

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141456.D
 Acq On : 05 Feb 2025 19:20
 Operator : RC/JU
 Sample : Q1207-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.2-012725

Quant Time: Feb 06 01:45:35 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)

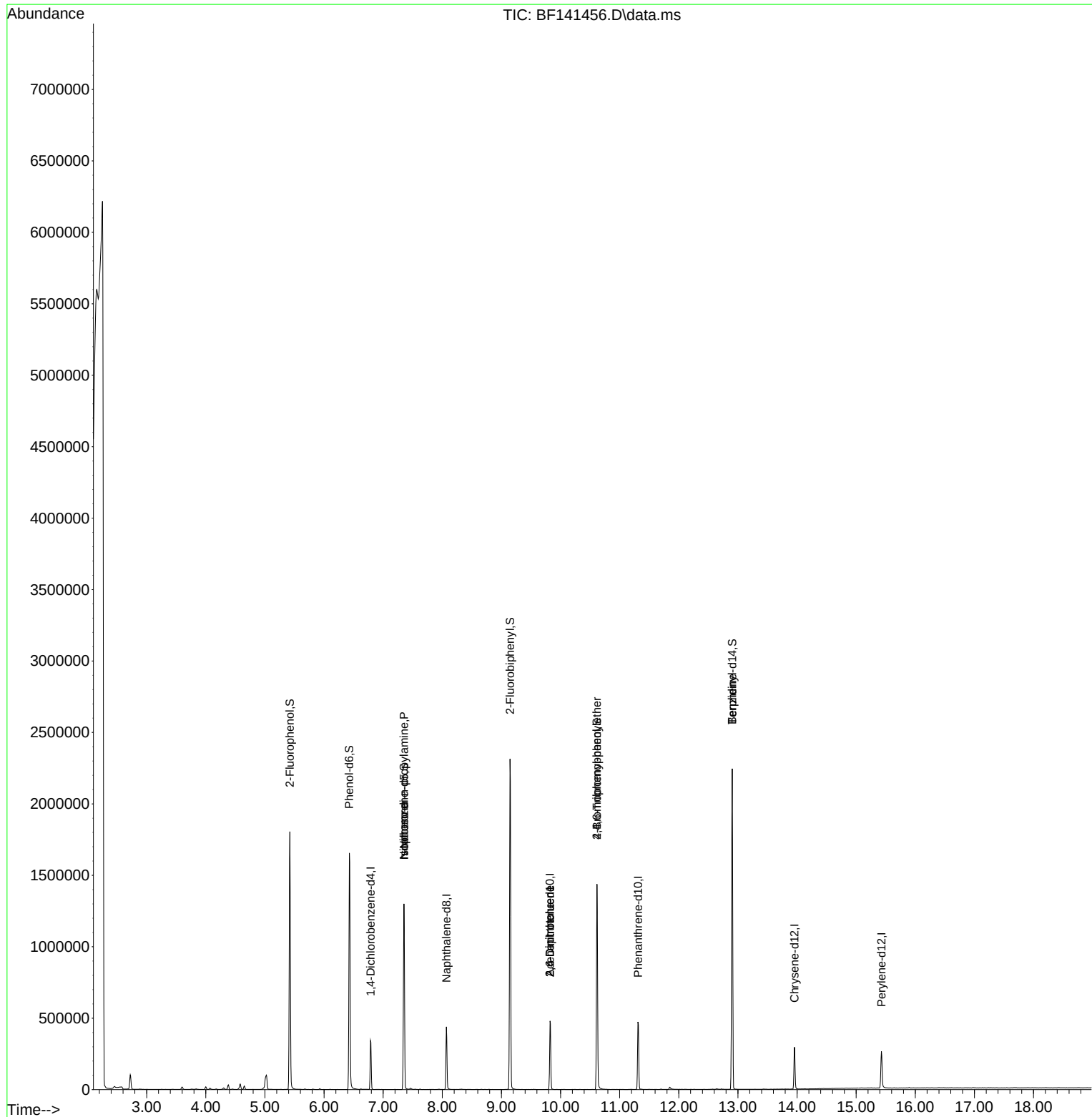
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	70116	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	274847	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	148681	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	249488	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	146891	20.000	ng	-0.02
86) Perylene-d12	15.427	264	157396	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	642185	140.608	ng	0.01
7) Phenol-d6	6.428	99	746850	128.544	ng	-0.01
23) Nitrobenzene-d5	7.351	82	565944	108.550	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	232332	170.449	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1033724	107.014	ng	-0.02
79) Terphenyl-d14	12.904	244	1102246	115.723	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	79021	22.889	ng	# 76
25) Isophorone	7.351	82	559591	62.092	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	18884	8.099	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	18884	6.256	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16105	5.766	ng	# 1
77) Benzidine	12.904	184	15152	3.218	ng	# 93

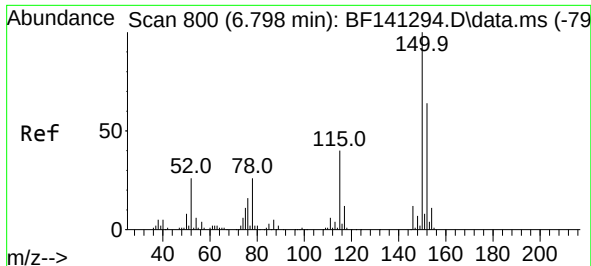
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141456.D
Acq On : 05 Feb 2025 19:20
Operator : RC/JU
Sample : Q1207-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Time: Feb 06 01:45:35 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

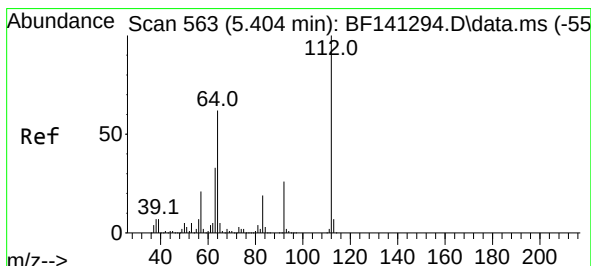
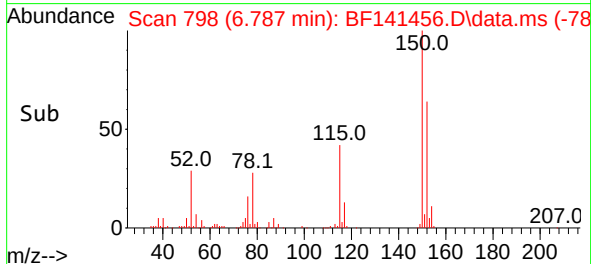
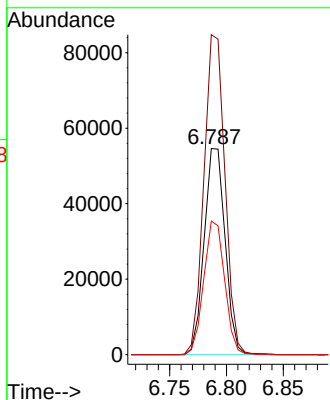
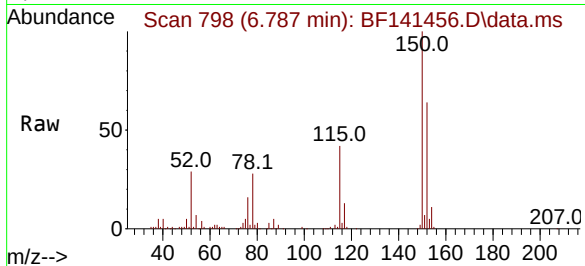




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 701
 Delta R.T. -0.017 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

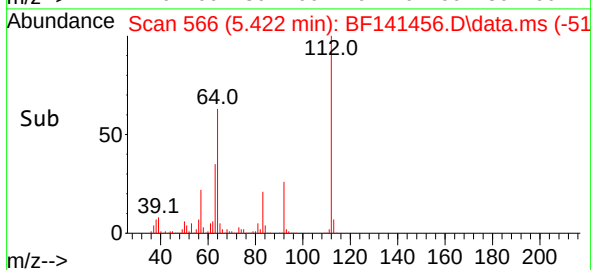
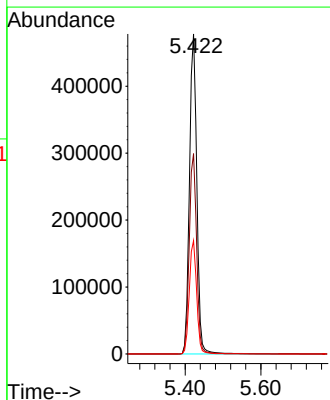
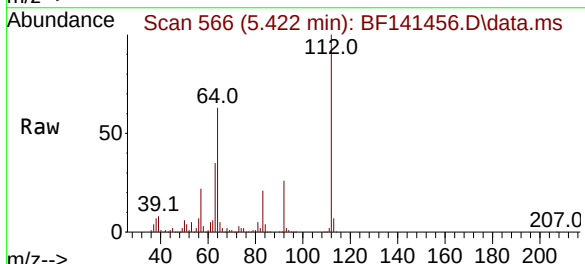
Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.2-012725

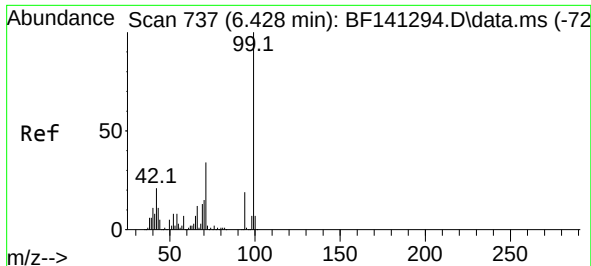
Tgt Ion:152 Resp: 70116
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 64.8 49.7 74.5



#5
 2-Fluorophenol
 Concen: 140.608 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141456.D
 Acq: 05 Feb 2025 19:20

Tgt Ion:112 Resp: 642185
 Ion Ratio Lower Upper
 112 100
 64 62.6 49.8 74.8
 63 35.4 26.1 39.1

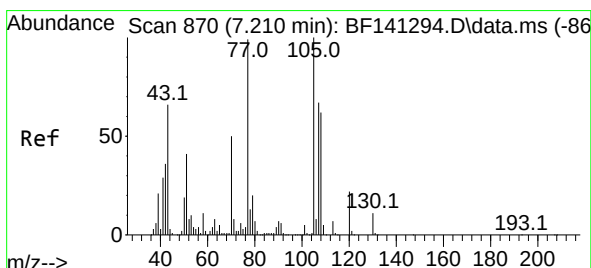
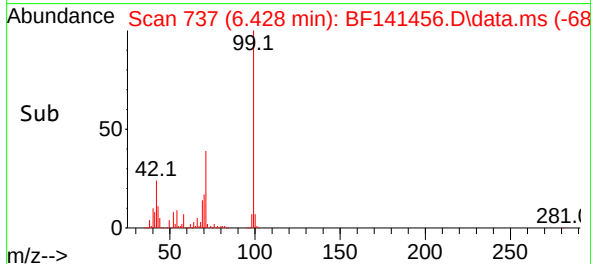
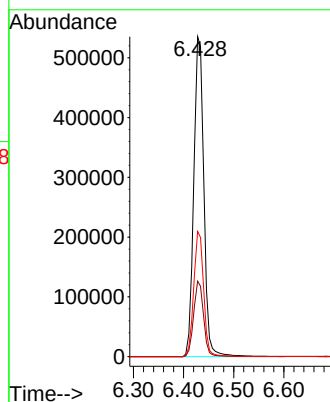
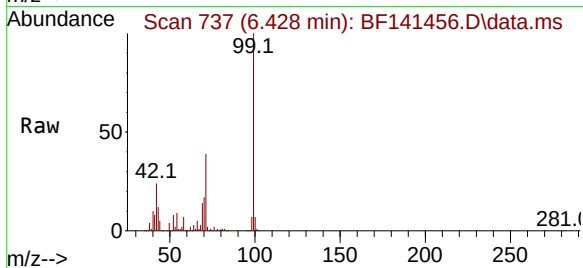




#7
Phenol-d6
Concen: 128.544 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

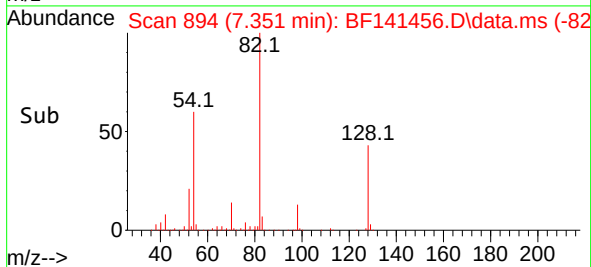
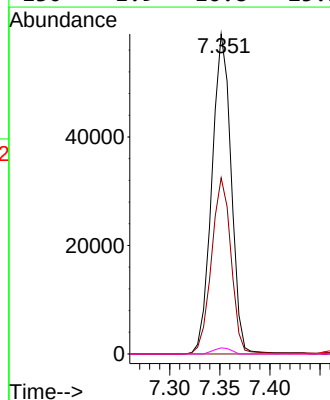
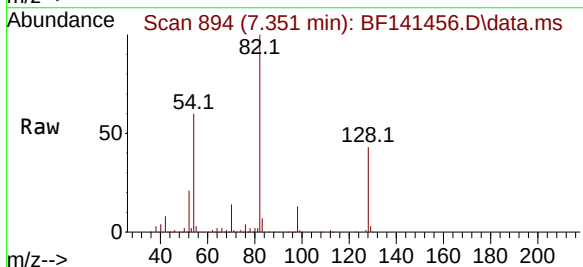
Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

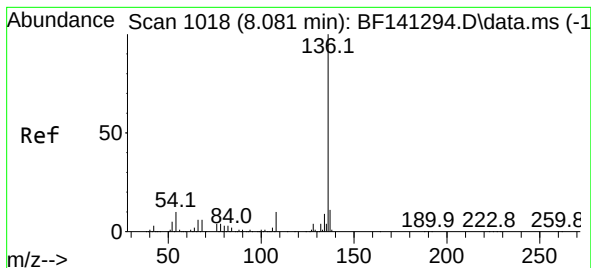
Tgt Ion: 99 Resp: 746850
Ion Ratio Lower Upper
99 100
42 23.6 17.1 25.7
71 39.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.889 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

Tgt Ion: 70 Resp: 79021
Ion Ratio Lower Upper
70 100
42 55.1 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# 1

Delta R.T. -0.018 min

Lab File: BF141456.D

Acq: 05 Feb 2025 19:20

Instrument :

BNA_F

ClientSampleId :

JPP-16.2-012725

Tgt Ion:136 Resp: 274847

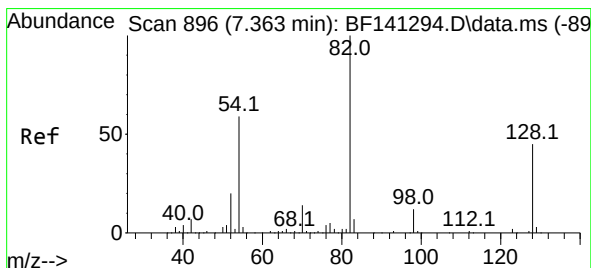
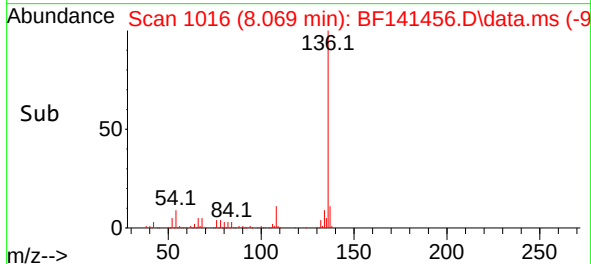
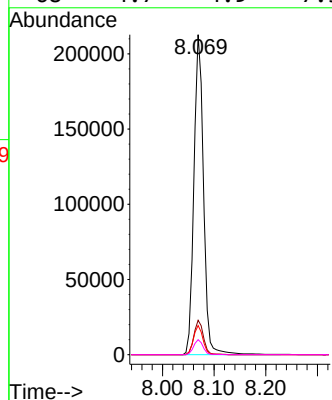
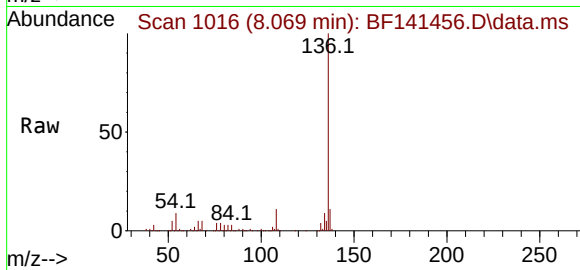
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.1 7.8 11.8

68 4.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 108.550 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141456.D

Acq: 05 Feb 2025 19:20

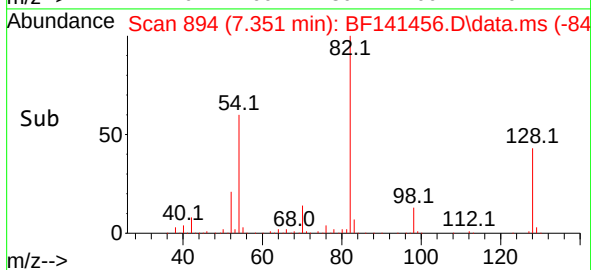
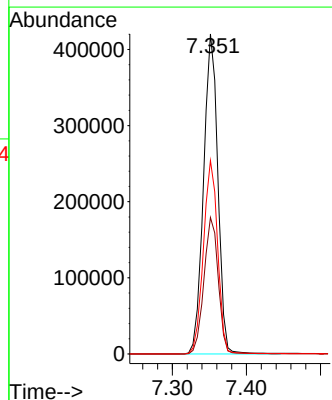
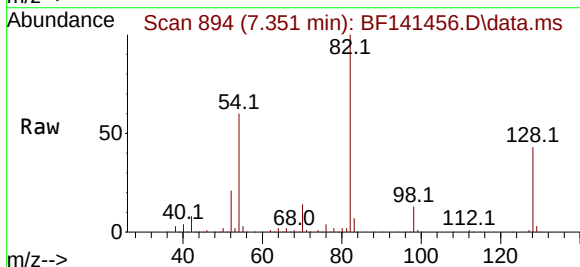
Tgt Ion: 82 Resp: 565944

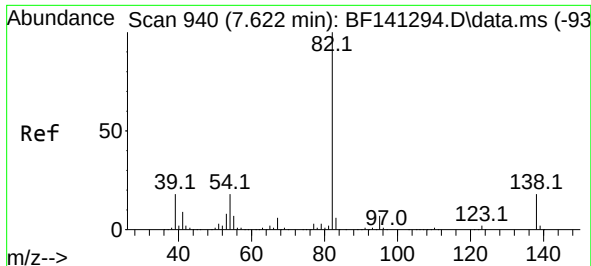
Ion Ratio Lower Upper

82 100

128 42.7 35.7 53.5

54 60.5 47.1 70.7

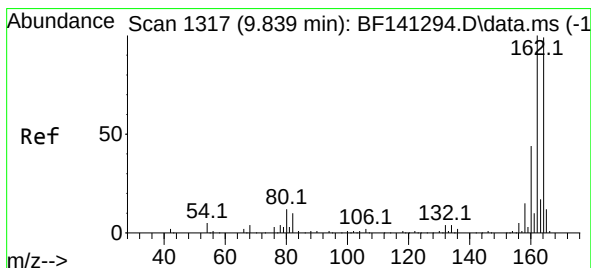
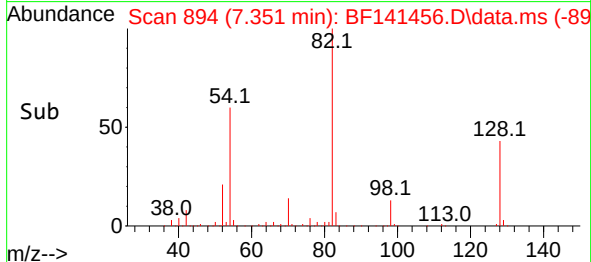
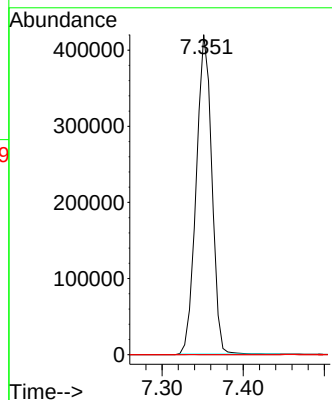
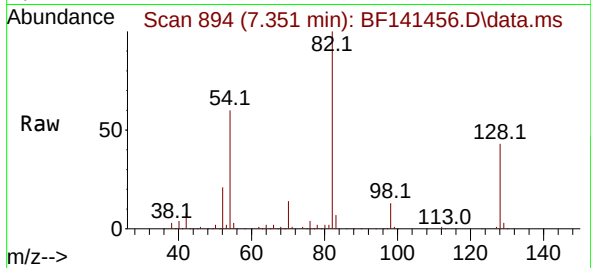




#25
Isophorone
Concen: 62.092 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.276 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

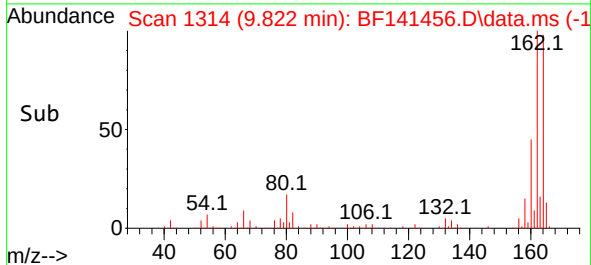
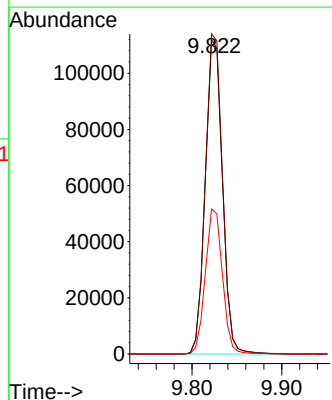
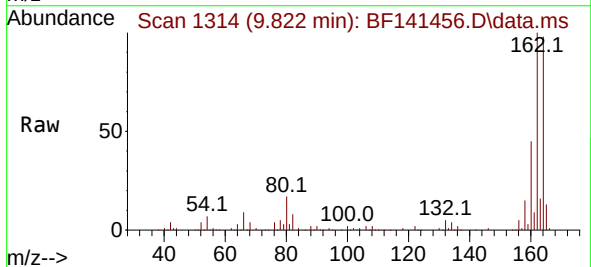
Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

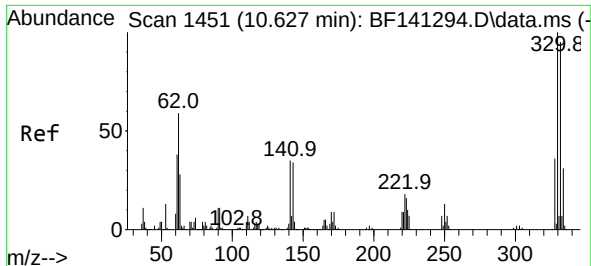
Tgt Ion: 82 Resp: 559591
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

Tgt Ion:164 Resp: 148681
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 46.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 170.449 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141456.D

Acq: 05 Feb 2025 19:20

Instrument :

BNA_F

ClientSampleId :

JPP-16.2-012725

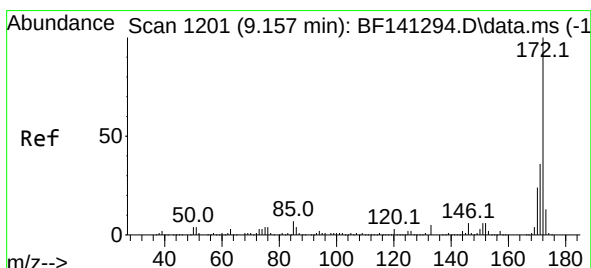
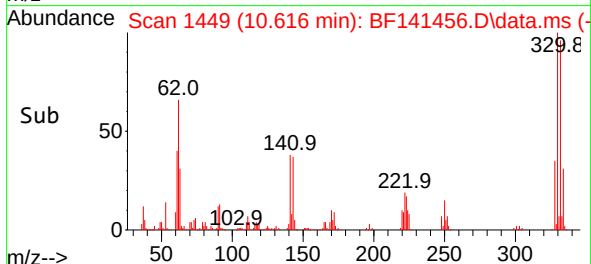
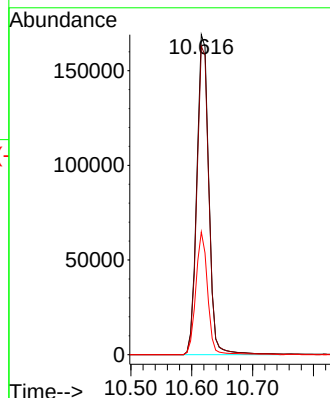
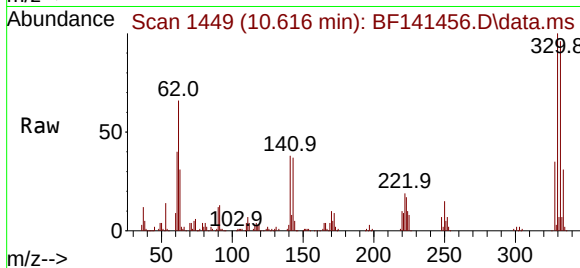
Tgt Ion:330 Resp: 232332

Ion Ratio Lower Upper

330 100

332 97.0 76.1 114.1

141 37.6 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 107.014 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141456.D

Acq: 05 Feb 2025 19:20

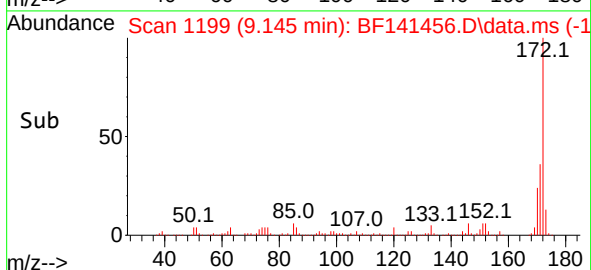
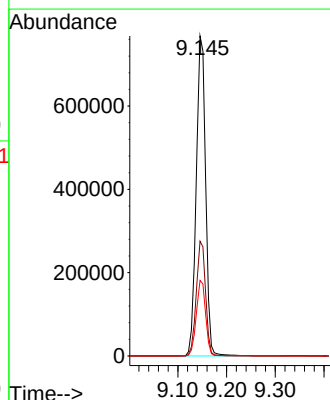
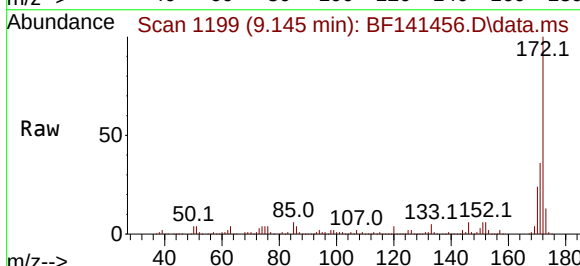
Tgt Ion:172 Resp: 1033724

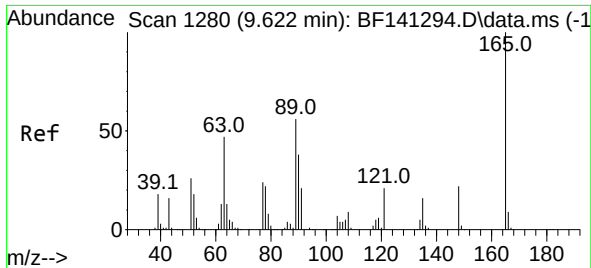
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.6 19.0 28.6

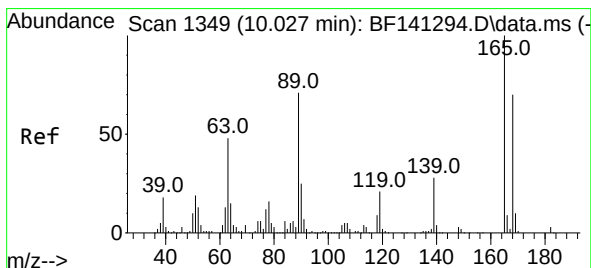
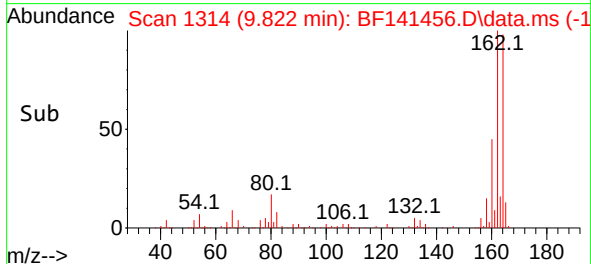
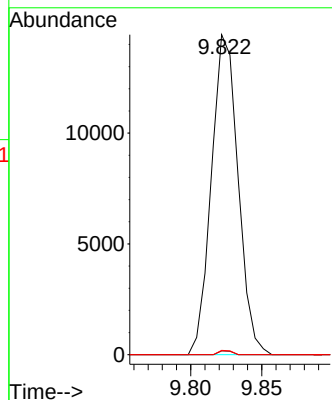
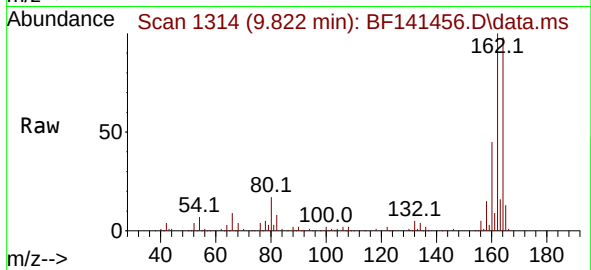




#51
2,6-Dinitrotoluene
Concen: 8.099 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

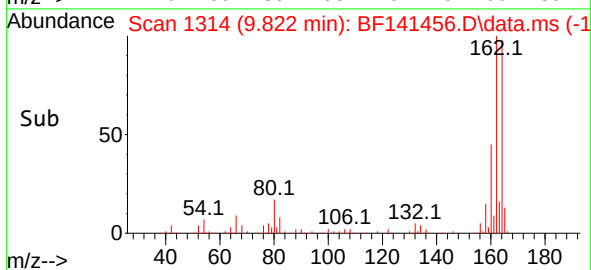
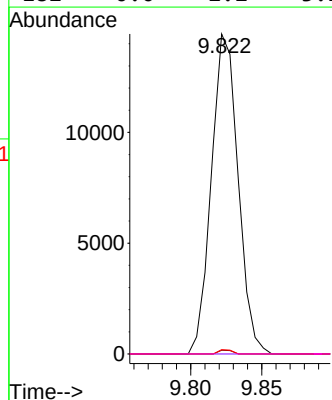
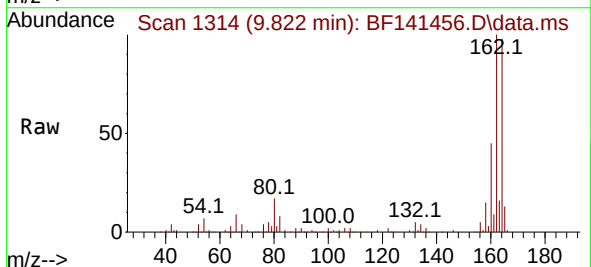
Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

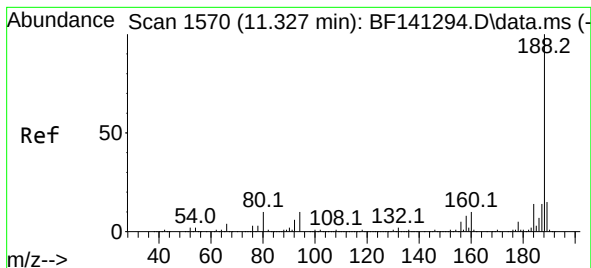
Tgt Ion:165 Resp: 18884
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.3 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.256 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

Tgt Ion:165 Resp: 18884
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.3 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: BF141456.D

Acq: 05 Feb 2025 19:20

Instrument :

BNA_F

ClientSampleId :

JPP-16.2-012725

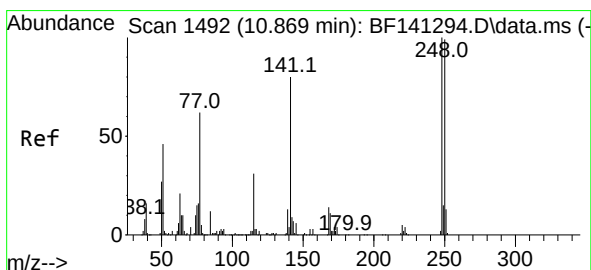
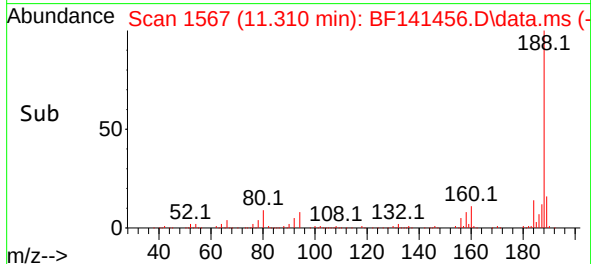
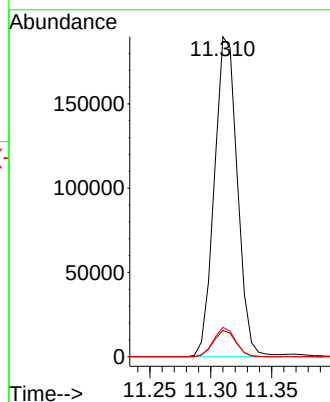
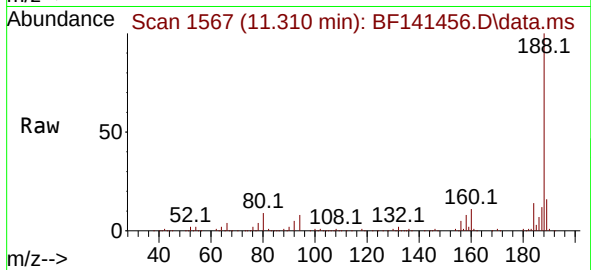
Tgt Ion:188 Resp: 249488

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

80 9.2 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 5.766 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.259 min

Lab File: BF141456.D

Acq: 05 Feb 2025 19:20

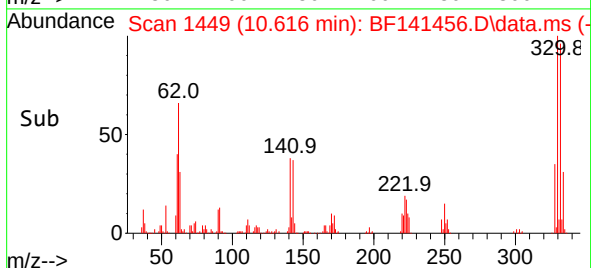
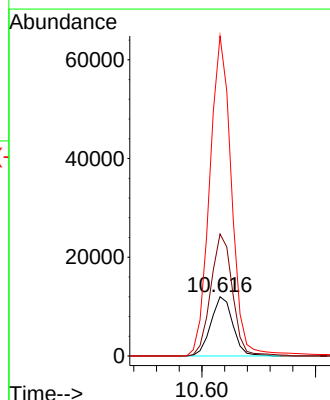
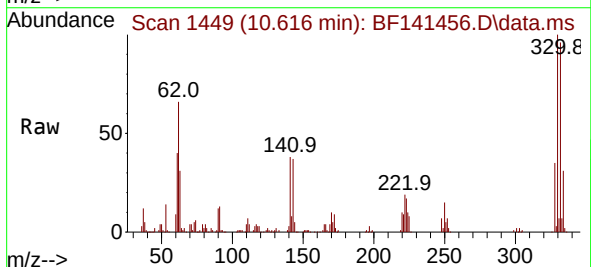
Tgt Ion:248 Resp: 16105

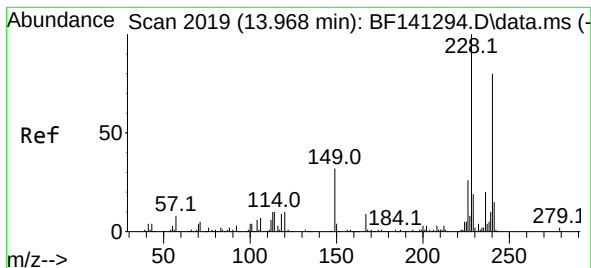
Ion Ratio Lower Upper

248 100

250 206.1 79.0 118.4#

141 541.0 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: BF141456.D

Acq: 05 Feb 2025 19:20

Instrument :

BNA_F

ClientSampleId :

JPP-16.2-012725

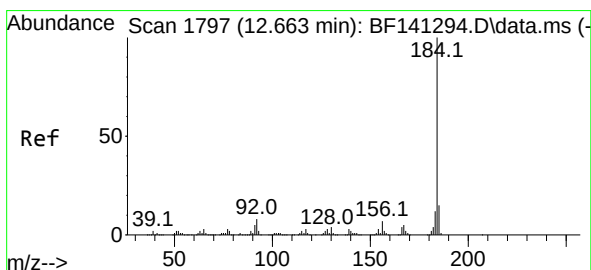
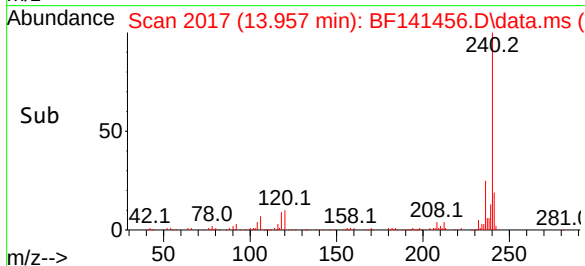
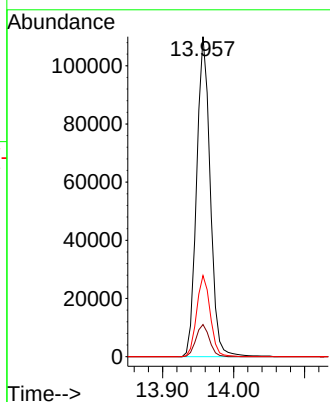
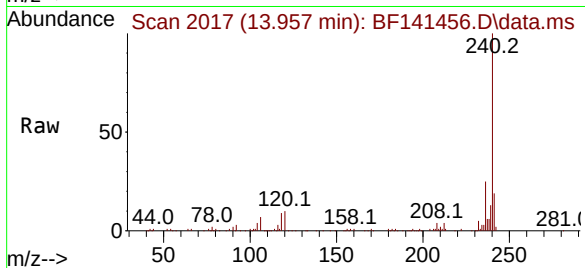
Tgt Ion:240 Resp: 146891

Ion Ratio Lower Upper

240 100

120 10.1 10.0 15.0

236 25.4 19.7 29.5



#77

Benzidine

Concen: 3.218 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141456.D

Acq: 05 Feb 2025 19:20

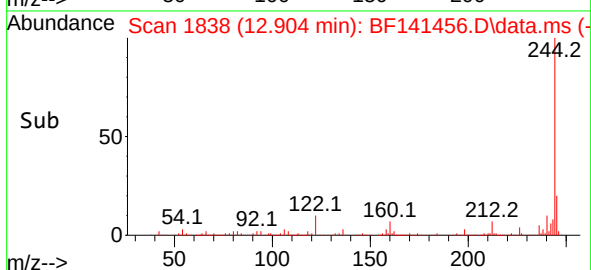
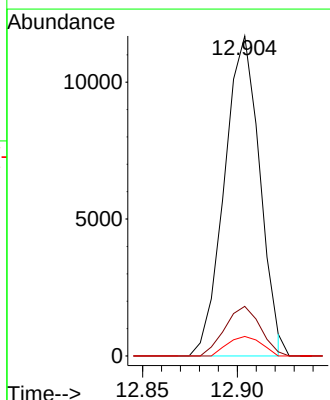
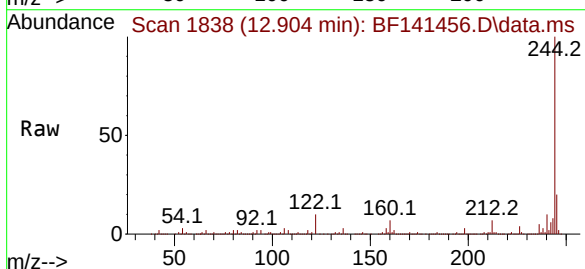
Tgt Ion:184 Resp: 15152

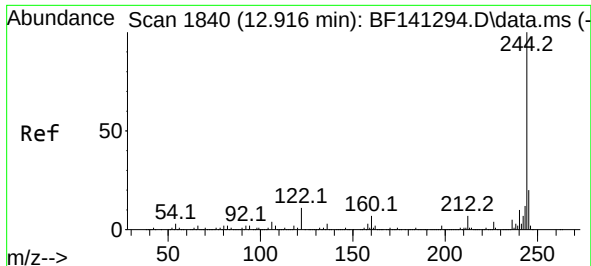
Ion Ratio Lower Upper

184 100

185 15.5 11.9 17.9

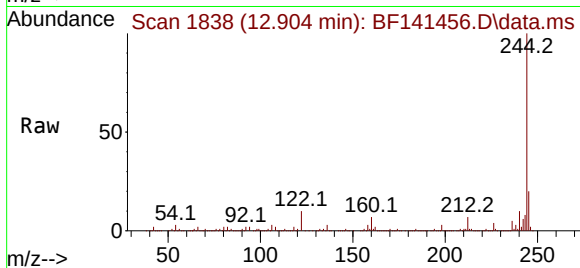
183 6.1 9.5 14.3#



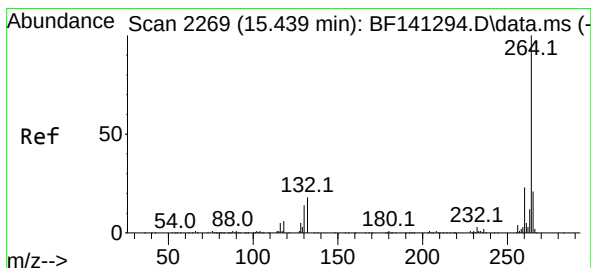
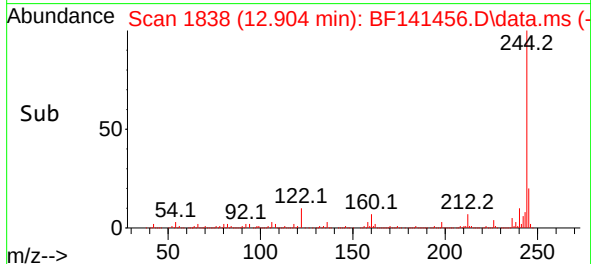
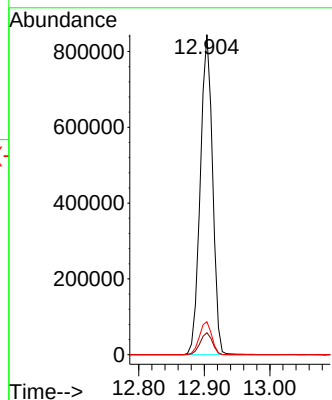


#79
Terphenyl-d14
Concen: 115.723 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141456.D
Acq: 05 Feb 2025 19:20

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725



Tgt Ion:244 Resp: 1102246
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.3 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: BF141456.D
Acq: 05 Feb 2025 19:20

Tgt Ion:264 Resp: 157396
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.4 16.7 25.1

