

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141452.D
 Acq On : 05 Feb 2025 17:35
 Operator : RC/JU
 Sample : Q1207-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-2.1-012725

Quant Time: Feb 06 01:43:56 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)

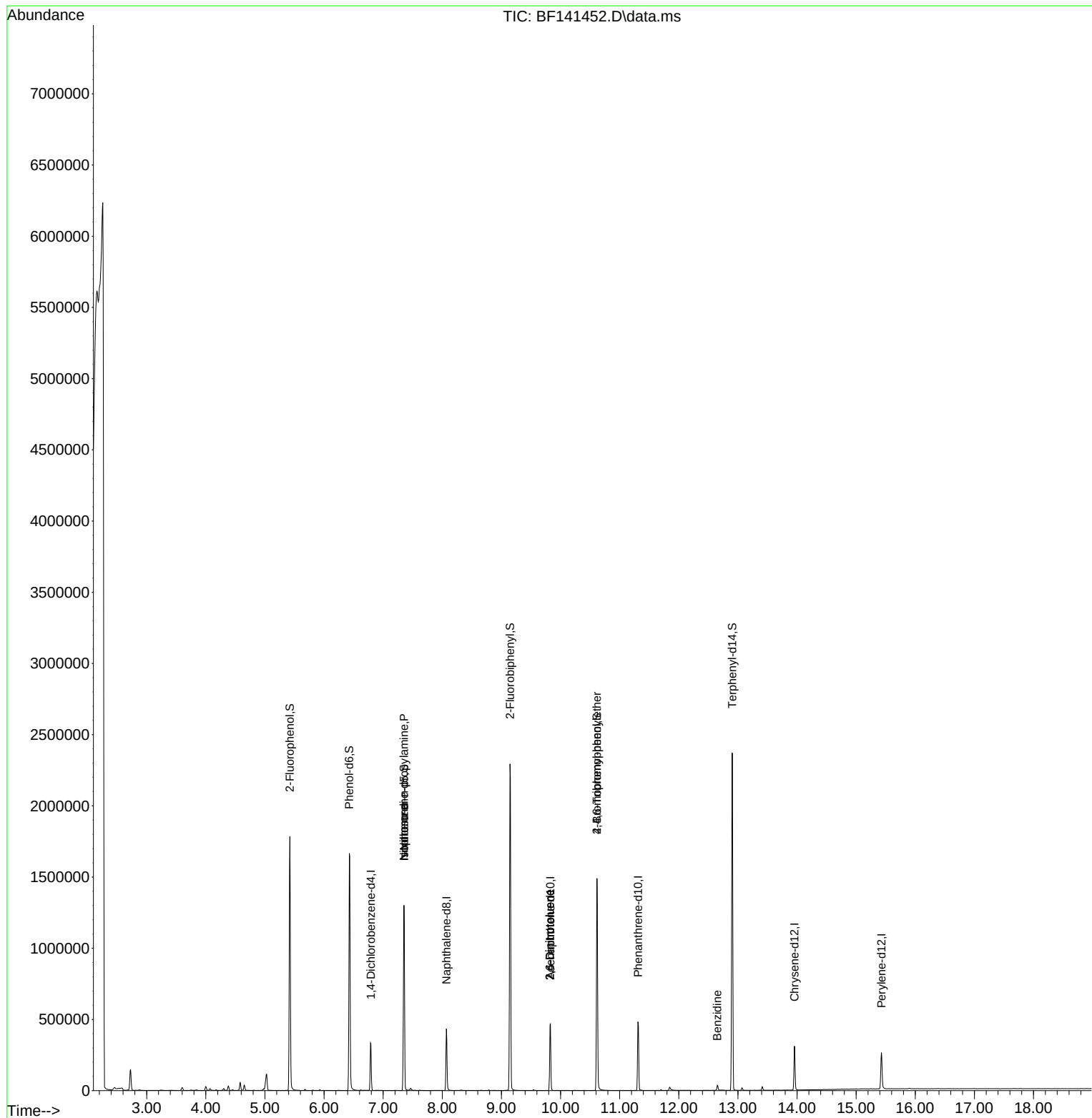
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	67166	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	273499	20.000	ng	#-0.02
39) Acenaphthene-d10	9.828	164	146857	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	254047	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	150906	20.000	ng	#-0.02
86) Perylene-d12	15.427	264	156406	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	632786	144.635	ng	0.01
7) Phenol-d6	6.428	99	757771	136.152	ng	-0.01
23) Nitrobenzene-d5	7.351	82	570622	109.986	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	240907	178.935	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1041197	109.127	ng	-0.02
79) Terphenyl-d14	12.904	244	1151139	117.641	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	80250	24.266	ng	# 77
25) Isophorone	7.351	82	566083	63.121	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	18325	7.957	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	18325	6.146	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16760	5.893	ng	# 1
77) Benzidine	12.651	184	21914	4.530	ng	100

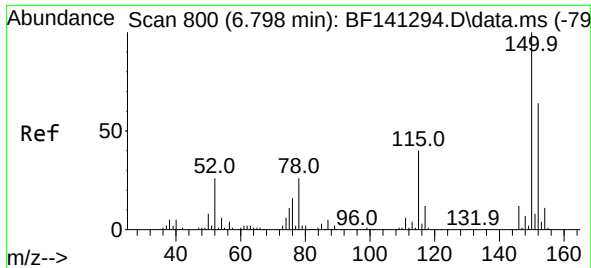
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141452.D
Acq On : 05 Feb 2025 17:35
Operator : RC/JU
Sample : Q1207-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-2.1-012725

Quant Time: Feb 06 01:43:56 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

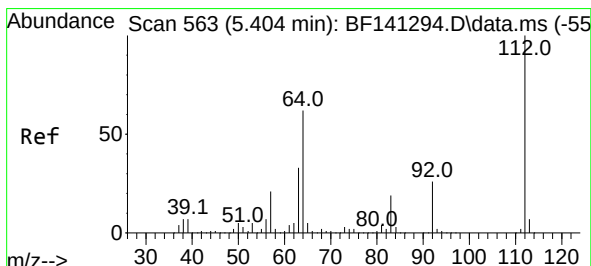
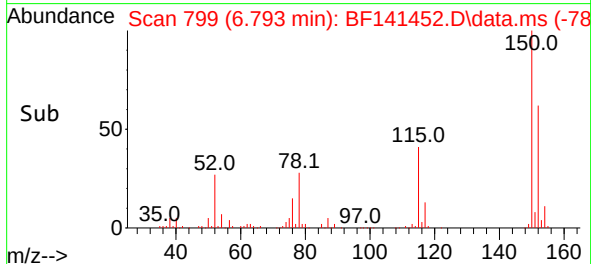
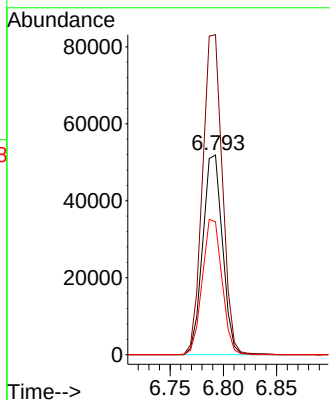
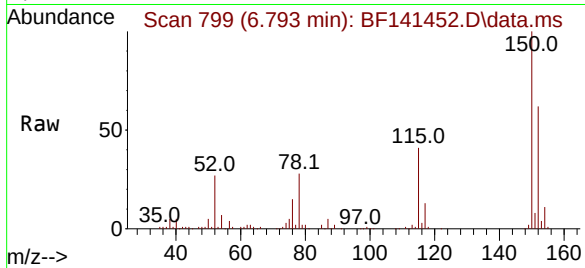




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 799
 Delta R.T. -0.011 min
 Lab File: BF141452.D
 Acq: 05 Feb 2025 17:35

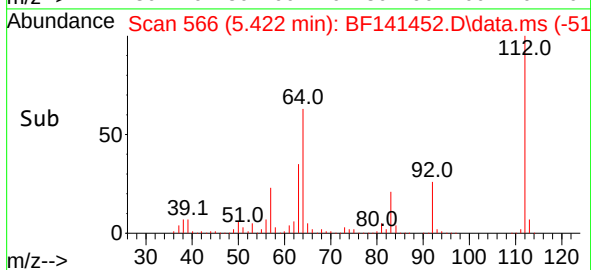
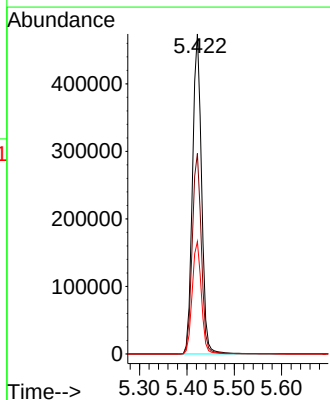
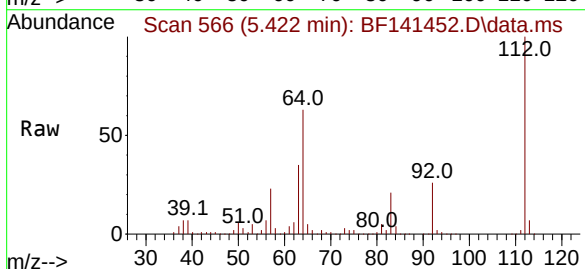
Instrument :
 BNA_F
 ClientSampleId :
 JPP-2.1-012725

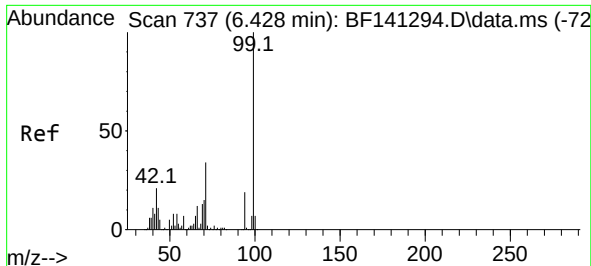
Tgt Ion:152 Resp: 67166
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.9 188.9
 115 66.5 49.7 74.5



#5
 2-Fluorophenol
 Concen: 144.635 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141452.D
 Acq: 05 Feb 2025 17:35

Tgt Ion:112 Resp: 632786
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.8 74.8
 63 35.1 26.1 39.1

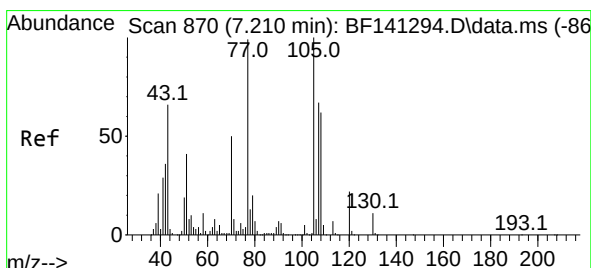
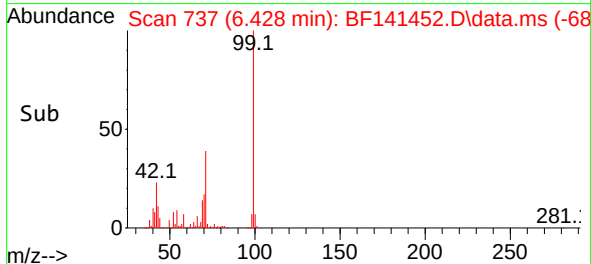
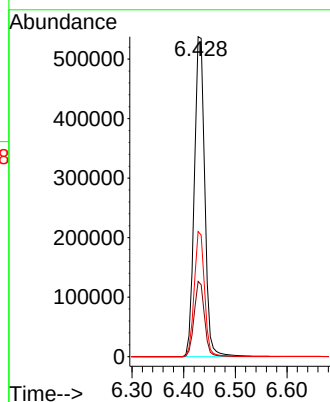
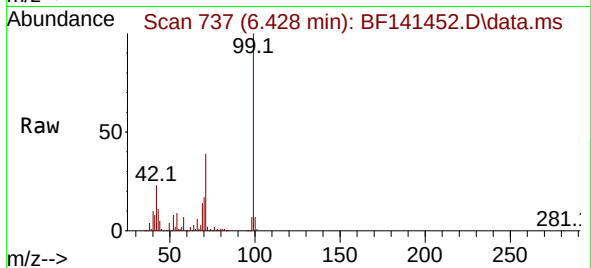




#7
Phenol-d6
Concen: 136.152 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

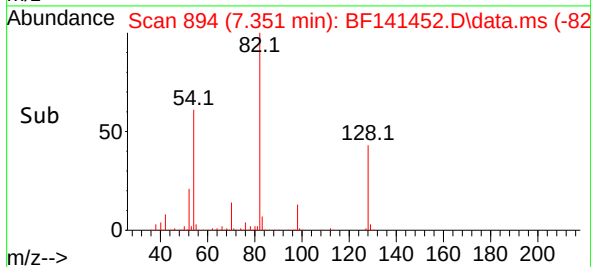
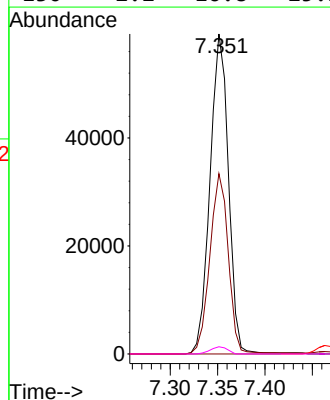
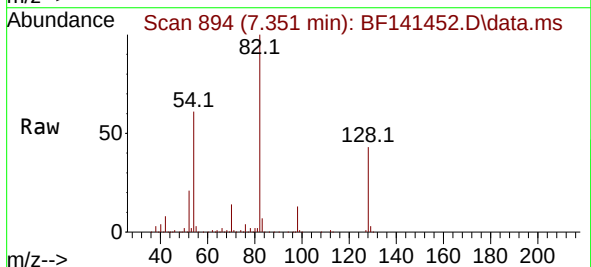
Instrument :
BNA_F
ClientSampleId :
JPP-2.1-012725

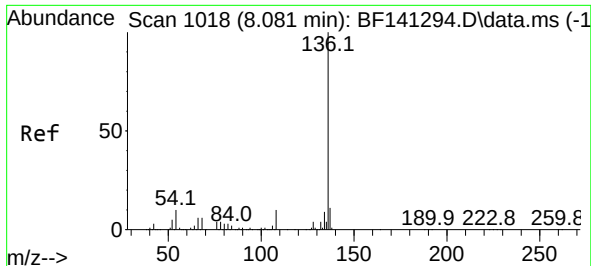
Tgt Ion: 99 Resp: 757771
Ion Ratio Lower Upper
99 100
42 23.5 17.1 25.7
71 39.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.266 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.124 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

Tgt Ion: 70 Resp: 80250
Ion Ratio Lower Upper
70 100
42 56.3 56.8 85.2#
101 0.0 7.7 11.5#
130 2.2 16.8 25.2#

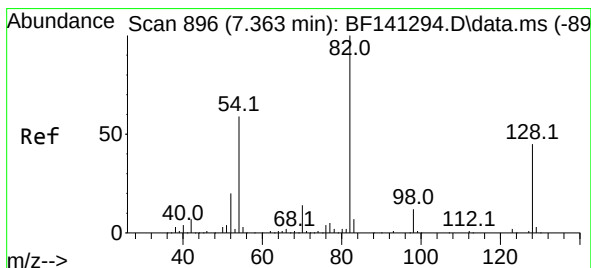
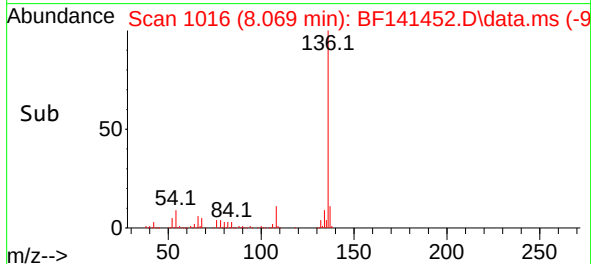
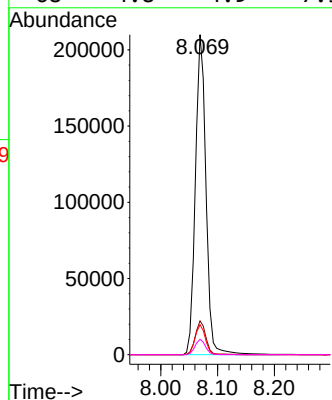
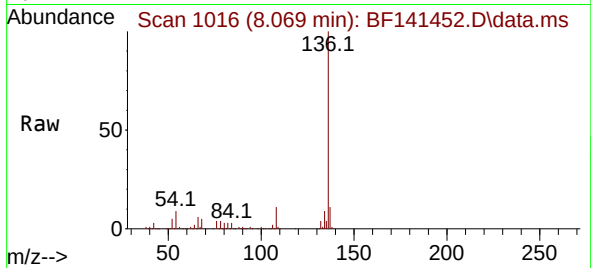




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

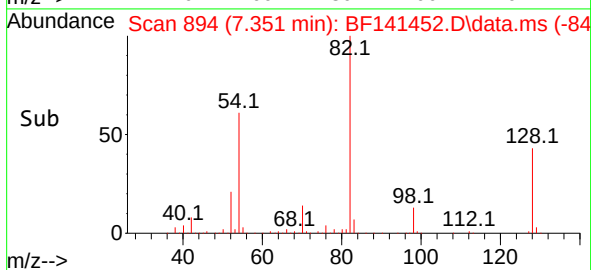
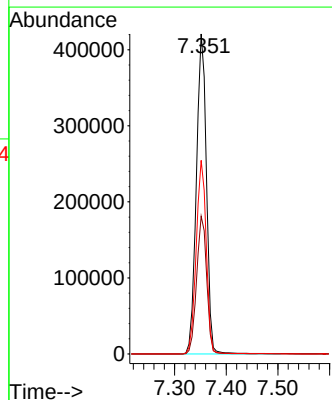
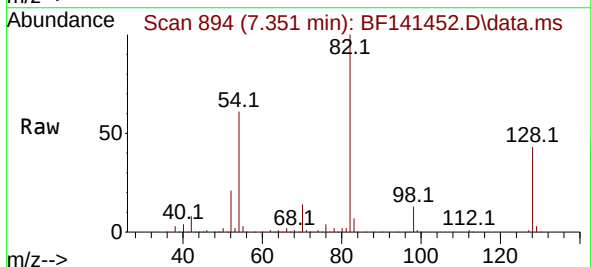
Instrument :
BNA_F
ClientSampleId :
JPP-2.1-012725

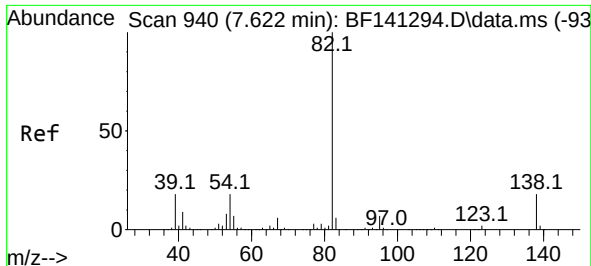
Tgt Ion:	136	Resp:	273499
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.3	7.8	11.8
68	4.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 109.986 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

Tgt Ion:	82	Resp:	570622
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.7	53.5
54	60.5	47.1	70.7

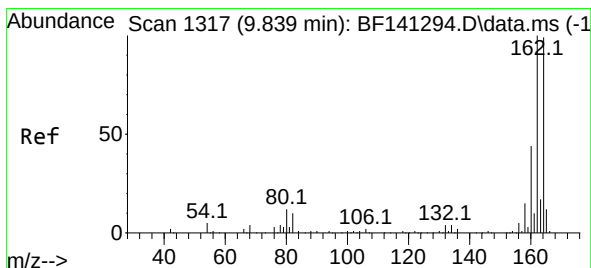
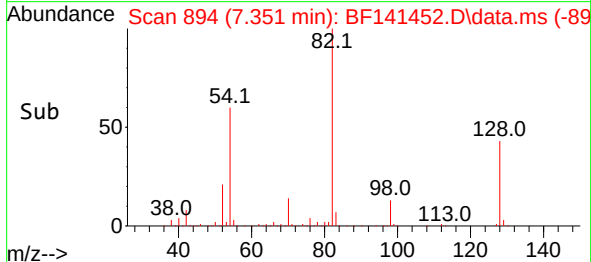
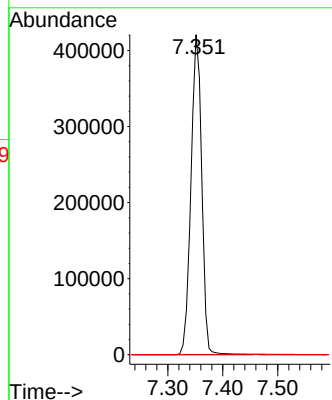
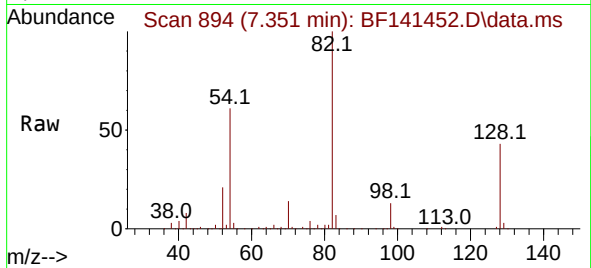




#25
Isophorone
Concen: 63.121 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

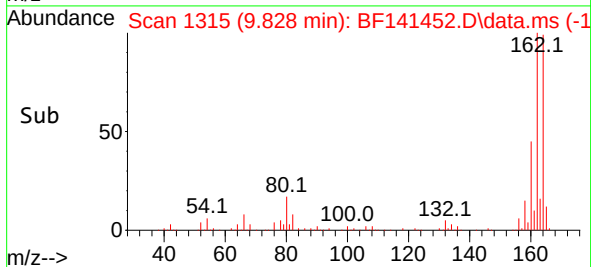
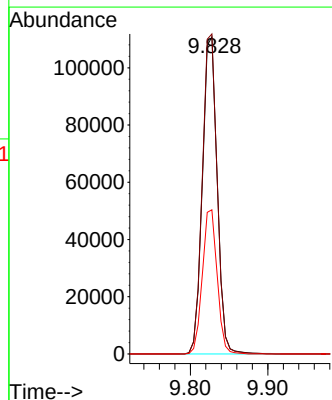
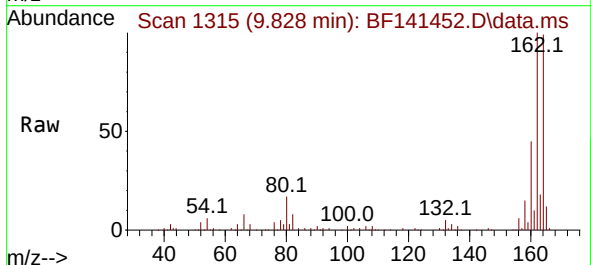
Instrument :
BNA_F
ClientSampleId :
JPP-2.1-012725

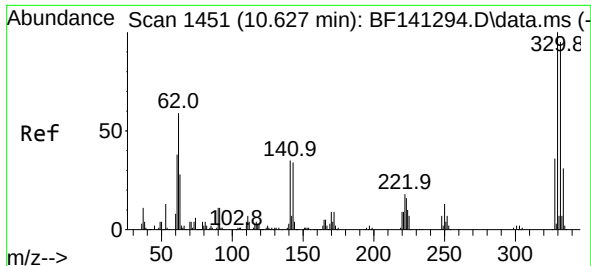
Tgt Ion: 82 Resp: 566083
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

Tgt Ion:164 Resp: 146857
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 178.935 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141452.D

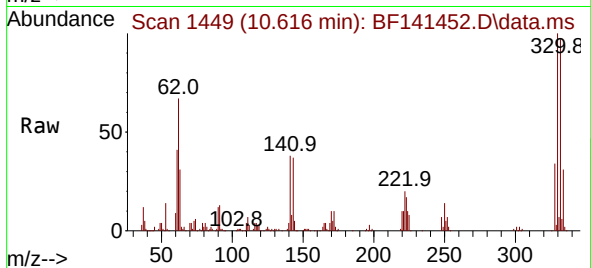
Acq: 05 Feb 2025 17:35

Instrument :

BNA_F

ClientSampleId :

JPP-2.1-012725



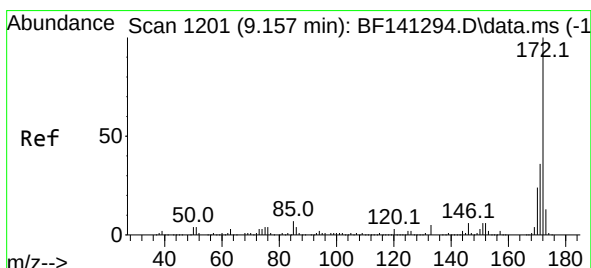
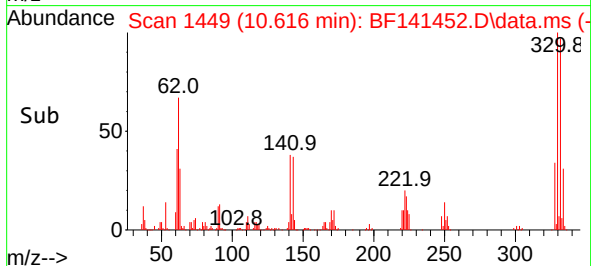
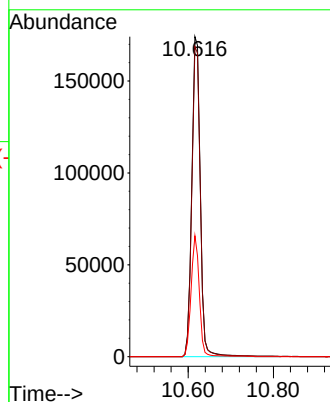
Tgt Ion:330 Resp: 240907

Ion Ratio Lower Upper

330 100

332 97.0 76.1 114.1

141 36.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 109.127 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141452.D

Acq: 05 Feb 2025 17:35

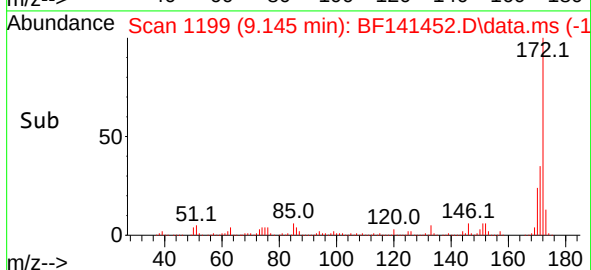
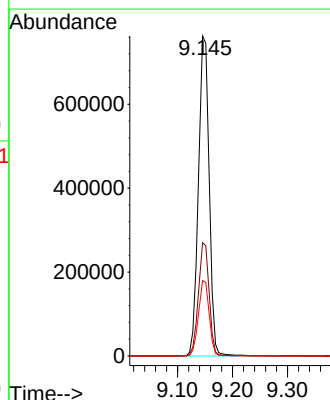
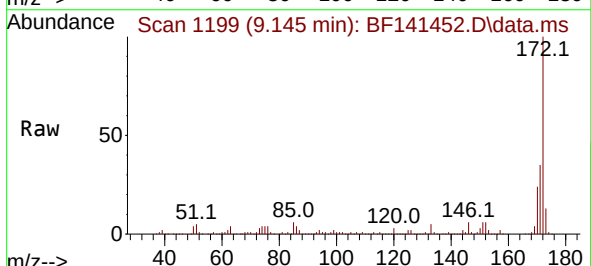
Tgt Ion:172 Resp: 1041197

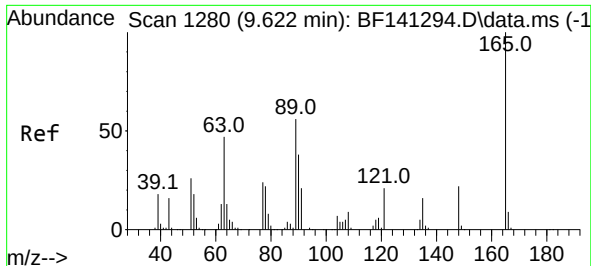
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.6 19.0 28.6

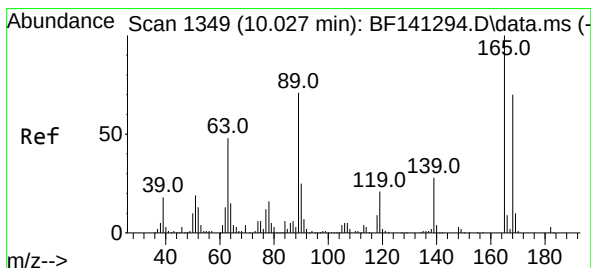
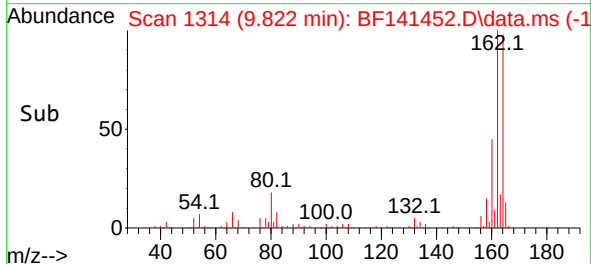
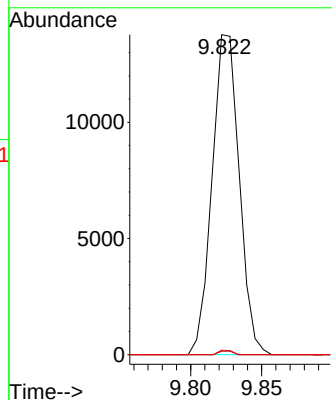
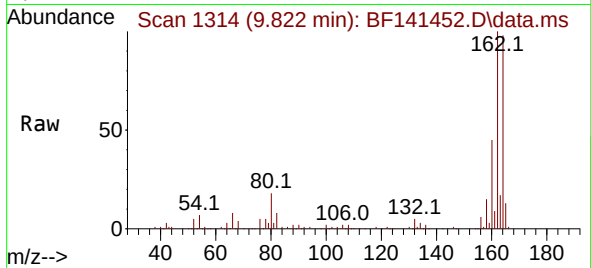




#51
2,6-Dinitrotoluene
Concen: 7.957 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

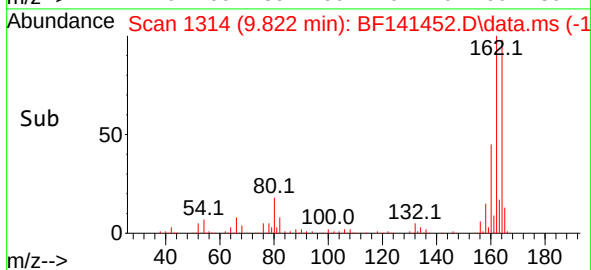
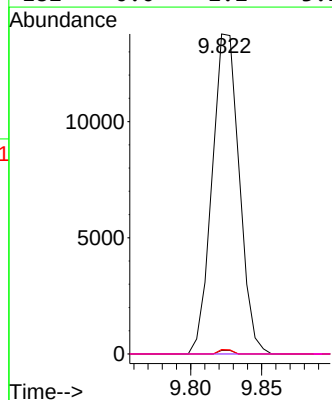
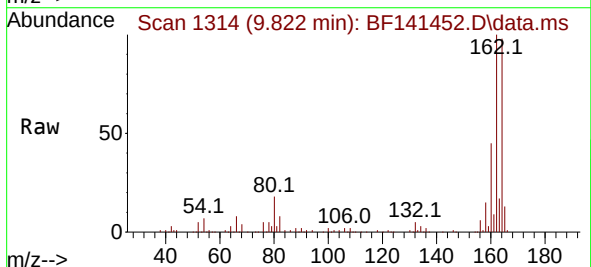
Instrument :
BNA_F
ClientSampleId :
JPP-2.1-012725

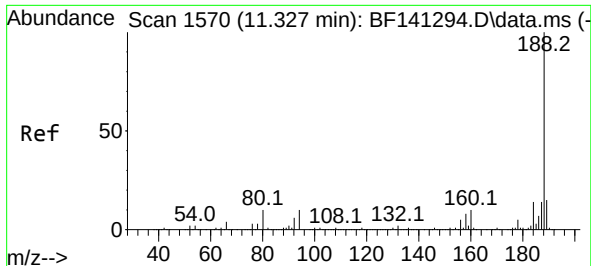
Tgt Ion:165 Resp: 18325
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.4 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.146 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

Tgt Ion:165 Resp: 18325
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 1.4 56.9 85.3#
182 0.0 2.2 3.2#

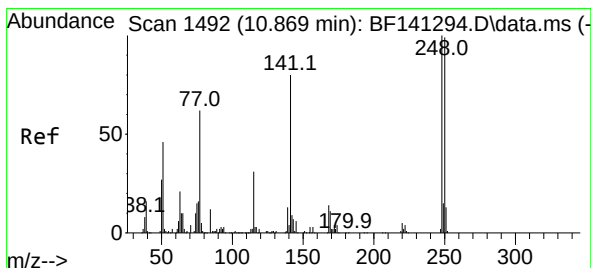
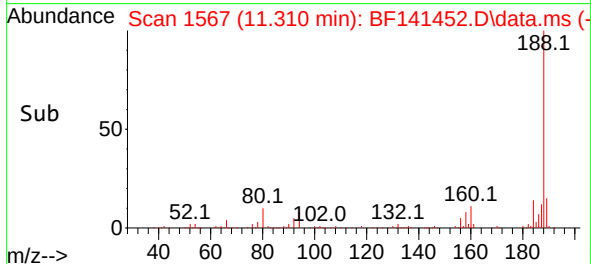
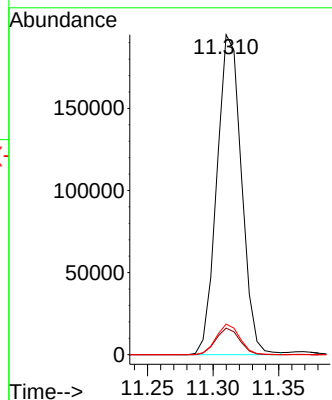
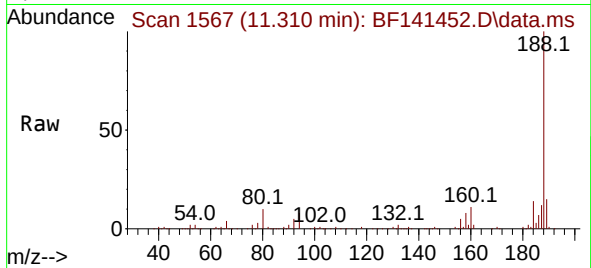




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

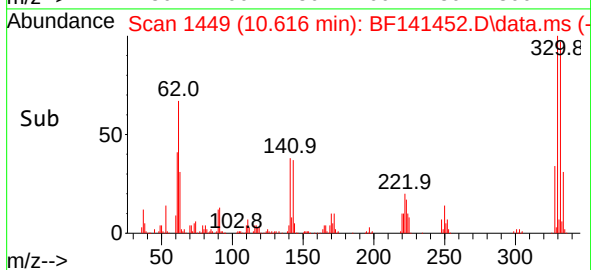
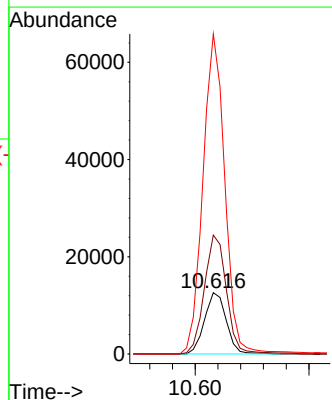
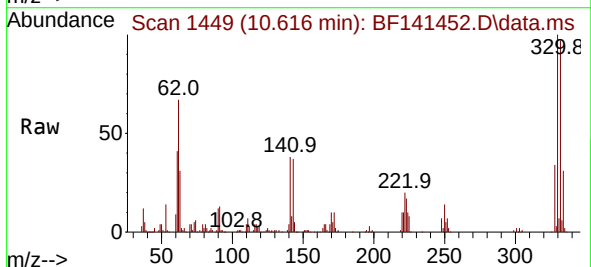
Instrument :
BNA_F
ClientSampleId :
JPP-2.1-012725

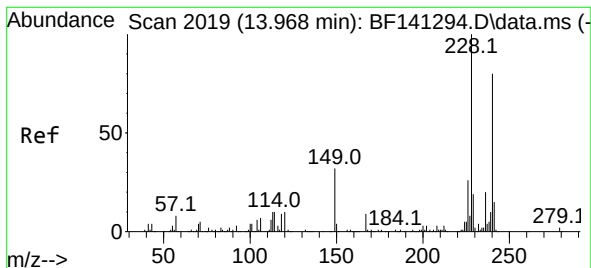
Tgt Ion:188 Resp: 254047
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.893 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

Tgt Ion:248 Resp: 16760
Ion Ratio Lower Upper
248 100
250 193.8 79.0 118.4#
141 521.6 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141452.D

Acq: 05 Feb 2025 17:35

Instrument :

BNA_F

ClientSampleId :

JPP-2.1-012725

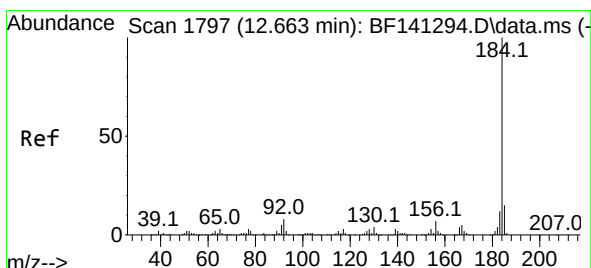
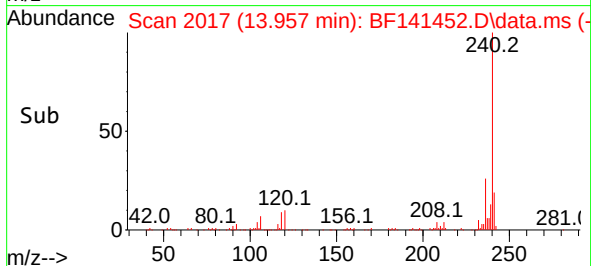
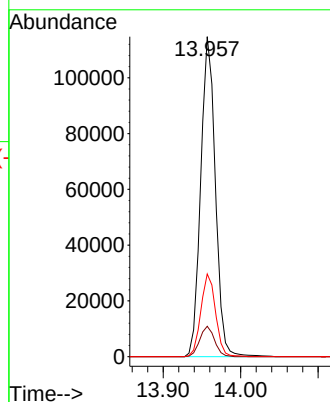
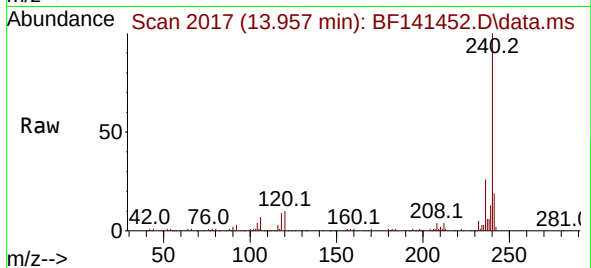
Tgt Ion:240 Resp: 150906

Ion Ratio Lower Upper

240 100

120 9.5 10.0 15.0#

236 25.8 19.7 29.5



#77

Benzidine

Concen: 4.530 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.012 min

Lab File: BF141452.D

Acq: 05 Feb 2025 17:35

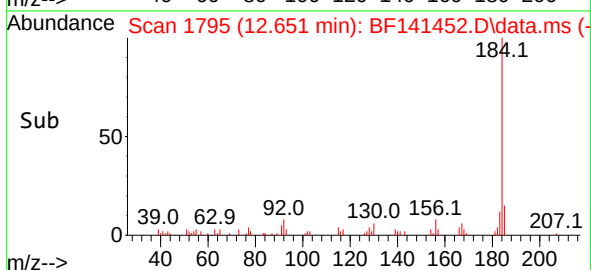
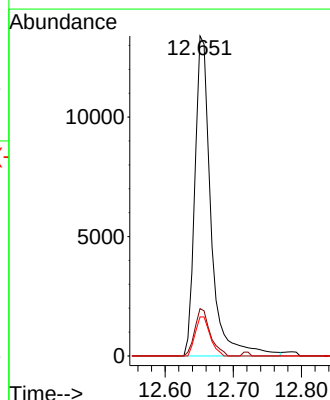
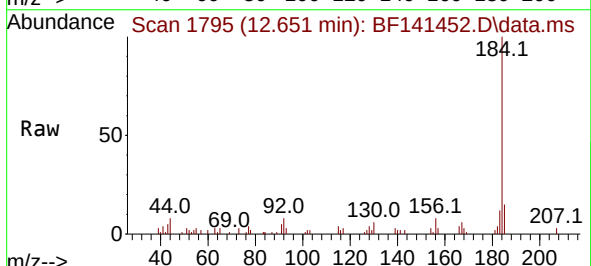
Tgt Ion:184 Resp: 21914

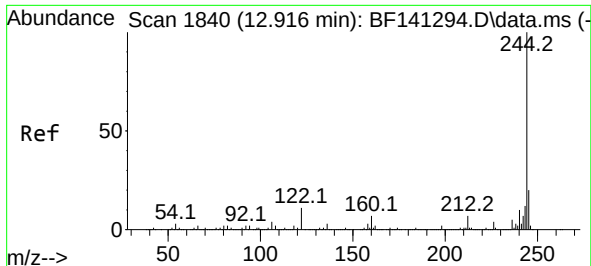
Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

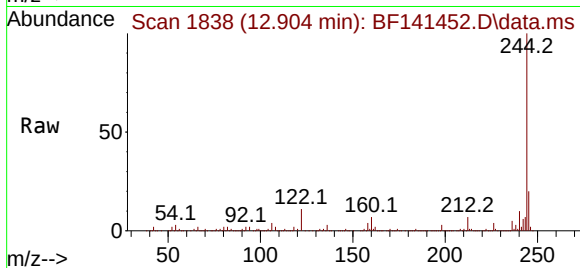
183 12.2 9.5 14.3



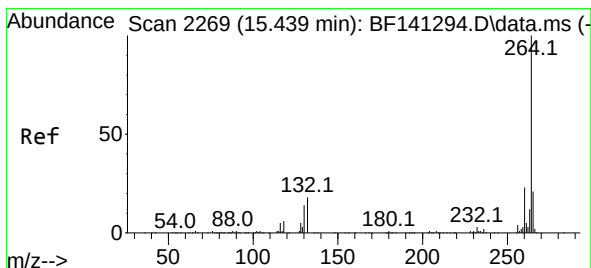
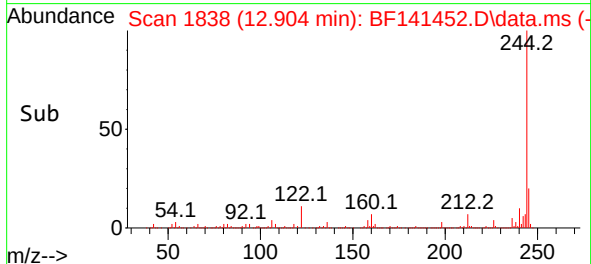
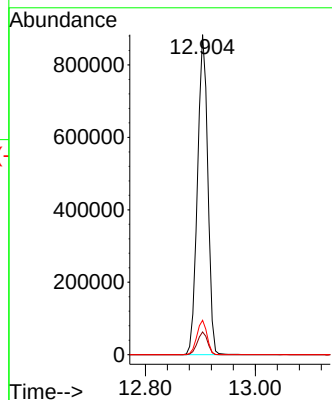


#79
Terphenyl-d14
Concen: 117.641 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

Instrument :
BNA_F
ClientSampleId :
JPP-2.1-012725



Tgt Ion:244 Resp: 1151139
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.8 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141452.D
Acq: 05 Feb 2025 17:35

Tgt Ion:264 Resp: 156406
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.1 16.7 25.1

