

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141221.D
 Acq On : 20 Jan 2025 14:39
 Operator : RC/JU
 Sample : Q1122-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW10A-20250116

Quant Time: Jan 20 15:36:52 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)

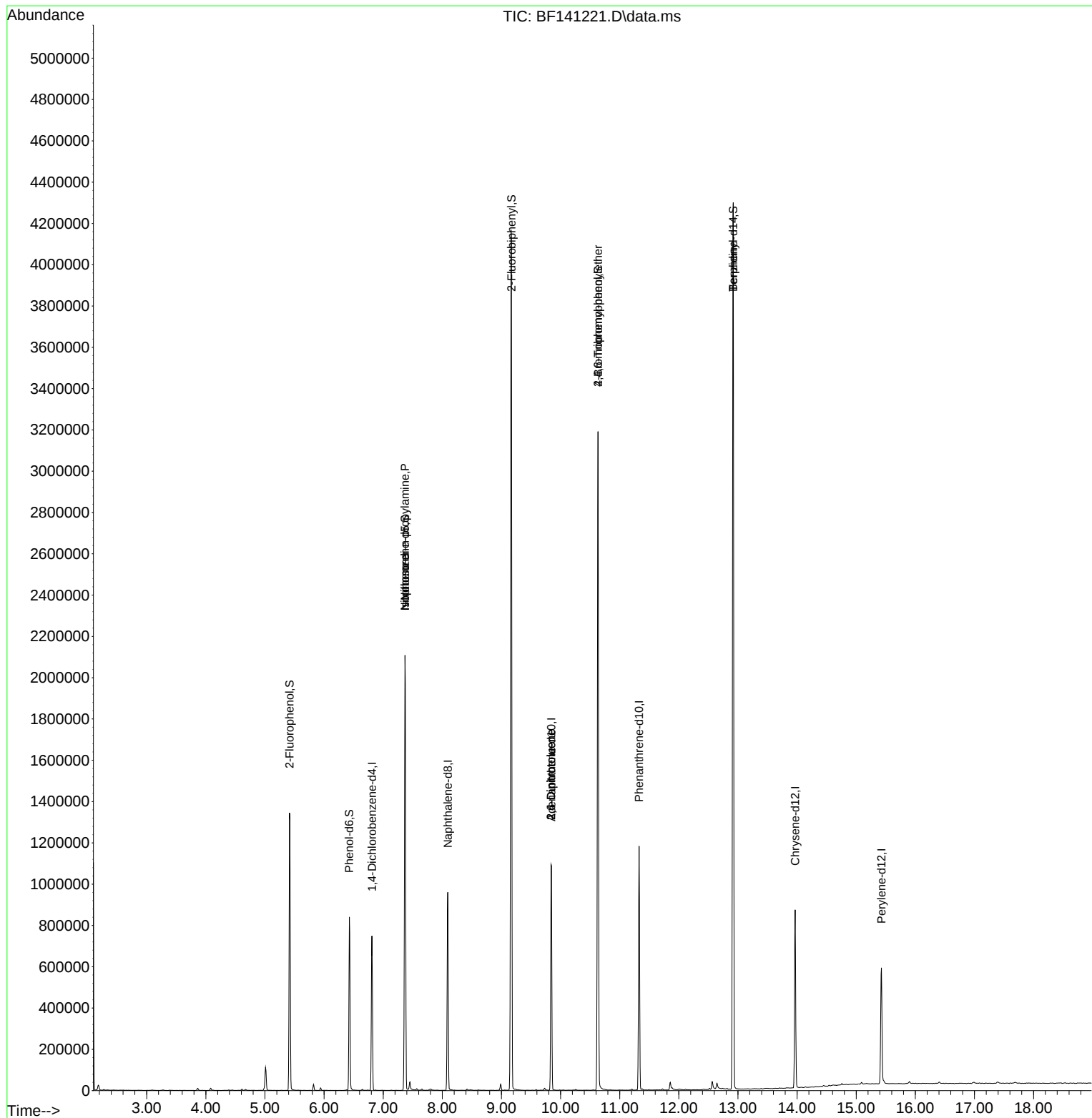
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	158020	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	629982	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	340789	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	587345	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	416765	20.000	ng	-0.02
86) Perylene-d12	15.427	264	333314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	524162	51.242	ng	-0.01
7) Phenol-d6	6.428	99	396612	30.609	ng	-0.02
23) Nitrobenzene-d5	7.369	82	1023619	86.130	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	625837	161.171	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	1970217	88.284	ng	-0.01
79) Terphenyl-d14	12.921	244	2253407	80.363	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	140424	18.398	ng	# 75
25) Isophorone	7.369	82	1016733	50.060	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	44627	8.388	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	44627	6.509	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	37822	5.593	ng	# 1
77) Benzidine	12.921	184	28478	3.685	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141221.D
Acq On : 20 Jan 2025 14:39
Operator : RC/JU
Sample : Q1122-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

Quant Time: Jan 20 15:36:52 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

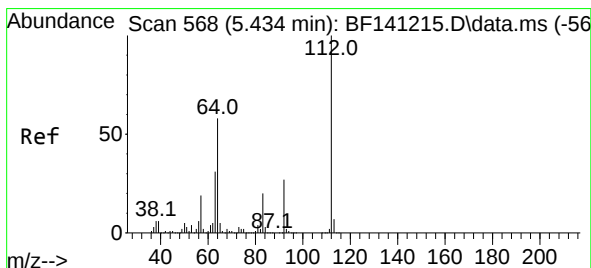
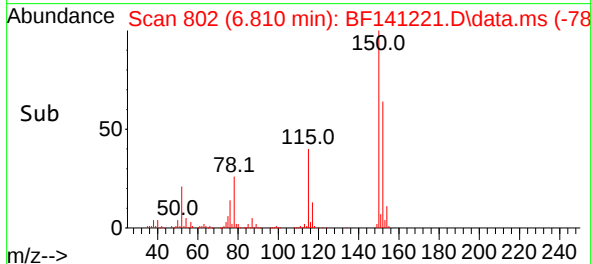
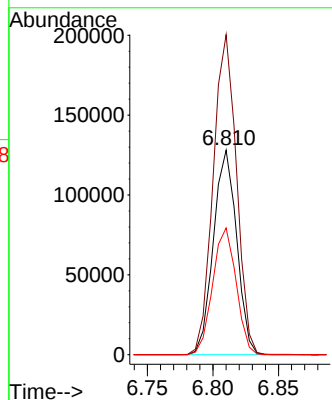
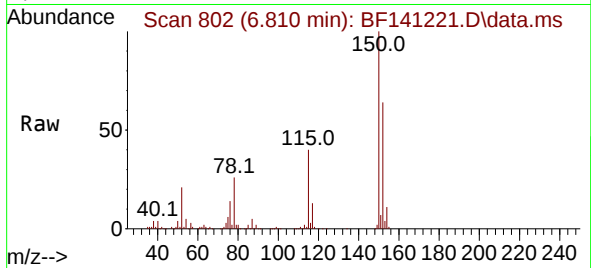




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

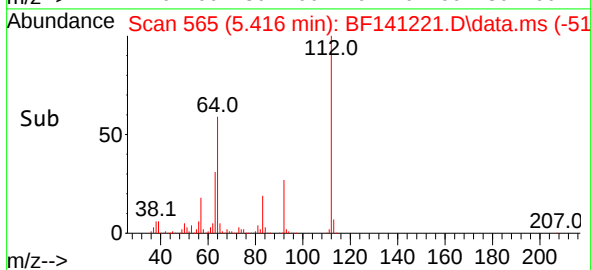
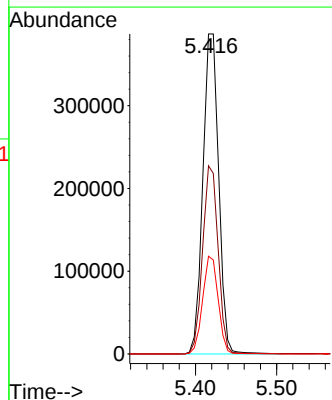
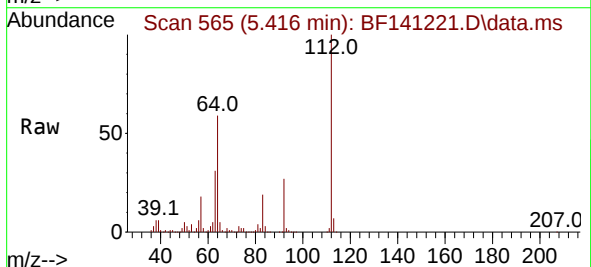
Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

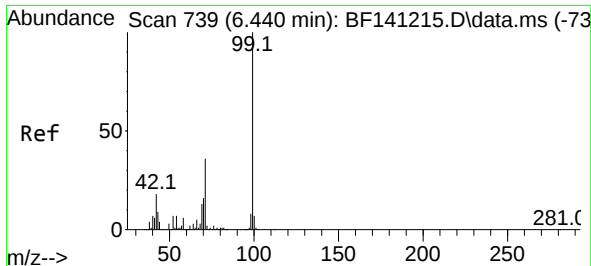
Tgt Ion:152 Resp: 158020
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.8
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 51.242 ng
RT: 5.416 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

Tgt Ion:112 Resp: 524162
Ion Ratio Lower Upper
112 100
64 58.8 47.3 70.9
63 30.5 24.2 36.2

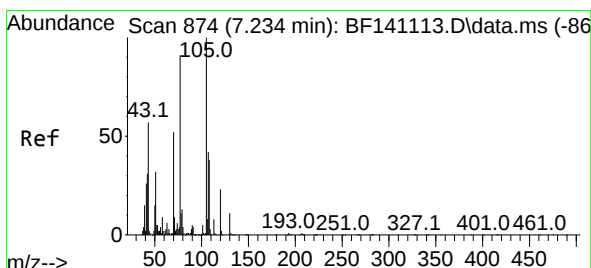
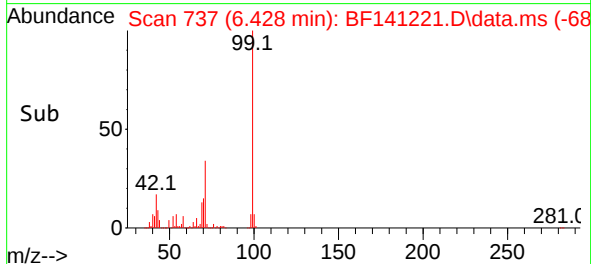
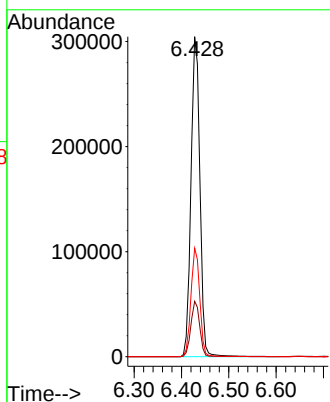
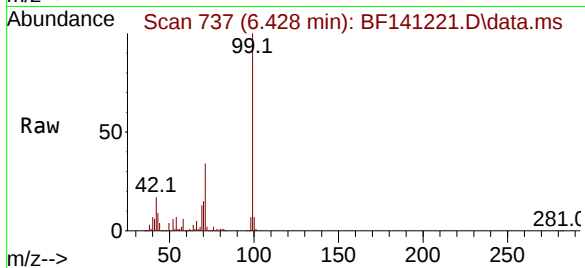




#7
Phenol-d6
Concen: 30.609 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

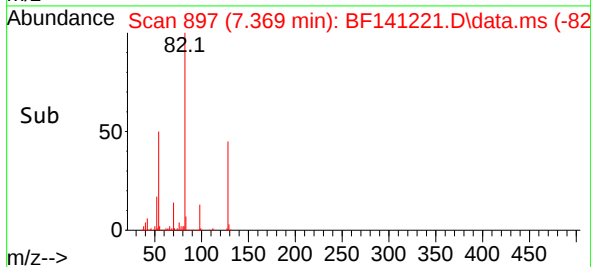
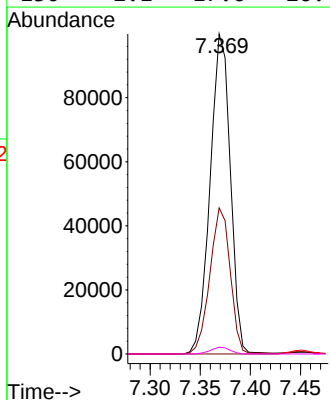
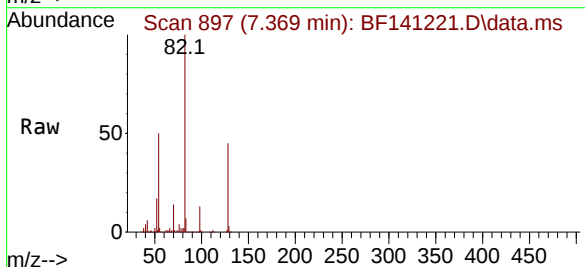
Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

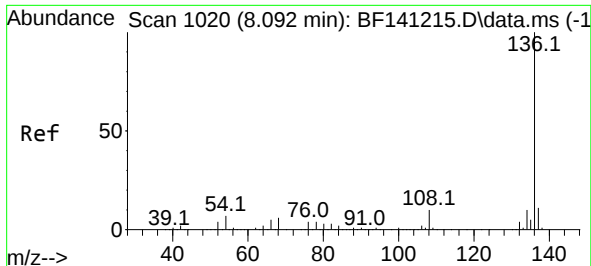
Tgt Ion: 99 Resp: 396612
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 33.9 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.398 ng
RT: 7.369 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

Tgt Ion: 70 Resp: 140424
Ion Ratio Lower Upper
70 100
42 45.7 47.8 71.6#
101 0.0 7.9 11.9#
130 2.1 17.6 26.4#

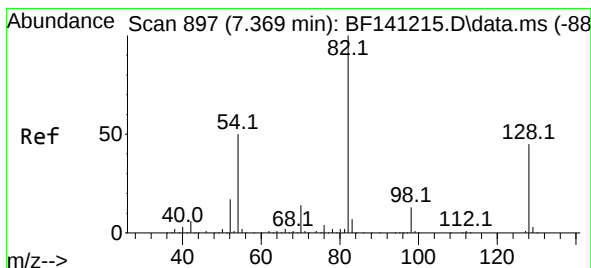
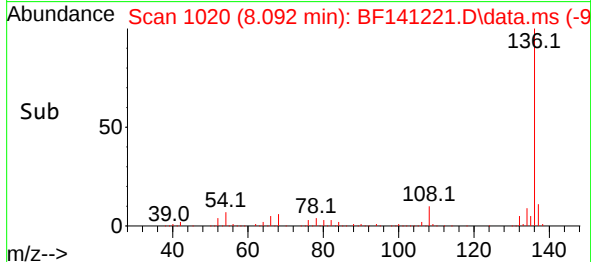
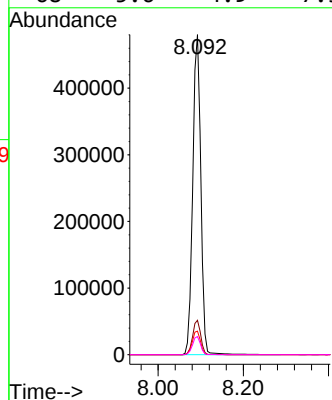
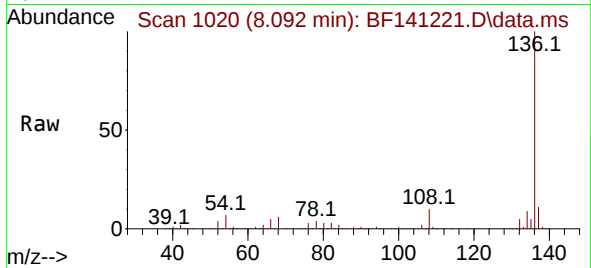




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

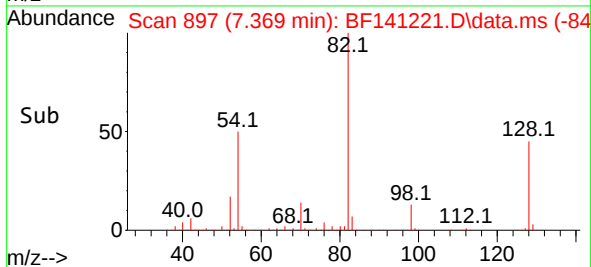
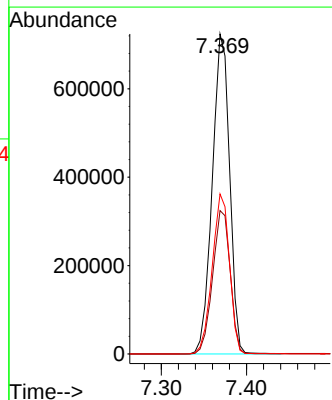
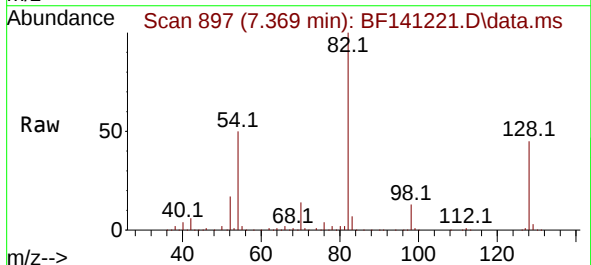
Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

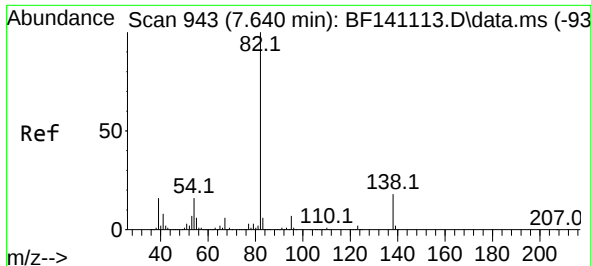
Tgt	Ion:136	Resp:	629982
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	6.3	9.5
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 86.130 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

Tgt Ion: 82		Resp: 1023619	
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	50.0	41.0	61.4

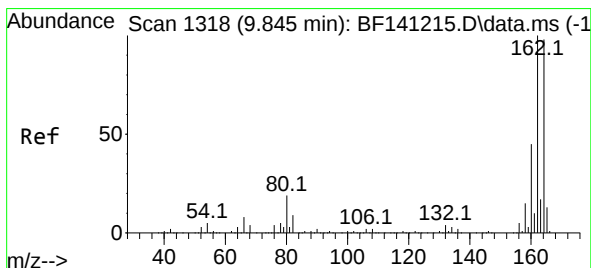
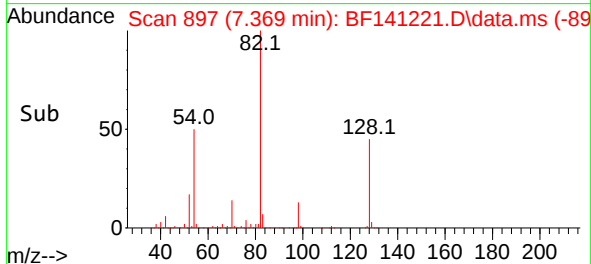
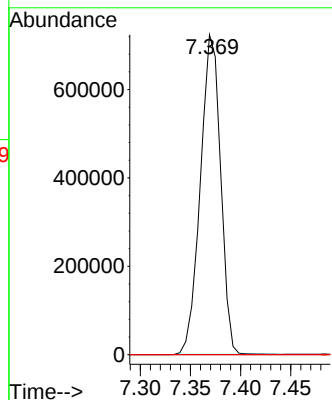
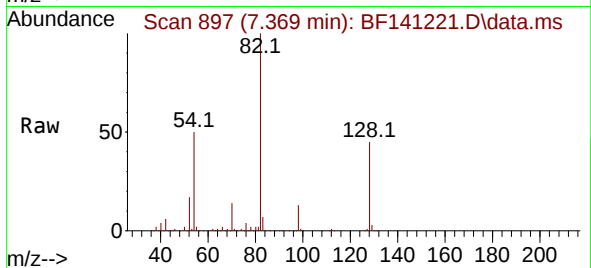




#25
Isophorone
Concen: 50.060 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

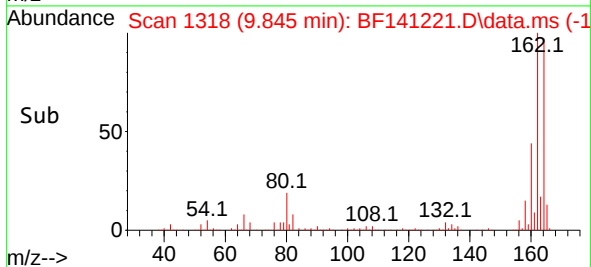
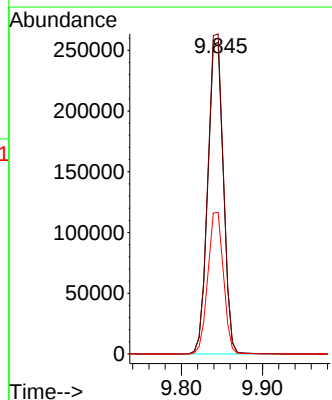
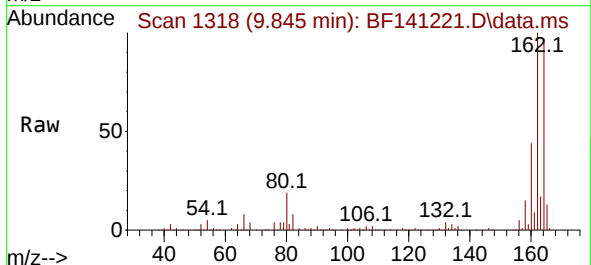
Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

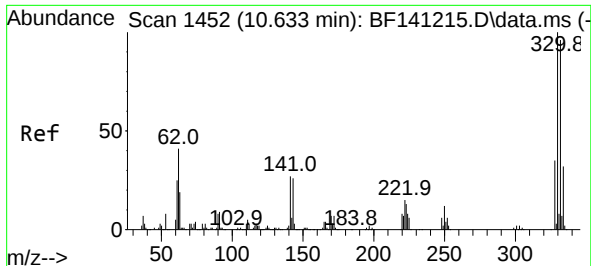
Tgt Ion: 82 Resp: 1016733
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

Tgt Ion:164 Resp: 340789
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 45.5 36.1 54.1

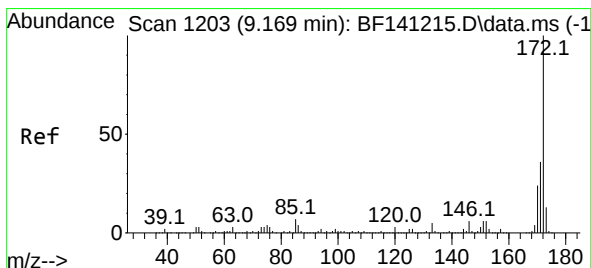
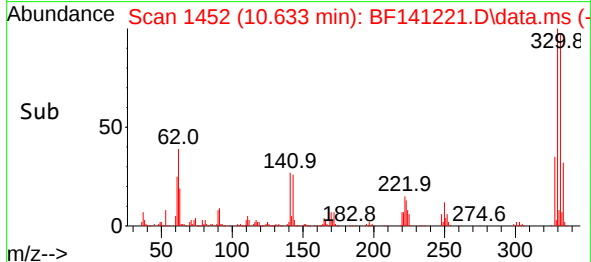
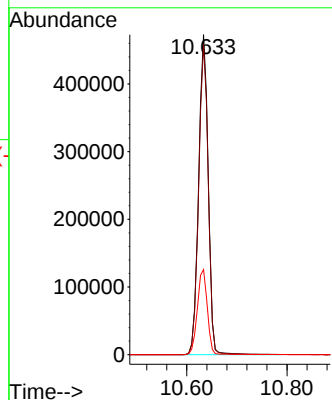
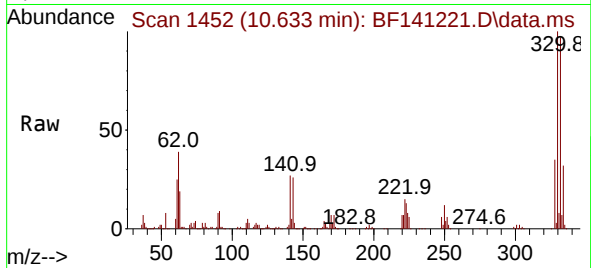




#42
 2,4,6-Tribromophenol
 Concen: 161.171 ng
 RT: 10.633 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39

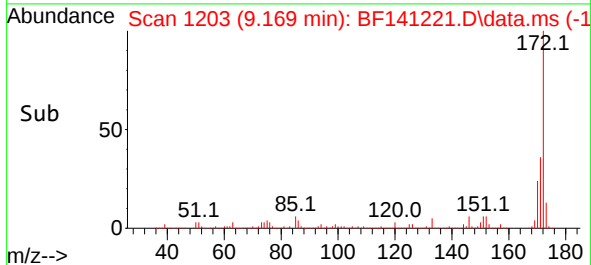
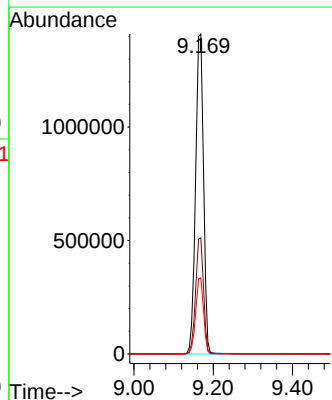
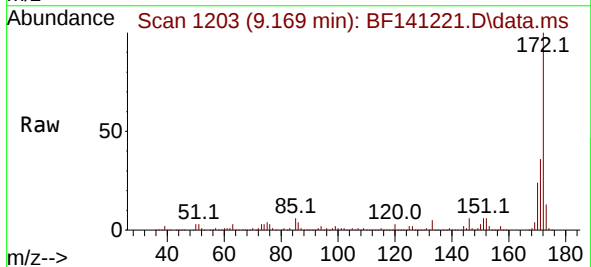
Instrument :
 BNA_F
 ClientSampleId :
 RW10A-20250116

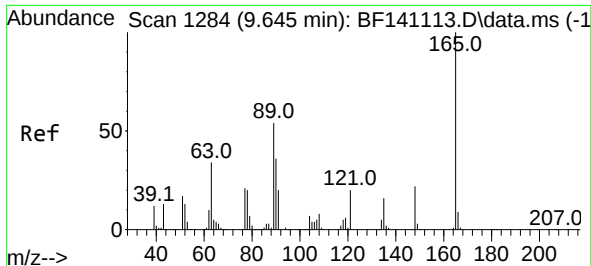
Tgt Ion: 330 Resp: 625837
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 27.7 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 88.284 ng
 RT: 9.169 min Scan# 1203
 Delta R.T. -0.012 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39

Tgt Ion: 172 Resp: 1970217
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 23.7 19.0 28.6

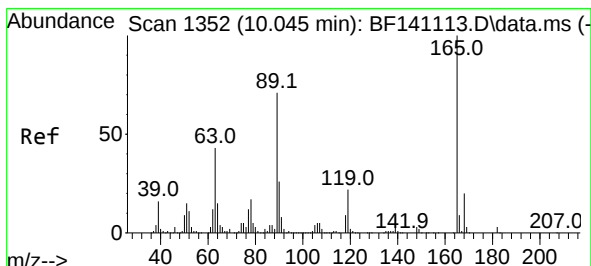
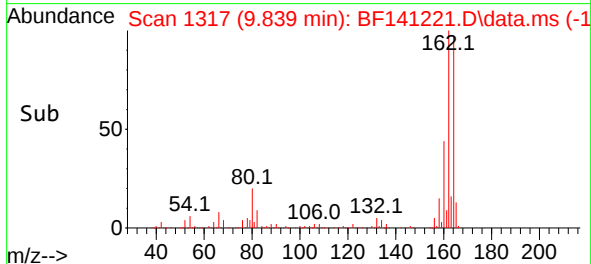
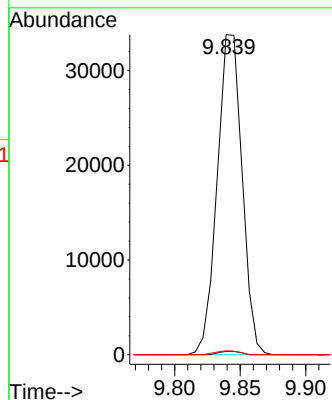
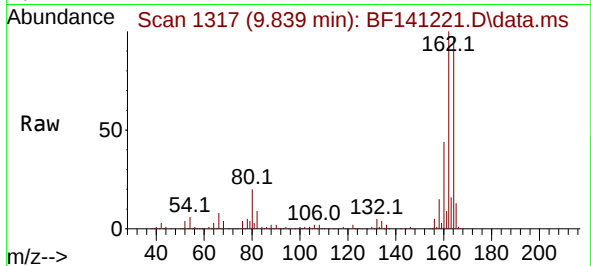




#51
2,6-Dinitrotoluene
Concen: 8.388 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

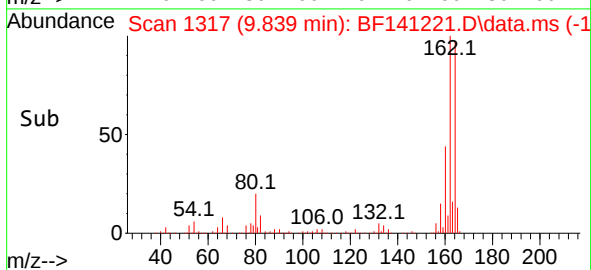
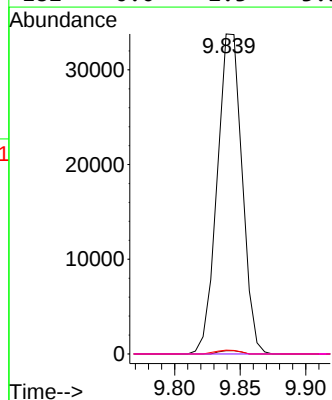
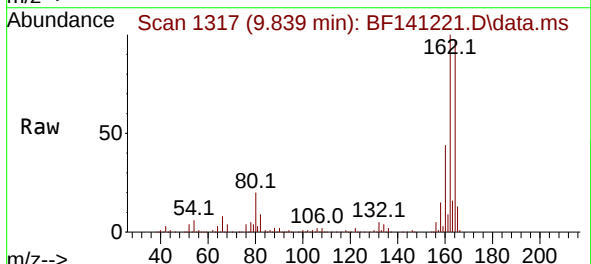
Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

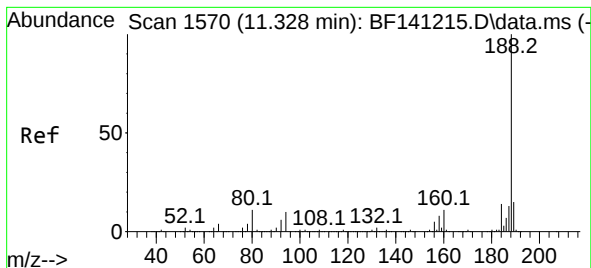
Tgt Ion:165 Resp: 44627
Ion Ratio Lower Upper
165 100
63 1.0 42.3 63.5#
89 1.2 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

Tgt Ion:165 Resp: 44627
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.2 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141221.D

Acq: 20 Jan 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RW10A-20250116

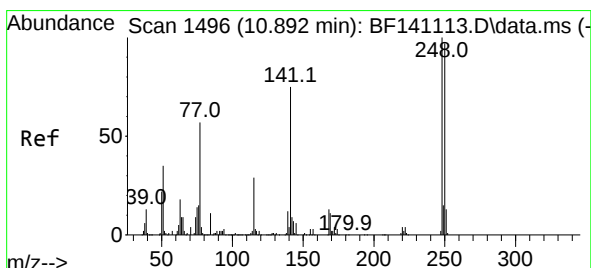
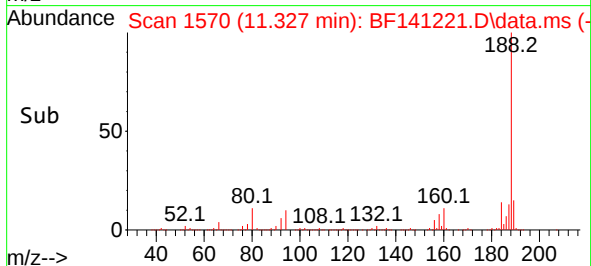
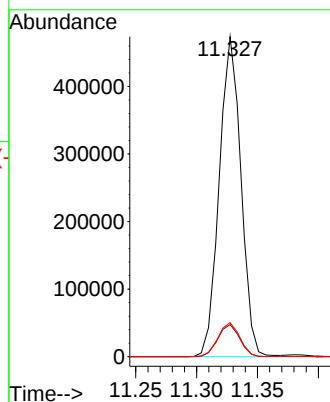
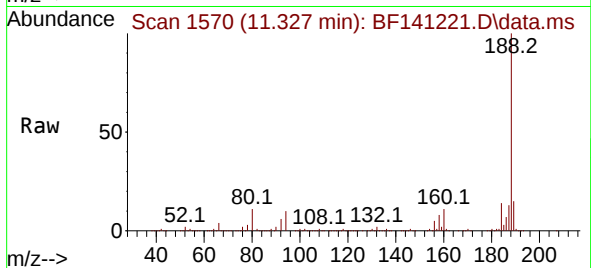
Tgt Ion:188 Resp: 587345

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.593 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141221.D

Acq: 20 Jan 2025 14:39

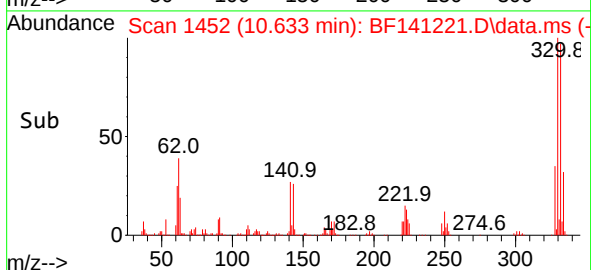
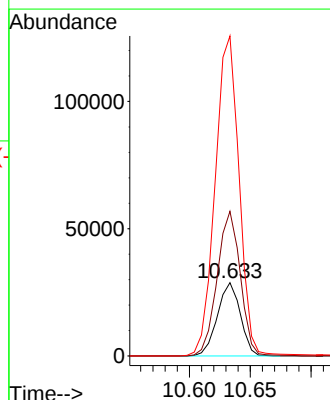
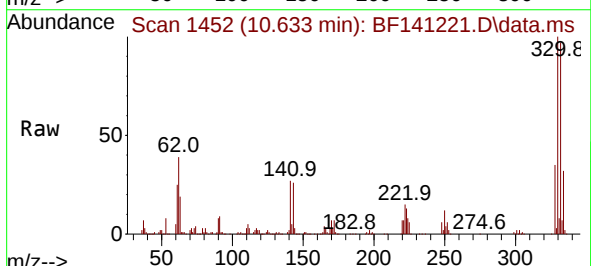
Tgt Ion:248 Resp: 37822

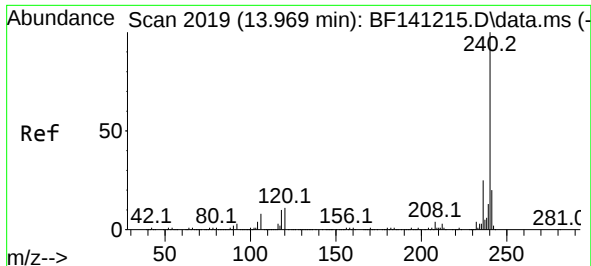
Ion Ratio Lower Upper

248 100

250 197.6 77.9 116.9#

141 437.0 59.9 89.9#

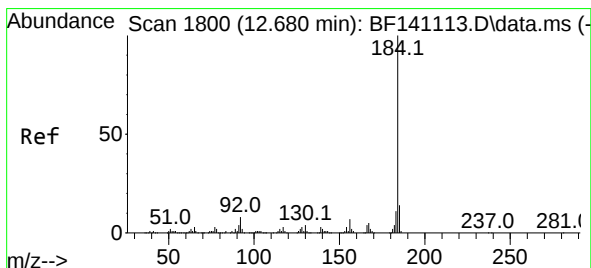
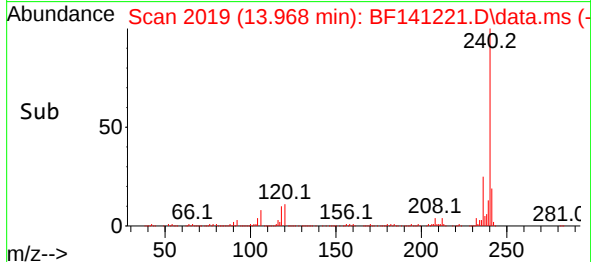
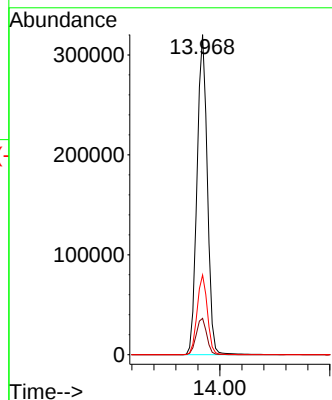
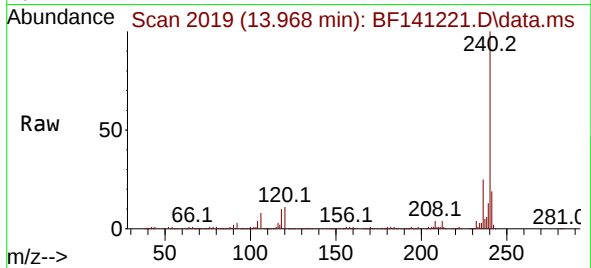




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

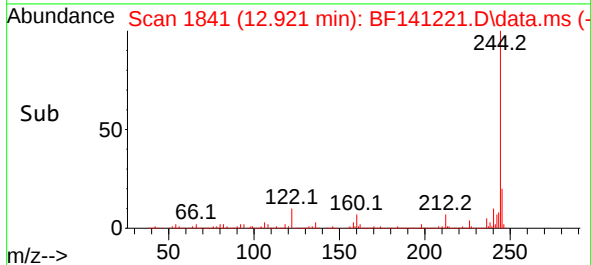
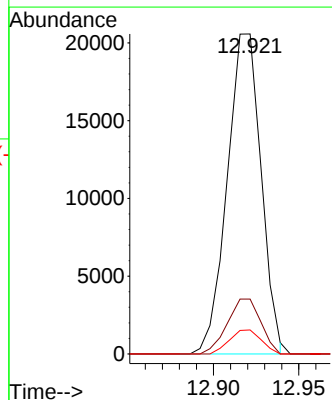
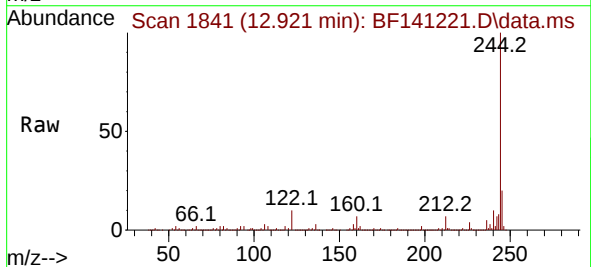
Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

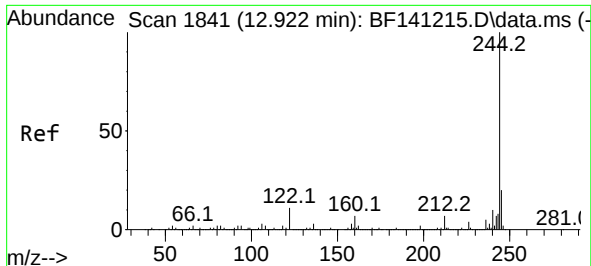
Tgt Ion:240 Resp: 416765
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 24.9 19.8 29.6



#77
Benzidine
Concen: 3.685 ng
RT: 12.921 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

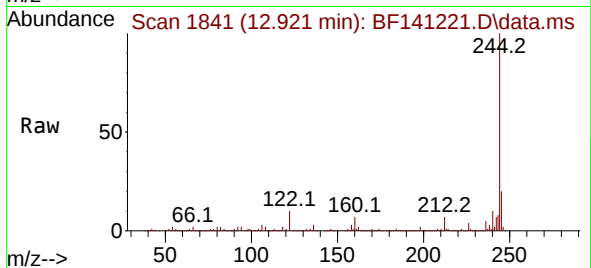
Tgt Ion:184 Resp: 28478
Ion Ratio Lower Upper
184 100
185 17.1 11.4 17.0#
183 7.5 9.2 13.8#





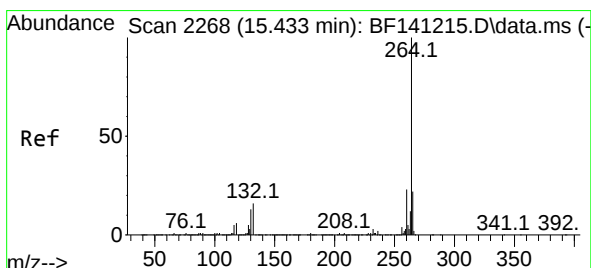
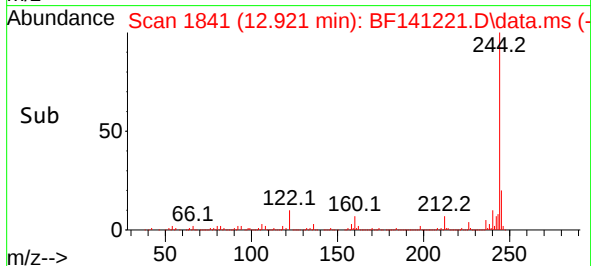
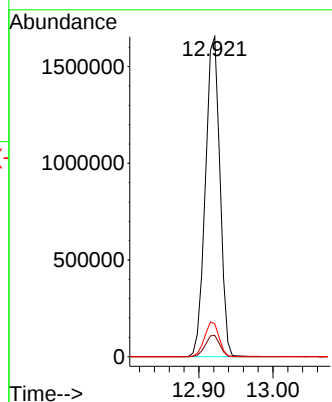
#79
 Terphenyl-d14
 Concen: 80.363 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39

Instrument :
 BNA_F
 ClientSampleId :
 RW10A-20250116



Tgt Ion:244 Resp: 2253407

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.3	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39

Tgt Ion:264 Resp: 333314

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.8	17.4	26.0

