

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141418.D
 Acq On : 04 Feb 2025 19:34
 Operator : RC/JU
 Sample : Q1241-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.4-013025

Quant Time: Feb 05 00:33:33 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)

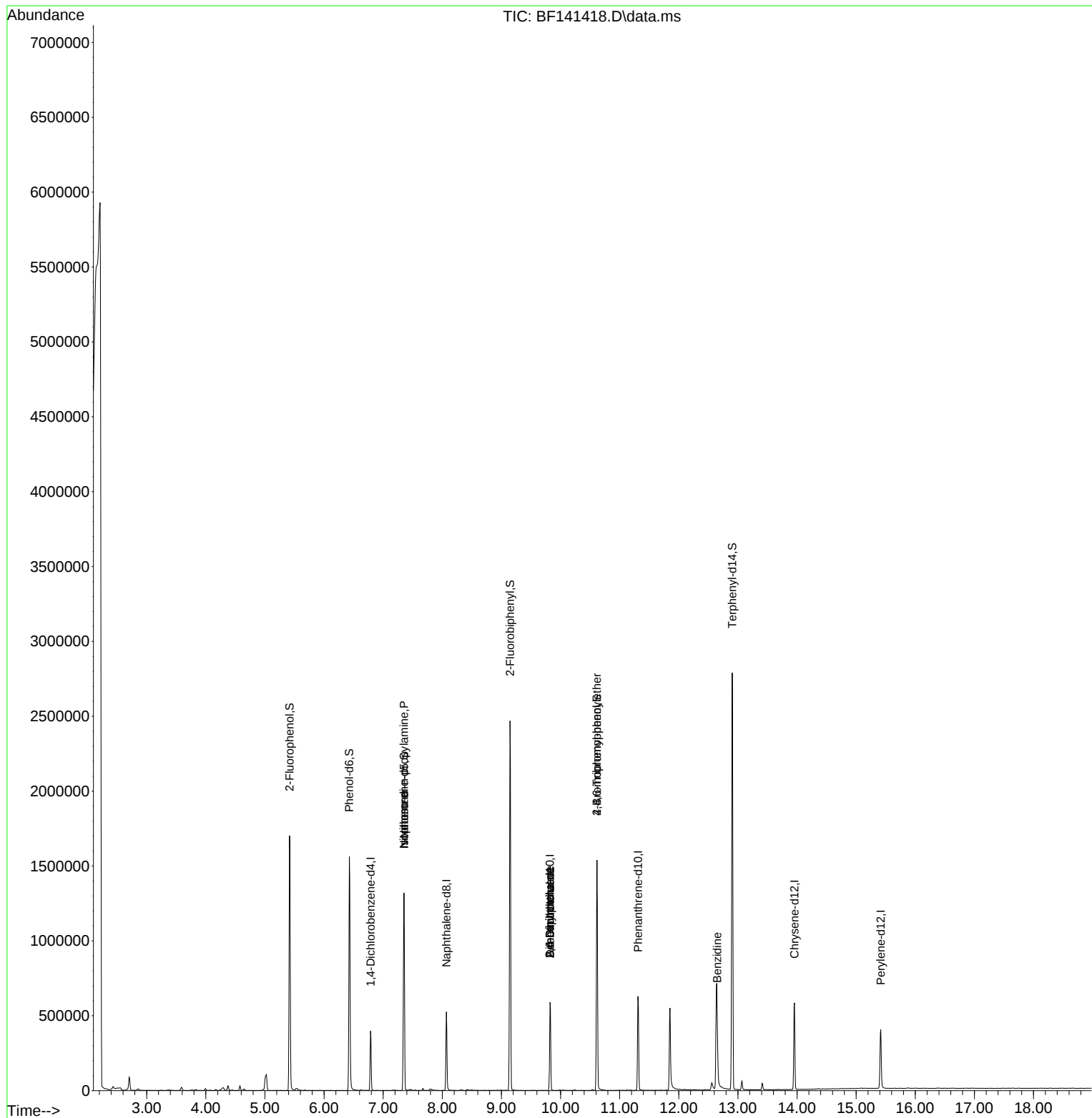
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	78587	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	315506	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	176087	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	315081	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	286835	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	237589	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	615909	120.318	ng	0.00
7) Phenol-d6	6.428	99	691404	106.173	ng	-0.01
23) Nitrobenzene-d5	7.351	82	574746	96.032	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	246892	152.939	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1079093	94.324	ng	-0.02
79) Terphenyl-d14	12.904	244	1378327	74.107	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	79762	20.613	ng	# 76
25) Isophorone	7.351	82	570793	55.173	ng	# 64
50) Dimethylphthalate	9.822	163	23983	2.017	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	23262	8.424	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	23262	6.506	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16743	4.747	ng	# 1
77) Benzidine	12.651	184	111575	12.134	ng	# 93

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

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JPP-51.4-013025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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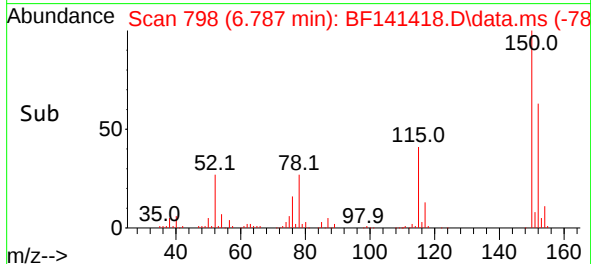
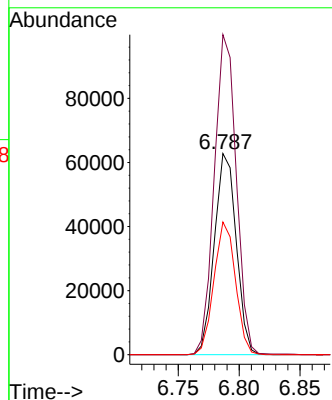
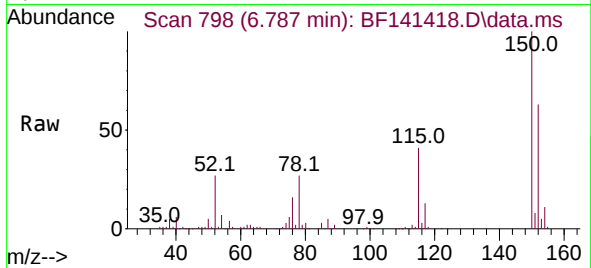




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

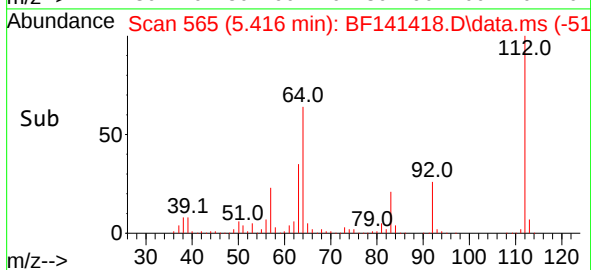
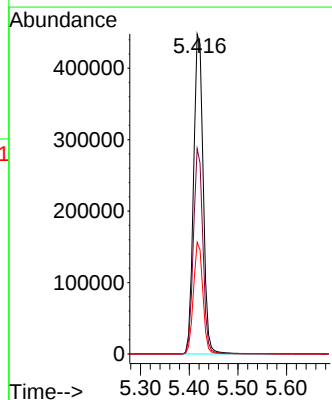
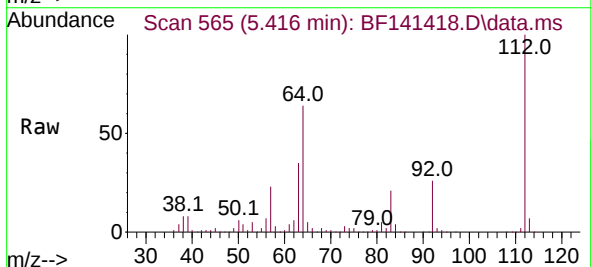
Instrument :
BNA_F
ClientSampleId :
JPP-51.4-013025

Tgt Ion:152 Resp: 78587
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 66.0 49.7 74.5



#5
2-Fluorophenol
Concen: 120.318 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

Tgt Ion:112 Resp: 615909
Ion Ratio Lower Upper
112 100
64 64.2 49.8 74.8
63 34.8 26.1 39.1

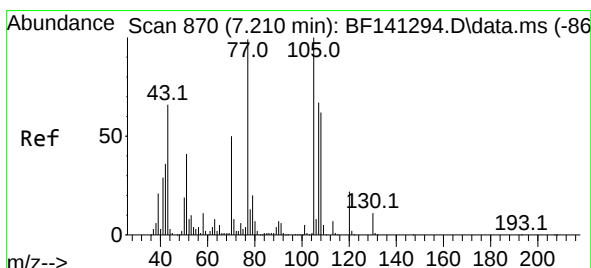
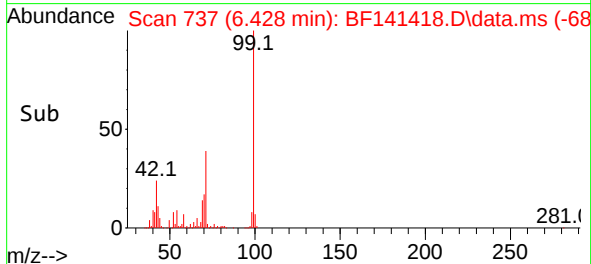
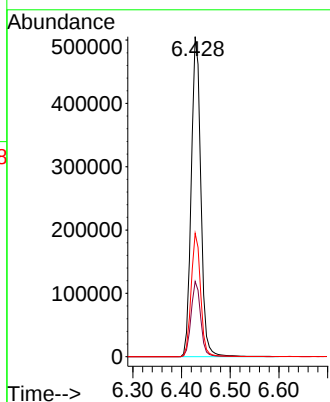
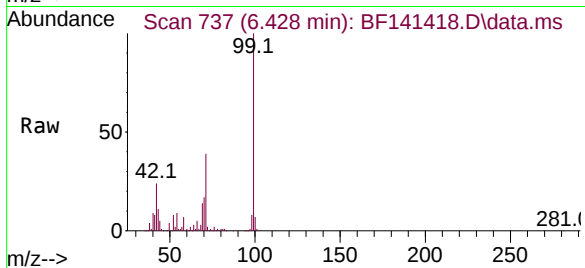




#7
Phenol-d6
Concen: 106.173 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

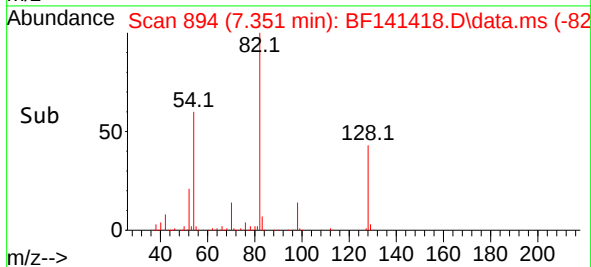
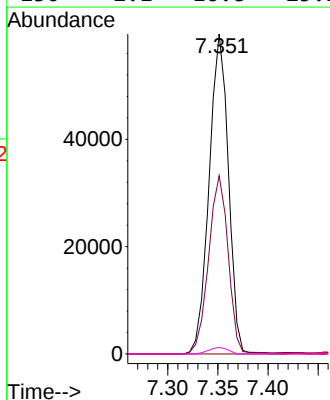
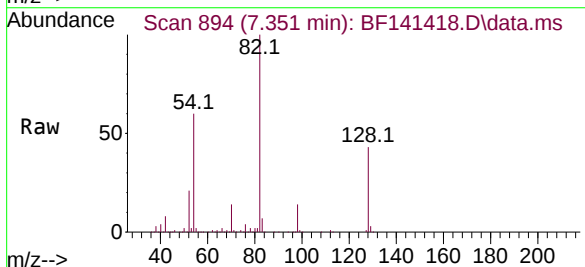
Instrument :
BNA_F
ClientSampleId :
JPP-51.4-013025

Tgt Ion: 99 Resp: 691404
Ion Ratio Lower Upper
99 100
42 23.5 17.1 25.7
71 38.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.613 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

Tgt Ion: 70 Resp: 79762
Ion Ratio Lower Upper
70 100
42 55.7 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



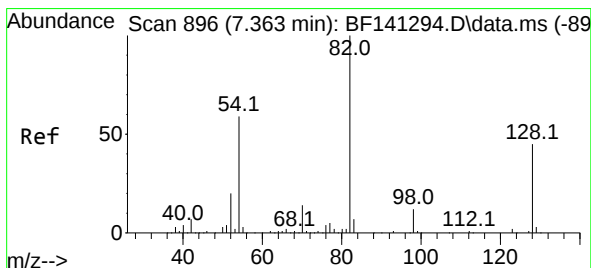
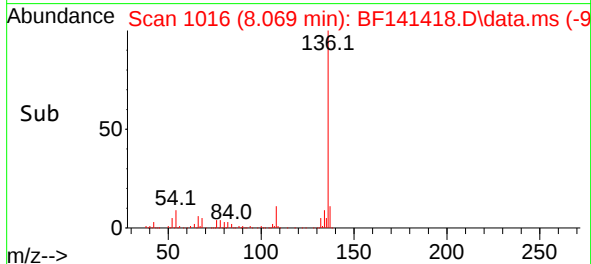
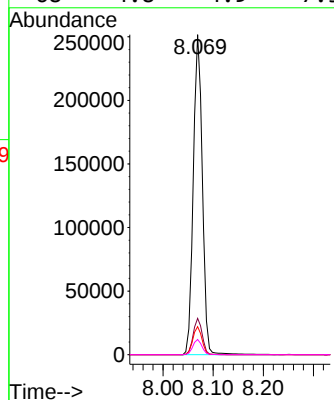
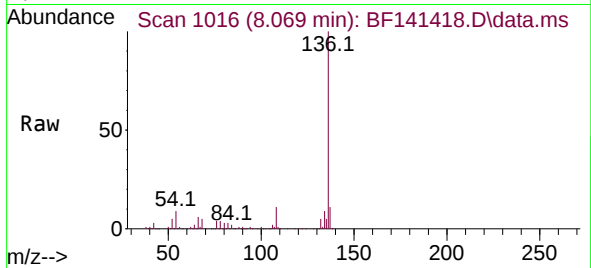


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

Instrument :
BNA_F
ClientSampleId :
JPP-51.4-013025

Tgt Ion:136 Resp: 315506

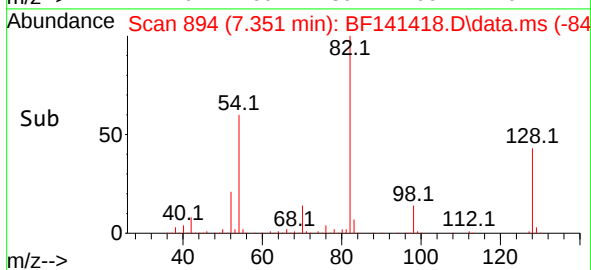
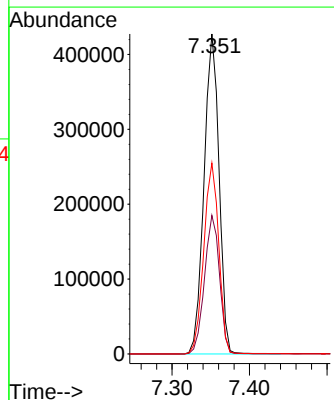
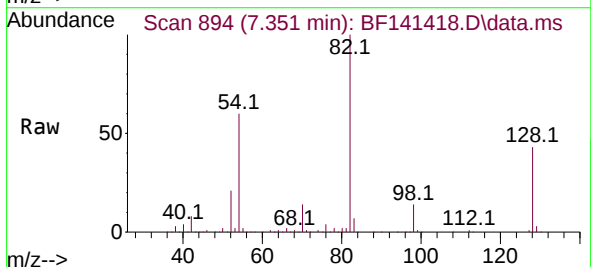
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.7	7.8	11.8
68	4.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 96.032 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

Tgt Ion: 82 Resp: 574746

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	59.6	47.1	70.7

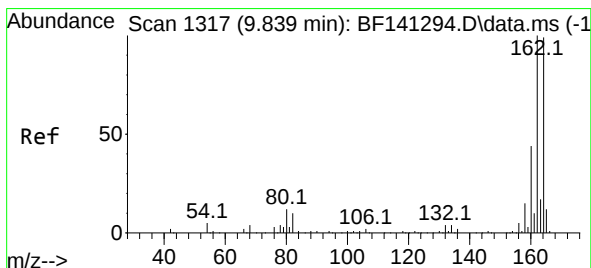
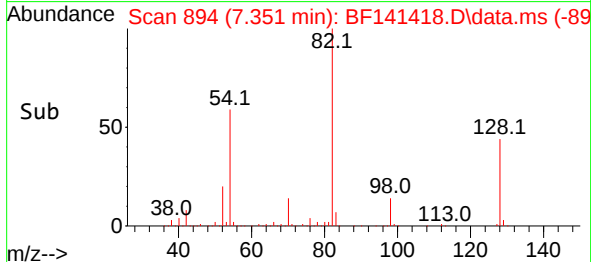
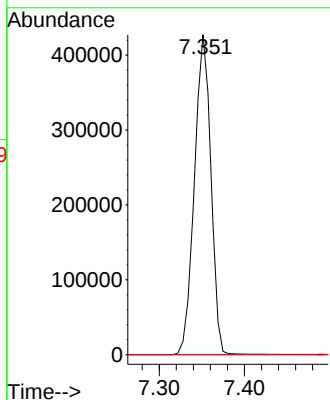
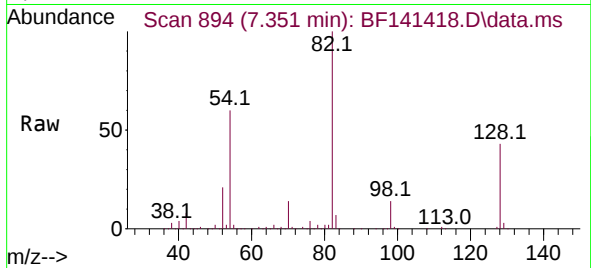




#25
Isophorone
Concen: 55.173 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.277 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

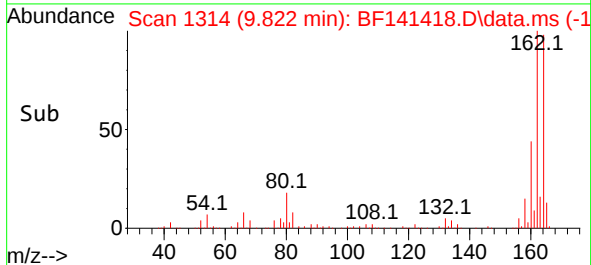
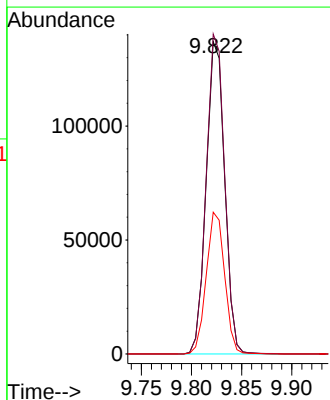
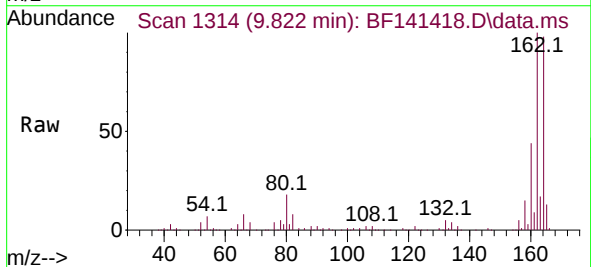
Instrument :
BNA_F
ClientSampleId :
JPP-51.4-013025

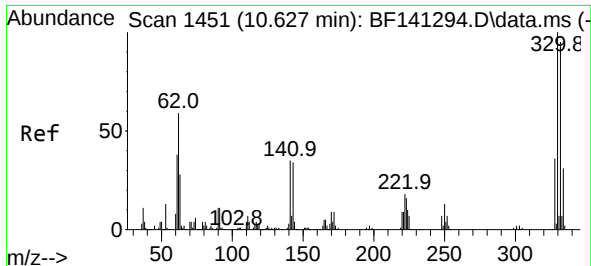
Tgt Ion: 82 Resp: 570793
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

Tgt Ion: 164 Resp: 176087
Ion Ratio Lower Upper
164 100
162 102.5 80.6 121.0
160 45.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 152.939 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141418.D

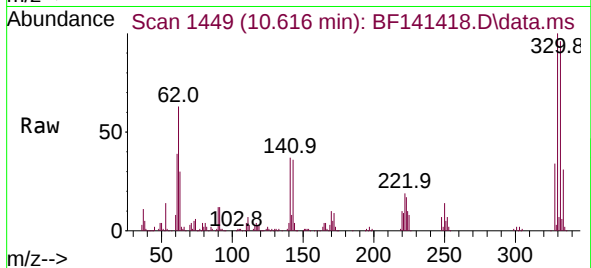
Acq: 04 Feb 2025 19:34

Instrument :

BNA_F

ClientSampleId :

JPP-51.4-013025



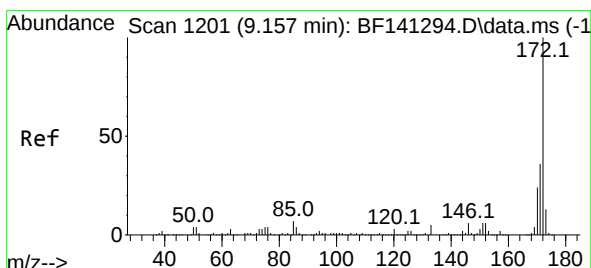
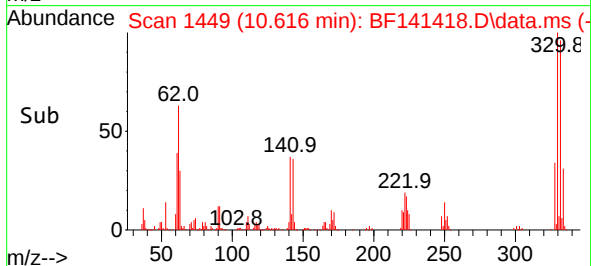
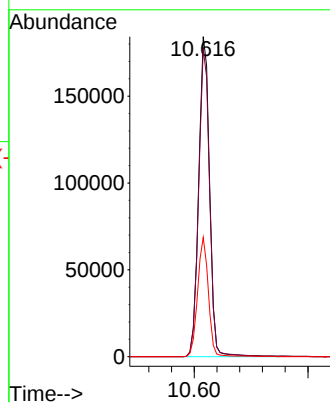
Tgt Ion:330 Resp: 246892

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

141 37.0 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 94.324 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141418.D

Acq: 04 Feb 2025 19:34

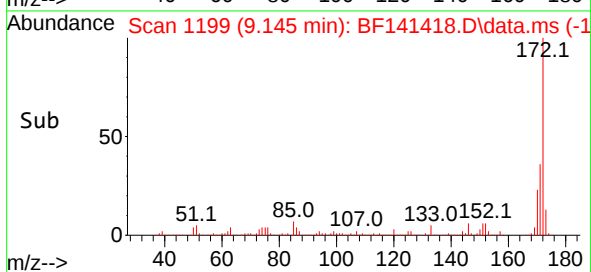
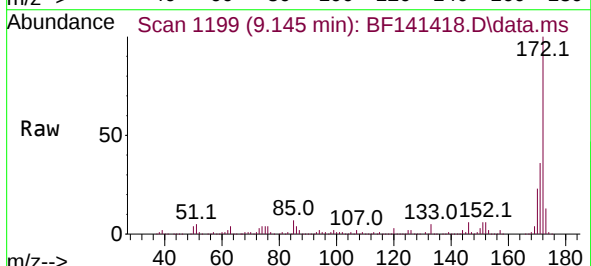
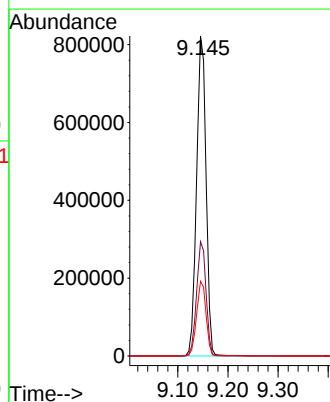
Tgt Ion:172 Resp: 1079093

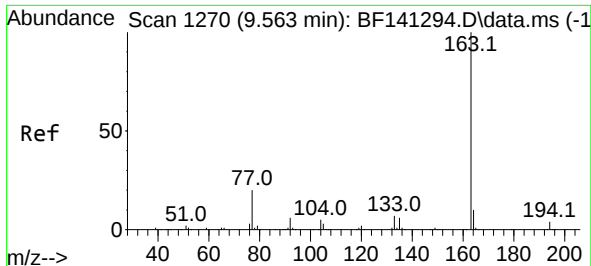
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.4 19.0 28.6

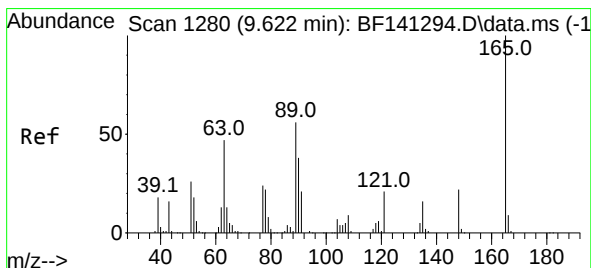
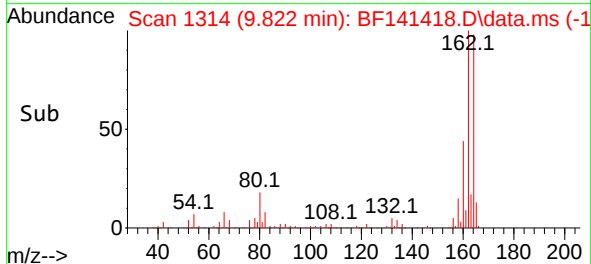
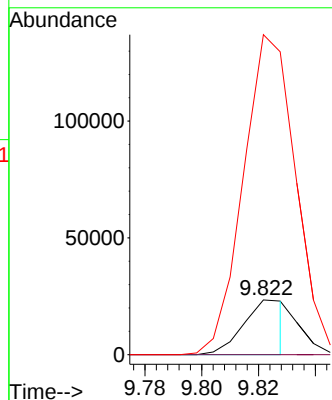
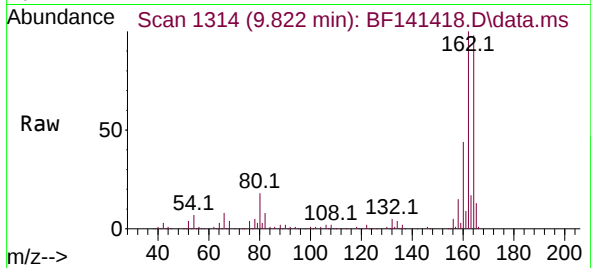




#50
Dimethylphthalate
Concen: 2.017 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

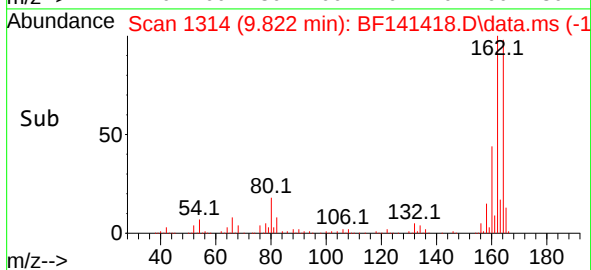
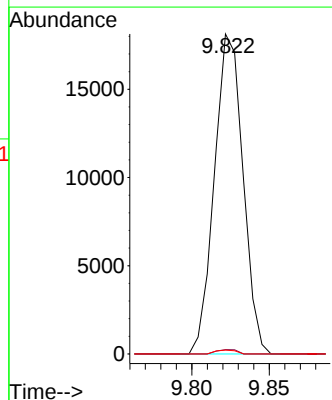
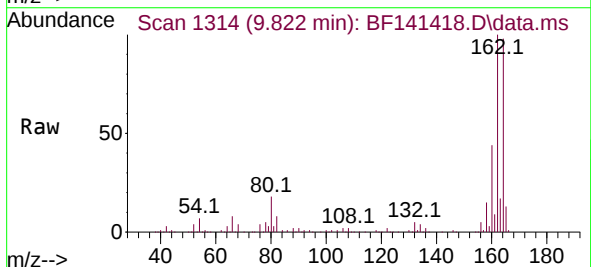
Instrument :
BNA_F
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JPP-51.4-013025

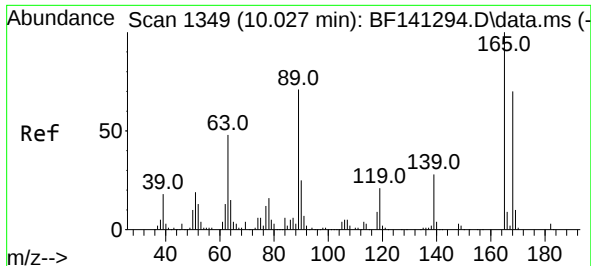
Tgt Ion:163 Resp: 23983
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 584.4 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.424 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

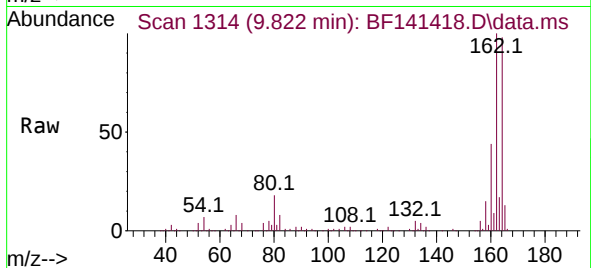
Tgt Ion:165 Resp: 23262
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.2 44.9 67.3#



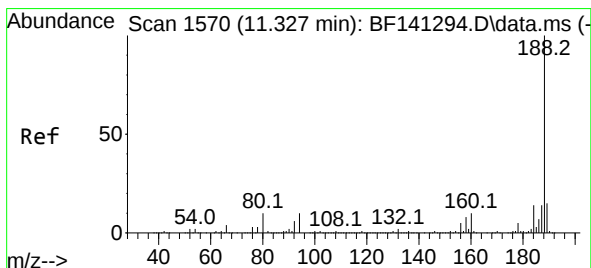
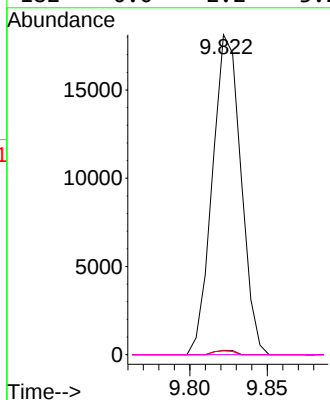
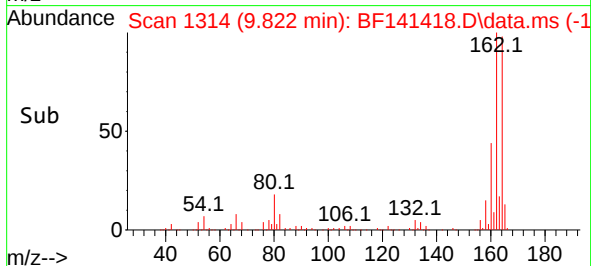


#57
2,4-Dinitrotoluene
Concen: 6.506 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

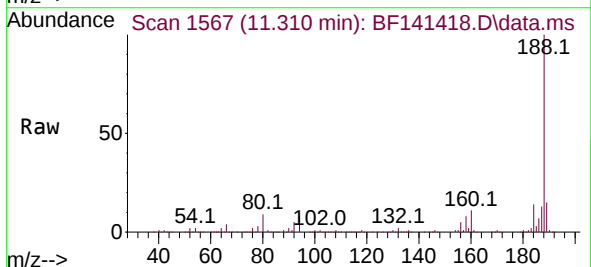
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BNA_F
ClientSampleId :
JPP-51.4-013025



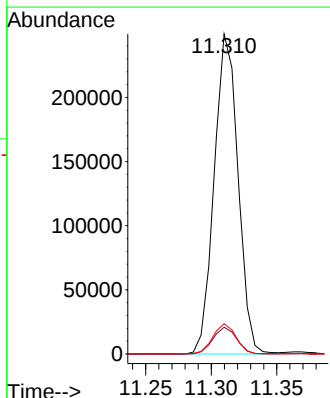
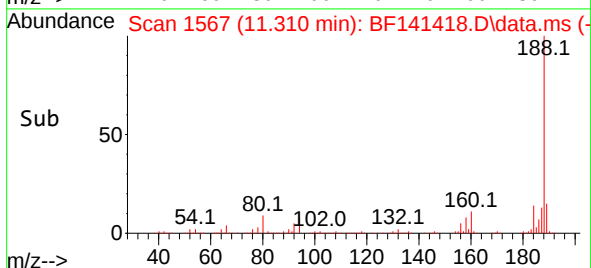
Tgt Ion:165 Resp: 23262
Ion Ratio Lower Upper
165 100
63 1.4 39.2 58.8#
89 1.2 56.9 85.3#
182 0.0 2.2 3.2#

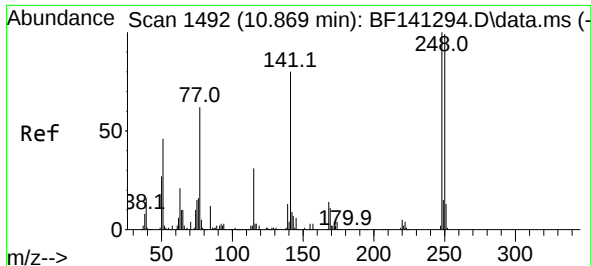


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34



Tgt Ion:188 Resp: 315081
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 9.5 8.2 12.4

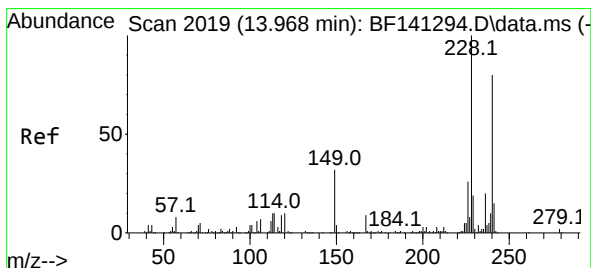
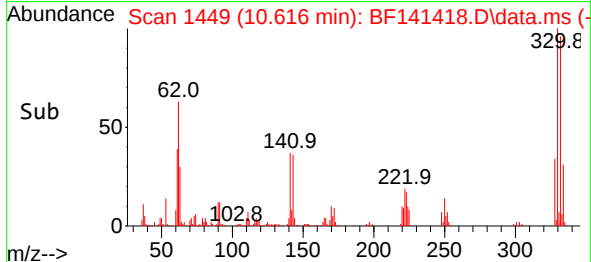
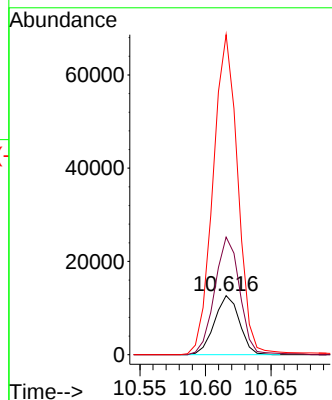
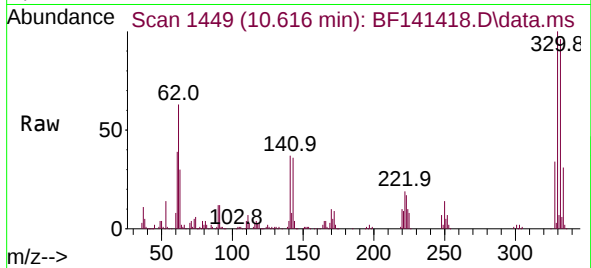




#67
4-Bromophenyl-phenylether
Concen: 4.747 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

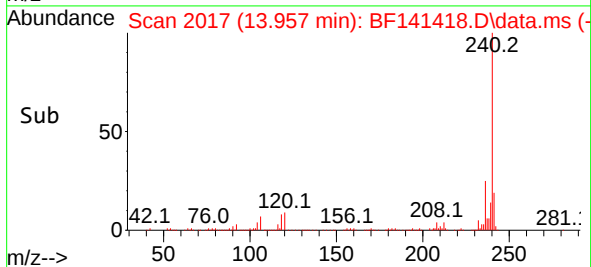
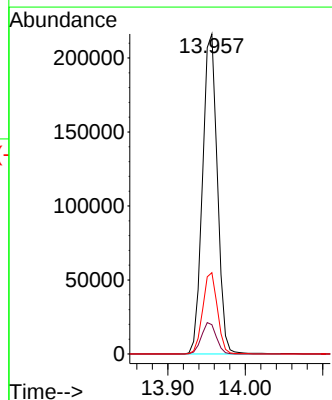
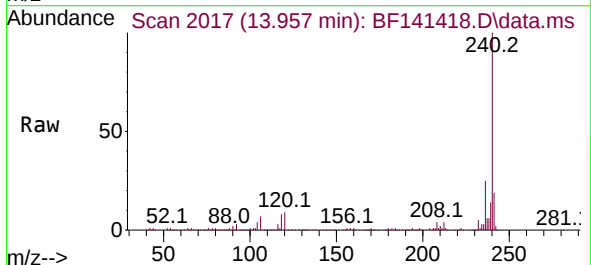
Instrument :
BNA_F
ClientSampleId :
JPP-51.4-013025

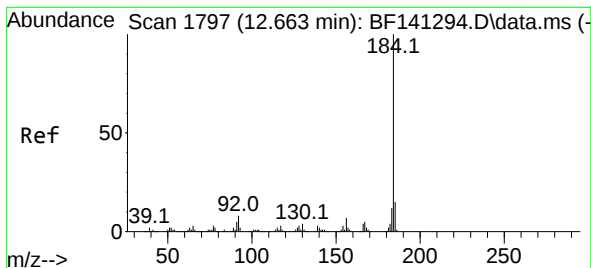
Tgt Ion:248 Resp: 16743
Ion Ratio Lower Upper
248 100
250 199.0 79.0 118.4#
141 541.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141418.D
Acq: 04 Feb 2025 19:34

Tgt Ion:240 Resp: 286835
Ion Ratio Lower Upper
240 100
120 9.2 10.0 15.0#
236 25.4 19.7 29.5





#77

Benzidine

Concen: 12.134 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141418.D

Acq: 04 Feb 2025 19:34

Instrument :

BNA_F

ClientSampleId :

JPP-51.4-013025

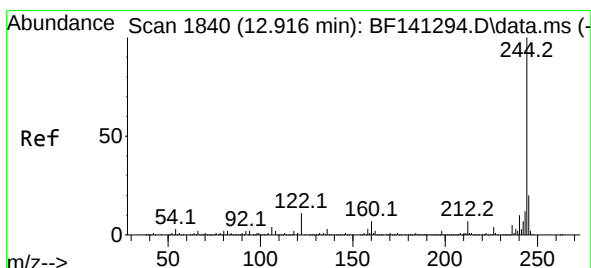
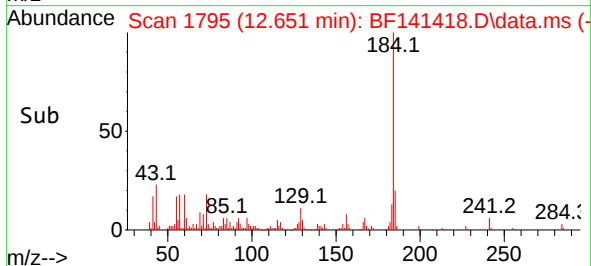
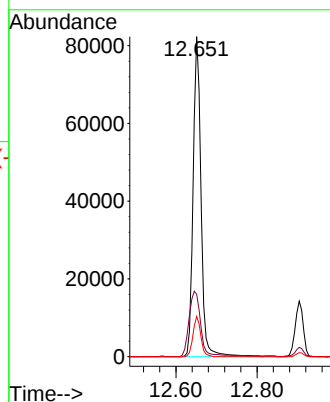
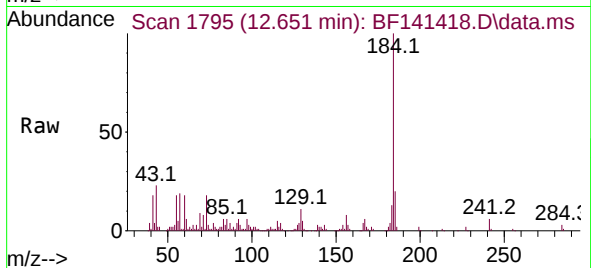
Tgt Ion:184 Resp: 111575

Ion Ratio Lower Upper

184 100

185 19.5 11.9 17.9#

183 12.5 9.5 14.3



#79

Terphenyl-d14

Concen: 74.107 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141418.D

Acq: 04 Feb 2025 19:34

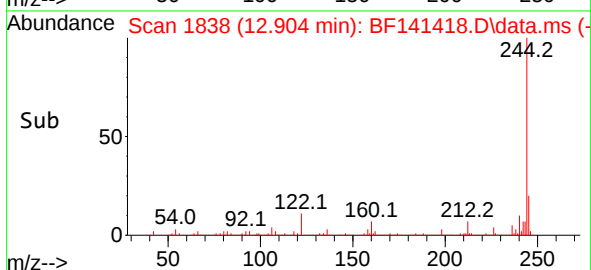
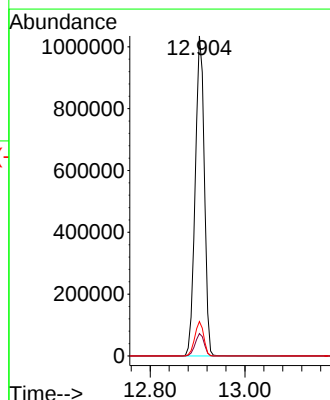
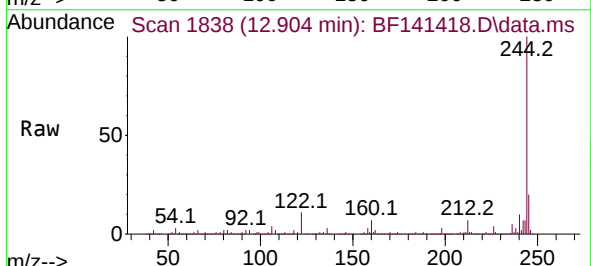
Tgt Ion:244 Resp: 1378327

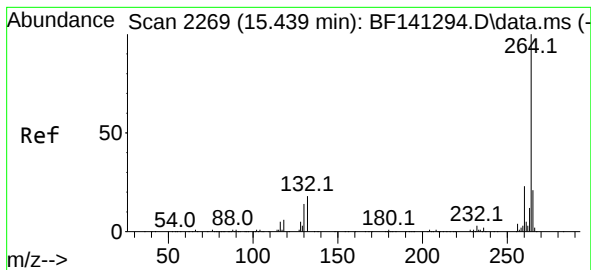
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 10.8 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF141418.D

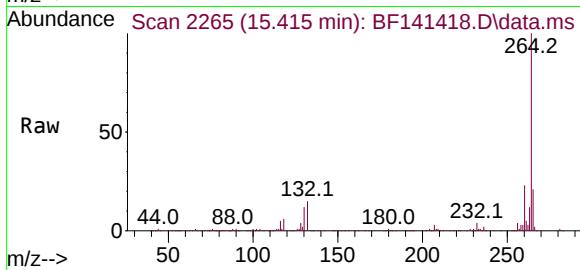
Acq: 04 Feb 2025 19:34

Instrument :

BNA_F

ClientSampleId :

JPP-51.4-013025



Tgt Ion:264 Resp: 237589

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.3 16.7 25.1

