

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141596.D
 Acq On : 12 Feb 2025 17:54
 Operator : RC/JU
 Sample : Q1348-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-1-WC

Quant Time: Feb 12 21:59:27 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)

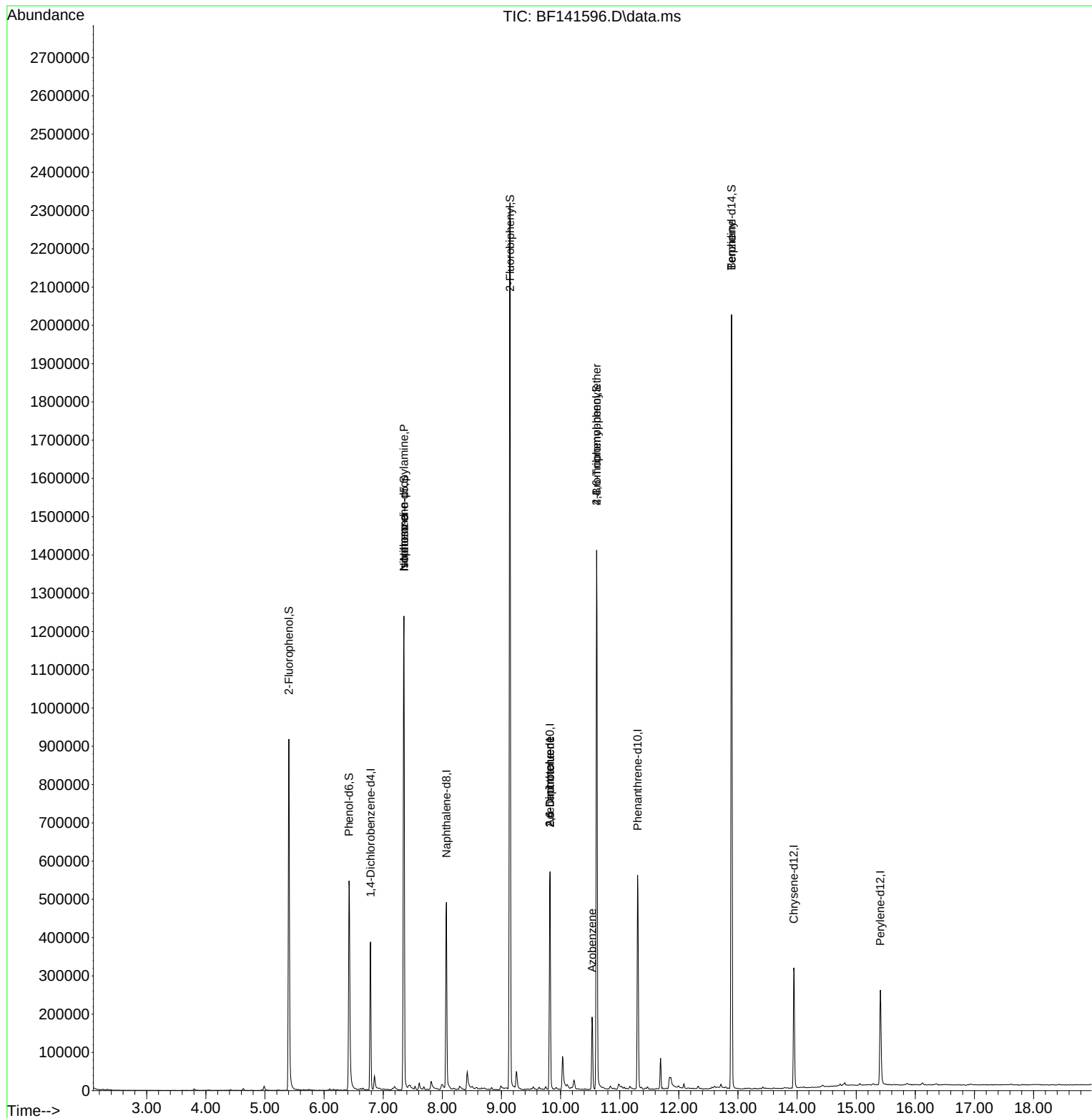
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82113	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	324560	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	173234	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	295491	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	168580	20.000	ng	-0.02
86) Perylene-d12	15.410	264	156466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	349116	66.655	ng	0.00
7) Phenol-d6	6.422	99	275134	41.561	ng	-0.02
23) Nitrobenzene-d5	7.351	82	564307	90.687	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	229022	131.606	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1046614	93.080	ng	0.00
79) Terphenyl-d14	12.892	244	985760	98.715	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	75914	19.171	ng	# 74
25) Isophorone	7.351	82	548573	55.290	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	22115	8.602	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	22115	6.462	ng	# 18
63) Azobenzene	10.533	77	45705	3.973	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	15694	4.752	ng	# 1
77) Benzidine	12.892	184	13403	3.605	ng	# 93

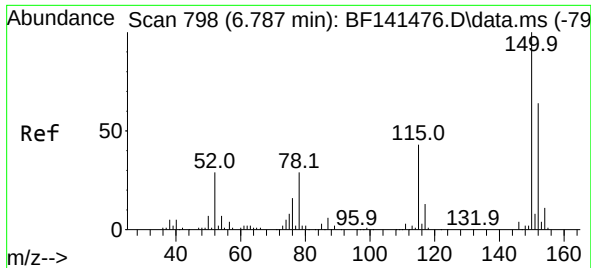
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
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Operator : RC/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-1-WC

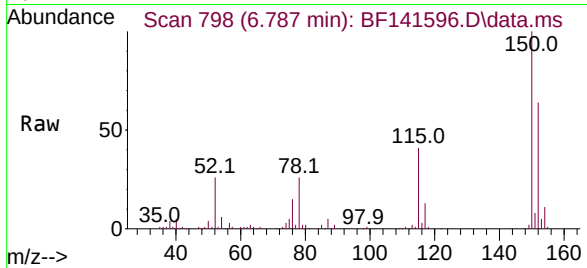
Quant Time: Feb 12 21:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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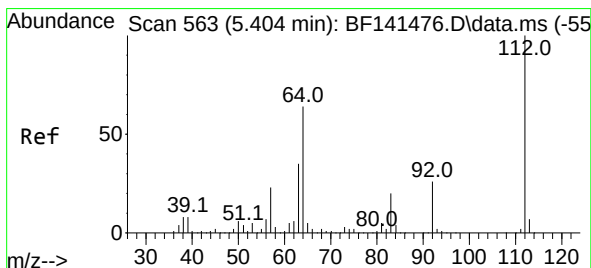
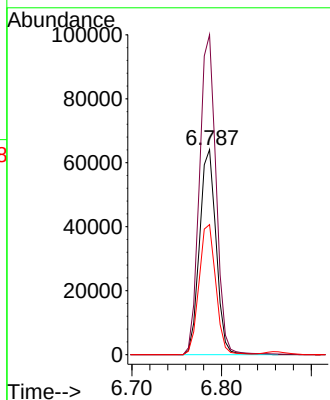
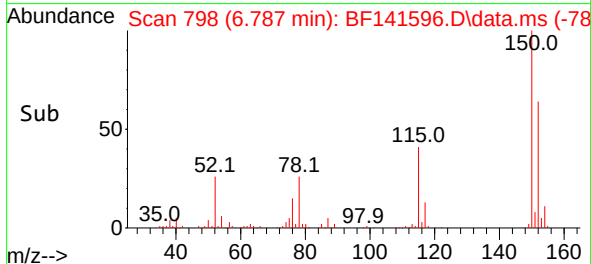


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

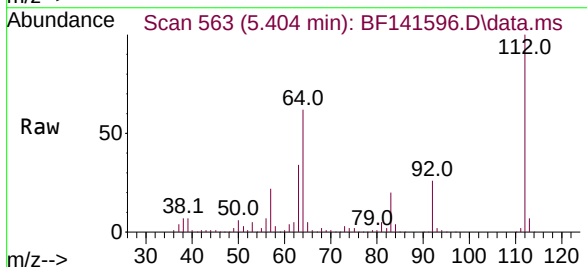
Instrument :
BNA_F
ClientSampleId :
TWP-1-WC



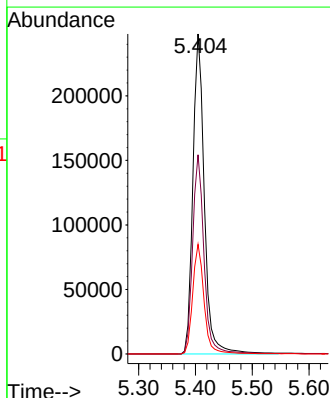
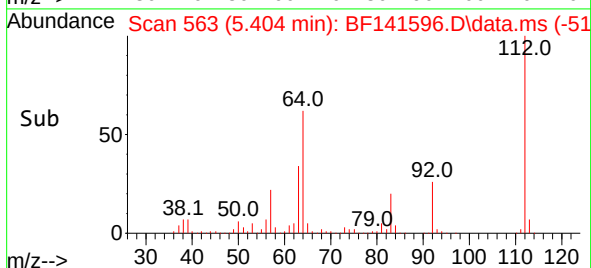
Tgt Ion:152 Resp: 82113
Ion Ratio Lower Upper
152 100
150 156.0 125.0 187.4
115 63.4 53.6 80.4

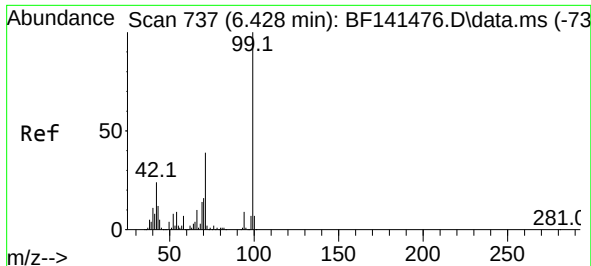


#5
2-Fluorophenol
Concen: 66.655 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54



Tgt Ion:112 Resp: 349116
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 34.2 28.4 42.6





#7
Phenol-d6
Concen: 41.561 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

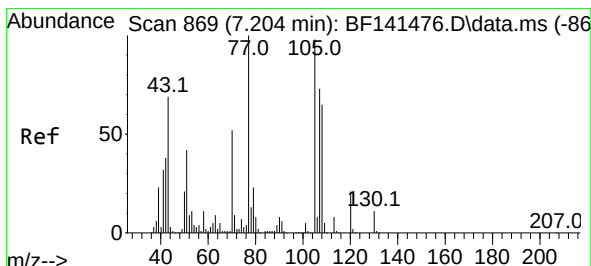
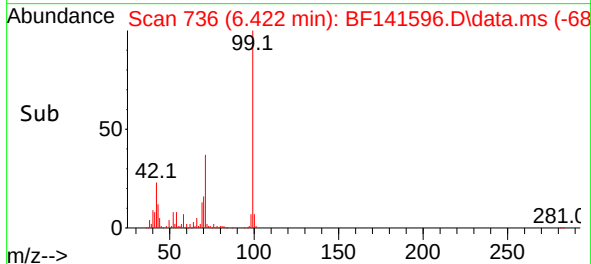
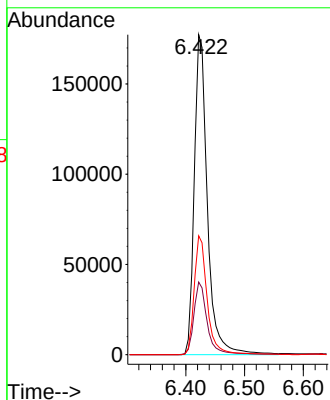
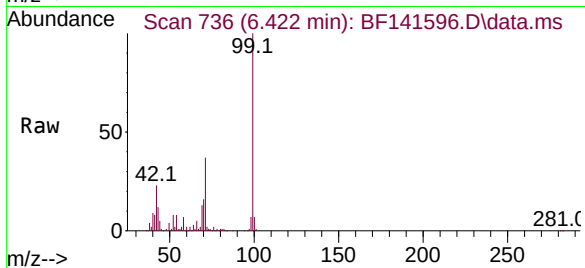
Instrument :

BNA_F

ClientSampleId :

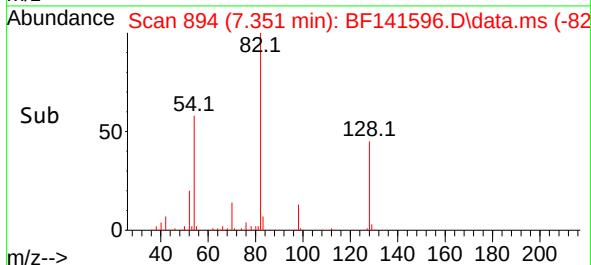
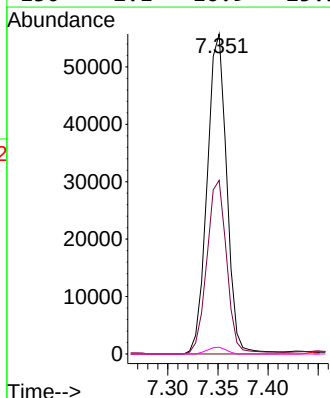
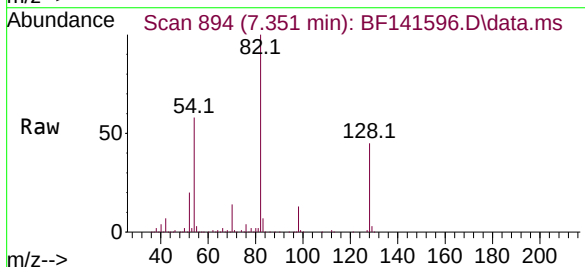
TWP-1-WC

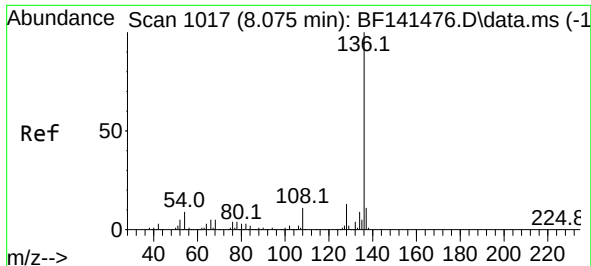
Tgt Ion: 99 Resp: 275134
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 37.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.171 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

Tgt Ion: 70 Resp: 75914
Ion Ratio Lower Upper
70 100
42 54.3 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

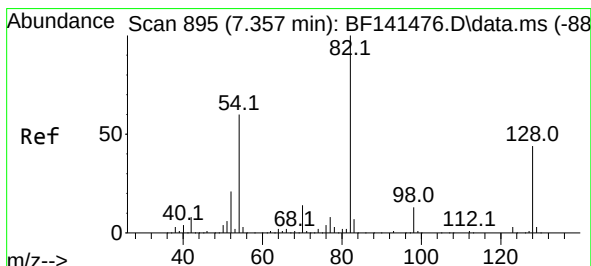
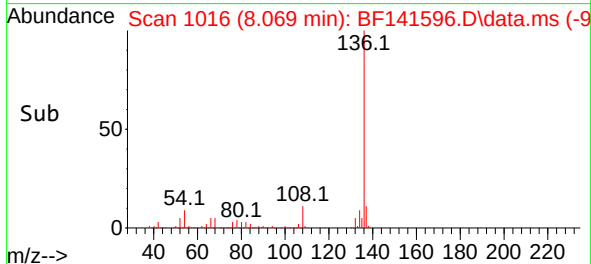
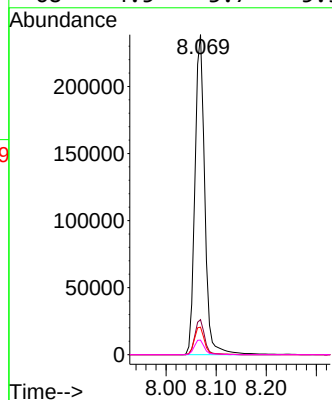
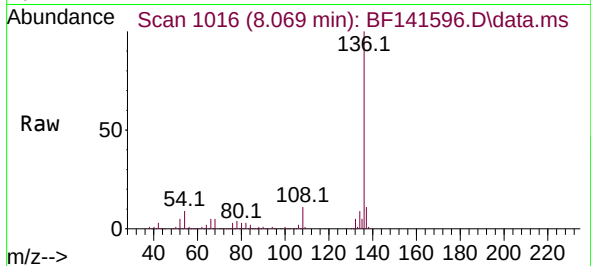




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

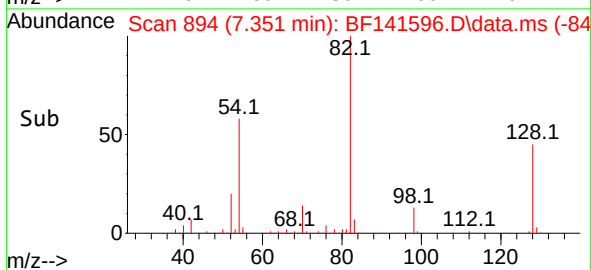
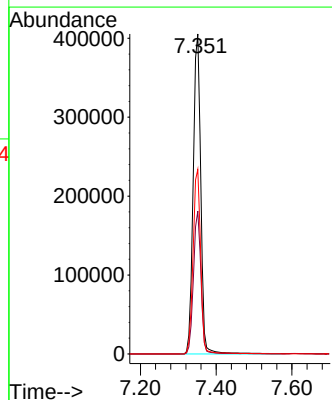
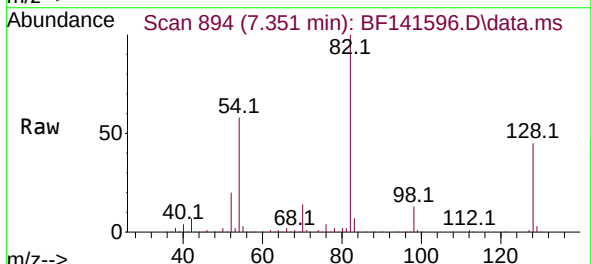
Instrument :
BNA_F
ClientSampleId :
TWP-1-WC

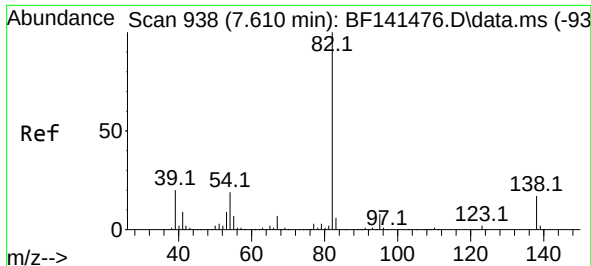
Tgt Ion:136 Resp: 324560
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 7.2 10.8
68 4.5 3.7 5.5



#23
Nitrobenzene-d5
Concen: 90.687 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

Tgt Ion: 82 Resp: 564307
Ion Ratio Lower Upper
82 100
128 44.6 34.8 52.2
54 57.6 48.2 72.4

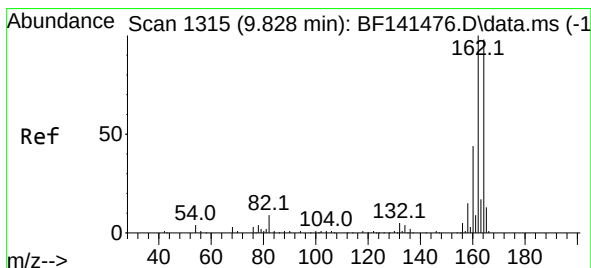
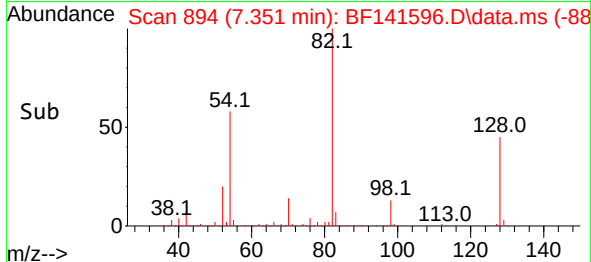
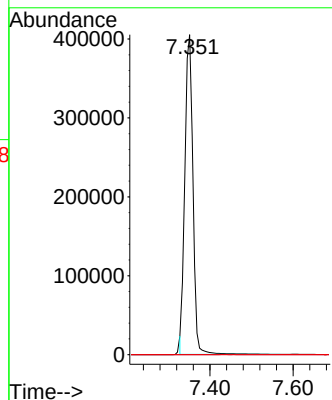
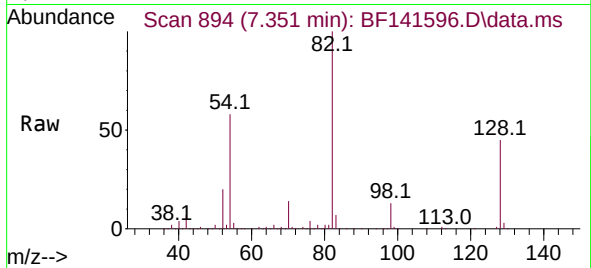




#25
Isophorone
Concen: 55.290 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

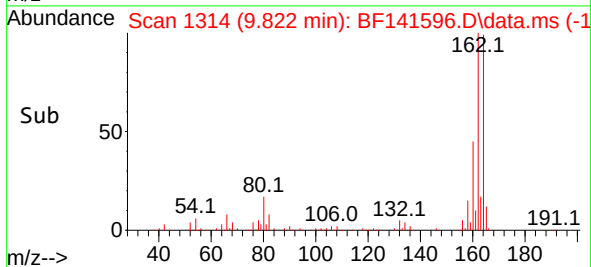
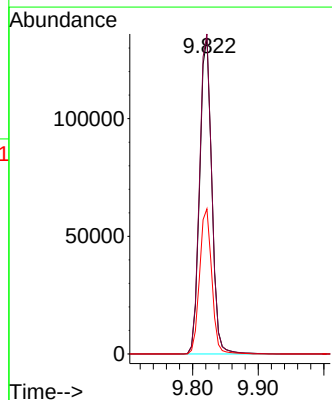
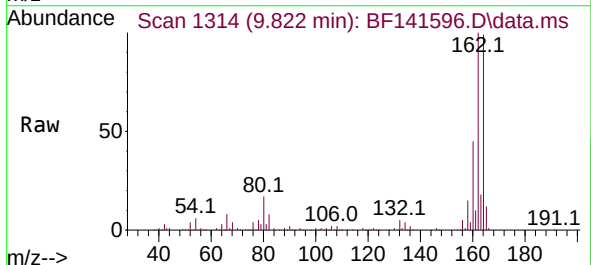
Instrument :
BNA_F
ClientSampleId :
TWP-1-WC

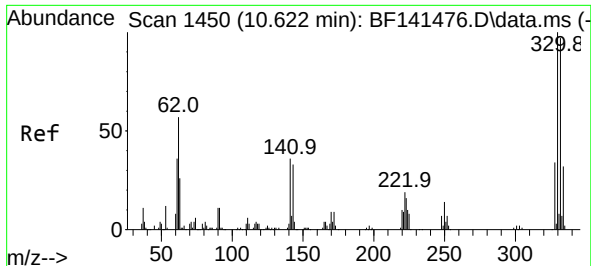
Tgt Ion: 82 Resp: 548573
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

Tgt Ion:164 Resp: 173234
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 131.606 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

Instrument :

BNA_F

ClientSampleId :

TWP-1-WC

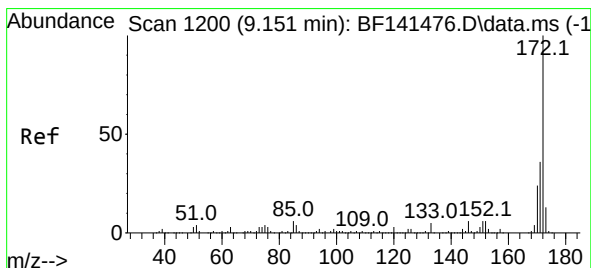
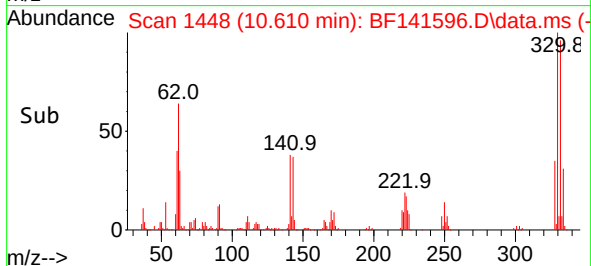
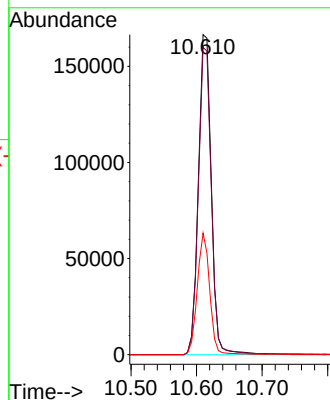
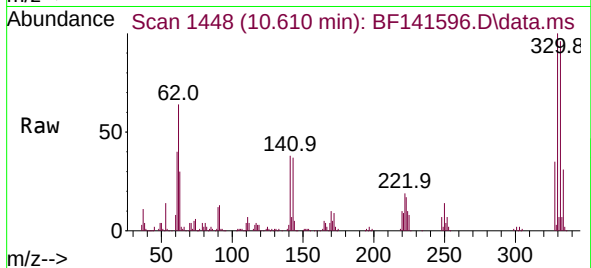
Tgt Ion:330 Resp: 229022

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 36.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.080 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

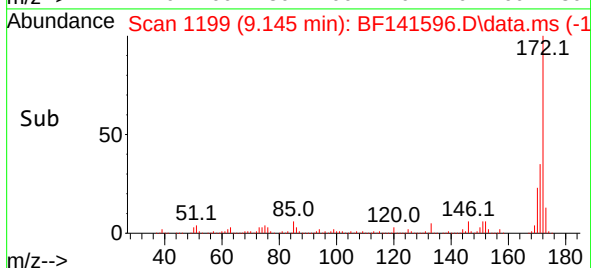
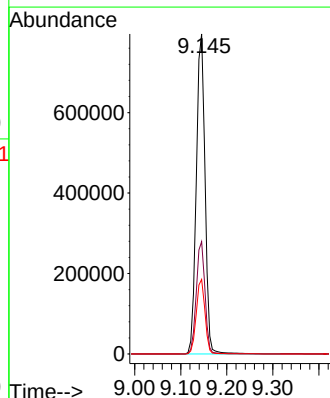
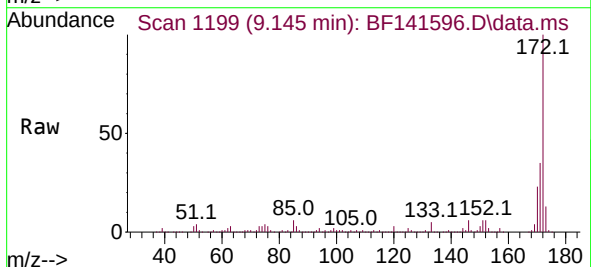
Tgt Ion:172 Resp: 1046614

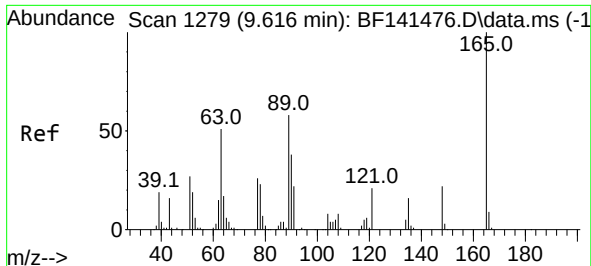
Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 23.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.602 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.200 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

Instrument :

BNA_F

ClientSampleId :

TWP-1-WC

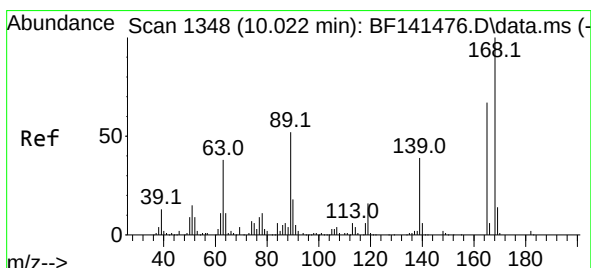
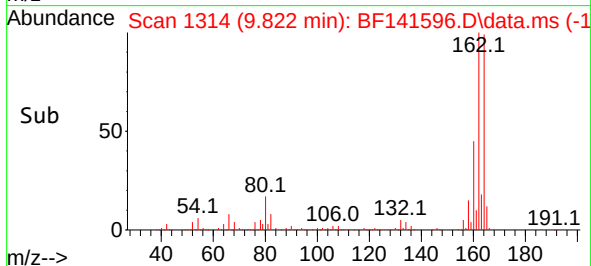
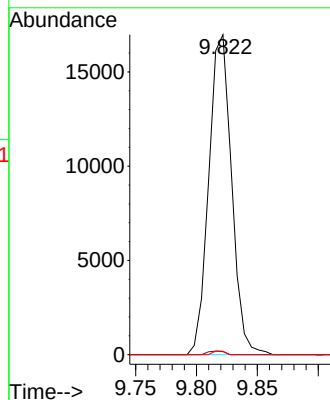
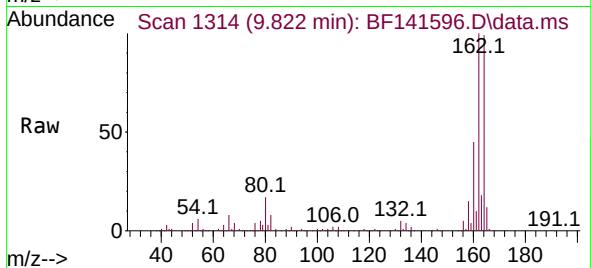
Tgt Ion:165 Resp: 22115

Ion Ratio Lower Upper

165 100

63 1.0 49.4 74.0#

89 1.1 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.462 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

Tgt Ion:165 Resp: 22115

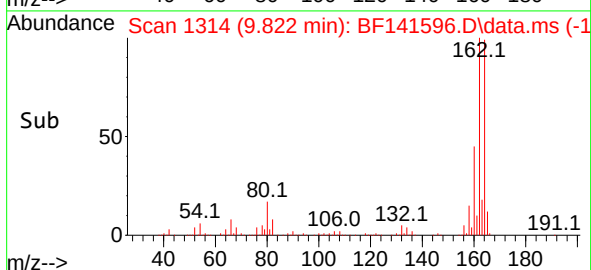
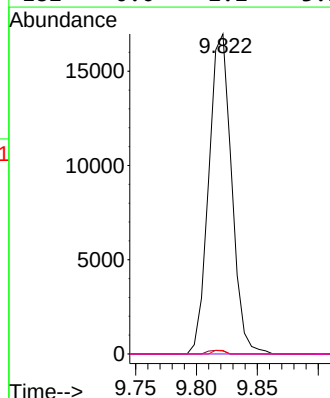
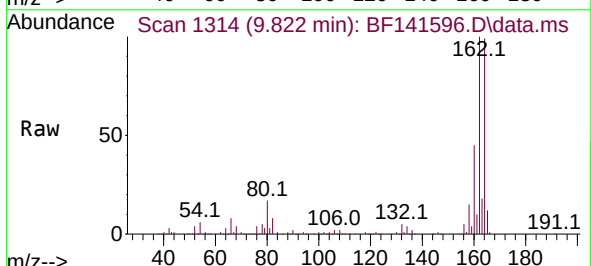
Ion Ratio Lower Upper

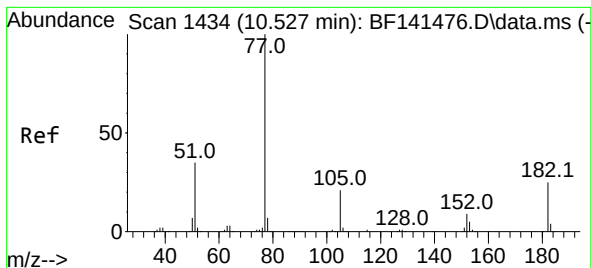
165 100

63 1.0 46.4 69.6#

89 1.1 61.8 92.6#

182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 3.973 ng

RT: 10.533 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

Instrument :

BNA_F

ClientSampleId :

TWP-1-WC

Tgt Ion: 77 Resp: 45705

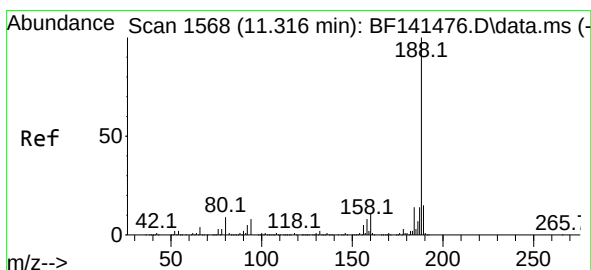
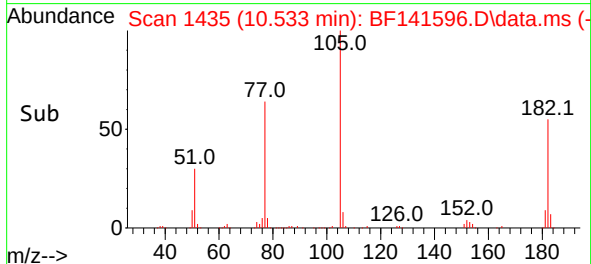
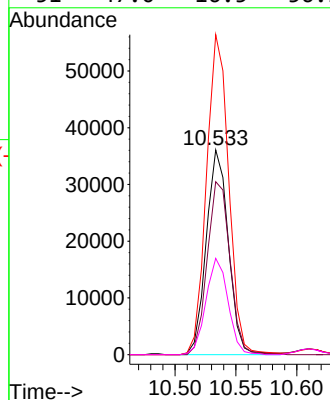
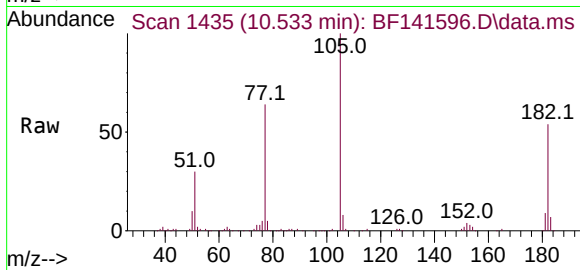
Ion Ratio Lower Upper

77 100

182 84.5 4.7 44.7#

105 156.3 0.4 40.4#

51 47.0 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1566

Delta R.T. -0.012 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

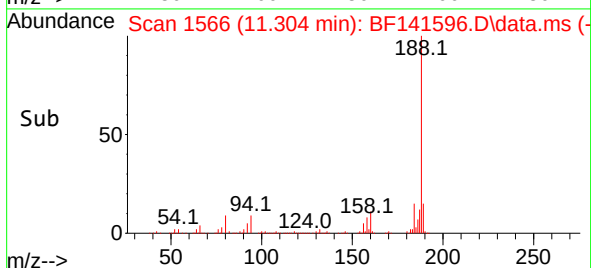
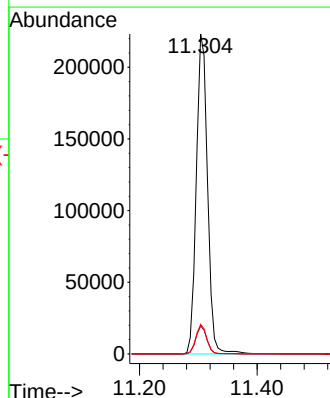
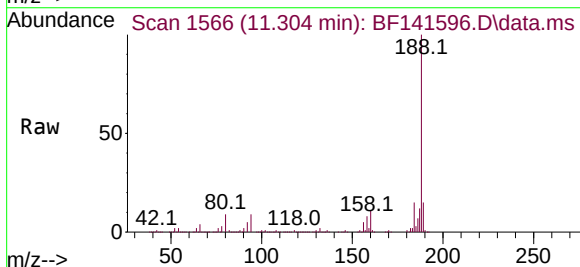
Tgt Ion: 188 Resp: 295491

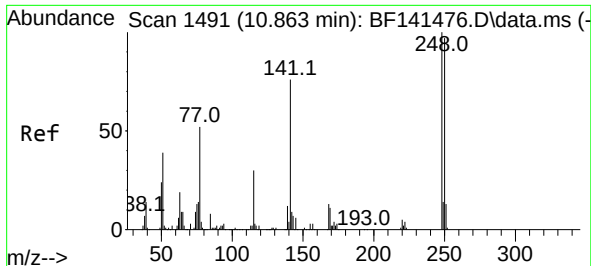
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.2 7.3 10.9

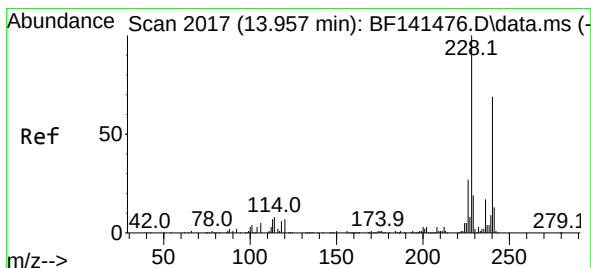
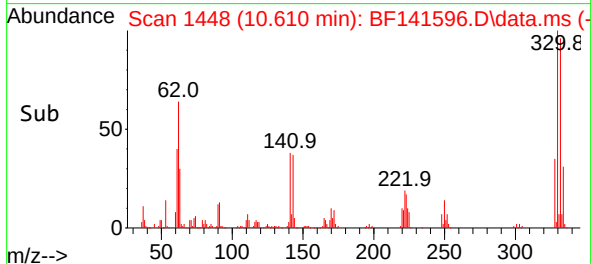
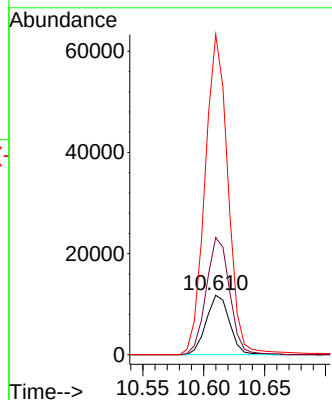
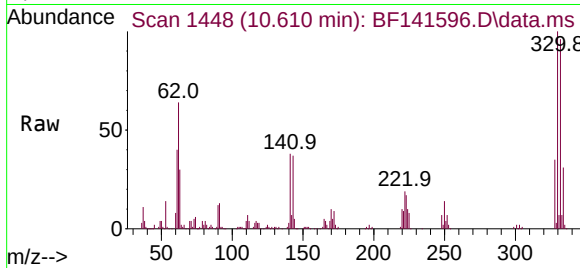




#67
4-Bromophenyl-phenylether
Concen: 4.752 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

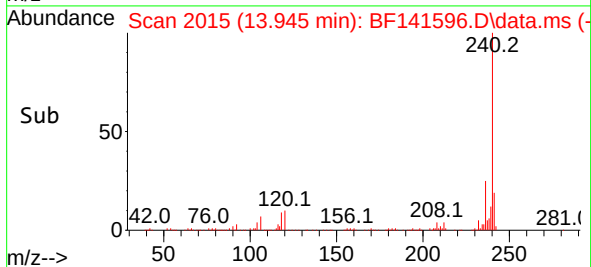
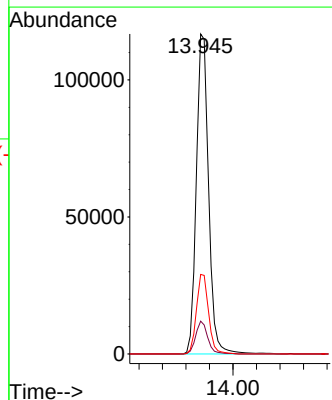
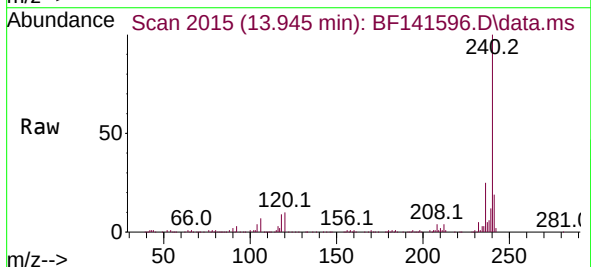
Instrument :
BNA_F
ClientSampleId :
TWP-1-WC

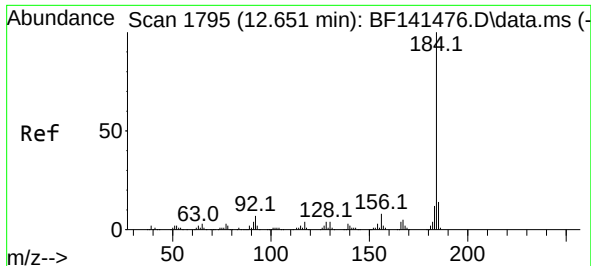
Tgt Ion:248 Resp: 15694
Ion Ratio Lower Upper
248 100
250 197.1 77.8 116.6#
141 538.5 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

Tgt Ion:240 Resp: 168580
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 24.9 19.8 29.8

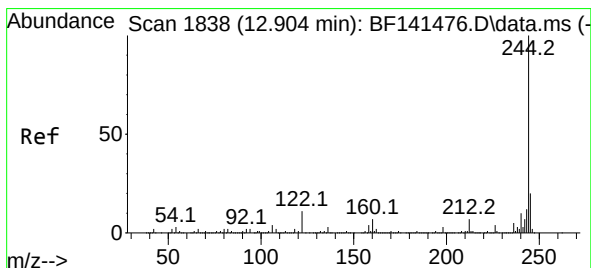
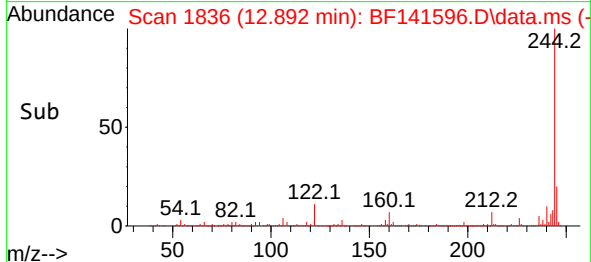
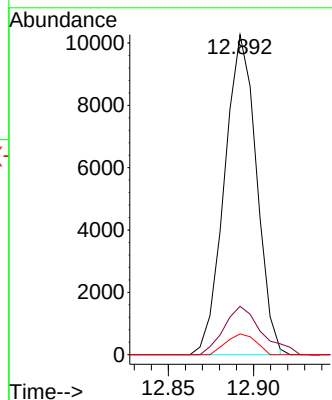
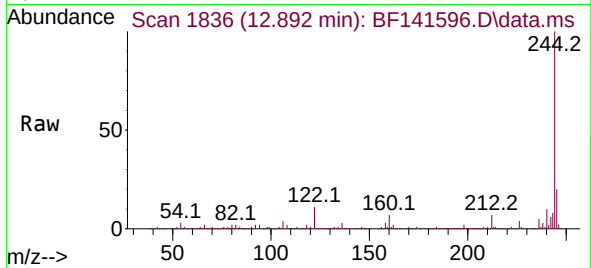




#77
Benzidine
Concen: 3.605 ng
RT: 12.892 min Scan# 1836
Delta R.T. 0.235 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

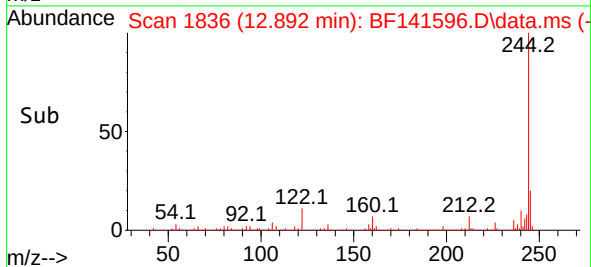
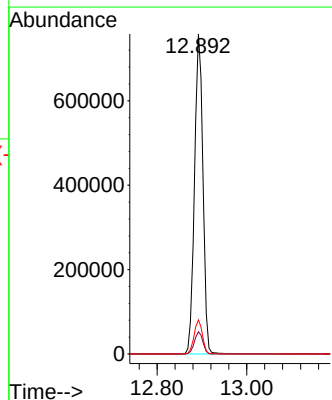
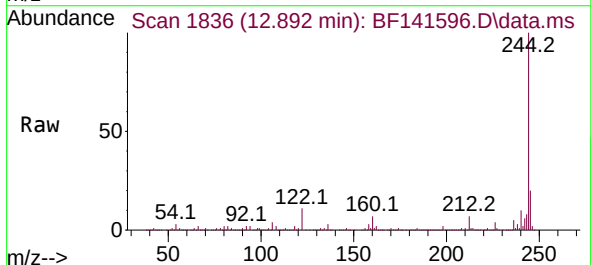
Instrument :
BNA_F
ClientSampleId :
TWP-1-WC

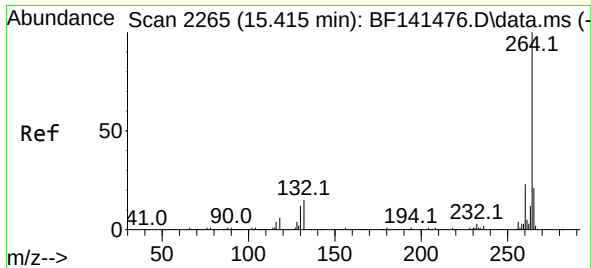
Tgt Ion:184 Resp: 13403
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 6.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 98.715 ng
RT: 12.892 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

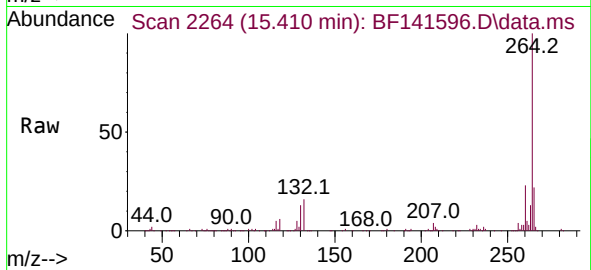
Tgt Ion:244 Resp: 985760
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.6 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141596.D
 Acq: 12 Feb 2025 17:54

Instrument :
 BNA_F
 ClientSampleId :
 TWP-1-WC



Tgt Ion:264 Resp: 156466
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 22.0 17.0 25.4

