

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141215.D
 Acq On : 20 Jan 2025 11:56
 Operator : RC/JU
 Sample : PB166067TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166067TB

Quant Time: Jan 20 12:16:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

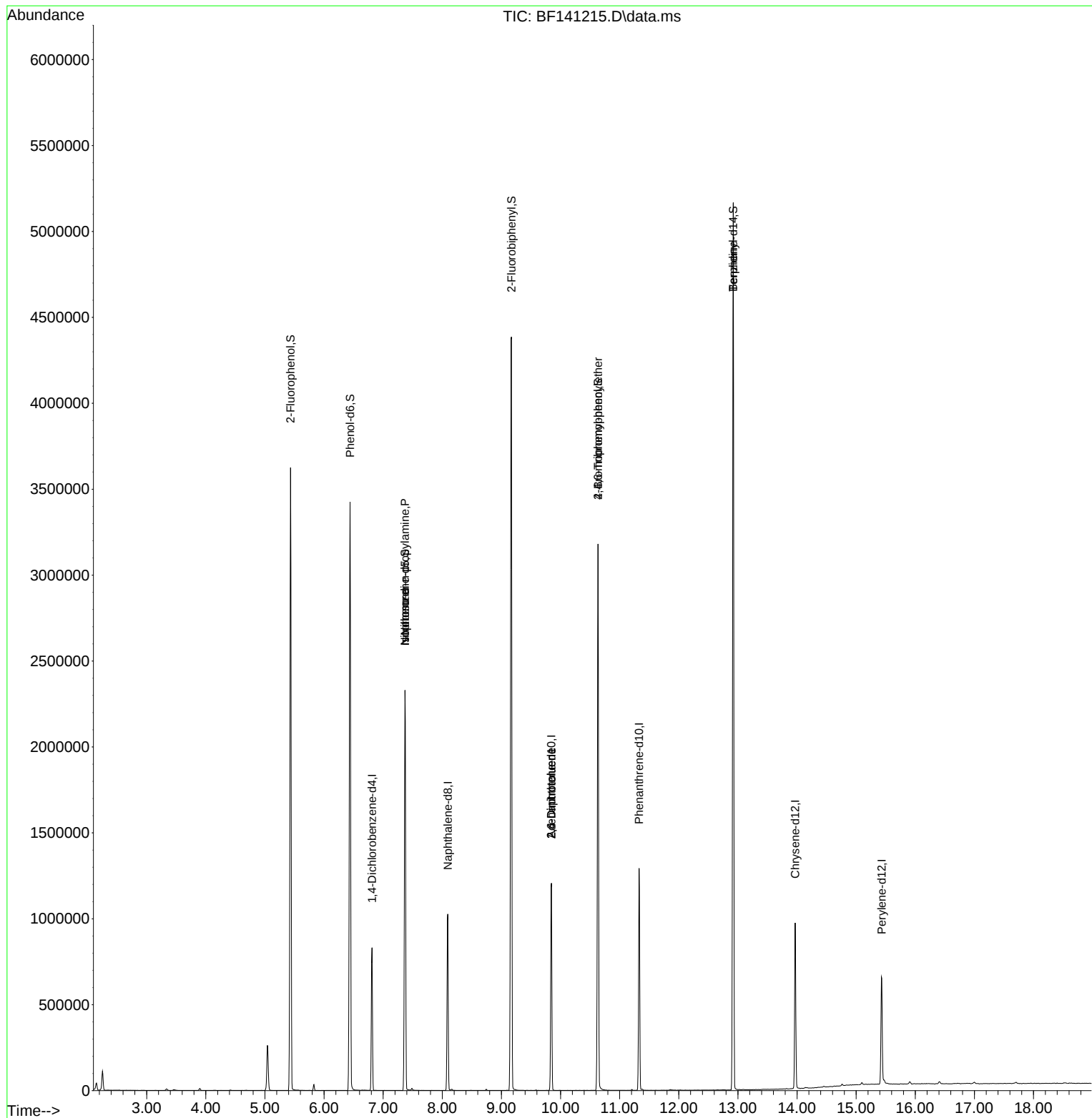
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	174592	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	707492	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	384555	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	662071	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	471473	20.000	ng	-0.02
86) Perylene-d12	15.433	264	371500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1455881	128.817	ng	0.00
7) Phenol-d6	6.440	99	1817210	126.934	ng	0.00
23) Nitrobenzene-d5	7.369	82	1179001	88.336	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	623652	142.329	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2219555	88.137	ng	-0.01
79) Terphenyl-d14	12.922	244	2648106	83.481	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	160464	19.028	ng	# 75
25) Isophorone	7.369	82	1169529	51.275	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	50483	8.409	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	50483	6.525	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	36690	4.813	ng	# 1
77) Benzidine	12.922	184	33187	3.796	ng	# 93

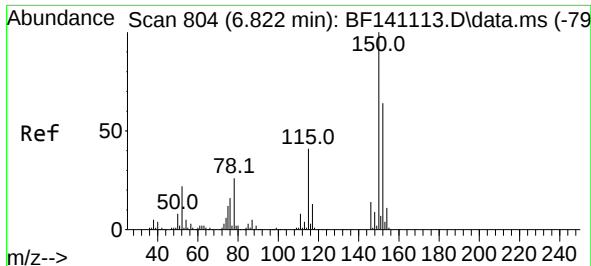
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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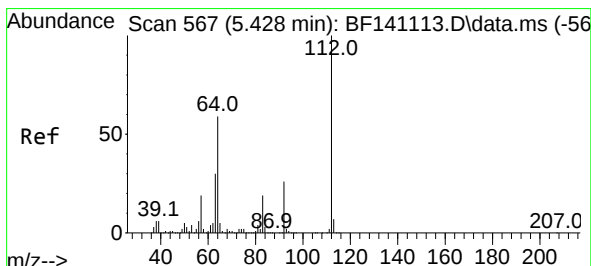
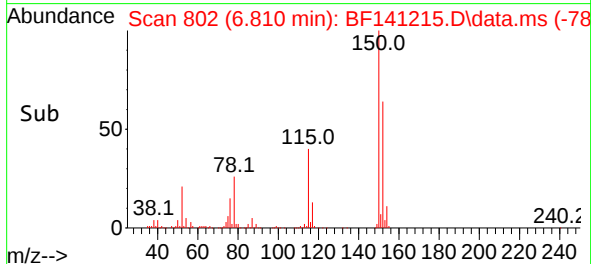
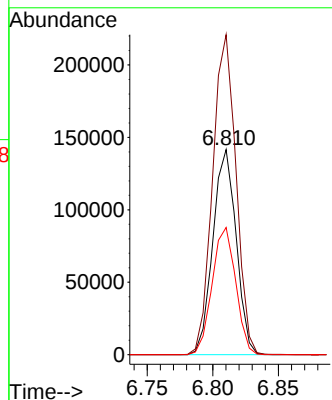
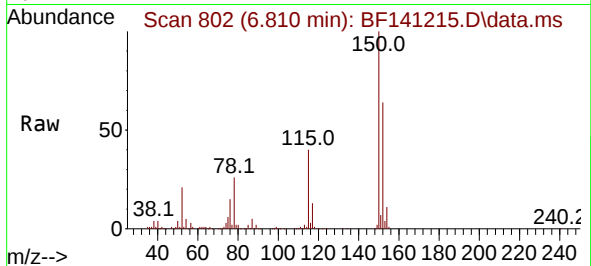




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BF141215.D
 Acq: 20 Jan 2025 11:56

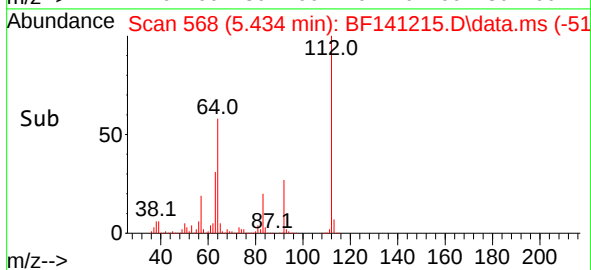
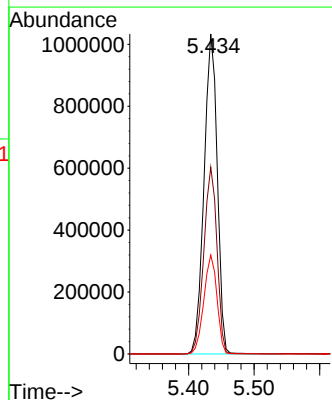
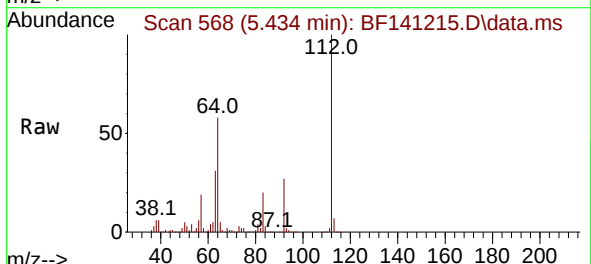
Instrument :
 BNA_F
 ClientSampleId :
 PB166067TB

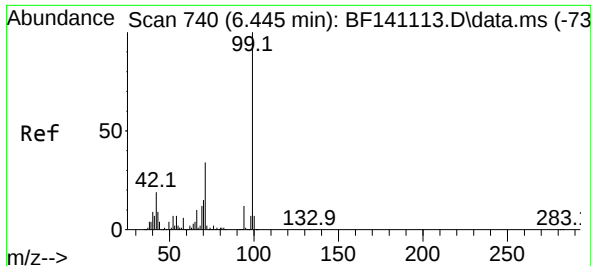
Tgt Ion:152 Resp: 174592
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.8 188.8
 115 62.0 51.4 77.2



#5
 2-Fluorophenol
 Concen: 128.817 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF141215.D
 Acq: 20 Jan 2025 11:56

Tgt Ion:112 Resp: 1455881
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.3 70.9
 63 30.9 24.2 36.2

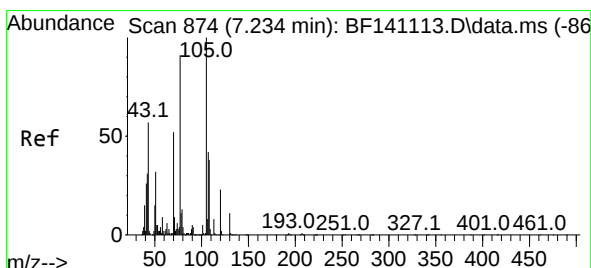
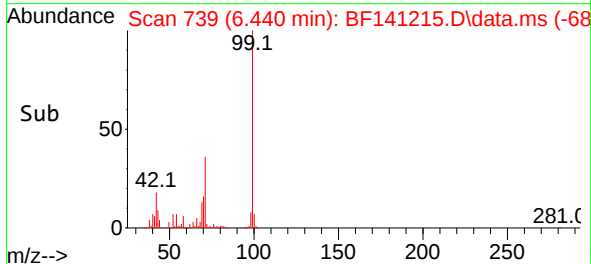
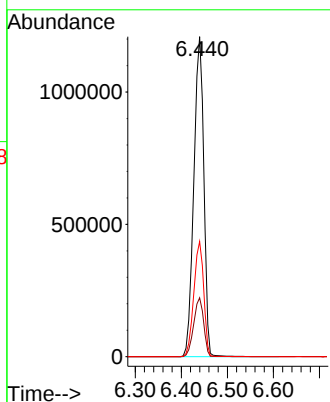
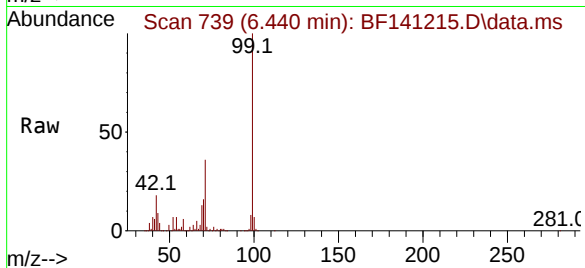




#7
Phenol-d6
Concen: 126.934 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

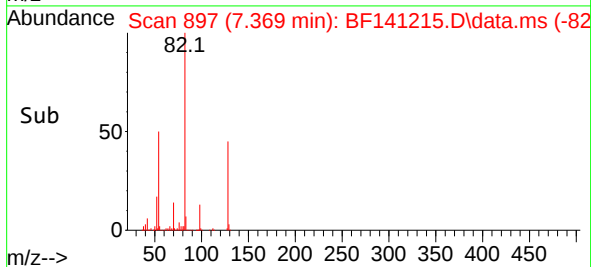
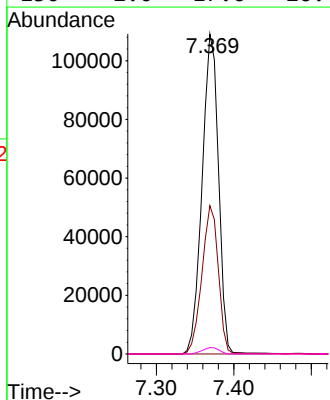
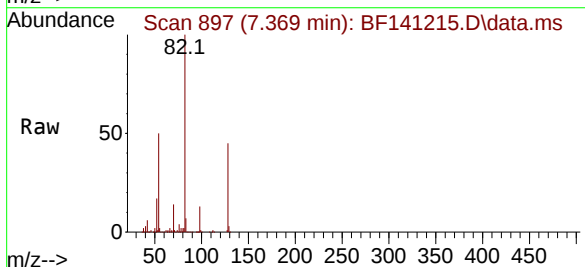
Instrument :
BNA_F
ClientSampleId :
PB166067TB

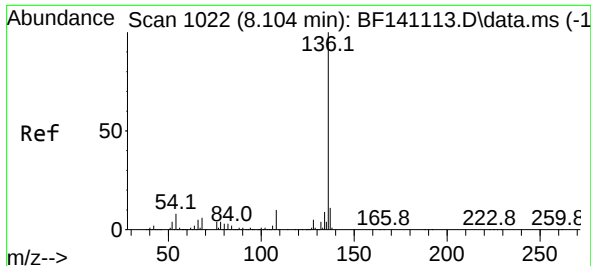
Tgt Ion: 99 Resp: 1817210
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 36.0 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.028 ng
RT: 7.369 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion: 70 Resp: 160464
Ion Ratio Lower Upper
70 100
42 46.3 47.8 71.6#
101 0.0 7.9 11.9#
130 2.0 17.6 26.4#



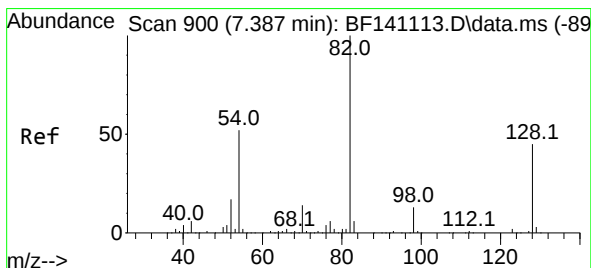
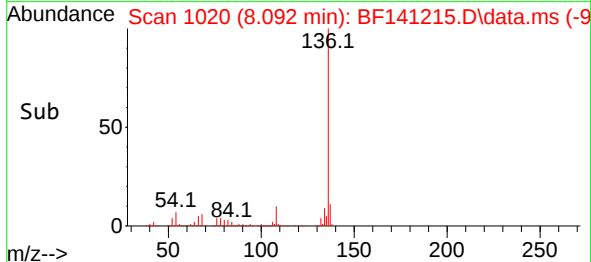
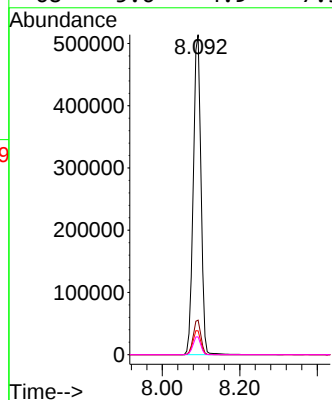
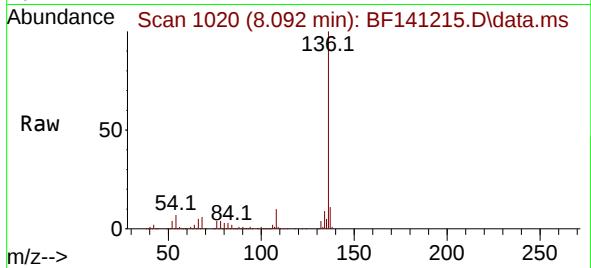


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Tgt Ion:136 Resp: 707492

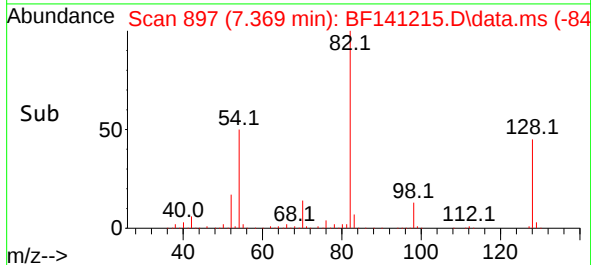
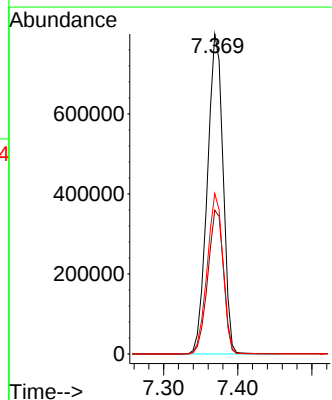
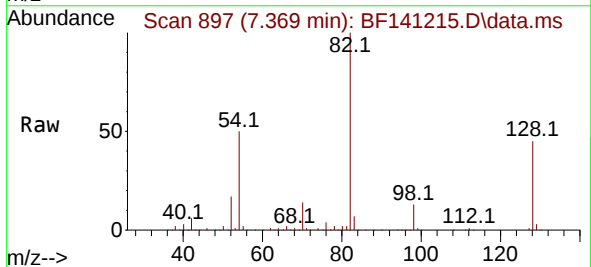
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.6	4.9	7.3

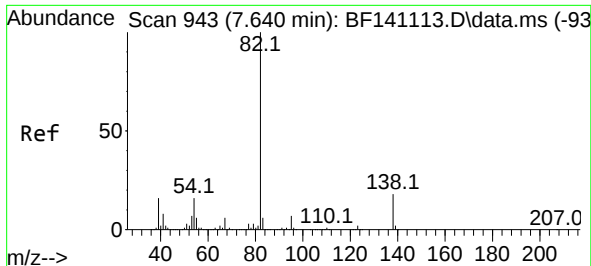


#23
Nitrobenzene-d5
Concen: 88.336 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion: 82 Resp: 1179001

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	50.1	41.0	61.4

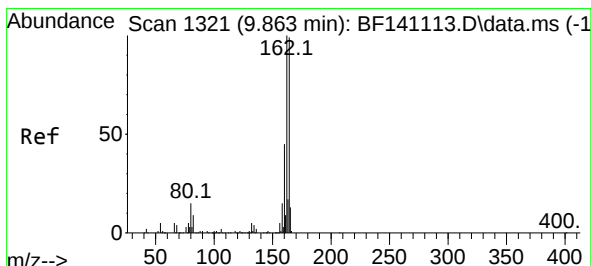
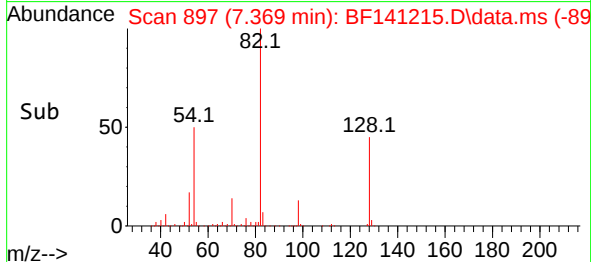
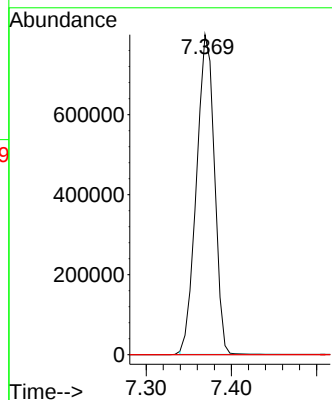
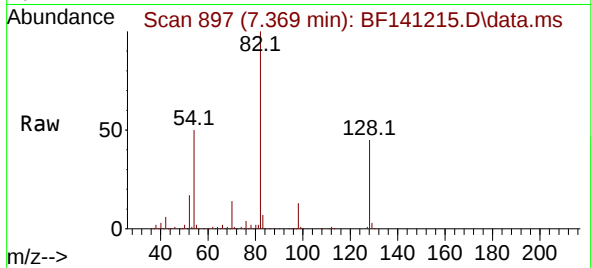




#25
Isophorone
Concen: 51.275 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

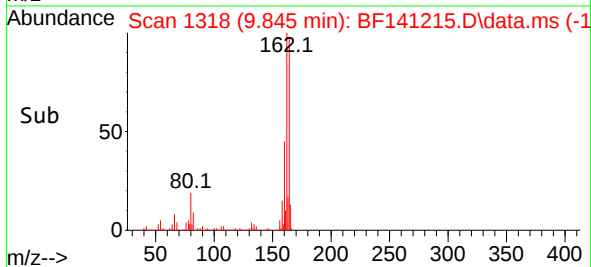
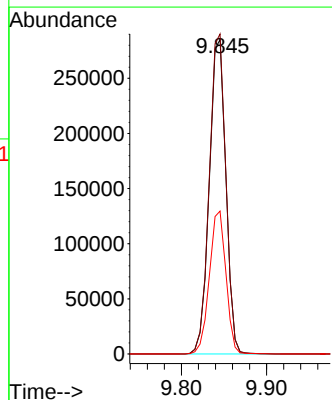
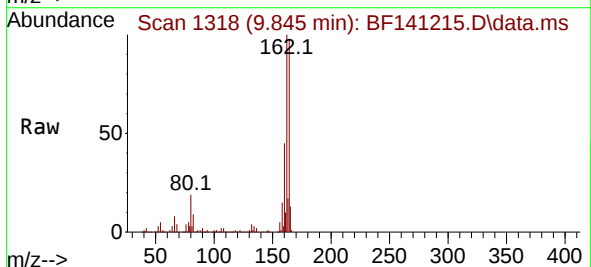
Instrument :
BNA_F
ClientSampleId :
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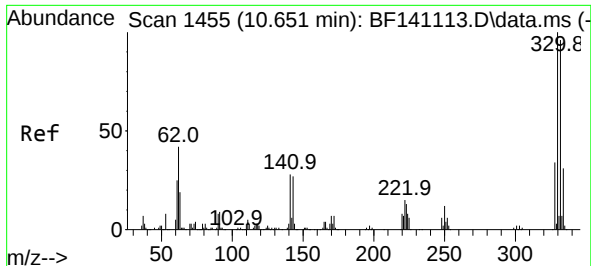
Tgt Ion: 82 Resp: 1169529
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion: 164 Resp: 384555
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.4 36.1 54.1

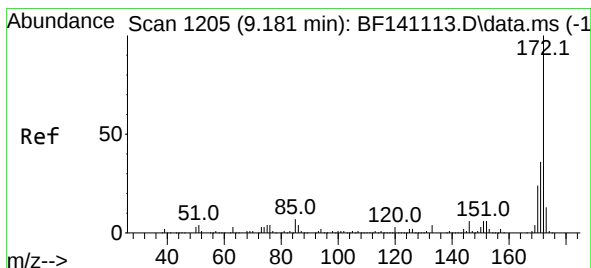
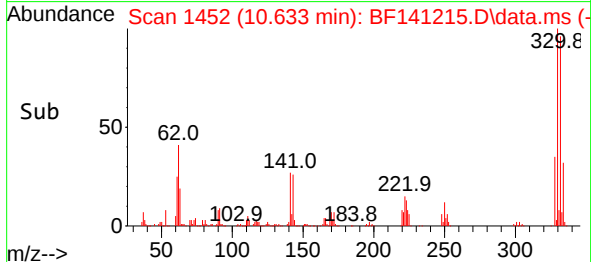
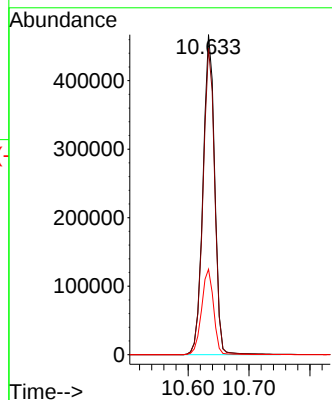
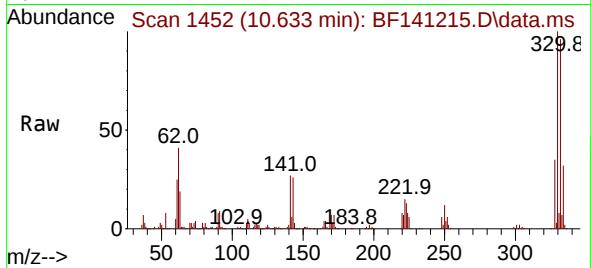




#42
2,4,6-Tribromophenol
Concen: 142.329 ng
RT: 10.633 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

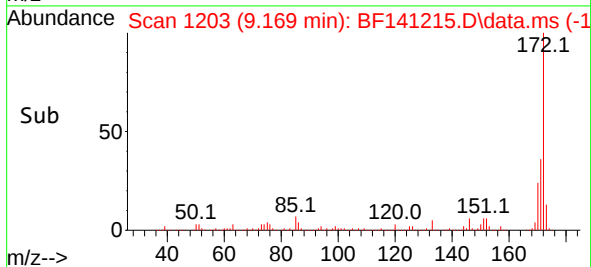
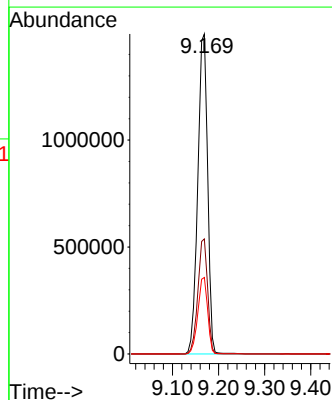
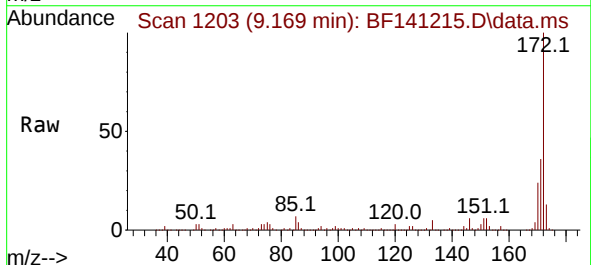
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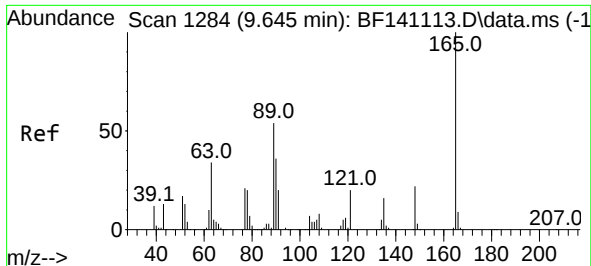
Tgt Ion:330 Resp: 623652
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 27.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 88.137 ng
RT: 9.169 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:172 Resp: 2219555
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.9 19.0 28.6

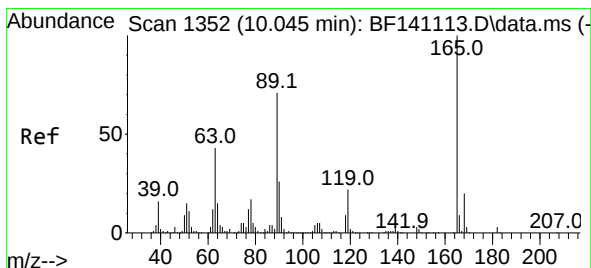
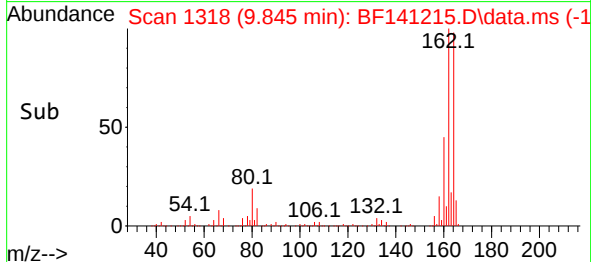
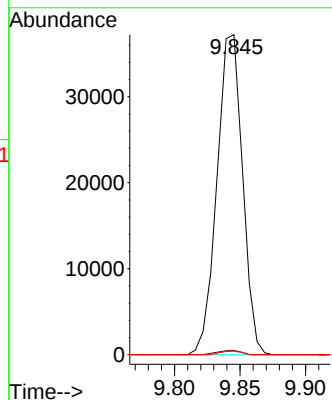
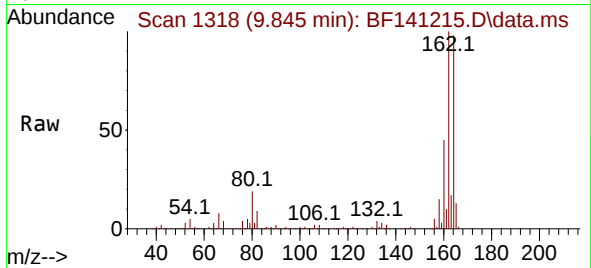




#51
2,6-Dinitrotoluene
Concen: 8.409 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

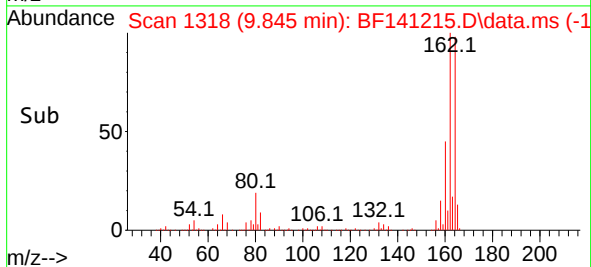
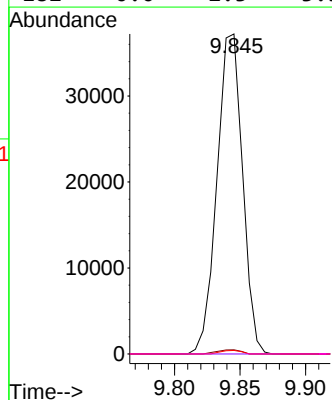
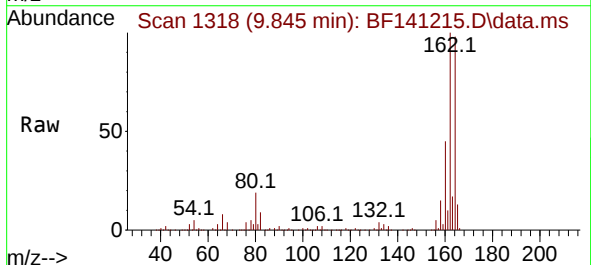
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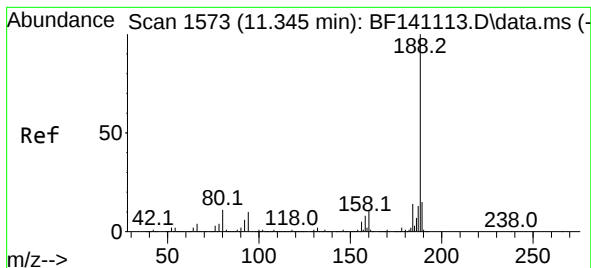
Tgt Ion:165 Resp: 50483
Ion Ratio Lower Upper
165 100
63 1.3 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.525 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:165 Resp: 50483
Ion Ratio Lower Upper
165 100
63 1.3 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141215.D

Acq: 20 Jan 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB166067TB

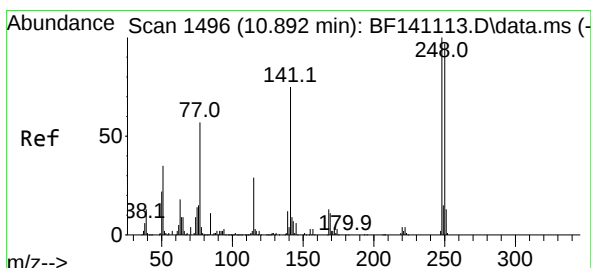
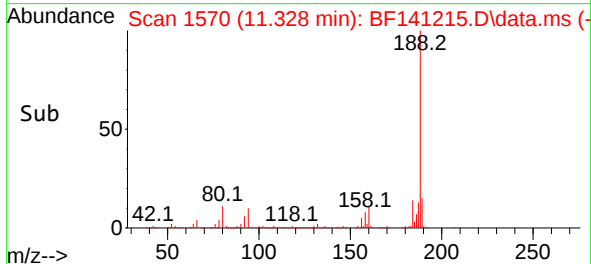
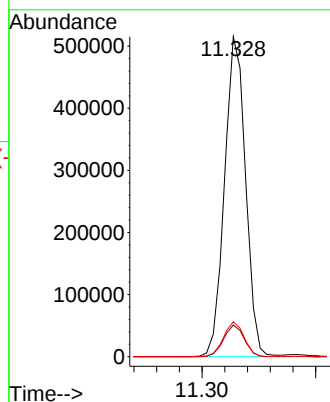
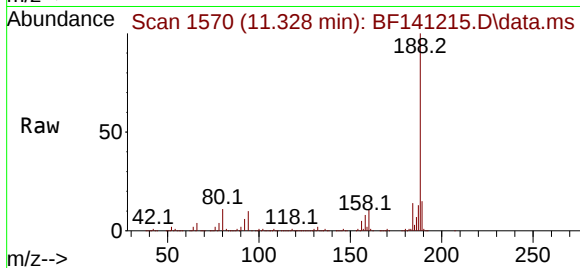
Tgt Ion:188 Resp: 662071

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.813 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141215.D

Acq: 20 Jan 2025 11:56

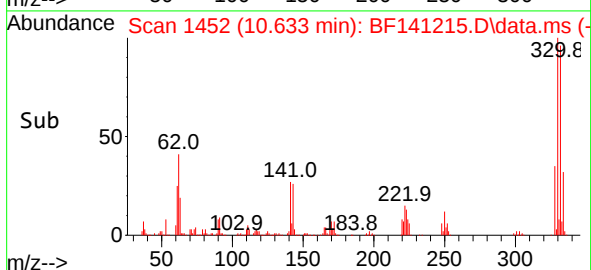
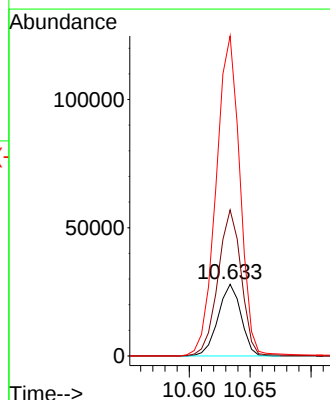
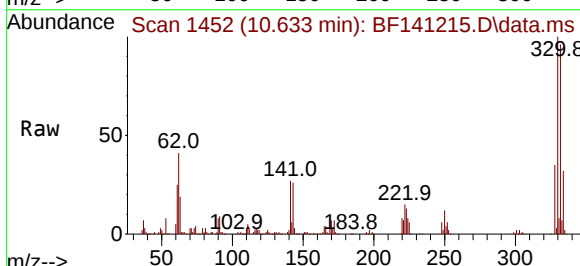
Tgt Ion:248 Resp: 36690

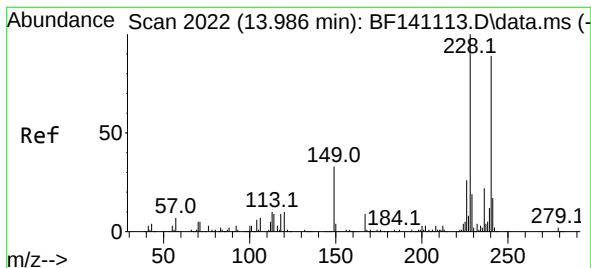
Ion Ratio Lower Upper

248 100

250 203.9 77.9 116.9#

141 446.5 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141215.D

Acq: 20 Jan 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB166067TB

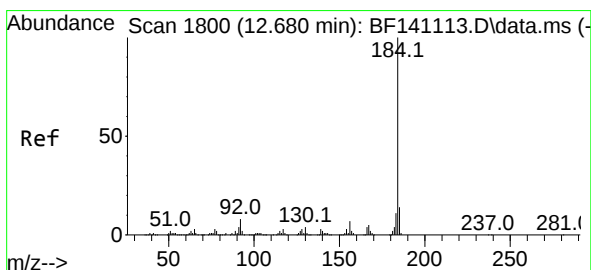
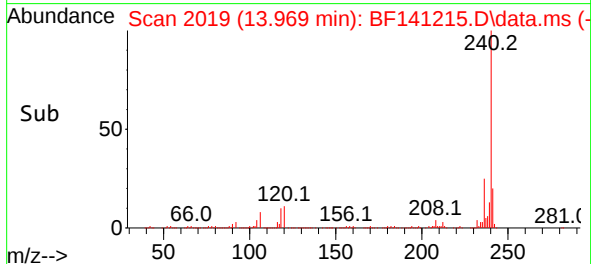
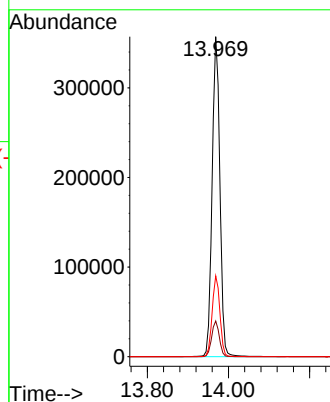
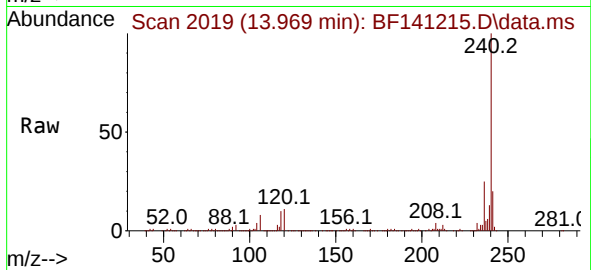
Tgt Ion:240 Resp: 471473

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.2 19.8 29.6



#77

Benidine

Concen: 3.796 ng

RT: 12.922 min Scan# 1841

Delta R.T. 0.241 min

Lab File: BF141215.D

Acq: 20 Jan 2025 11:56

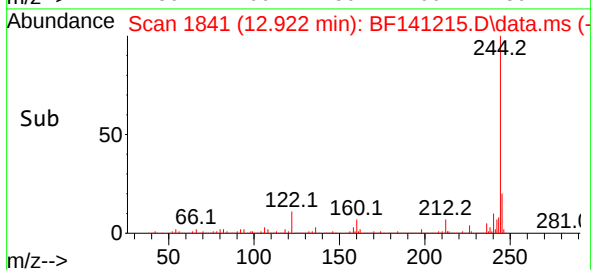
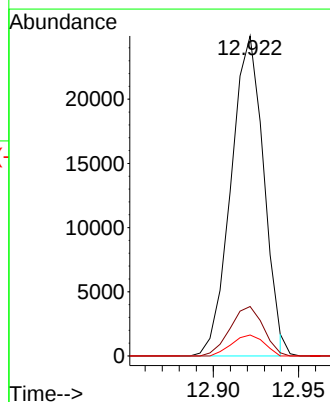
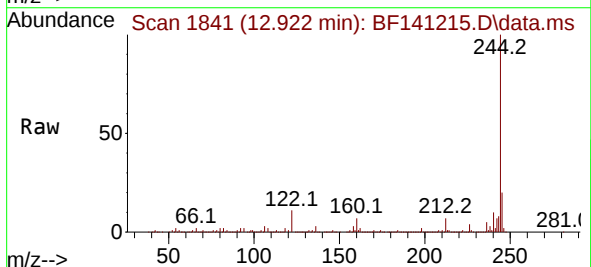
Tgt Ion:184 Resp: 33187

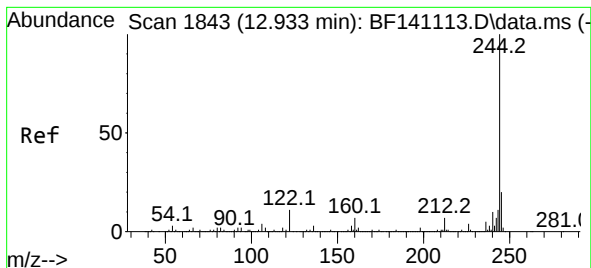
Ion Ratio Lower Upper

184 100

185 15.5 11.4 17.0

183 6.6 9.2 13.8#





#79

Terphenyl-d14

Concen: 83.481 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141215.D

Acq: 20 Jan 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB166067TB

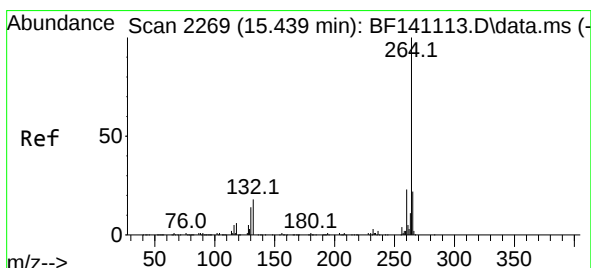
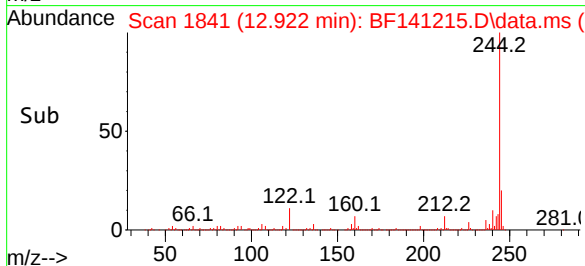
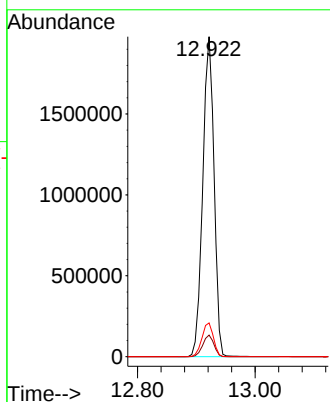
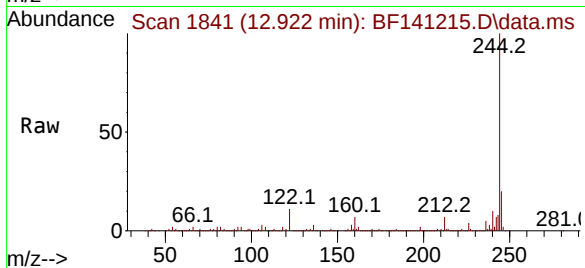
Tgt Ion:244 Resp: 2648106

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF141215.D

Acq: 20 Jan 2025 11:56

Tgt Ion:264 Resp: 371500

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.7 17.4 26.0

