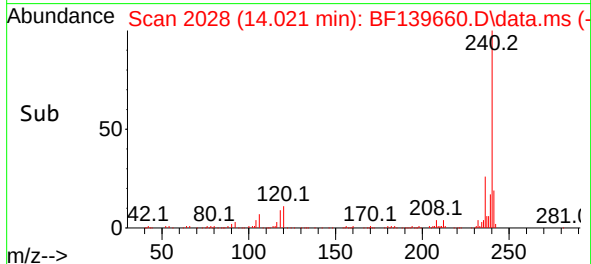
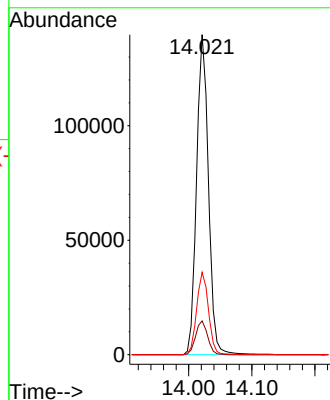
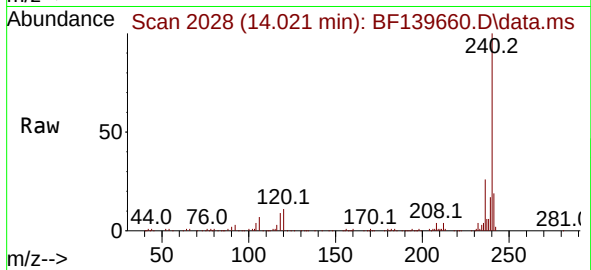
Tgt Ion:240 Resp: 182305

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 25.8 20.3 30.5



#77

Benzidine

Concen: 5.177 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139660.D

Acq: 04 Oct 2024 16:29

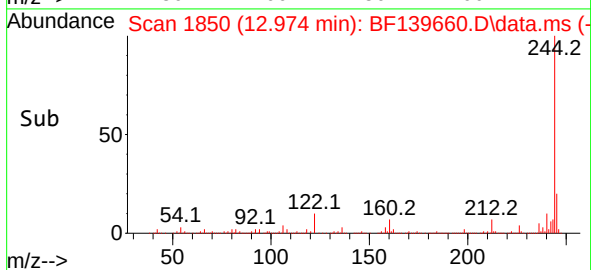
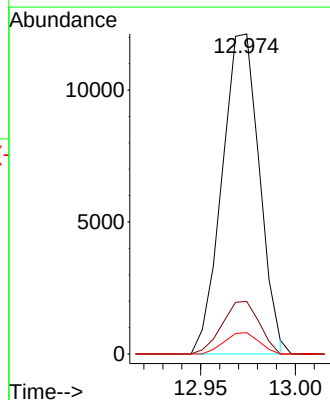
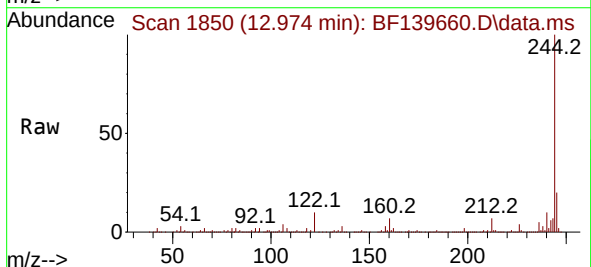
Tgt Ion:184 Resp: 16646

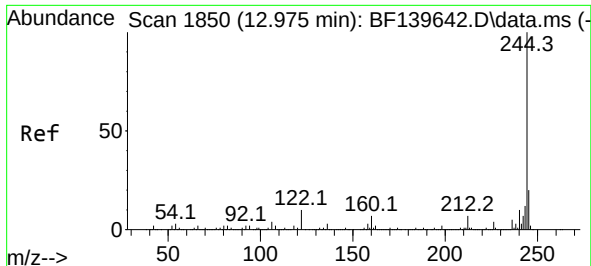
Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.0

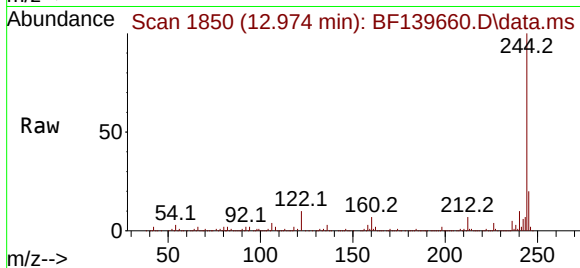
183 6.6 8.8 13.2#



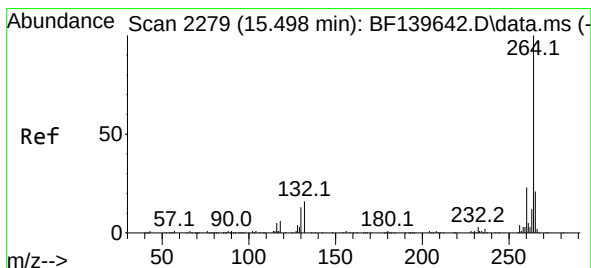
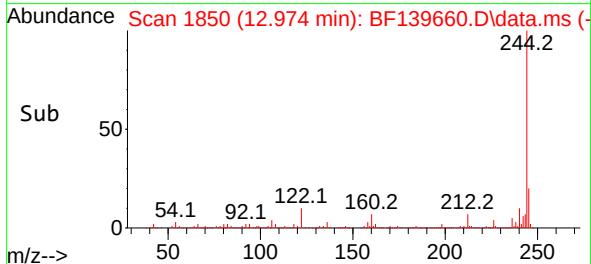
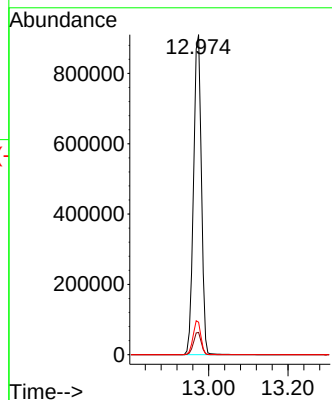


#79
Terphenyl-d14
Concen: 112.443 ng
RT: 12.974 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
TP2



Tgt Ion:244 Resp: 1249297
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.1 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139660.D
Acq: 04 Oct 2024 16:29

Tgt Ion:264 Resp: 172581
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 20.9 16.9 25.3

