

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141377.D
 Acq On : 03 Feb 2025 19:04
 Operator : RC/JU
 Sample : Q1216-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.2-012825

Quant Time: Feb 04 00:18:14 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)

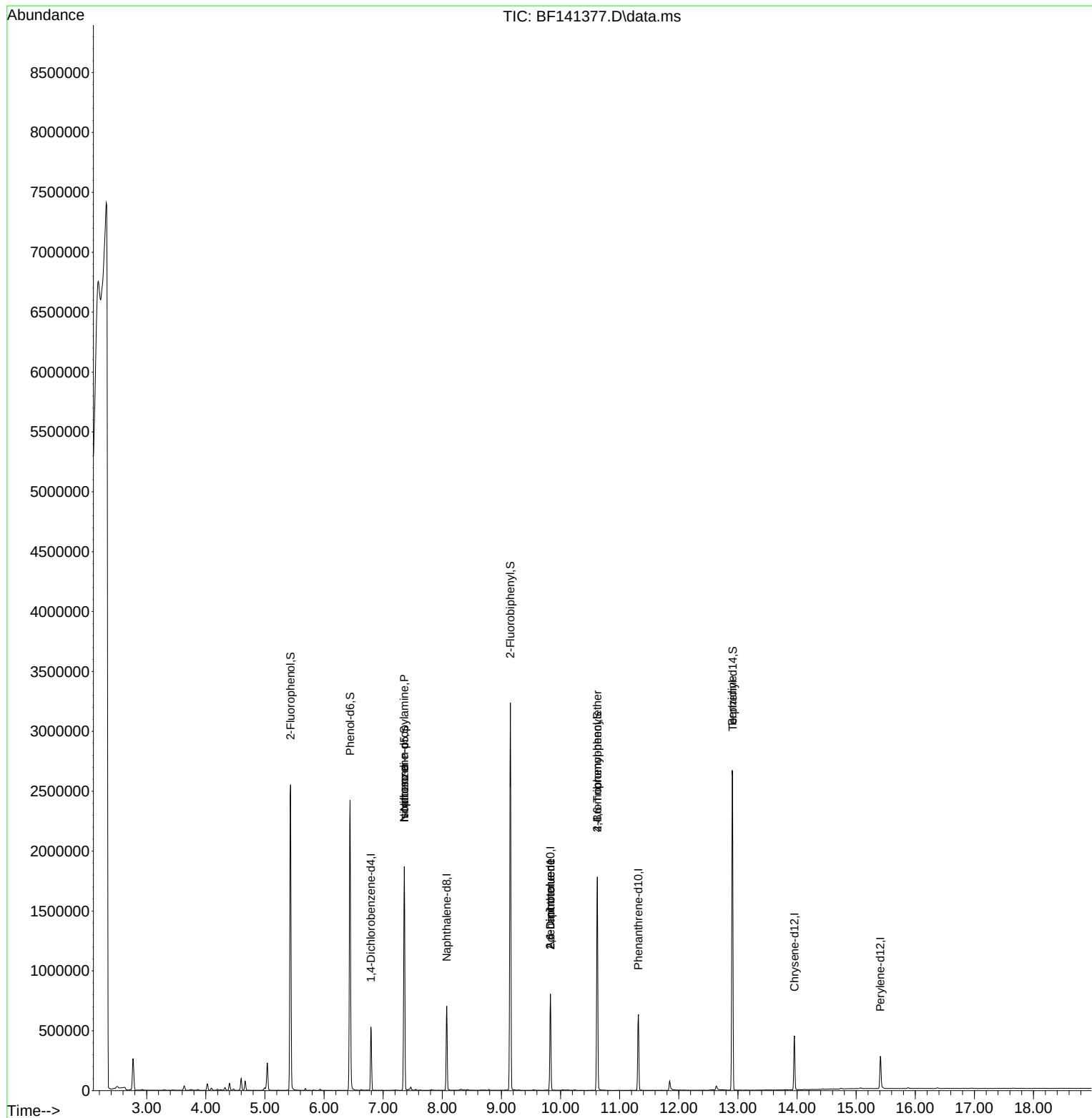
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	107263	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	439549	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	235703	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	317470	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	220783	20.000	ng	-0.02
86) Perylene-d12	15.410	264	155960	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	952789	136.368	ng	0.02
7) Phenol-d6	6.440	99	1133060	127.479	ng	0.00
23) Nitrobenzene-d5	7.357	82	847357	101.626	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	294457	136.269	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1459350	95.299	ng	-0.01
79) Terphenyl-d14	12.910	244	1377262	96.203	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	114441	21.669	ng	# 76
25) Isophorone	7.357	82	839408	58.240	ng	# 64
51) 2,6-Dinitrotoluene	9.828	165	30918	8.365	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	30918	6.461	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	20419	5.745	ng	# 1
77) Benzidine	12.904	184	18198	2.571	ng	# 89

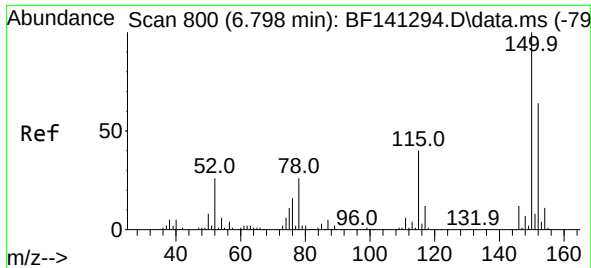
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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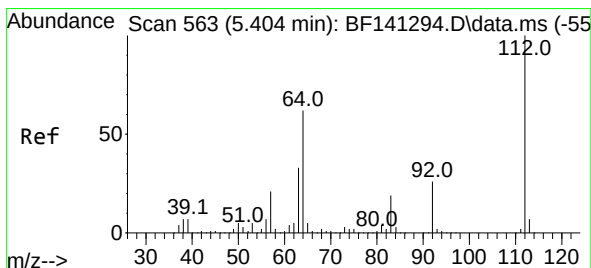
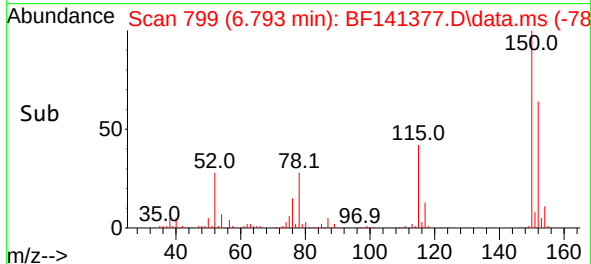
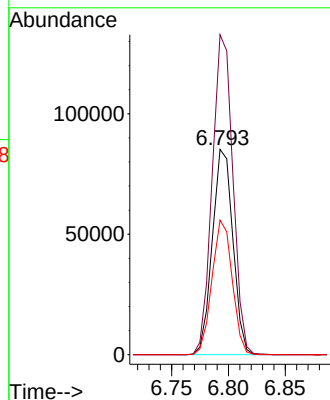
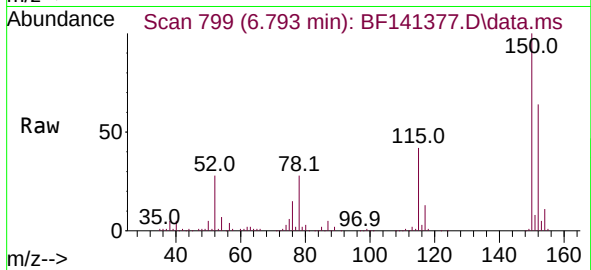




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

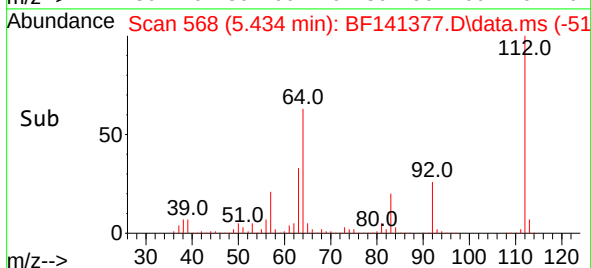
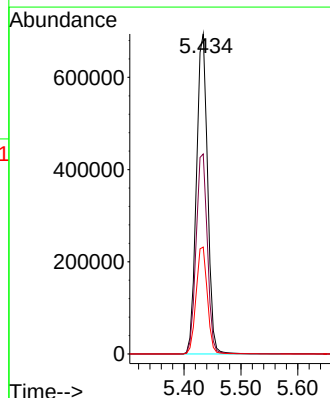
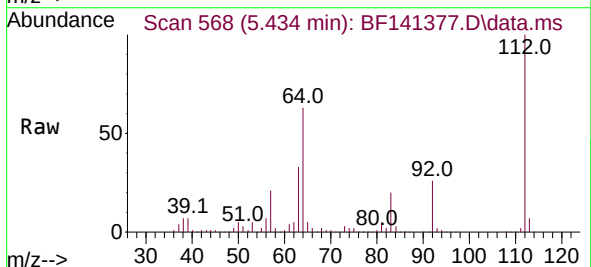
Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.2-012825

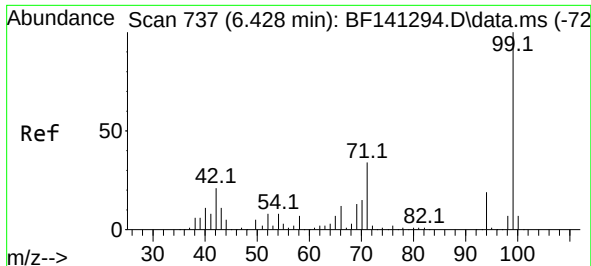
Tgt Ion:152 Resp: 107263
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.9 188.9
 115 65.6 49.7 74.5



#5
 2-Fluorophenol
 Concen: 136.368 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.023 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

Tgt Ion:112 Resp: 952789
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.8 74.8
 63 33.4 26.1 39.1

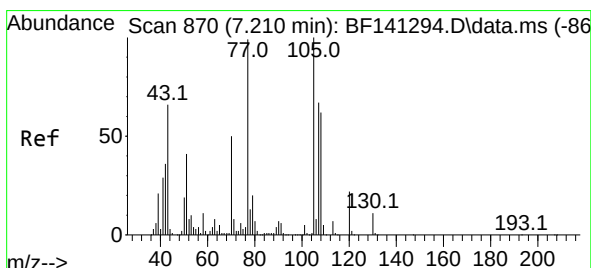
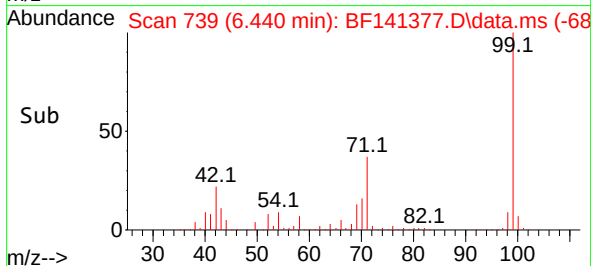
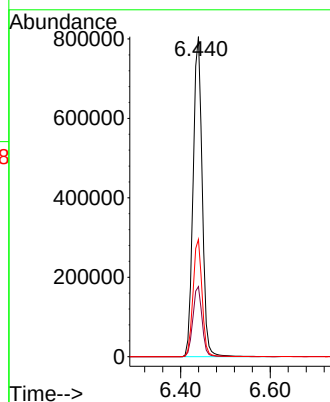
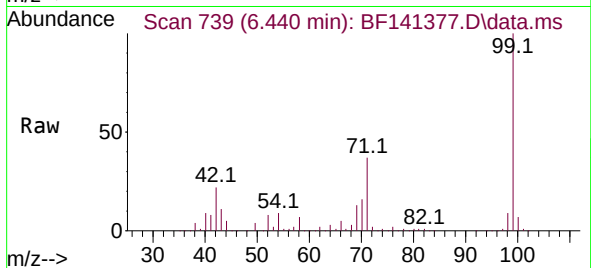




#7
Phenol-d6
Concen: 127.479 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

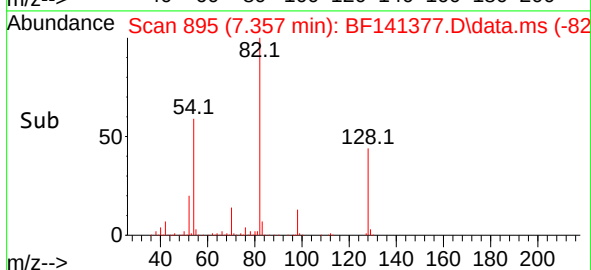
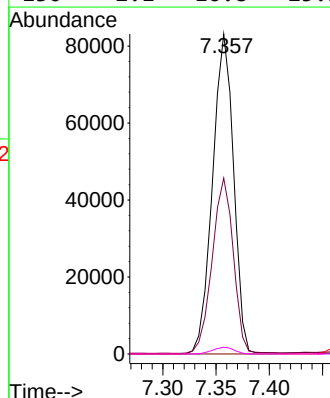
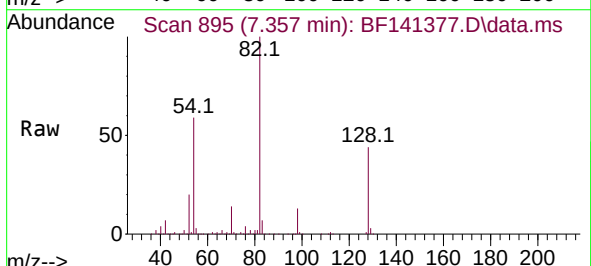
Instrument :
BNA_F
ClientSampleId :
JPP-26.2-012825

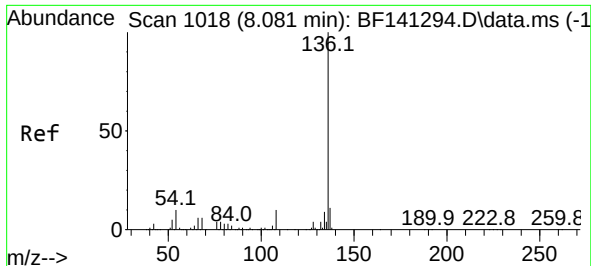
Tgt Ion: 99 Resp: 1133060
Ion Ratio Lower Upper
99 100
42 21.9 17.1 25.7
71 36.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.669 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Tgt Ion: 70 Resp: 114441
Ion Ratio Lower Upper
70 100
42 55.0 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



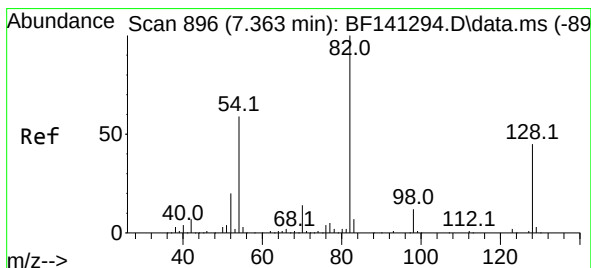
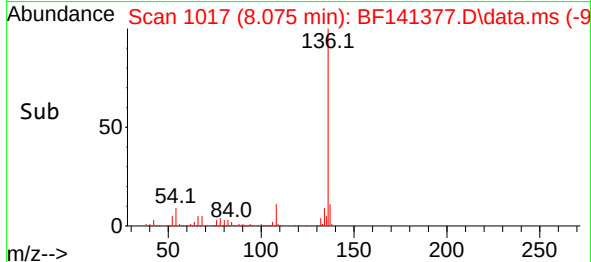
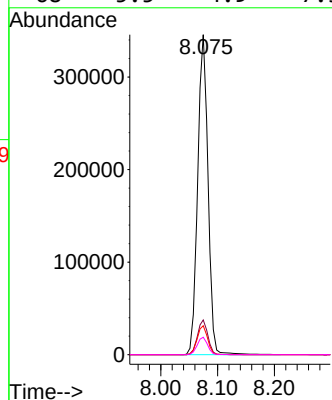
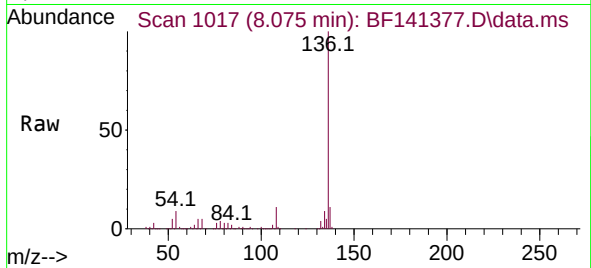


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Instrument :
BNA_F
ClientSampleId :
JPP-26.2-012825

Tgt Ion:136 Resp: 439549

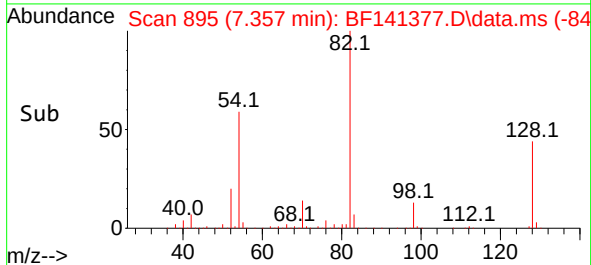
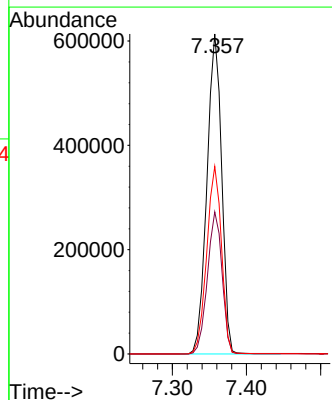
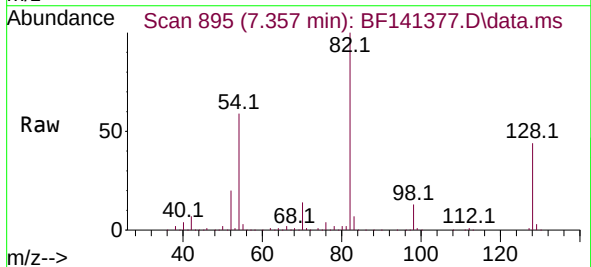
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	7.8	11.8
68	5.5	4.9	7.3

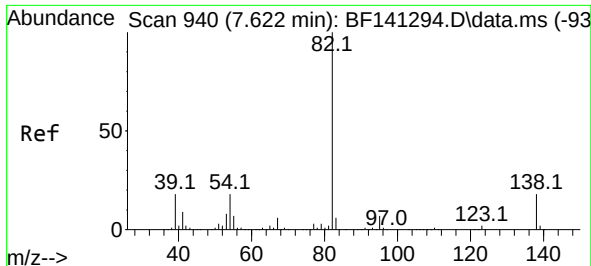


#23
Nitrobenzene-d5
Concen: 101.626 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Tgt Ion: 82 Resp: 847357

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.7	53.5
54	58.6	47.1	70.7

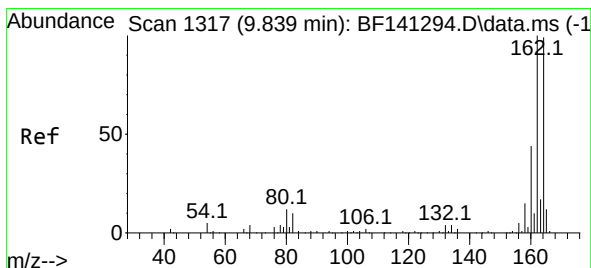
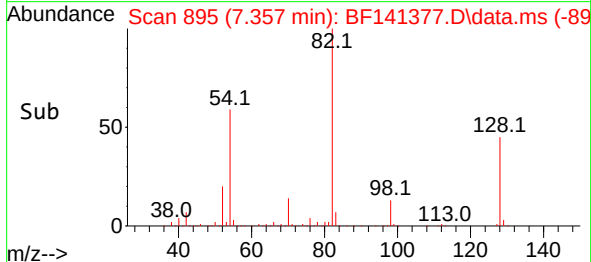
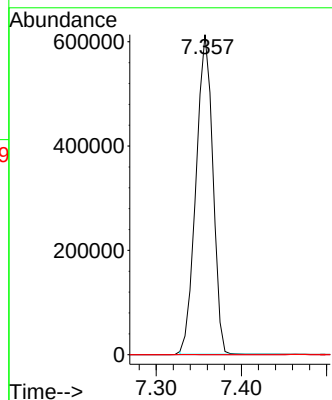
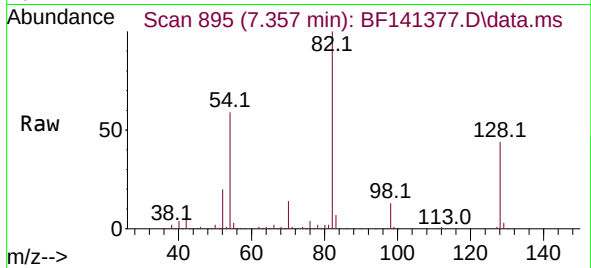




#25
Isophorone
Concen: 58.240 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

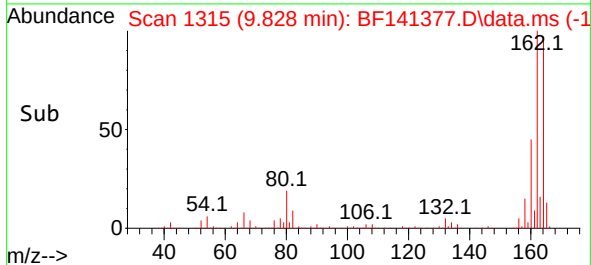
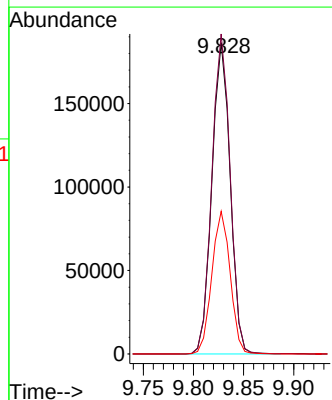
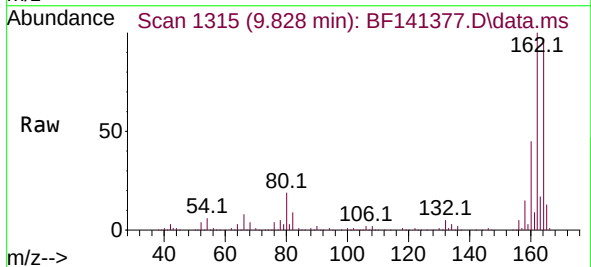
Instrument :
BNA_F
ClientSampleId :
JPP-26.2-012825

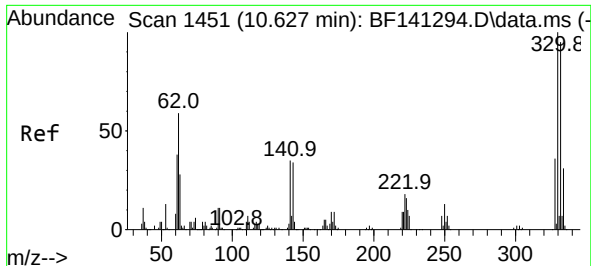
Tgt Ion: 82 Resp: 839408
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

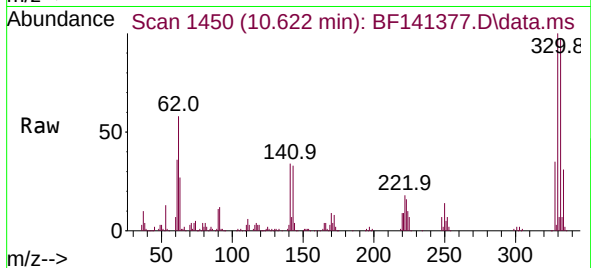
Tgt Ion: 164 Resp: 235703
Ion Ratio Lower Upper
164 100
162 102.8 80.6 121.0
160 45.8 35.8 53.6



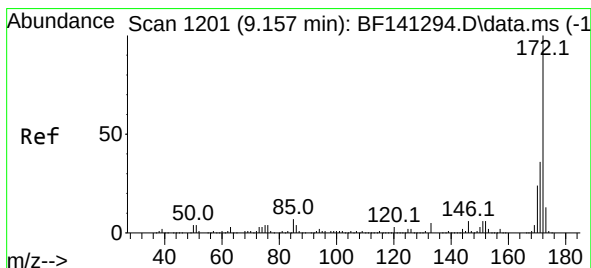
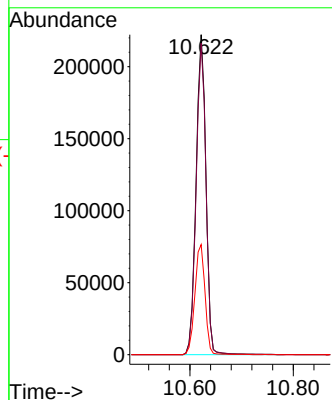
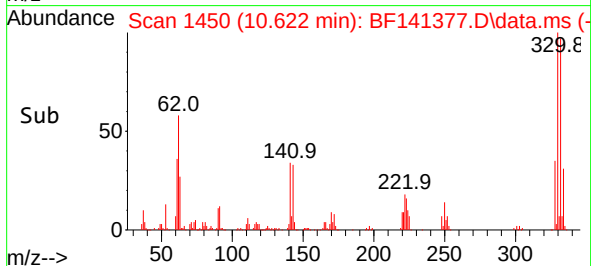


#42
2,4,6-Tribromophenol
Concen: 136.269 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Instrument :
BNA_F
ClientSampleId :
JPP-26.2-012825

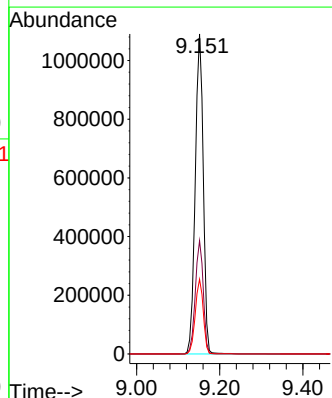
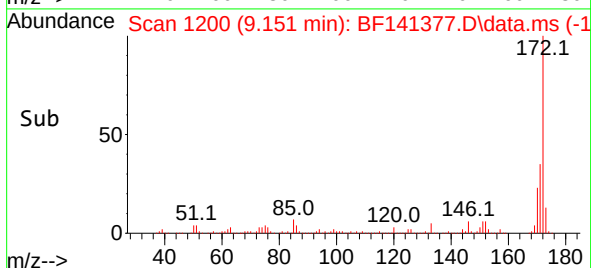
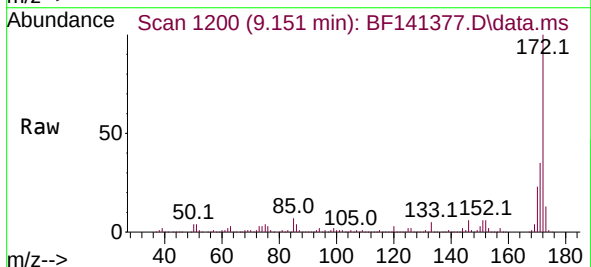


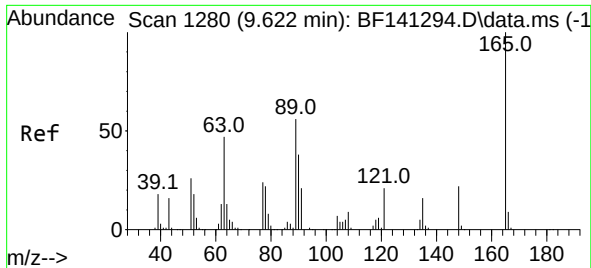
Tgt Ion: 330 Resp: 294457
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 35.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 95.299 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Tgt Ion: 172 Resp: 1459350
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 19.0 28.6

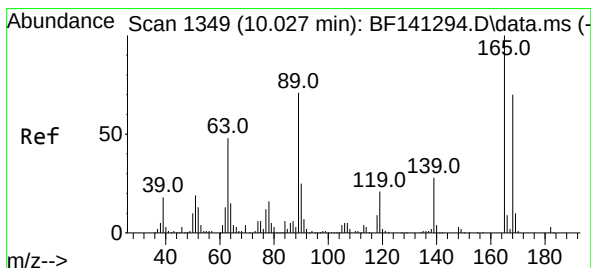
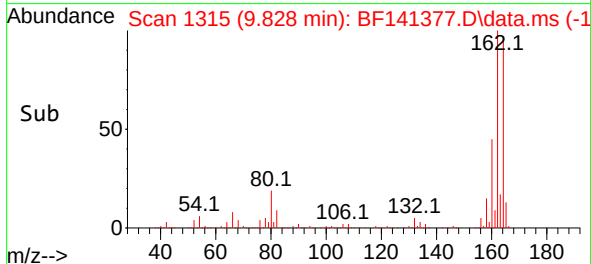
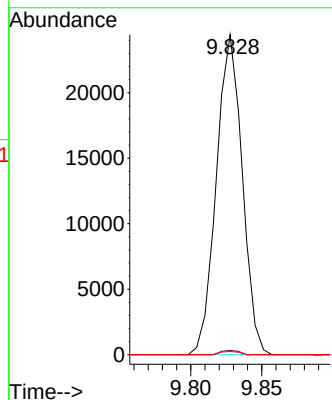
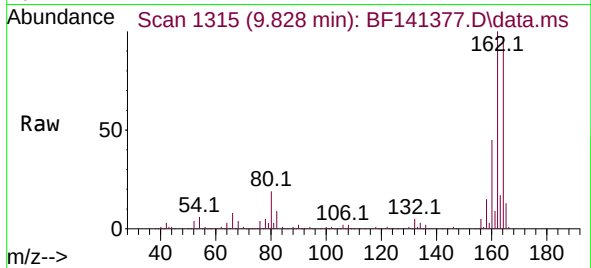




#51
2,6-Dinitrotoluene
Concen: 8.365 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

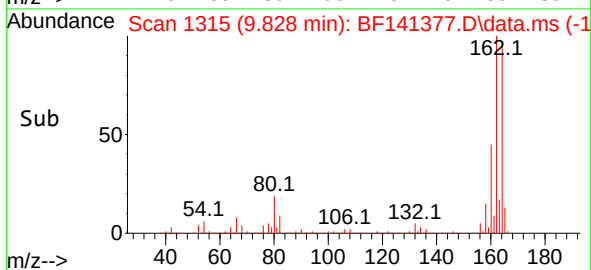
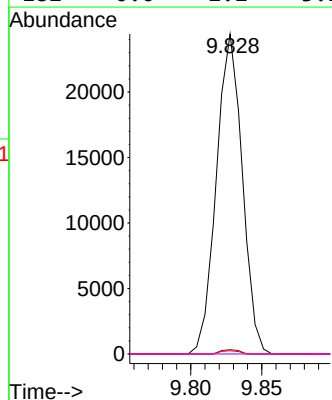
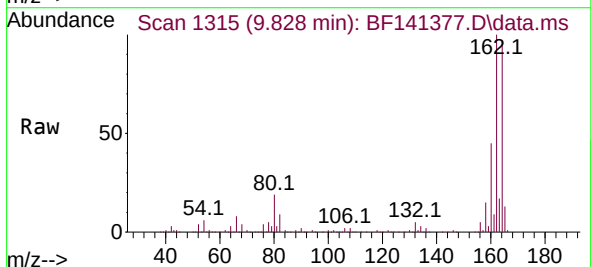
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JPP-26.2-012825

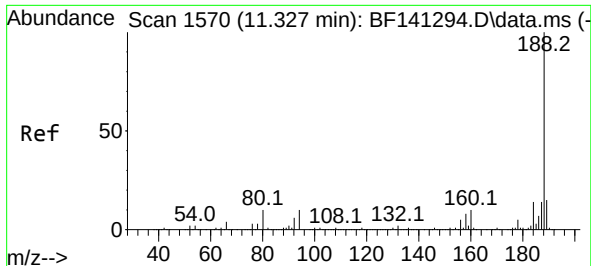
Tgt Ion:165 Resp: 30918
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.461 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Tgt Ion:165 Resp: 30918
Ion Ratio Lower Upper
165 100
63 1.3 39.2 58.8#
89 1.0 56.9 85.3#
182 0.0 2.2 3.2#

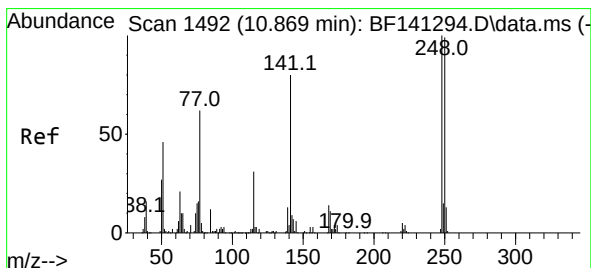
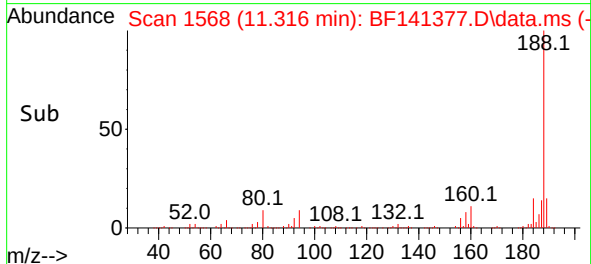
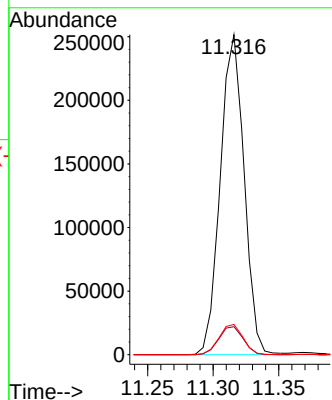
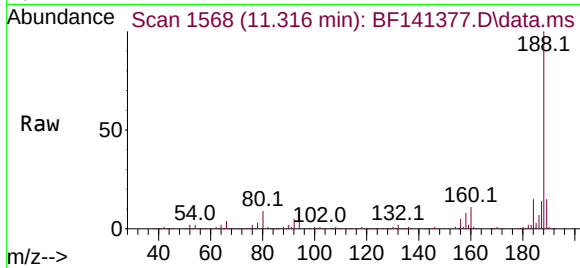




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

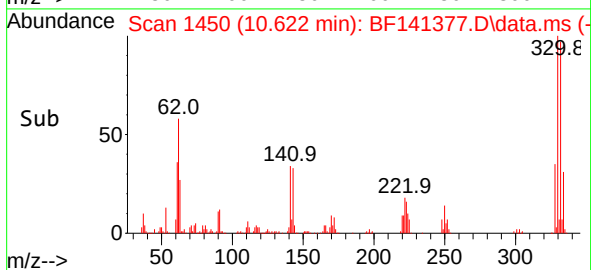
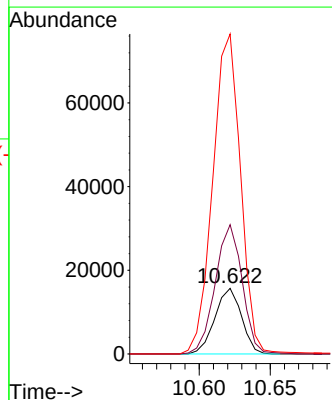
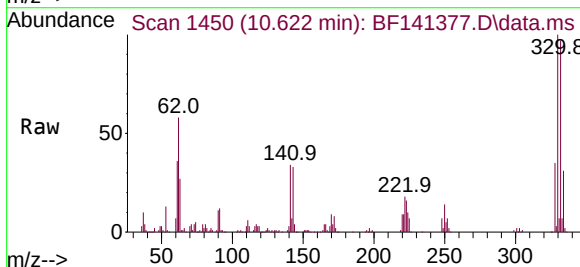
Instrument :
BNA_F
ClientSampleId :
JPP-26.2-012825

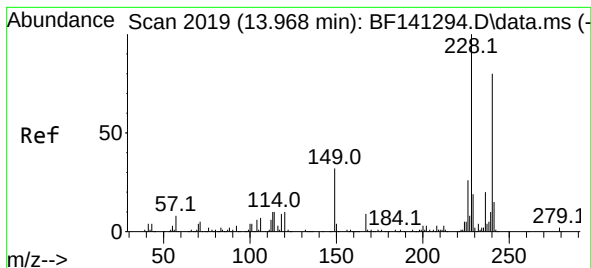
Tgt Ion:188 Resp: 317470
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.745 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Tgt Ion:248 Resp: 20419
Ion Ratio Lower Upper
248 100
250 196.9 79.0 118.4#
141 487.5 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: BF141377.D

Acq: 03 Feb 2025 19:04

Instrument :

BNA_F

ClientSampleId :

JPP-26.2-012825

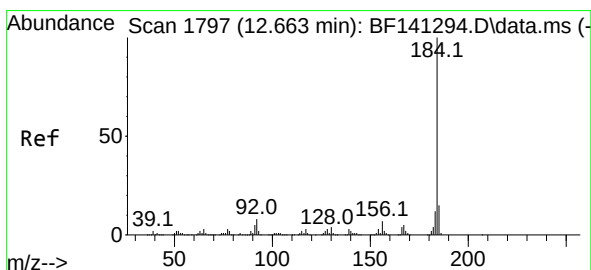
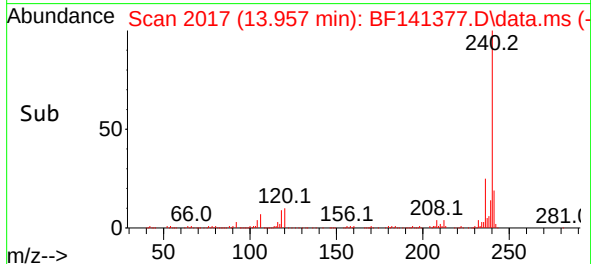
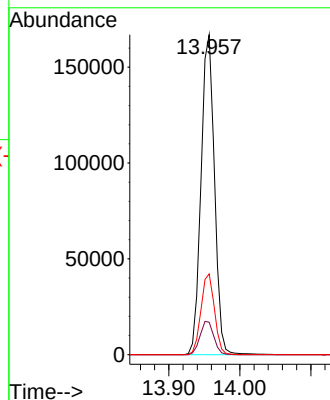
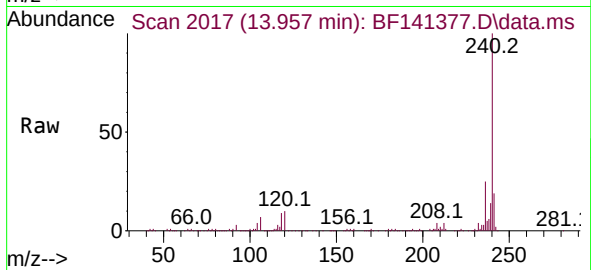
Tgt Ion:240 Resp: 220783

Ion Ratio Lower Upper

240 100

120 10.1 10.0 15.0

236 25.2 19.7 29.5



#77

Benzidine

Concen: 2.571 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141377.D

Acq: 03 Feb 2025 19:04

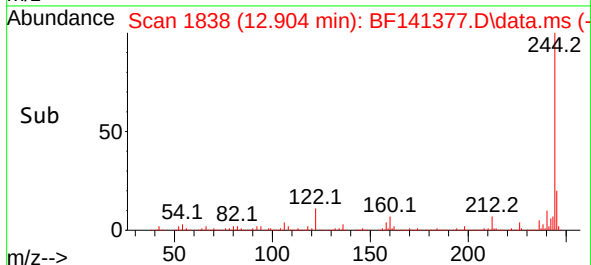
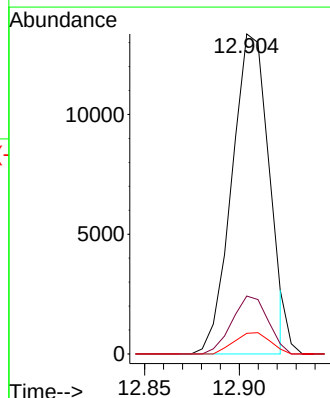
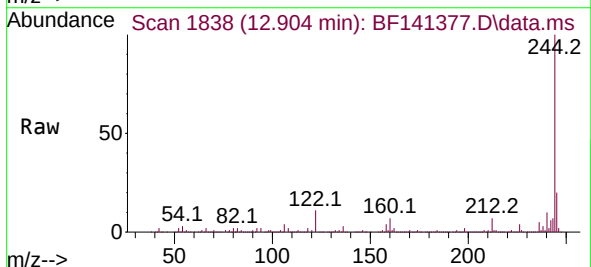
Tgt Ion:184 Resp: 18198

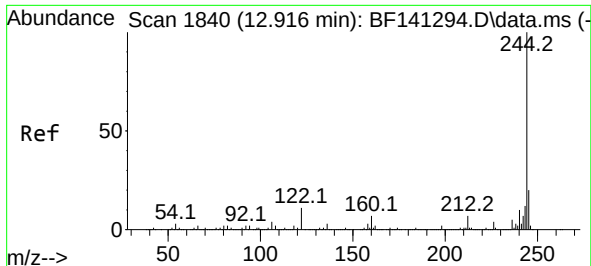
Ion Ratio Lower Upper

184 100

185 18.1 11.9 17.9#

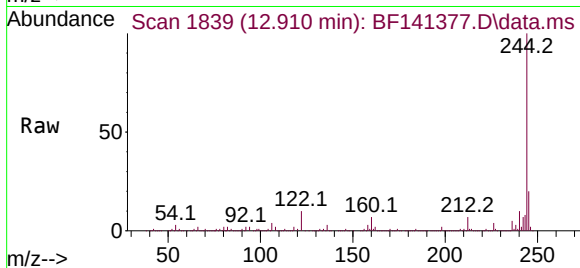
183 6.4 9.5 14.3#



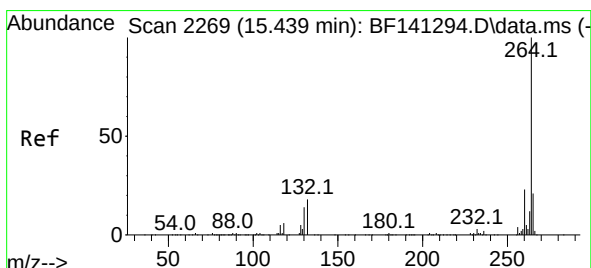
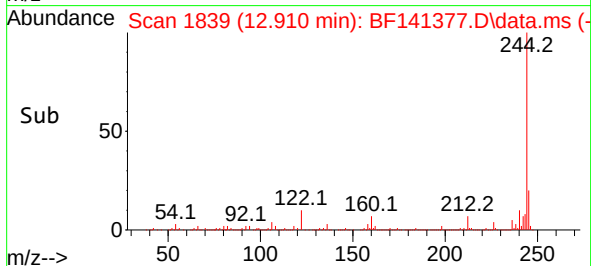
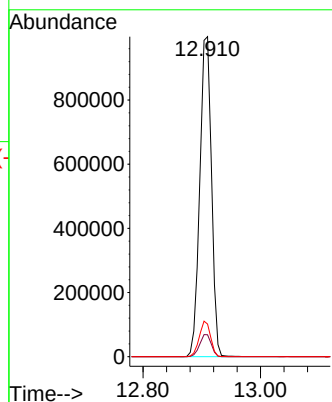


#79
 Terphenyl-d14
 Concen: 96.203 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.2-012825



Tgt Ion:244 Resp: 1377262
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.029 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

Tgt Ion:264 Resp: 155960
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.4 16.7 25.1

