

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

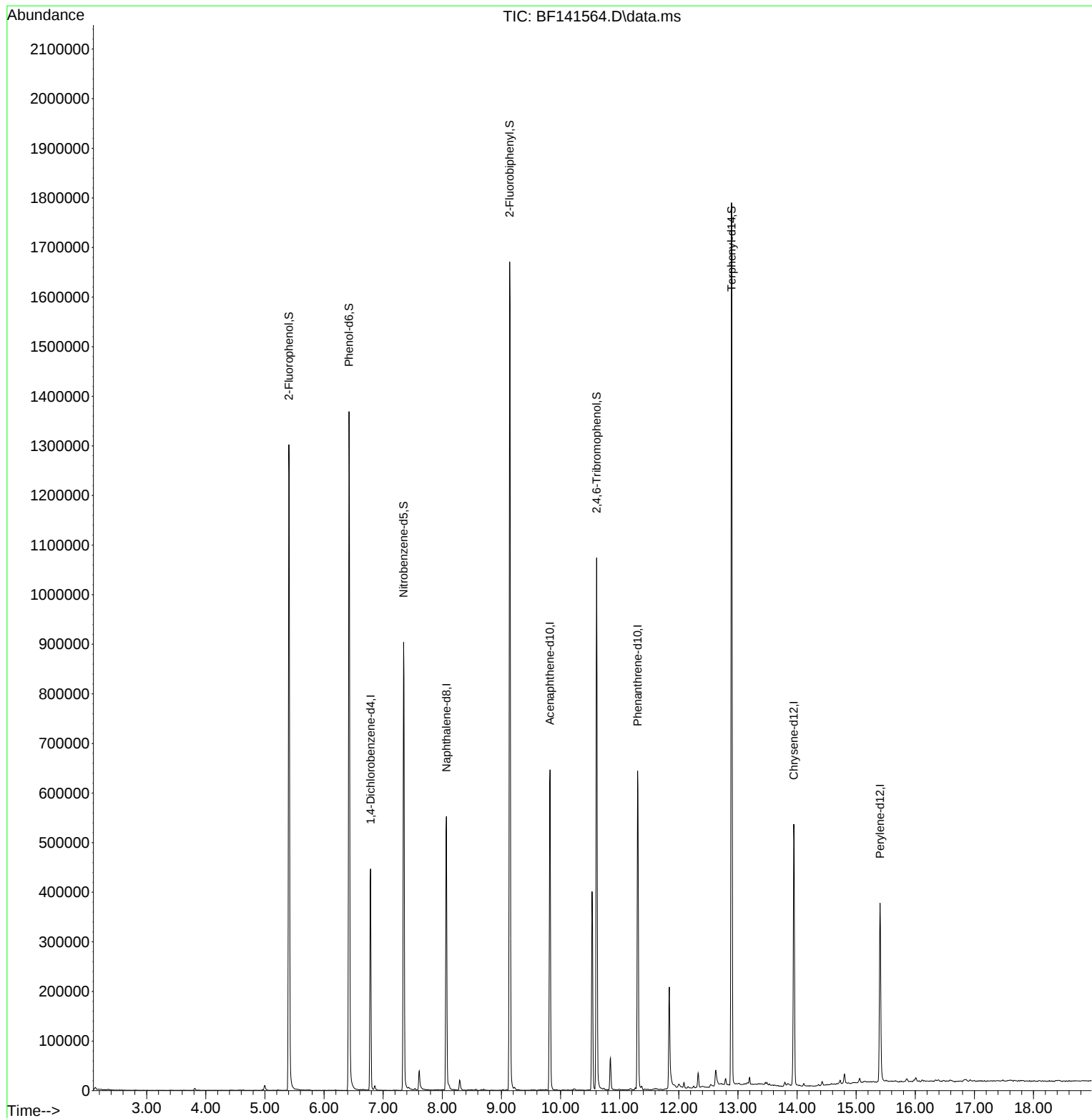
Target Compounds	Qvalue

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

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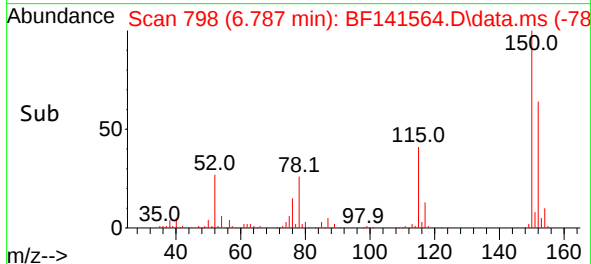
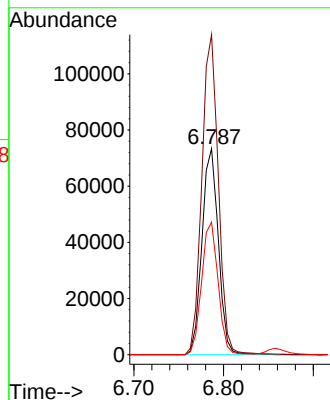
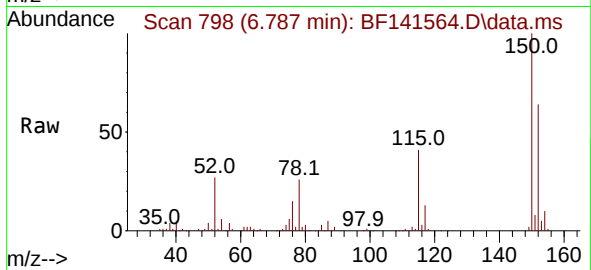




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141564.D
 Acq: 11 Feb 2025 16:15

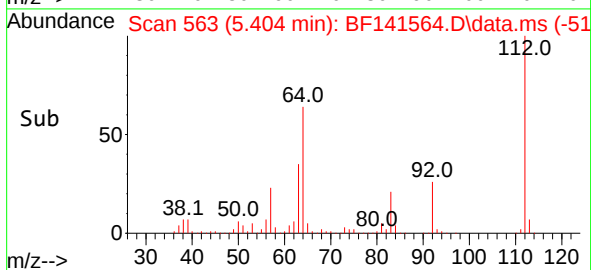
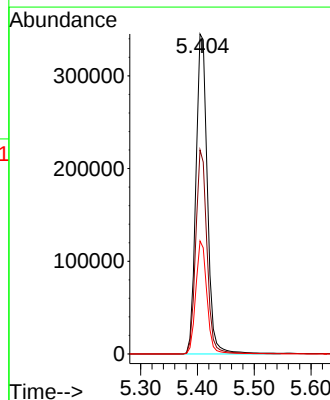
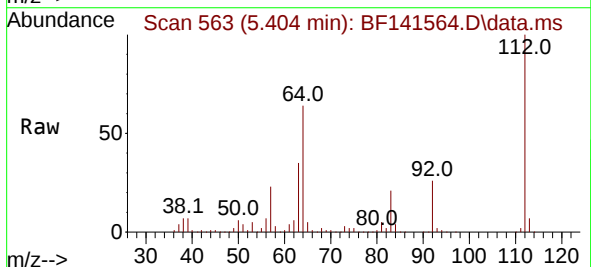
Instrument :
 BNA_F
 ClientSampleId :
 WC-14

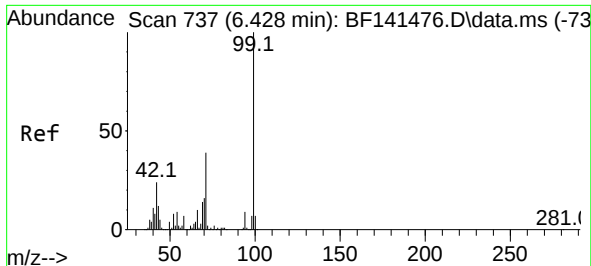
Tgt Ion:152 Resp: 93008
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.4
 115 64.3 53.6 80.4



#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

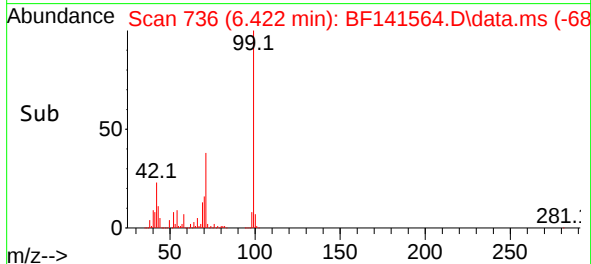
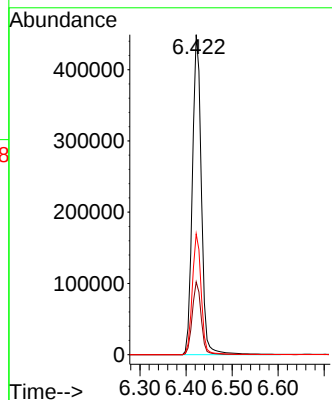
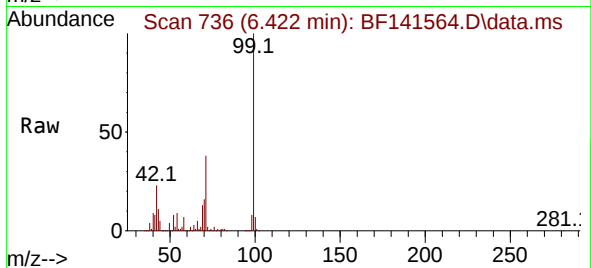




#7
Phenol-d6
Concen: 81.235 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

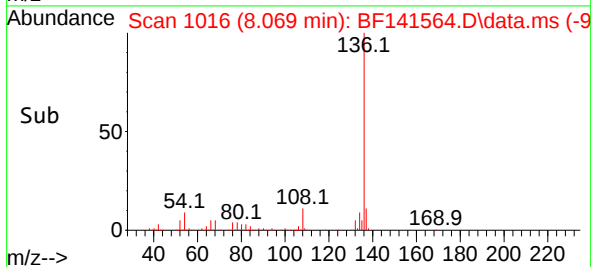
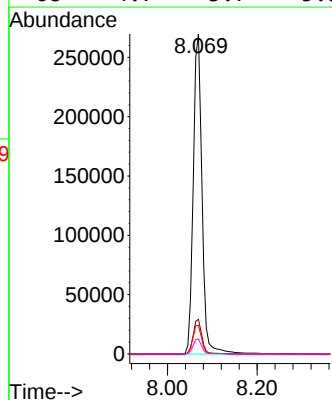
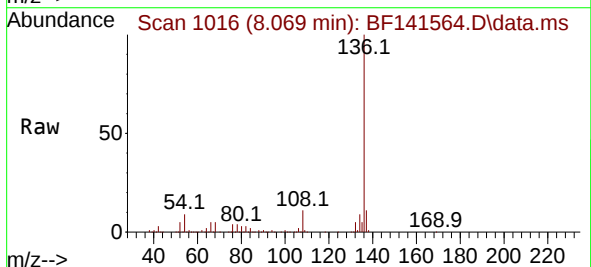
Instrument :
BNA_F
ClientSampleId :
WC-14

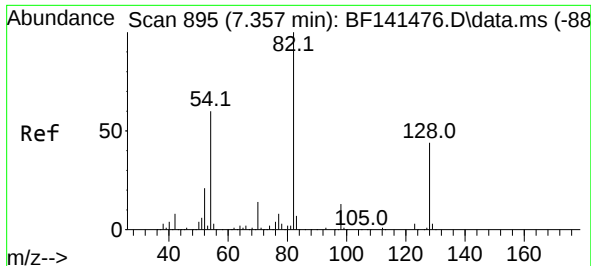
Tgt Ion: 99 Resp: 609124
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 37.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141564.D
Acq: 11 Feb 2025 16:15

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# 895

Delta R.T. -0.017 min

Lab File: BF141564.D

Acq: 11 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14

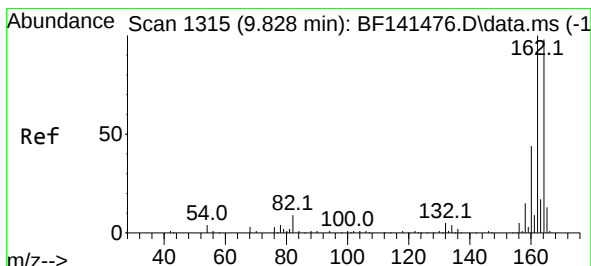
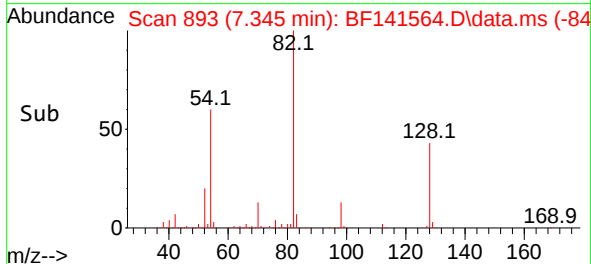
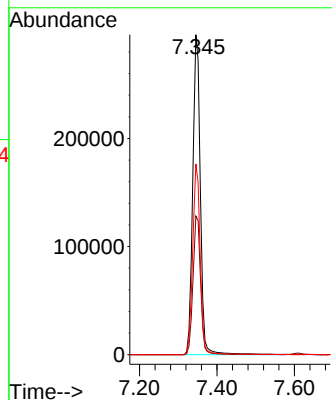
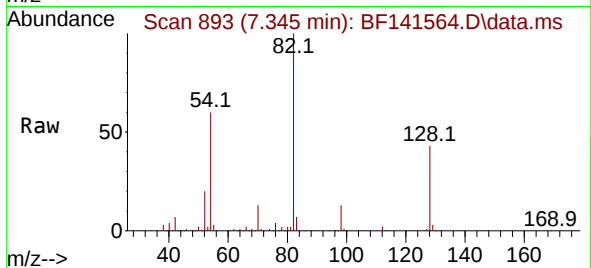
Tgt Ion: 82 Resp: 403074

Ion Ratio Lower Upper

82 100

128 43.3 34.8 52.2

54 59.6 48.2 72.4



#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

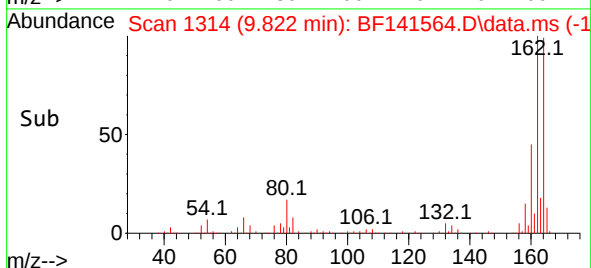
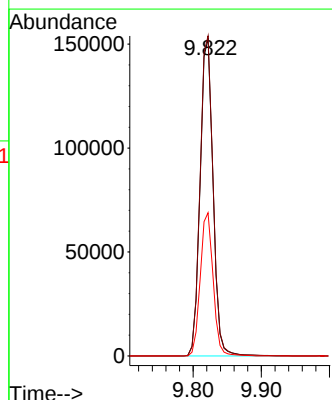
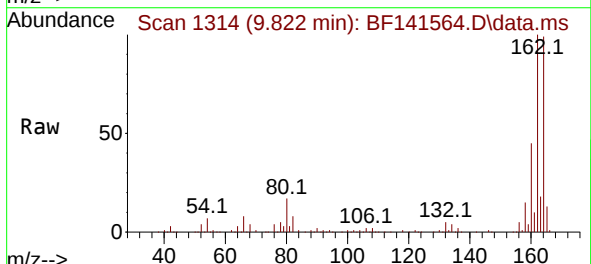
Tgt Ion: 164 Resp: 201330

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

Instrument :

BNA_F

ClientSampleId :

WC-14

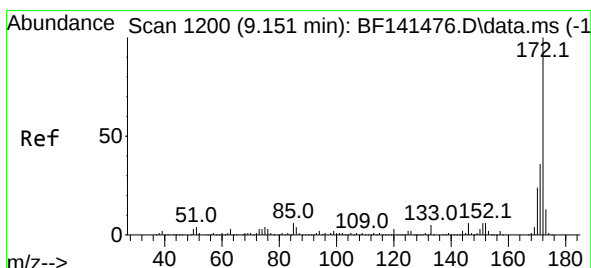
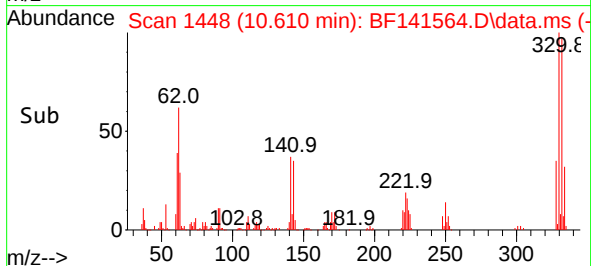
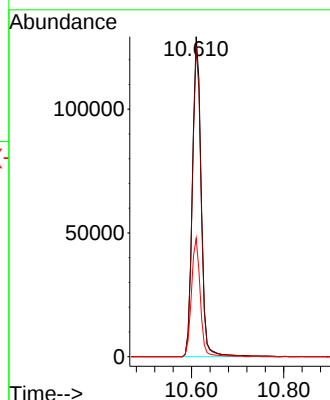
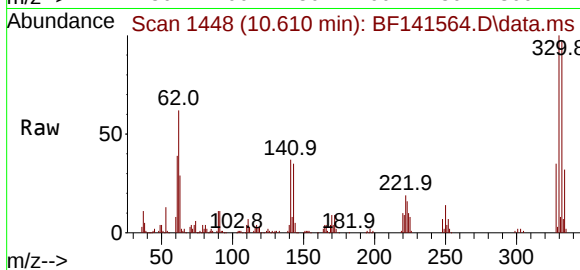
Tgt Ion:330 Resp: 171151

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

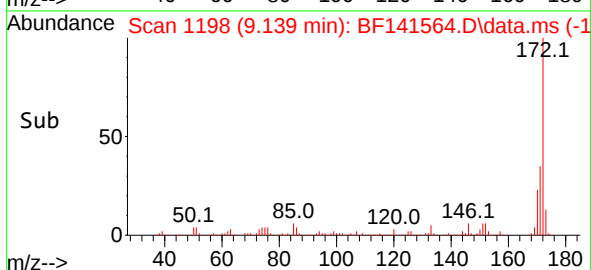
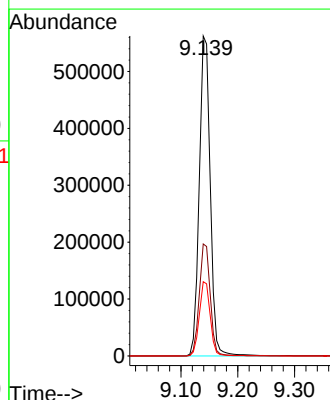
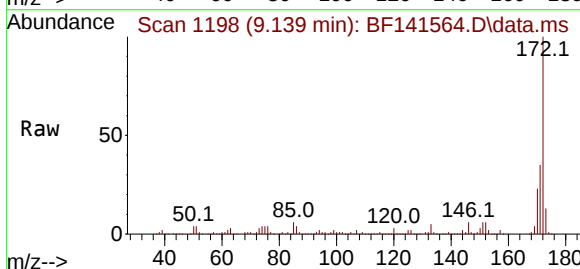
Tgt Ion:172 Resp: 758729

Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

170 23.2 18.9 28.3





#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

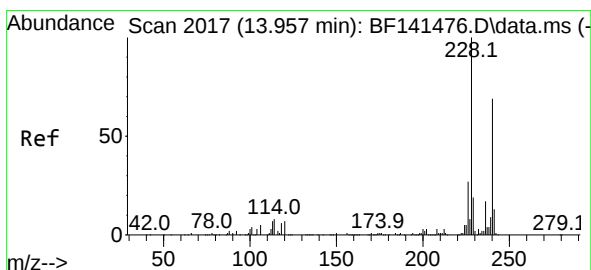
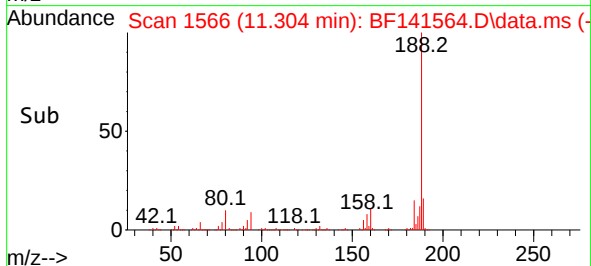
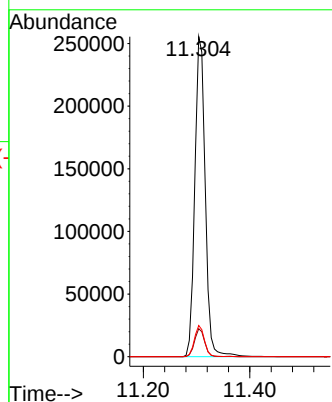
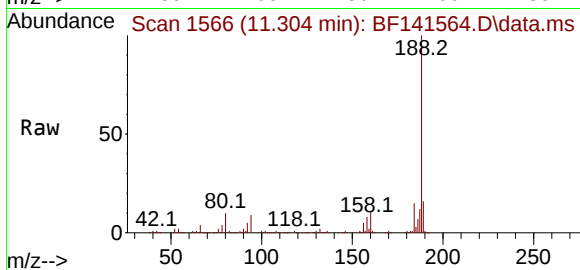
Tgt Ion:188 Resp: 346805

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.018 min

Lab File: BF141564.D

Acq: 11 Feb 2025 16:15

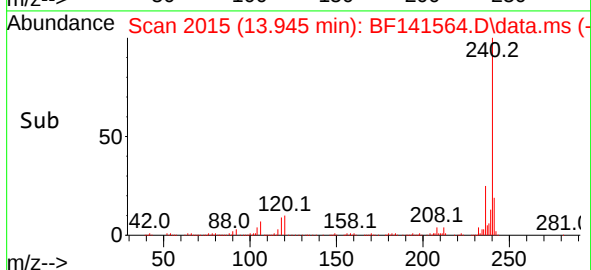
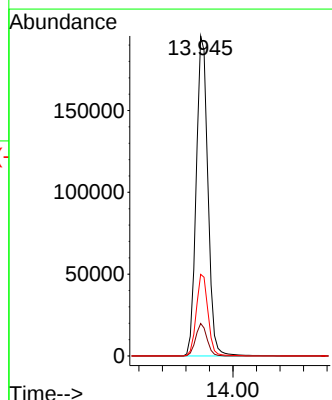
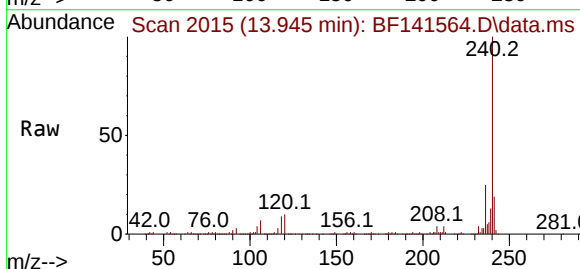
Tgt Ion:240 Resp: 269163

Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

236 25.5 19.8 29.8

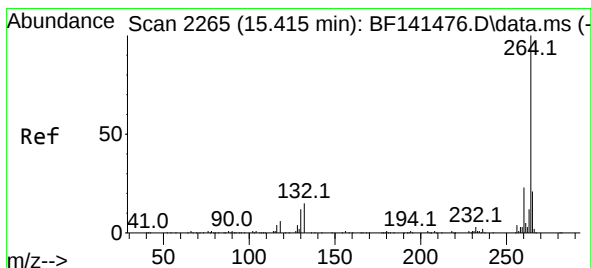
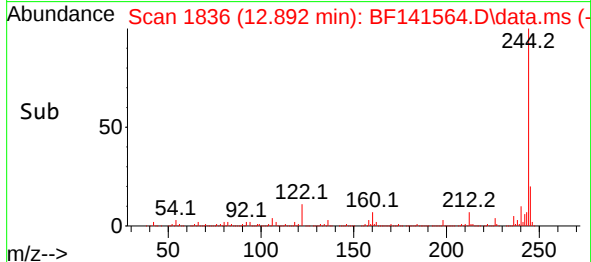
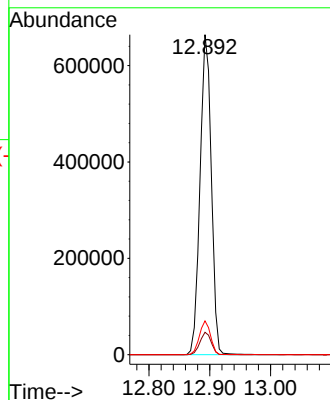
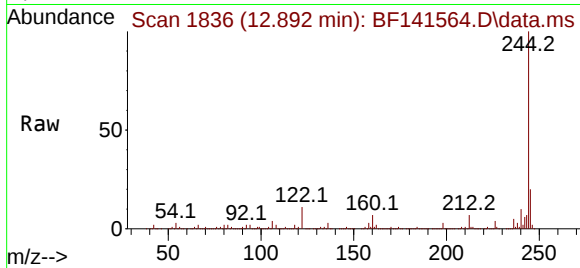




#79
 Terphenyl-d14
 Concen: 53.619 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141564.D
 Acq: 11 Feb 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-14

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# 2263
 Delta R.T. -0.012 min
 Lab File: BF141564.D
 Acq: 11 Feb 2025 16:15

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

