

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141592.D
 Acq On : 12 Feb 2025 16:09
 Operator : RC/JU
 Sample : Q1343-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Quant Time: Feb 12 16:41:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

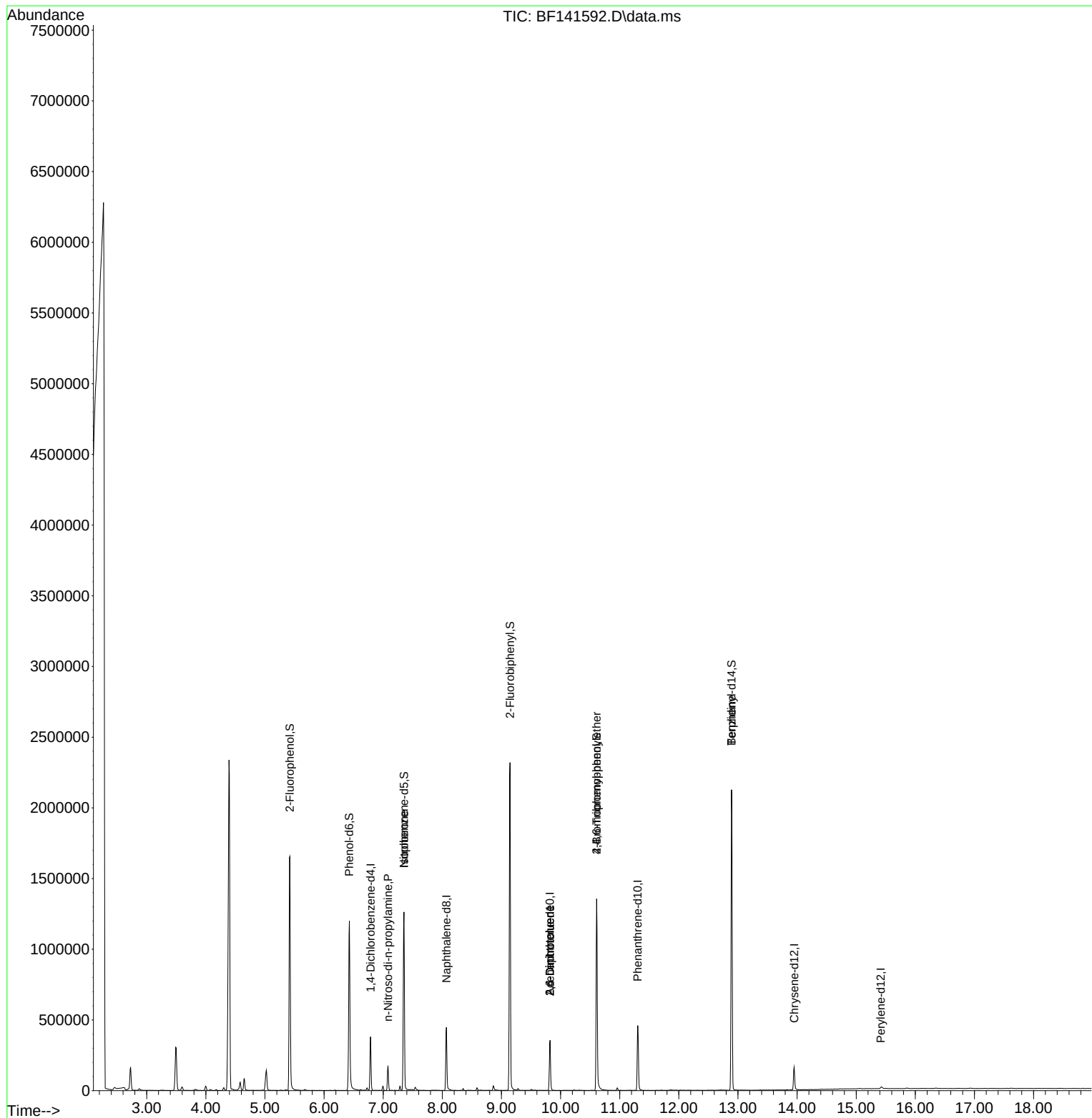
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	77033	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	304553	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	101127	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	249816	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	71927	20.000	ng	-0.01
86) Perylene-d12	15.415	264	2435	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	643265	130.915	ng	0.01
7) Phenol-d6	6.428	99	519172	83.597	ng	-0.01
23) Nitrobenzene-d5	7.351	82	581376	99.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	231176	227.565	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1064651	162.197	ng	0.00
79) Terphenyl-d14	12.892	244	988799	232.077	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.081	70	11389	3.066	ng	# 41
25) Isophorone	7.351	82	564770	60.662	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	12814	8.538	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	12814	6.414	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	15689	5.619	ng	# 1
77) Benzidine	12.892	184	13131	8.278	ng	98

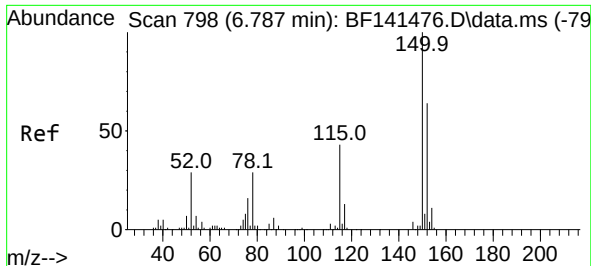
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141592.D
Acq On : 12 Feb 2025 16:09
Operator : RC/JU
Sample : Q1343-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-13

Quant Time: Feb 12 16:41:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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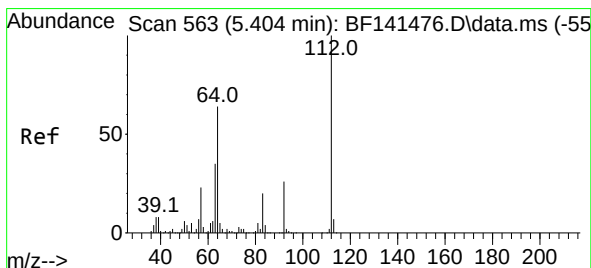
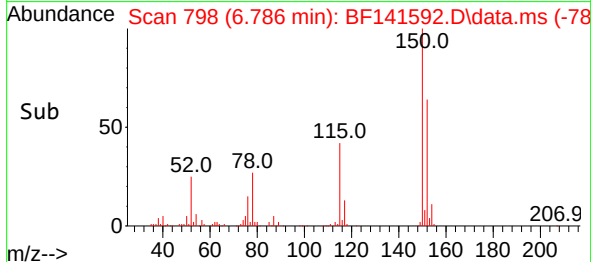
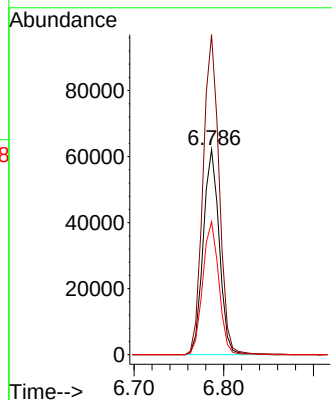
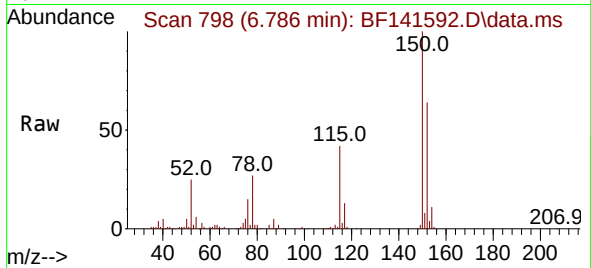




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141592.D
 Acq: 12 Feb 2025 16:09

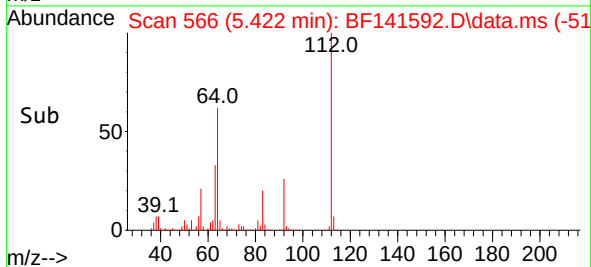
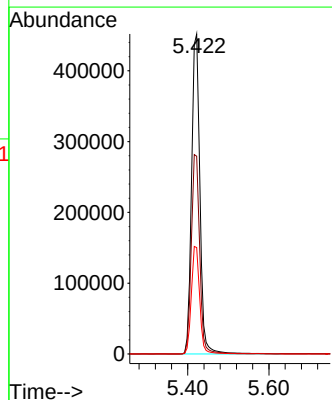
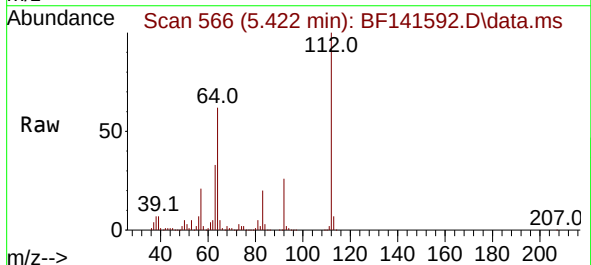
Instrument :
 BNA_F
 ClientSampleId :
 WC-13

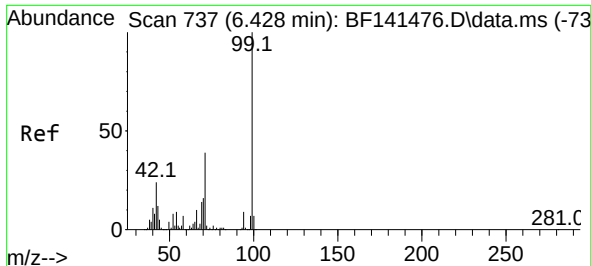
Tgt Ion:152 Resp: 77033
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.0 187.4
 115 64.8 53.6 80.4



#5
 2-Fluorophenol
 Concen: 130.915 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141592.D
 Acq: 12 Feb 2025 16:09

Tgt Ion:112 Resp: 643265
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 33.3 28.4 42.6

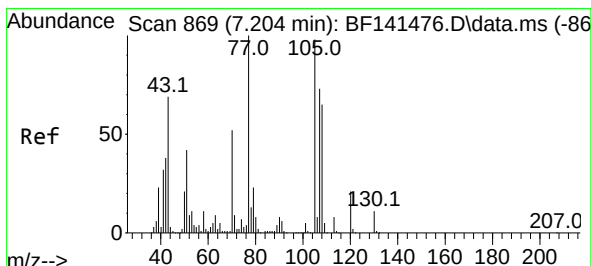
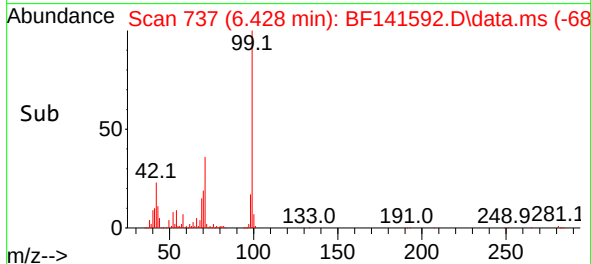
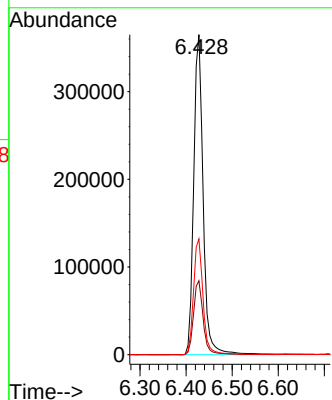
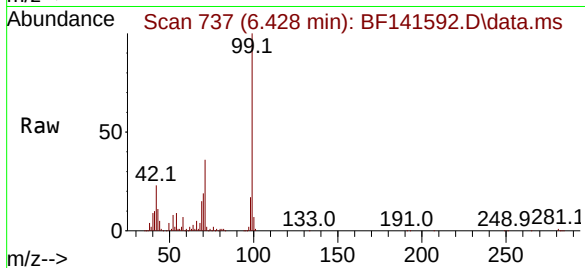




#7
Phenol-d6
Concen: 83.597 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

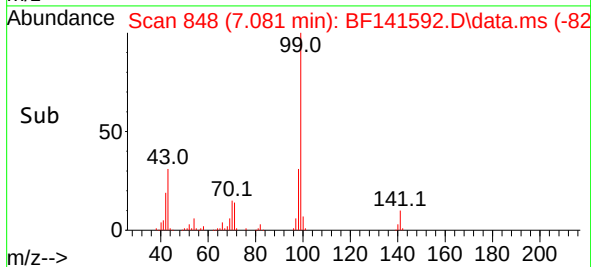
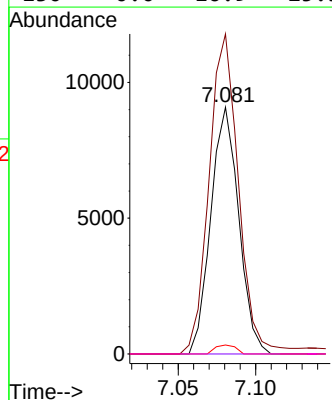
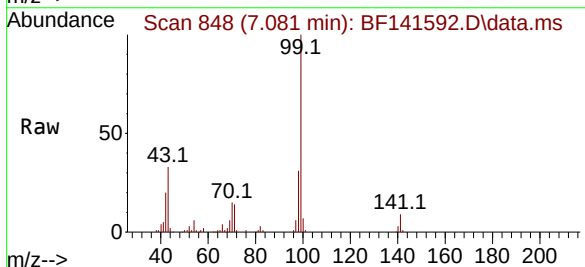
Instrument :
BNA_F
ClientSampleId :
WC-13

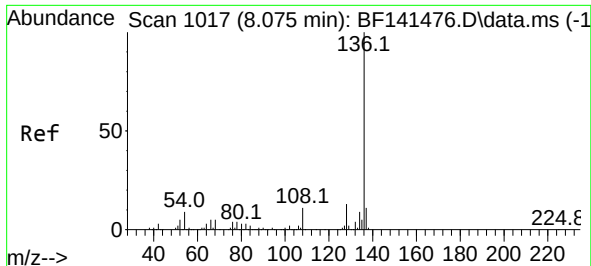
Tgt Ion: 99 Resp: 519172
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.066 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.135 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion: 70 Resp: 11389
Ion Ratio Lower Upper
70 100
42 129.7 57.4 86.2#
101 3.6 8.0 12.0#
130 0.0 16.9 25.3#

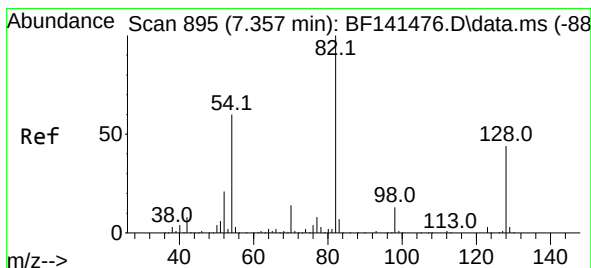
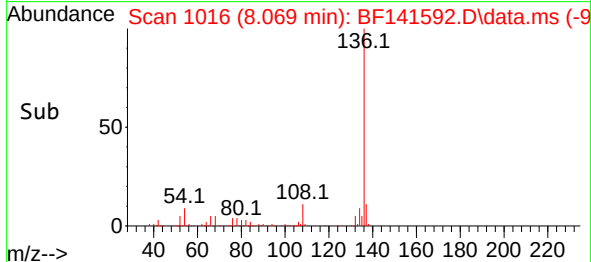
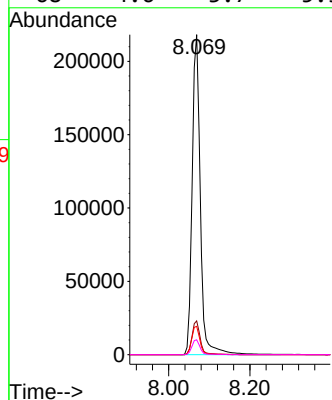
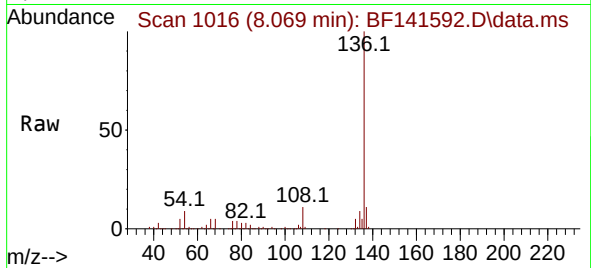




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

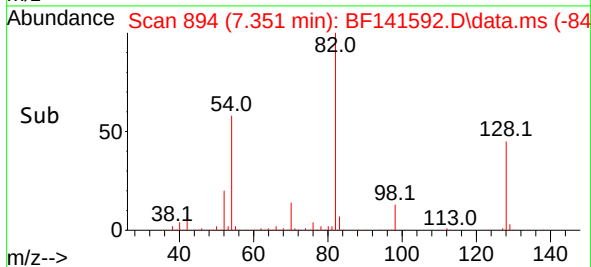
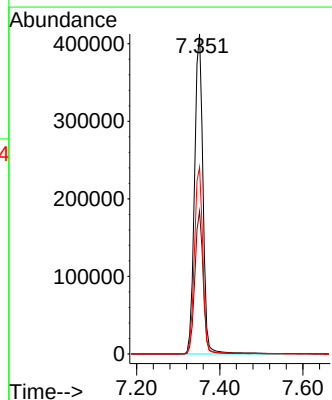
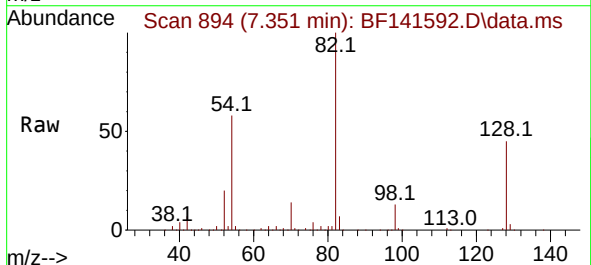
Instrument :
BNA_F
ClientSampleId :
WC-13

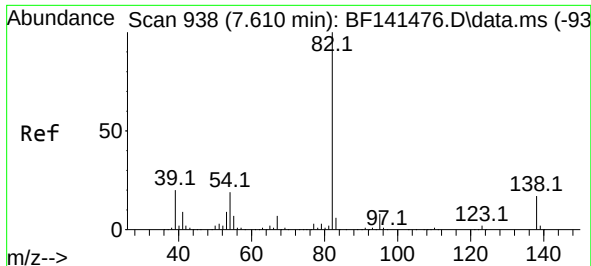
Tgt Ion:	136	Resp:	304553
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.9	7.2	10.8
68	4.6	3.7	5.5



#23
Nitrobenzene-d5
Concen: 99.567 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion:	82	Resp:	581376
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.8	52.2
54	58.4	48.2	72.4

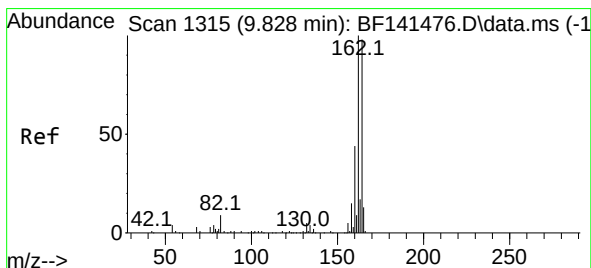
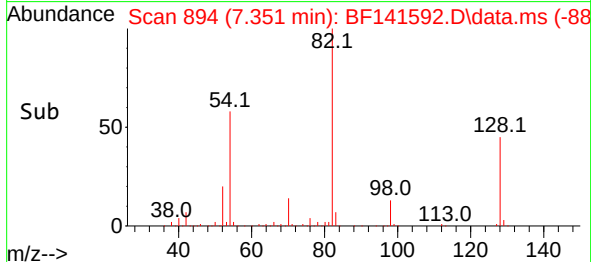
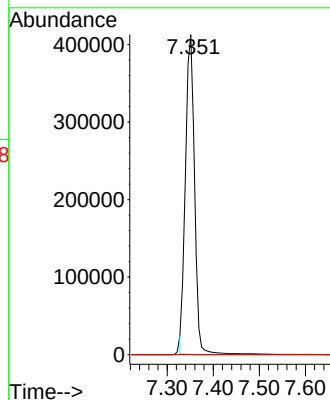
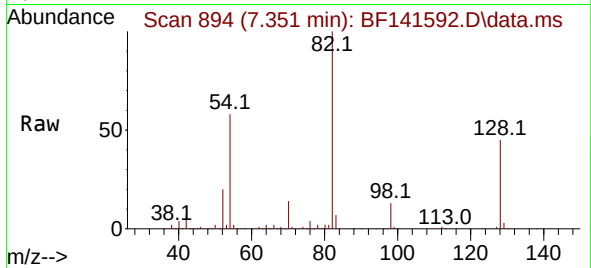




#25
Isophorone
Concen: 60.662 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

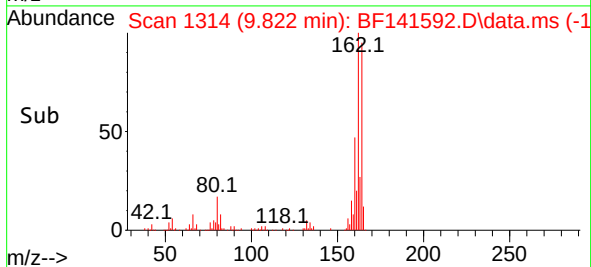
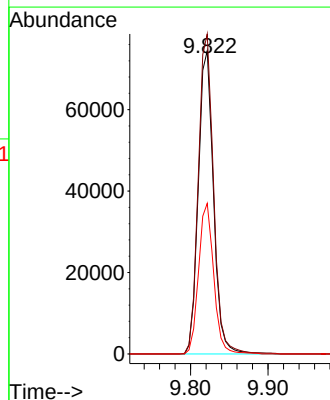
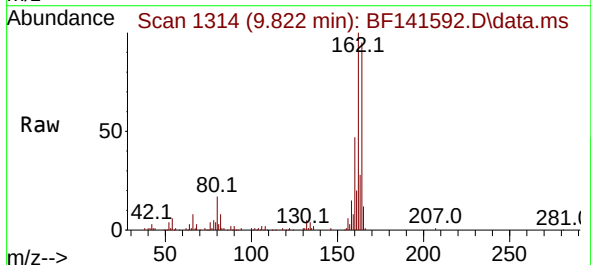
Instrument :
BNA_F
ClientSampleId :
WC-13

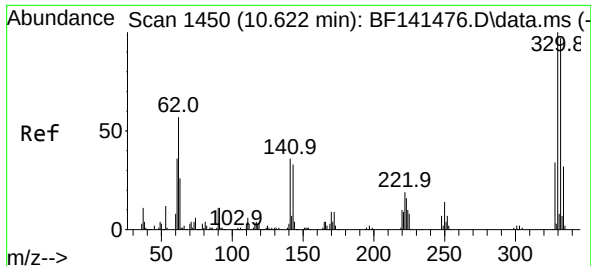
Tgt Ion: 82 Resp: 564770
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion: 164 Resp: 101127
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 49.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 227.565 ng

RT: 10.610 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141592.D

Acq: 12 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

WC-13

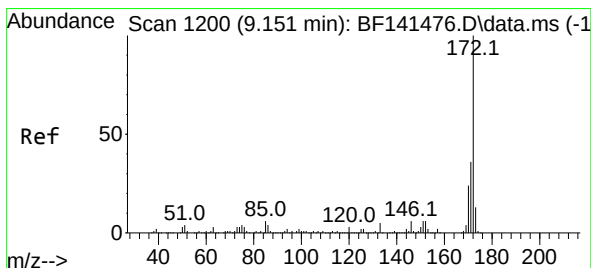
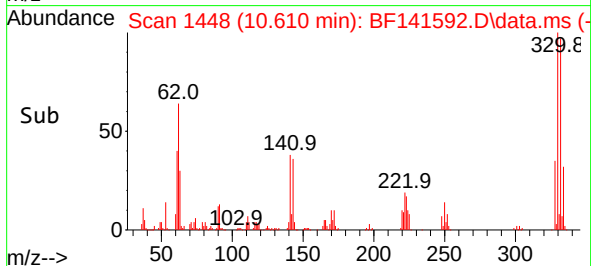
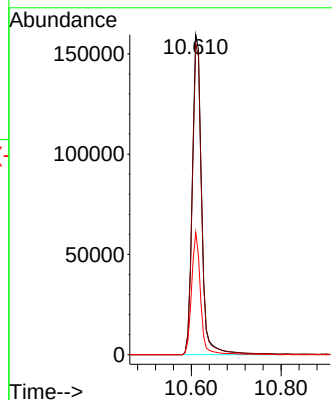
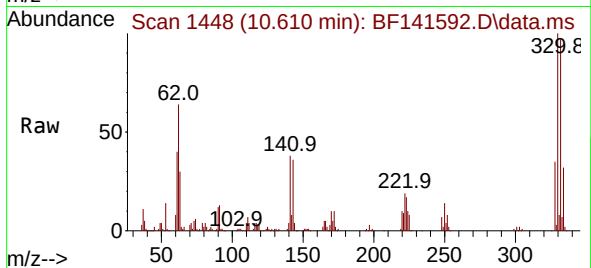
Tgt Ion:330 Resp: 231176

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 36.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 162.197 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141592.D

Acq: 12 Feb 2025 16:09

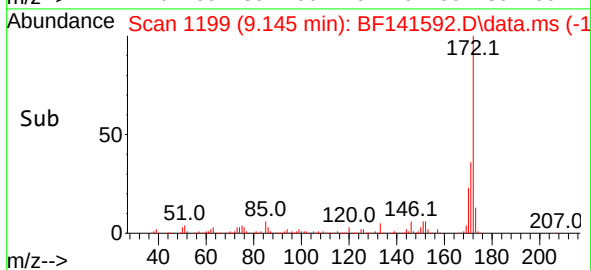
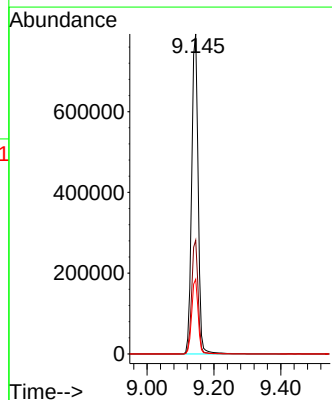
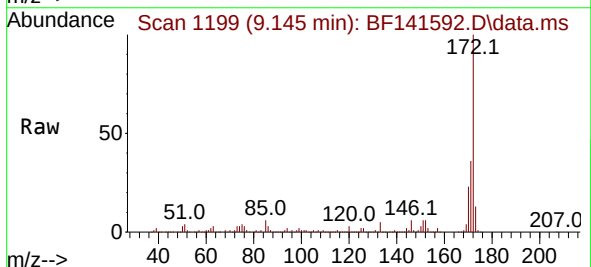
Tgt Ion:172 Resp: 1064651

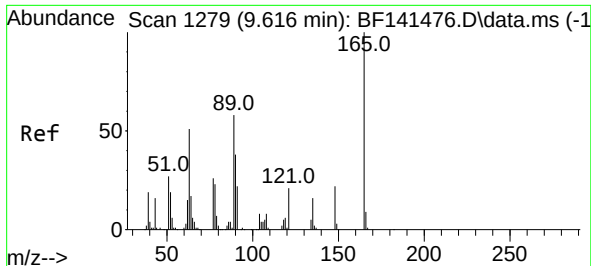
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.538 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.200 min

Lab File: BF141592.D

Acq: 12 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

WC-13

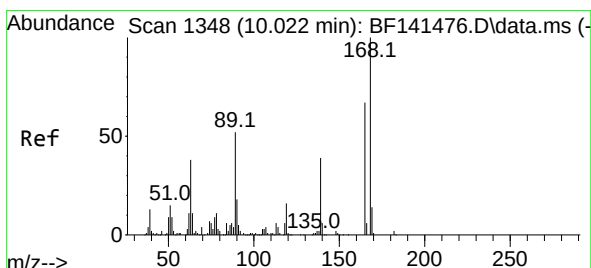
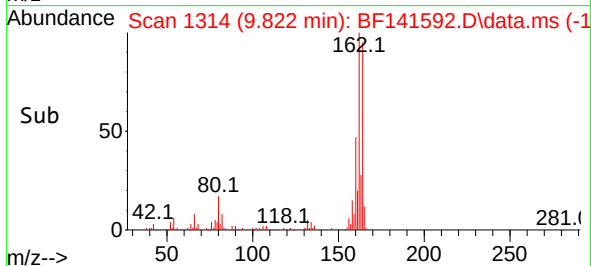
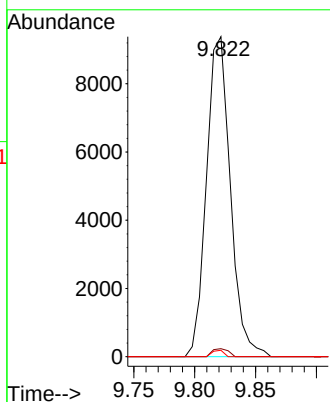
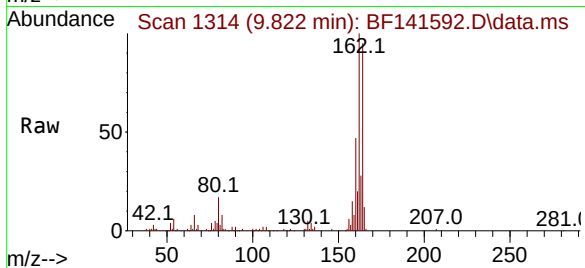
Tgt Ion:165 Resp: 12814

Ion Ratio Lower Upper

165 100

63 2.5 49.4 74.0#

89 2.0 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.414 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF141592.D

Acq: 12 Feb 2025 16:09

Tgt Ion:165 Resp: 12814

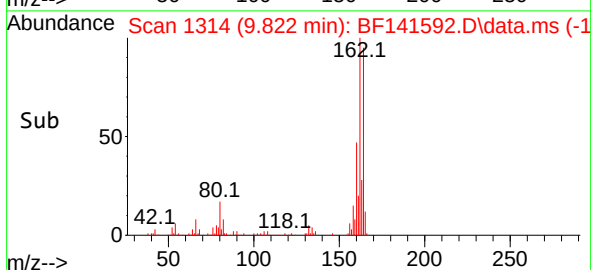
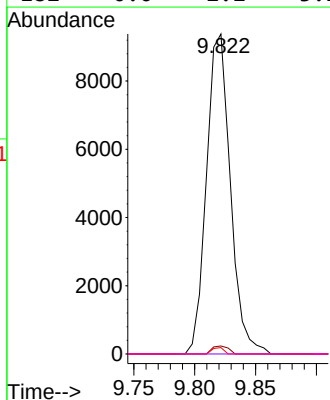
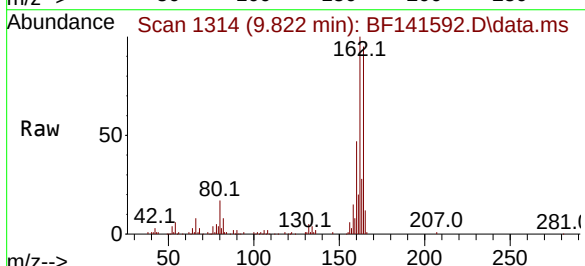
Ion Ratio Lower Upper

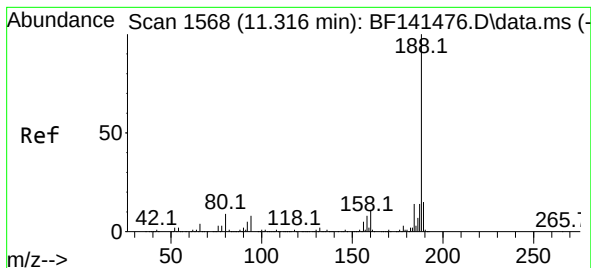
165 100

63 2.5 46.4 69.6#

89 2.0 61.8 92.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141592.D

Acq: 12 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

WC-13

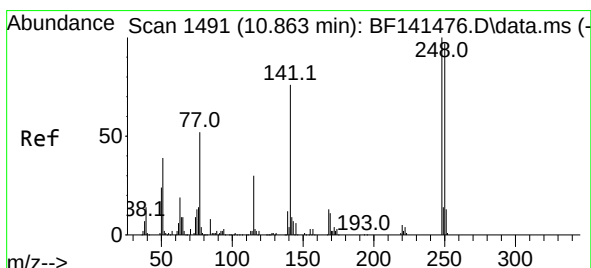
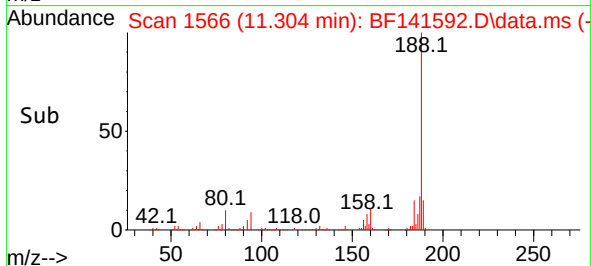
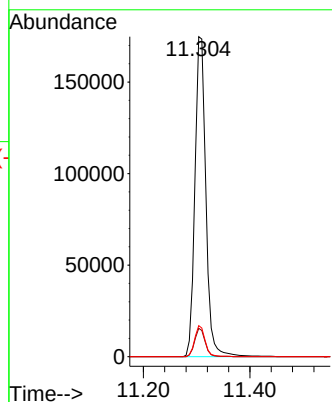
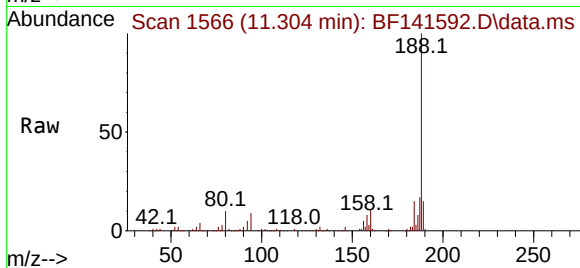
Tgt Ion:188 Resp: 249816

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.7 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.619 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141592.D

Acq: 12 Feb 2025 16:09

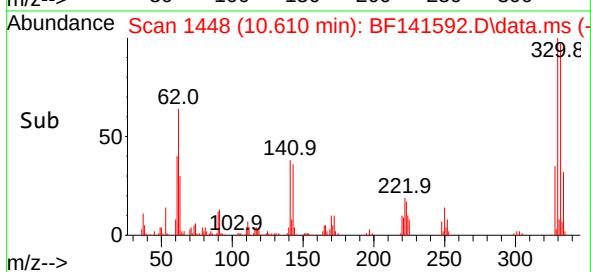
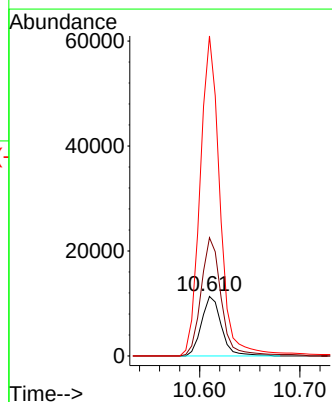
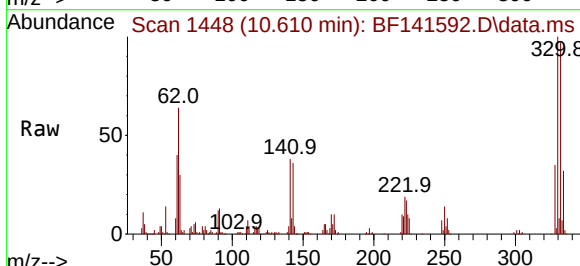
Tgt Ion:248 Resp: 15689

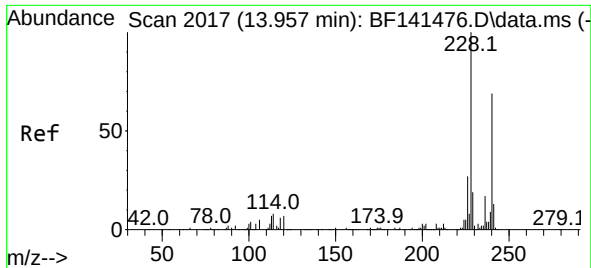
Ion Ratio Lower Upper

248 100

250 198.5 77.8 116.6#

141 537.1 60.6 90.8#

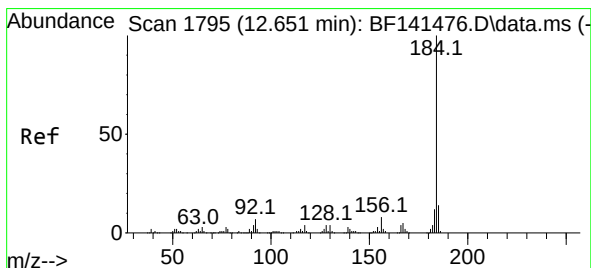
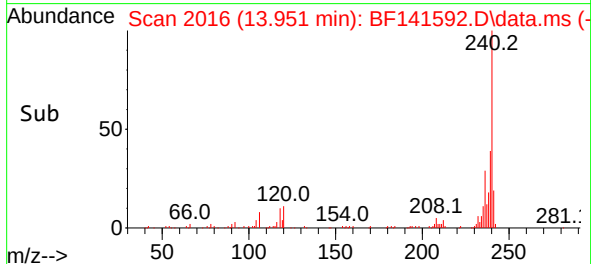
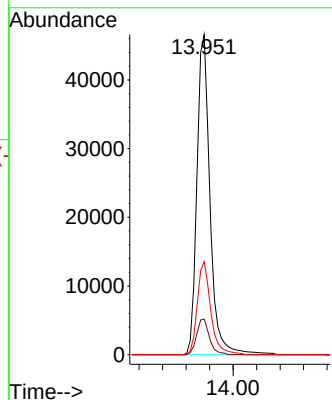
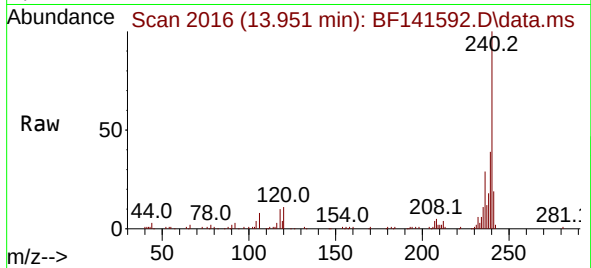




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

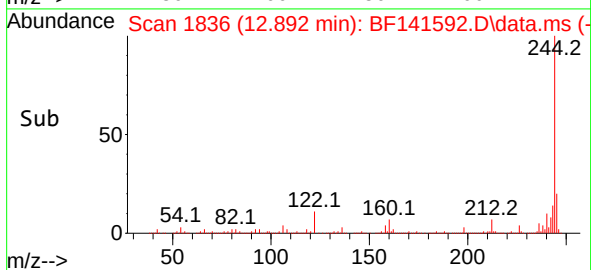
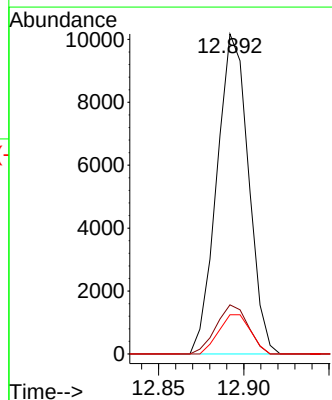
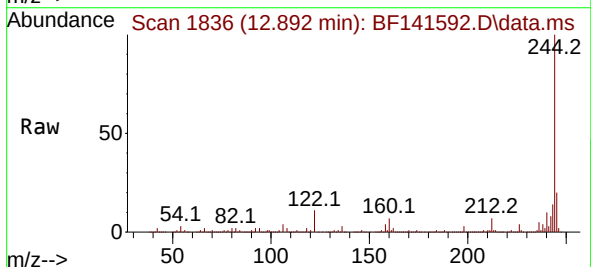
Instrument :
BNA_F
ClientSampleId :
WC-13

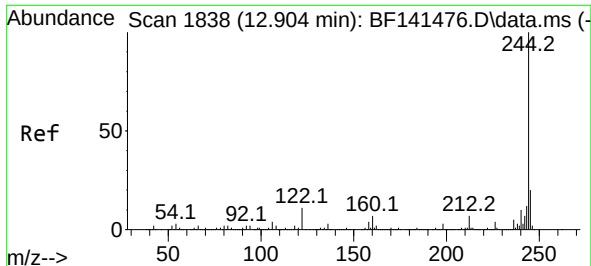
Tgt Ion:240 Resp: 71927
Ion Ratio Lower Upper
240 100
120 11.1 8.0 12.0
236 29.1 19.8 29.8



#77
Benzidine
Concen: 8.278 ng
RT: 12.892 min Scan# 1836
Delta R.T. 0.235 min
Lab File: BF141592.D
Acq: 12 Feb 2025 16:09

Tgt Ion:184 Resp: 13131
Ion Ratio Lower Upper
184 100
185 15.4 11.3 16.9
183 12.2 9.3 13.9

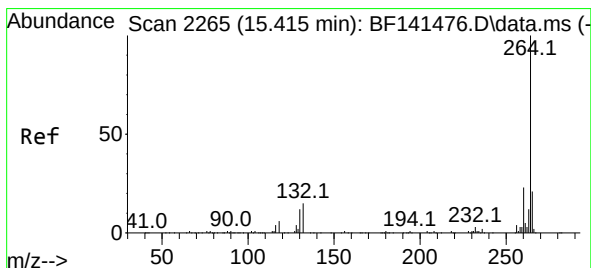
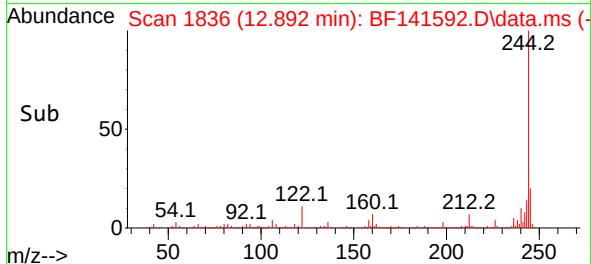
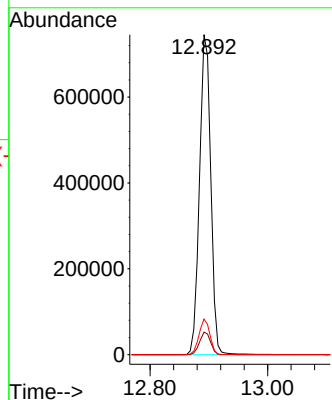
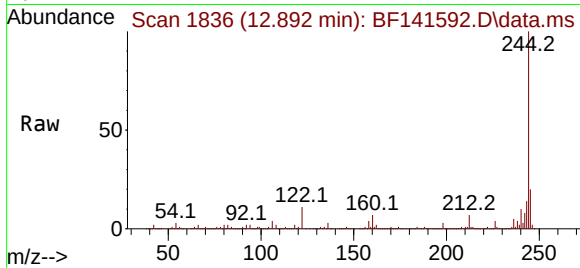




#79
 Terphenyl-d14
 Concen: 232.077 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141592.D
 Acq: 12 Feb 2025 16:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Tgt Ion:244 Resp: 988799
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF141592.D
 Acq: 12 Feb 2025 16:09

Tgt Ion:264 Resp: 2435
 Ion Ratio Lower Upper
 264 100
 260 62.1 18.6 28.0#
 265 20.7 17.0 25.4

