

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141776.D
 Acq On : 26 Feb 2025 11:49
 Operator : RC/JU
 Sample : PB166853BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166853BL

Quant Time: Feb 26 12:11:51 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)

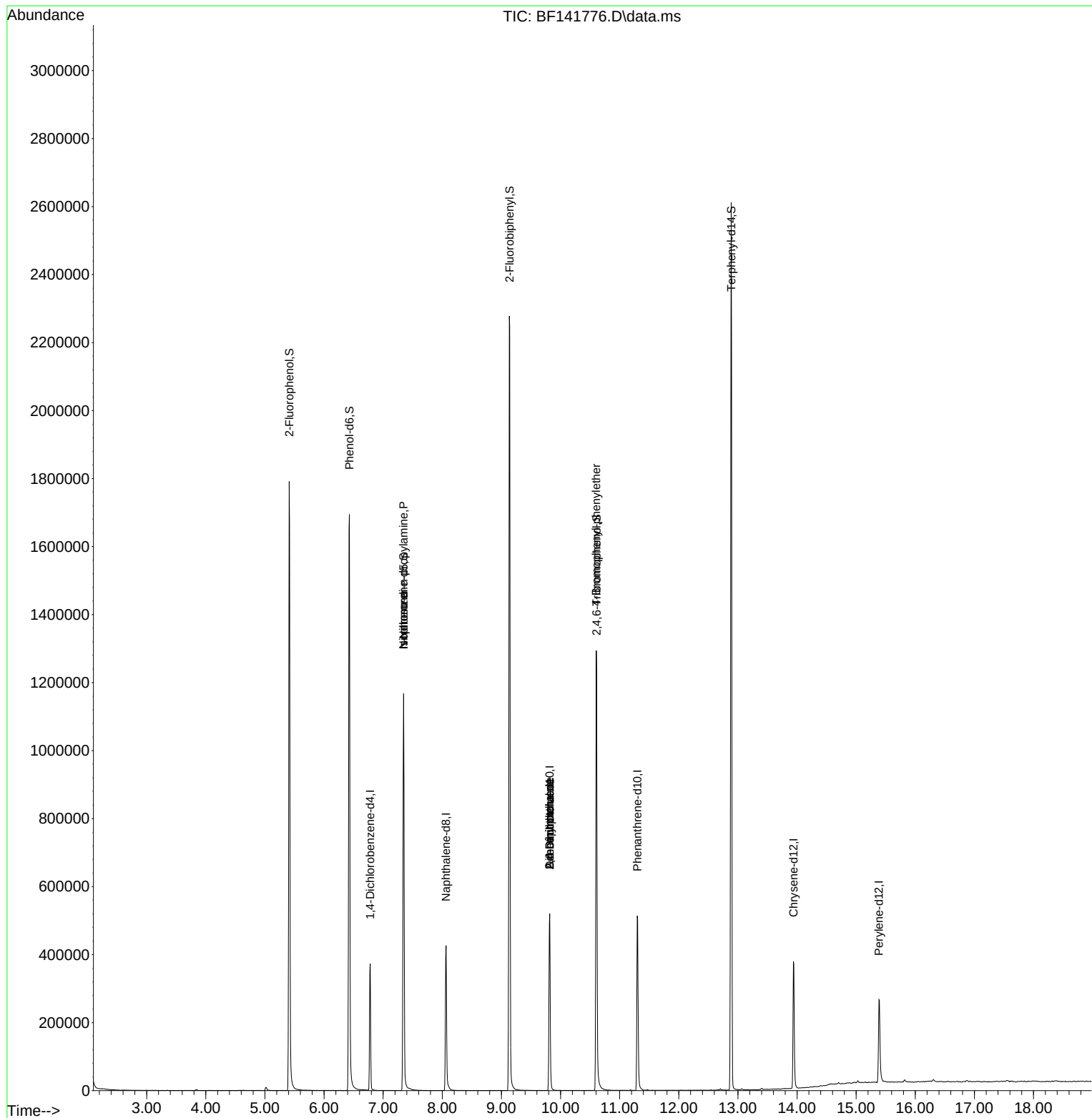
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	81286	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	323646	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	177621	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	318142	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	217249	20.000	ng	-0.02
86) Perylene-d12	15.386	264	172479	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	728584	140.520	ng	0.00
7) Phenol-d6	6.428	99	871422	132.975	ng	-0.01
23) Nitrobenzene-d5	7.345	82	562566	90.662	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	241346	135.262	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1118399	97.007	ng	-0.01
79) Terphenyl-d14	12.886	244	1339199	104.065	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	76594	19.540	ng	# 70
25) Isophorone	7.345	82	545823	55.168	ng	# 66
50) Dimethylphthalate	9.816	163	25755	2.136	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	23014	8.731	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	23014	6.558	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	16556	4.656	ng	# 1

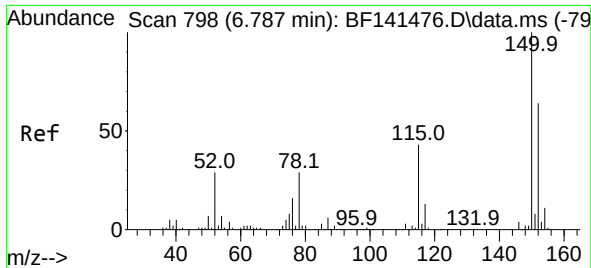
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
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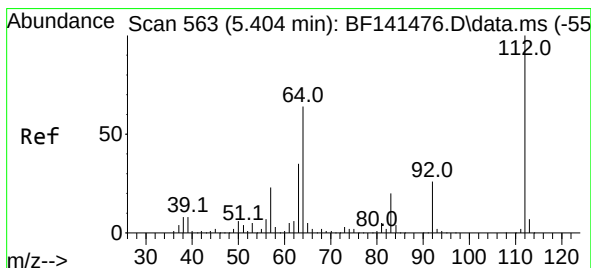
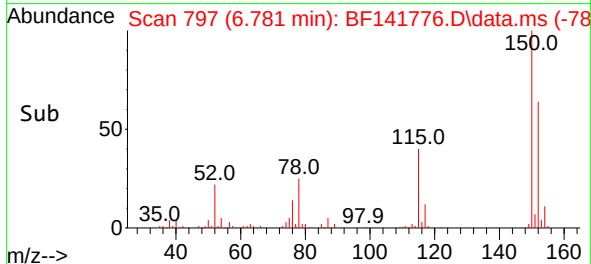
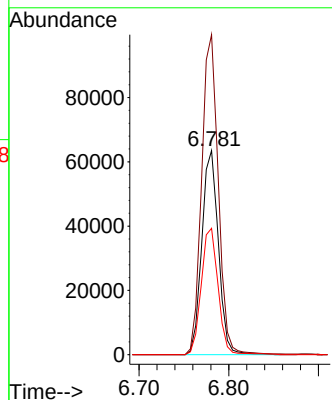
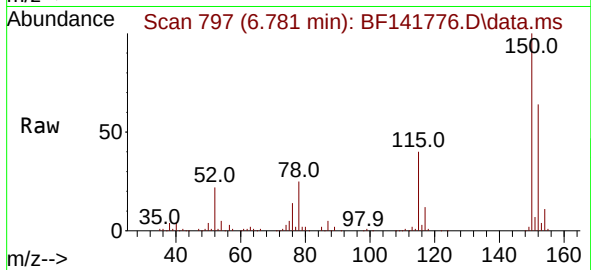




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

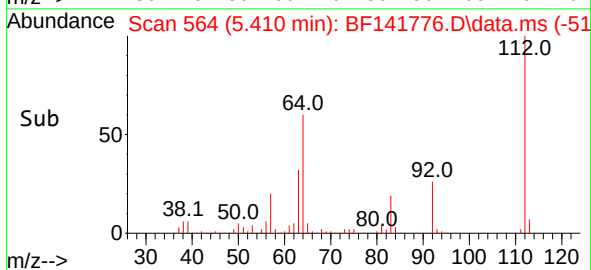
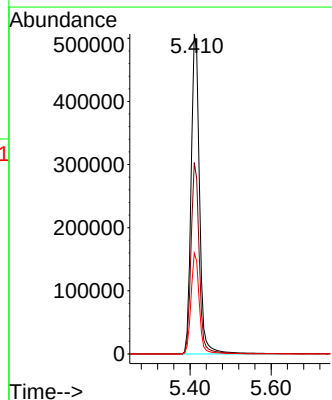
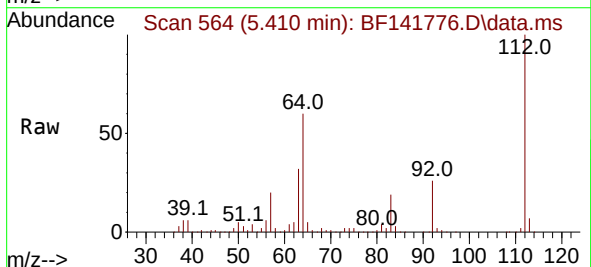
Instrument :
BNA_F
ClientSampleId :
PB166853BL

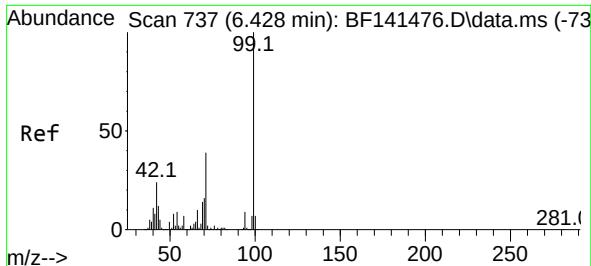
Tgt Ion:152 Resp: 81286
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.4
115 61.9 53.6 80.4



#5
2-Fluorophenol
Concen: 140.520 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Tgt Ion:112 Resp: 728584
Ion Ratio Lower Upper
112 100
64 59.8 51.1 76.7
63 31.6 28.4 42.6

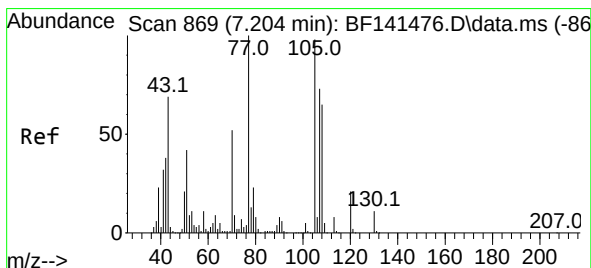
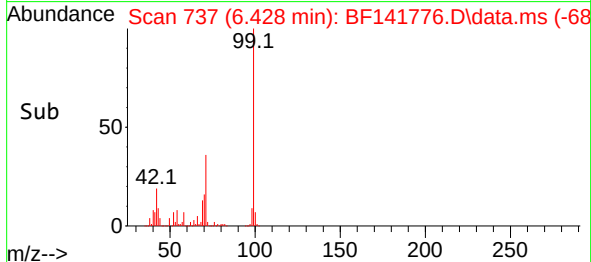
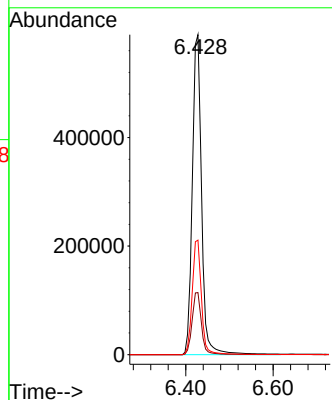
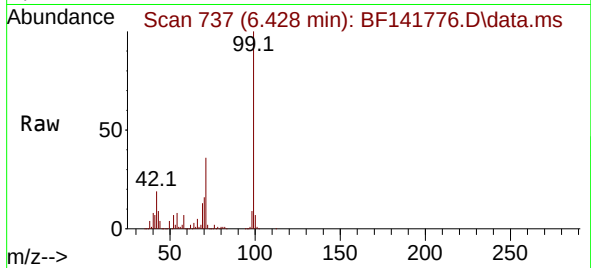




#7
Phenol-d6
Concen: 132.975 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

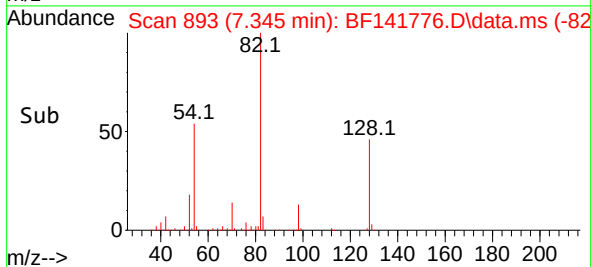
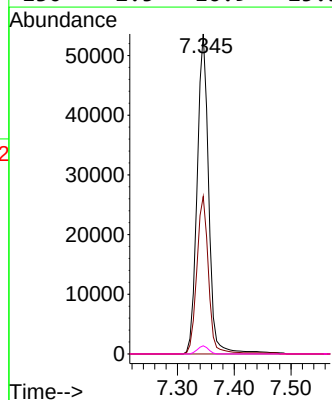
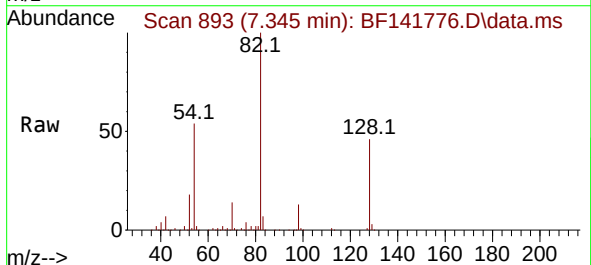
Instrument :
BNA_F
ClientSampleId :
PB166853BL

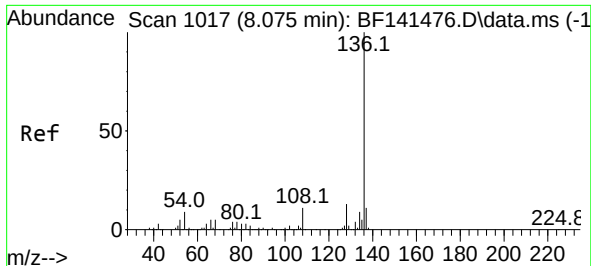
Tgt Ion: 99 Resp: 871422
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 35.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.540 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Tgt Ion: 70 Resp: 76594
Ion Ratio Lower Upper
70 100
42 49.2 57.4 86.2#
101 0.0 8.0 12.0#
130 2.5 16.9 25.3#

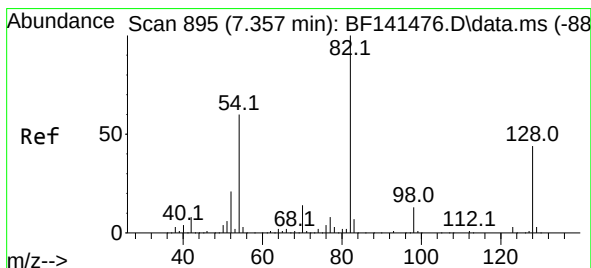
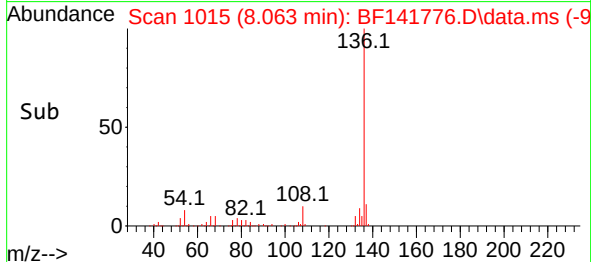
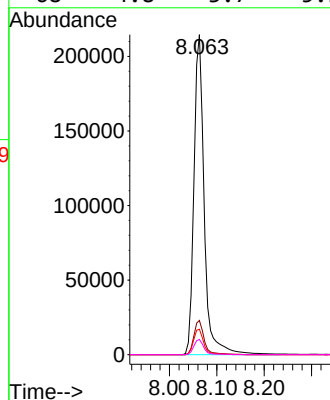
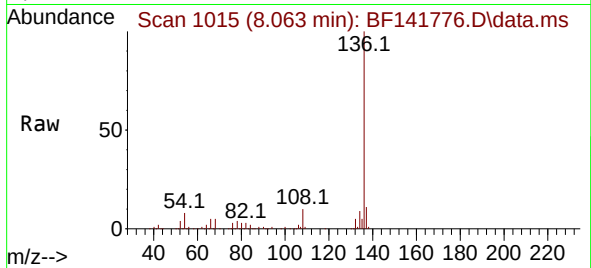




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

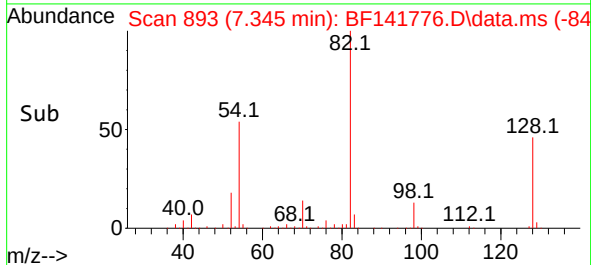
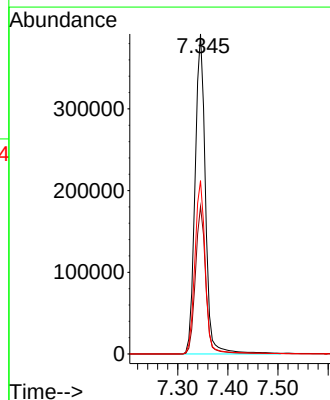
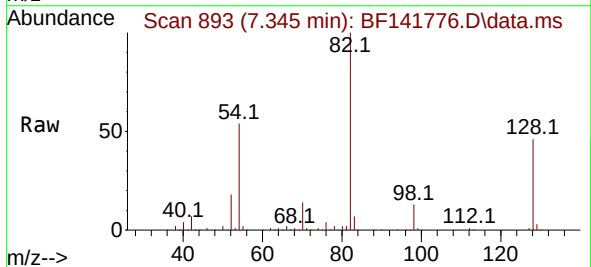
Instrument :
BNA_F
ClientSampleId :
PB166853BL

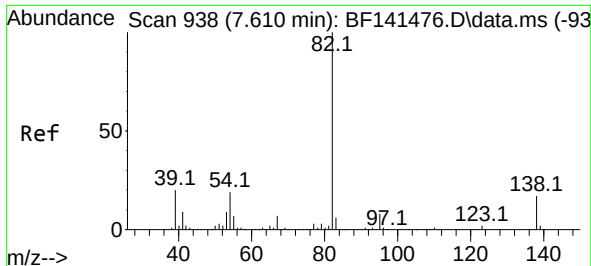
Tgt Ion:136 Resp: 323646
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.9 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 90.662 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Tgt Ion: 82 Resp: 562566
Ion Ratio Lower Upper
82 100
128 46.1 34.8 52.2
54 54.1 48.2 72.4





#25

Isophorone

Concen: 55.168 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.276 min

Lab File: BF141776.D

Acq: 26 Feb 2025 11:49

Instrument :

BNA_F

ClientSampleId :

PB166853BL

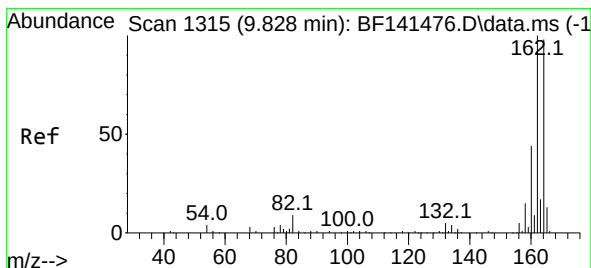
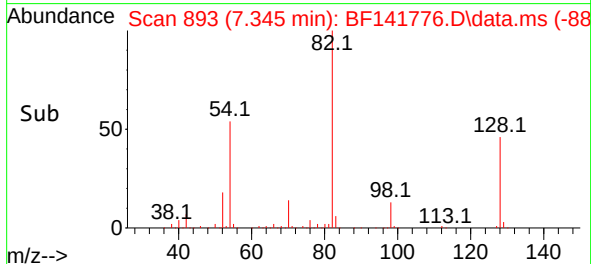
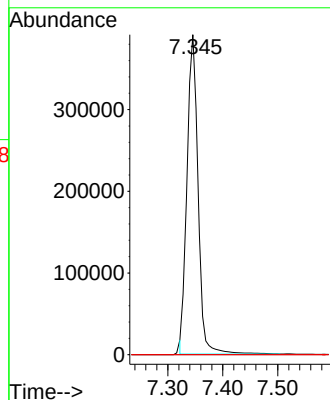
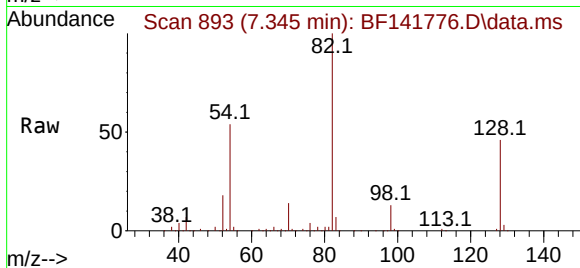
Tgt Ion: 82 Resp: 545823

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: 9.816 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF141776.D

Acq: 26 Feb 2025 11:49

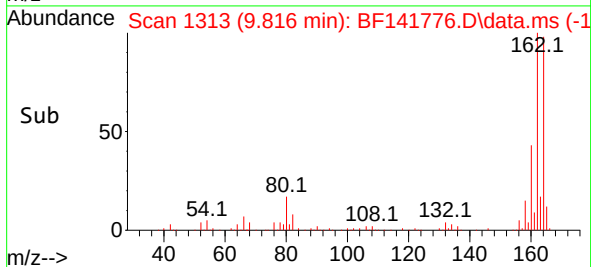
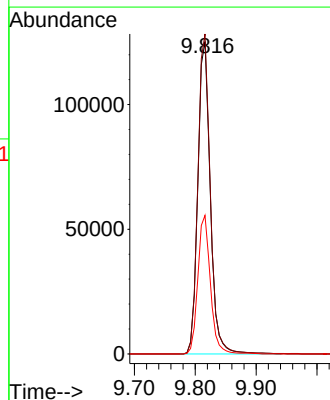
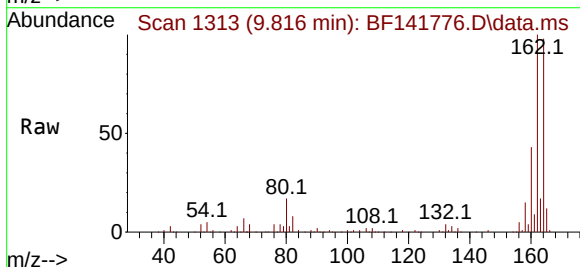
Tgt Ion:164 Resp: 177621

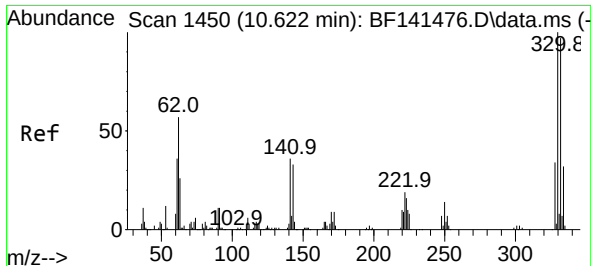
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

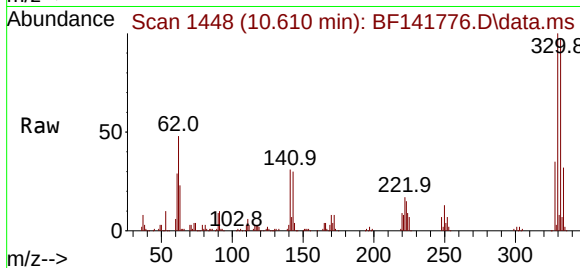
160 44.4 35.9 53.9



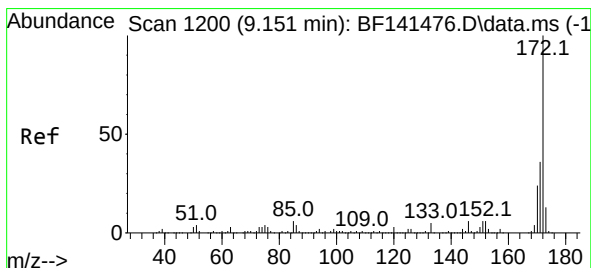
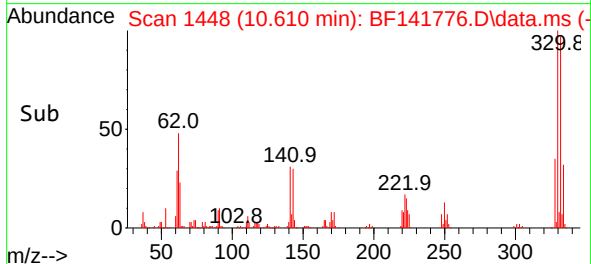
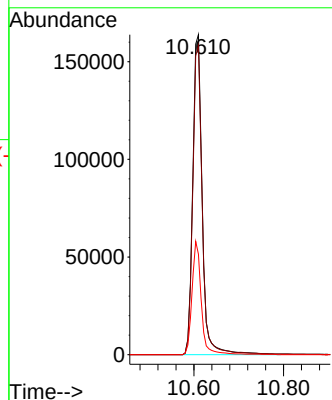


#42
2,4,6-Tribromophenol
Concen: 135.262 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Instrument :
BNA_F
ClientSampleId :
PB166853BL

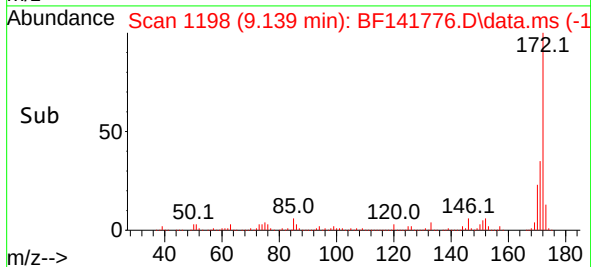
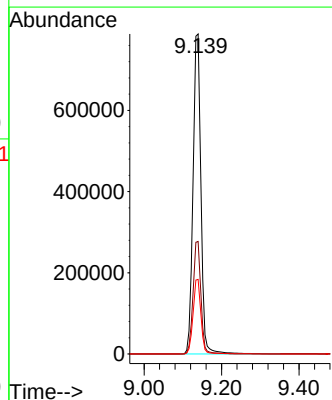
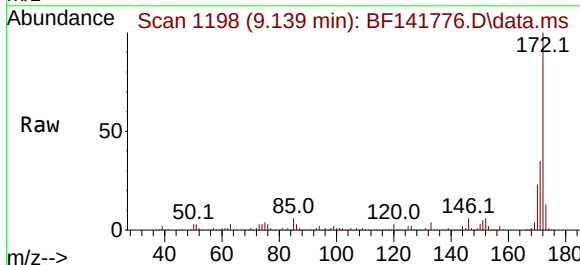


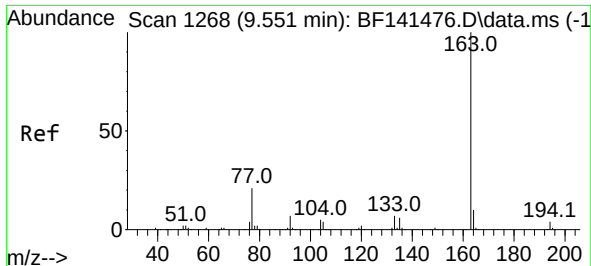
Tgt Ion:330 Resp: 241346
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 34.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 97.007 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Tgt Ion:172 Resp: 1118399
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.3 18.9 28.3

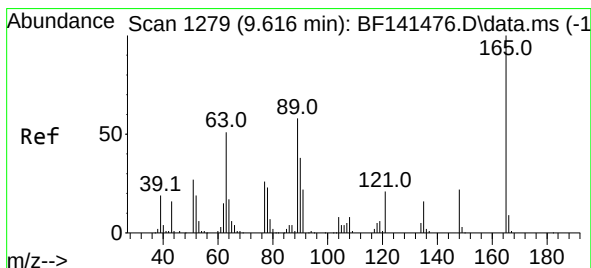
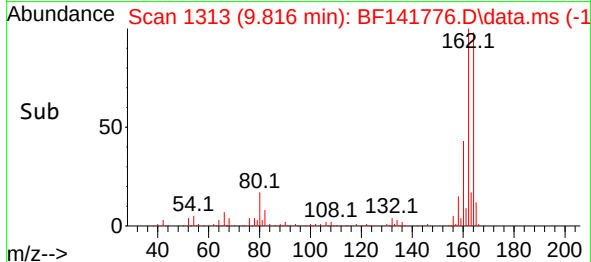
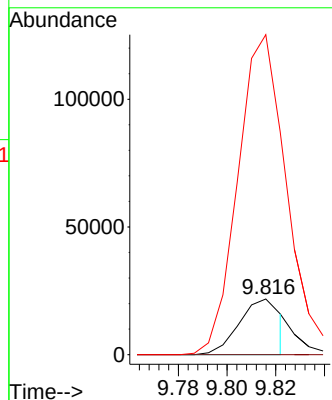
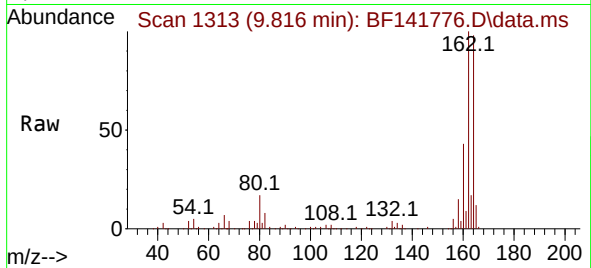




#50
Dimethylphthalate
Concen: 2.136 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.253 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

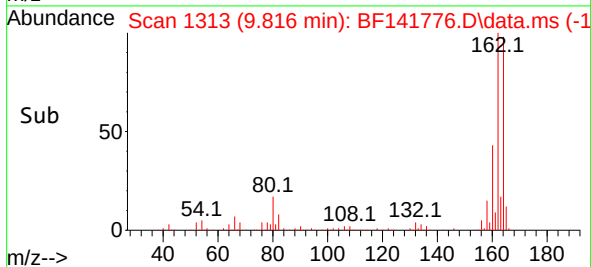
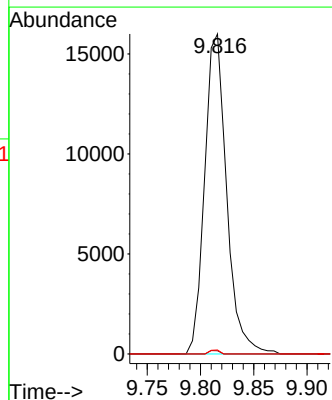
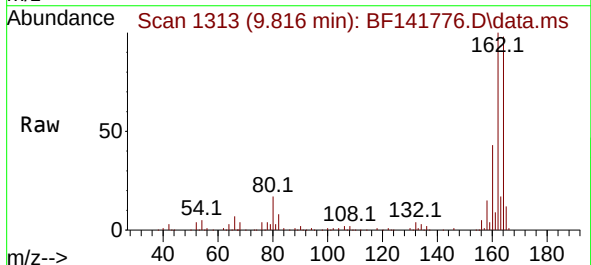
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ClientSampleId :
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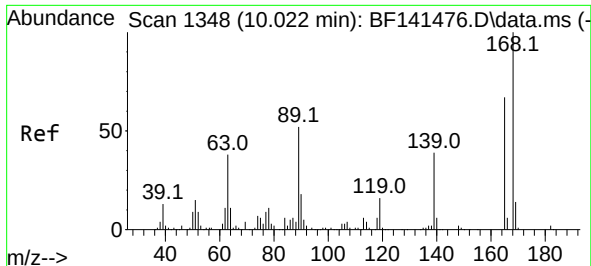
Tgt Ion:163 Resp: 25755
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 574.0 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.731 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

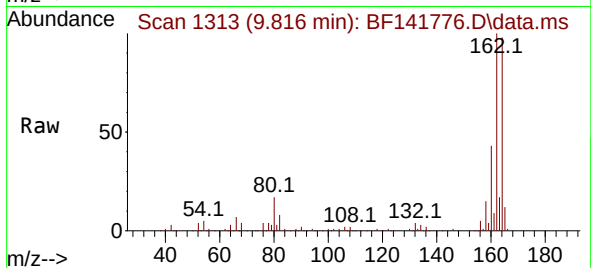
Tgt Ion:165 Resp: 23014
Ion Ratio Lower Upper
165 100
63 1.0 49.4 74.0#
89 1.3 46.5 69.7#



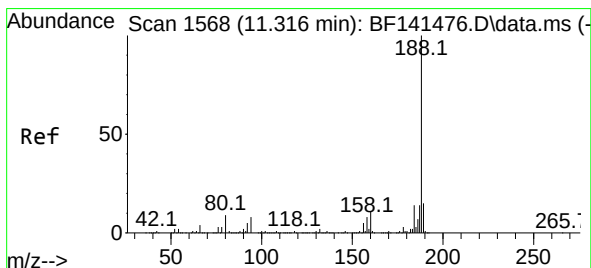
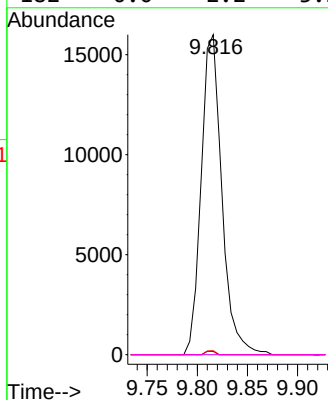
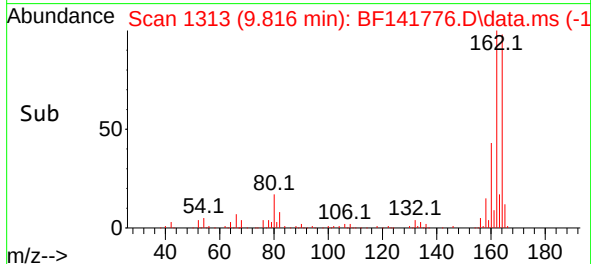


#57
2,4-Dinitrotoluene
Concen: 6.558 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

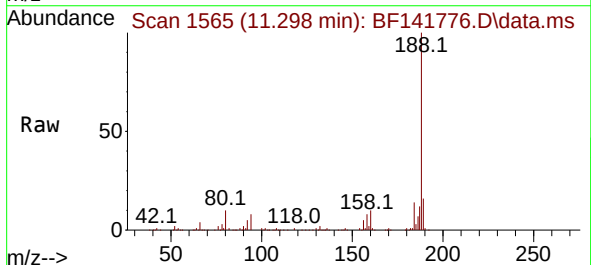
Instrument :
BNA_F
ClientSampleId :
PB166853BL



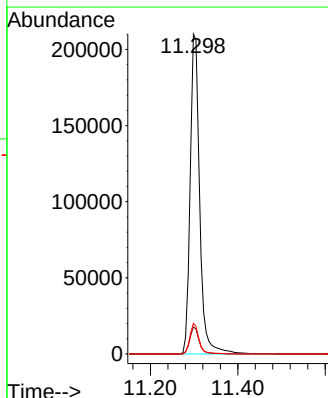
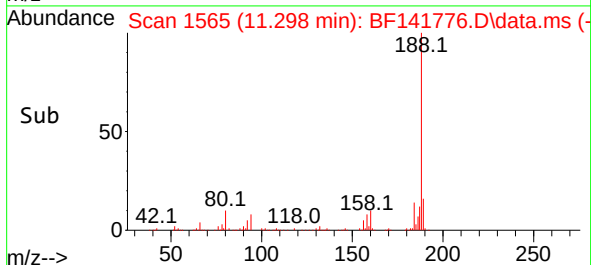
Tgt Ion:165 Resp: 23014
Ion Ratio Lower Upper
165 100
63 1.0 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#

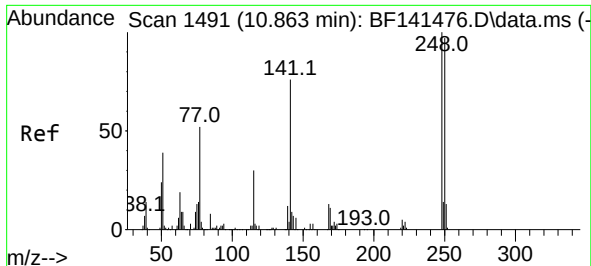


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49



Tgt Ion:188 Resp: 318142
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.6 7.3 10.9

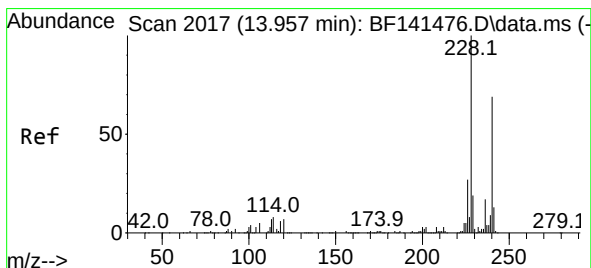
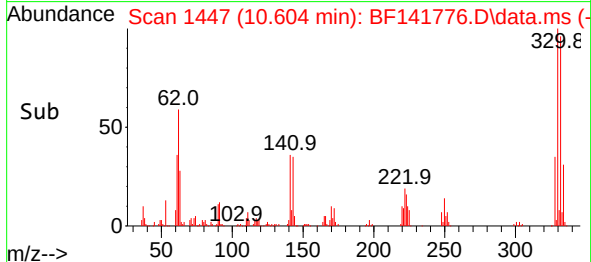
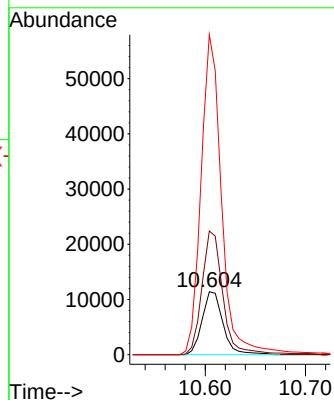
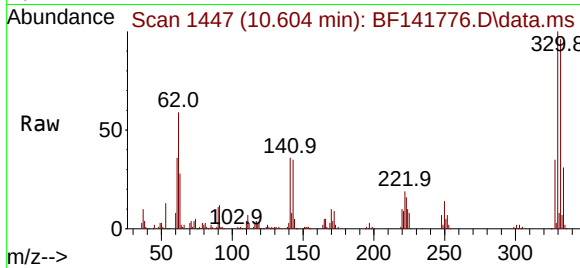




#67
4-Bromophenyl-phenylether
Concen: 4.656 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

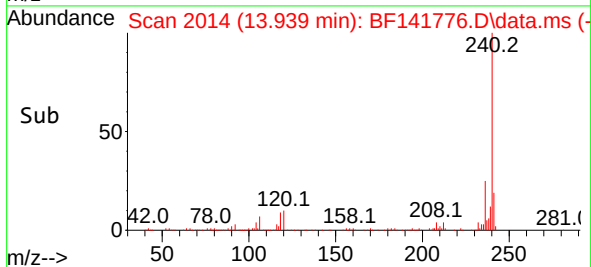
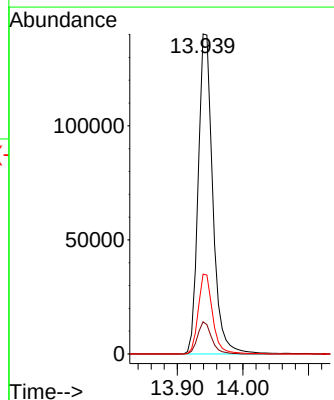
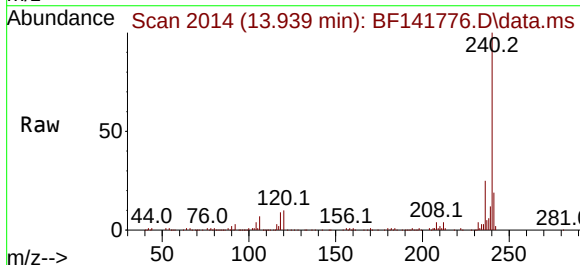
Instrument :
BNA_F
ClientSampleId :
PB166853BL

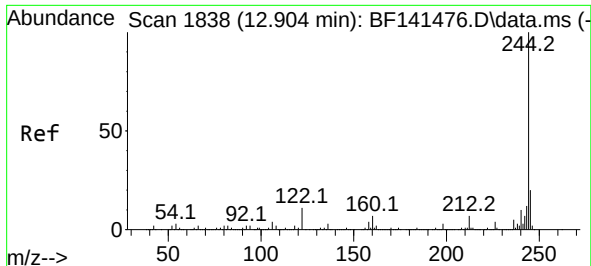
Tgt Ion:248 Resp: 16556
Ion Ratio Lower Upper
248 100
250 196.6 77.8 116.6#
141 508.6 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

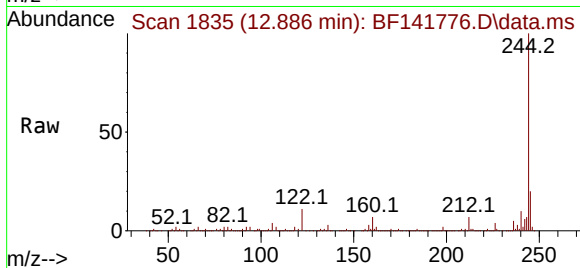
Tgt Ion:240 Resp: 217249
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 24.9 19.8 29.8



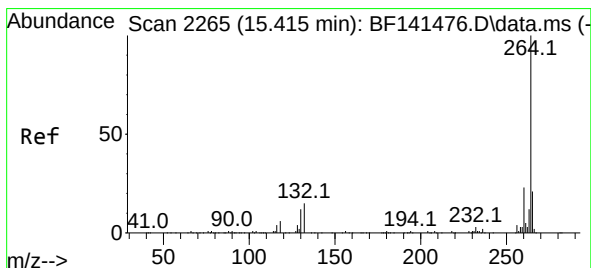
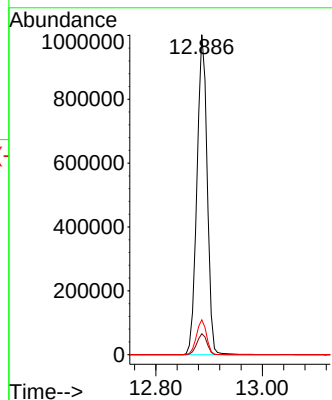
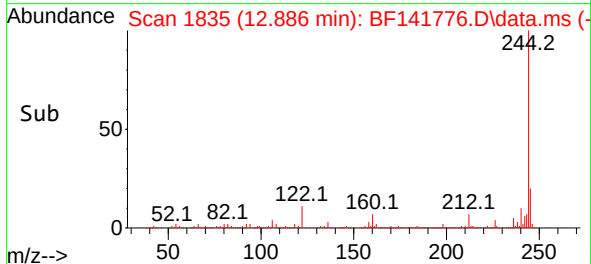


#79
Terphenyl-d14
Concen: 104.065 ng
RT: 12.886 min Scan# 1835
Delta R.T. -0.017 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Instrument :
BNA_F
ClientSampleId :
PB166853BL



Tgt Ion:244 Resp: 1339199
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.9 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.029 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Tgt Ion:264 Resp: 172479
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.5 17.0 25.4

