

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
 Data File : BF139702.D
 Acq On : 08 Oct 2024 10:10
 Operator : RC/JU
 Sample : PB163952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163952BL

Quant Time: Oct 08 11:37:48 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)

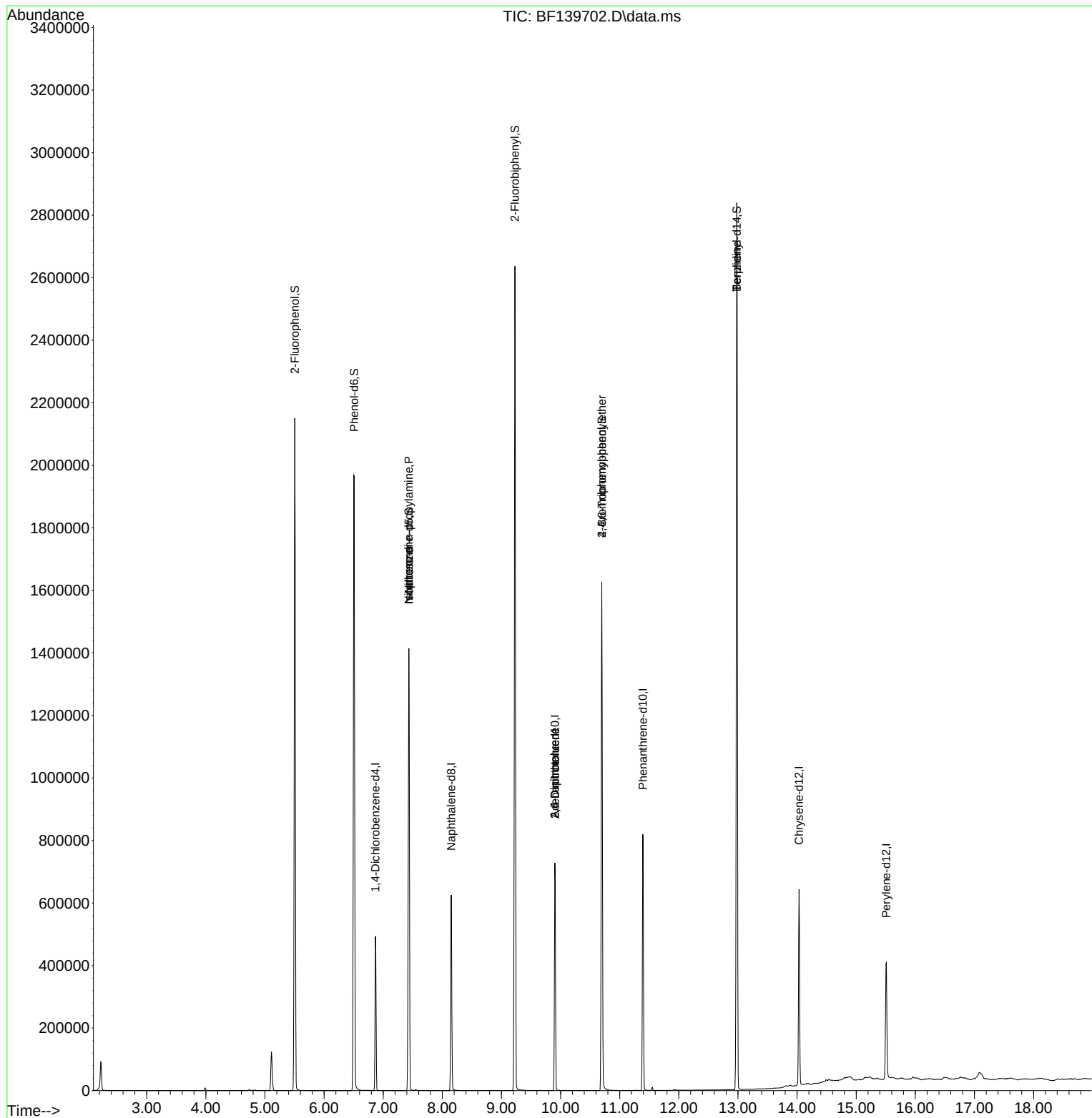
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98695	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	381324	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	220064	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	429568	20.000	ng	0.00
76) Chrysene-d12	14.033	240	288229	20.000	ng	0.00
86) Perylene-d12	15.509	264	223739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	743527	130.575	ng	0.02
7) Phenol-d6	6.510	99	972326	126.977	ng	0.00
23) Nitrobenzene-d5	7.434	82	641267	85.144	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	261354	123.027	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1182533	82.494	ng	0.00
79) Terphenyl-d14	12.980	244	1430162	81.416	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	88704	18.018	ng	# 75
25) Isophorone	7.434	82	636832	47.607	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	28201	8.666	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	28201	6.630	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	17260	3.919	ng	# 1
77) Benzidine	12.980	184	19281	3.792	ng	# 92

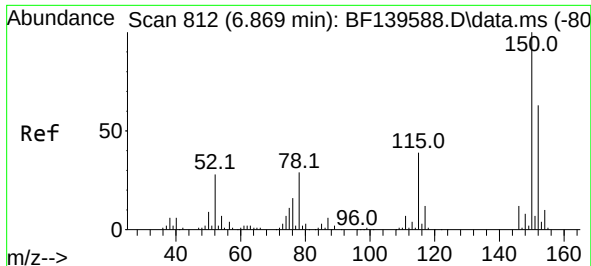
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
Data File : BF139702.D
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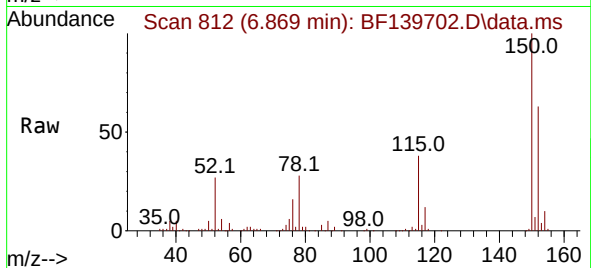
Quant Time: Oct 08 11:37:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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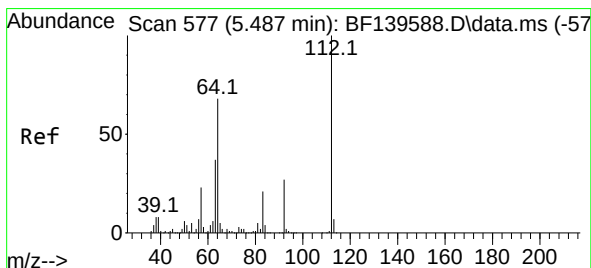
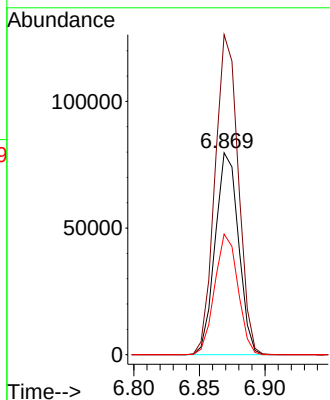
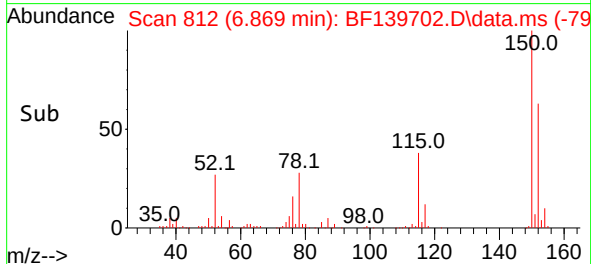


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Instrument :
BNA_F
ClientSampleId :
PB163952BL

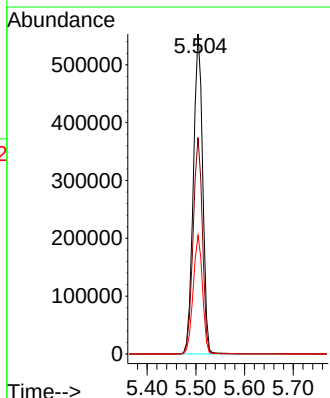
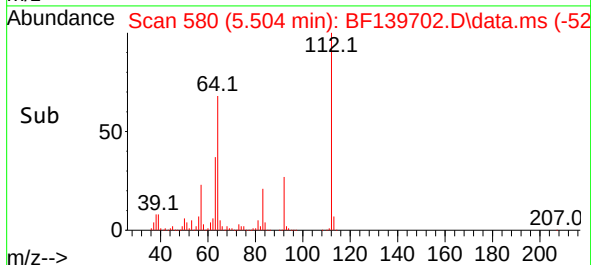
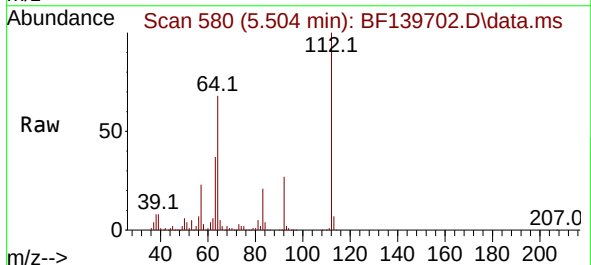


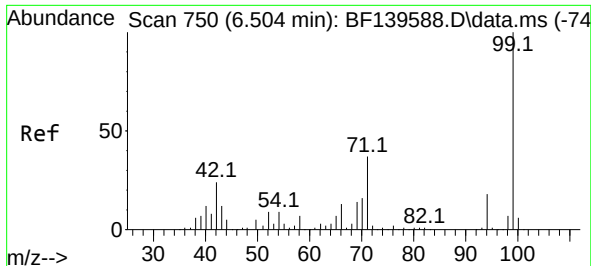
Tgt Ion:152 Resp: 98695
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 130.575 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Tgt Ion:112 Resp: 743527
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 37.1 29.4 44.2

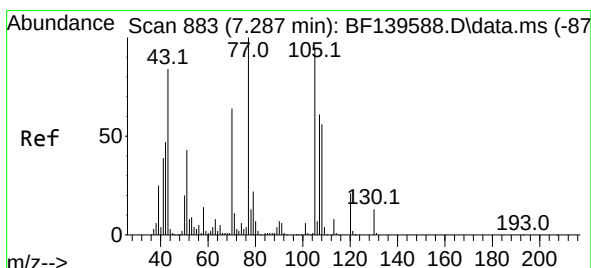
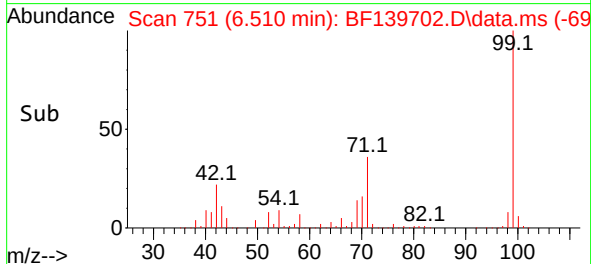
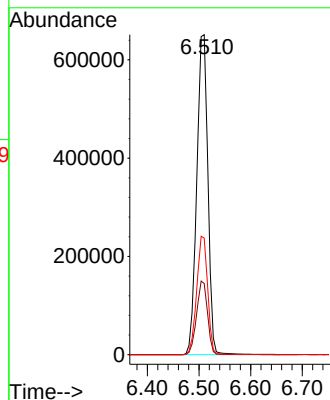
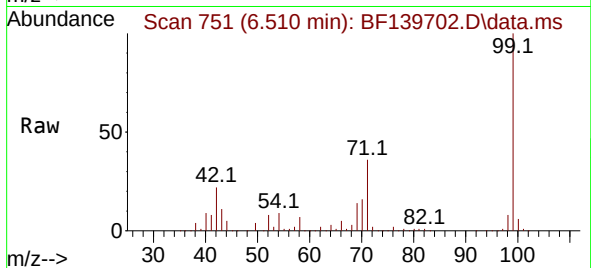




#7
Phenol-d6
Concen: 126.977 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

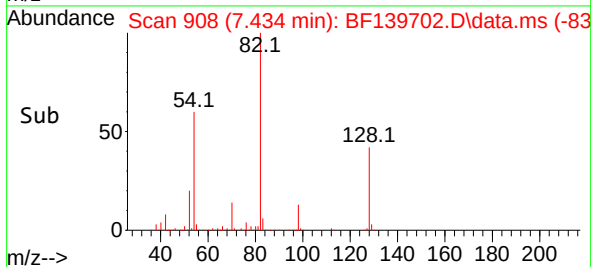
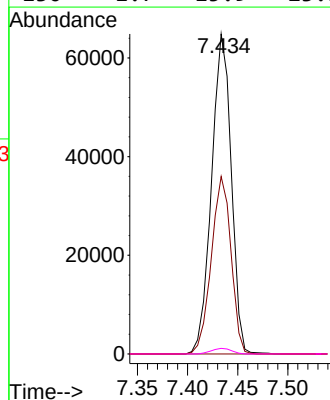
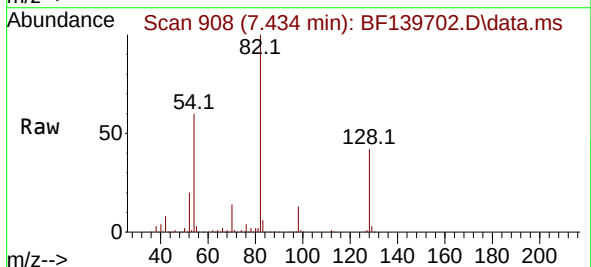
Instrument :
BNA_F
ClientSampleId :
PB163952BL

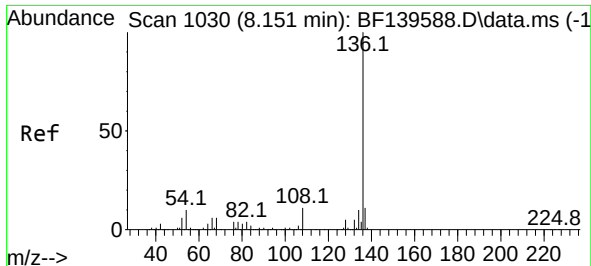
Tgt Ion: 99 Resp: 972326
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 36.4 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.018 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Tgt Ion: 70 Resp: 88704
Ion Ratio Lower Upper
70 100
42 55.5 58.0 87.0#
101 0.0 7.8 11.8#
130 1.7 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Instrument :

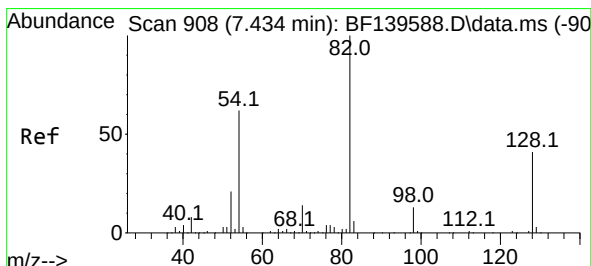
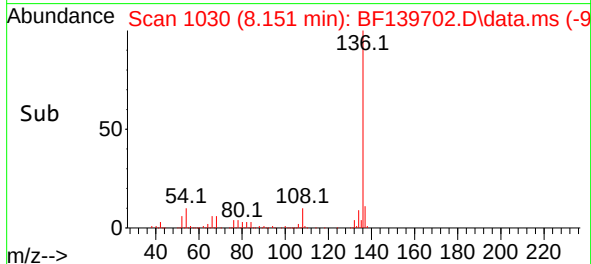
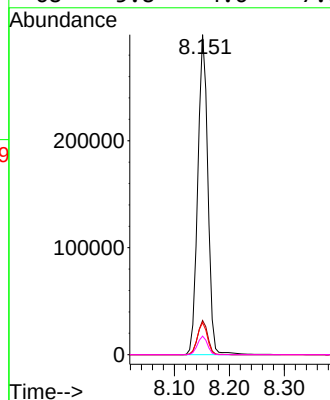
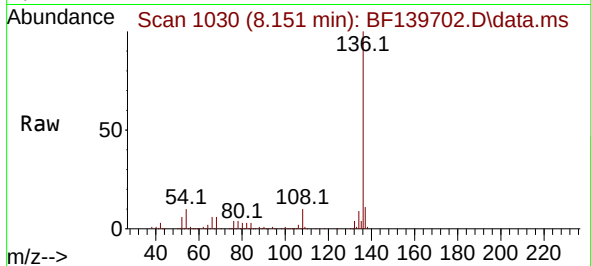
BNA_F

ClientSampleId :

PB163952BL

Tgt Ion:136 Resp: 381324

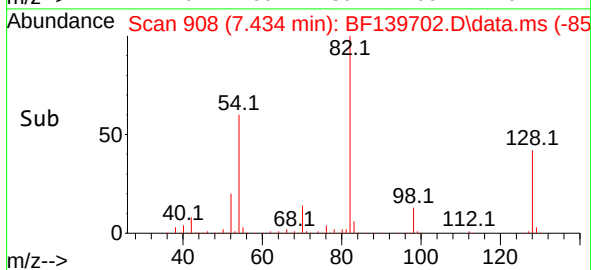
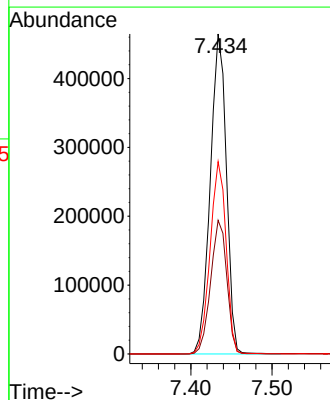
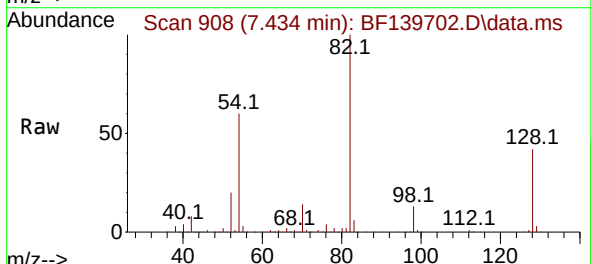
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.0	8.3	12.5
68	5.8	4.6	7.0

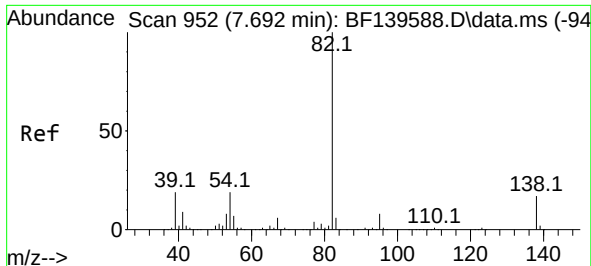


#23
Nitrobenzene-d5
Concen: 85.144 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Tgt Ion: 82 Resp: 641267

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.4	48.6
54	60.1	49.1	73.7

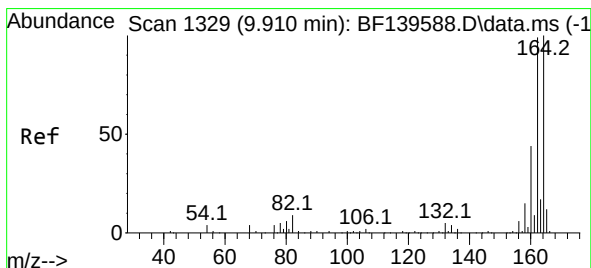
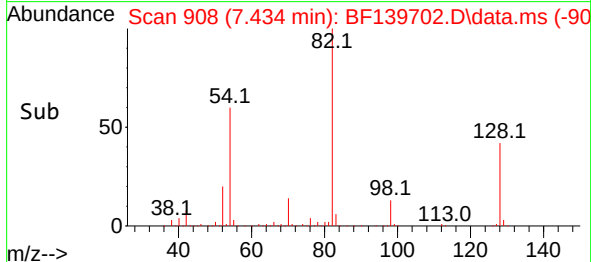
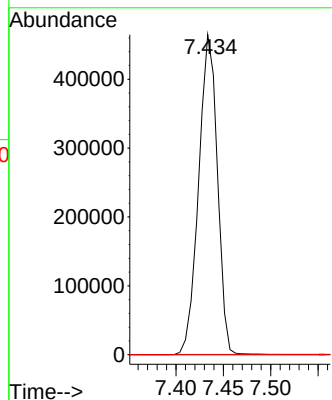
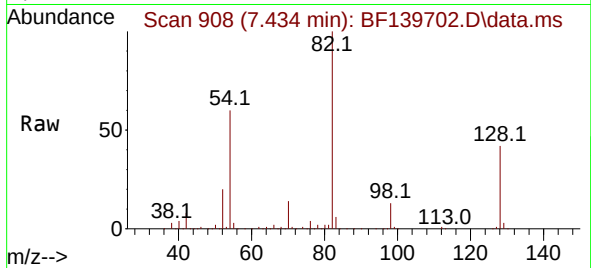




#25
Isophorone
Concen: 47.607 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

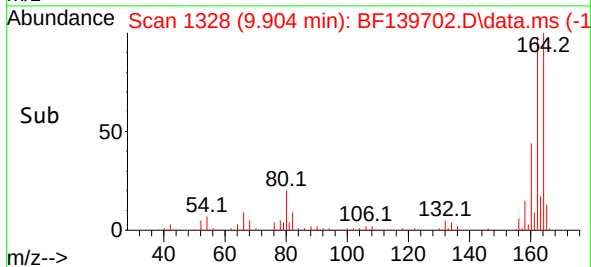
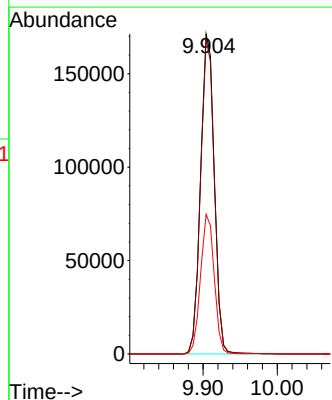
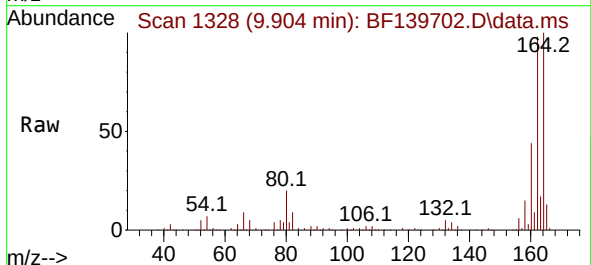
Instrument :
BNA_F
ClientSampleId :
PB163952BL

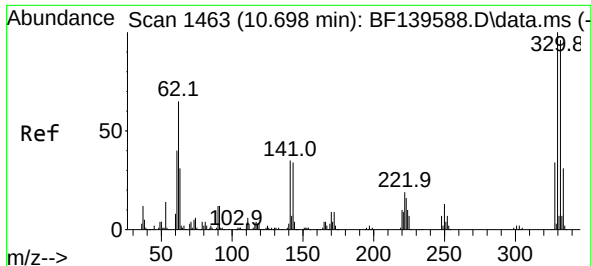
Tgt Ion: 82 Resp: 636832
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

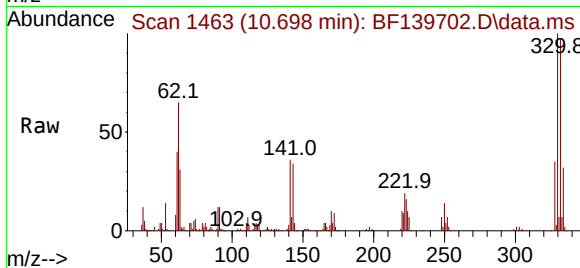
Tgt Ion:164 Resp: 220064
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.0
160 43.6 35.1 52.7



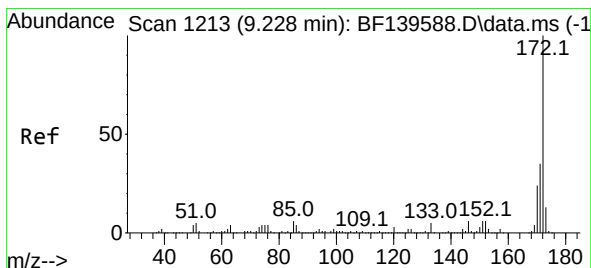
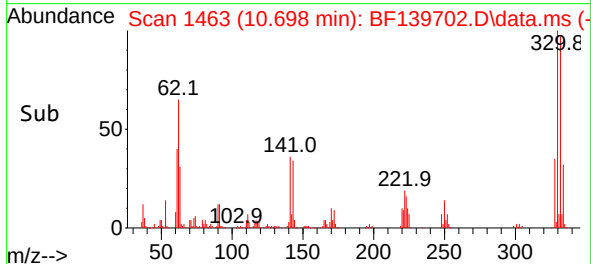
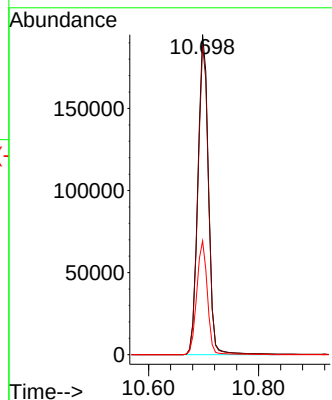


#42
2,4,6-Tribromophenol
Concen: 123.027 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Instrument :
BNA_F
ClientSampleId :
PB163952BL

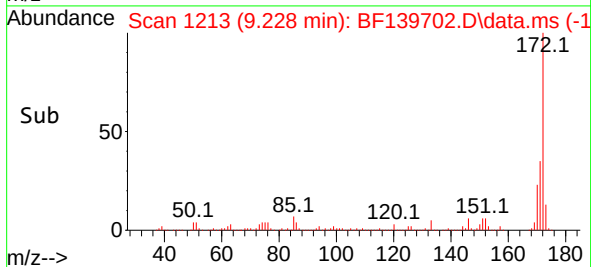
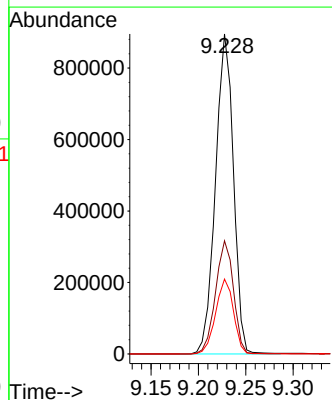
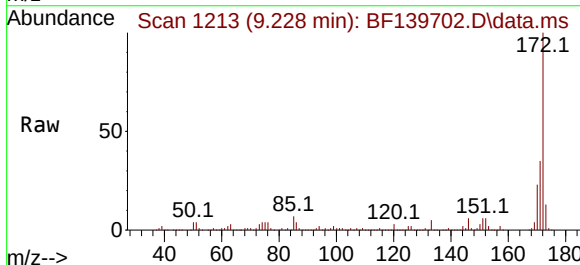


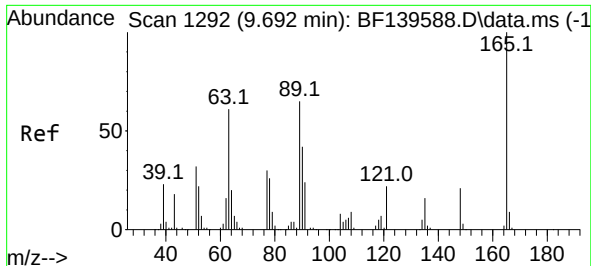
Tgt Ion: 330 Resp: 261354
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 35.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 82.494 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Tgt Ion: 172 Resp: 1182533
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.8 28.2

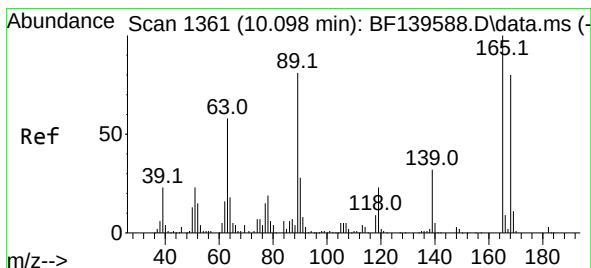
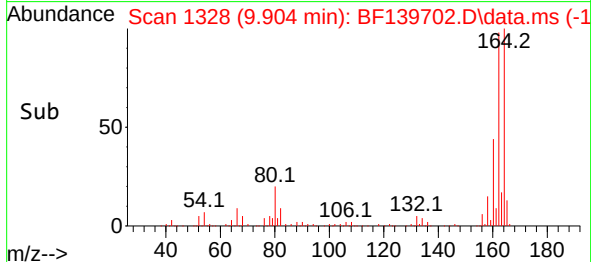
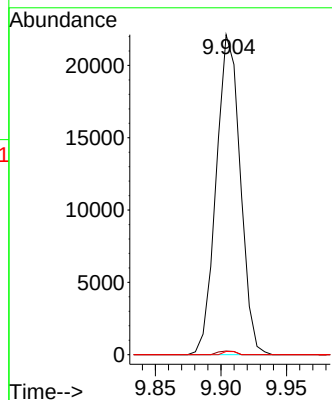
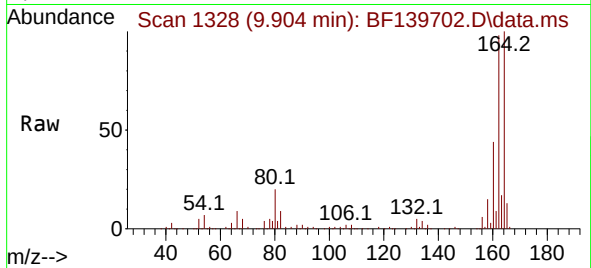




#51
2,6-Dinitrotoluene
Concen: 8.666 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

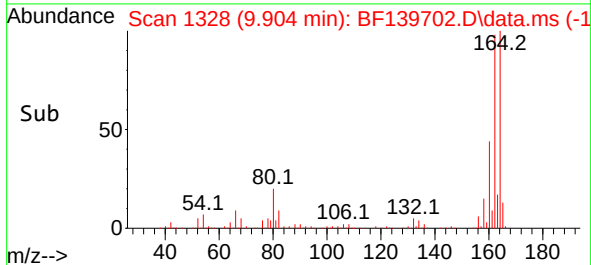
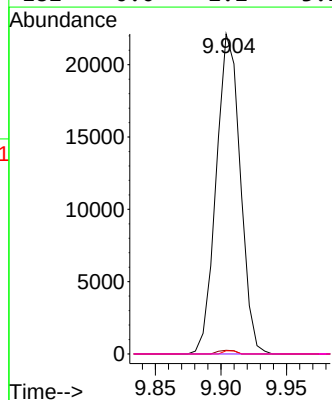
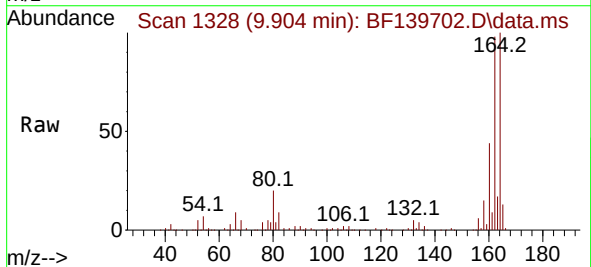
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ClientSampleId :
PB163952BL

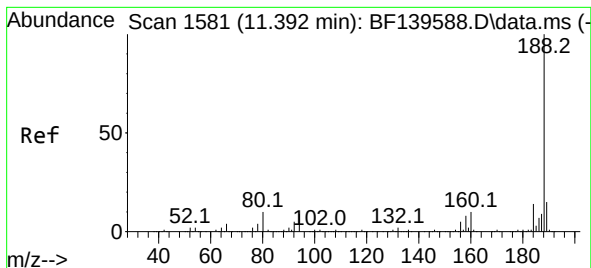
Tgt Ion:165 Resp: 28201
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.630 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139702.D
Acq: 08 Oct 2024 10:10

Tgt Ion:165 Resp: 28201
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.0 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139702.D

Acq: 08 Oct 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB163952BL

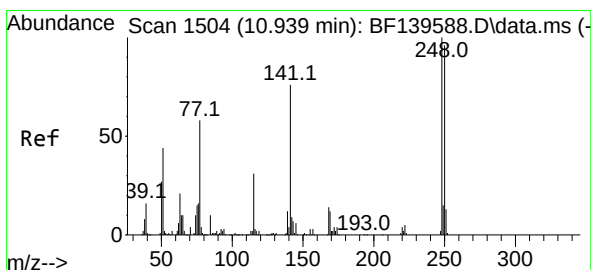
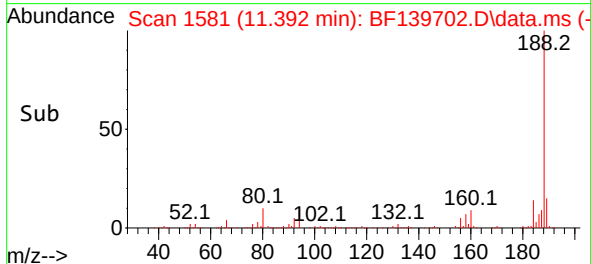
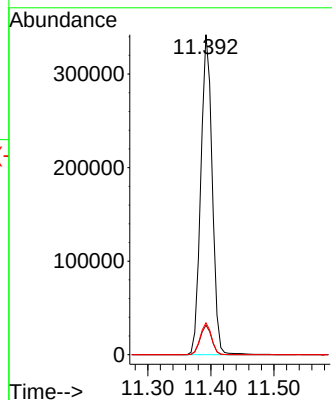
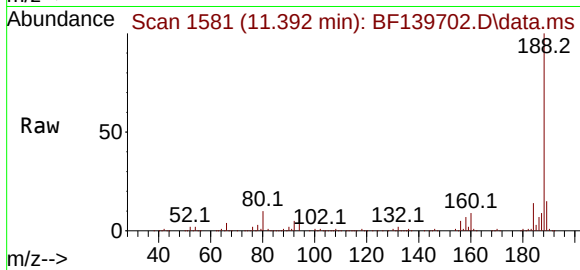
Tgt Ion:188 Resp: 429568

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.9 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 3.919 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF139702.D

Acq: 08 Oct 2024 10:10

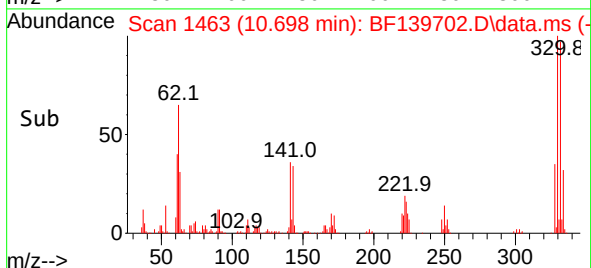
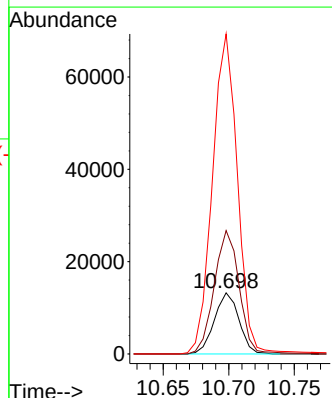
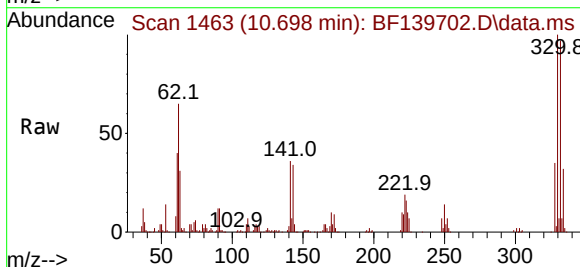
Tgt Ion:248 Resp: 17260

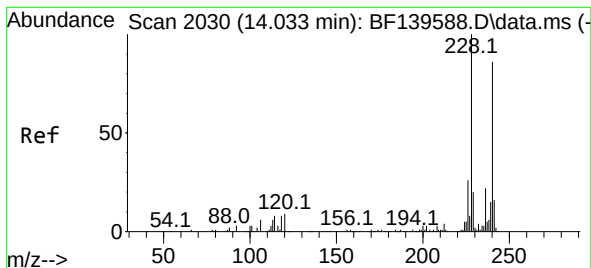
Ion Ratio Lower Upper

248 100

250 202.1 77.1 115.7#

141 523.8 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139702.D

Acq: 08 Oct 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB163952BL

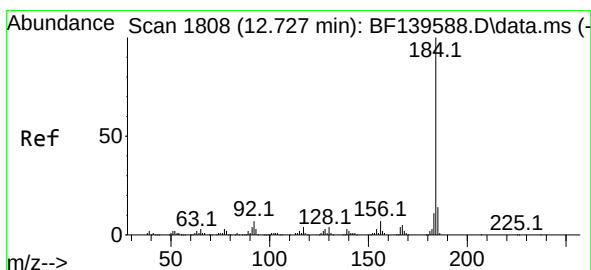
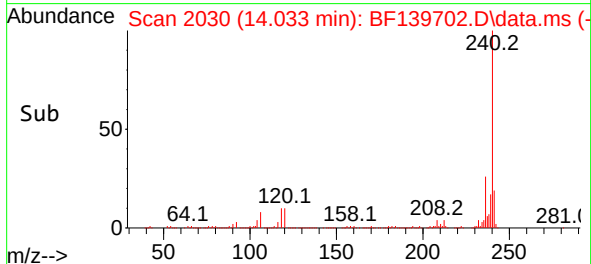
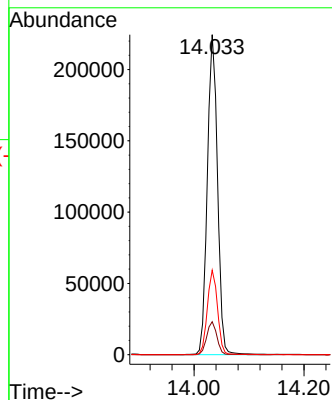
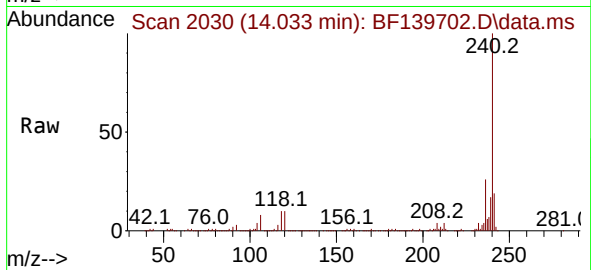
Tgt Ion:240 Resp: 288229

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 26.4 20.3 30.5



#77

Benzidine

Concen: 3.792 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139702.D

Acq: 08 Oct 2024 10:10

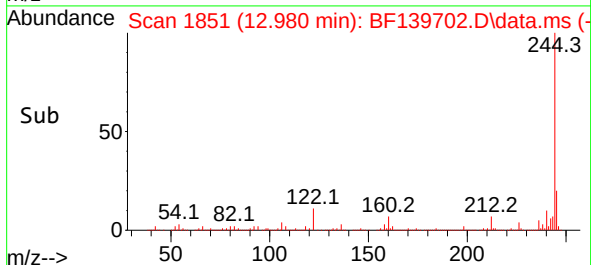
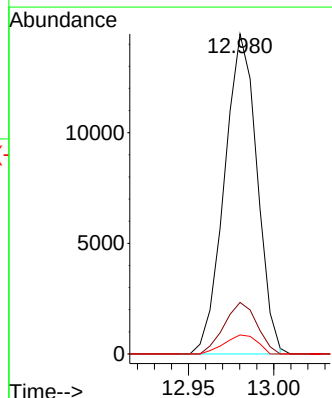
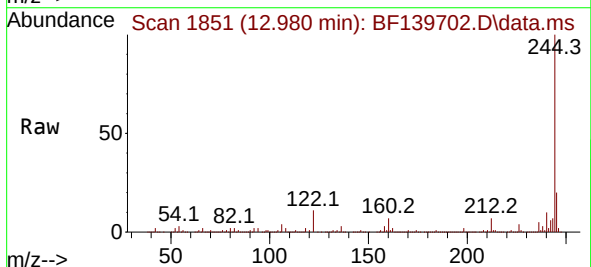
Tgt Ion:184 Resp: 19281

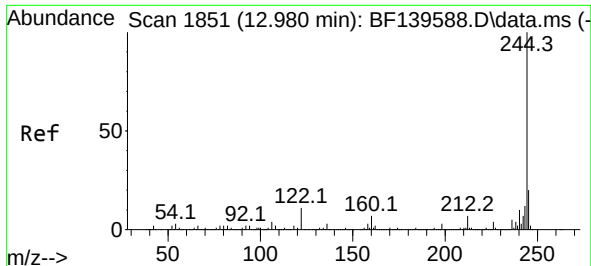
Ion Ratio Lower Upper

184 100

185 16.1 11.4 17.0

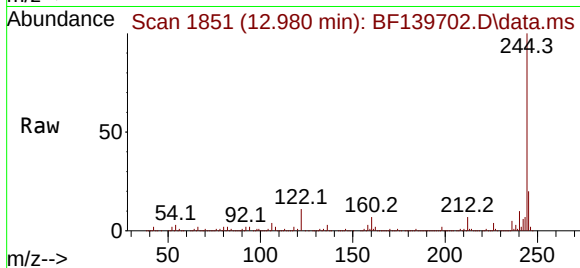
183 6.0 8.8 13.2#



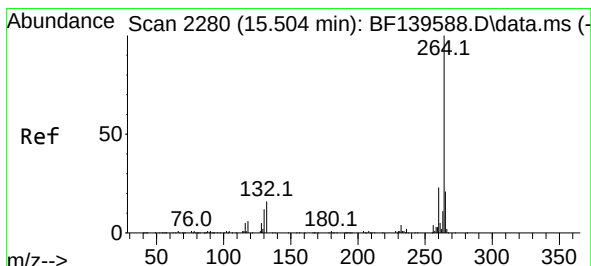
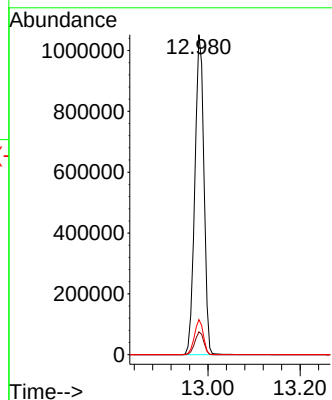
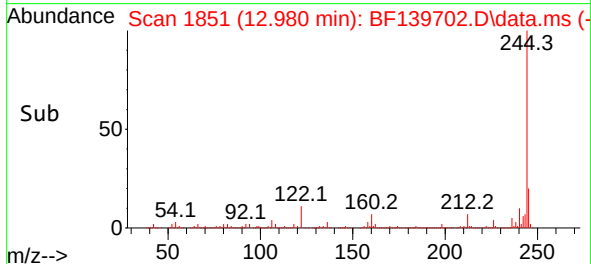


#79
 Terphenyl-d14
 Concen: 81.416 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139702.D
 Acq: 08 Oct 2024 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB163952BL



Tgt Ion:244 Resp: 1430162
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF139702.D
 Acq: 08 Oct 2024 10:10

Tgt Ion:264 Resp: 223739
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.8 16.9 25.3

