

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141379.D
 Acq On : 03 Feb 2025 19:57
 Operator : RC/JU
 Sample : Q1235-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.1-012925

Quant Time: Feb 04 00:18:48 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)

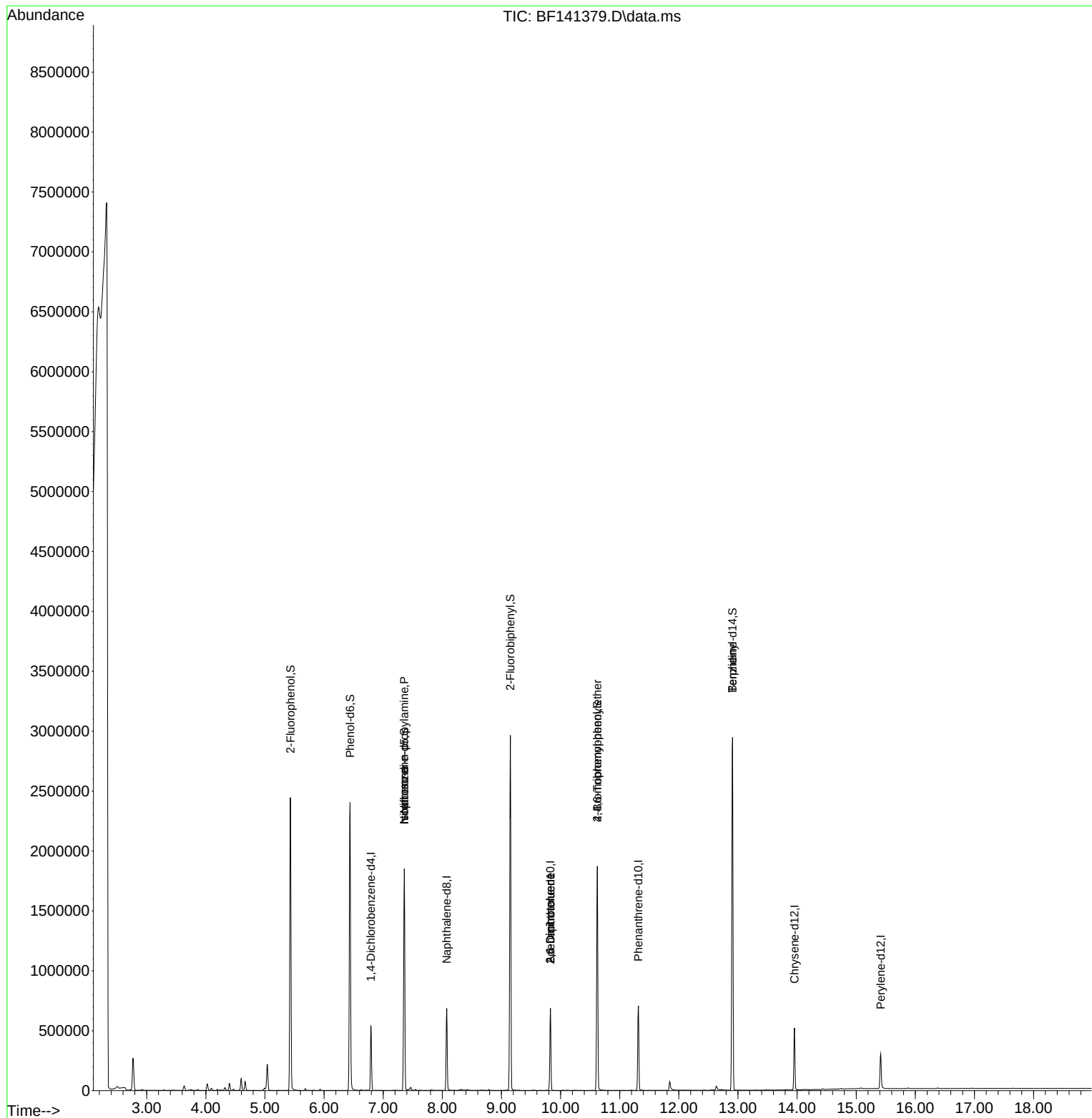
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	107174	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	436153	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	203707	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	355432	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	246834	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	169780	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	922971	132.210	ng	0.02
7) Phenol-d6	6.439	99	1138253	128.169	ng	0.00
23) Nitrobenzene-d5	7.357	82	837540	101.231	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	313714	167.984	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1359009	102.685	ng	-0.01
79) Terphenyl-d14	12.910	244	1537853	96.083	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	114658	21.728	ng	# 76
25) Isophorone	7.357	82	830674	58.082	ng	# 64
51) 2,6-Dinitrotoluene	9.827	165	25630	8.023	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	25630	6.197	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	22037	5.538	ng	# 1
77) Benzidine	12.910	184	20324	2.568	ng	# 93

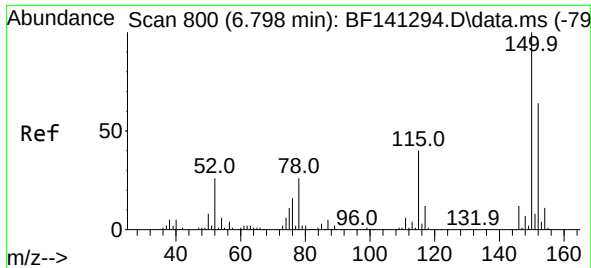
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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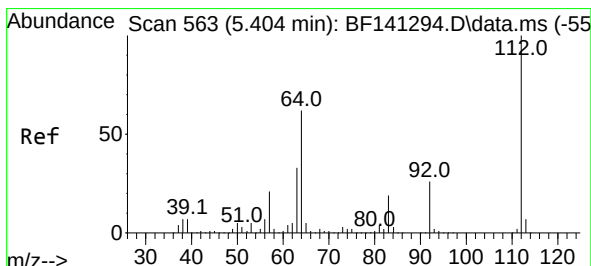
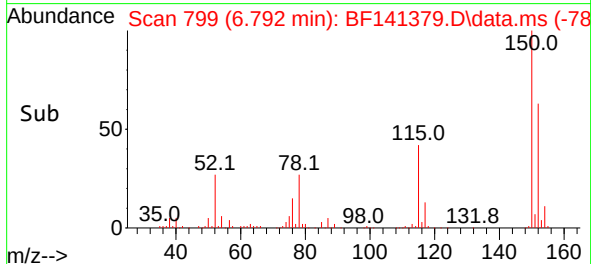
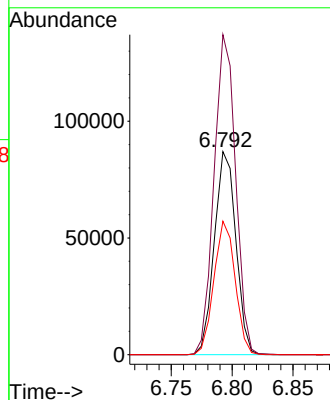
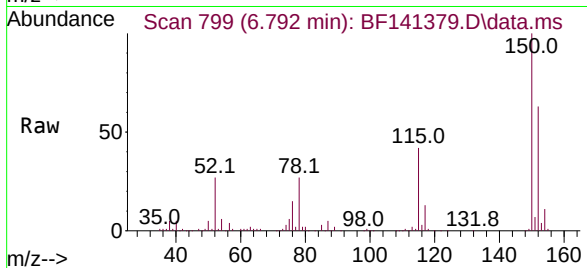




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

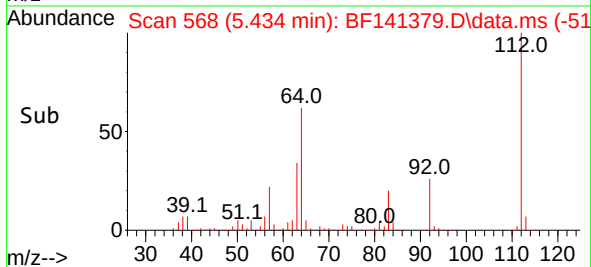
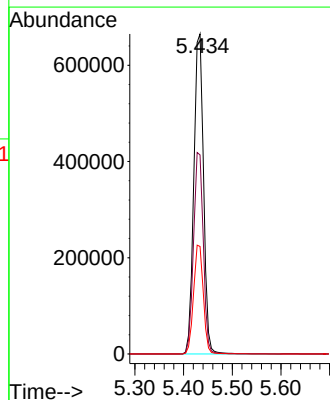
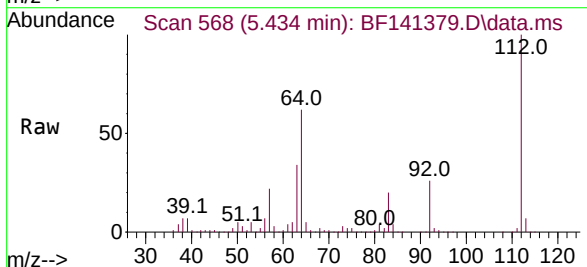
Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

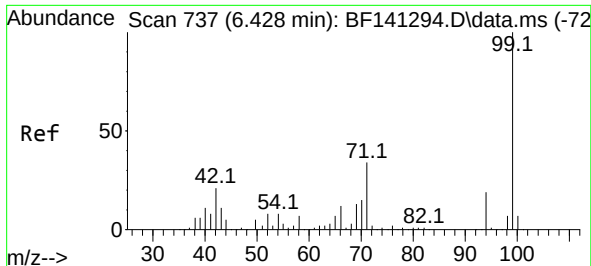
Tgt Ion:152 Resp: 107174
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 65.7 49.7 74.5



#5
2-Fluorophenol
Concen: 132.210 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.023 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Tgt Ion:112 Resp: 922971
Ion Ratio Lower Upper
112 100
64 62.2 49.8 74.8
63 33.6 26.1 39.1

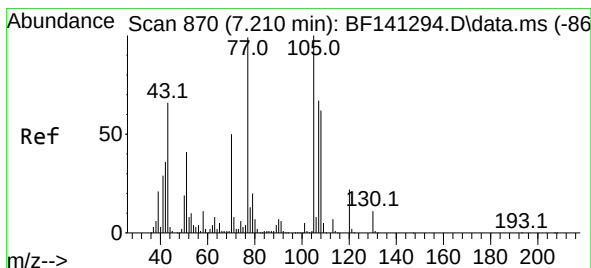
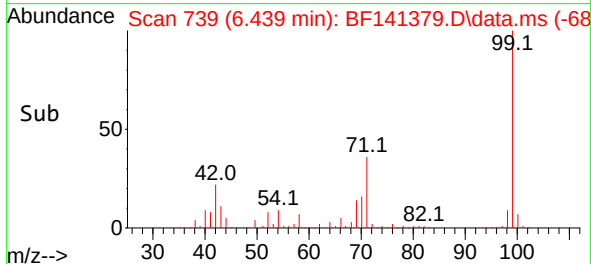
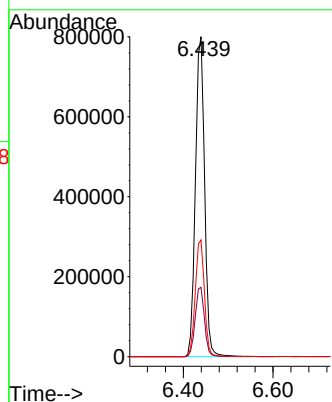
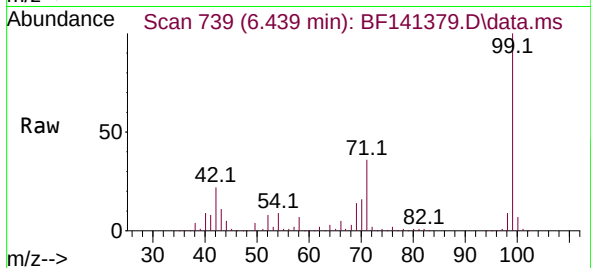




#7
Phenol-d6
Concen: 128.169 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

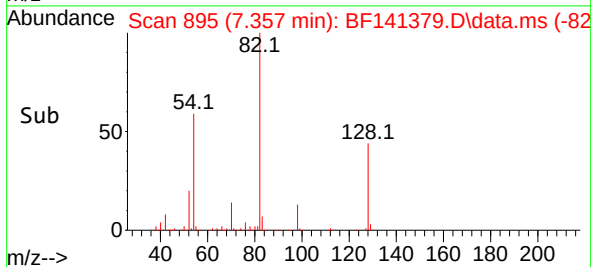
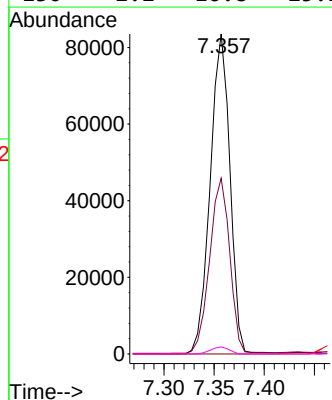
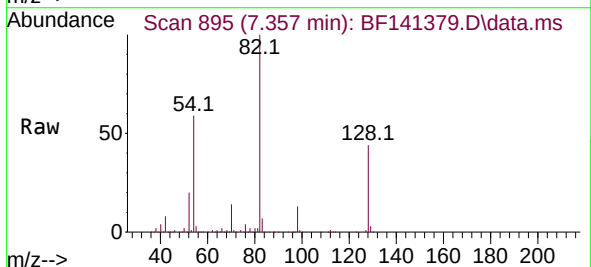
Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

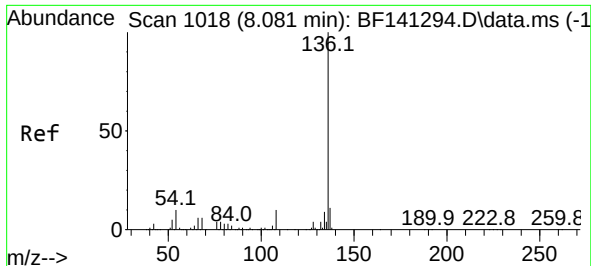
Tgt Ion: 99 Resp: 1138253
Ion Ratio Lower Upper
99 100
42 21.7 17.1 25.7
71 36.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.728 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Tgt Ion: 70 Resp: 114658
Ion Ratio Lower Upper
70 100
42 54.9 56.8 85.2#
101 0.0 7.7 11.5#
130 2.2 16.8 25.2#



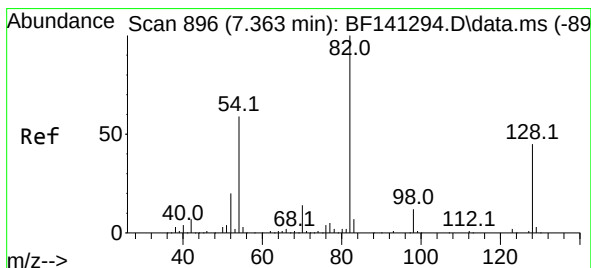
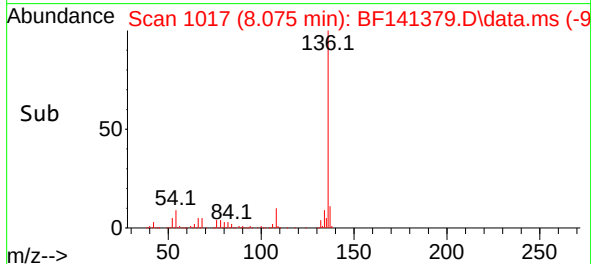
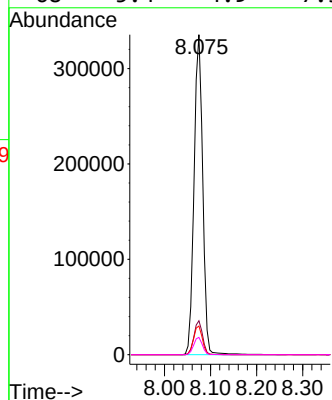
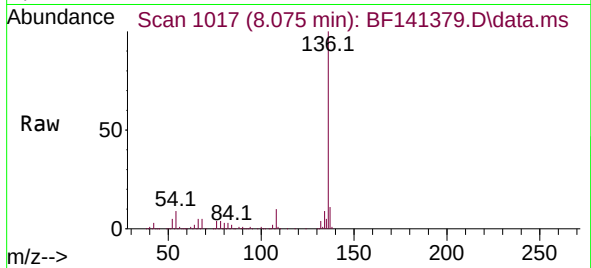


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

Tgt Ion:136 Resp: 436153

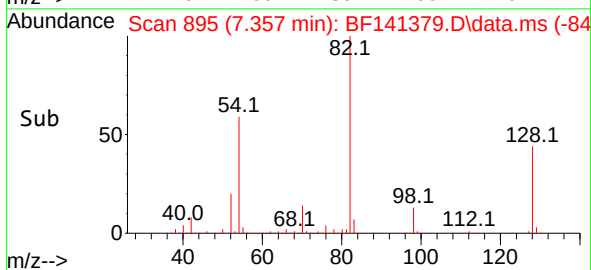
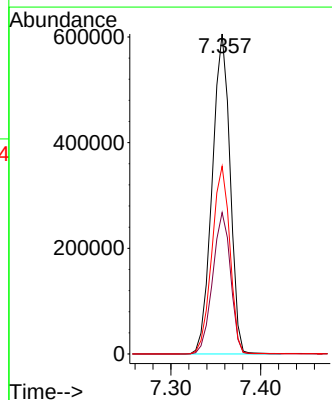
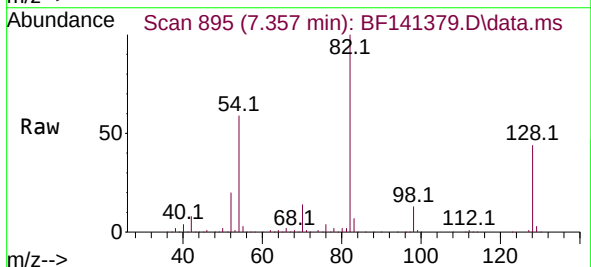
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.0	7.8	11.8
68	5.4	4.9	7.3

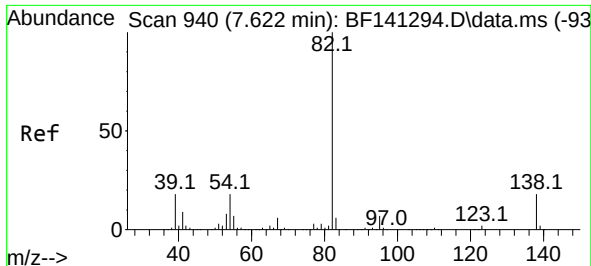


#23
Nitrobenzene-d5
Concen: 101.231 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Tgt Ion: 82 Resp: 837540

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.7	47.1	70.7

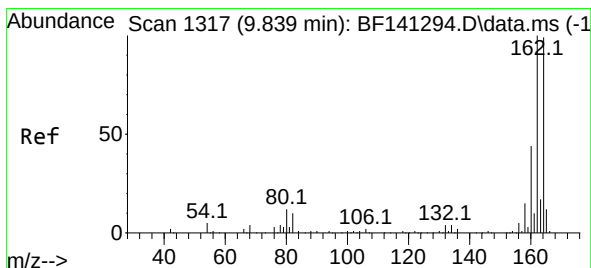
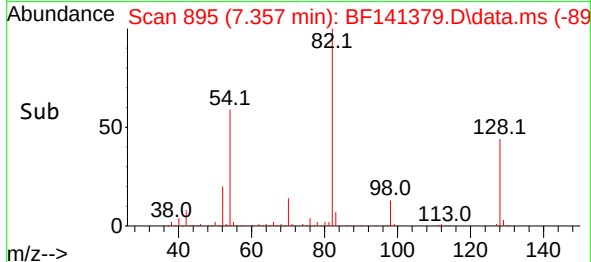
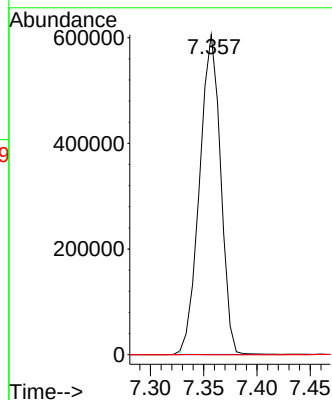
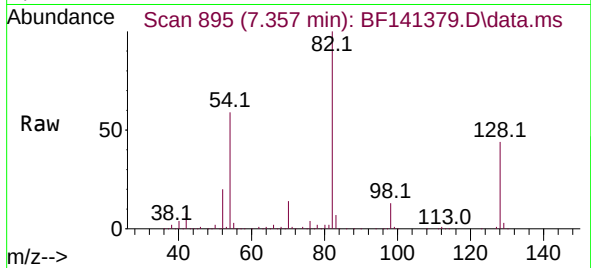




#25
Isophorone
Concen: 58.082 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

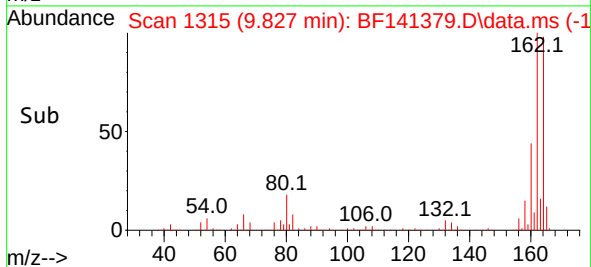
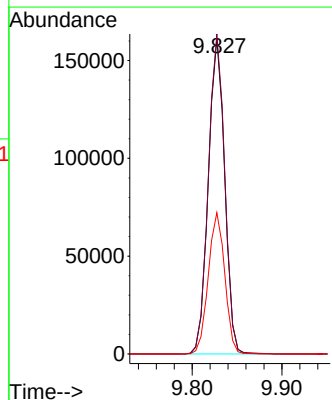
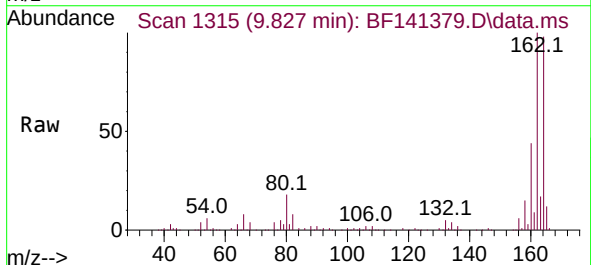
Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

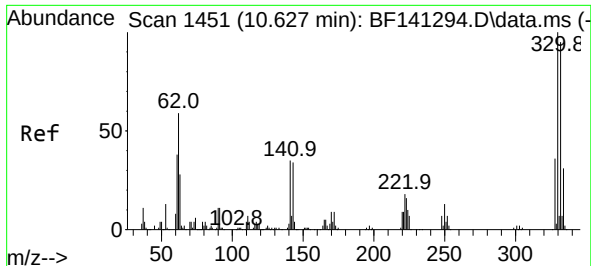
Tgt Ion: 82 Resp: 830674
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Tgt Ion:164 Resp: 203707
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 167.984 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141379.D

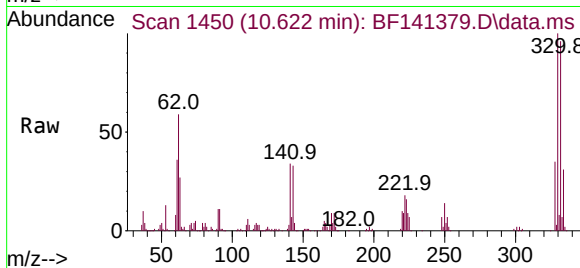
Acq: 03 Feb 2025 19:57

Instrument :

BNA_F

ClientSampleId :

JPP-16.1-012925



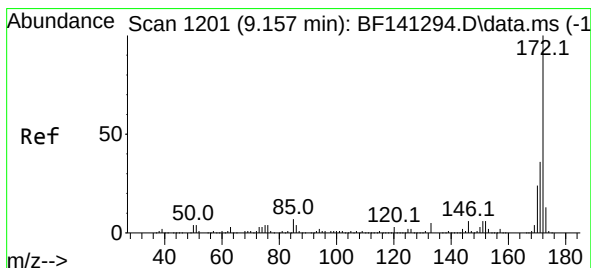
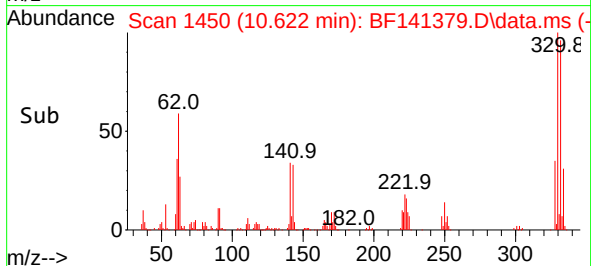
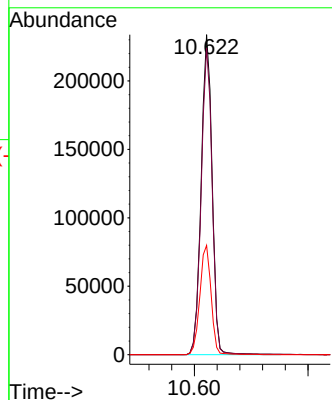
Tgt Ion:330 Resp: 313714

Ion Ratio Lower Upper

330 100

332 95.7 76.1 114.1

141 35.1 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 102.685 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141379.D

Acq: 03 Feb 2025 19:57

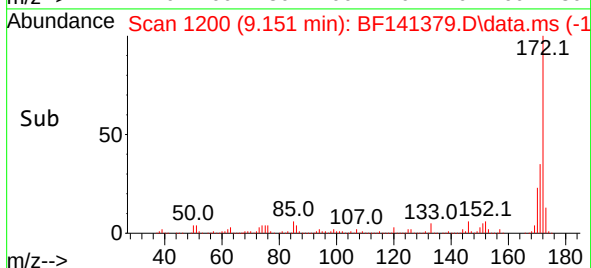
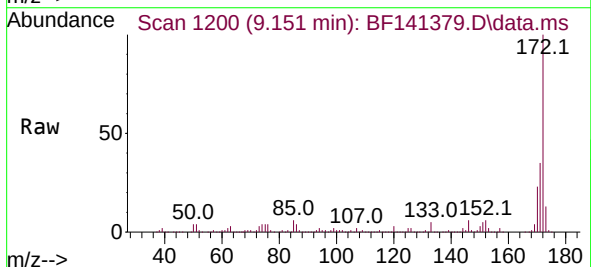
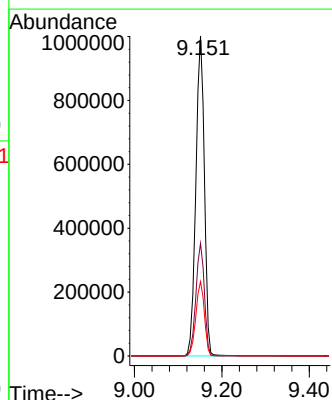
Tgt Ion:172 Resp: 1359009

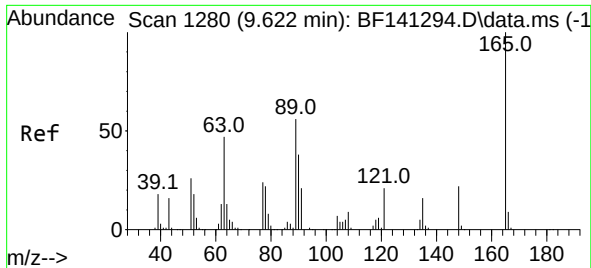
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 19.0 28.6

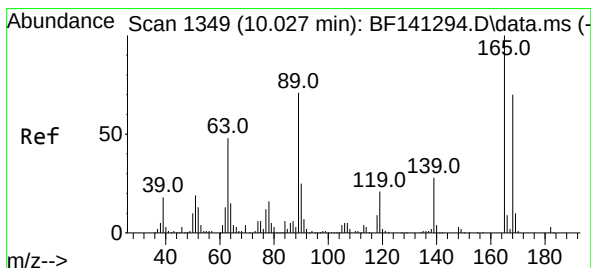
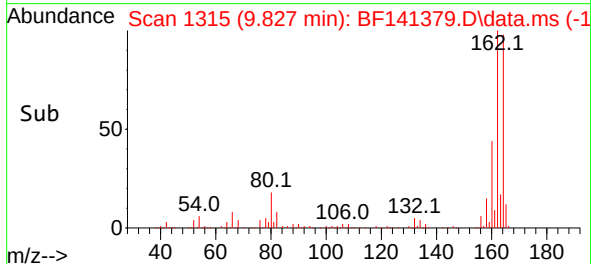
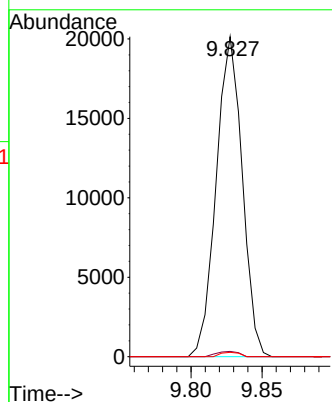
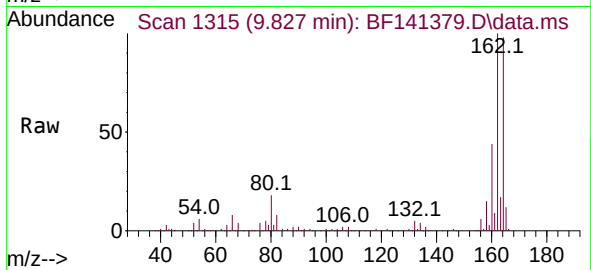




#51
2,6-Dinitrotoluene
Concen: 8.023 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

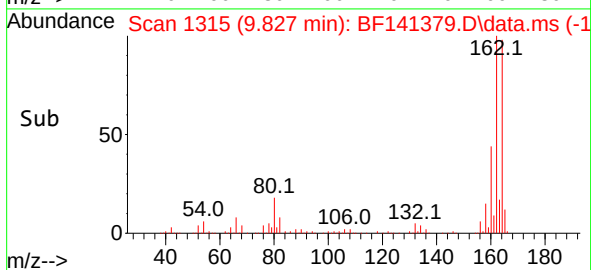
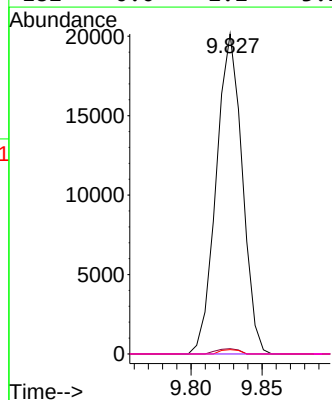
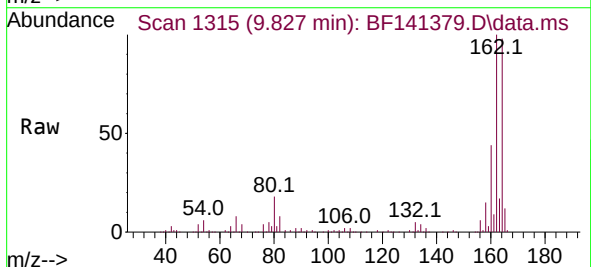
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BNA_F
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JPP-16.1-012925

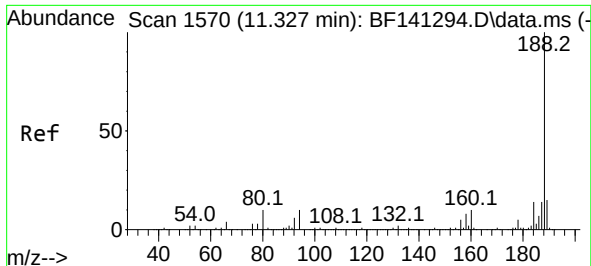
Tgt Ion:165 Resp: 25630
Ion Ratio Lower Upper
165 100
63 1.7 48.1 72.1#
89 1.4 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.197 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Tgt Ion:165 Resp: 25630
Ion Ratio Lower Upper
165 100
63 1.7 39.2 58.8#
89 1.4 56.9 85.3#
182 0.0 2.2 3.2#

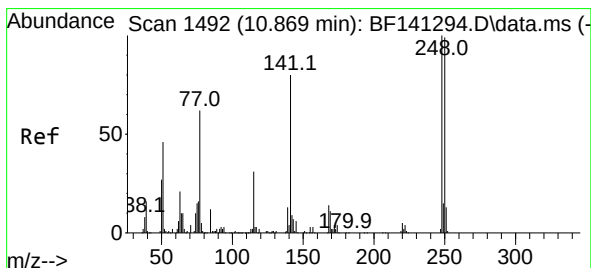
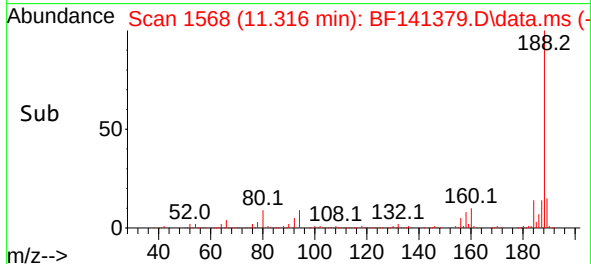
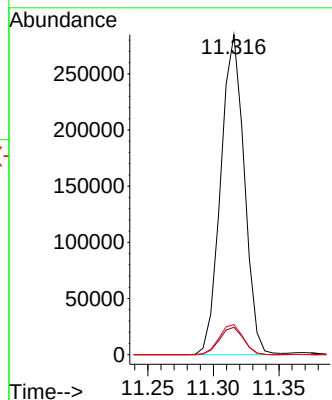
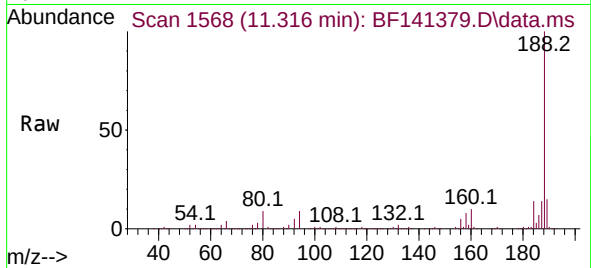




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

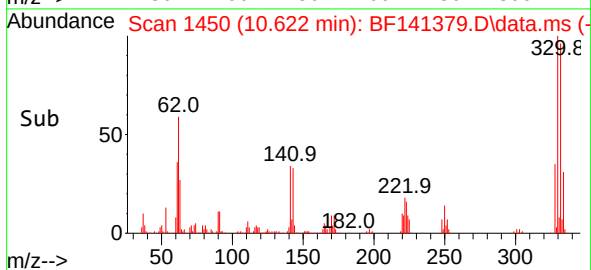
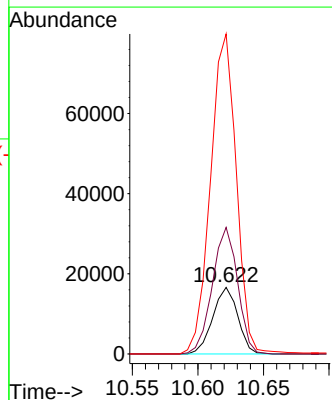
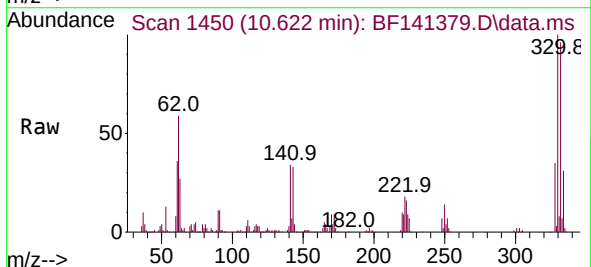
Instrument :
BNA_F
ClientSampleId :
JPP-16.1-012925

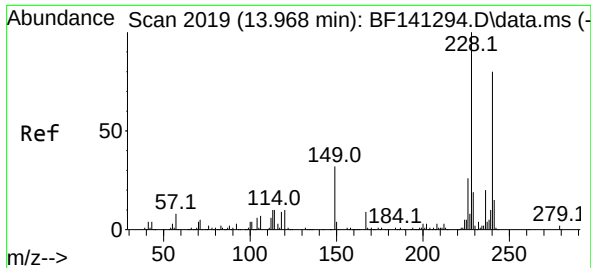
Tgt Ion:188 Resp: 355432
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.538 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Tgt Ion:248 Resp: 22037
Ion Ratio Lower Upper
248 100
250 189.8 79.0 118.4#
141 480.2 63.7 95.5#

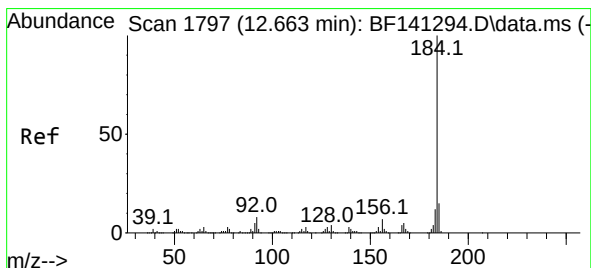
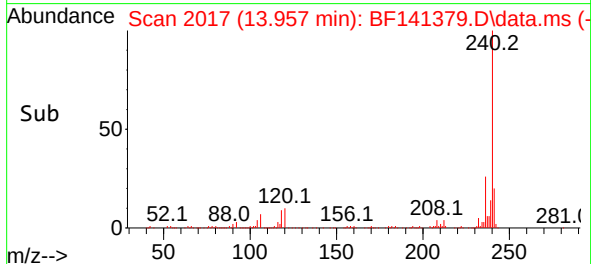
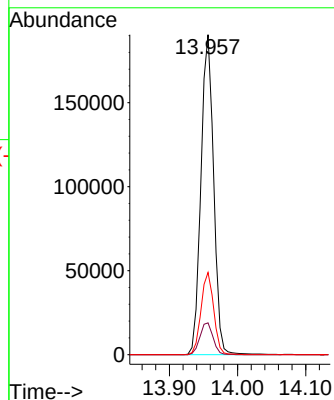
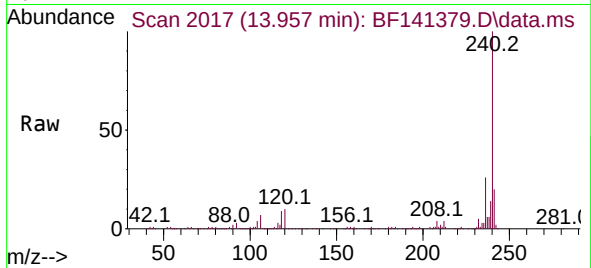




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

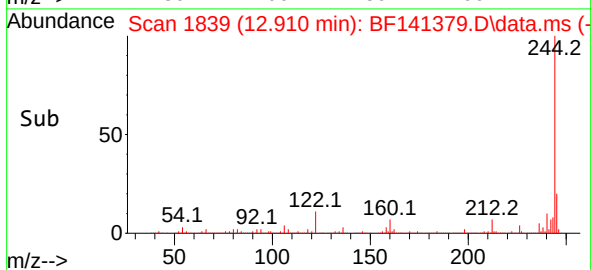
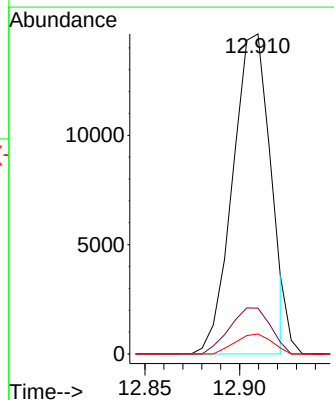
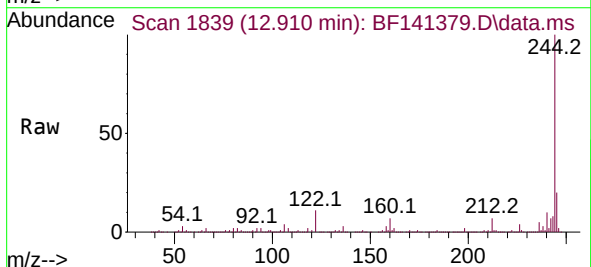
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BNA_F
ClientSampleId :
JPP-16.1-012925

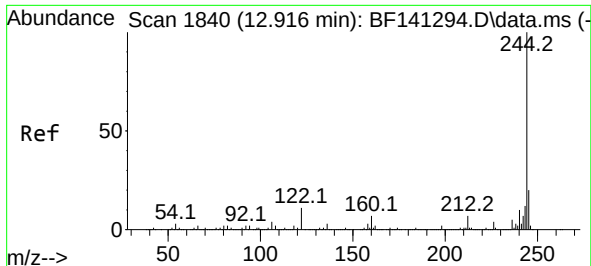
Tgt Ion:240 Resp: 246834
Ion Ratio Lower Upper
240 100
120 9.9 10.0 15.0#
236 25.7 19.7 29.5



#77
Benzidine
Concen: 2.568 ng
RT: 12.910 min Scan# 1839
Delta R.T. 0.247 min
Lab File: BF141379.D
Acq: 03 Feb 2025 19:57

Tgt Ion:184 Resp: 20324
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 6.2 9.5 14.3#

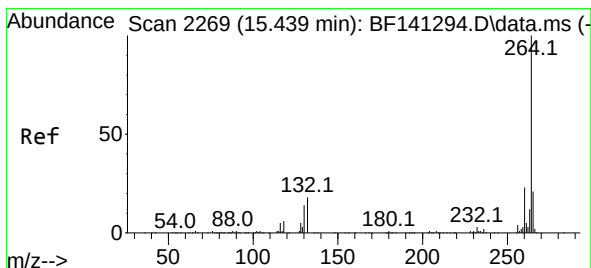
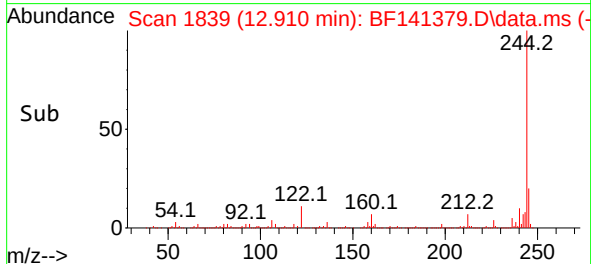
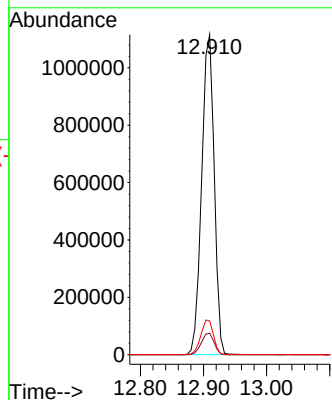
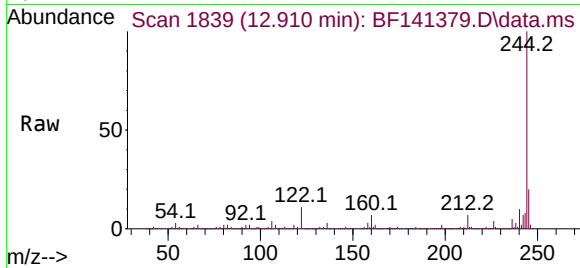




#79
 Terphenyl-d14
 Concen: 96.083 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141379.D
 Acq: 03 Feb 2025 19:57

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.1-012925

Tgt Ion:244 Resp: 1537853
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141379.D
 Acq: 03 Feb 2025 19:57

Tgt Ion:264 Resp: 169780
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.6 16.7 25.1

