

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141449.D
 Acq On : 05 Feb 2025 16:16
 Operator : RC/JU
 Sample : Q1215-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825

Quant Time: Feb 05 17:00:51 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)

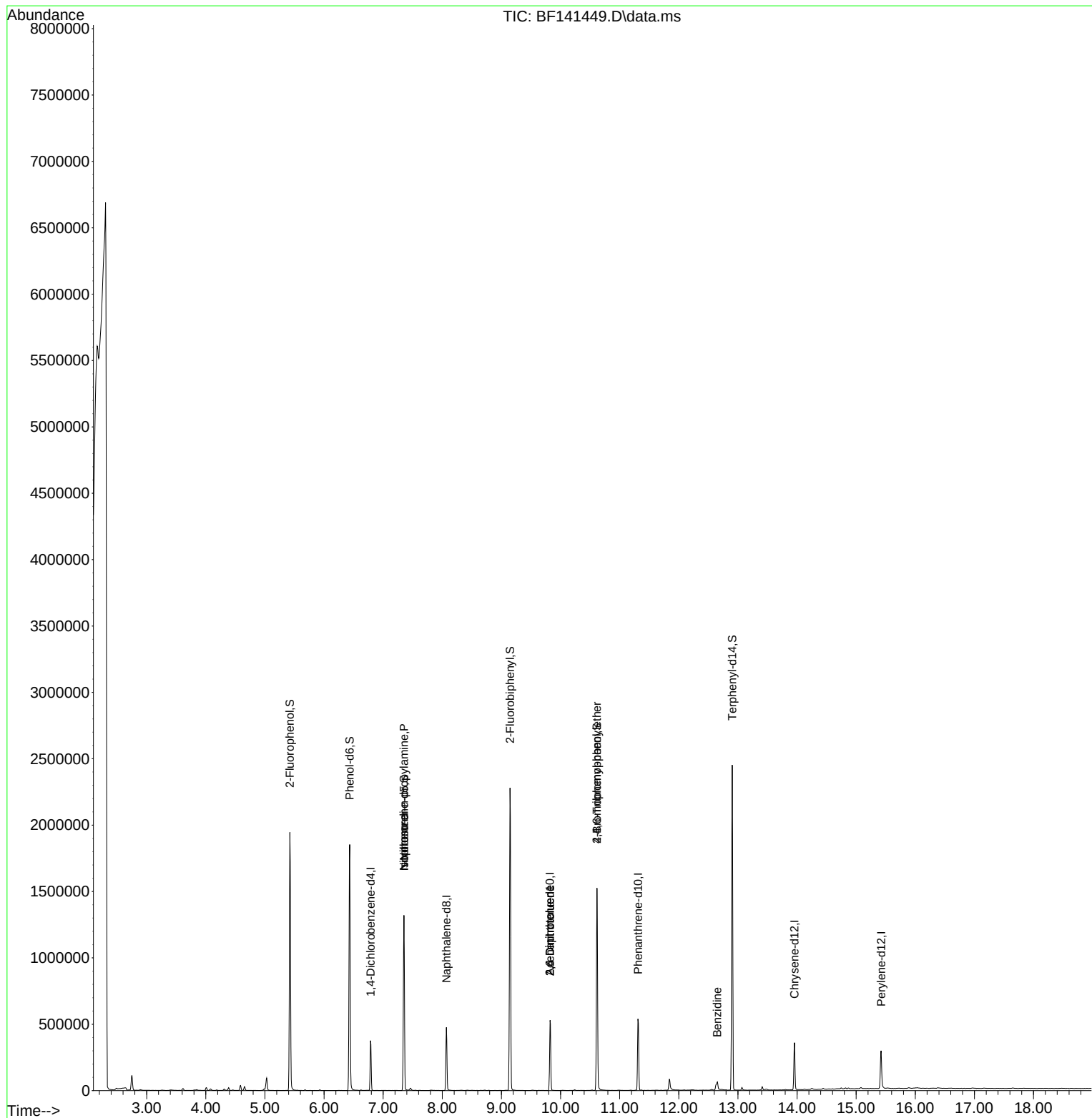
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	76013	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	297640	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	166130	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	280460	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	173213	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	172184	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	691023	139.563	ng	0.01
7) Phenol-d6	6.434	99	831189	131.961	ng	0.00
23) Nitrobenzene-d5	7.351	82	575902	102.001	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	247133	162.264	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1057406	97.968	ng	-0.02
79) Terphenyl-d14	12.904	244	1203248	107.130	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	79415	21.219	ng	# 76
25) Isophorone	7.351	82	572600	58.670	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	20899	8.022	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	20899	6.196	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	17032	5.424	ng	# 1
77) Benzidine	12.651	184	27536	4.959	ng	95

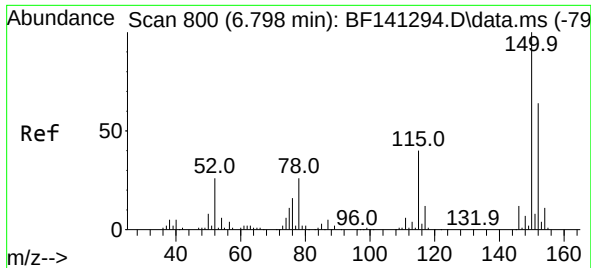
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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JPP-29.1-012825

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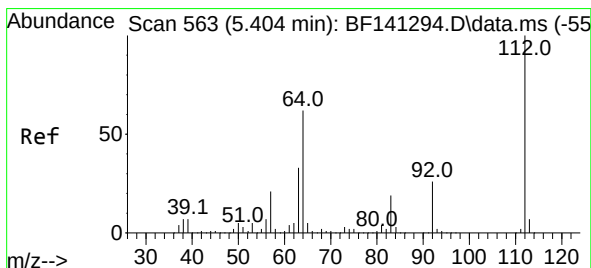
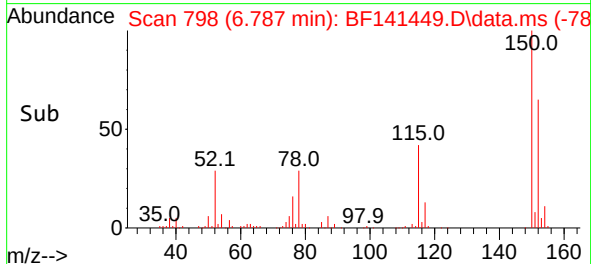
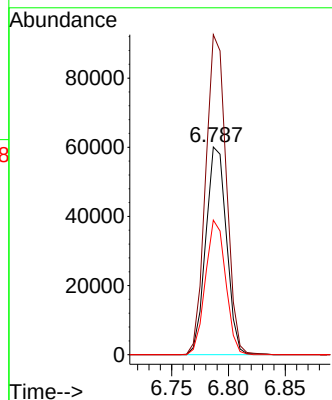
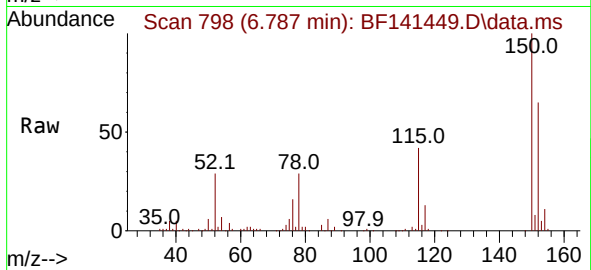




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

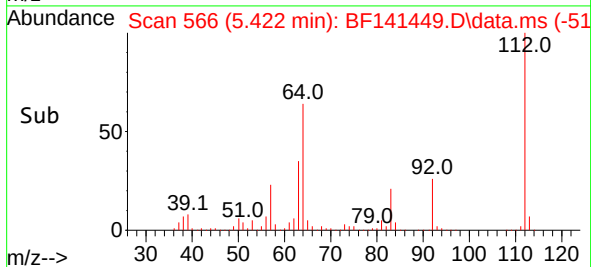
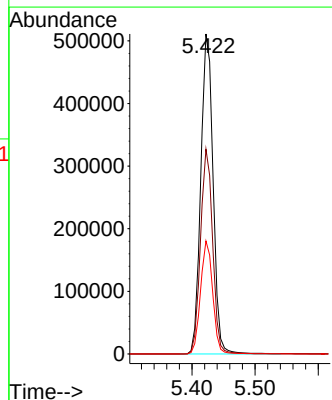
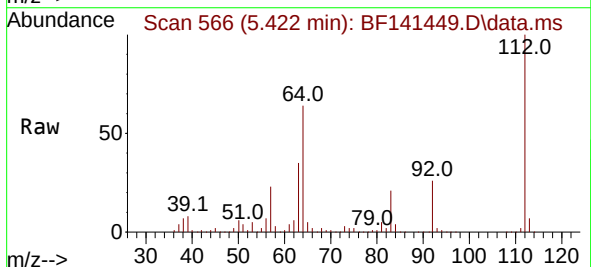
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

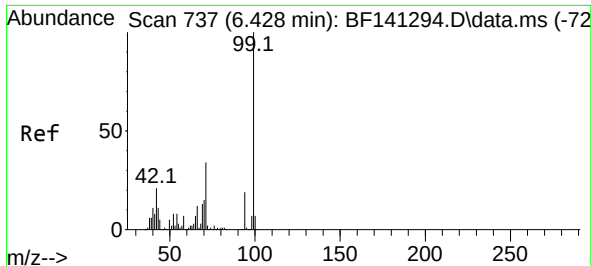
Tgt Ion:152 Resp: 76013
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 64.8 49.7 74.5



#5
2-Fluorophenol
Concen: 139.563 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

Tgt Ion:112 Resp: 691023
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 35.3 26.1 39.1

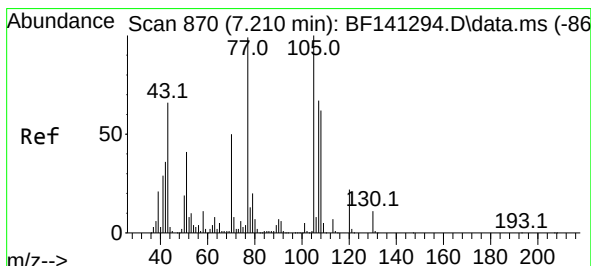
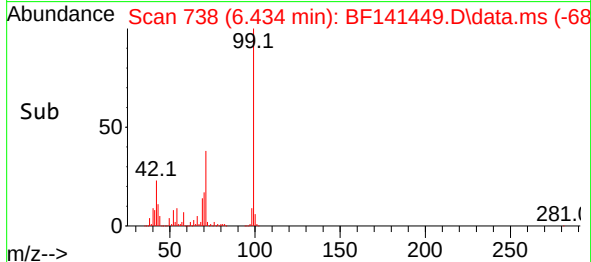
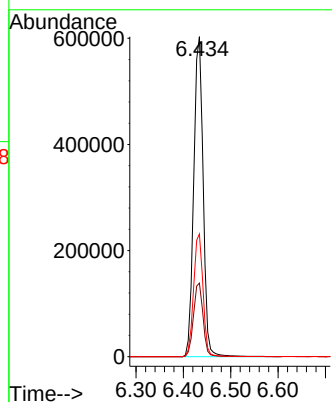
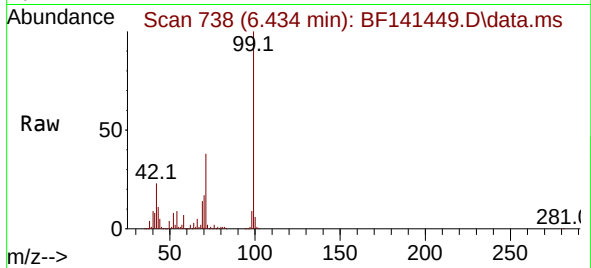




#7
Phenol-d6
Concen: 131.961 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

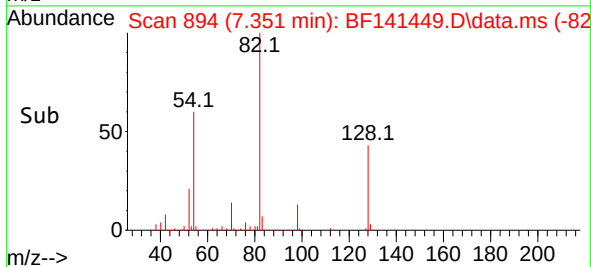
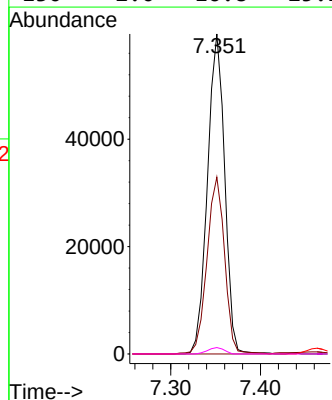
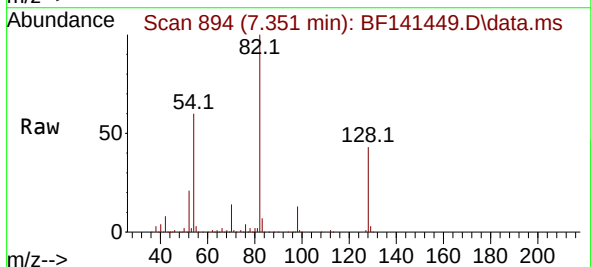
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

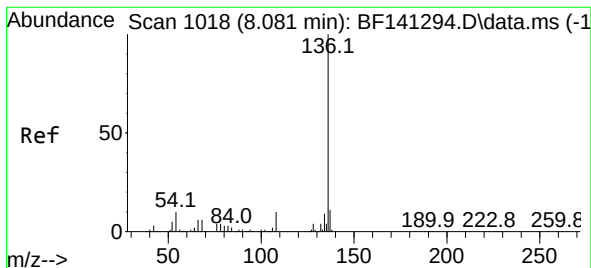
Tgt Ion: 99 Resp: 831189
Ion Ratio Lower Upper
99 100
42 23.0 17.1 25.7
71 38.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.219 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

Tgt Ion: 70 Resp: 79415
Ion Ratio Lower Upper
70 100
42 55.3 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: 8.069 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141449.D

Acq: 05 Feb 2025 16:16

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825

Tgt Ion:136 Resp: 297640

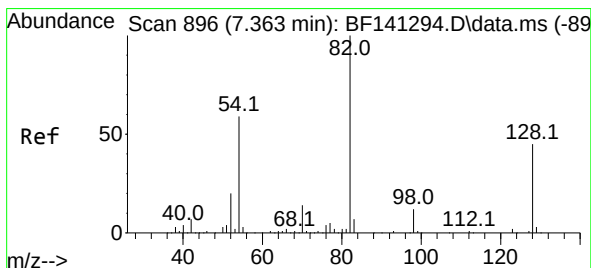
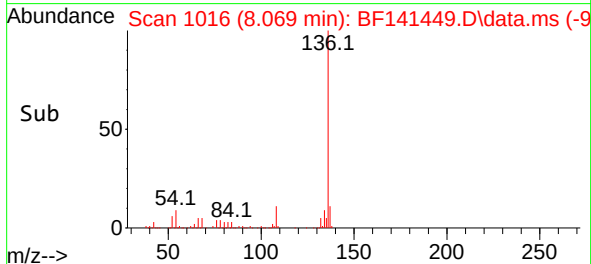
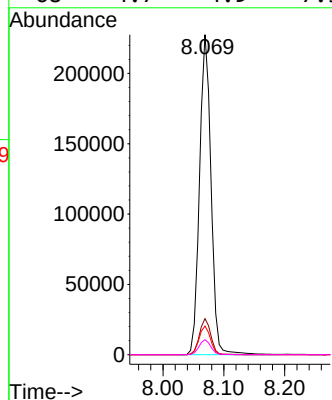
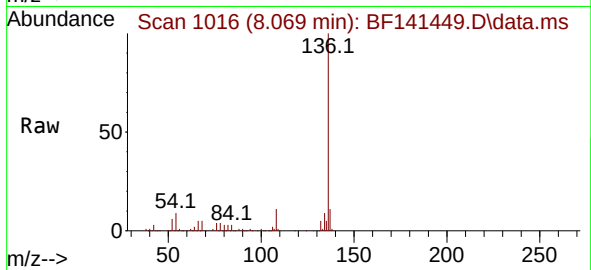
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.0 7.8 11.8

68 4.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 102.001 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141449.D

Acq: 05 Feb 2025 16:16

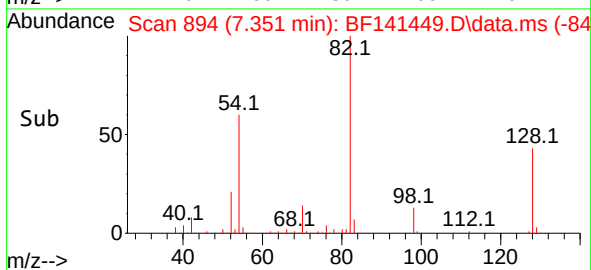
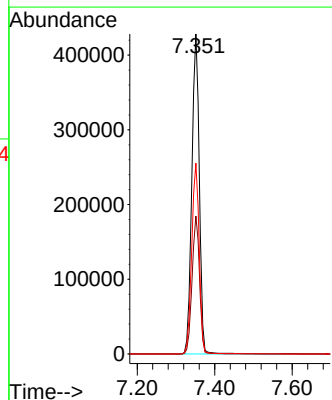
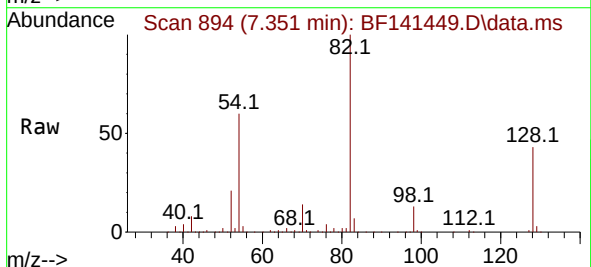
Tgt Ion: 82 Resp: 575902

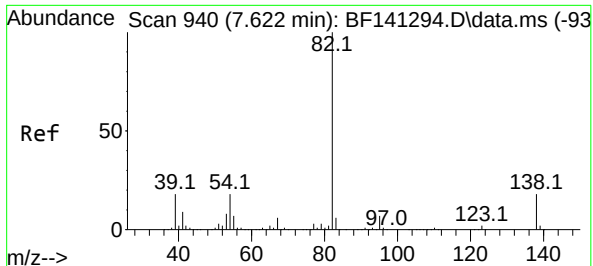
Ion Ratio Lower Upper

82 100

128 43.1 35.7 53.5

54 59.6 47.1 70.7

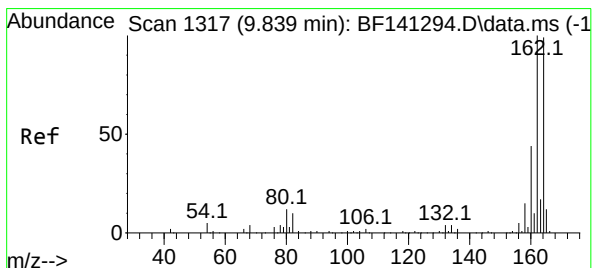
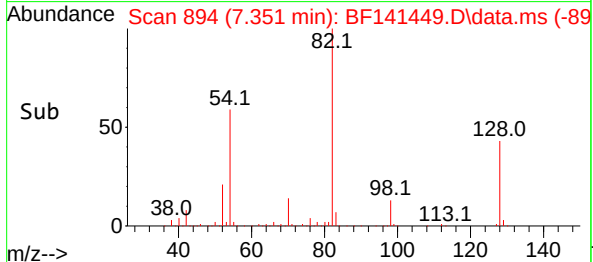
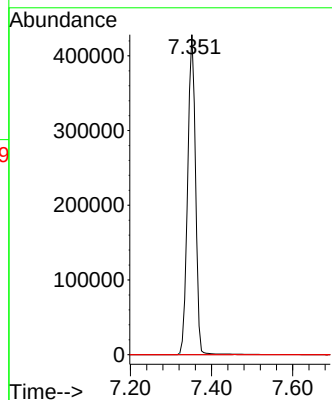
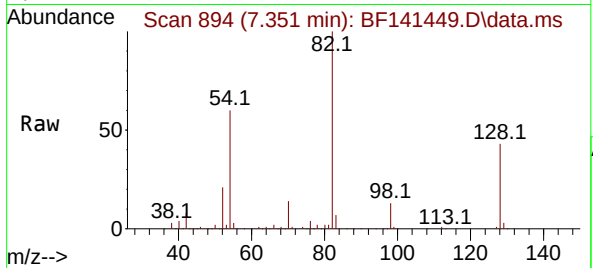




#25
Isophorone
Concen: 58.670 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

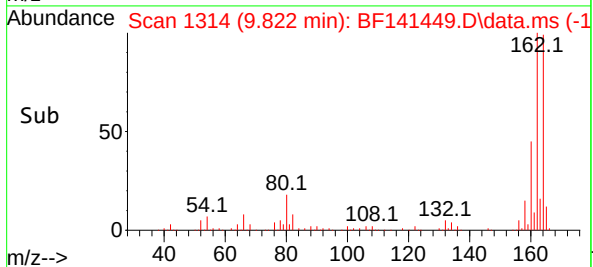
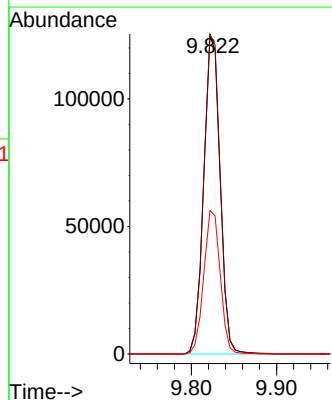
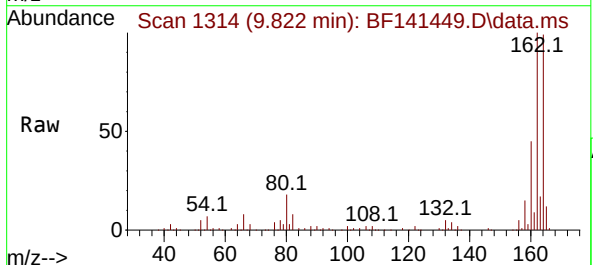
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

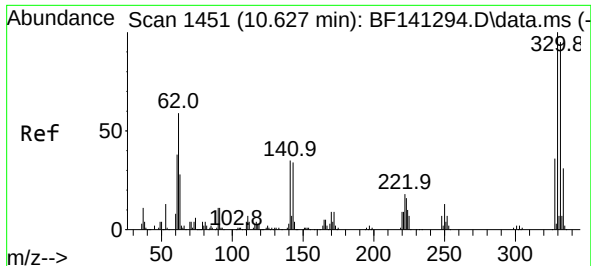
Tgt Ion: 82 Resp: 572600
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

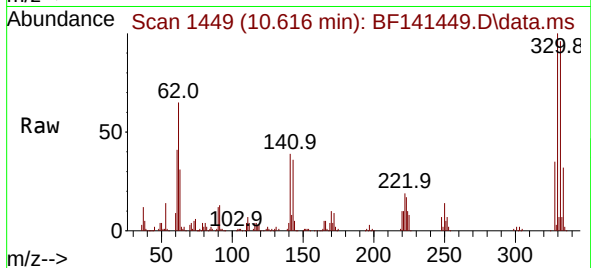
Tgt Ion:164 Resp: 166130
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.2 35.8 53.6



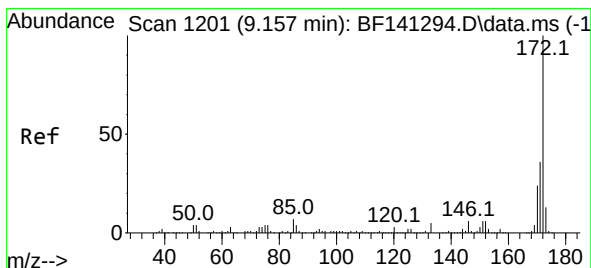
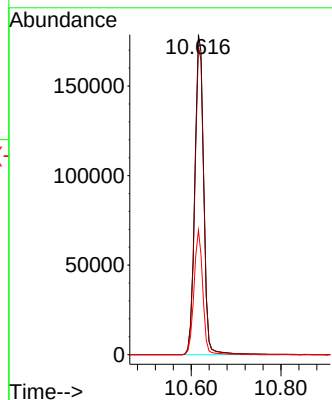
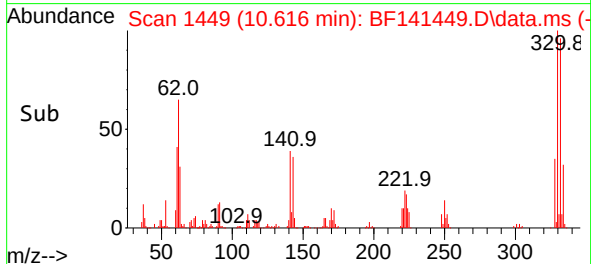


#42
 2,4,6-Tribromophenol
 Concen: 162.264 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. -0.018 min
 Lab File: BF141449.D
 Acq: 05 Feb 2025 16:16

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825

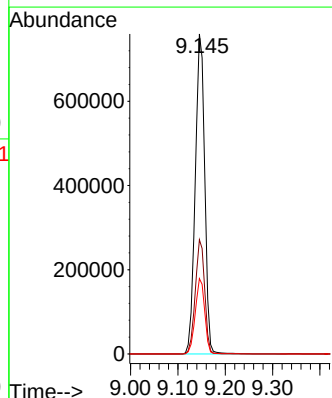
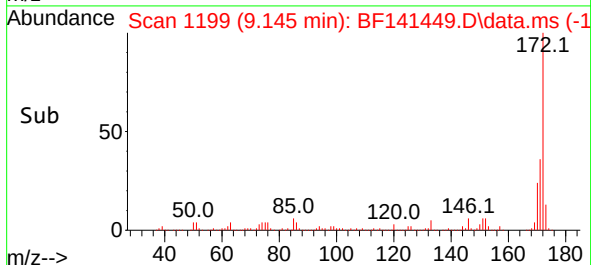
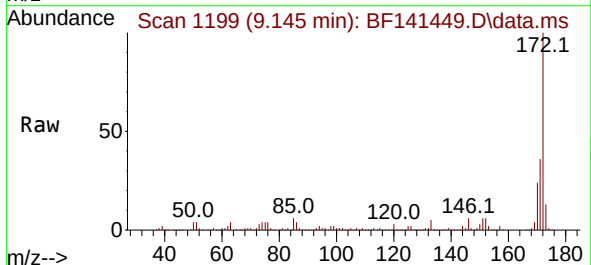


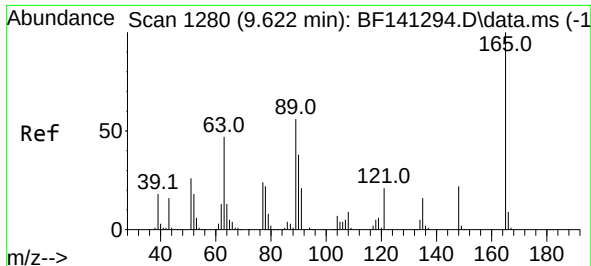
Tgt Ion: 330 Resp: 247133
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.1 114.1
 141 38.0 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 97.968 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. -0.018 min
 Lab File: BF141449.D
 Acq: 05 Feb 2025 16:16

Tgt Ion: 172 Resp: 1057406
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.022 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF141449.D

Acq: 05 Feb 2025 16:16

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825

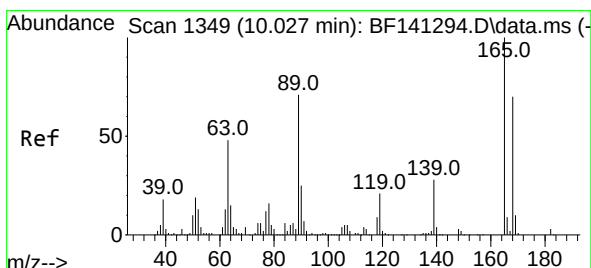
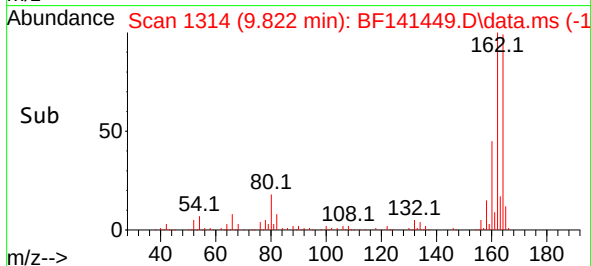
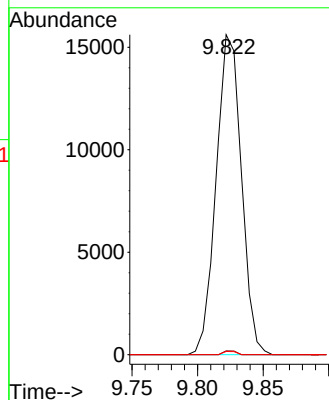
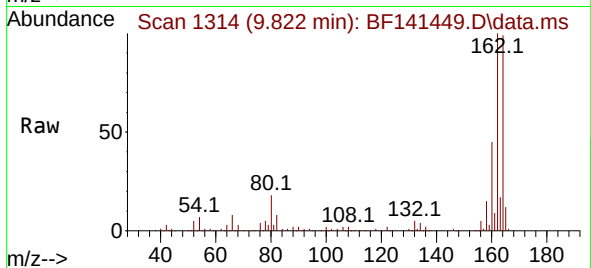
Tgt Ion:165 Resp: 20899

Ion Ratio Lower Upper

165 100

63 1.2 48.1 72.1#

89 1.0 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 6.196 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.212 min

Lab File: BF141449.D

Acq: 05 Feb 2025 16:16

Tgt Ion:165 Resp: 20899

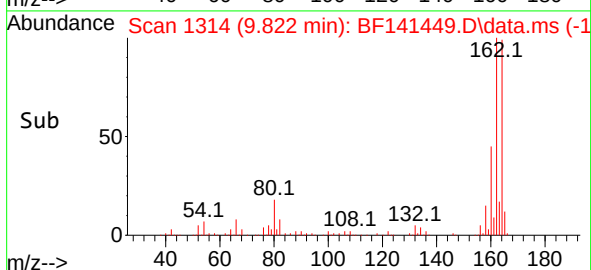
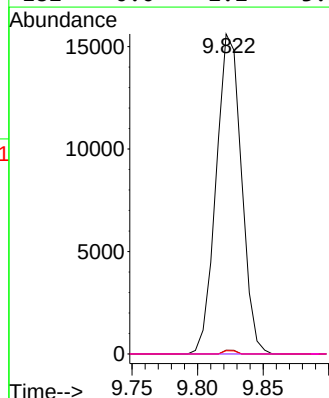
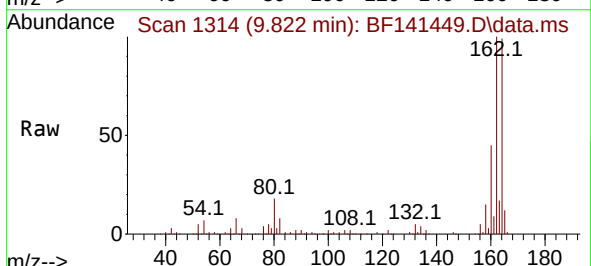
Ion Ratio Lower Upper

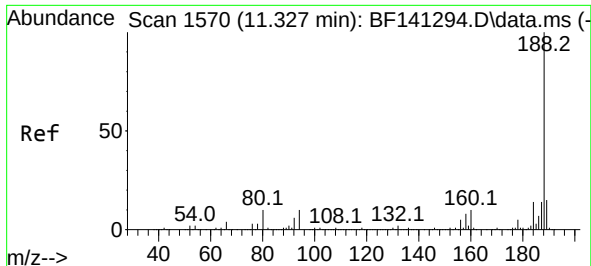
165 100

63 1.2 39.2 58.8#

89 1.0 56.9 85.3#

182 0.0 2.2 3.2#

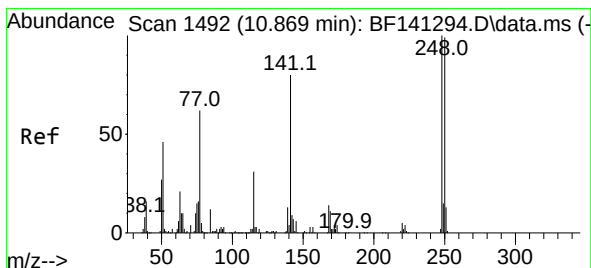
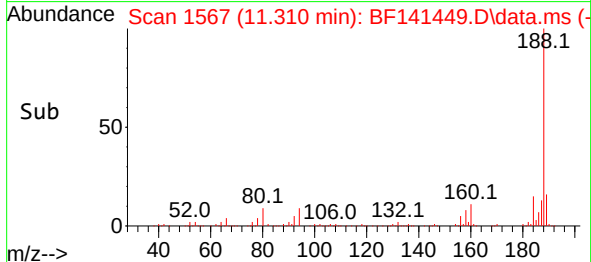
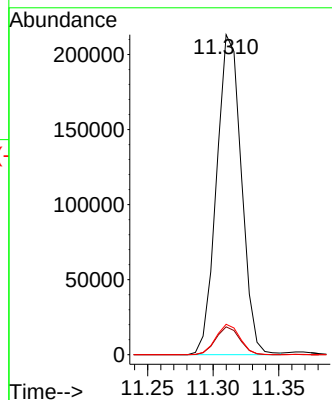
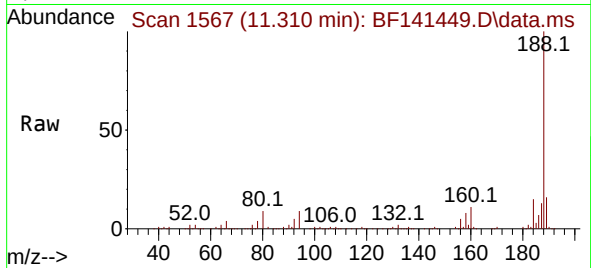




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

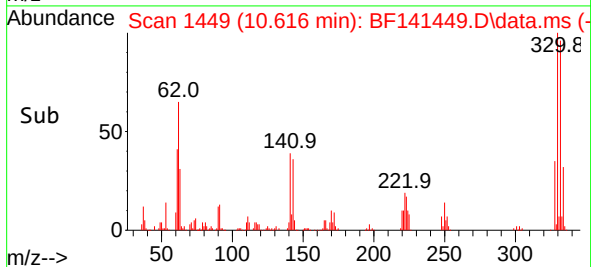
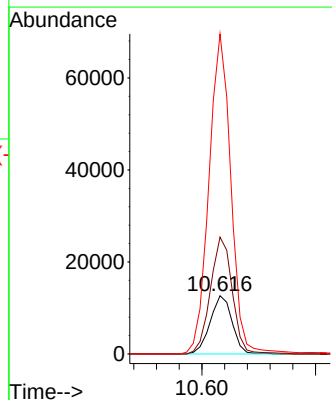
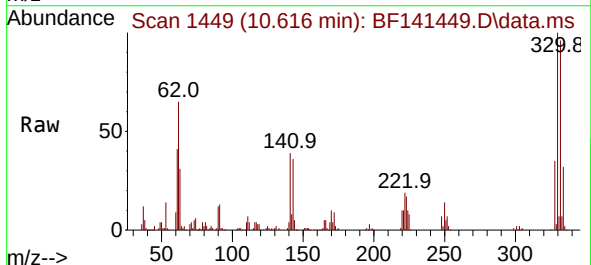
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

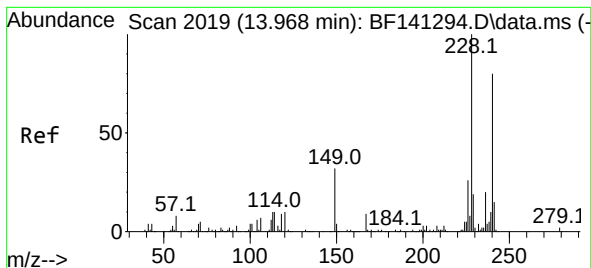
Tgt Ion:188 Resp: 280460
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.424 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141449.D
Acq: 05 Feb 2025 16:16

Tgt Ion:248 Resp: 17032
Ion Ratio Lower Upper
248 100
250 200.6 79.0 118.4#
141 549.6 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: BF141449.D

Acq: 05 Feb 2025 16:16

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825

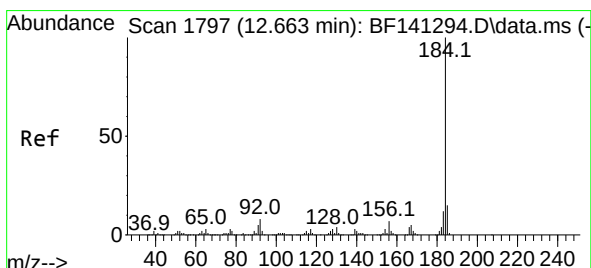
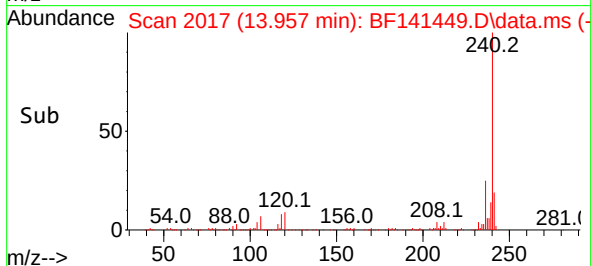
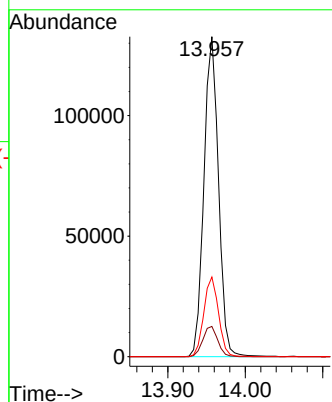
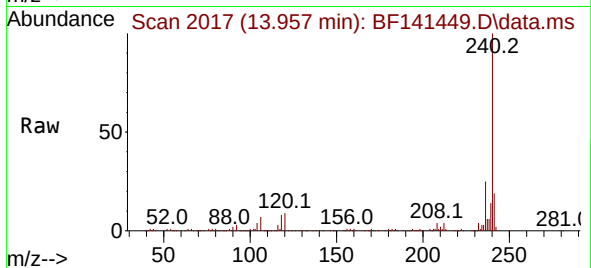
Tgt Ion:240 Resp: 173213

Ion Ratio Lower Upper

240 100

120 9.4 10.0 15.0#

236 24.9 19.7 29.5



#77

Benzidine

Concen: 4.959 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.012 min

Lab File: BF141449.D

Acq: 05 Feb 2025 16:16

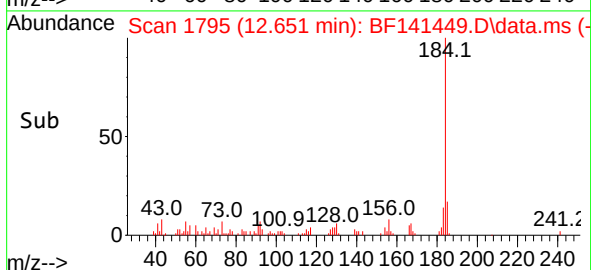
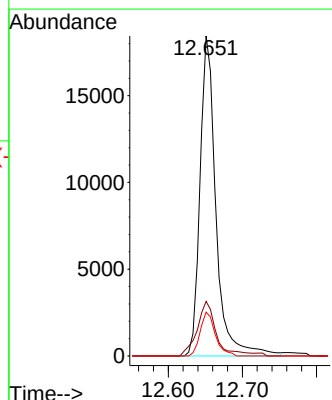
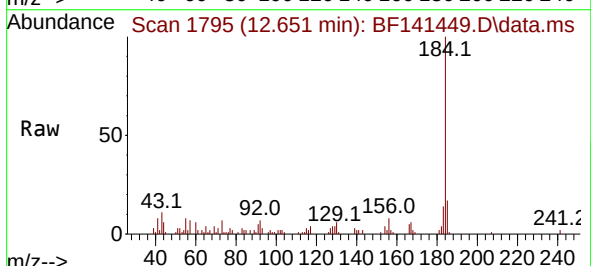
Tgt Ion:184 Resp: 27536

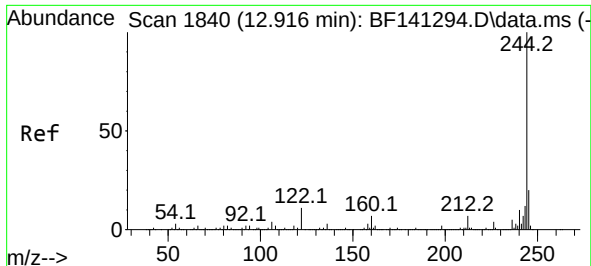
Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

183 13.7 9.5 14.3

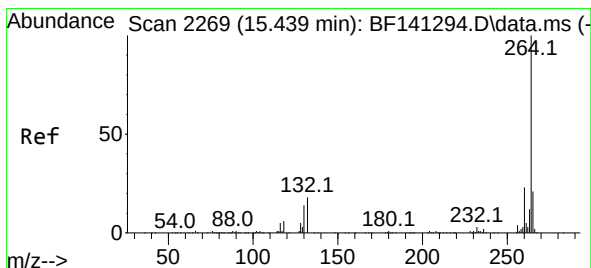
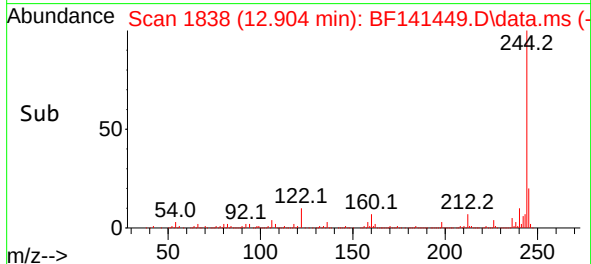
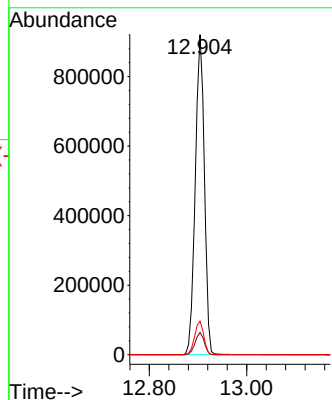
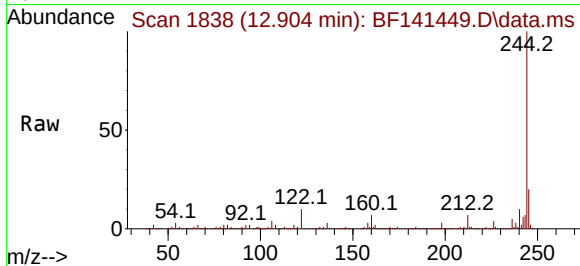




#79
 Terphenyl-d14
 Concen: 107.130 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141449.D
 Acq: 05 Feb 2025 16:16

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825

Tgt Ion:244 Resp: 1203248
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.5 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: BF141449.D
 Acq: 05 Feb 2025 16:16

Tgt Ion:264 Resp: 172184
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.8 16.7 25.1

