

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142060.D
 Acq On : 24 Mar 2025 17:54
 Operator : RC/JU
 Sample : Q1606-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 18:32:50 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)

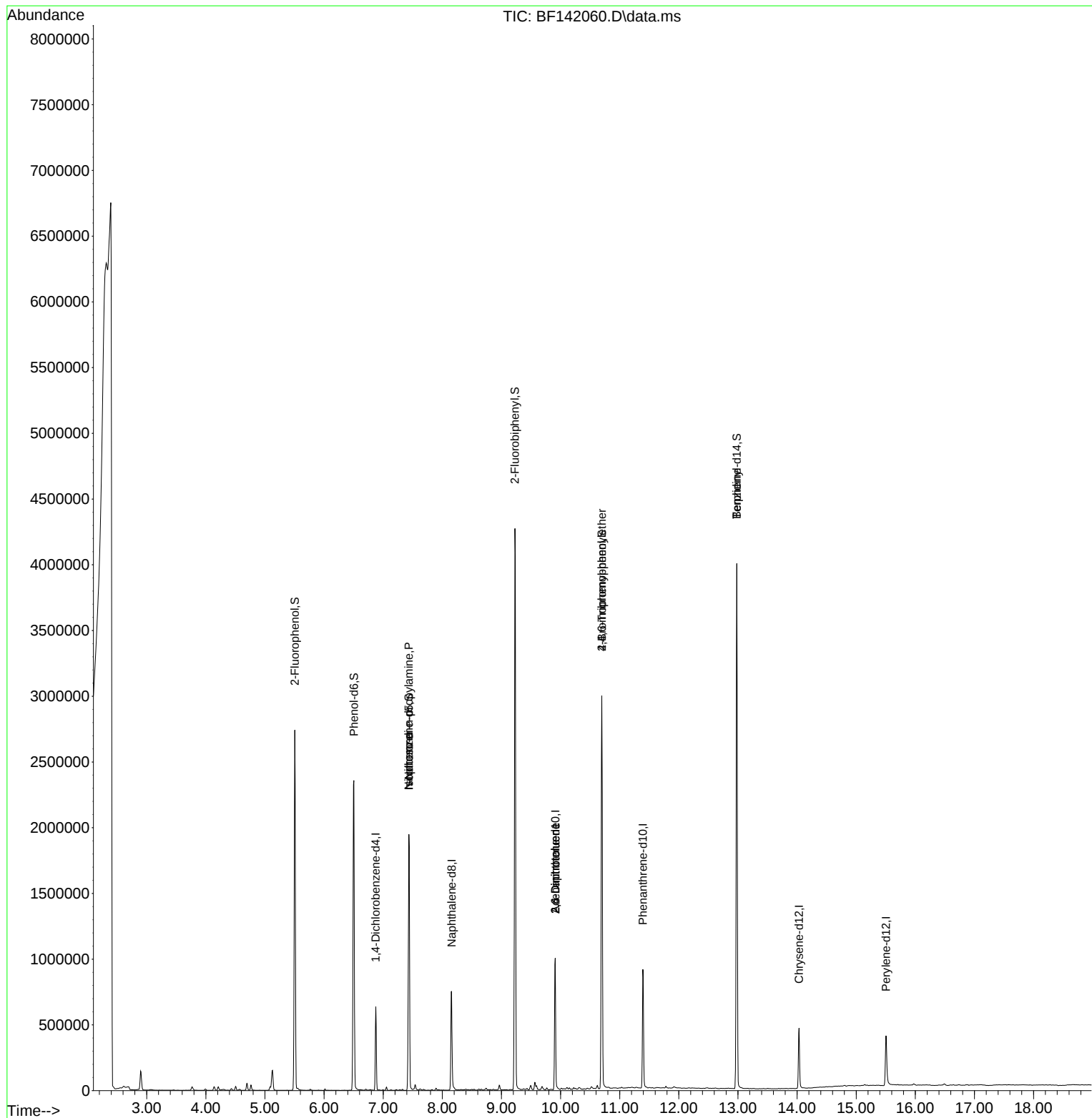
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	130753	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	522520	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	312283	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	486411	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	250197	20.000	ng	0.00
86) Perylene-d12	15.504	264	259872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1090697	139.219	ng	0.01
7) Phenol-d6	6.504	99	1230222	123.332	ng	0.00
23) Nitrobenzene-d5	7.434	82	932202	100.399	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	591792	149.377	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1958935	95.400	ng	-0.01
79) Terphenyl-d14	12.980	244	2049009	121.079	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	131984	20.592	ng	# 78
25) Isophorone	7.434	82	912699	55.609	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	41341	9.080	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	41714	7.014	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	36535	5.981	ng	# 1
77) Benzidine	12.980	184	26213	7.509	ng	# 92

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

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Operator : RC/JU
Sample : Q1606-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

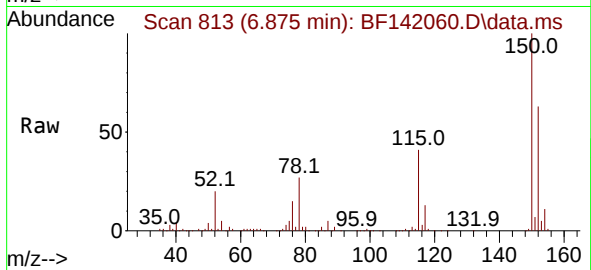
Quant Time: Mar 24 18:32:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



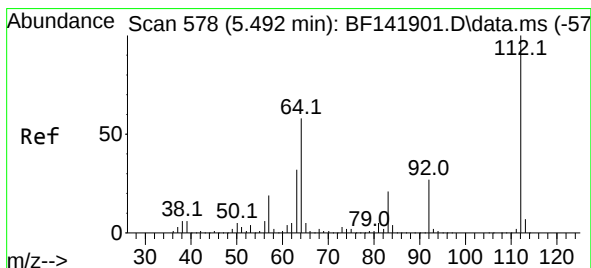
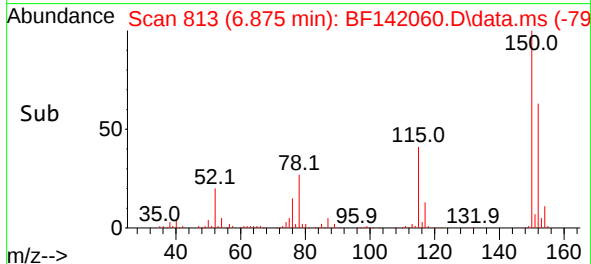
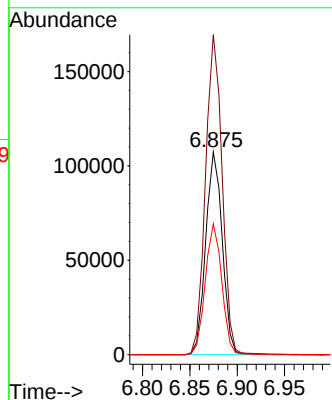


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Instrument :
BNA_F
ClientSampleId :

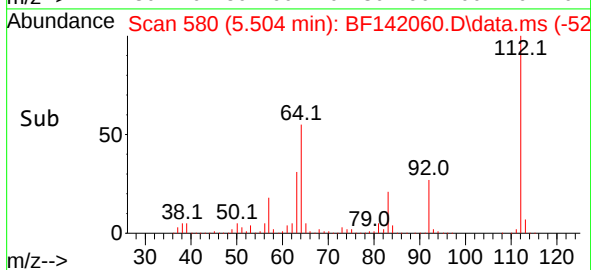
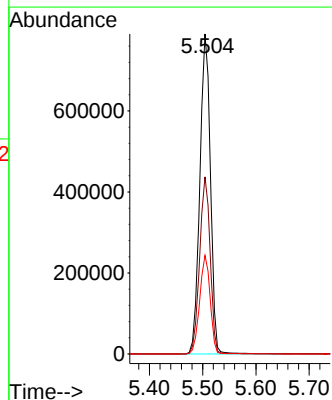
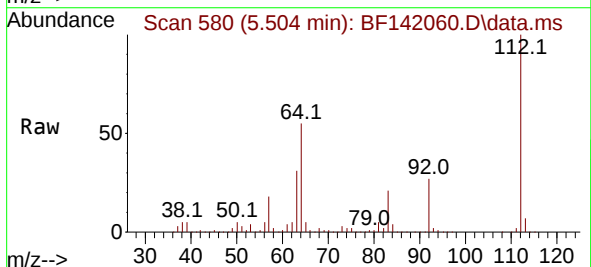


Tgt Ion:152 Resp: 130753
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 139.219 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

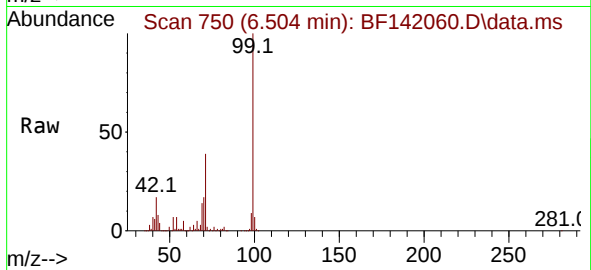
Tgt Ion:112 Resp: 1090697
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.8 25.4 38.2





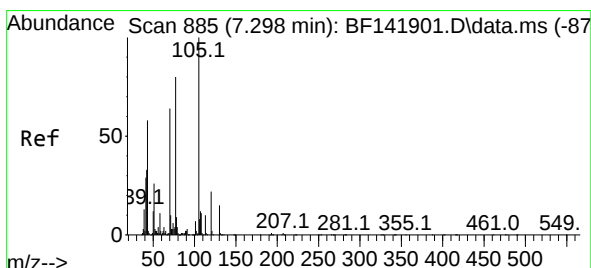
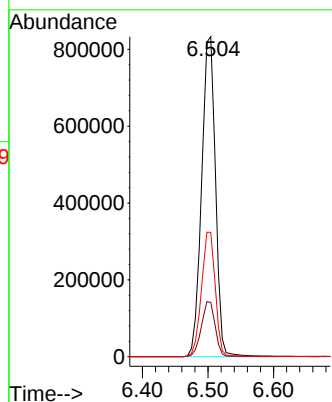
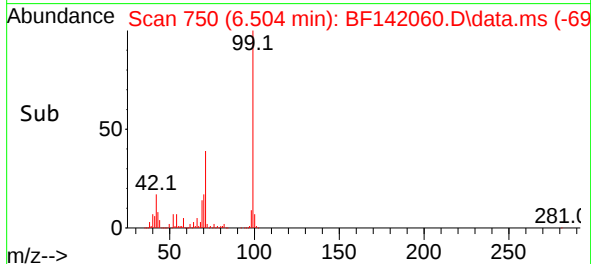
#7
Phenol-d6
Concen: 123.332 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Instrument :
BNA_F
ClientSampleId :

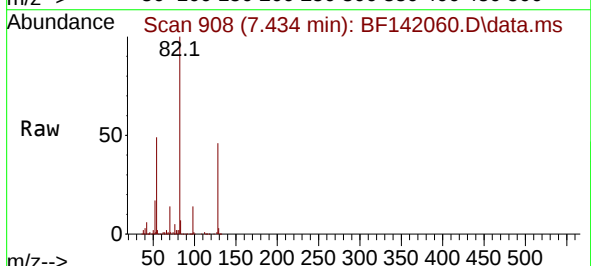


Tgt Ion: 99 Resp: 1230222

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	21.8
71	38.8	30.8	46.2

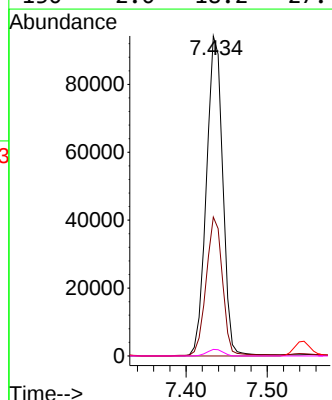
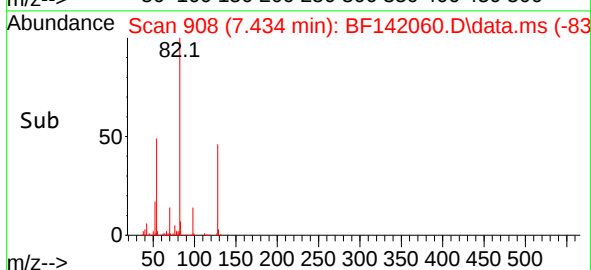


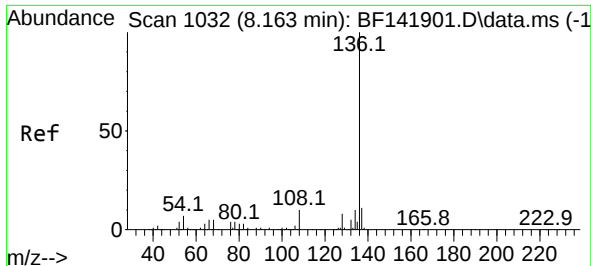
#19
n-Nitroso-di-n-propylamine
Concen: 20.592 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54



Tgt Ion: 70 Resp: 131984

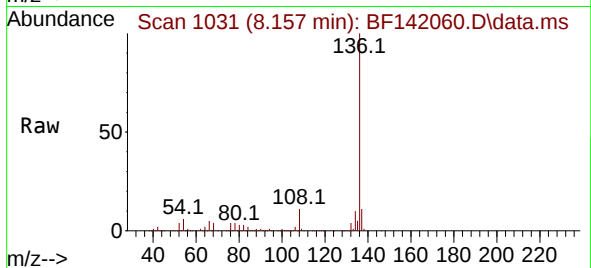
Ion	Ratio	Lower	Upper
70	100		
42	43.4	41.4	62.0
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



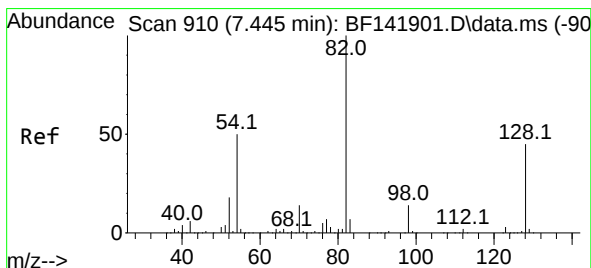
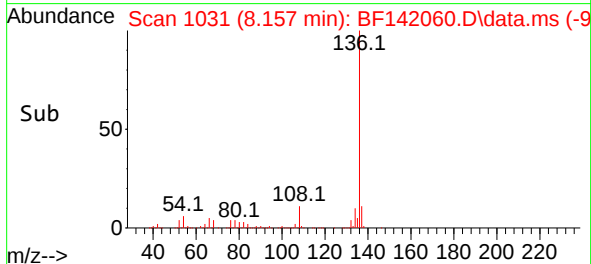
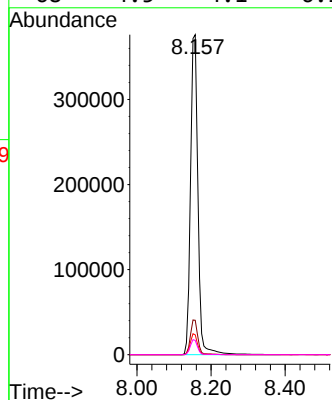


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Instrument :
BNA_F
ClientSampleId :

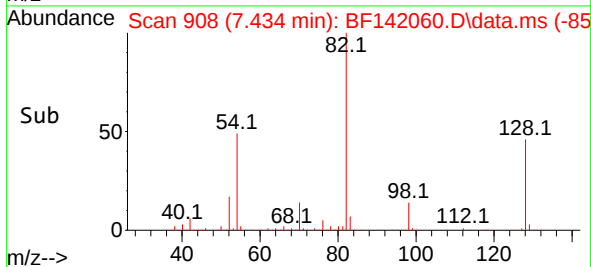
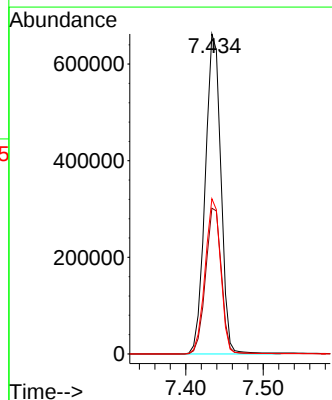
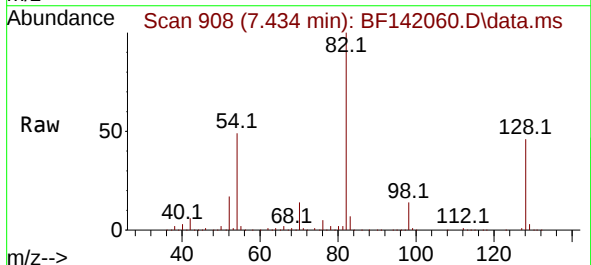


Tgt Ion:136 Resp: 522520
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.2 5.8 8.8
68 4.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 100.399 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Tgt Ion: 82 Resp: 932202
Ion Ratio Lower Upper
82 100
128 45.6 36.0 54.0
54 48.5 39.6 59.4

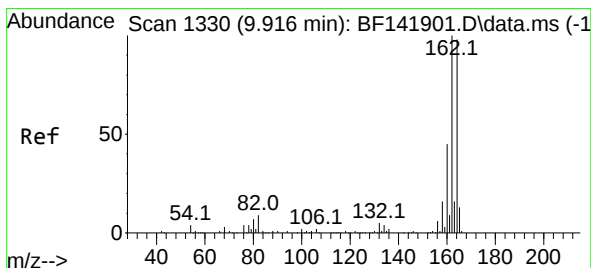
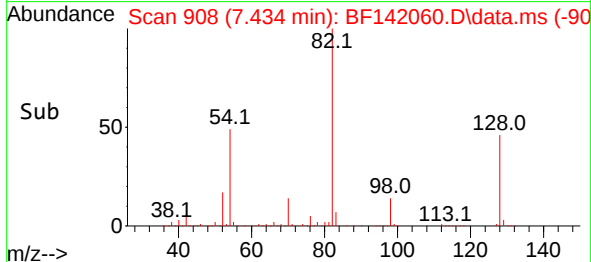
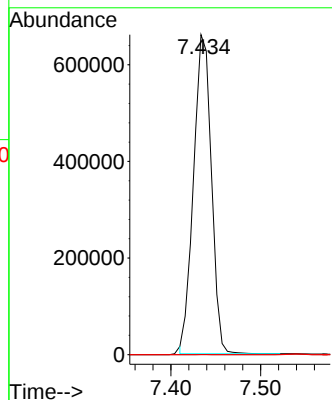
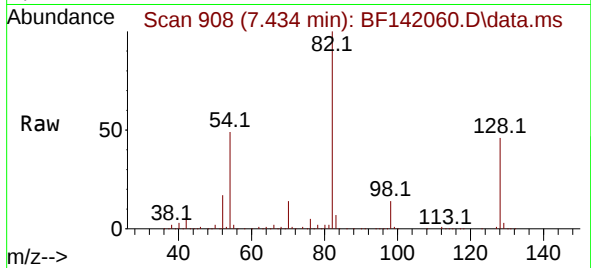




#25
Isophorone
Concen: 55.609 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

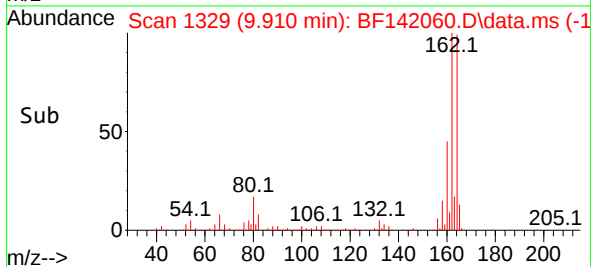
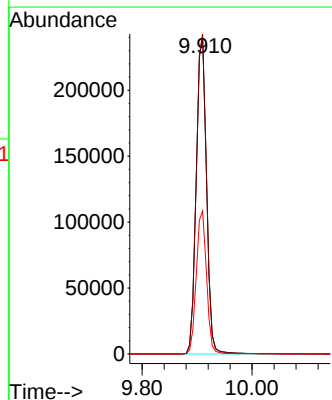
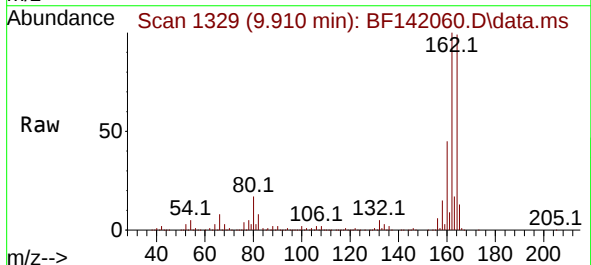
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 912699
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: BF142060.D
Acq: 24 Mar 2025 17:54

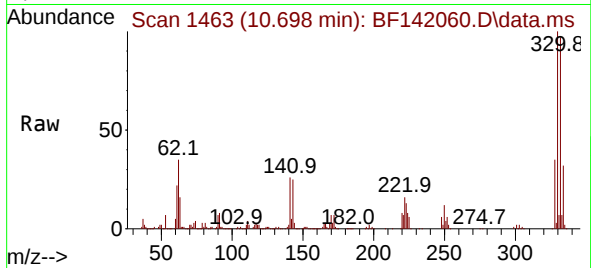
Tgt Ion:164 Resp: 312283
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 45.1 36.7 55.1



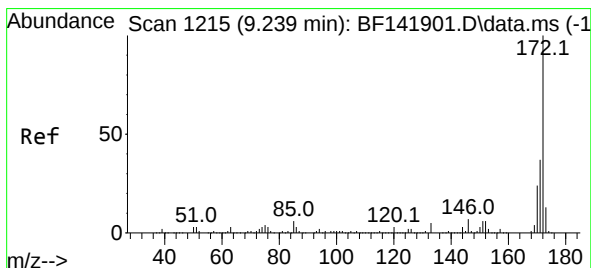
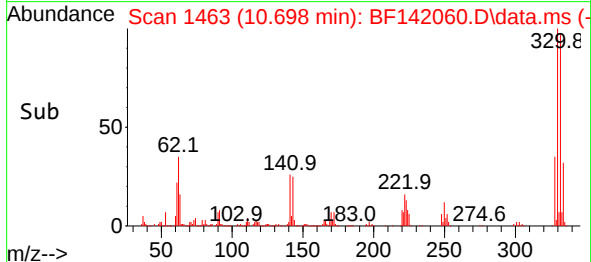
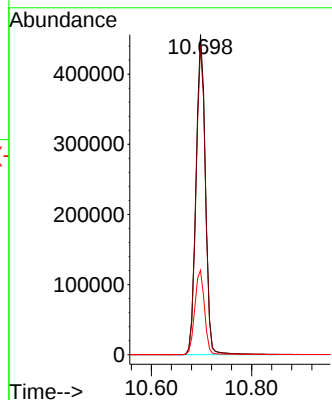


#42
2,4,6-Tribromophenol
Concen: 149.377 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Instrument :
BNA_F
ClientSampleId :

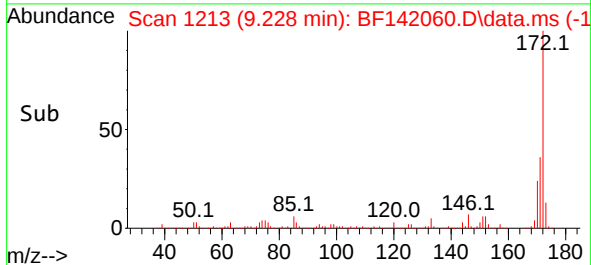
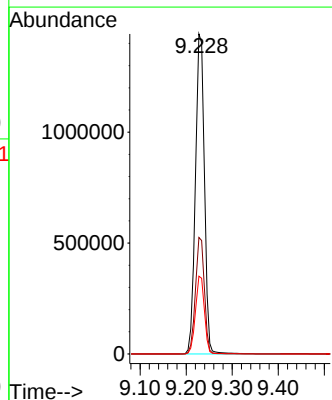
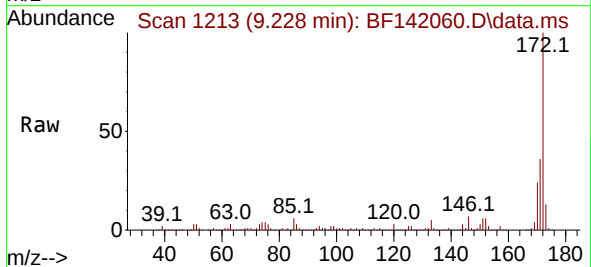


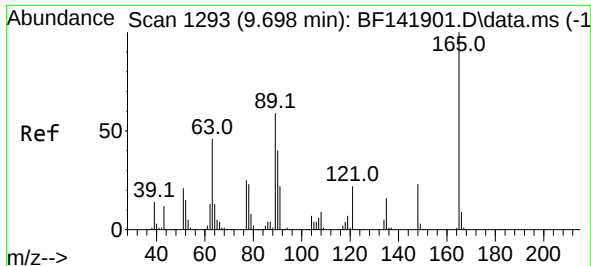
Tgt Ion:330 Resp: 591792
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 27.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 95.400 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

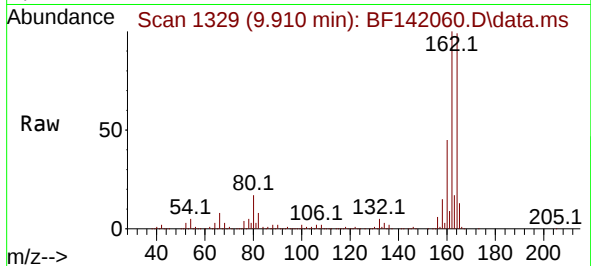
Tgt Ion:172 Resp: 1958935
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.3 19.4 29.0



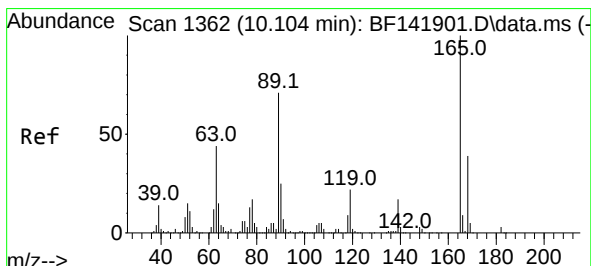
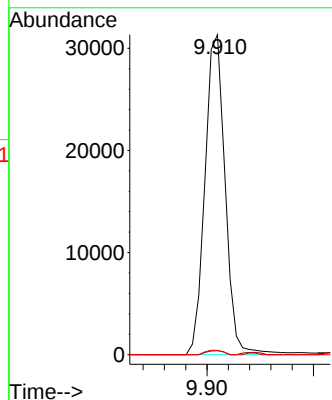
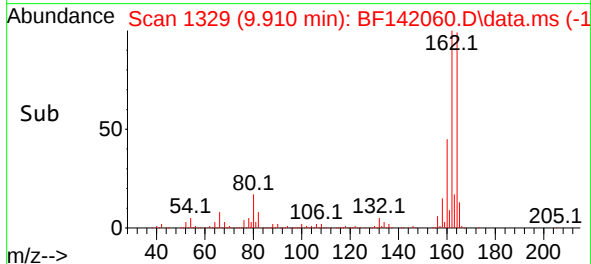


#51
2,6-Dinitrotoluene
Concen: 9.080 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Instrument :
BNA_F
ClientSampleId :

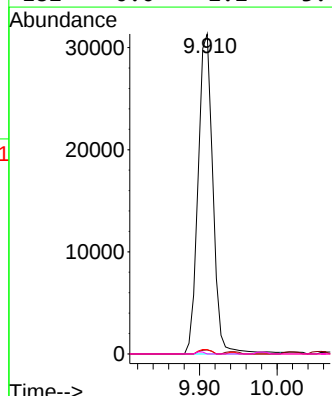
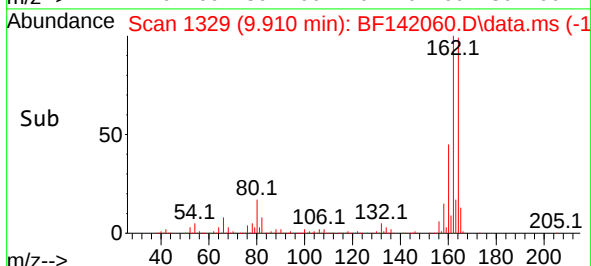
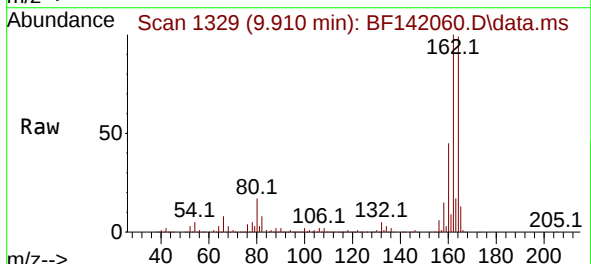


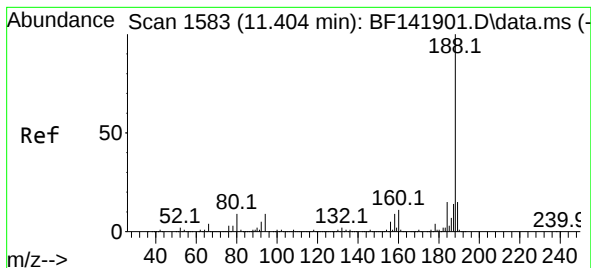
Tgt Ion:165 Resp: 41341
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.4 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.014 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Tgt Ion:165 Resp: 41714
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.2#
89 1.4 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: BF142060.D

Acq: 24 Mar 2025 17:54

Instrument :

BNA_F

ClientSampleId :

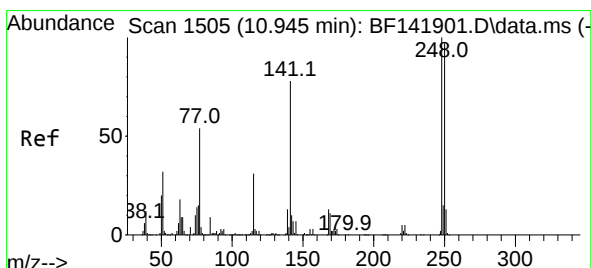
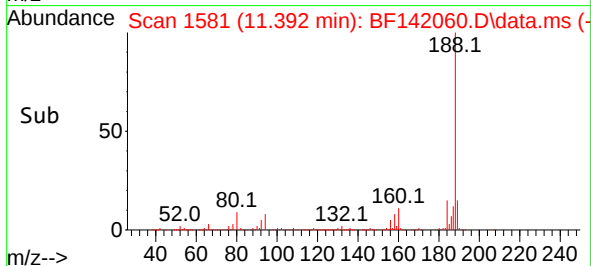
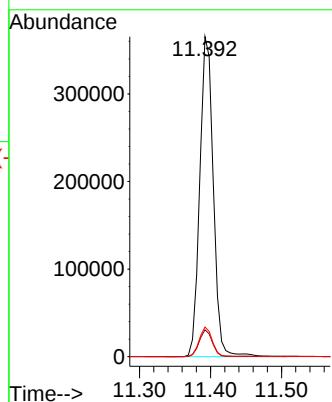
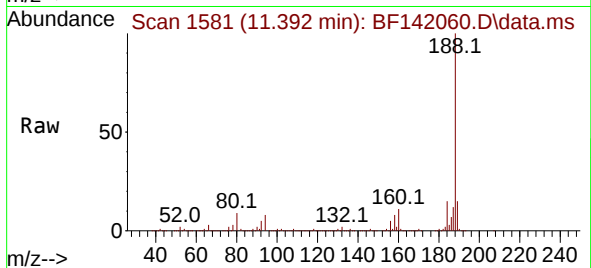
Tgt Ion:188 Resp: 486411

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 9.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.981 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF142060.D

Acq: 24 Mar 2025 17:54

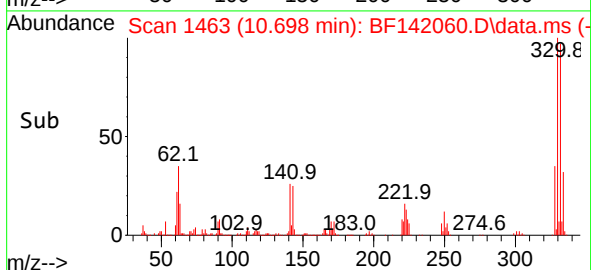
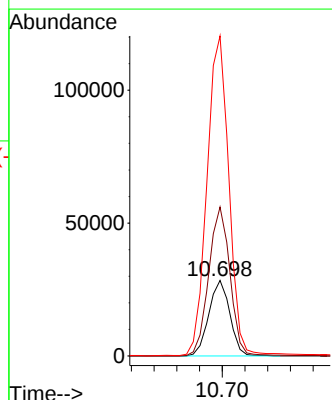
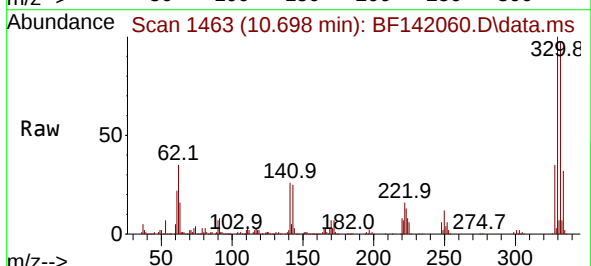
Tgt Ion:248 Resp: 36535

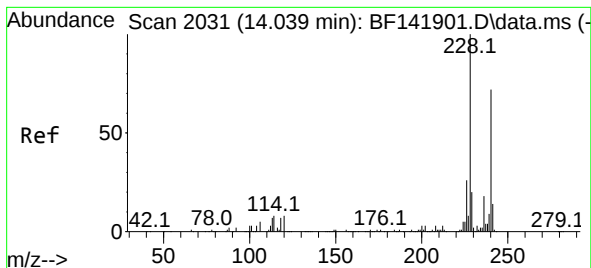
Ion Ratio Lower Upper

248 100

250 197.4 77.8 116.8#

141 424.1 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: BF142060.D

Acq: 24 Mar 2025 17:54

Instrument :

BNA_F

ClientSampleId :

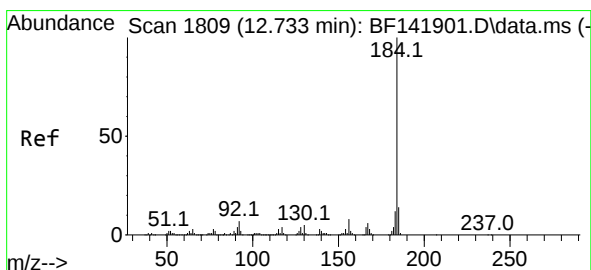
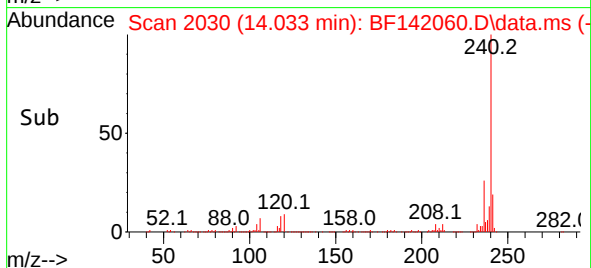
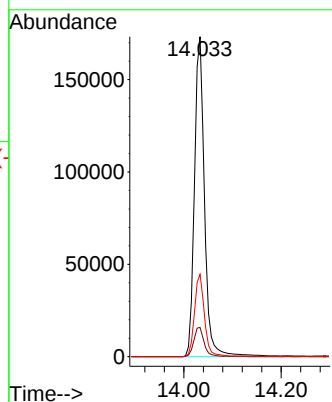
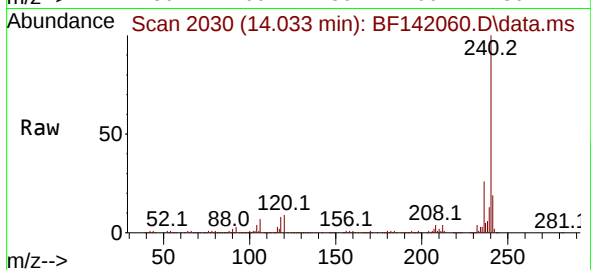
Tgt Ion:240 Resp: 250197

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

236 25.7 20.5 30.7



#77

Benzidine

Concen: 7.509 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF142060.D

Acq: 24 Mar 2025 17:54

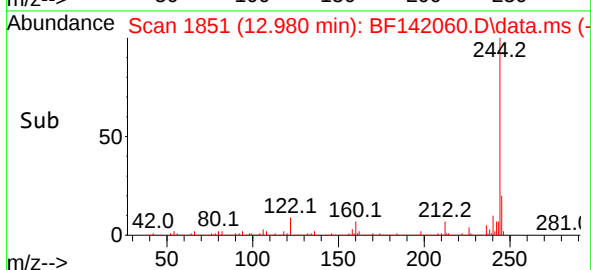
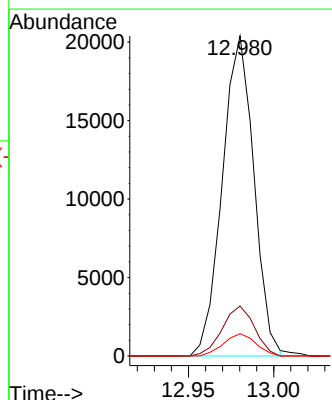
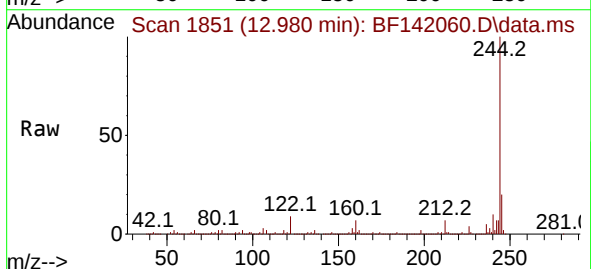
Tgt Ion:184 Resp: 26213

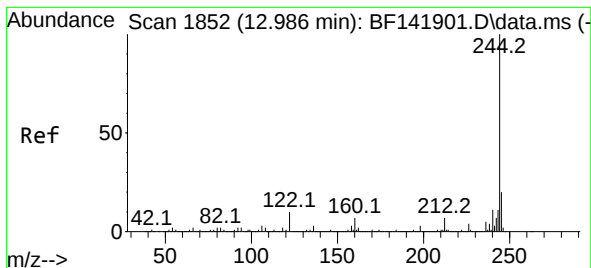
Ion Ratio Lower Upper

184 100

185 15.6 11.5 17.3

183 7.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 121.079 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

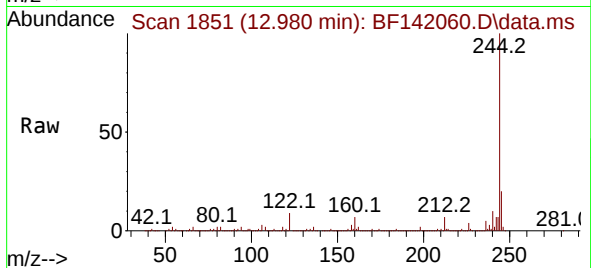
Lab File: BF142060.D

Acq: 24 Mar 2025 17:54

Instrument :

BNA_F

ClientSampleId :



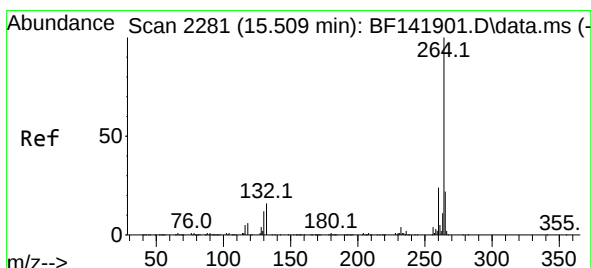
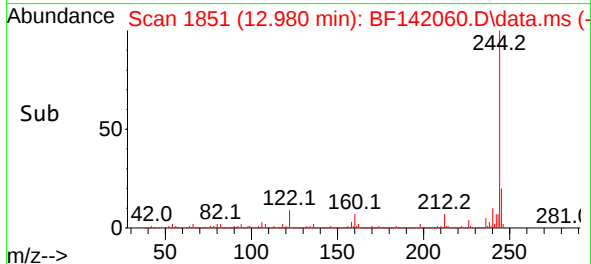
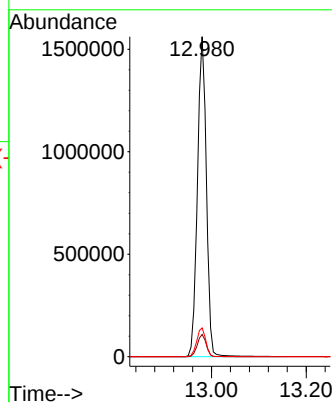
Tgt Ion:244 Resp: 2049009

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.0 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: BF142060.D

Acq: 24 Mar 2025 17:54

Tgt Ion:264 Resp: 259872

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.6 17.5 26.3

