

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142079.D
 Acq On : 25 Mar 2025 15:41
 Operator : RC/JU
 Sample : Q1619-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 25 16:22:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

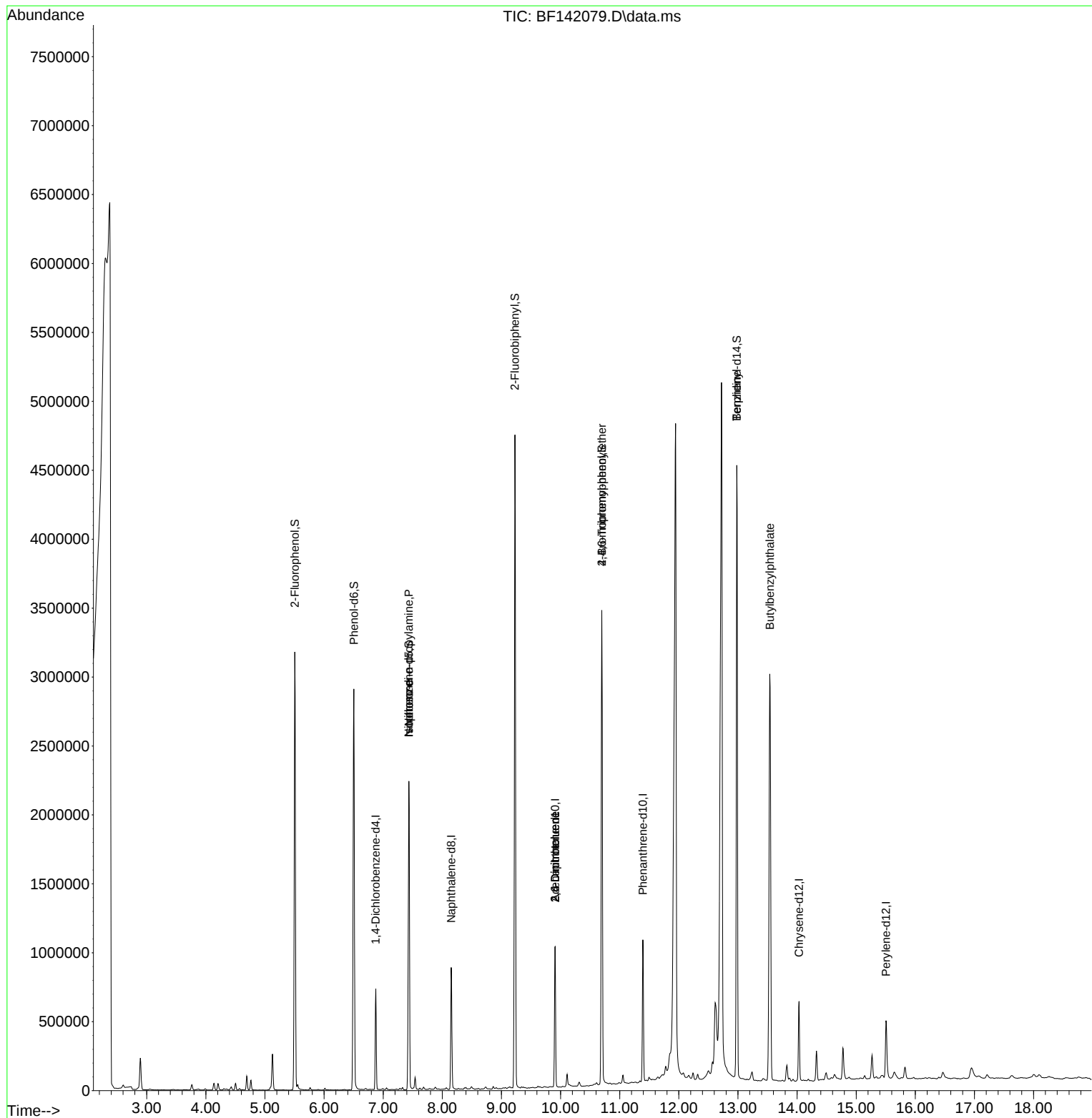
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	152996	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	579103	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	315033	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	521951	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	291669	20.000	ng	0.00
86) Perylene-d12	15.504	264	288398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1298738	141.673	ng	0.01
7) Phenol-d6	6.504	99	1561241	133.762	ng	0.00
23) Nitrobenzene-d5	7.434	82	1065590	103.552	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	688374	172.239	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2152811	103.926	ng	-0.01
79) Terphenyl-d14	12.980	244	2322592	117.731	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	149276	19.904	ng	# 77
25) Isophorone	7.434	82	1052577	57.866	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	41492	9.033	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	41493	6.916	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	42536	6.489	ng	# 1
77) Benzidine	12.980	184	32207	7.915	ng	# 85
80) Butylbenzylphthalate	13.539	149	572880	58.013	ng	# 25

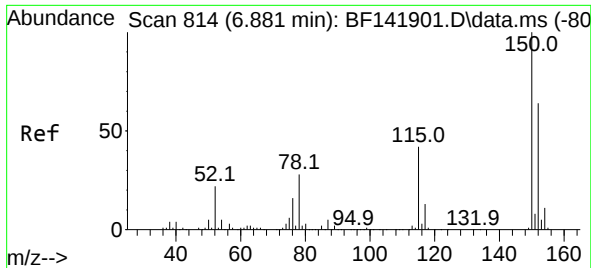
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
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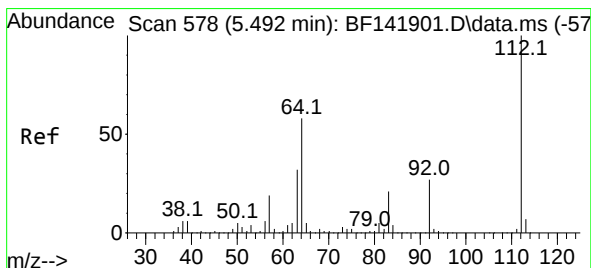
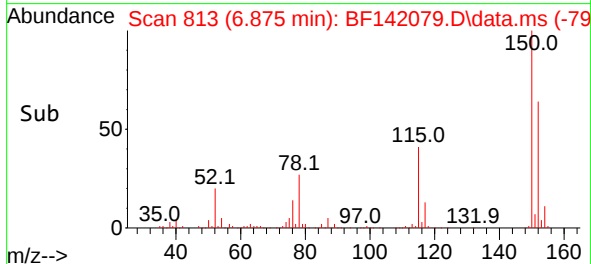
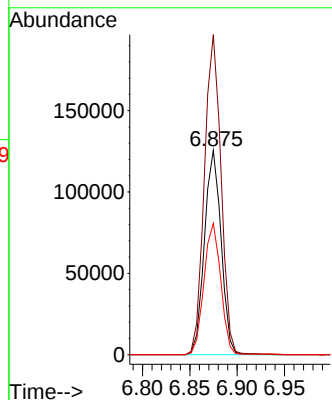
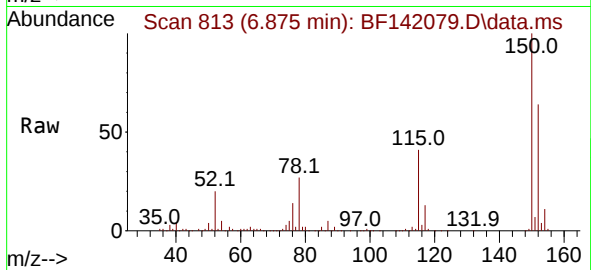




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

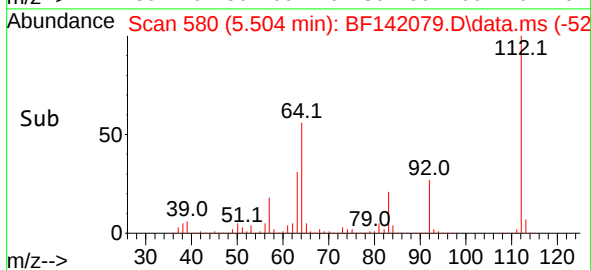
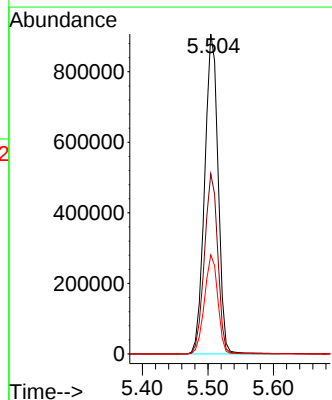
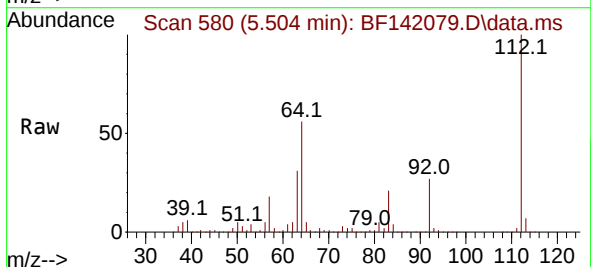
Instrument :
BNA_F
ClientSampleId :
TP-1

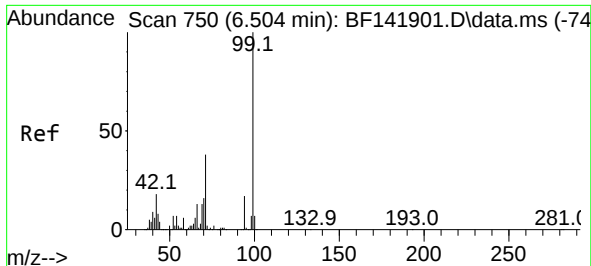
Tgt Ion:152 Resp: 152996
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.2
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 141.673 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:112 Resp: 1298738
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 31.0 25.4 38.2





#7
Phenol-d6
Concen: 133.762 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

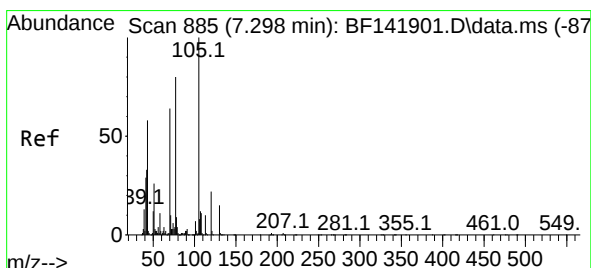
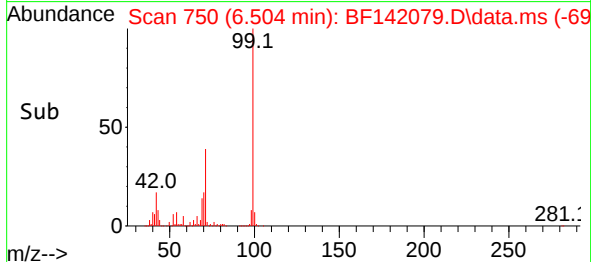
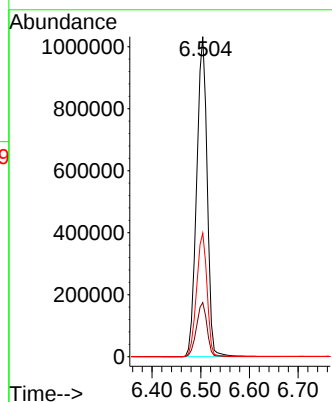
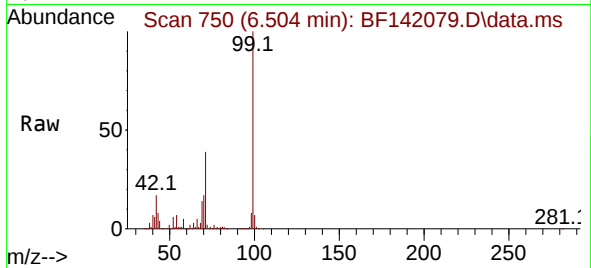
Instrument :

BNA_F

ClientSampleId :

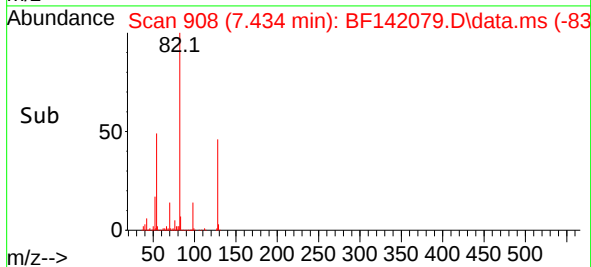
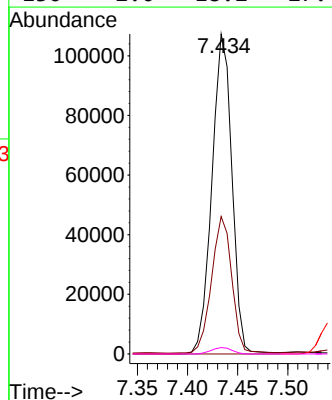
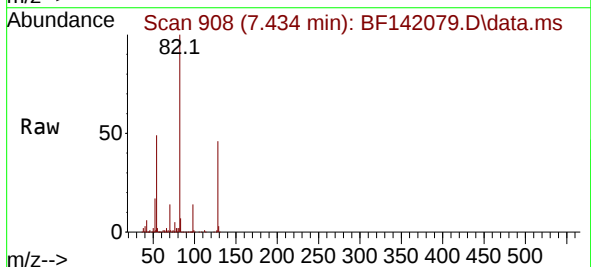
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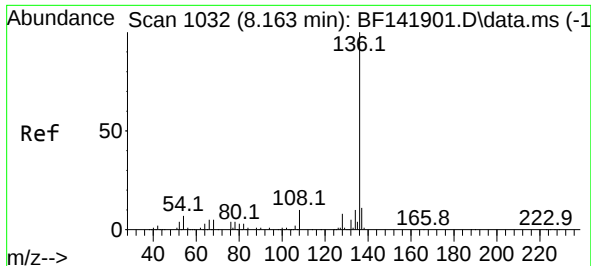
Tgt Ion: 99 Resp: 1561241
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.6 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.904 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion: 70 Resp: 149276
Ion Ratio Lower Upper
70 100
42 42.9 41.4 62.0
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

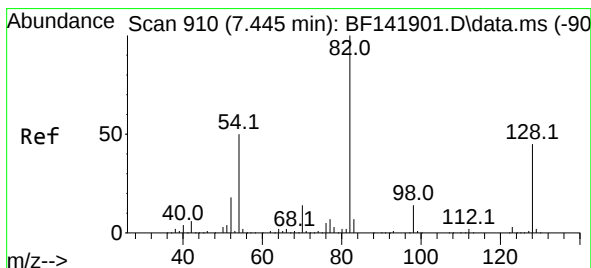
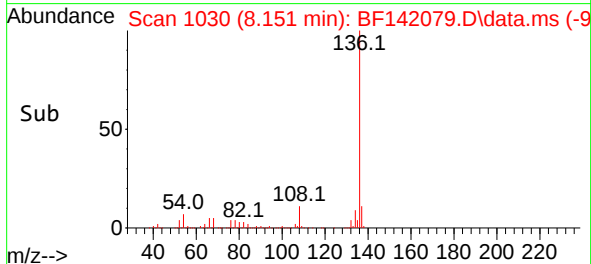
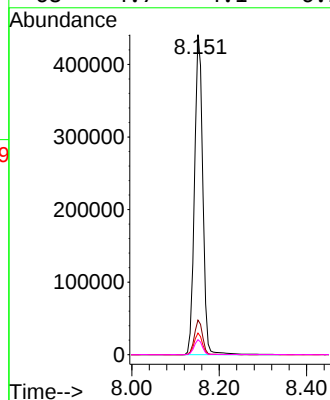
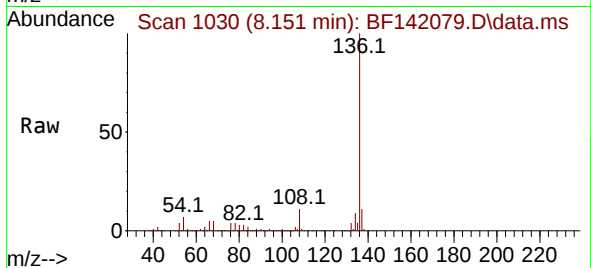
Instrument :

BNA_F

ClientSampleId :

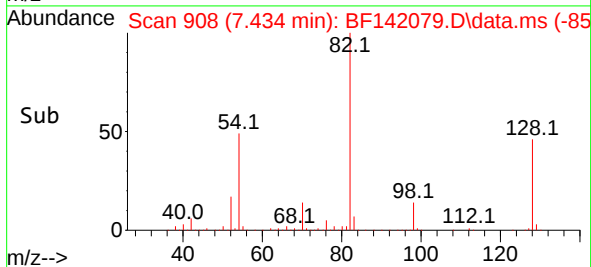
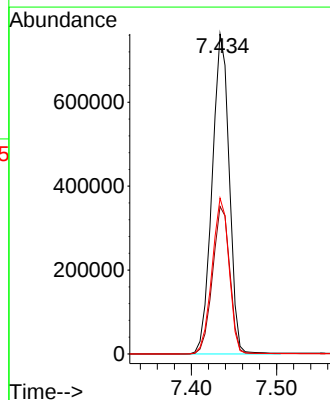
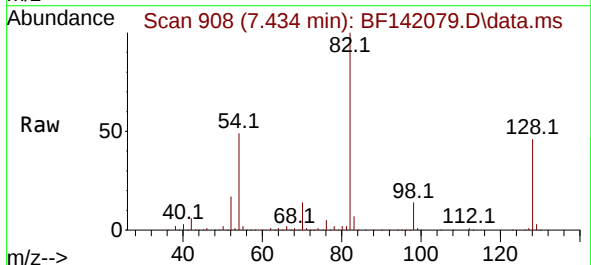
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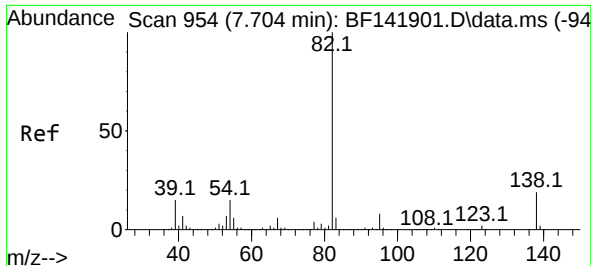
Tgt Ion:136 Resp: 579103
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.8 8.8
68 4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 103.552 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion: 82 Resp: 1065590
Ion Ratio Lower Upper
82 100
128 46.1 36.0 54.0
54 48.7 39.6 59.4

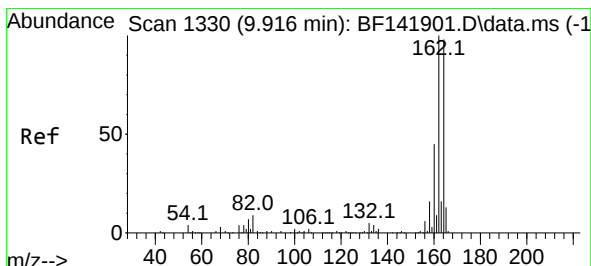
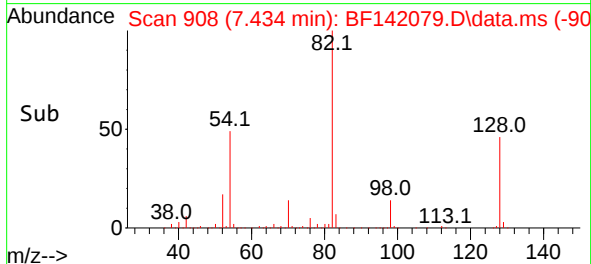
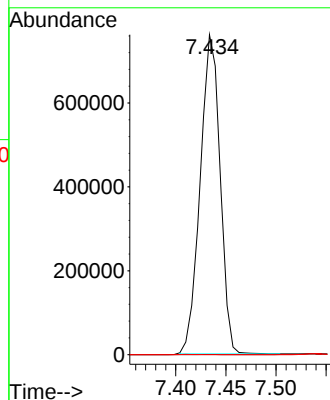
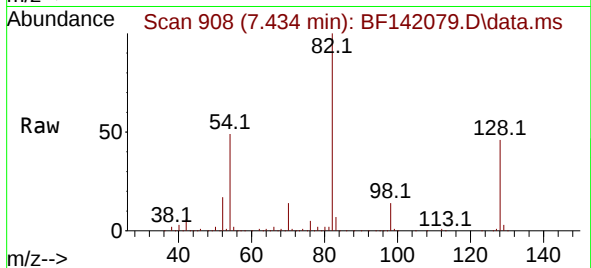




#25
Isophorone
Concen: 57.866 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

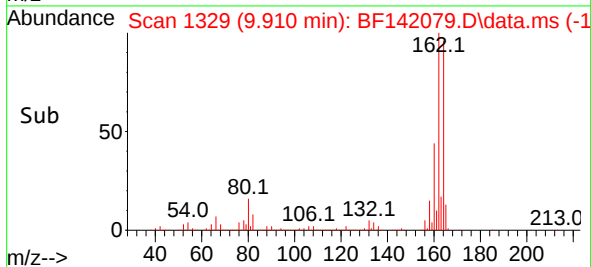
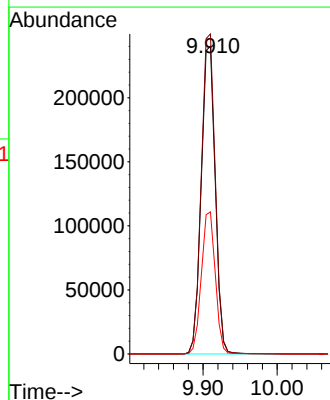
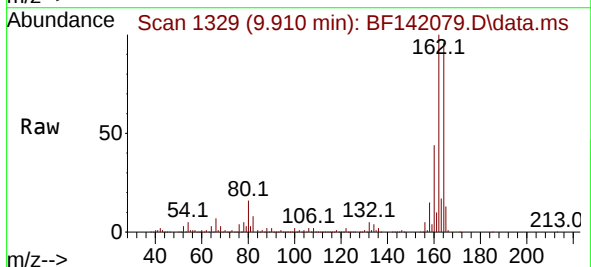
Instrument :
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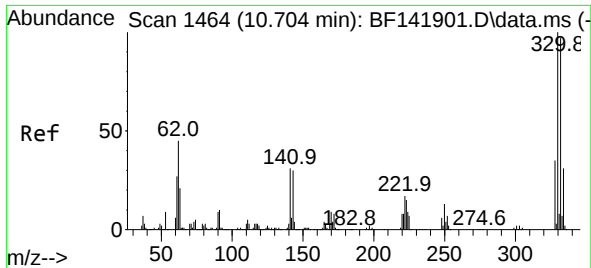
Tgt Ion: 82 Resp: 1052577
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:164 Resp: 315033
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 46.2 36.7 55.1

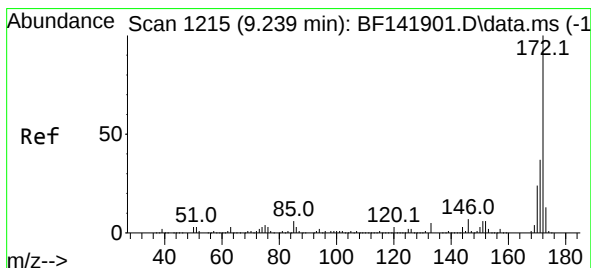
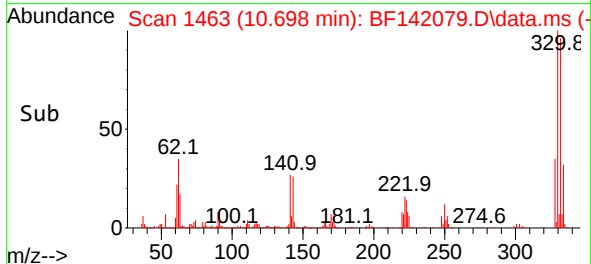
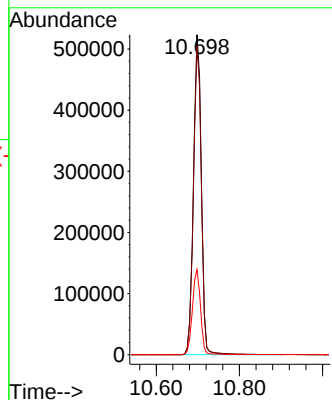
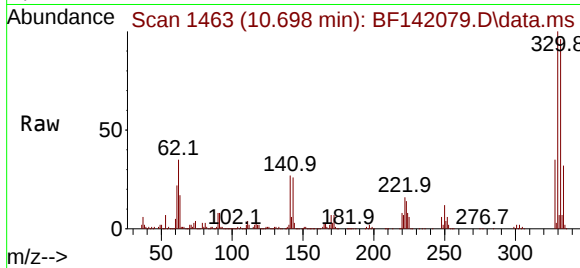




#42
2,4,6-Tribromophenol
Concen: 172.239 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

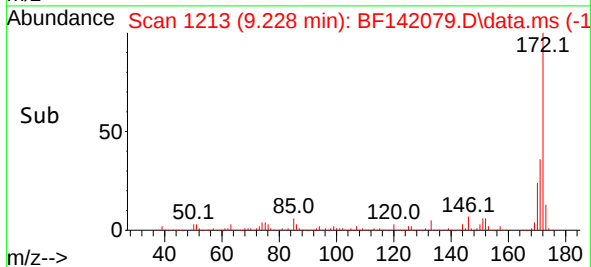
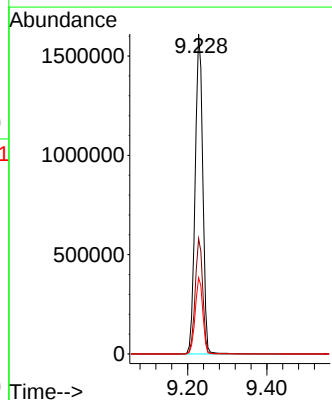
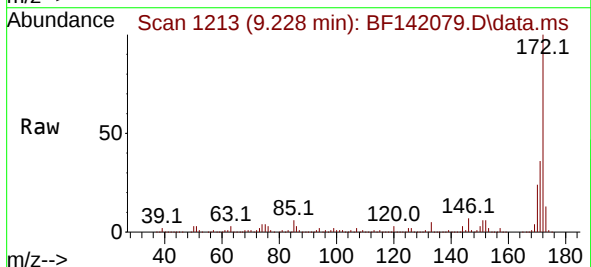
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ClientSampleId :
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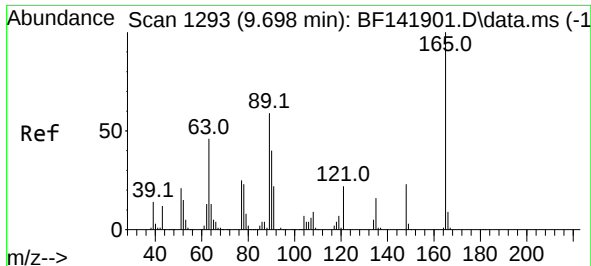
Tgt Ion:330 Resp: 688374
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 27.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 103.926 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:172 Resp: 2152811
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.8 19.4 29.0

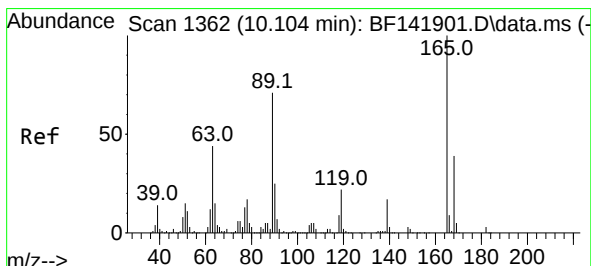
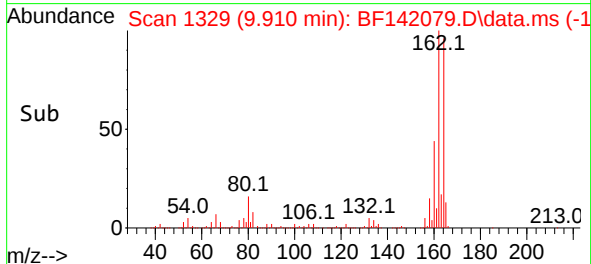
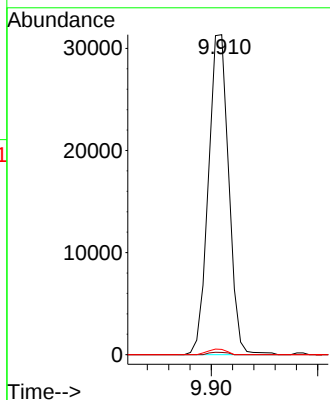
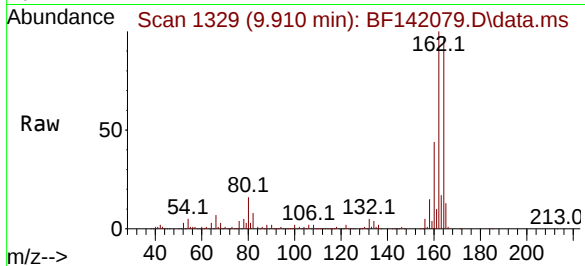




#51
2,6-Dinitrotoluene
Concen: 9.033 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

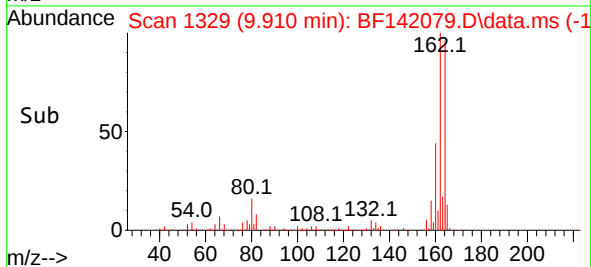
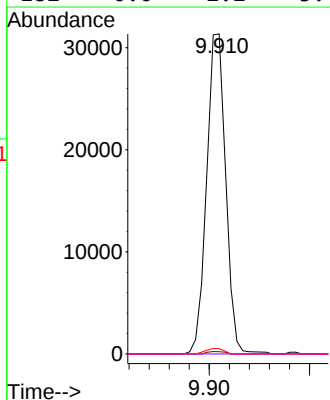
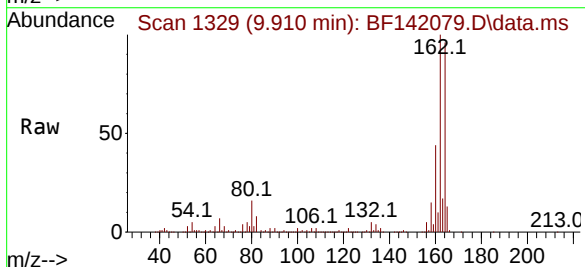
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TP-1

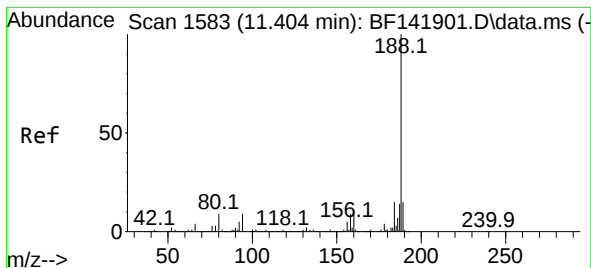
Tgt Ion:165 Resp: 41492
Ion Ratio Lower Upper
165 100
63 0.7 47.0 70.4#
89 1.6 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.916 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142079.D
Acq: 25 Mar 2025 15:41

Tgt Ion:165 Resp: 41493
Ion Ratio Lower Upper
165 100
63 0.7 35.4 53.2#
89 1.6 56.6 84.8#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142079.D

Acq: 25 Mar 2025 15:41

Instrument :

BNA_F

ClientSampleId :

TP-1

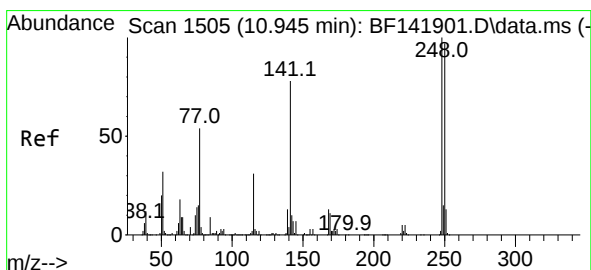
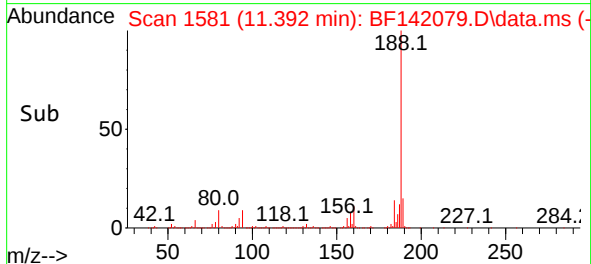
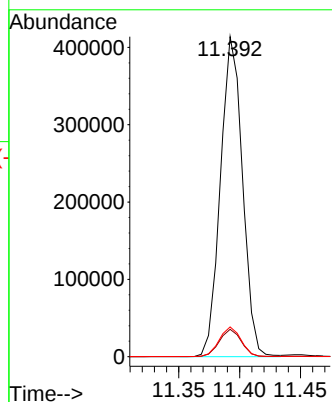
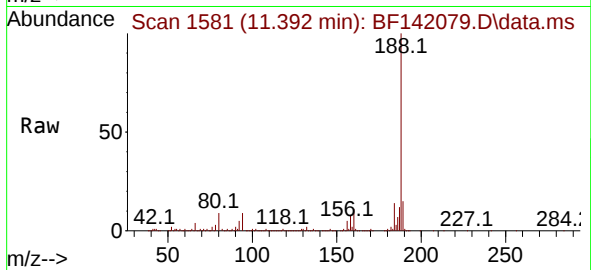
Tgt Ion:188 Resp: 521951

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 6.489 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF142079.D

Acq: 25 Mar 2025 15:41

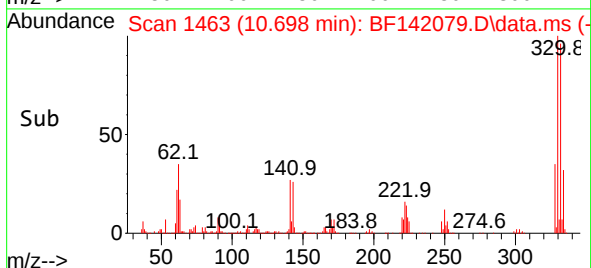
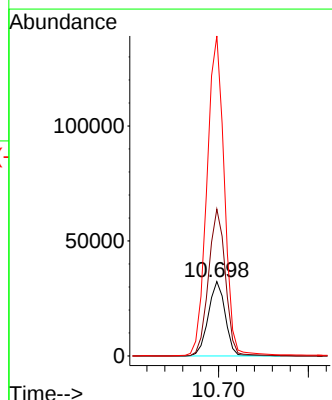
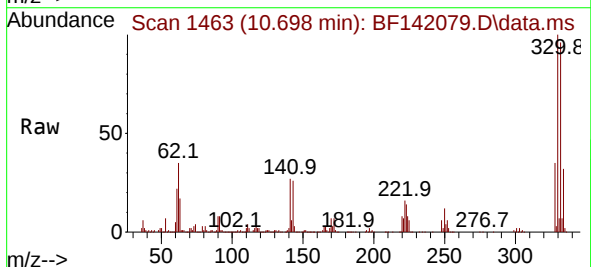
Tgt Ion:248 Resp: 42536

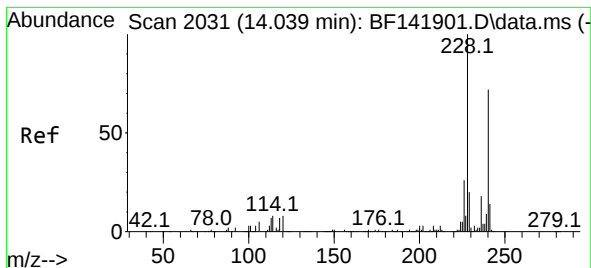
Ion Ratio Lower Upper

248 100

250 197.2 77.8 116.8#

141 429.9 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142079.D

Acq: 25 Mar 2025 15:41

Instrument :

BNA_F

ClientSampleId :

TP-1

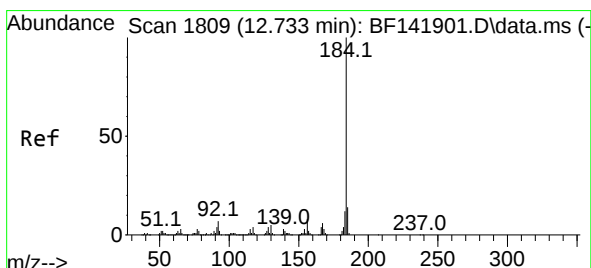
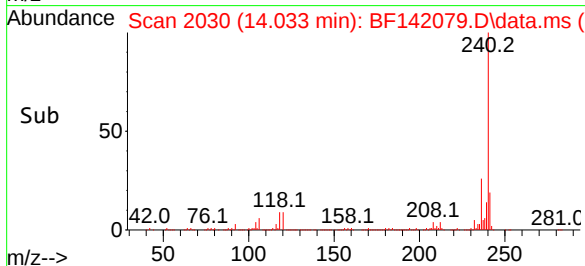
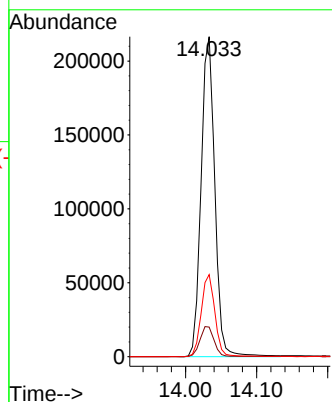
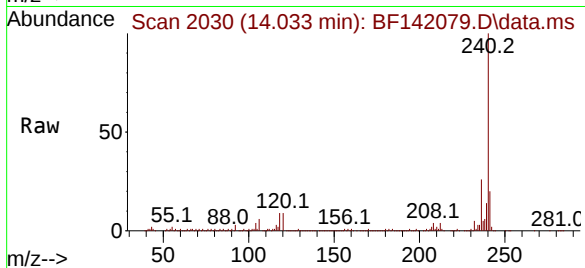
Tgt Ion:240 Resp: 291669

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

236 25.7 20.5 30.7



#77

Benzidine

Concen: 7.915 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF142079.D

Acq: 25 Mar 2025 15:41

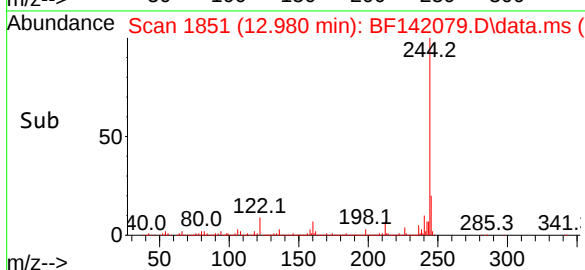
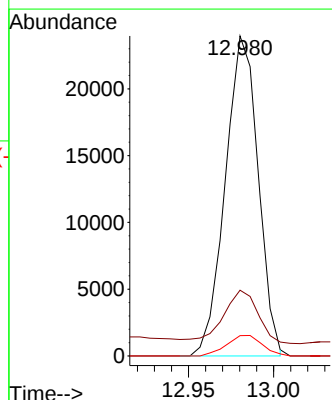
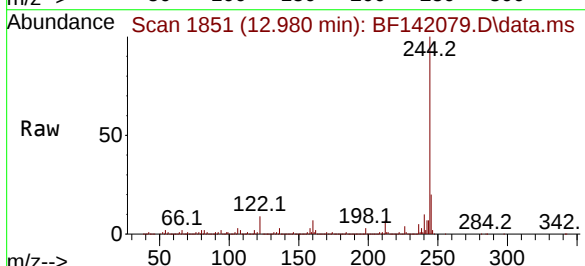
Tgt Ion:184 Resp: 32207

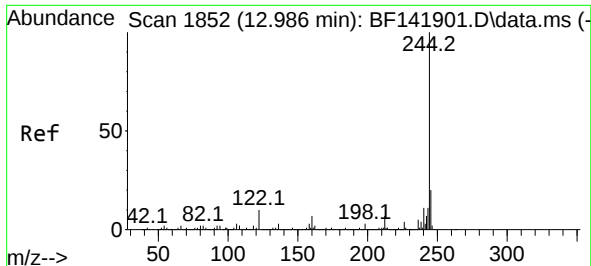
Ion Ratio Lower Upper

184 100

185 20.5 11.5 17.3#

183 6.3 9.7 14.5#

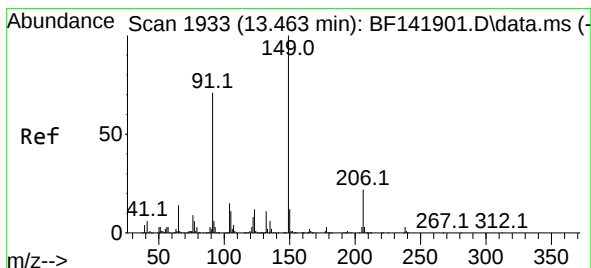
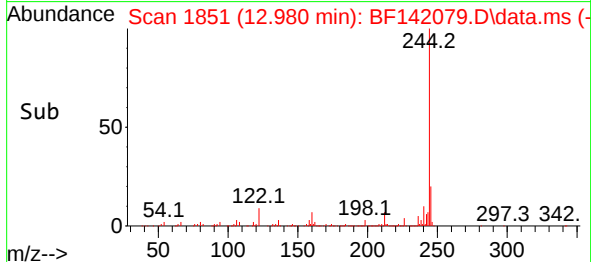
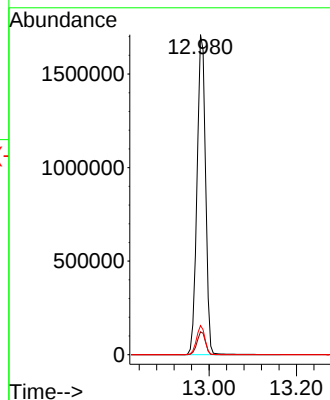
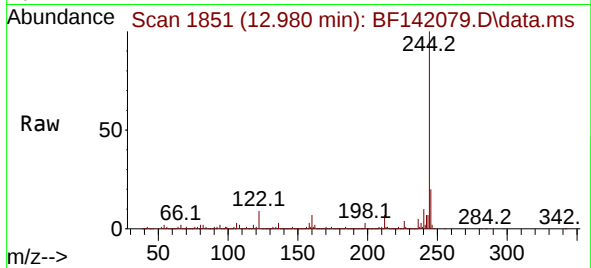




#79
 Terphenyl-d14
 Concen: 117.731 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142079.D
 Acq: 25 Mar 2025 15:41

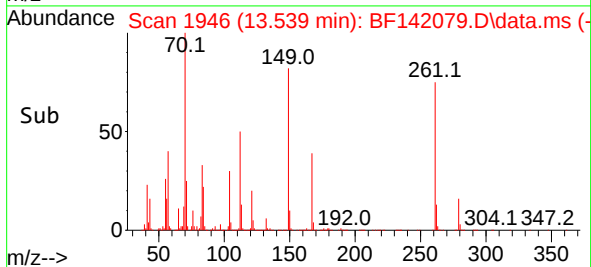
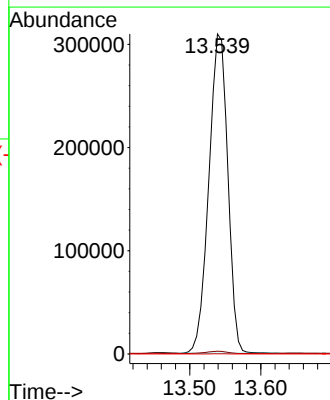
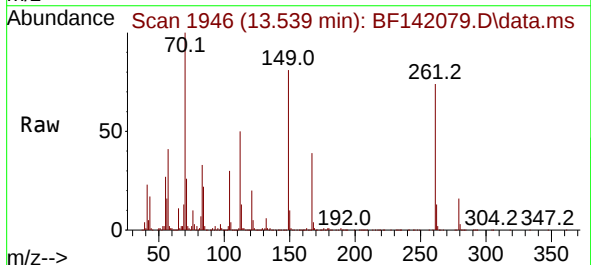
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

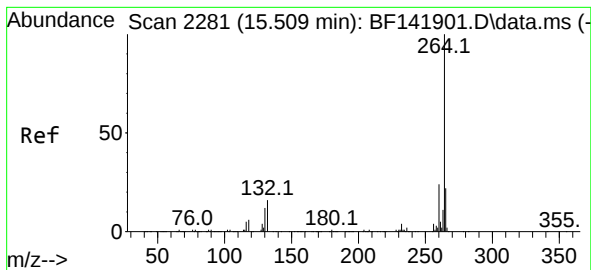
Tgt Ion:244 Resp: 2322592
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.1 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 58.013 ng
 RT: 13.539 min Scan# 1946
 Delta R.T. 0.077 min
 Lab File: BF142079.D
 Acq: 25 Mar 2025 15:41

Tgt Ion:149 Resp: 572880
 Ion Ratio Lower Upper
 149 100
 91 0.8 56.5 84.7#
 206 0.1 17.3 25.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142079.D

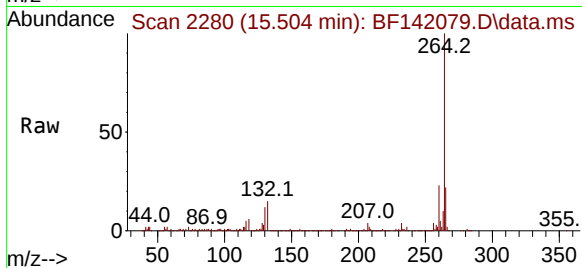
Acq: 25 Mar 2025 15:41

Instrument :

BNA_F

ClientSampleId :

TP-1



Tgt Ion:264 Resp: 288398

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.5 26.3

