

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141384.D
 Acq On : 03 Feb 2025 22:11
 Operator : RC/JU
 Sample : Q1232-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.1-012925

Quant Time: Feb 04 00:20:10 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)

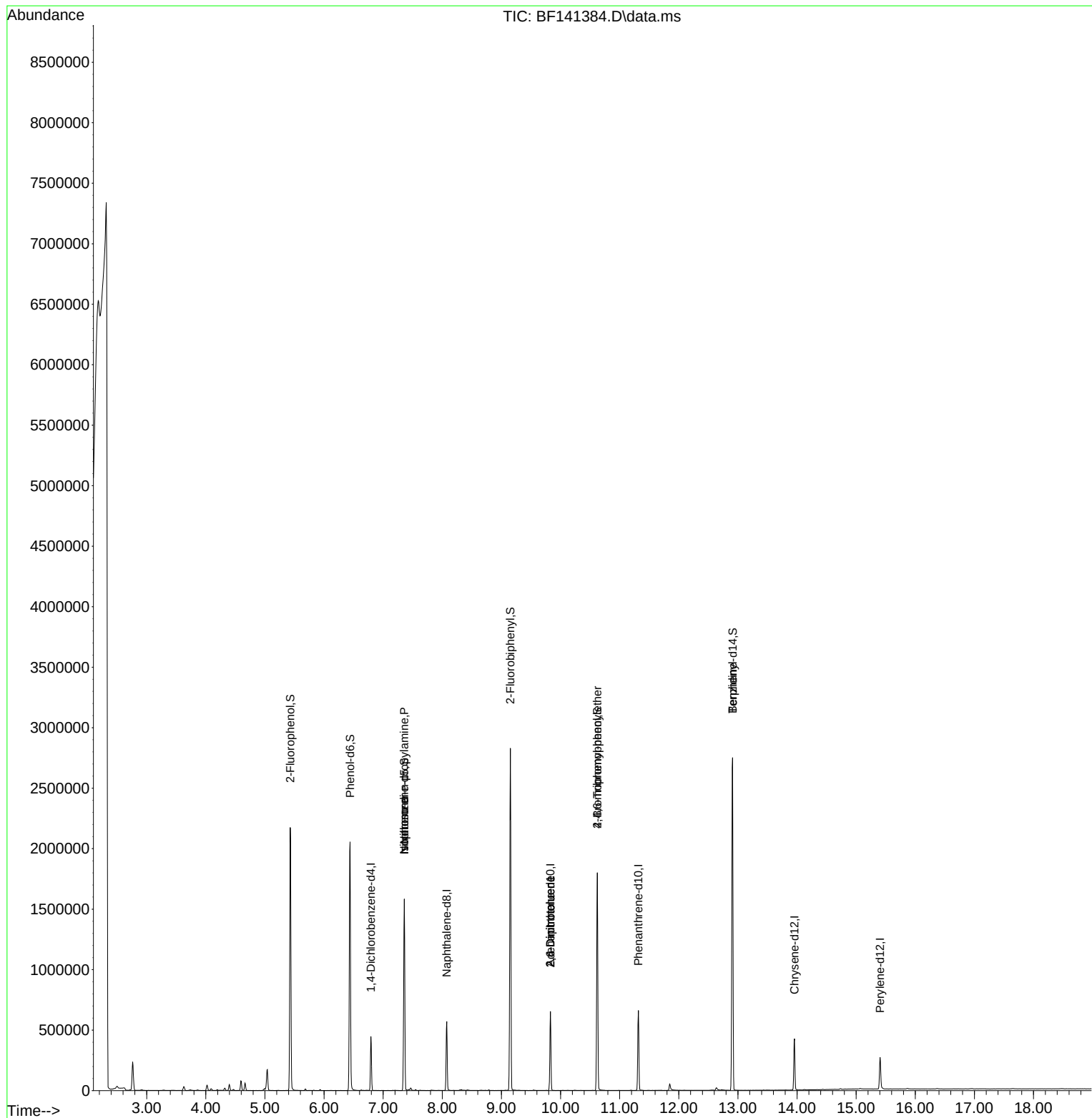
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	88557	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	354547	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	194446	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	330562	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	210585	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	155102	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	790380	137.018	ng	0.02
7) Phenol-d6	6.440	99	956155	130.299	ng	0.00
23) Nitrobenzene-d5	7.357	82	711866	105.845	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	294994	165.483	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1271349	100.637	ng	-0.01
79) Terphenyl-d14	12.910	244	1427125	104.513	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	98008	22.477	ng	# 75
25) Isophorone	7.357	82	706111	60.737	ng	# 64
51) 2,6-Dinitrotoluene	9.828	165	25094	8.229	ng	# 24
57) 2,4-Dinitrotoluene	9.828	165	25094	6.356	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	20440	5.523	ng	# 1
77) Benzidine	12.910	184	18833	2.790	ng	# 93

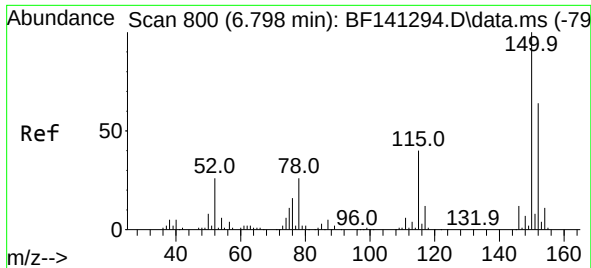
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141384.D
Acq On : 03 Feb 2025 22:11
Operator : RC/JU
Sample : Q1232-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Quant Time: Feb 04 00:20:10 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

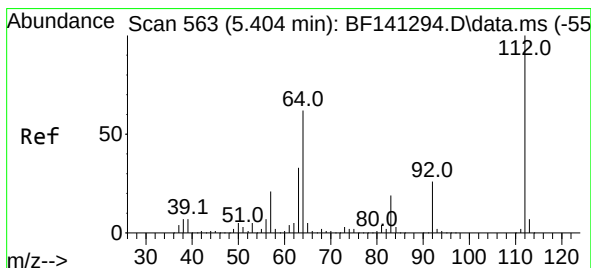
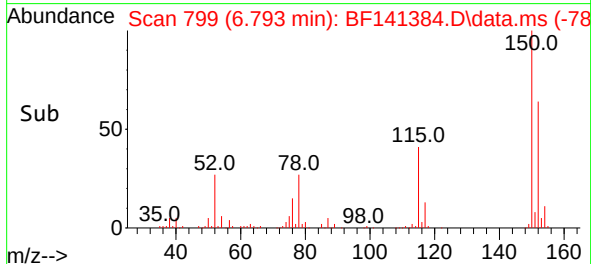
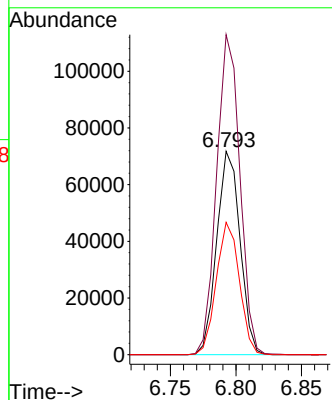
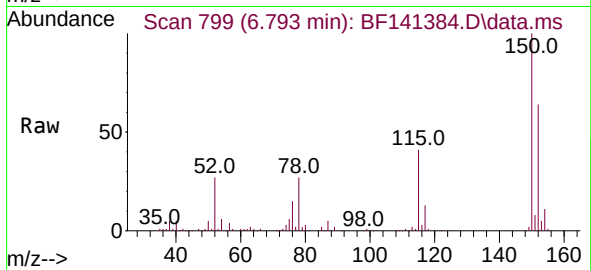




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

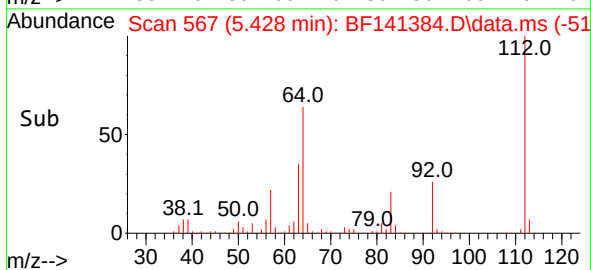
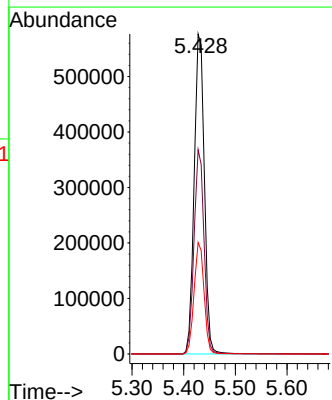
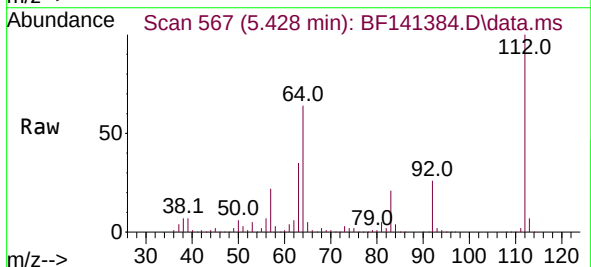
Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

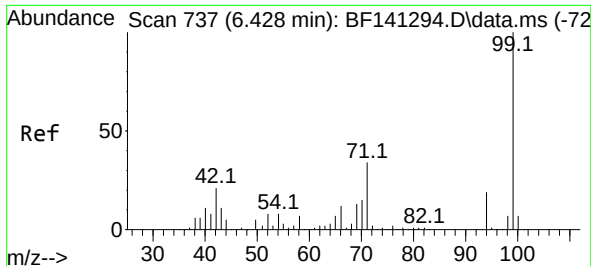
Tgt Ion:152 Resp: 88557
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 65.1 49.7 74.5



#5
2-Fluorophenol
Concen: 137.018 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:112 Resp: 790380
Ion Ratio Lower Upper
112 100
64 63.9 49.8 74.8
63 34.8 26.1 39.1

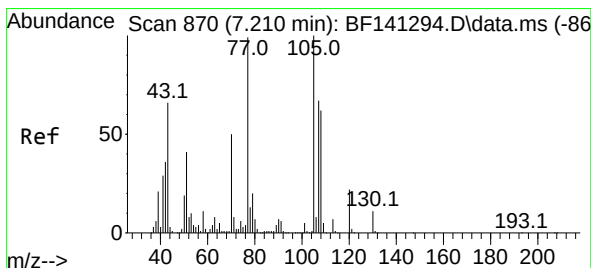
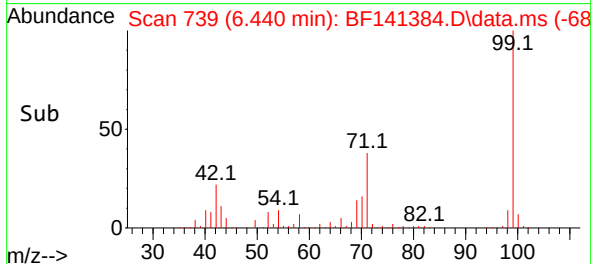
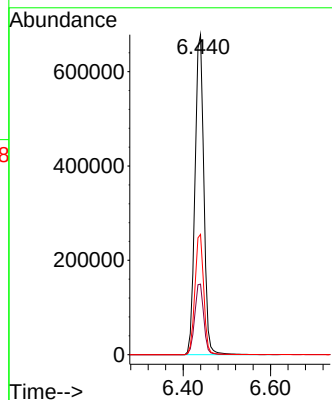
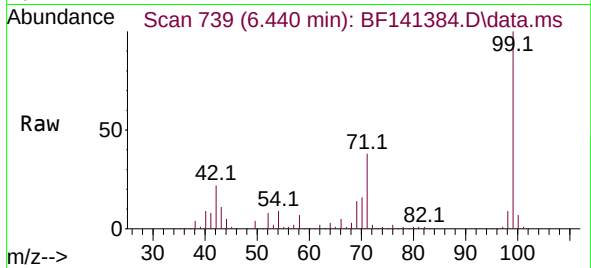




#7
Phenol-d6
Concen: 130.299 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

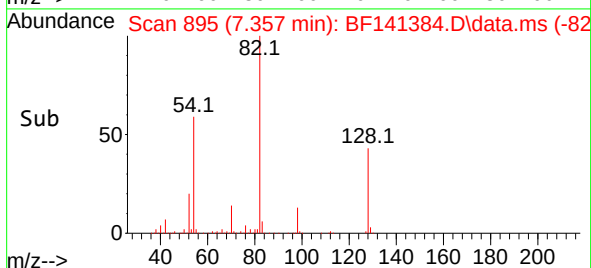
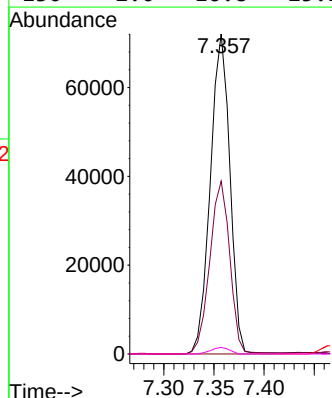
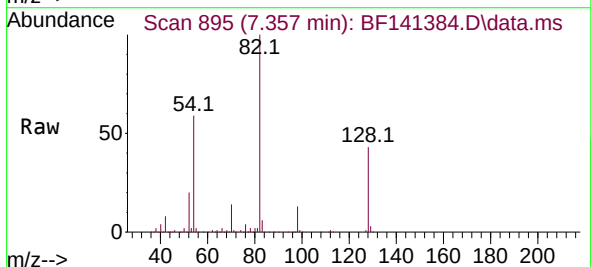
Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

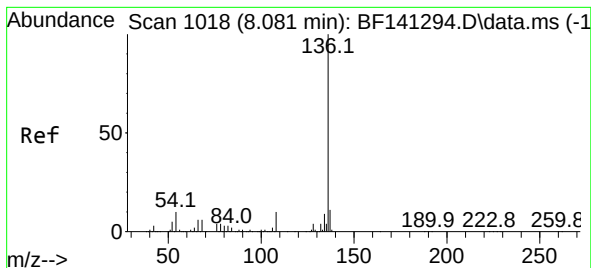
Tgt Ion: 99 Resp: 956155
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 37.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.477 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion: 70 Resp: 98008
Ion Ratio Lower Upper
70 100
42 54.0 56.8 85.2#
101 0.0 7.7 11.5#
130 2.0 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141384.D

Acq: 03 Feb 2025 22:11

Instrument :

BNA_F

ClientSampleId :

JPP-51.1-012925

Tgt Ion:136 Resp: 354547

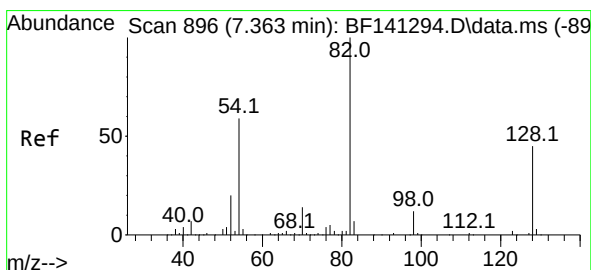
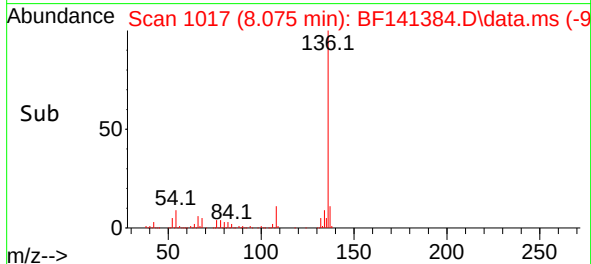
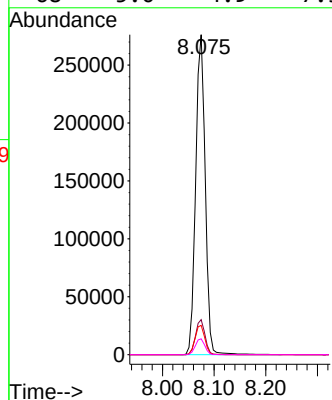
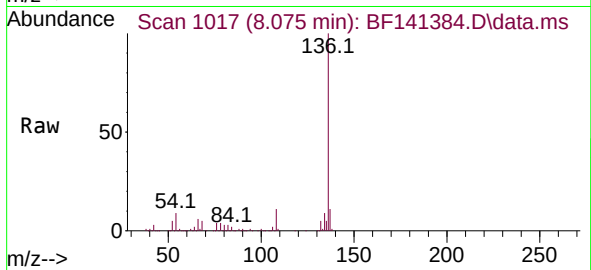
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.2 7.8 11.8

68 5.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 105.845 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141384.D

Acq: 03 Feb 2025 22:11

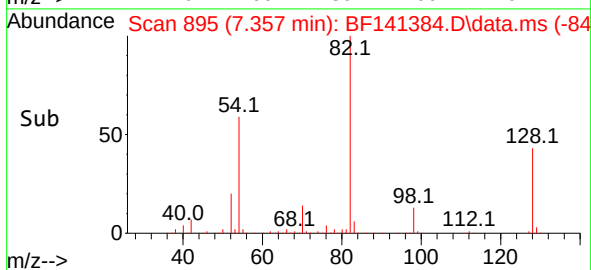
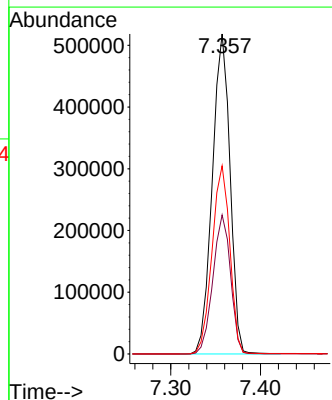
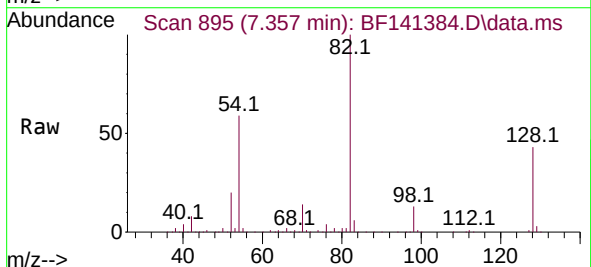
Tgt Ion: 82 Resp: 711866

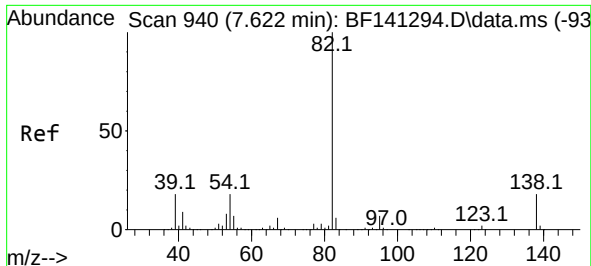
Ion Ratio Lower Upper

82 100

128 43.5 35.7 53.5

54 58.8 47.1 70.7

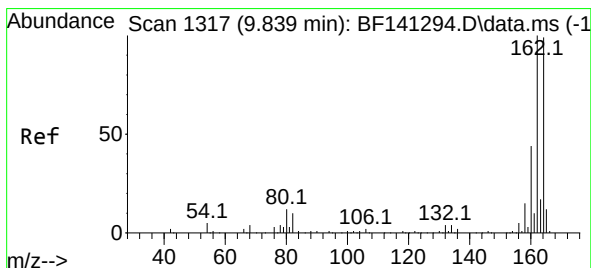
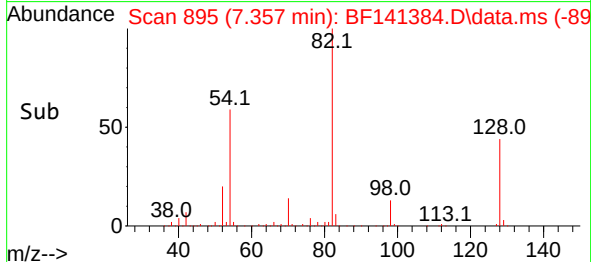
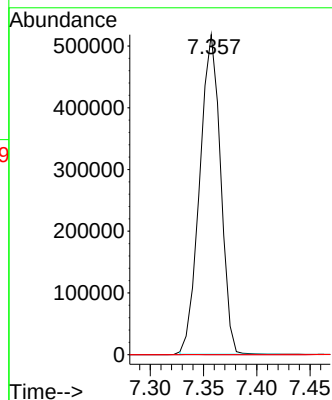
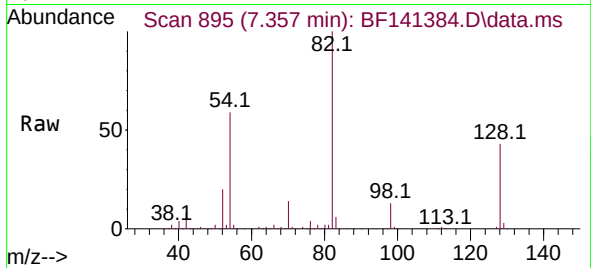




#25
Isophorone
Concen: 60.737 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

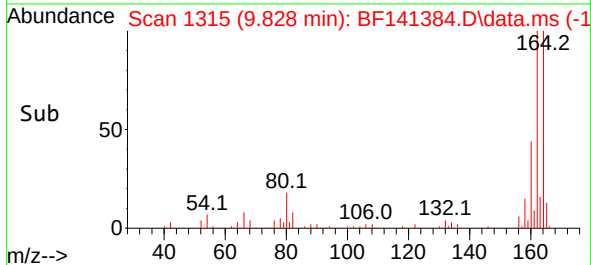
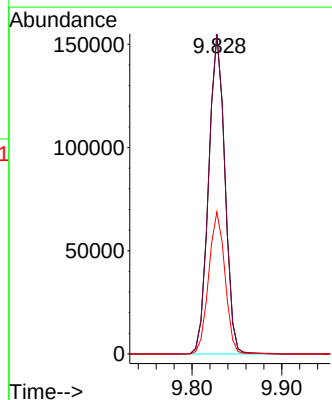
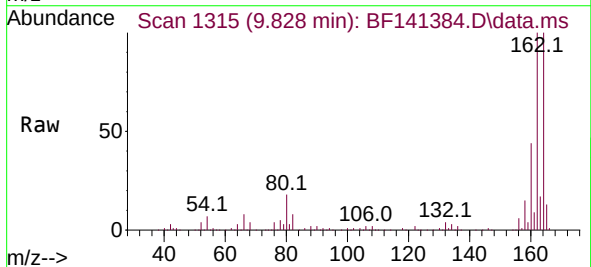
Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

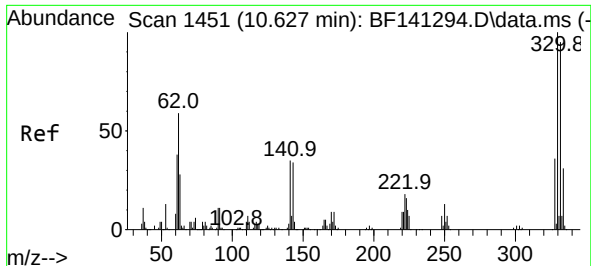
Tgt Ion: 82 Resp: 706111
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

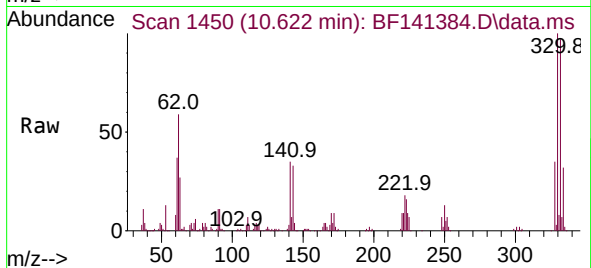
Tgt Ion:164 Resp: 194446
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 44.4 35.8 53.6



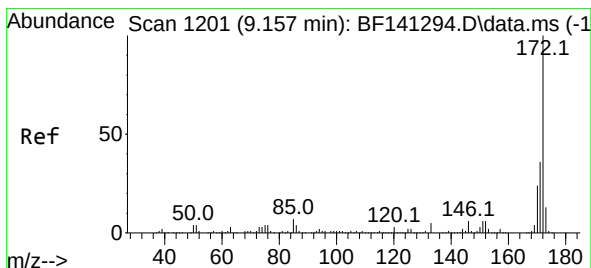
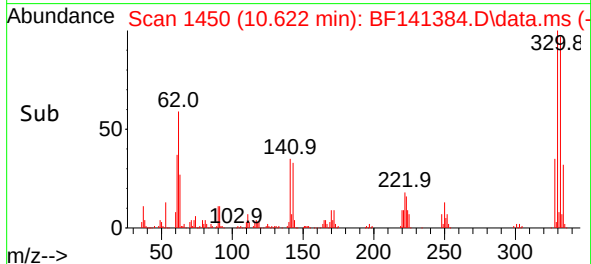
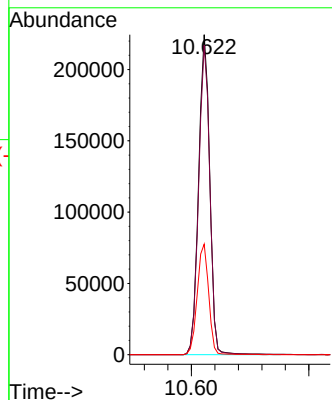


#42
2,4,6-Tribromophenol
Concen: 165.483 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

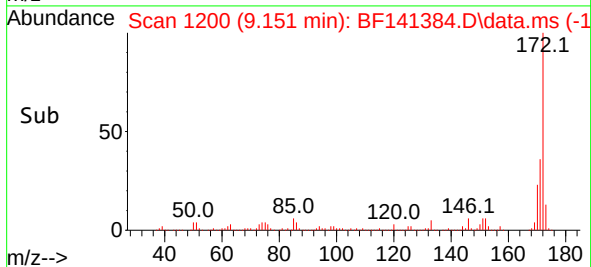
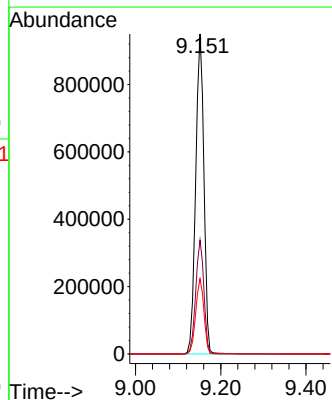
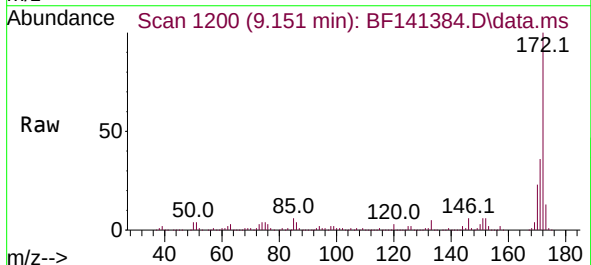


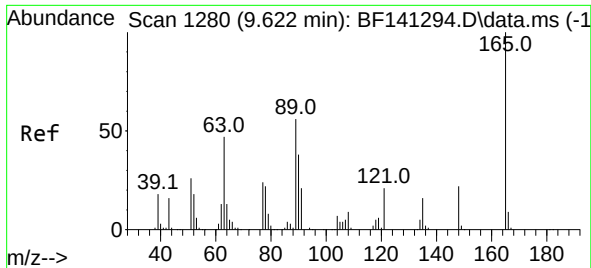
Tgt Ion:330 Resp: 294994
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 35.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 100.637 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:172 Resp: 1271349
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 19.0 28.6

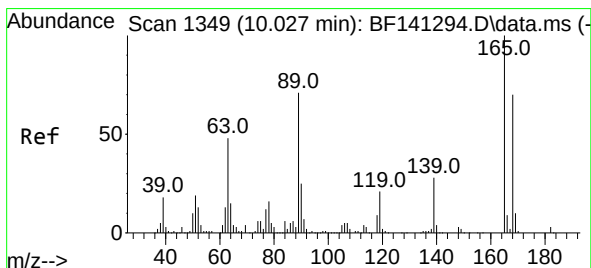
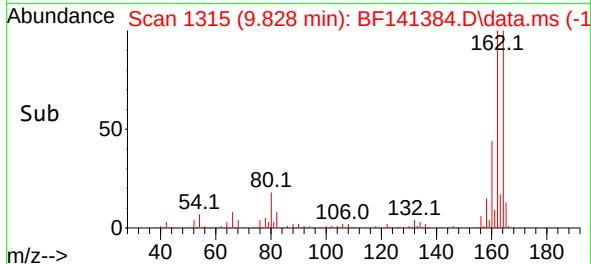
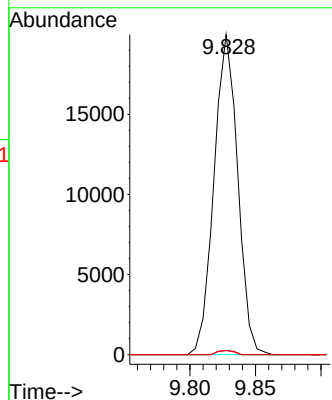
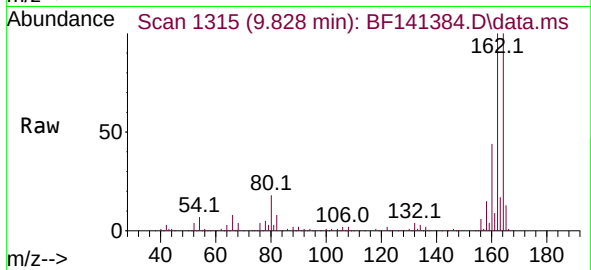




#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

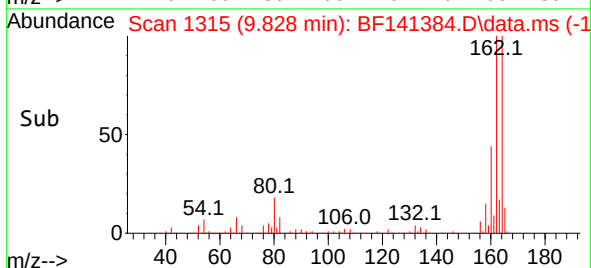
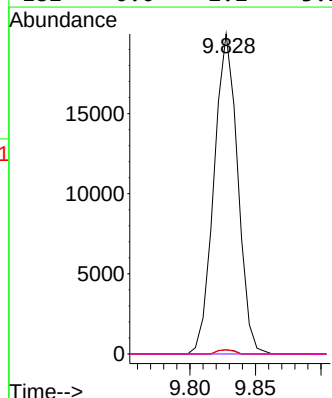
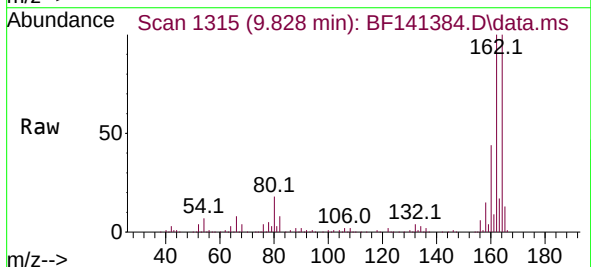
Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

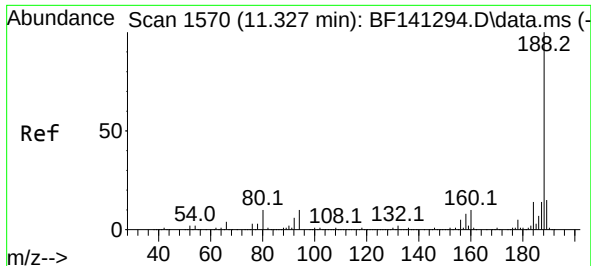
Tgt Ion:165 Resp: 25094
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.3 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.356 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:165 Resp: 25094
Ion Ratio Lower Upper
165 100
63 1.3 39.2 58.8#
89 1.3 56.9 85.3#
182 0.0 2.2 3.2#

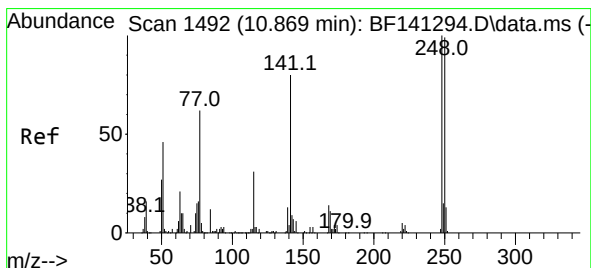
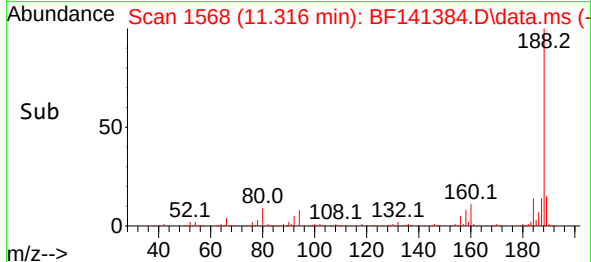
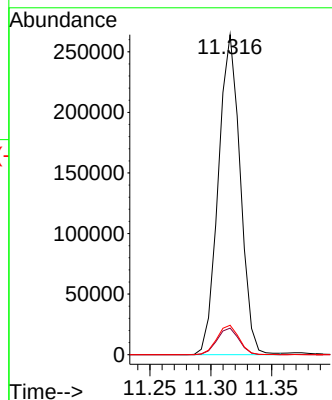
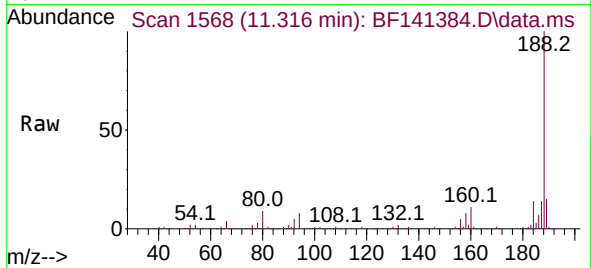




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

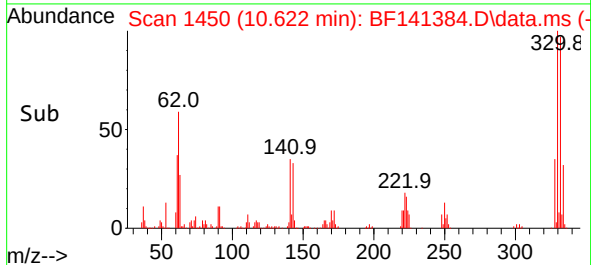
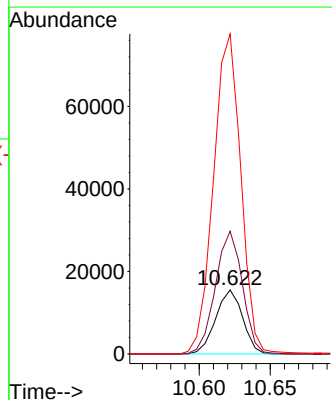
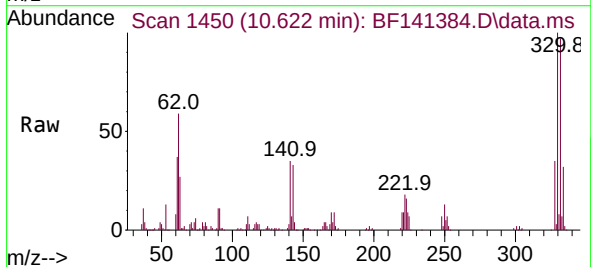
Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

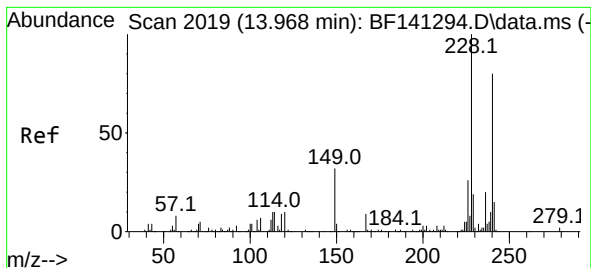
Tgt Ion:188 Resp: 330562
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.523 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:248 Resp: 20440
Ion Ratio Lower Upper
248 100
250 191.6 79.0 118.4#
141 499.4 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: BF141384.D

Acq: 03 Feb 2025 22:11

Instrument :

BNA_F

ClientSampleId :

JPP-51.1-012925

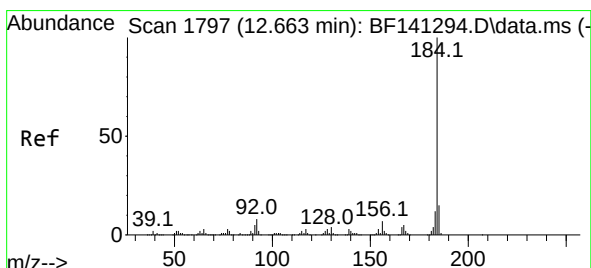
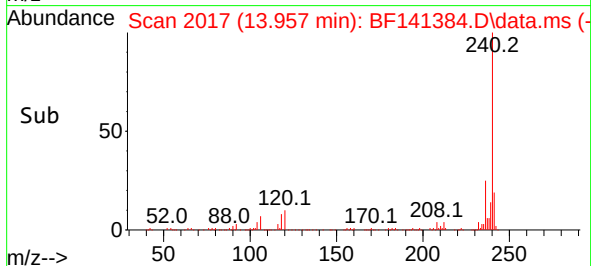
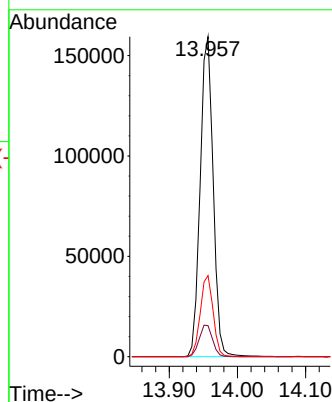
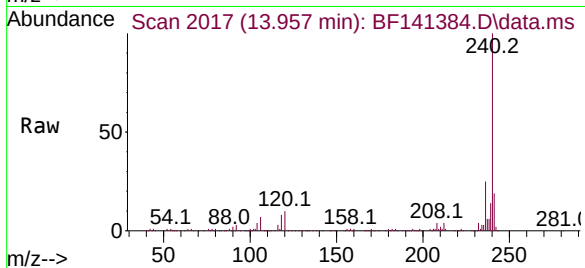
Tgt Ion:240 Resp: 210585

Ion Ratio Lower Upper

240 100

120 9.7 10.0 15.0#

236 25.4 19.7 29.5



#77

Benzidine

Concen: 2.790 ng

RT: 12.910 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF141384.D

Acq: 03 Feb 2025 22:11

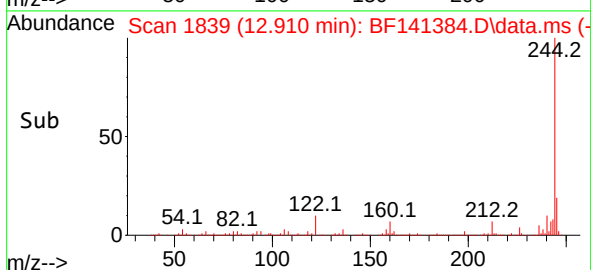
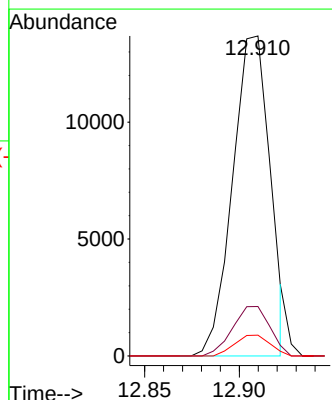
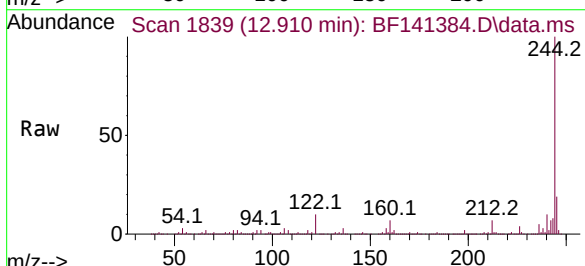
Tgt Ion:184 Resp: 18833

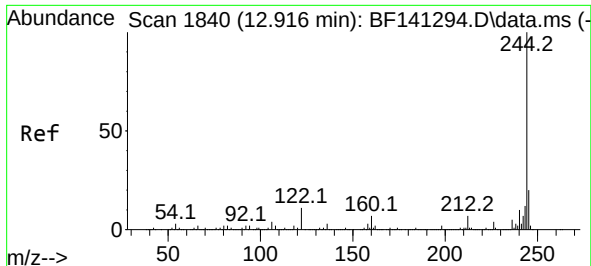
Ion Ratio Lower Upper

184 100

185 15.5 11.9 17.9

183 6.5 9.5 14.3#

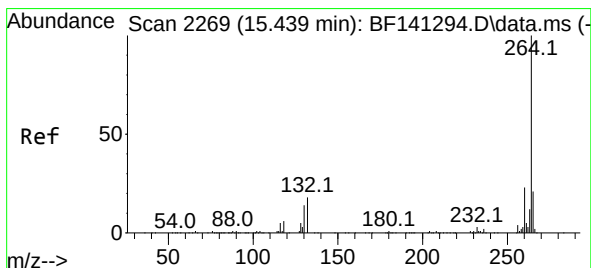
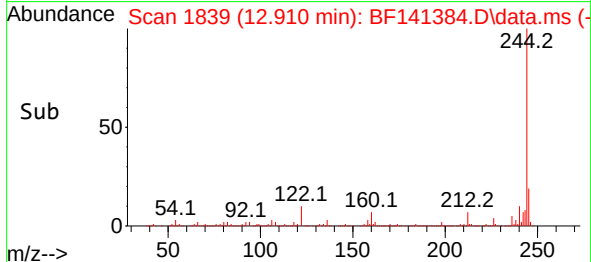
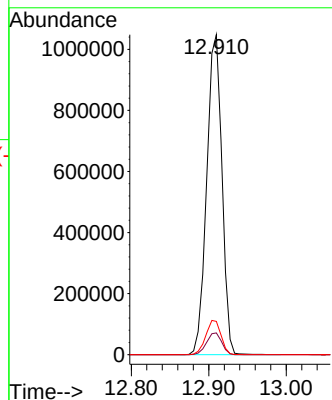
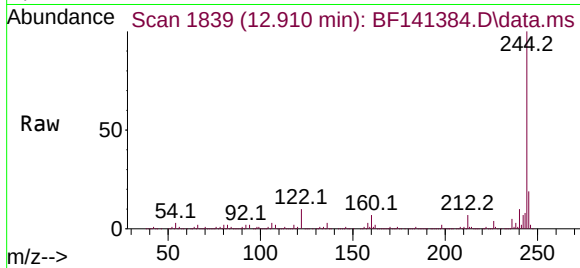




#79
 Terphenyl-d14
 Concen: 104.513 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141384.D
 Acq: 03 Feb 2025 22:11

Instrument :
 BNA_F
 ClientSampleId :
 JPP-51.1-012925

Tgt Ion:244 Resp: 1427125
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.035 min
 Lab File: BF141384.D
 Acq: 03 Feb 2025 22:11

Tgt Ion:264 Resp: 155102
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.0 16.7 25.1

