

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141454.D
 Acq On : 05 Feb 2025 18:27
 Operator : RC/JU
 Sample : Q1207-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-20.2-012725

Quant Time: Feb 06 01:44:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

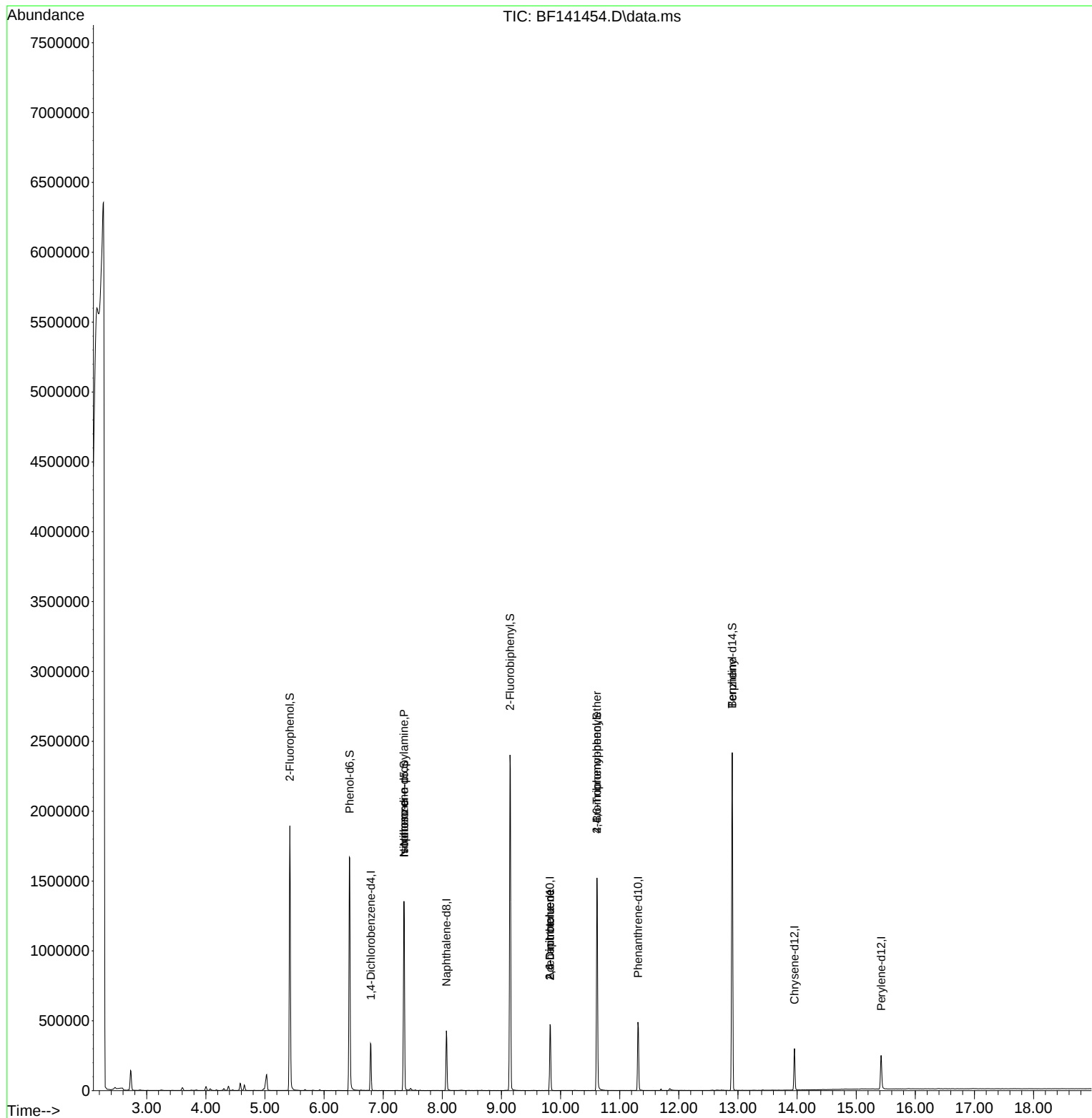
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	67649	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	271784	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	146327	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	252173	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	148665	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	147857	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	670544	152.171	ng	0.01
7) Phenol-d6	6.434	99	763998	136.290	ng	0.00
23) Nitrobenzene-d5	7.351	82	596482	115.696	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	246838	184.004	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1096891	115.380	ng	-0.02
79) Terphenyl-d14	12.904	244	1202582	124.751	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	83688	25.125	ng	# 76
25) Isophorone	7.351	82	589849	66.187	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	18311	7.980	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	18311	6.163	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16917	5.992	ng	# 1
77) Benzidine	12.904	184	16116	3.381	ng	# 93

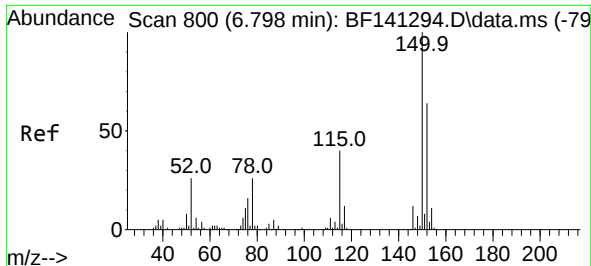
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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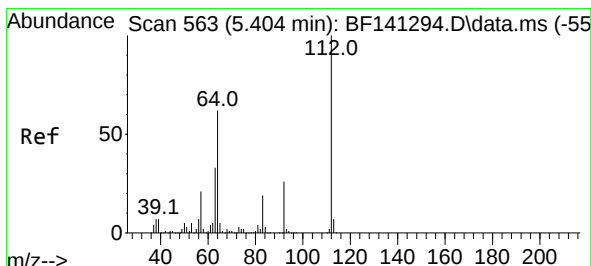
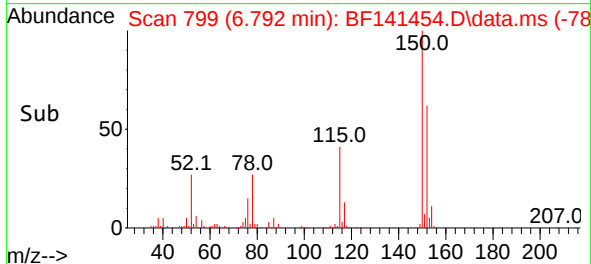
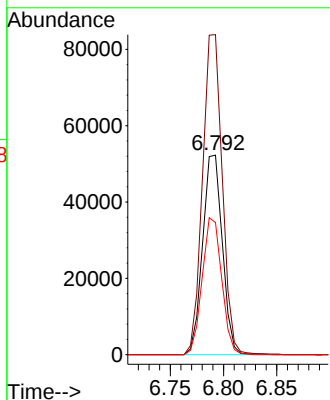
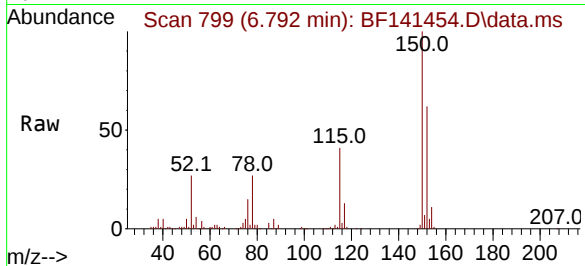




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

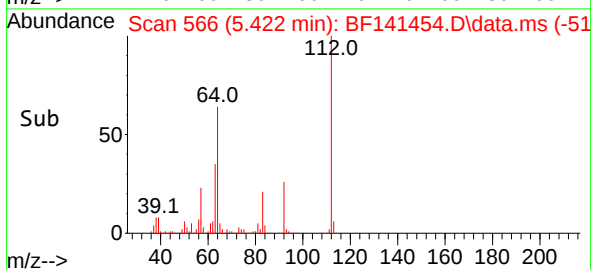
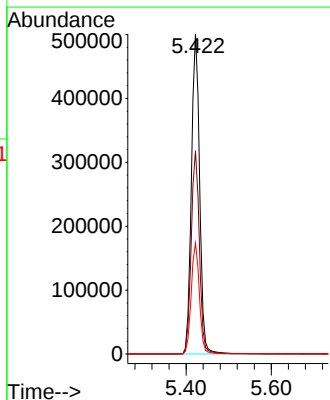
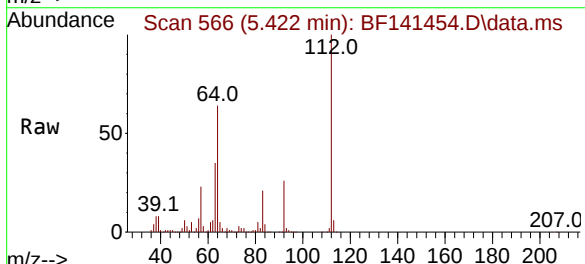
Instrument :
BNA_F
ClientSampleId :
JPP-20.2-012725

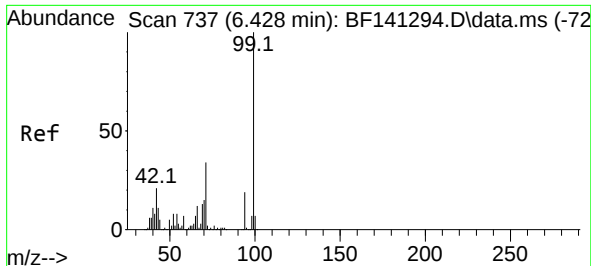
Tgt Ion:152 Resp: 67649
Ion Ratio Lower Upper
152 100
150 160.3 125.9 188.9
115 66.2 49.7 74.5



#5
2-Fluorophenol
Concen: 152.171 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:112 Resp: 670544
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 34.7 26.1 39.1

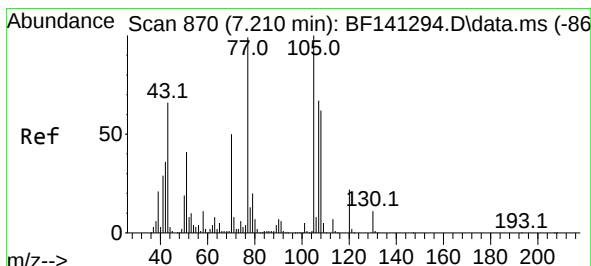
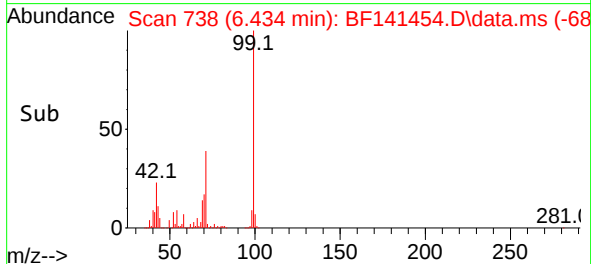
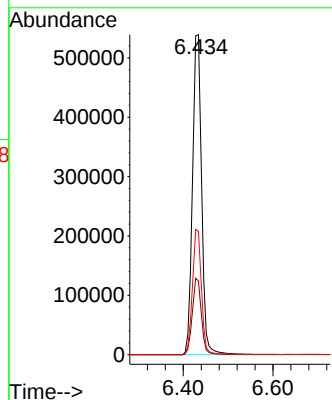
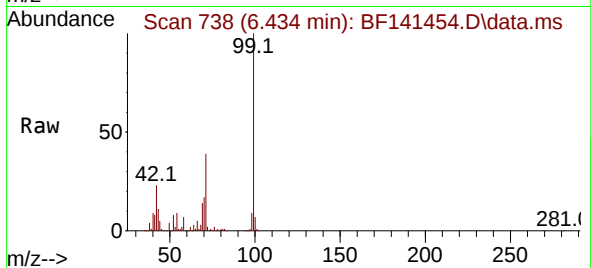




#7
Phenol-d6
Concen: 136.290 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

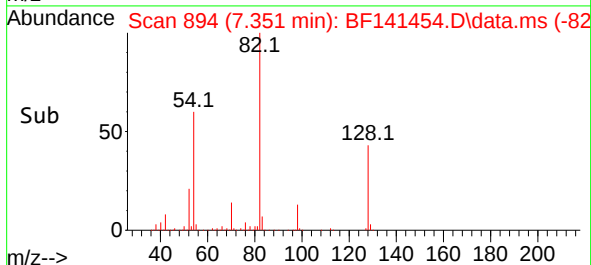
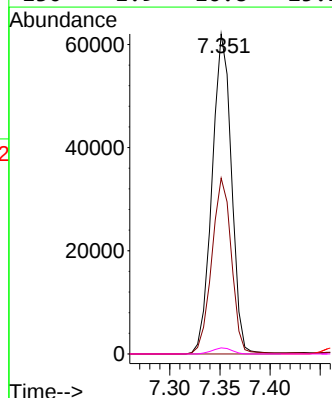
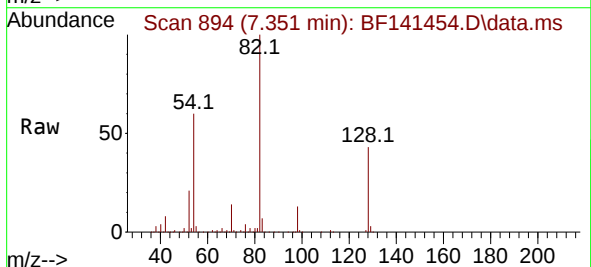
Instrument :
BNA_F
ClientSampleId :
JPP-20.2-012725

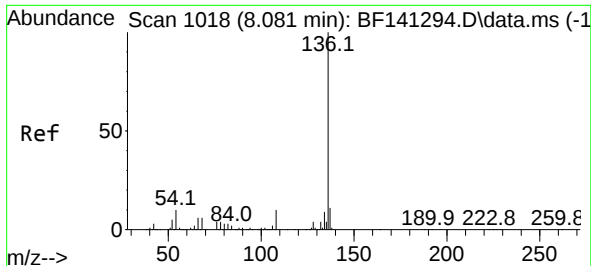
Tgt Ion: 99 Resp: 763998
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.125 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion: 70 Resp: 83688
Ion Ratio Lower Upper
70 100
42 55.0 56.8 85.2#
101 0.0 7.7 11.5#
130 1.9 16.8 25.2#

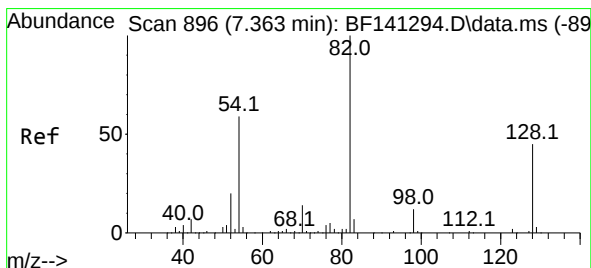
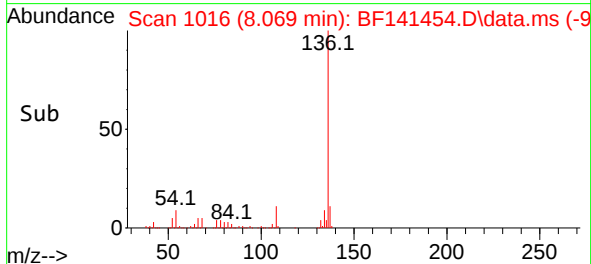
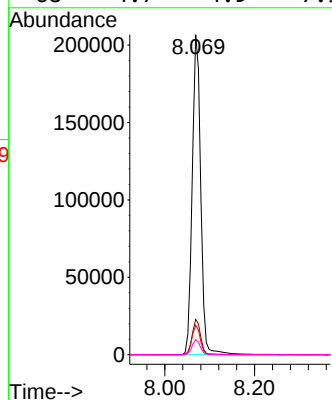
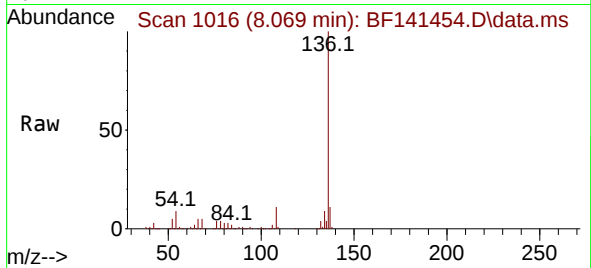




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

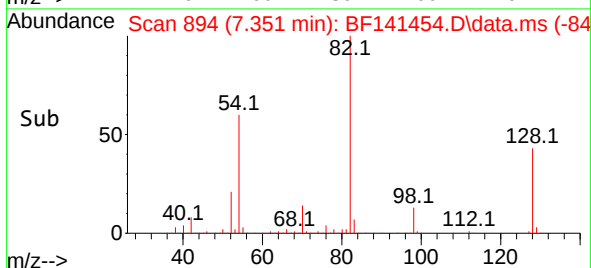
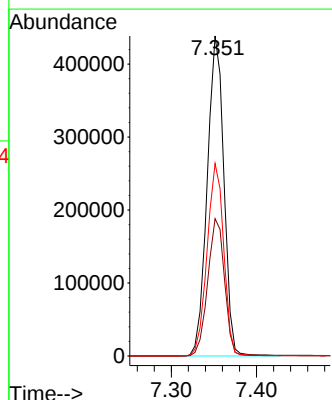
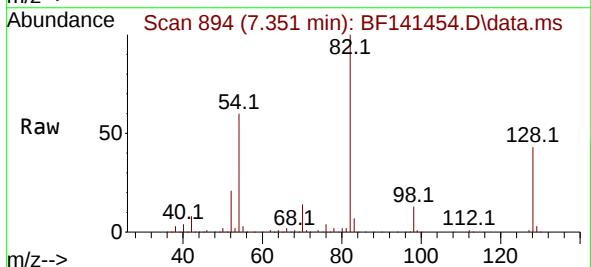
Instrument :
BNA_F
ClientSampleId :
JPP-20.2-012725

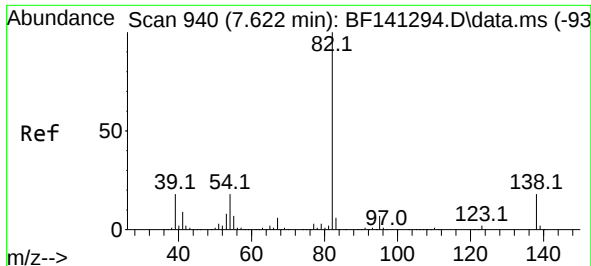
Tgt Ion:136 Resp: 271784
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.8 11.8
68 4.7 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 115.696 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion: 82 Resp: 596482
Ion Ratio Lower Upper
82 100
128 42.9 35.7 53.5
54 60.1 47.1 70.7

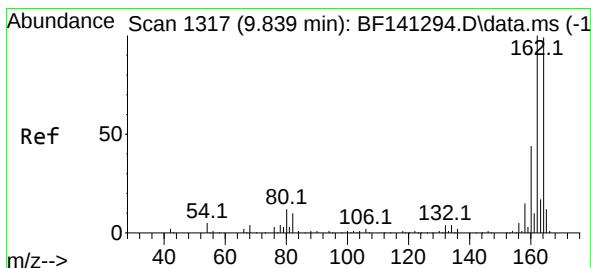
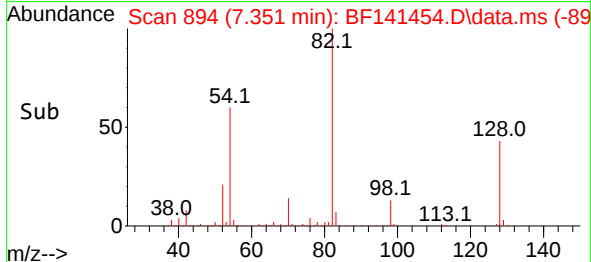
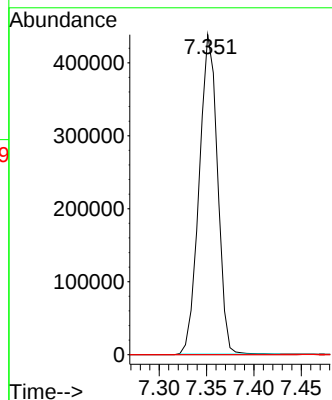
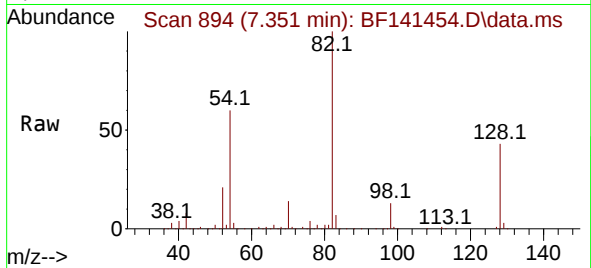




#25
Isophorone
Concen: 66.187 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.277 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

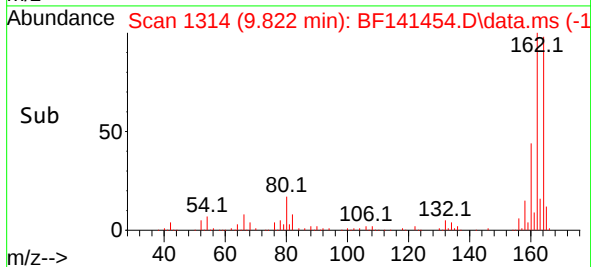
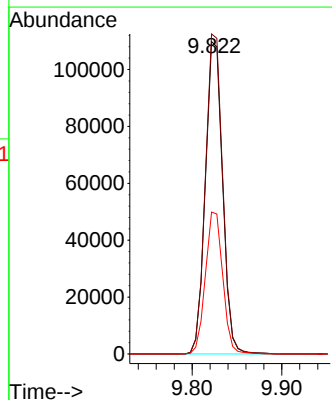
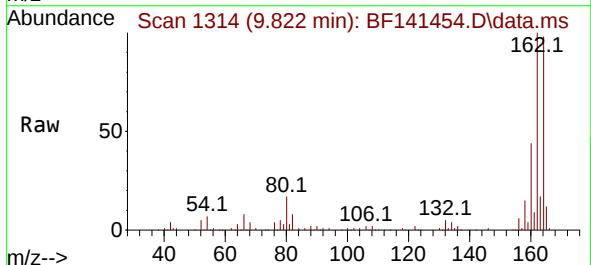
Instrument :
BNA_F
ClientSampleId :
JPP-20.2-012725

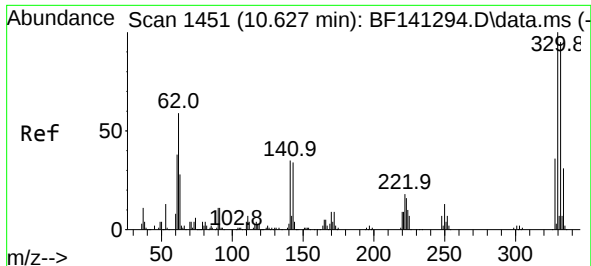
Tgt Ion: 82 Resp: 589849
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

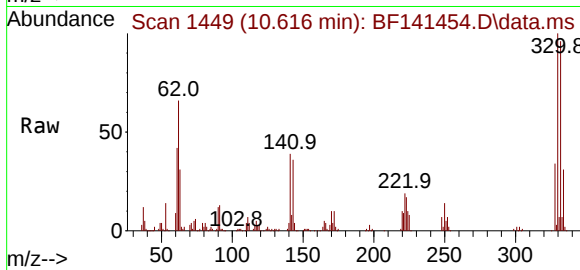
Tgt Ion: 164 Resp: 146327
Ion Ratio Lower Upper
164 100
162 102.5 80.6 121.0
160 45.5 35.8 53.6



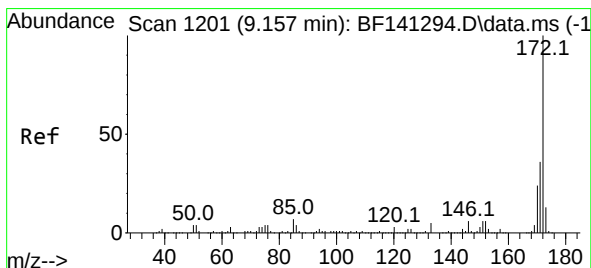
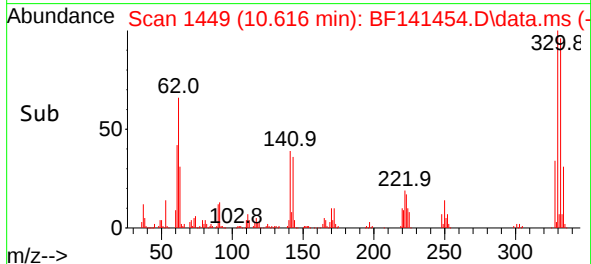
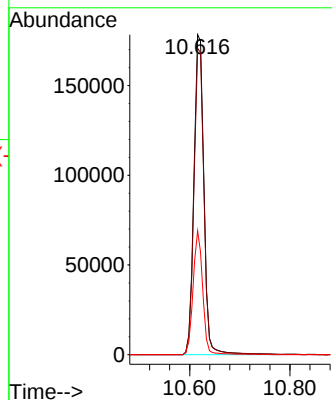


#42
 2,4,6-Tribromophenol
 Concen: 184.004 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. -0.018 min
 Lab File: BF141454.D
 Acq: 05 Feb 2025 18:27

Instrument :
 BNA_F
 ClientSampleId :
 JPP-20.2-012725

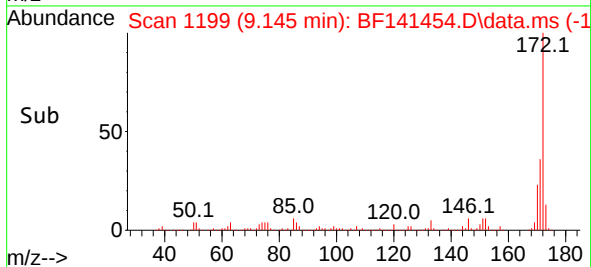
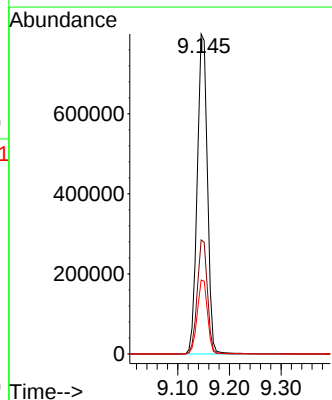
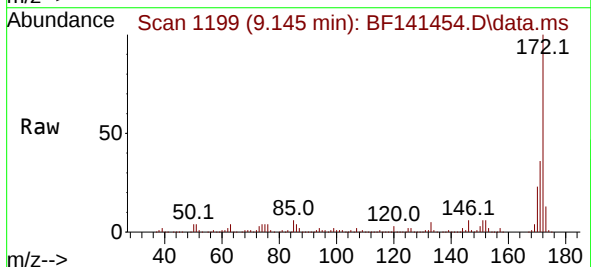


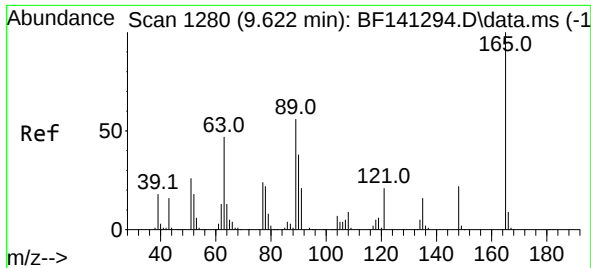
Tgt Ion:330 Resp: 246838
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.1 114.1
 141 37.0 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 115.380 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. -0.018 min
 Lab File: BF141454.D
 Acq: 05 Feb 2025 18:27

Tgt Ion:172 Resp: 1096891
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 23.1 19.0 28.6

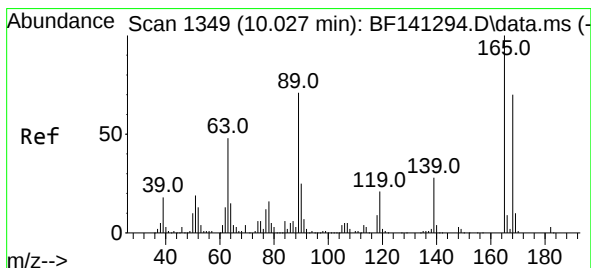
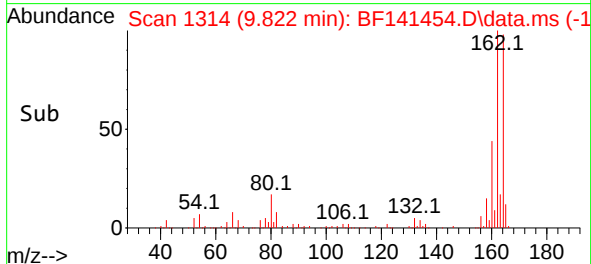
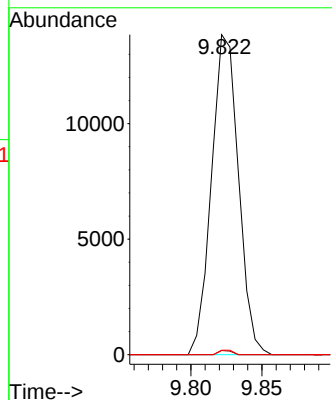
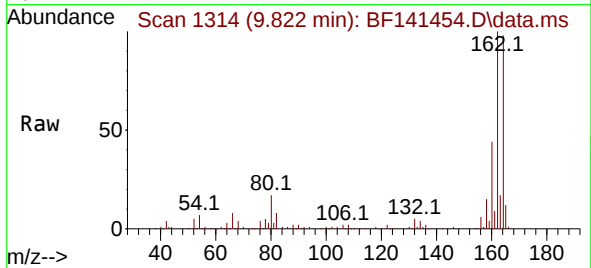




#51
2,6-Dinitrotoluene
Concen: 7.980 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

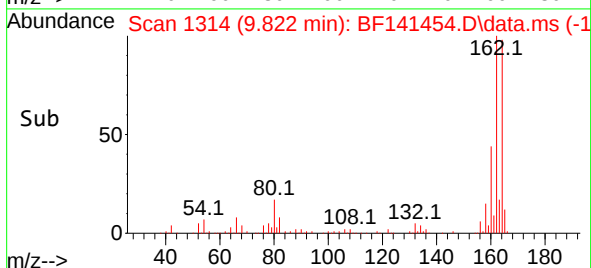
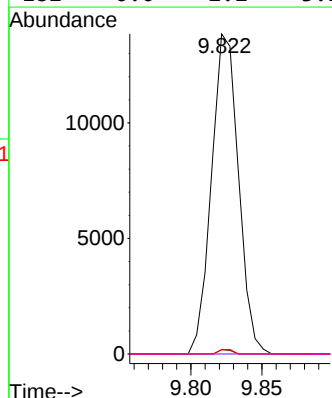
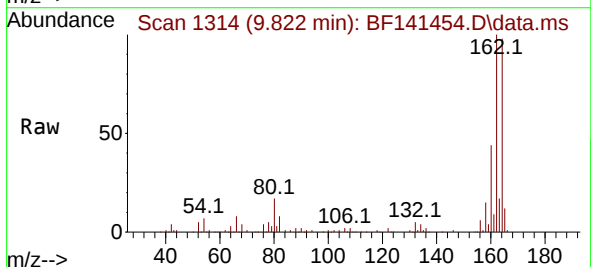
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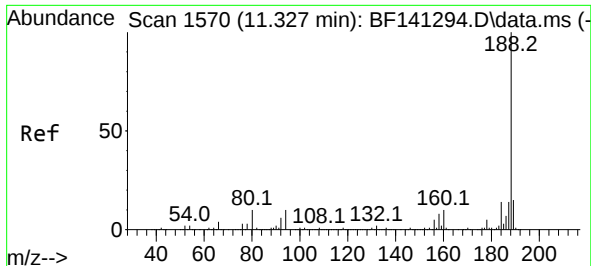
Tgt Ion:165 Resp: 18311
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.4 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.163 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:165 Resp: 18311
Ion Ratio Lower Upper
165 100
63 1.3 39.2 58.8#
89 1.4 56.9 85.3#
182 0.0 2.2 3.2#

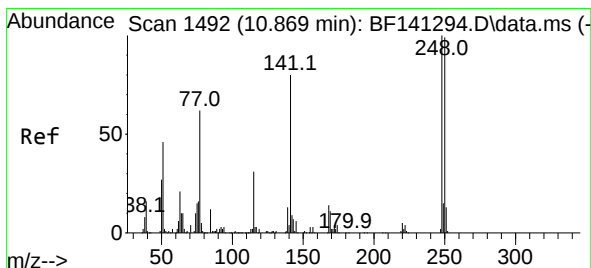
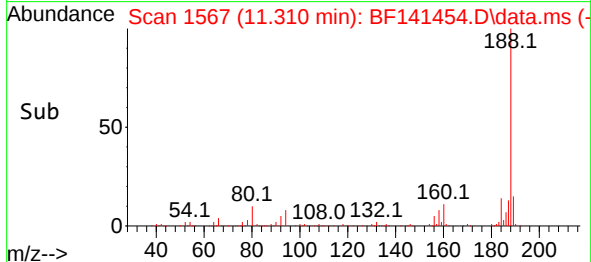
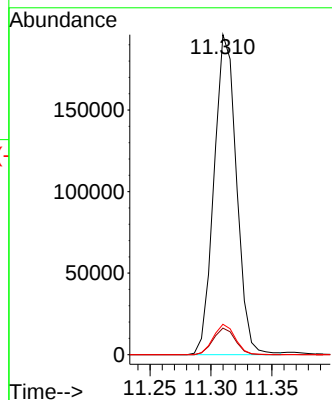
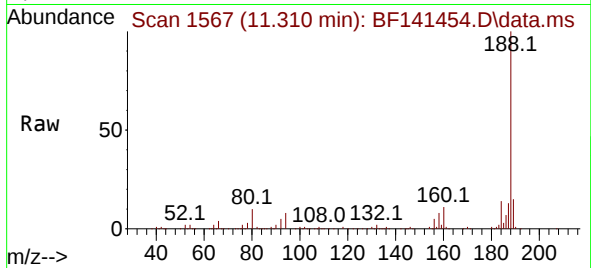




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

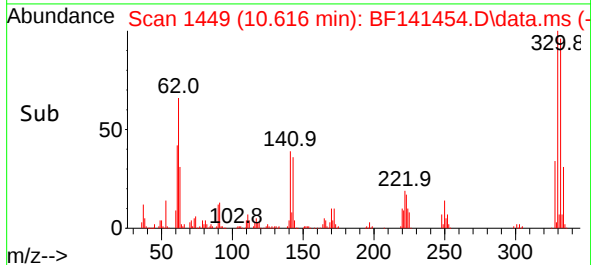
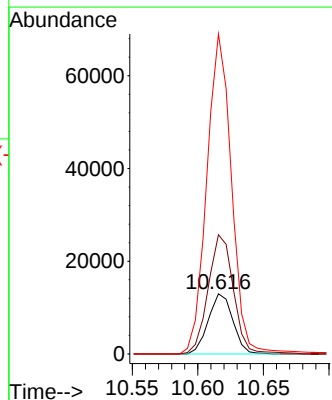
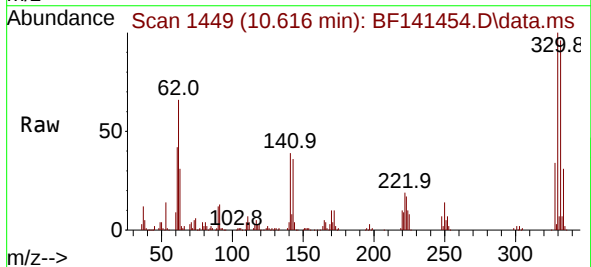
Instrument :
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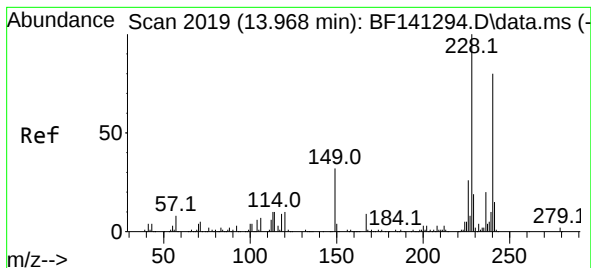
Tgt Ion:188 Resp: 252173
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.992 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:248 Resp: 16917
Ion Ratio Lower Upper
248 100
250 198.1 79.0 118.4#
141 532.2 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141454.D

Acq: 05 Feb 2025 18:27

Instrument :

BNA_F

ClientSampleId :

JPP-20.2-012725

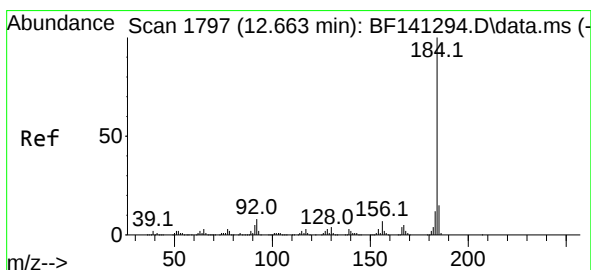
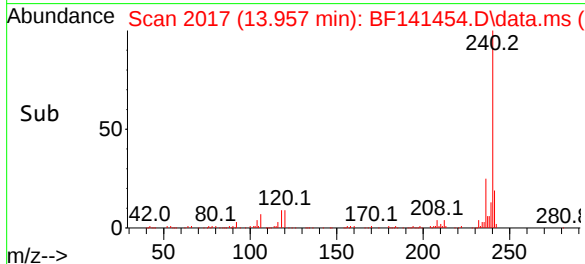
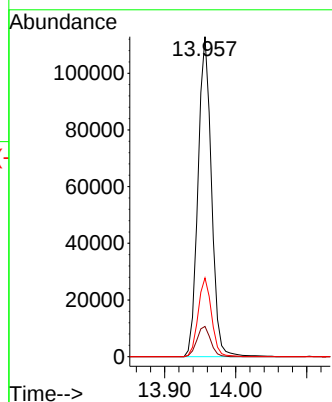
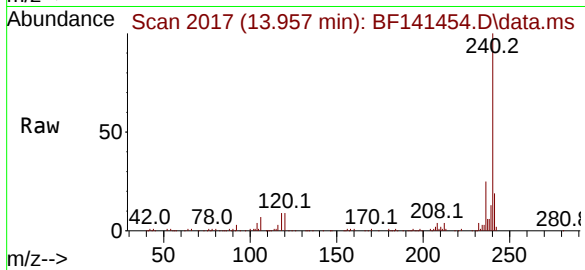
Tgt Ion:240 Resp: 148665

Ion Ratio Lower Upper

240 100

120 9.4 10.0 15.0#

236 24.6 19.7 29.5



#77

Benidine

Concen: 3.381 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141454.D

Acq: 05 Feb 2025 18:27

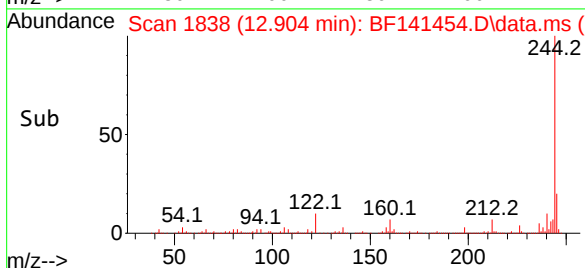
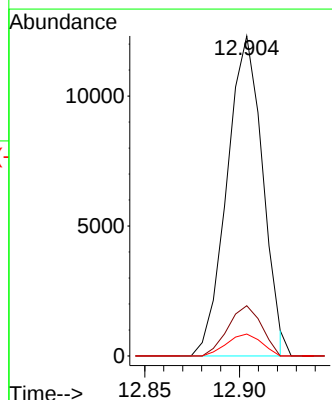
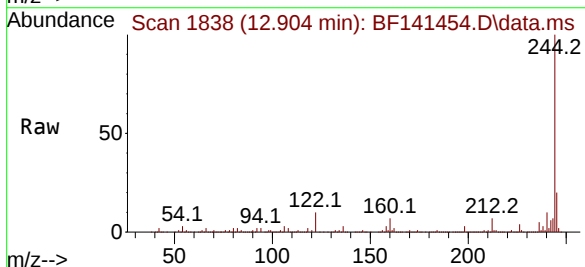
Tgt Ion:184 Resp: 16116

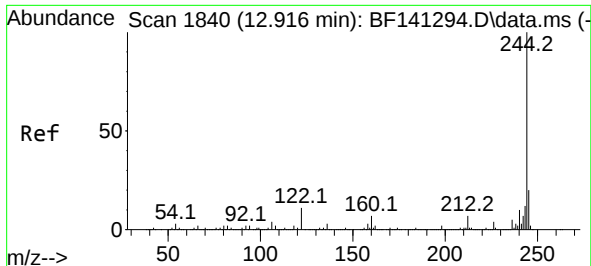
Ion Ratio Lower Upper

184 100

185 15.7 11.9 17.9

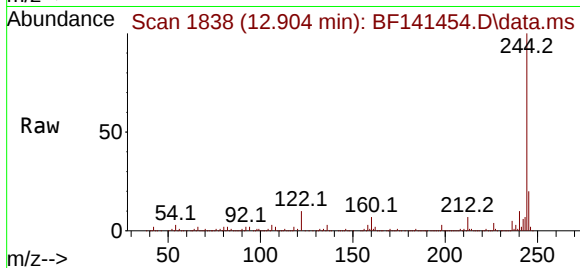
183 6.9 9.5 14.3#



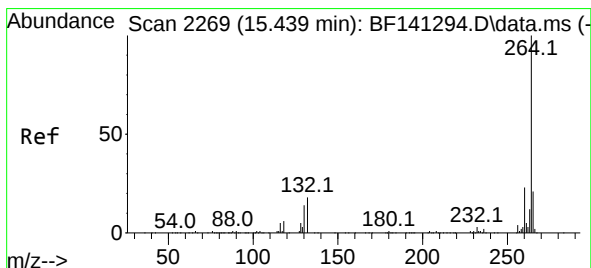
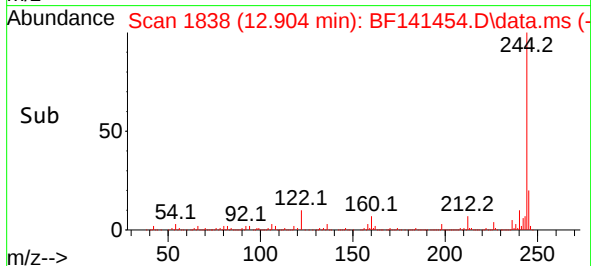
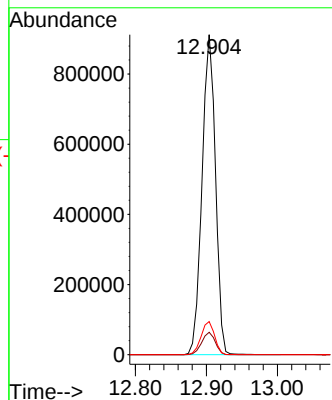


#79
 Terphenyl-d14
 Concen: 124.751 ng
 RT: 12.904 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF141454.D
 Acq: 05 Feb 2025 18:27

Instrument :
 BNA_F
 ClientSampleId :
 JPP-20.2-012725



Tgt Ion:244 Resp: 1202582
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141454.D
 Acq: 05 Feb 2025 18:27

Tgt Ion:264 Resp: 147857
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 20.8 16.7 25.1

