

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141564.D
 Acq On : 11 Feb 2025 16:15
 Operator : RC/JU
 Sample : Q1343-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14

Quant Time: Feb 11 17:09:45 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)

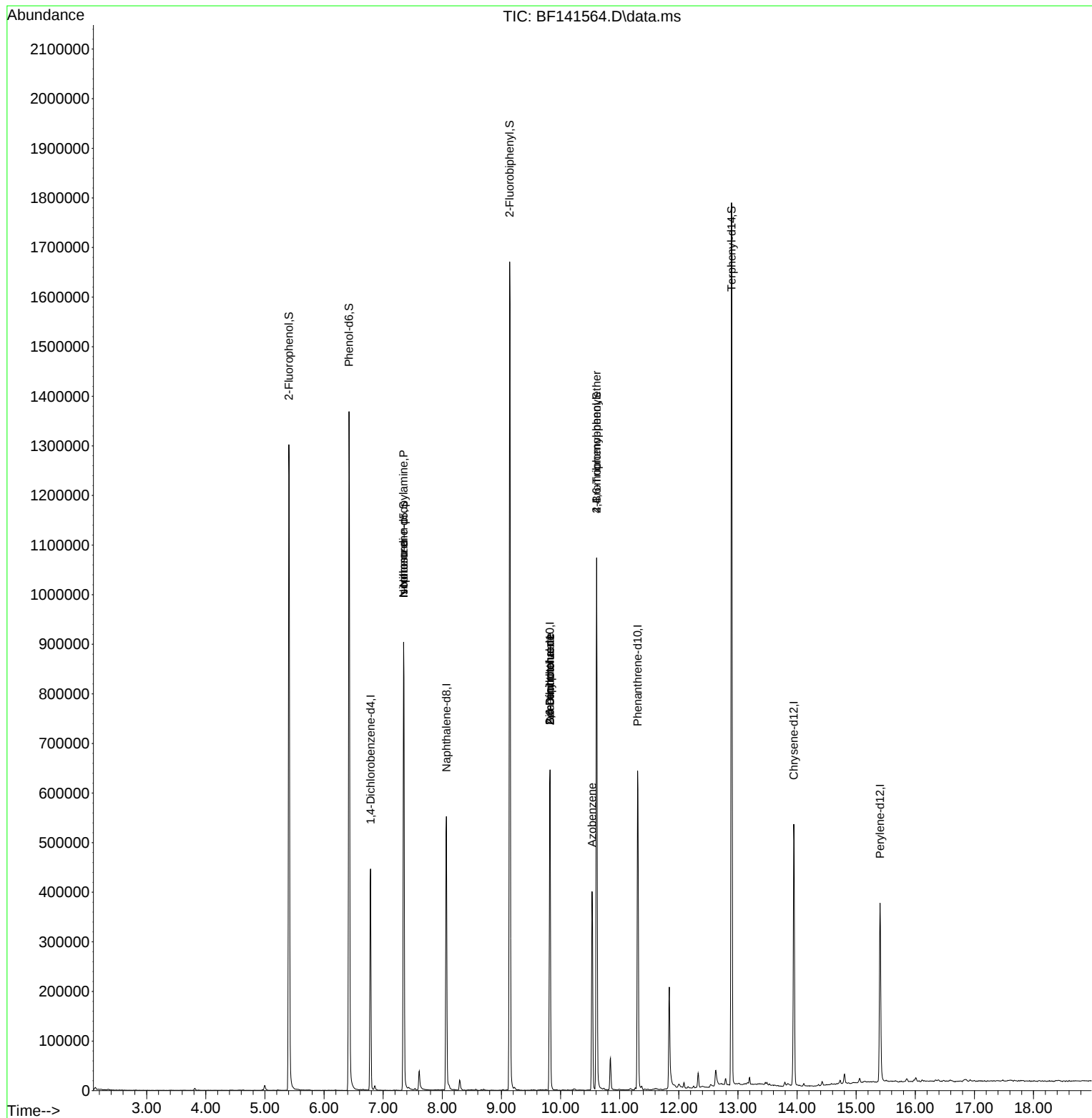
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	93008	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	366198	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	201330	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	346805	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	269163	20.000	ng	-0.02
86) Perylene-d12	15.404	264	217598	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	486985	82.086	ng	0.00
7) Phenol-d6	6.422	99	609124	81.235	ng	-0.02
23) Nitrobenzene-d5	7.345	82	403074	57.411	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	171151	84.626	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	758729	58.060	ng	-0.01
79) Terphenyl-d14	12.892	244	854906	53.619	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	53371	11.899	ng	# 75
25) Isophorone	7.345	82	390204	34.856	ng	# 66
50) Dimethylphthalate	9.822	163	31399	2.297	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	25665	8.590	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	25665	6.452	ng	# 18
63) Azobenzene	10.533	77	100570	7.523	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	11771	3.037	ng	# 1

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

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ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Thu Feb 06 16:58:59 2025
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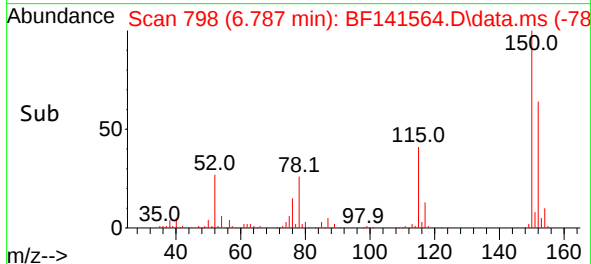
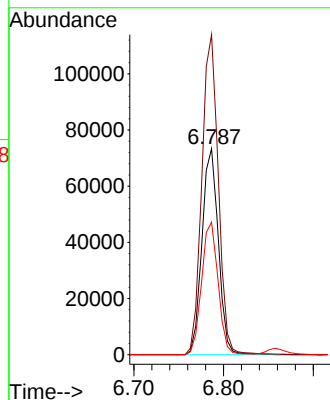
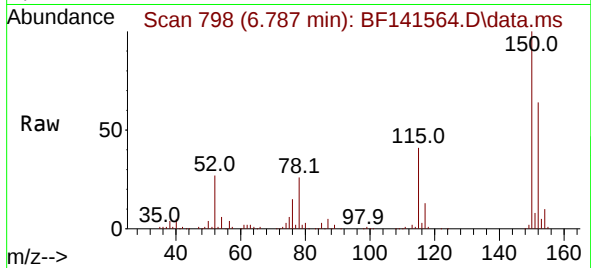




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141564.D
 Acq: 11 Feb 2025 16:15

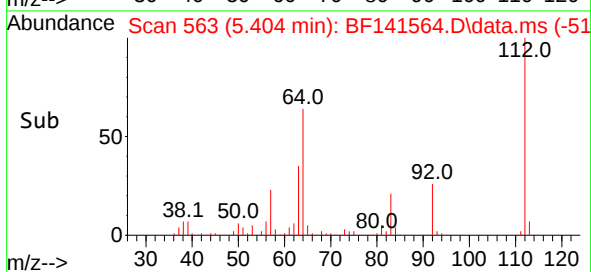
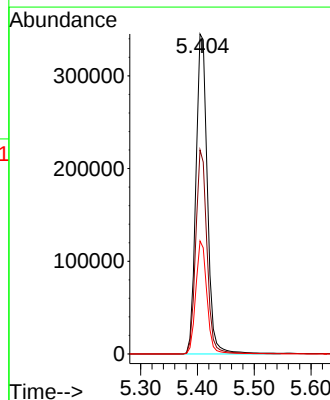
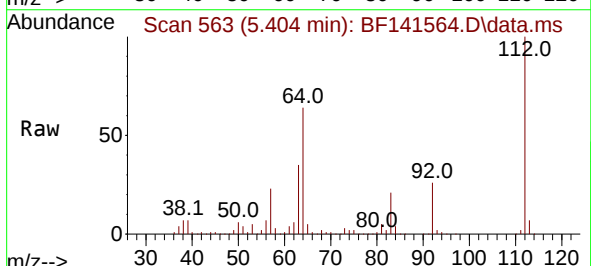
Instrument :
 BNA_F
 ClientSampleId :
 WC-14

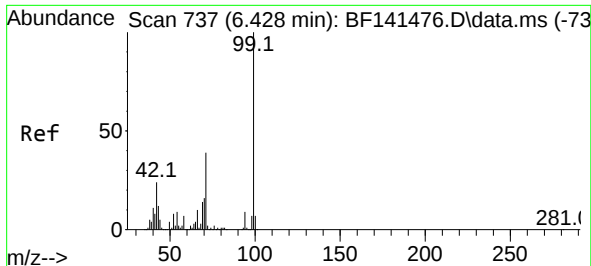
Tgt Ion:152 Resp: 93008
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.4
 115 64.3 53.6 80.4



#5
 2-Fluorophenol
 Concen: 82.086 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141564.D
 Acq: 11 Feb 2025 16:15

Tgt Ion:112 Resp: 486985
 Ion Ratio Lower Upper
 112 100
 64 63.7 51.1 76.7
 63 35.3 28.4 42.6





#7
Phenol-d6
Concen: 81.235 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

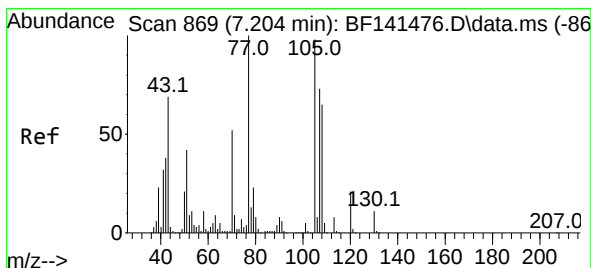
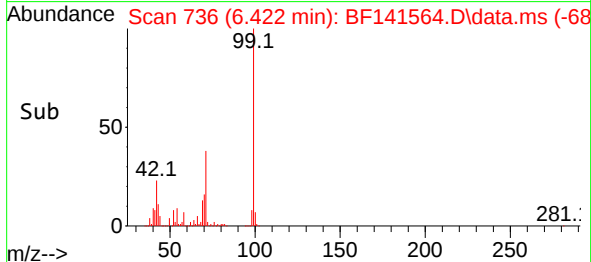
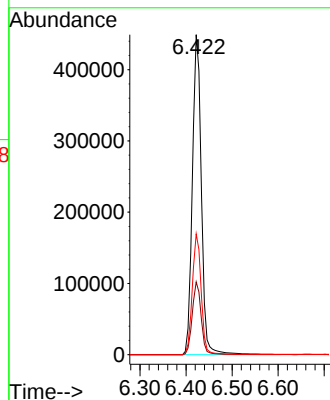
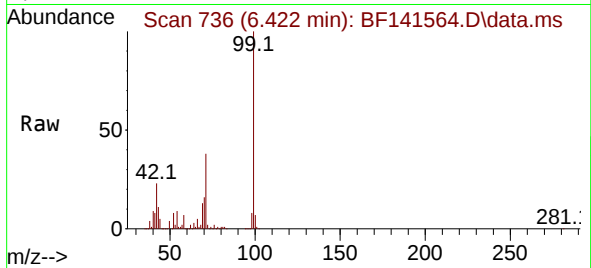
Instrument :

BNA_F

ClientSampleId :

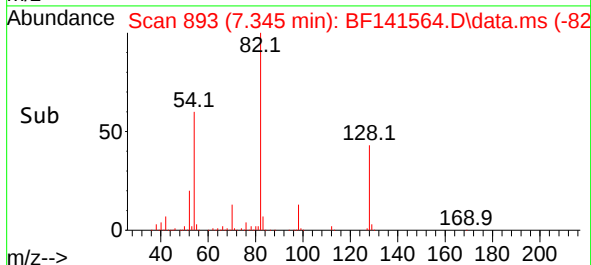
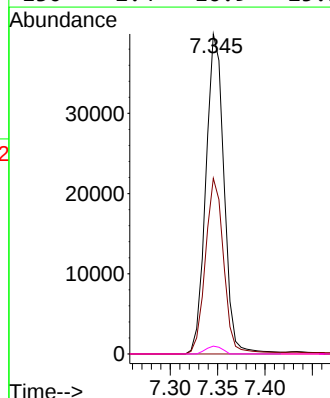
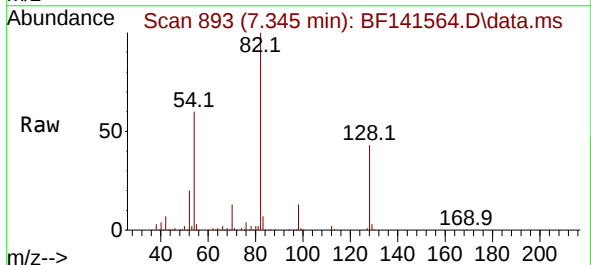
WC-14

Tgt Ion: 99 Resp: 609124
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 37.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.899 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

Tgt Ion: 70 Resp: 53371
Ion Ratio Lower Upper
70 100
42 54.9 57.4 86.2#
101 0.0 8.0 12.0#
130 2.4 16.9 25.3#

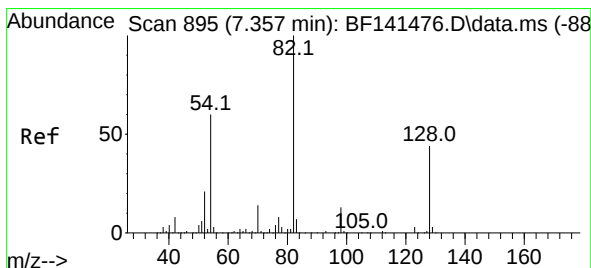
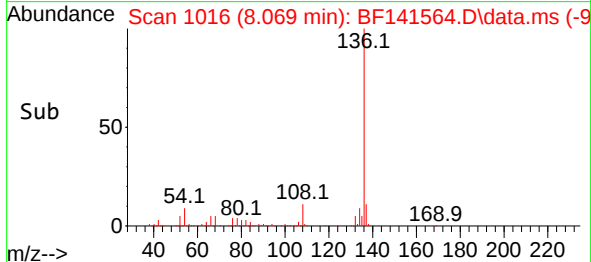
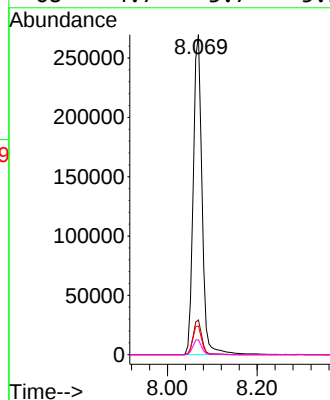
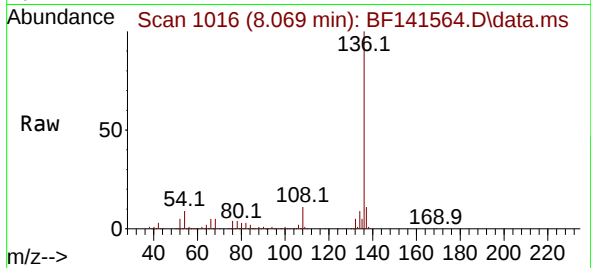




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

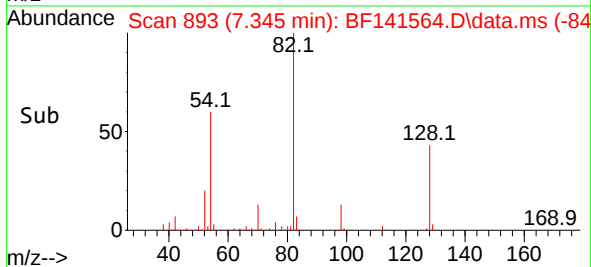
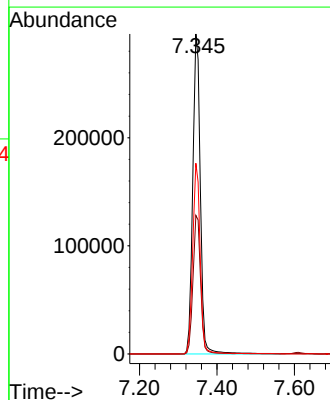
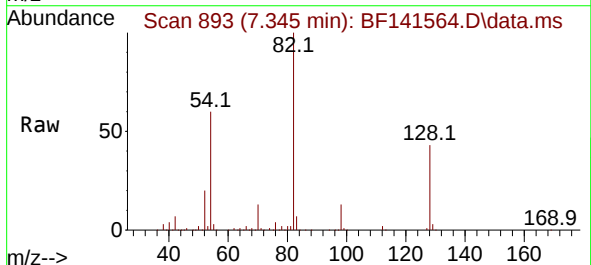
Instrument :
BNA_F
ClientSampleId :
WC-14

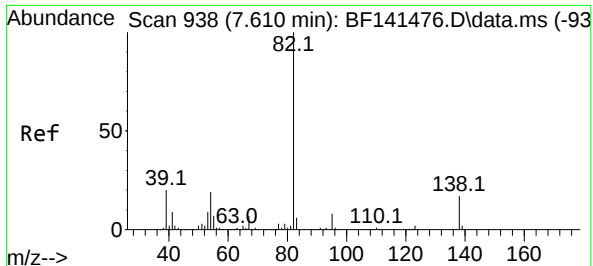
Tgt Ion:136 Resp: 366198
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.2 10.8
68 4.7 3.7 5.5



#23
Nitrobenzene-d5
Concen: 57.411 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

Tgt Ion: 82 Resp: 403074
Ion Ratio Lower Upper
82 100
128 43.3 34.8 52.2
54 59.6 48.2 72.4

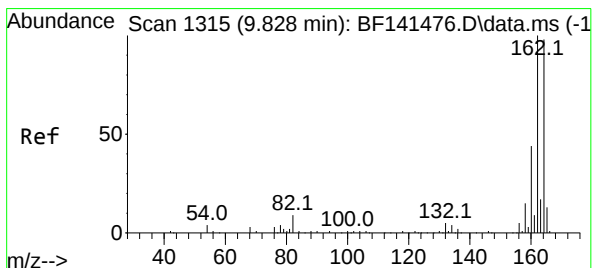
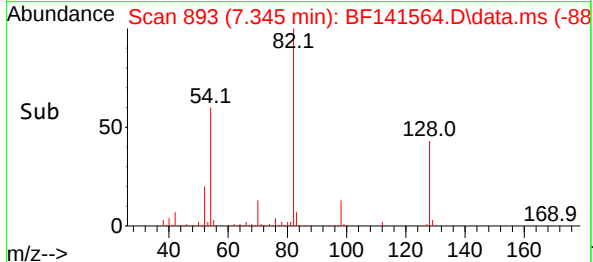
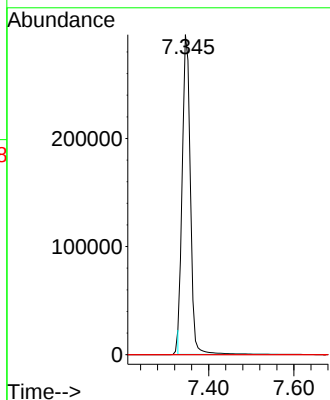
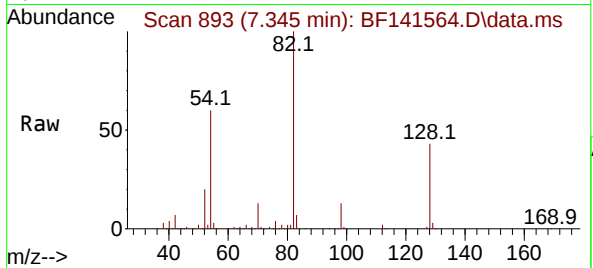




#25
Isophorone
Concen: 34.856 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

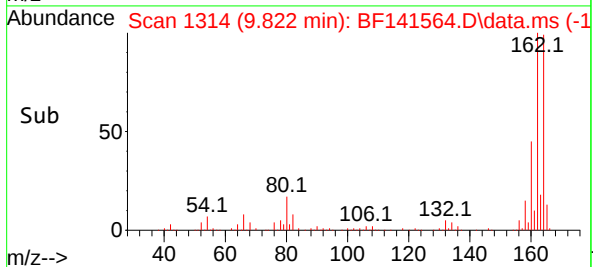
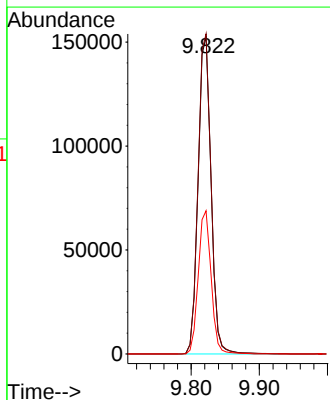
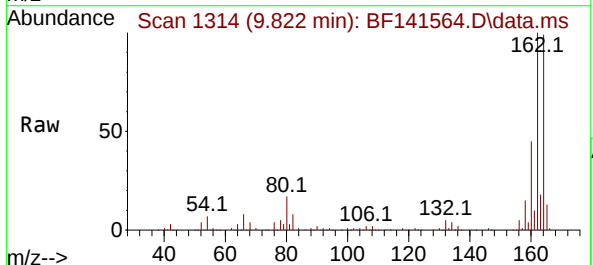
Instrument :
BNA_F
ClientSampleId :
WC-14

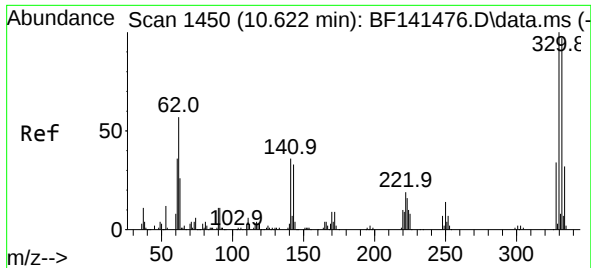
Tgt Ion: 82 Resp: 390204
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

Tgt Ion: 164 Resp: 201330
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 45.1 35.9 53.9

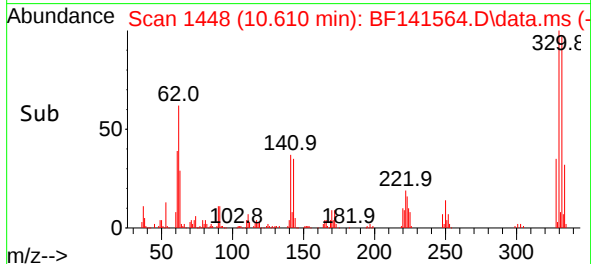
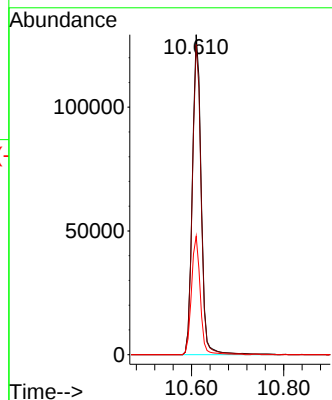
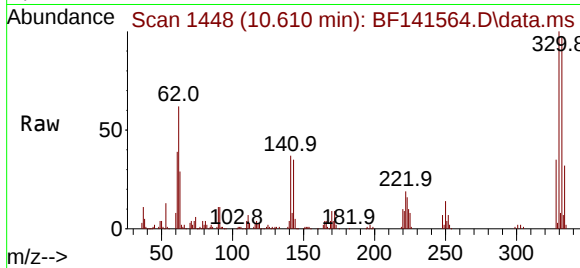




#42
2,4,6-Tribromophenol
Concen: 84.626 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

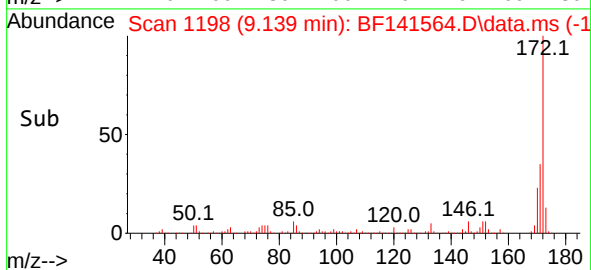
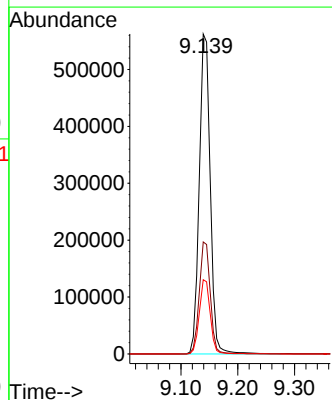
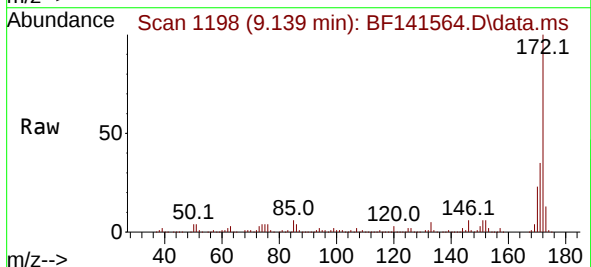
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ClientSampleId :
WC-14

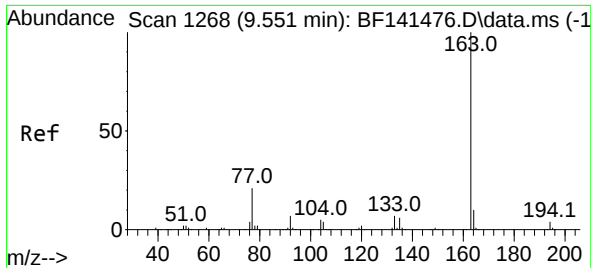
Tgt Ion:330 Resp: 171151
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 36.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 58.060 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

Tgt Ion:172 Resp: 758729
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.2 18.9 28.3

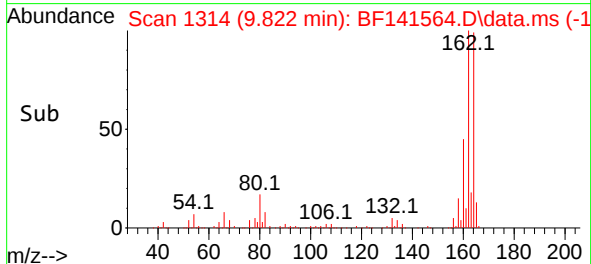
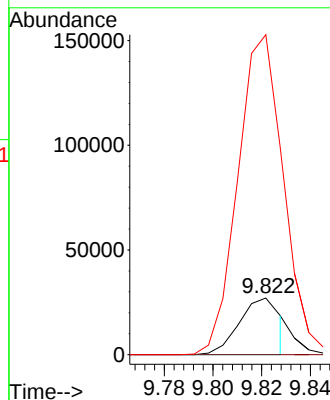
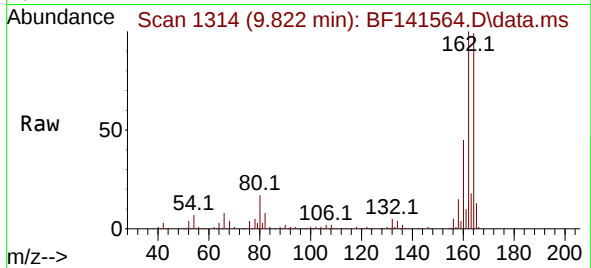




#50
Dimethylphthalate
Concen: 2.297 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

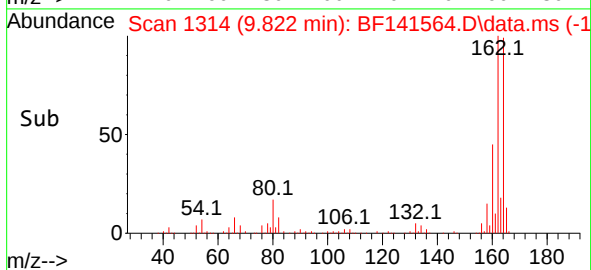
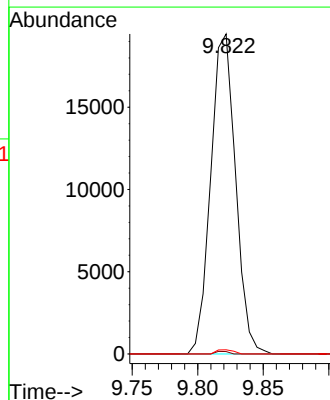
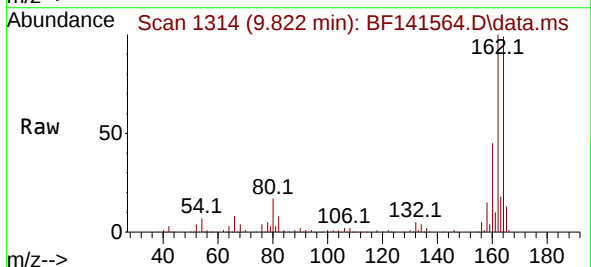
Instrument :
BNA_F
ClientSampleId :
WC-14

Tgt Ion:163 Resp: 31399
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 565.2 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.590 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

Tgt Ion:165 Resp: 25665
Ion Ratio Lower Upper
165 100
63 0.8 49.4 74.0#
89 1.3 46.5 69.7#

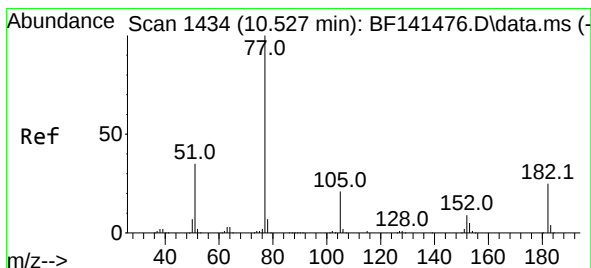
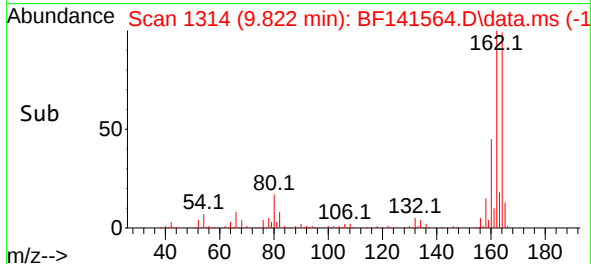
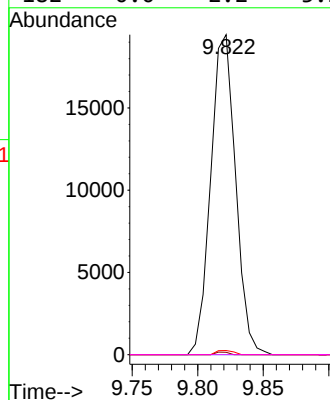
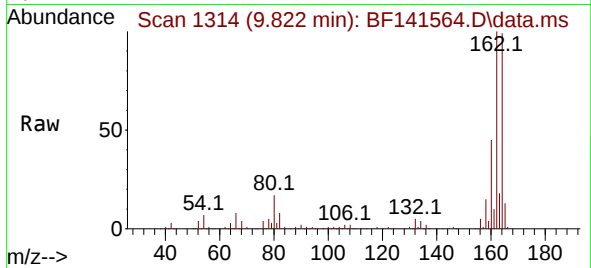




#57
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

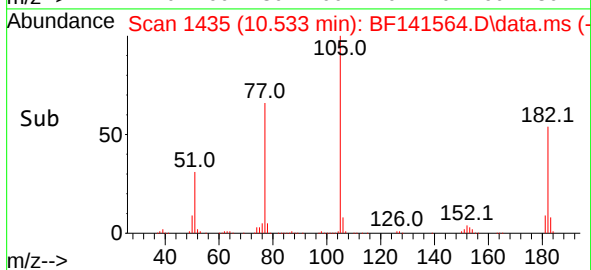
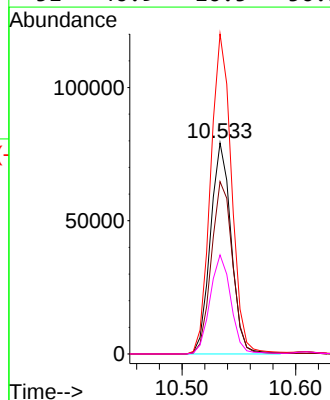
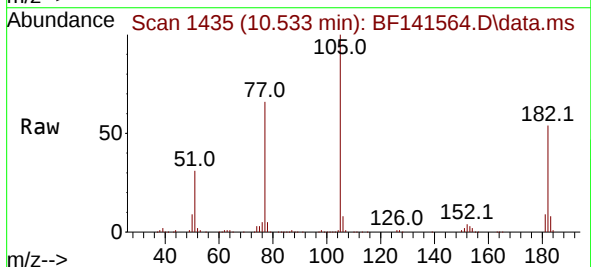
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WC-14

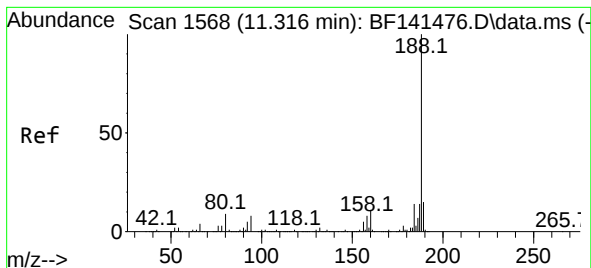
Tgt Ion:165 Resp: 25665
Ion Ratio Lower Upper
165 100
63 0.8 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 7.523 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

Tgt Ion: 77 Resp: 100570
Ion Ratio Lower Upper
77 100
182 81.7 4.7 44.7#
105 151.6 0.4 40.4#
51 46.9 16.5 56.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141564.D

Acq: 11 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14

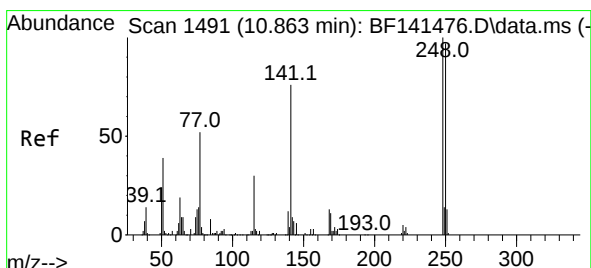
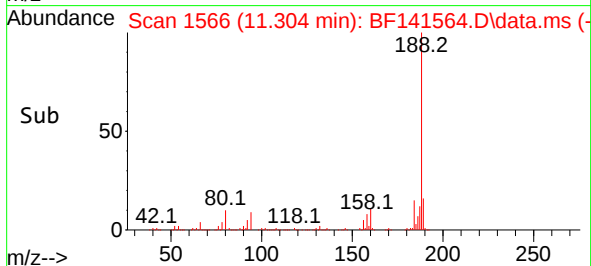
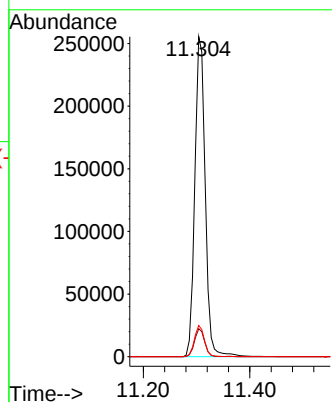
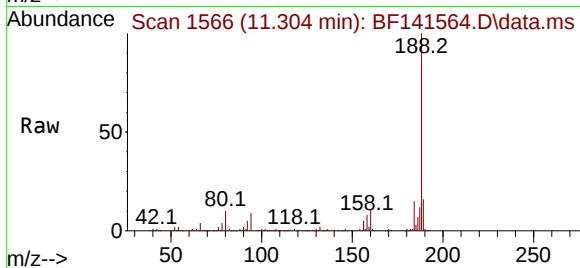
Tgt Ion:188 Resp: 346805

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.8 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.037 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141564.D

Acq: 11 Feb 2025 16:15

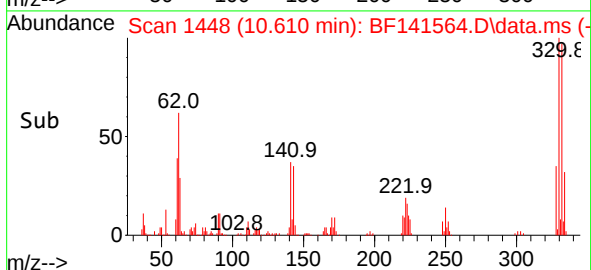
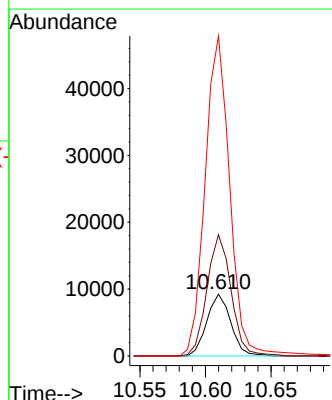
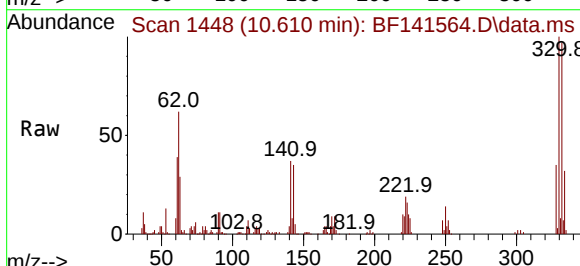
Tgt Ion:248 Resp: 11771

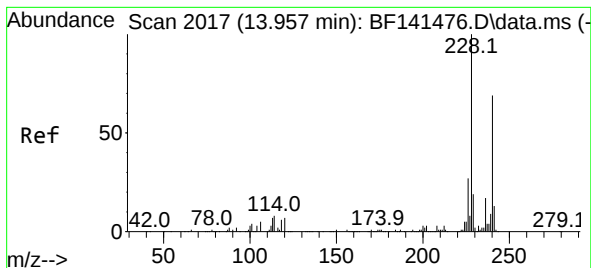
Ion Ratio Lower Upper

248 100

250 196.3 77.8 116.6#

141 518.0 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141564.D

Acq: 11 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14

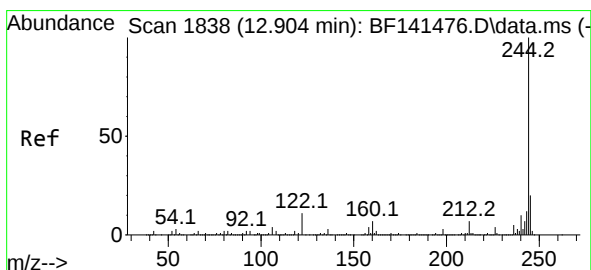
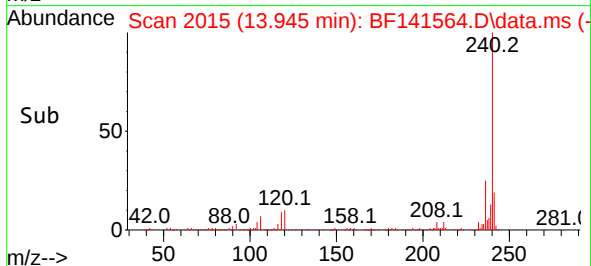
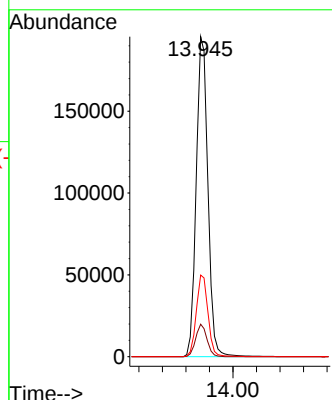
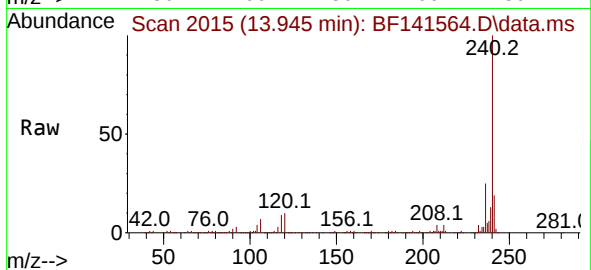
Tgt Ion:240 Resp: 269163

Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 53.619 ng

RT: 12.892 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF141564.D

Acq: 11 Feb 2025 16:15

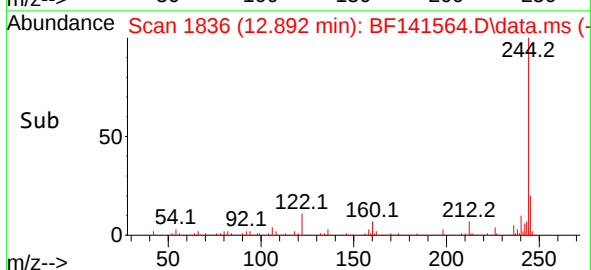
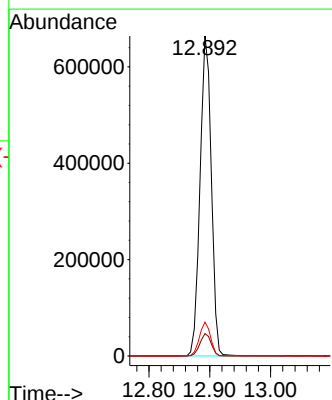
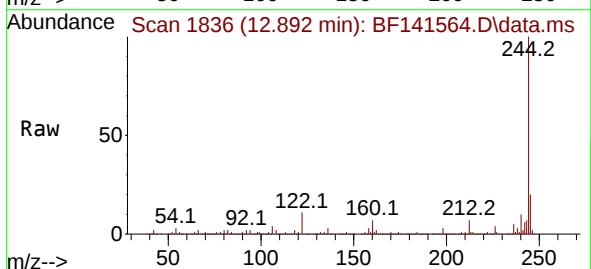
Tgt Ion:244 Resp: 854906

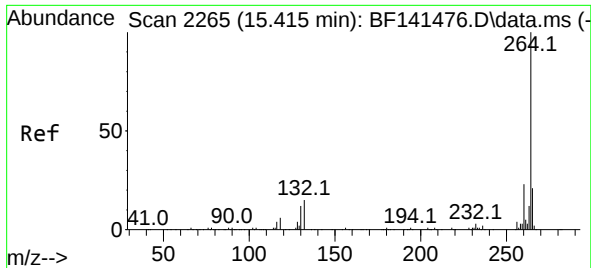
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.6 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141564.D

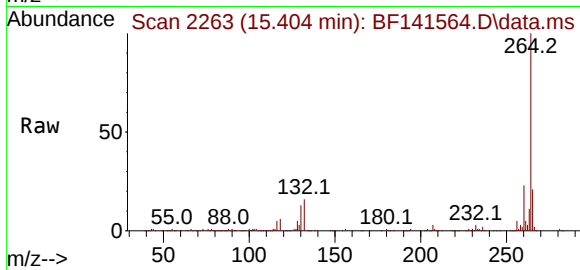
Acq: 11 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14



Tgt Ion:264 Resp: 217598

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.2 17.0 25.4

