

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142062.D
 Acq On : 24 Mar 2025 18:53
 Operator : RC/JU
 Sample : Q1619-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 21:19:33 2025
 Quant Method : T:\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)

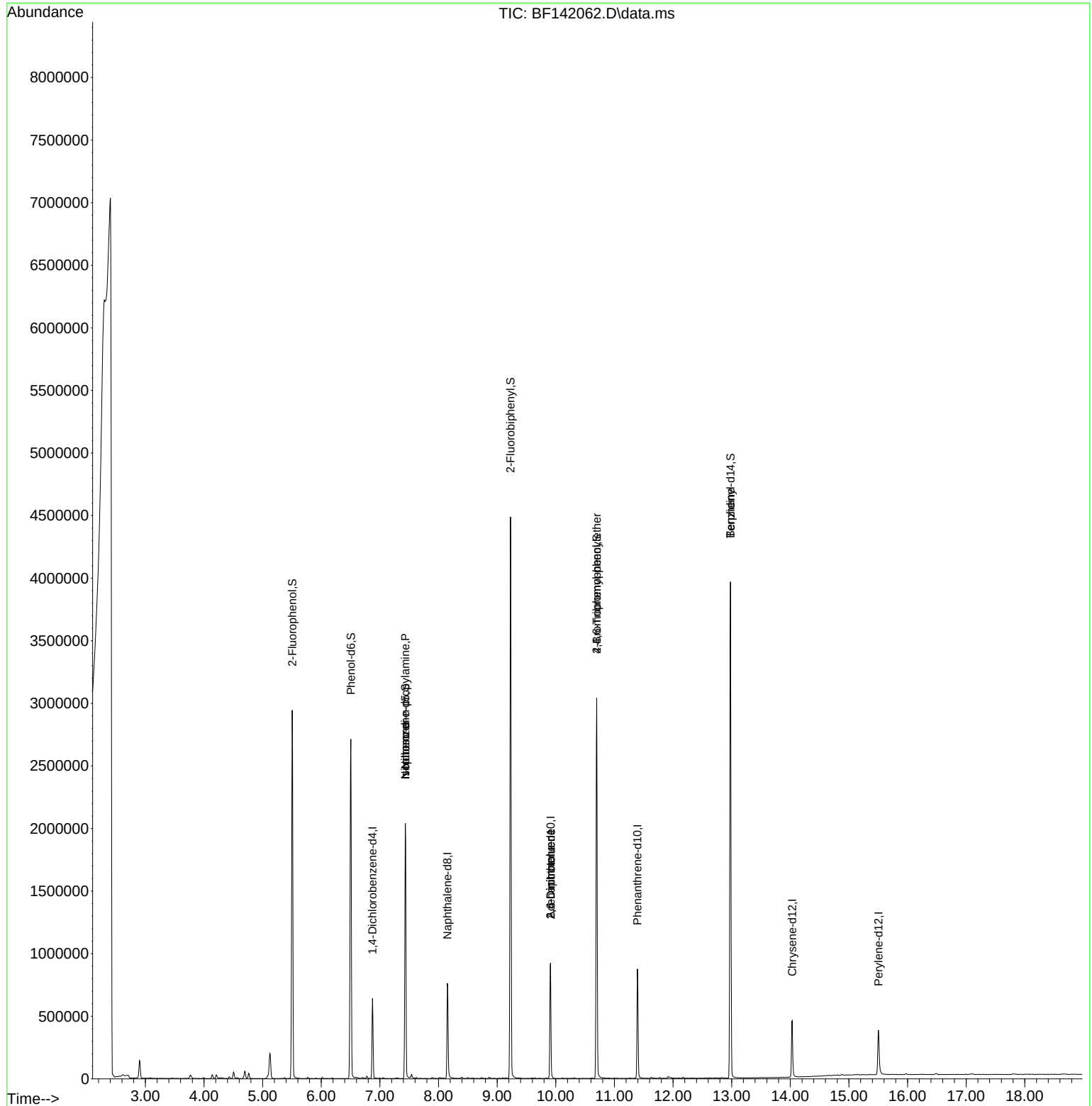
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	132692	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	521904	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	289880	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	469073	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	255544	20.000	ng	0.00
86) Perylene-d12	15.504	264	258621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1185906	149.160	ng	0.01
7) Phenol-d6	6.504	99	1427585	141.026	ng	0.00
23) Nitrobenzene-d5	7.434	82	959922	103.507	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	600419	163.268	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2010263	105.465	ng	-0.01
79) Terphenyl-d14	12.980	244	2020640	116.904	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	134529	20.682	ng	# 78
25) Isophorone	7.434	82	947244	57.782	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	37462	8.863	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	37462	6.786	ng	# 25
67) 4-Bromophenyl-phenylether	10.698	248	36439	6.186	ng	# 1
77) Benzdine	12.980	184	26915	7.549	ng	# 92

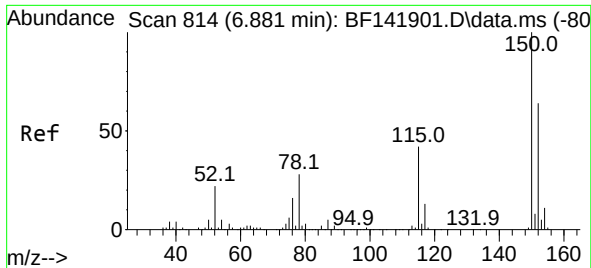
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
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BNA_F
ClientSampleId :

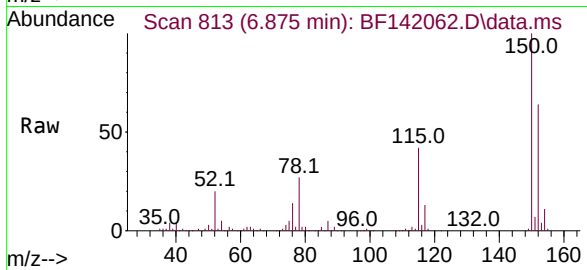
Quant Time: Mar 24 21:19:33 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



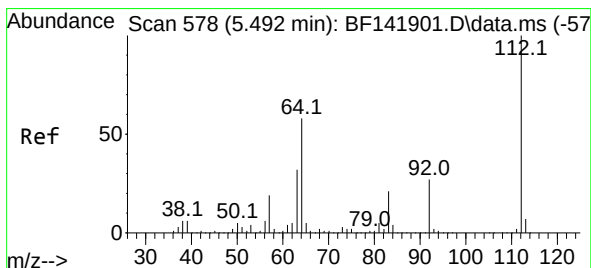
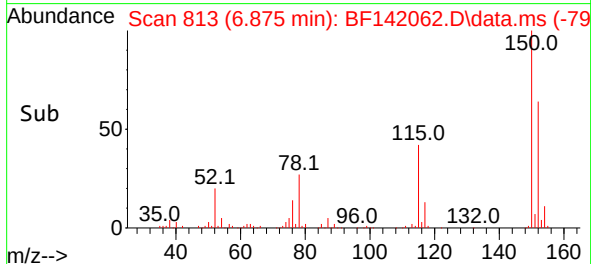
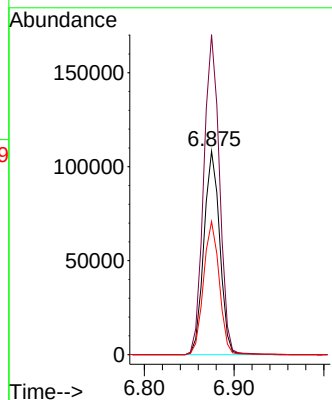


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

Instrument :
BNA_F
ClientSampleId :

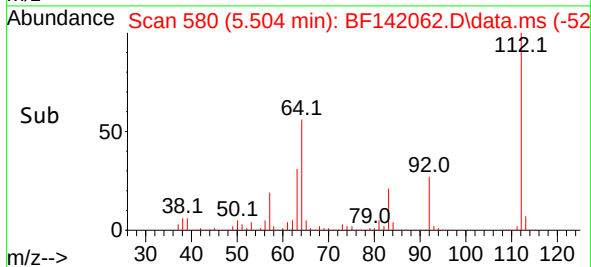
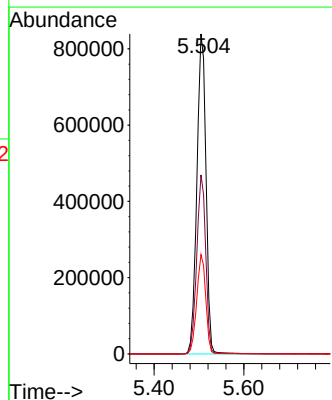
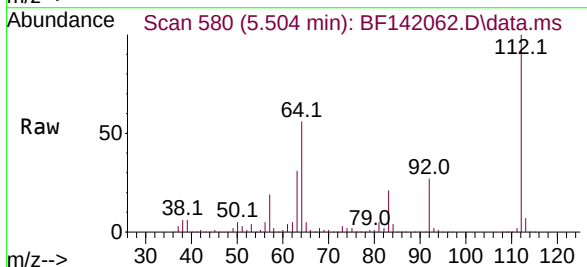


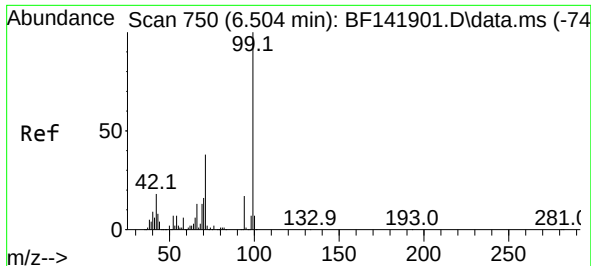
Tgt Ion:152 Resp: 132692
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.2
115 65.4 51.9 77.9



#5
2-Fluorophenol
Concen: 149.160 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

Tgt Ion:112 Resp: 1185906
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 31.0 25.4 38.2



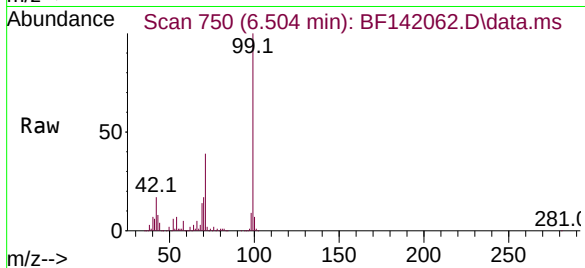


#7
Phenol-d6
Concen: 141.026 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

Instrument :

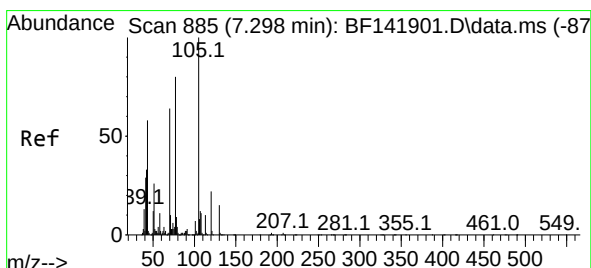
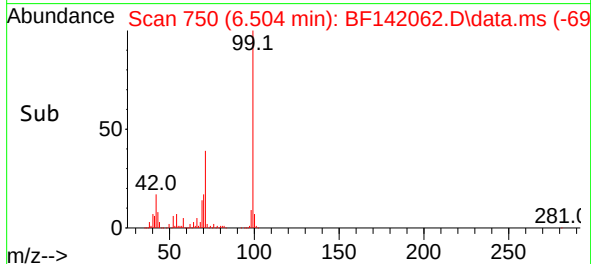
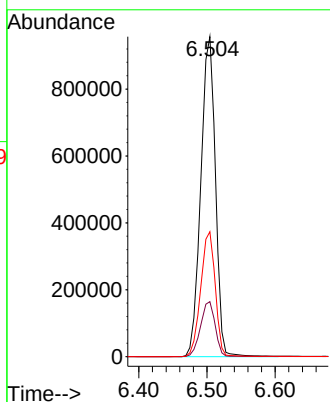
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1427585

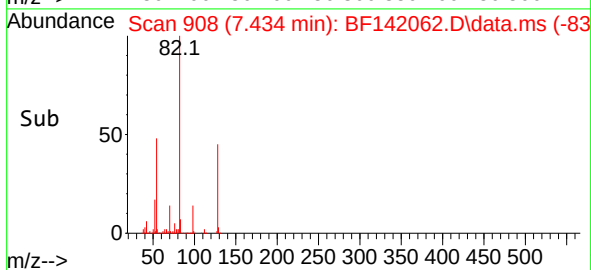
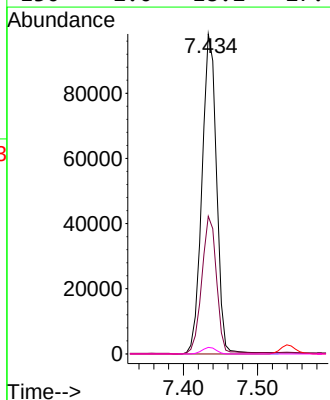
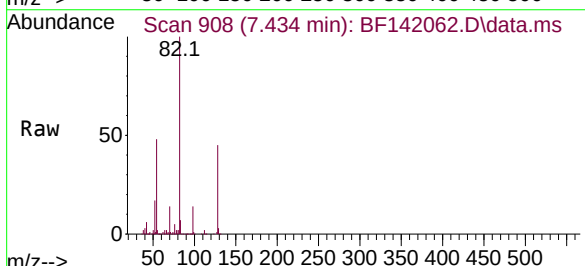
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.6	21.8
71	39.1	30.8	46.2

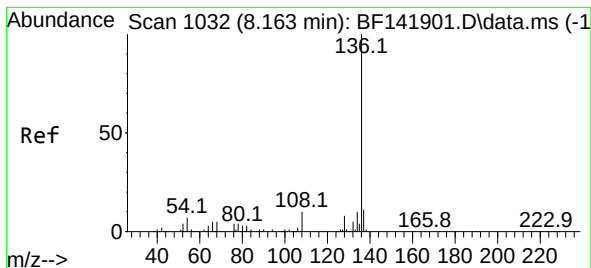


#19
n-Nitroso-di-n-propylamine
Concen: 20.682 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

Tgt Ion: 70 Resp: 134529

Ion	Ratio	Lower	Upper
70	100		
42	43.0	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# 10

Delta R.T. -0.012 min

Lab File: BF142062.D

Acq: 24 Mar 2025 18:53

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 521904

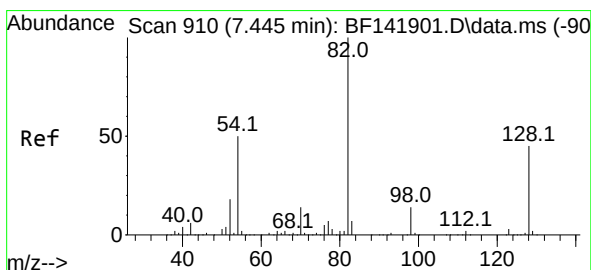
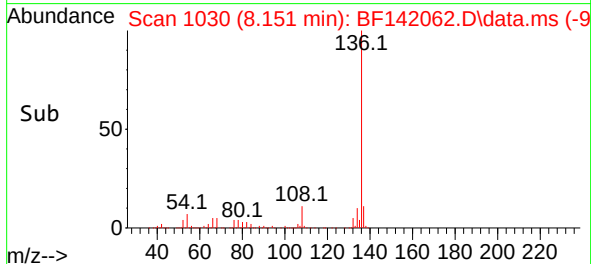
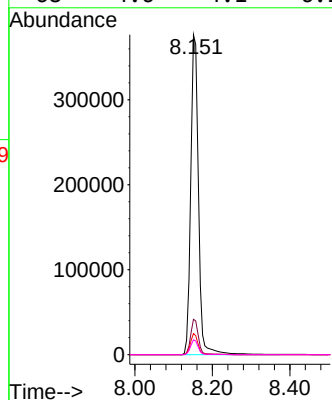
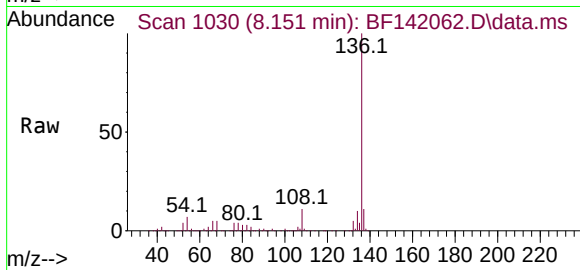
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.6 5.8 8.8

68 4.6 4.1 6.1



#23

Nitrobenzene-d5

Concen: 103.507 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF142062.D

Acq: 24 Mar 2025 18:53

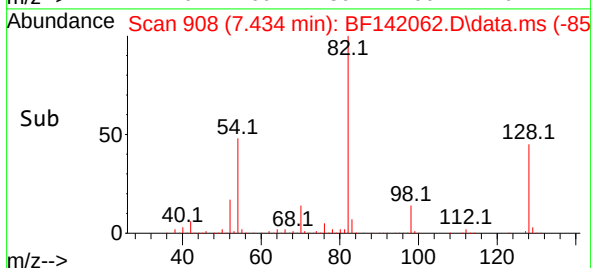
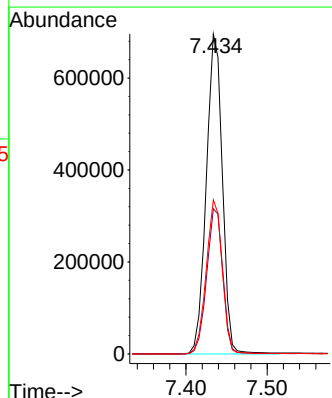
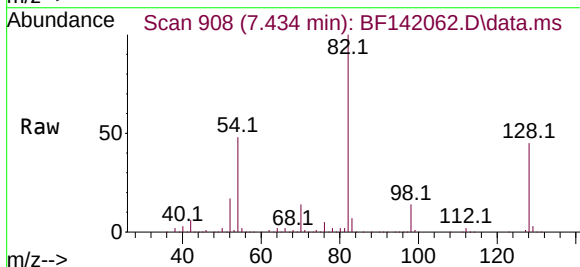
Tgt Ion: 82 Resp: 959922

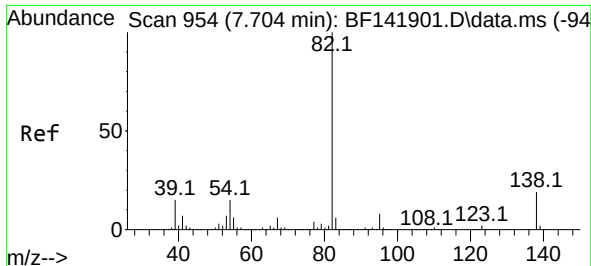
Ion Ratio Lower Upper

82 100

128 45.3 36.0 54.0

54 48.1 39.6 59.4

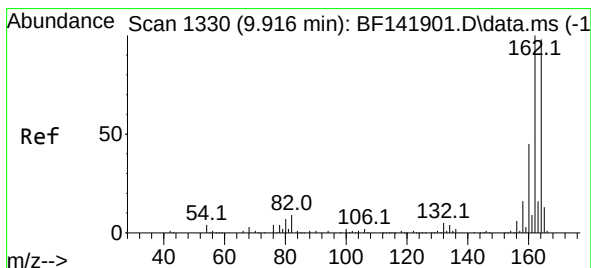
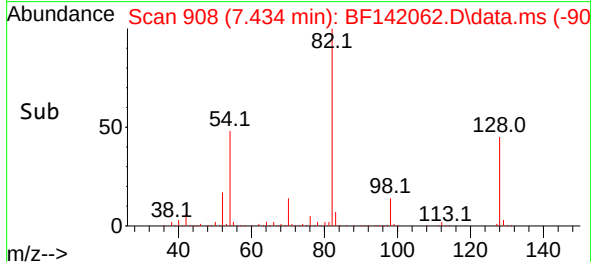
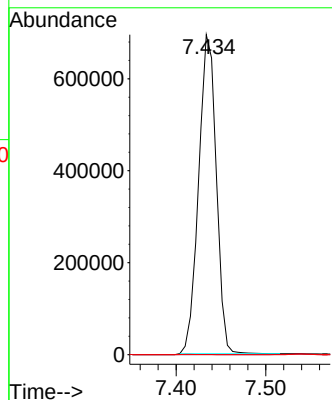
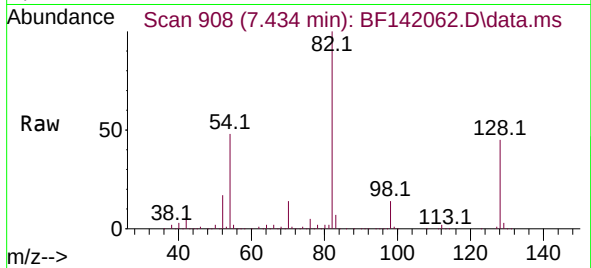




#25
Isophorone
Concen: 57.782 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

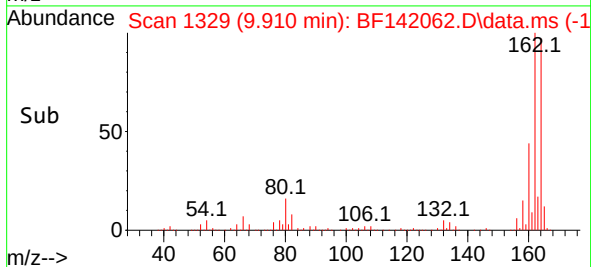
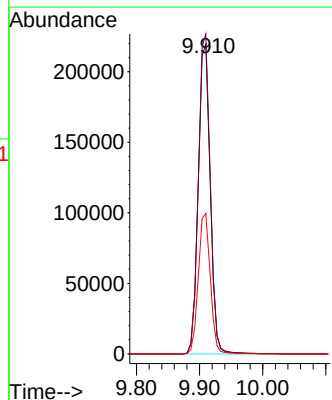
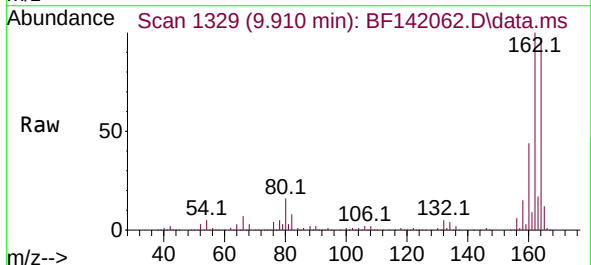
Instrument :
BNA_F
ClientSampleId :

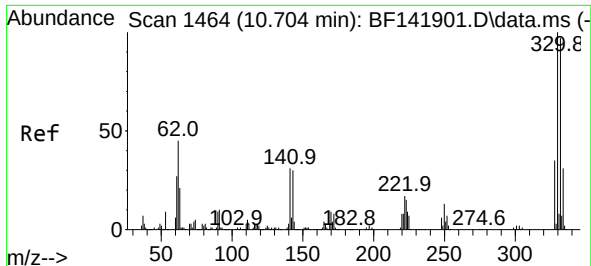
Tgt Ion: 82 Resp: 947244
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

Tgt Ion:164 Resp: 289880
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 45.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 163.268 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF142062.D

Acq: 24 Mar 2025 18:53

Instrument :

BNA_F

ClientSampleId :

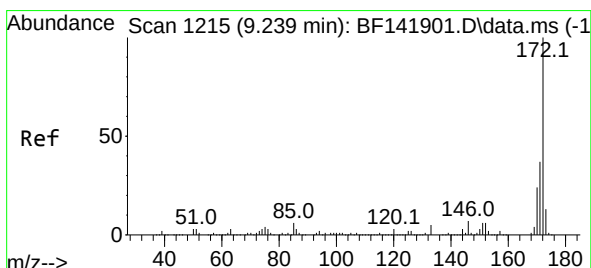
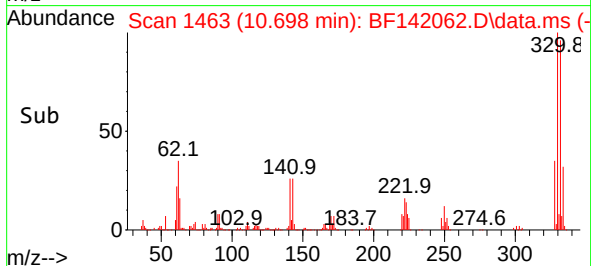
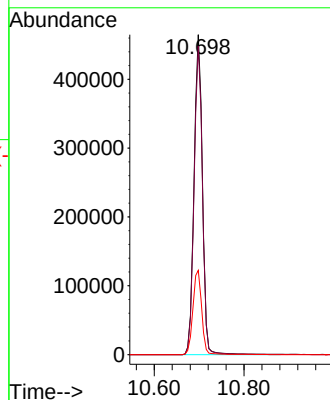
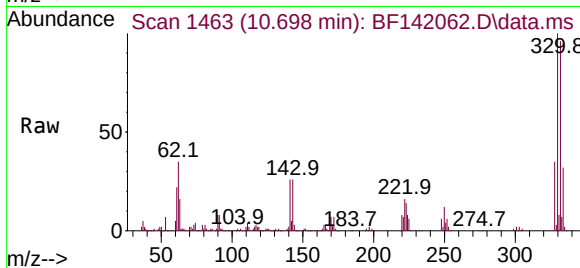
Tgt Ion:330 Resp: 600419

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 27.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 105.465 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142062.D

Acq: 24 Mar 2025 18:53

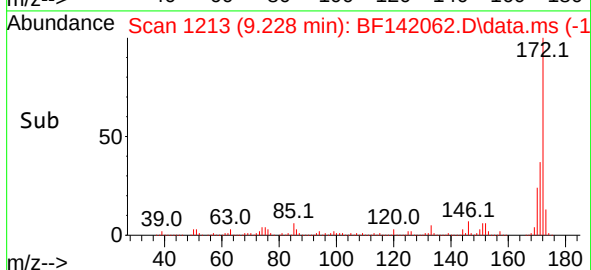
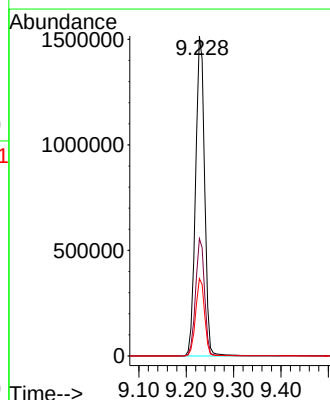
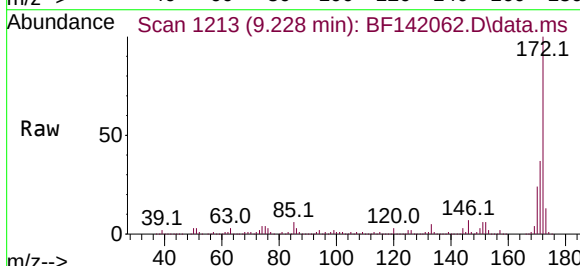
Tgt Ion:172 Resp: 2010263

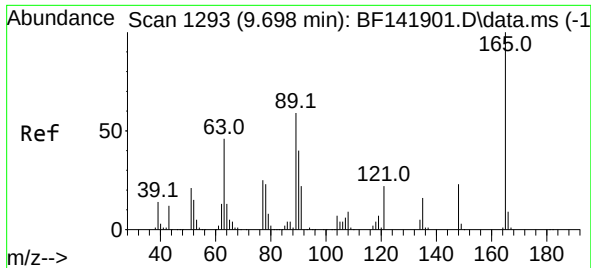
Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

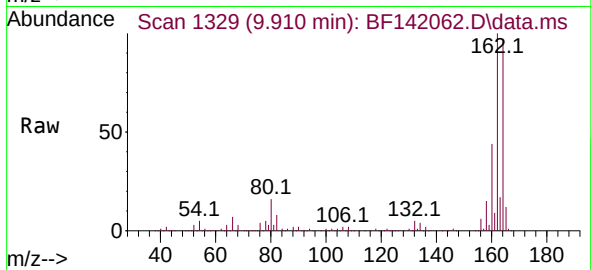
170 24.1 19.4 29.0



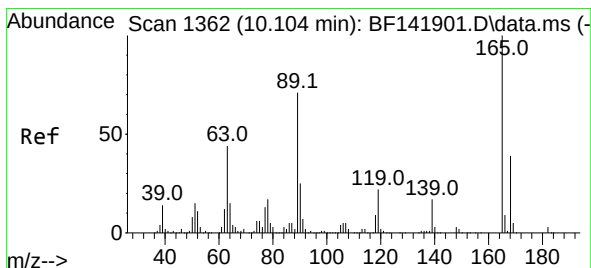
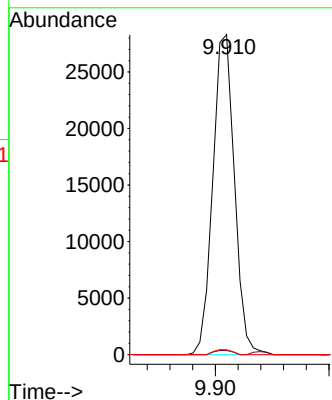
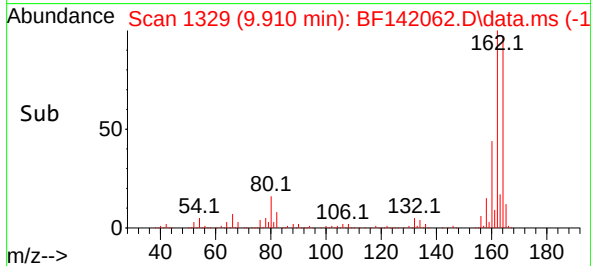


#51
2,6-Dinitrotoluene
Concen: 8.863 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

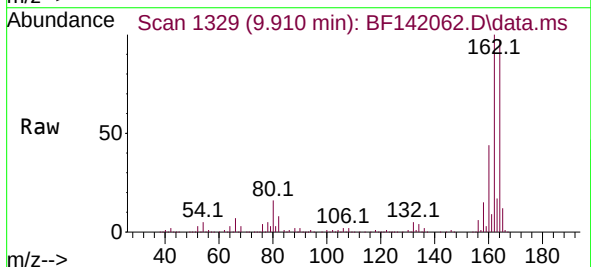
Instrument :
BNA_F
ClientSampleId :



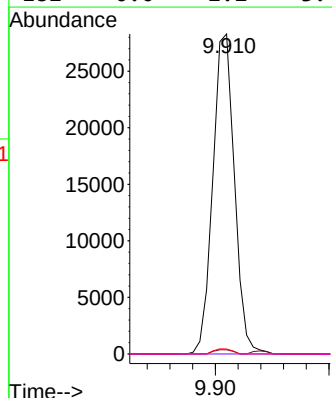
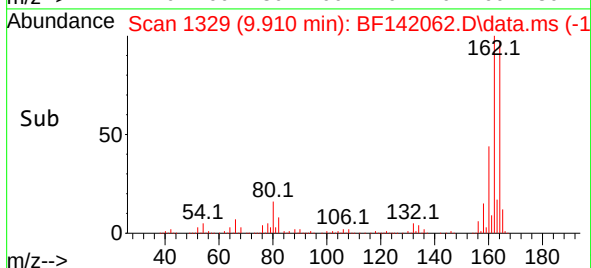
Tgt Ion:165 Resp: 37462
Ion Ratio Lower Upper
165 100
63 1.3 47.0 70.4#
89 1.5 47.4 71.2#

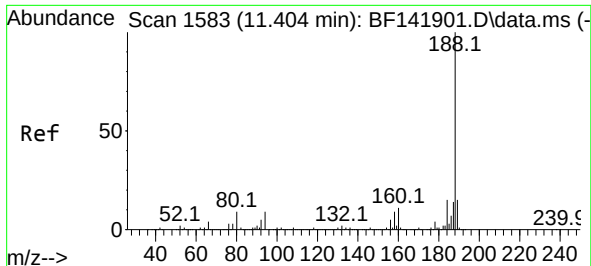


#57
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53



Tgt Ion:165 Resp: 37462
Ion Ratio Lower Upper
165 100
63 1.3 35.4 53.2#
89 1.5 56.6 84.8#
182 0.0 2.2 3.4#

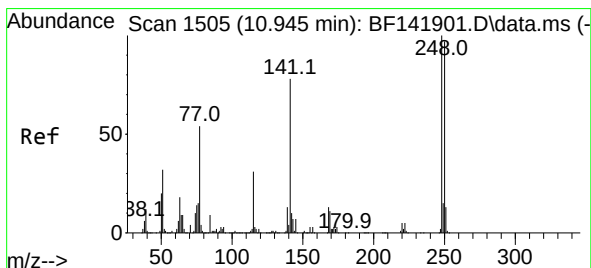
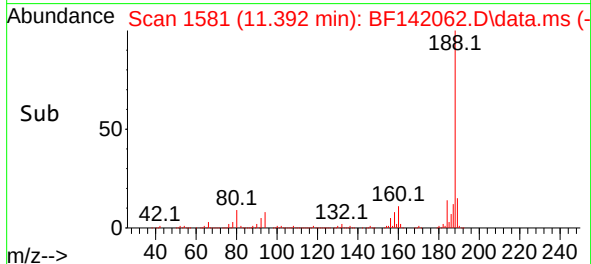
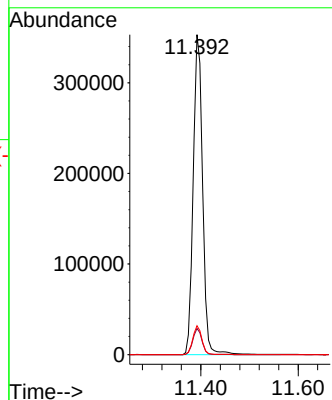
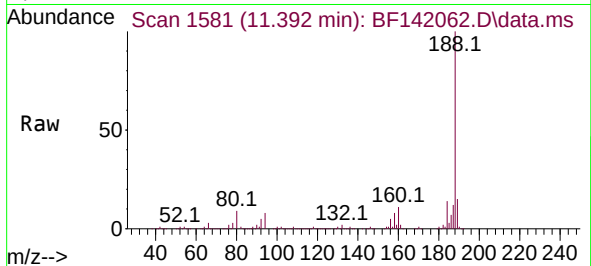




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

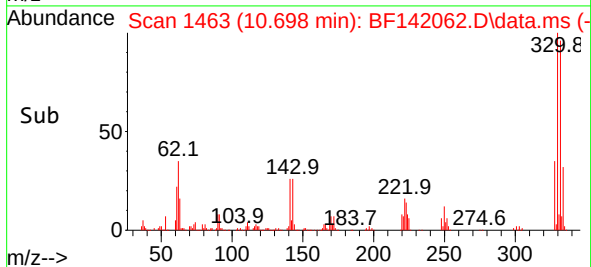
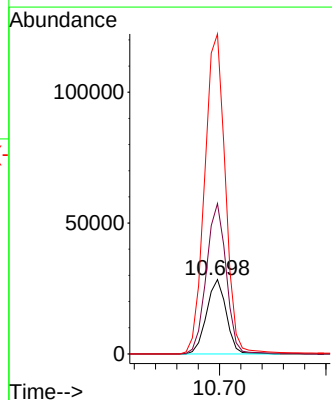
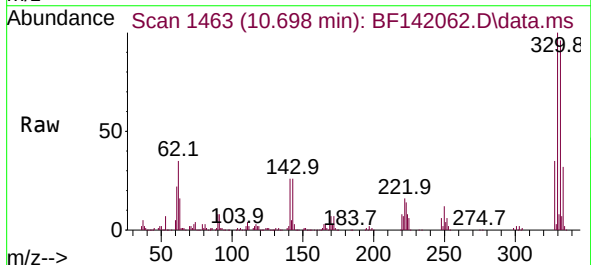
Instrument :
BNA_F
ClientSampleId :

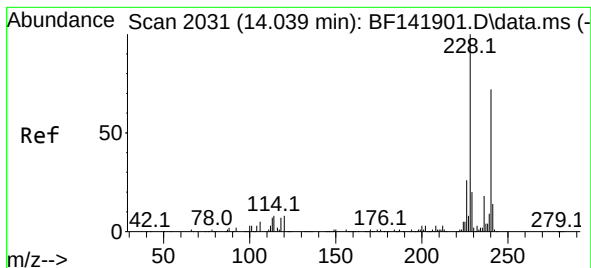
Tgt Ion:188 Resp: 469073
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 6.186 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142062.D
Acq: 24 Mar 2025 18:53

Tgt Ion:248 Resp: 36439
Ion Ratio Lower Upper
248 100
250 202.2 77.8 116.8#
141 430.5 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

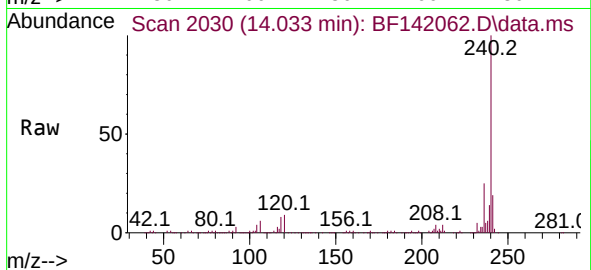
Lab File: BF142062.D

Acq: 24 Mar 2025 18:53

Instrument :

BNA_F

ClientSampleId :



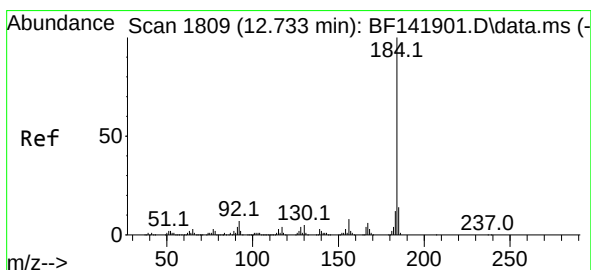
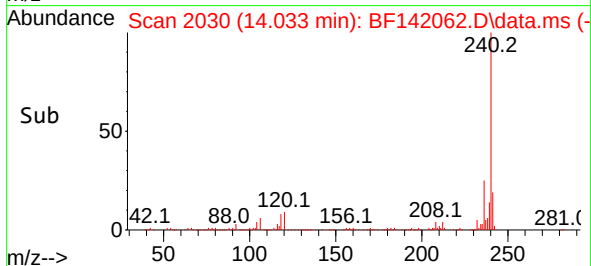
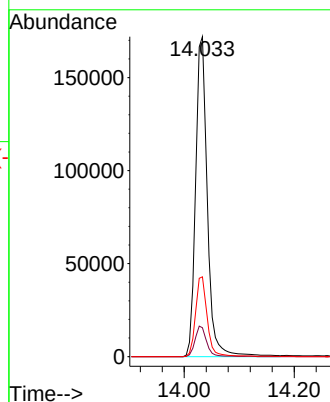
Tgt Ion:240 Resp: 255544

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

236 24.9 20.5 30.7



#77

Benzdine

Concen: 7.549 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF142062.D

Acq: 24 Mar 2025 18:53

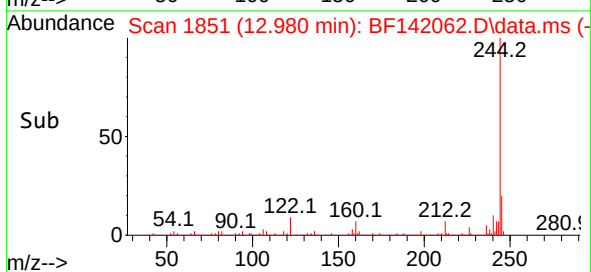
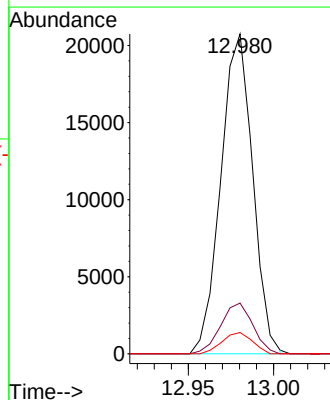
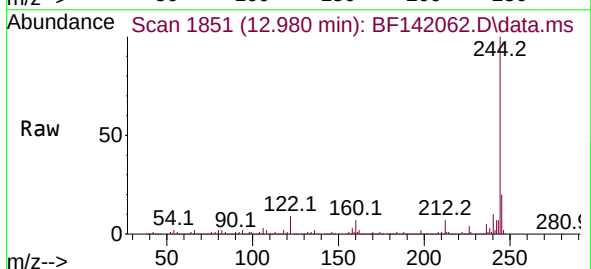
Tgt Ion:184 Resp: 26915

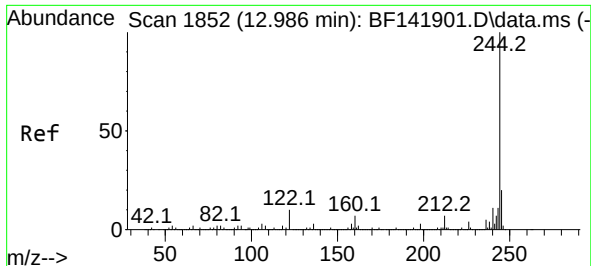
Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

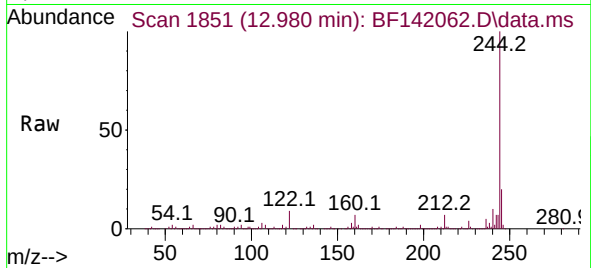
183 6.7 9.7 14.5#



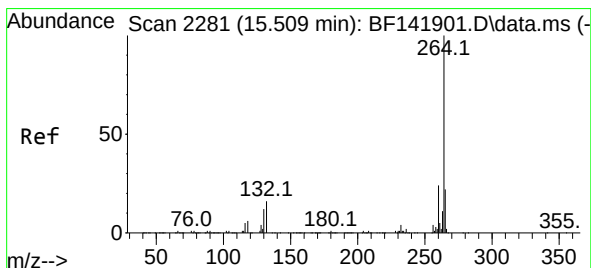
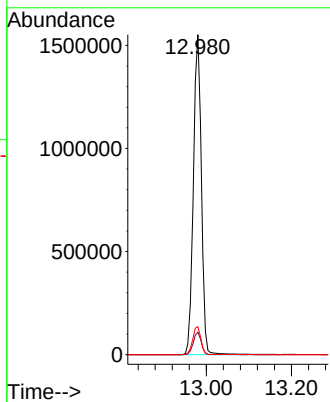
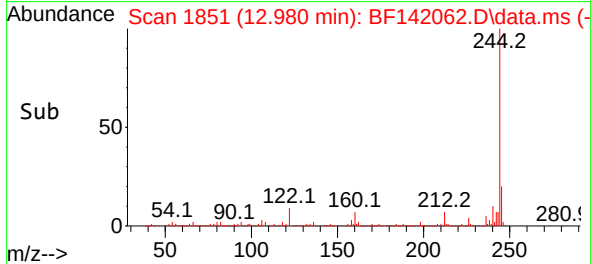


#79
 Terphenyl-d14
 Concen: 116.904 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142062.D
 Acq: 24 Mar 2025 18:53

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2020640
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.7 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142062.D
 Acq: 24 Mar 2025 18:53

Tgt Ion:264 Resp: 258621
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.2 17.5 26.3

