

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141580.D
 Acq On : 12 Feb 2025 10:51
 Operator : RC/JU
 Sample : PB166679BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166679BL

Quant Time: Feb 12 11:17:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

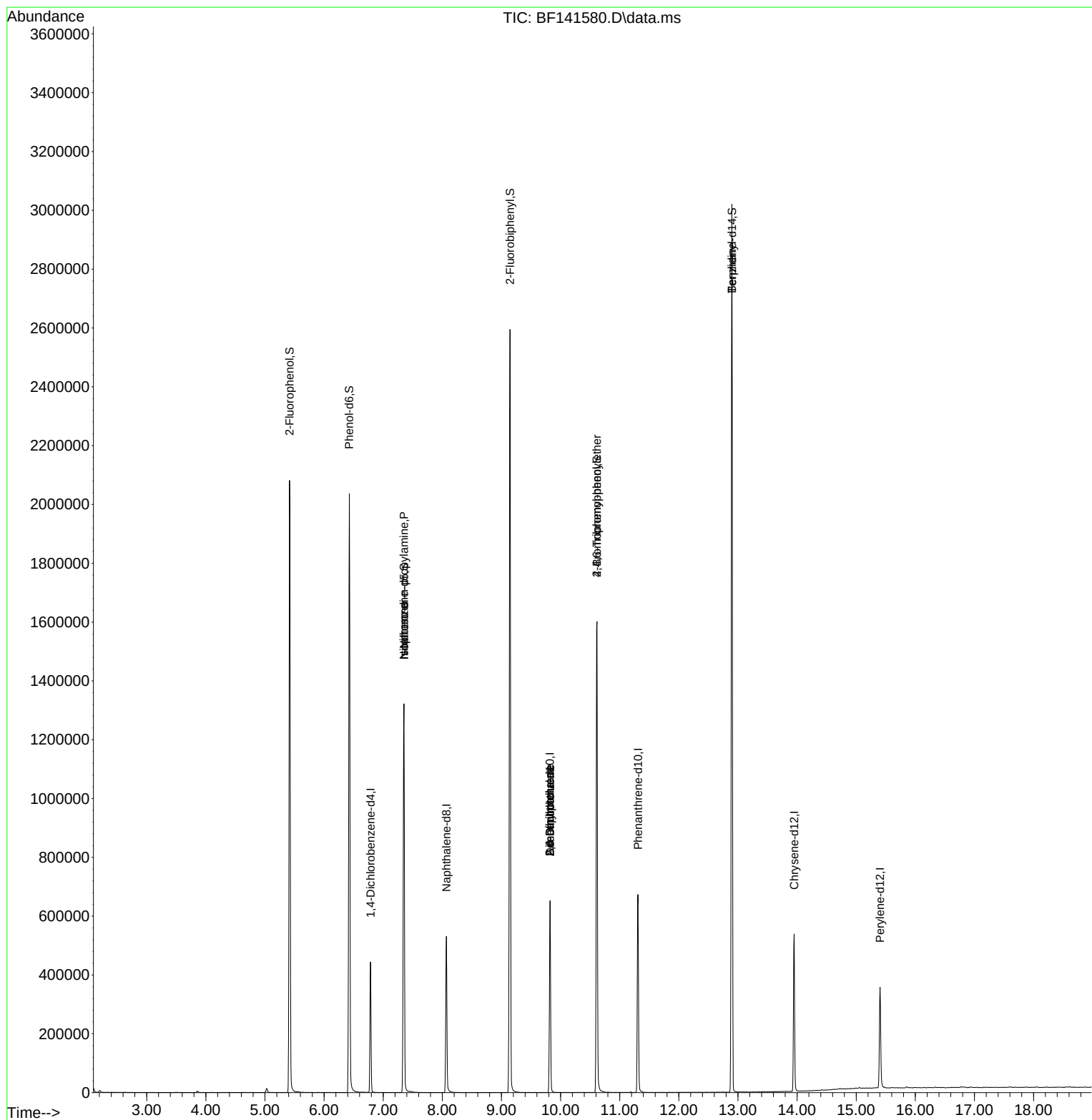
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91067	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	368322	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	203905	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	367475	20.000	ng	0.00
76) Chrysene-d12	13.951	240	275182	20.000	ng	-0.01
86) Perylene-d12	15.404	264	210140	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	773794	133.211	ng	0.00
7) Phenol-d6	6.428	99	957788	130.456	ng	-0.01
23) Nitrobenzene-d5	7.351	82	637413	90.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	280993	137.182	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1220587	92.224	ng	0.00
79) Terphenyl-d14	12.898	244	1521097	93.315	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	86317	19.655	ng	# 74
25) Isophorone	7.351	82	614790	54.602	ng	# 66
50) Dimethylphthalate	9.822	163	29553	2.135	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	25147	8.310	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	25147	6.242	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	19627	4.779	ng	# 1
77) Benzidine	12.898	184	19927	3.283	ng	# 93

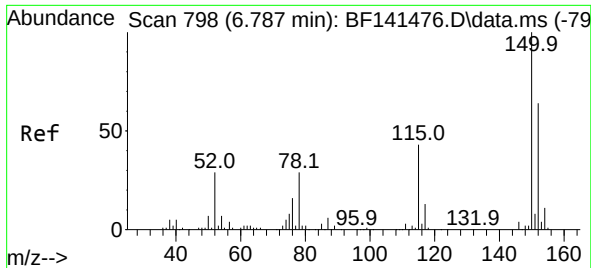
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
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QLast Update : Thu Feb 06 16:58:59 2025
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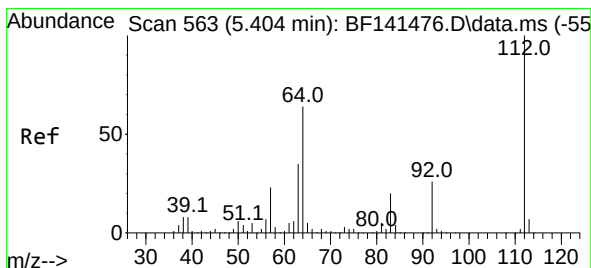
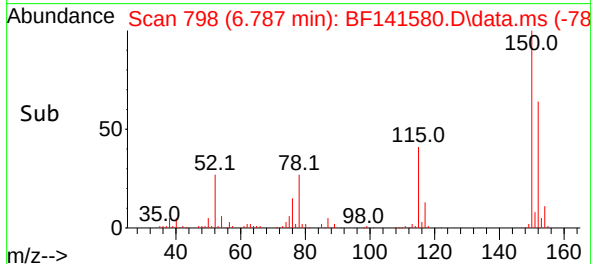
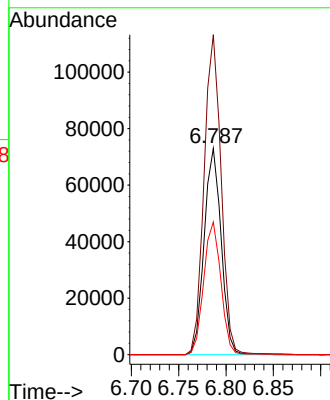
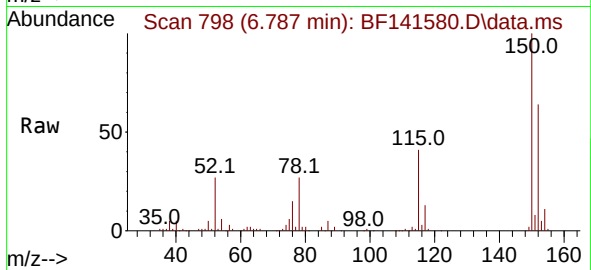




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

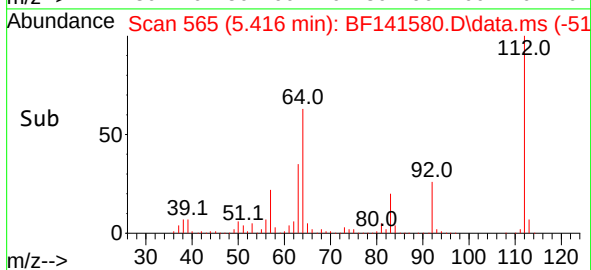
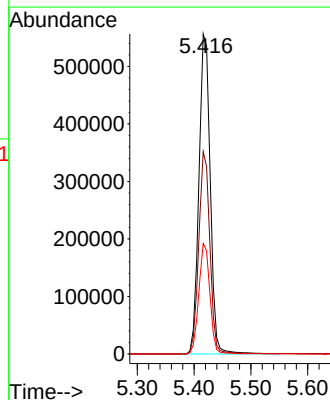
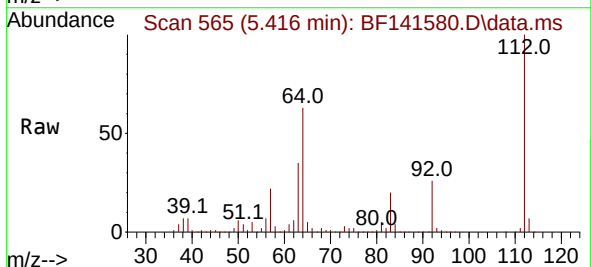
Instrument :
BNA_F
ClientSampleId :
PB166679BL

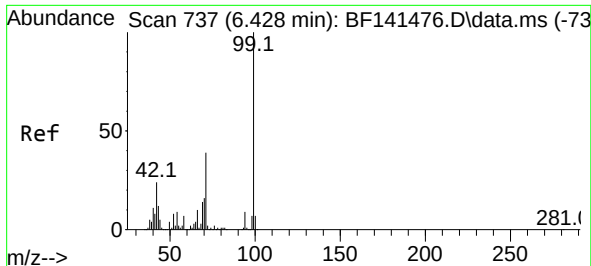
Tgt Ion:152 Resp: 91067
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 64.3 53.6 80.4



#5
2-Fluorophenol
Concen: 133.211 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion:112 Resp: 773794
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.6 28.4 42.6

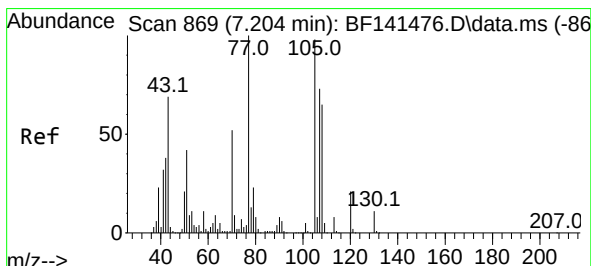
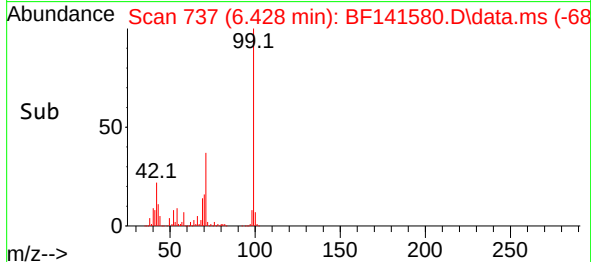
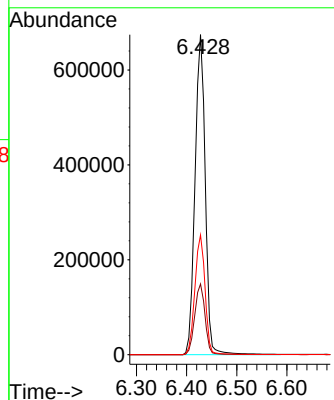
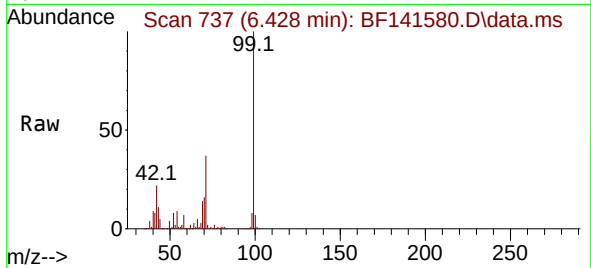




#7
Phenol-d6
Concen: 130.456 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

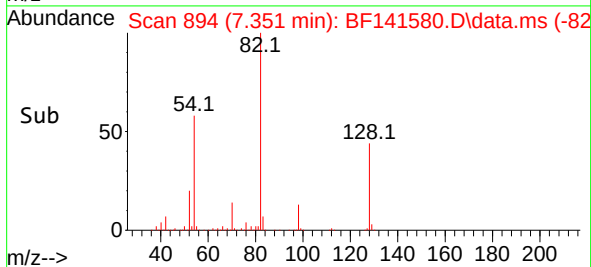
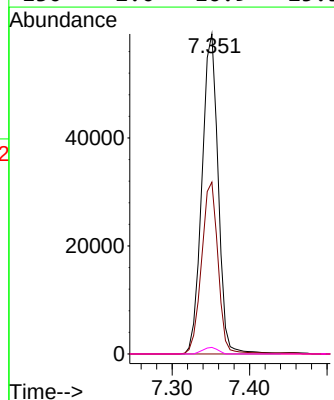
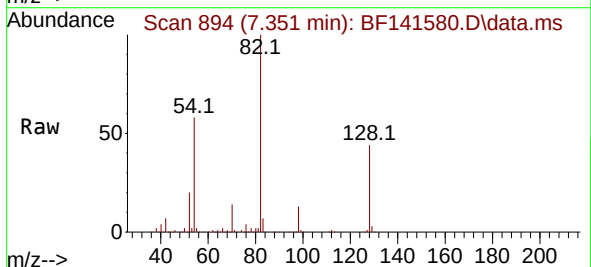
Instrument :
BNA_F
ClientSampleId :
PB166679BL

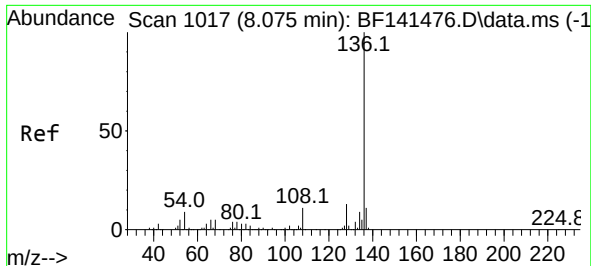
Tgt Ion: 99 Resp: 957788
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.655 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion: 70 Resp: 86317
Ion Ratio Lower Upper
70 100
42 53.7 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

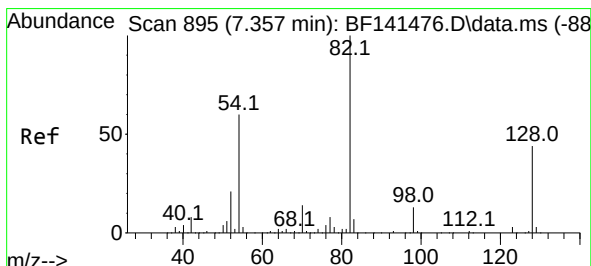
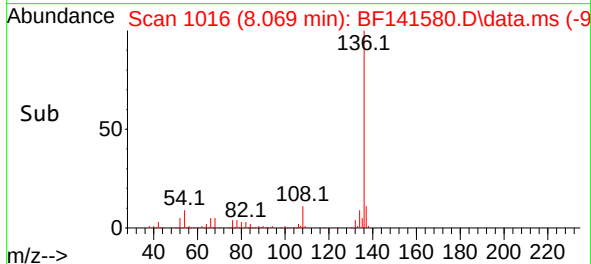
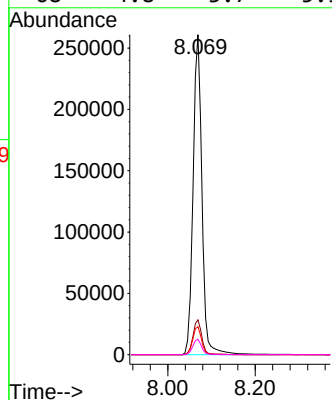
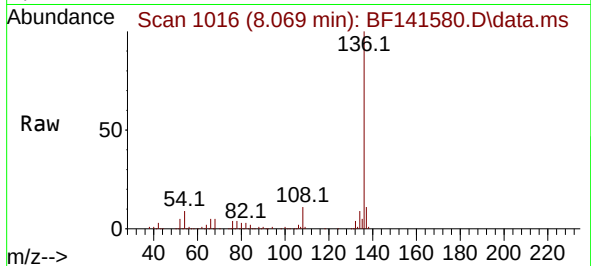




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

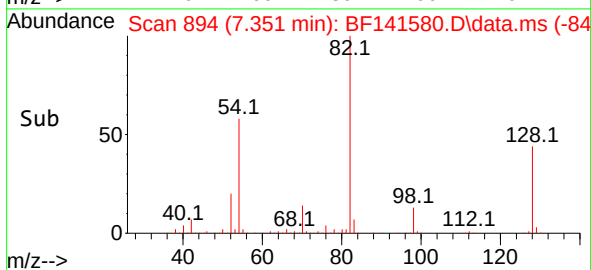
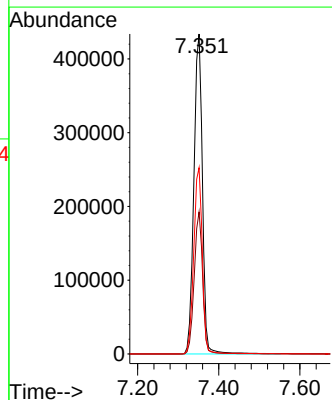
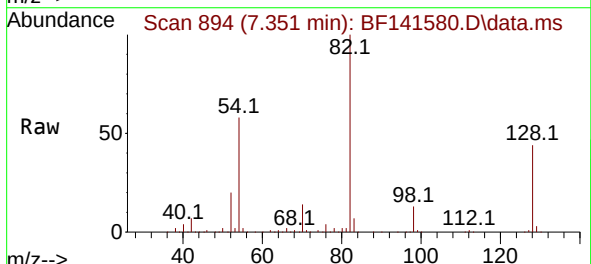
Instrument :
BNA_F
ClientSampleId :
PB166679BL

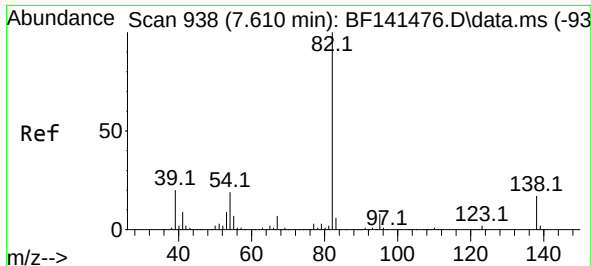
Tgt Ion:136 Resp: 368322
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 90.264 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion: 82 Resp: 637413
Ion Ratio Lower Upper
82 100
128 44.4 34.8 52.2
54 58.2 48.2 72.4

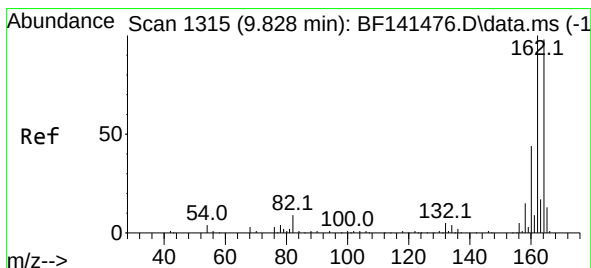
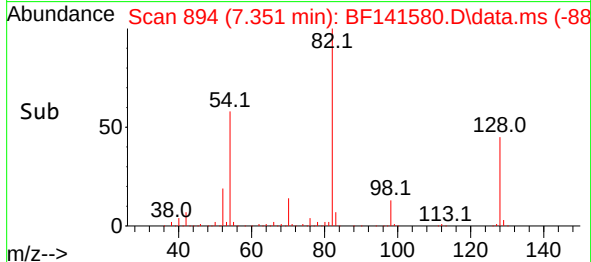
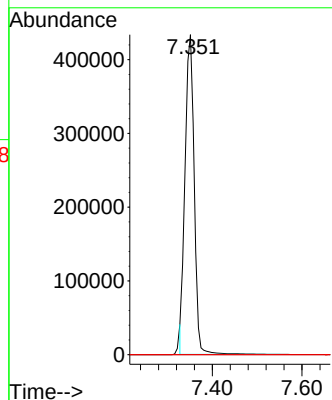
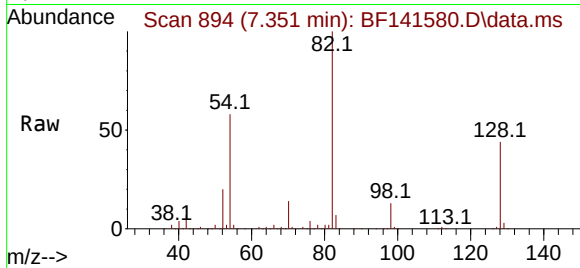




#25
Isophorone
Concen: 54.602 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

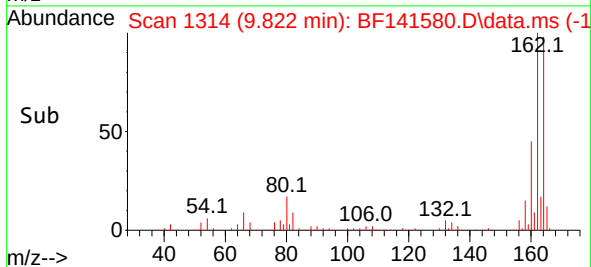
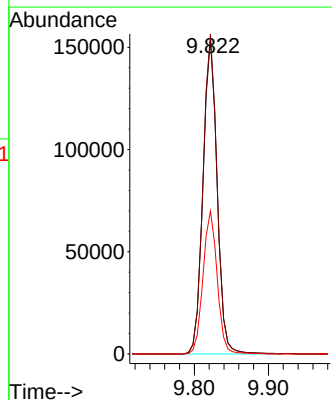
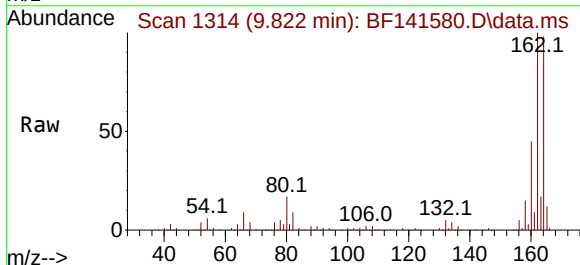
Instrument :
BNA_F
ClientSampleId :
PB166679BL

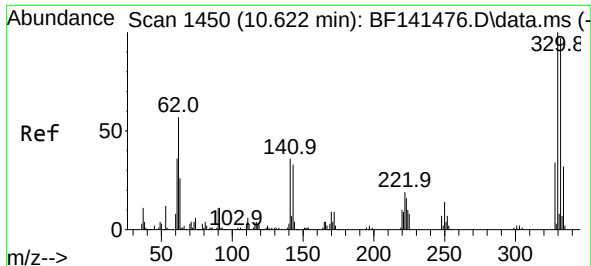
Tgt Ion: 82 Resp: 614790
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion: 164 Resp: 203905
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 137.182 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141580.D

Acq: 12 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166679BL

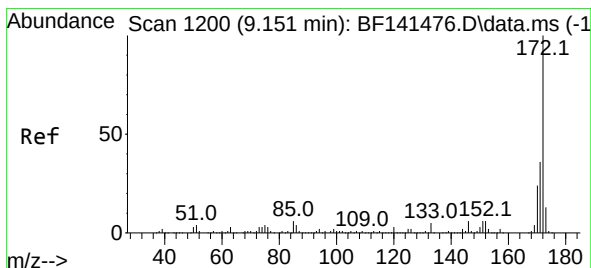
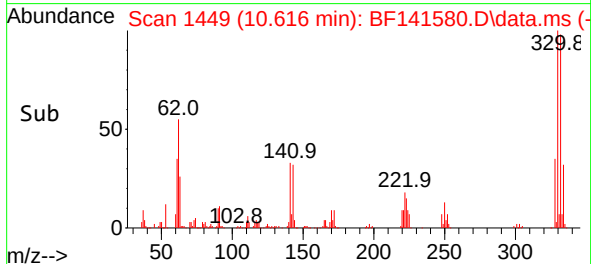
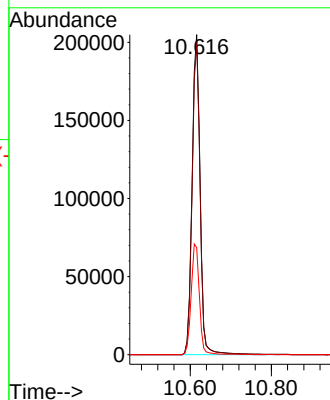
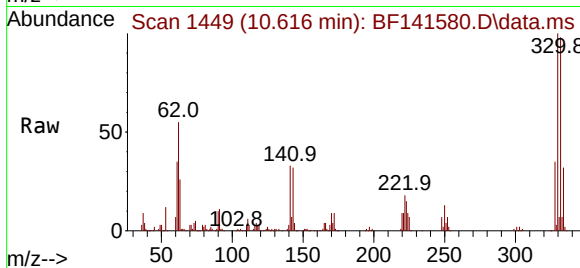
Tgt Ion:330 Resp: 280993

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 92.224 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141580.D

Acq: 12 Feb 2025 10:51

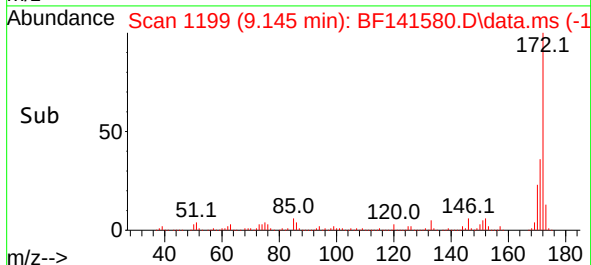
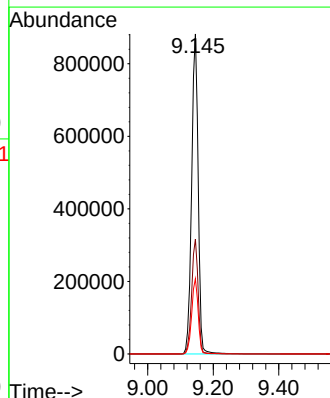
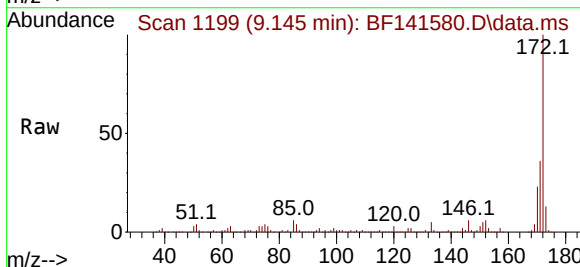
Tgt Ion:172 Resp: 1220587

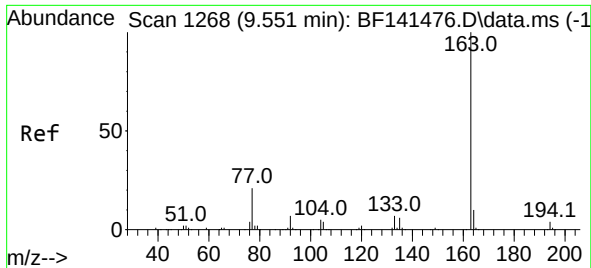
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.5 18.9 28.3

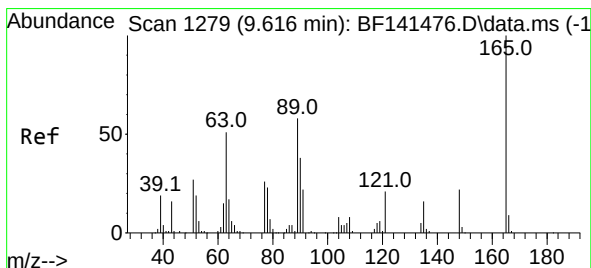
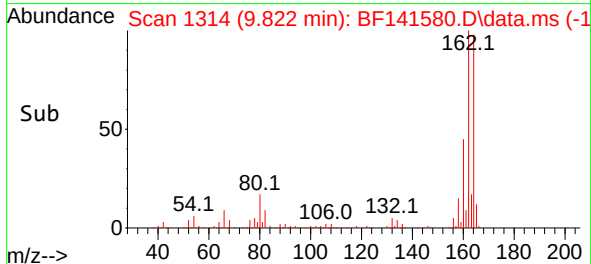
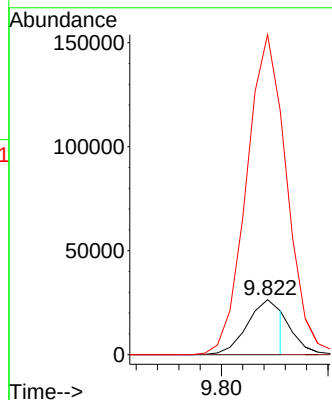
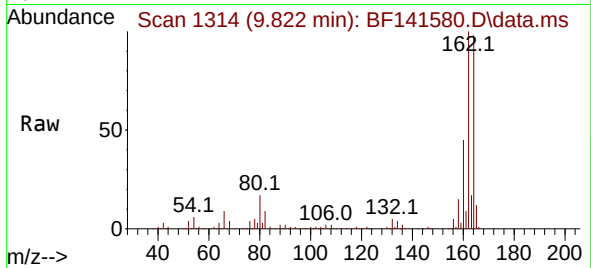




#50
Dimethylphthalate
Concen: 2.135 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

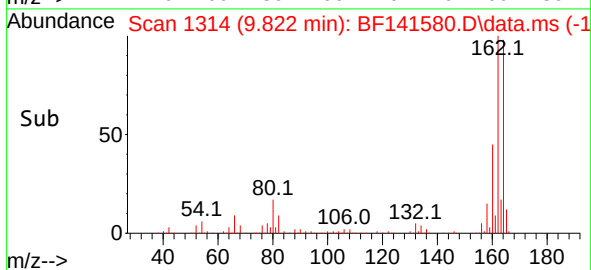
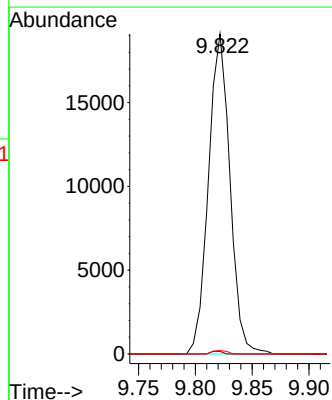
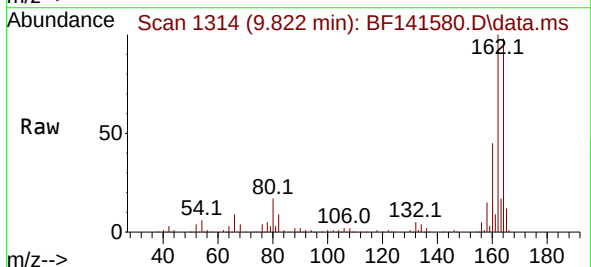
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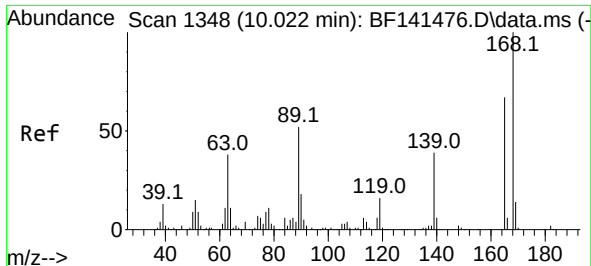
Tgt Ion:163 Resp: 29553
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 581.7 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.310 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

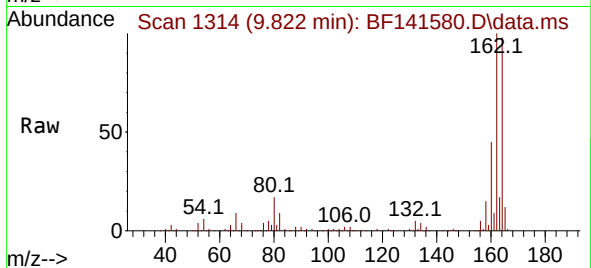
Tgt Ion:165 Resp: 25147
Ion Ratio Lower Upper
165 100
63 0.8 49.4 74.0#
89 1.0 46.5 69.7#



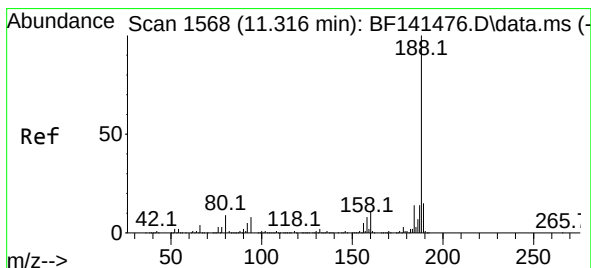
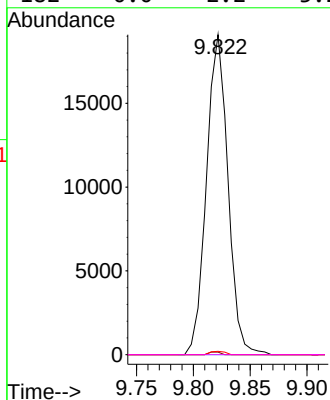
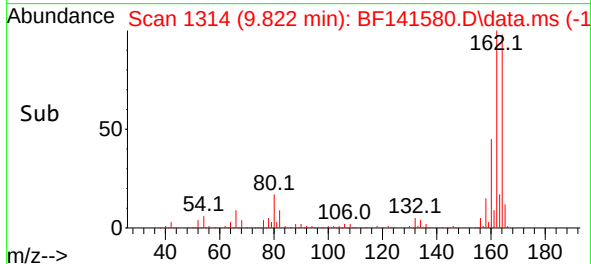


#57
2,4-Dinitrotoluene
Concen: 6.242 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

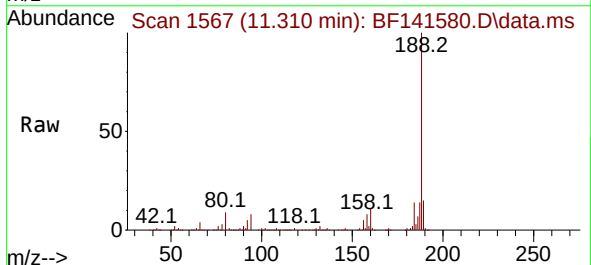
Instrument :
BNA_F
ClientSampleId :
PB166679BL



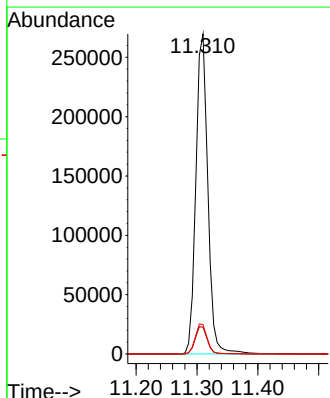
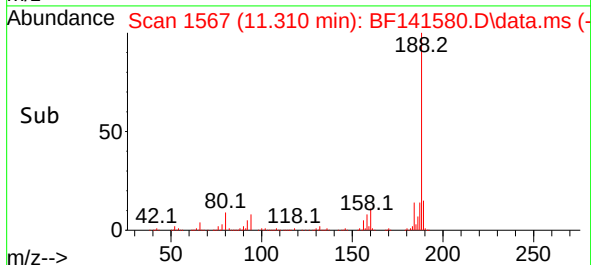
Tgt Ion:165 Resp: 25147
Ion Ratio Lower Upper
165 100
63 0.8 46.4 69.6#
89 1.0 61.8 92.6#
182 0.0 2.2 3.2#

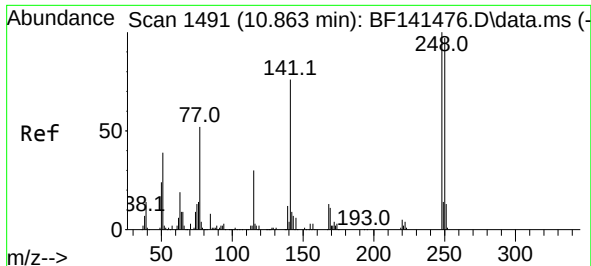


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51



Tgt Ion:188 Resp: 367475
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.2 7.3 10.9

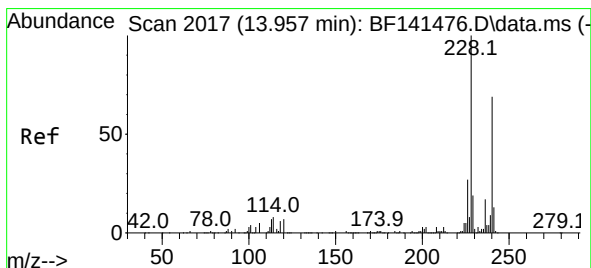
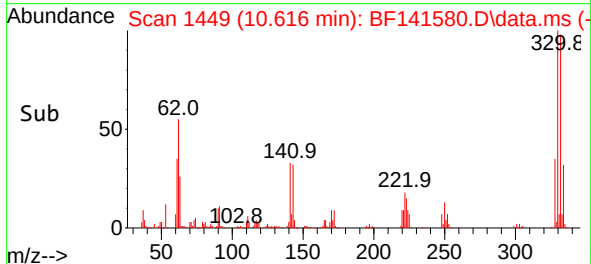
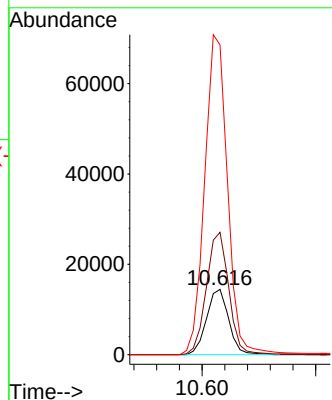
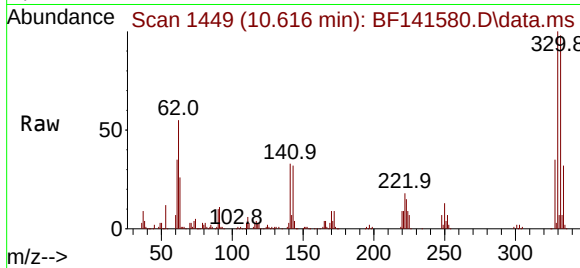




#67
4-Bromophenyl-phenylether
Concen: 4.779 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

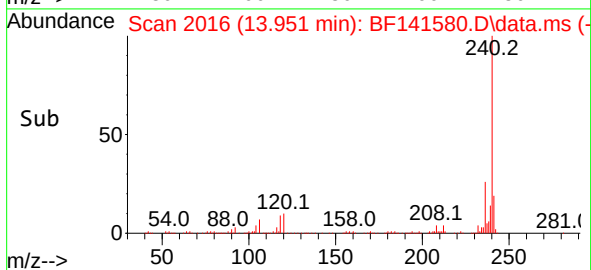
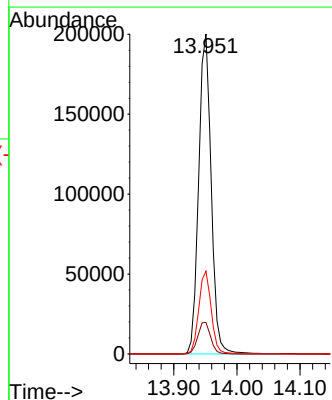
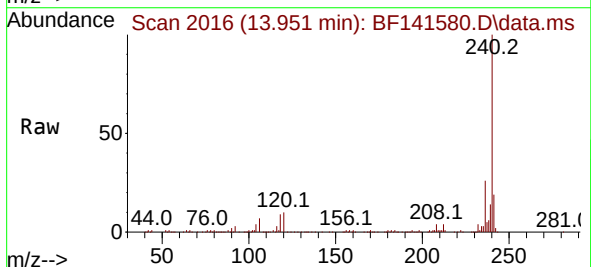
Instrument :
BNA_F
ClientSampleId :
PB166679BL

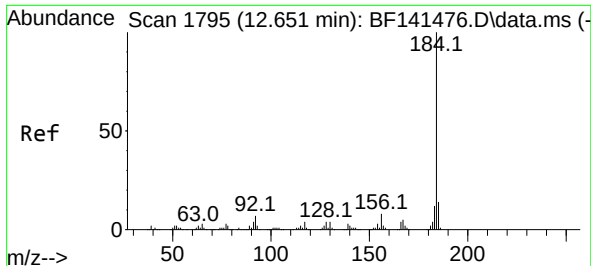
Tgt Ion:248 Resp: 19627
Ion Ratio Lower Upper
248 100
250 187.5 77.8 116.6#
141 474.3 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Tgt Ion:240 Resp: 275182
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.9 19.8 29.8

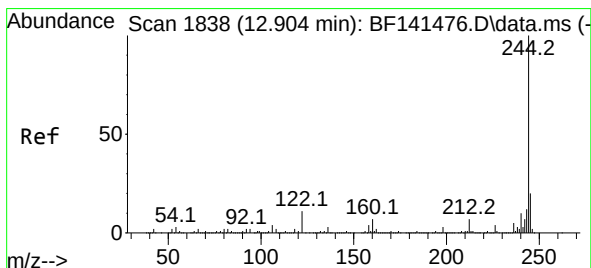
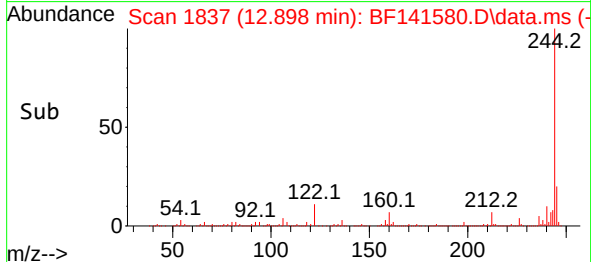
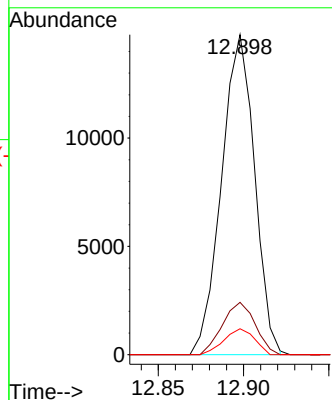
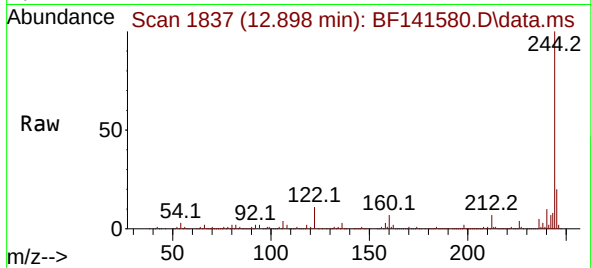




#77
Benzidine
Concen: 3.283 ng
RT: 12.898 min Scan# 1837
Delta R.T. 0.241 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

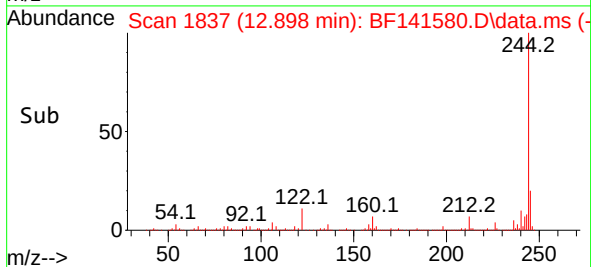
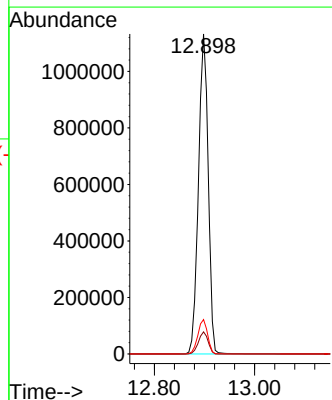
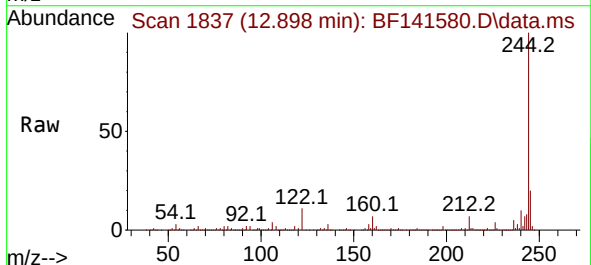
Instrument :
BNA_F
ClientSampleId :
PB166679BL

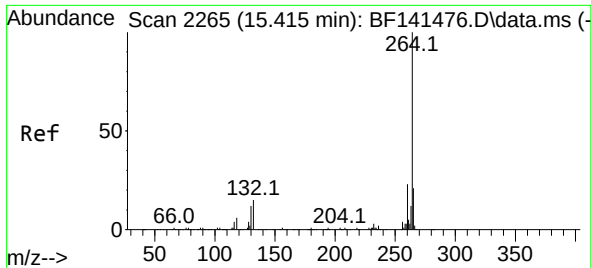
Tgt Ion:184 Resp: 19927
Ion Ratio Lower Upper
184 100
185 16.4 11.3 16.9
183 8.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 93.315 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

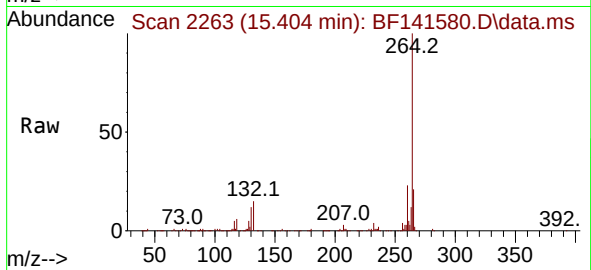
Tgt Ion:244 Resp: 1521097
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.7 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141580.D
Acq: 12 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166679BL



Tgt Ion:264 Resp: 210140

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.0	17.0	25.4

