

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141653.D
 Acq On : 14 Feb 2025 21:19
 Operator : RC/JU
 Sample : Q1366-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-2132025

Quant Time: Feb 14 22:09:46 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	88657	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	363046	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	191361	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	281976	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	185961	20.000	ng	-0.02
86) Perylene-d12	15.398	264	156812	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	409771	72.461	ng	0.00
7) Phenol-d6	6.428	99	503187	70.400	ng	-0.01
23) Nitrobenzene-d5	7.345	82	327120	46.997	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	115944	60.315	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	554867	44.672	ng	-0.01
79) Terphenyl-d14	12.892	244	387597	35.186	ng	-0.01

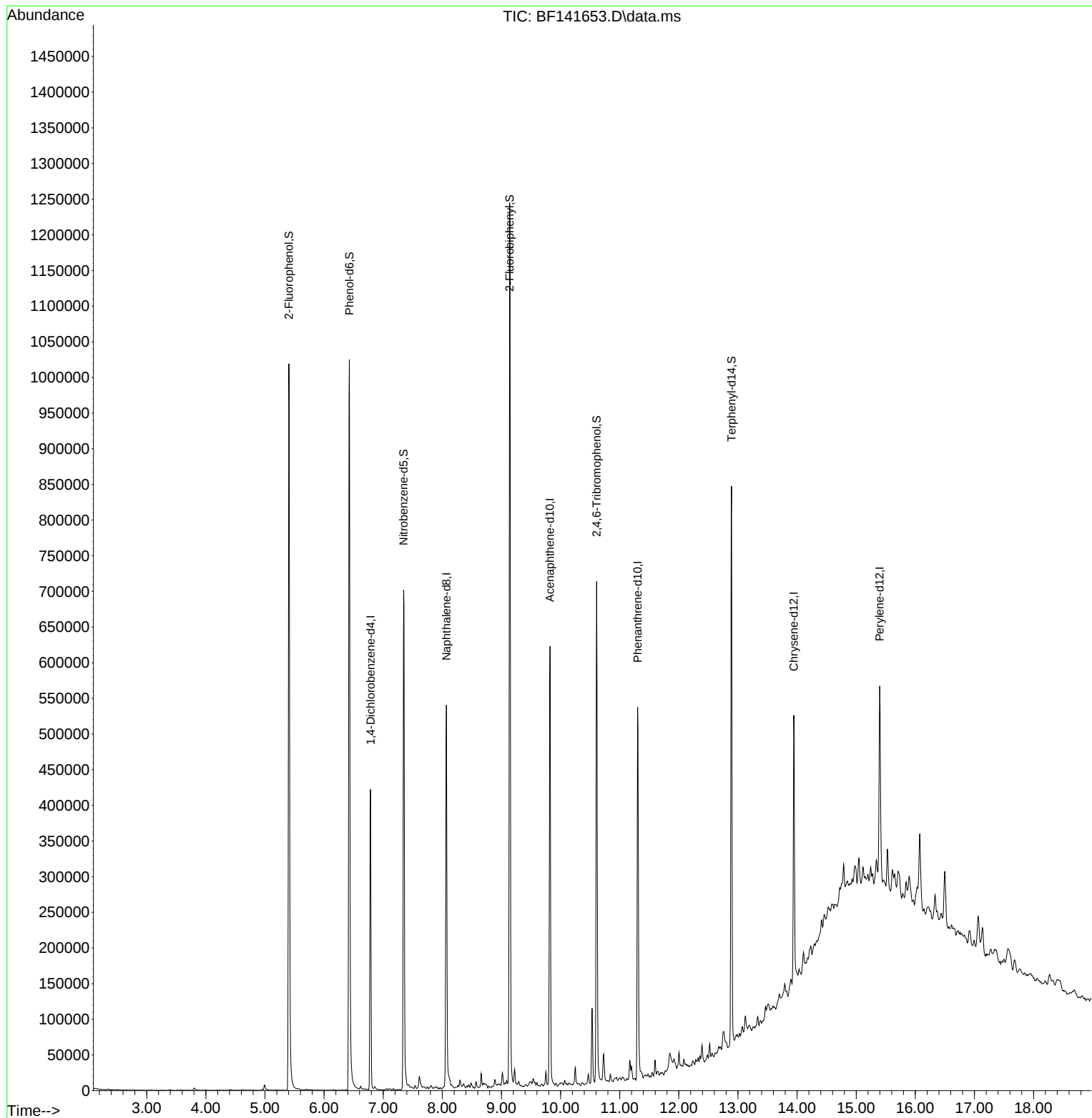
Target Compounds	Qvalue

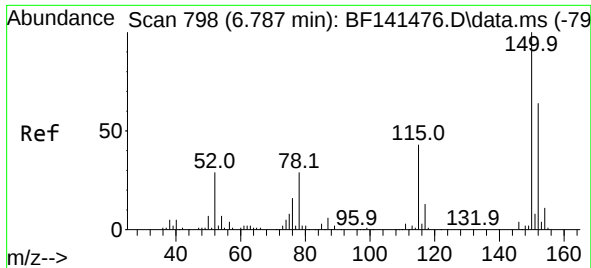
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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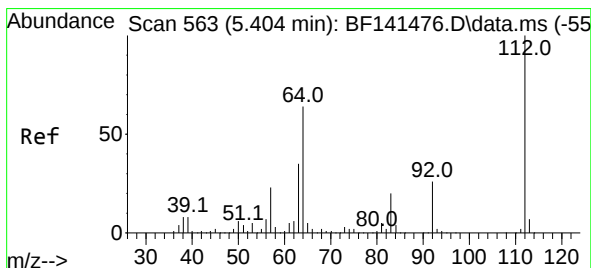
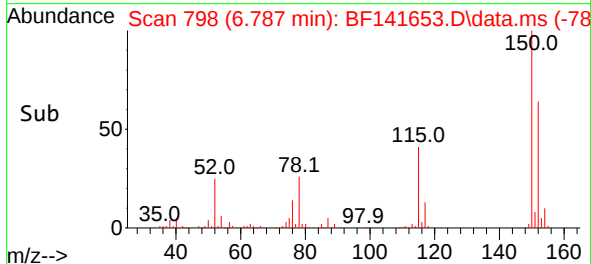
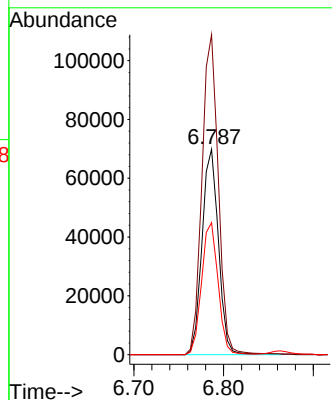
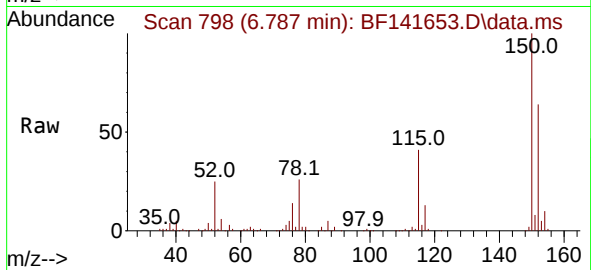




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

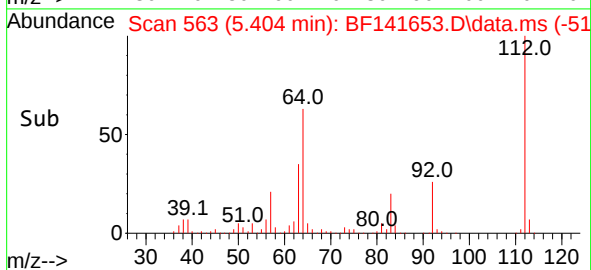
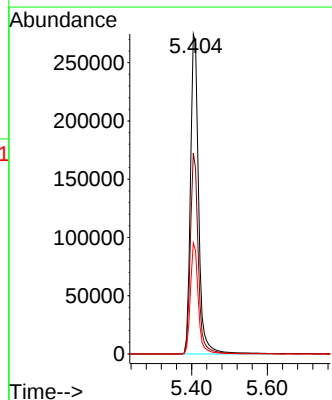
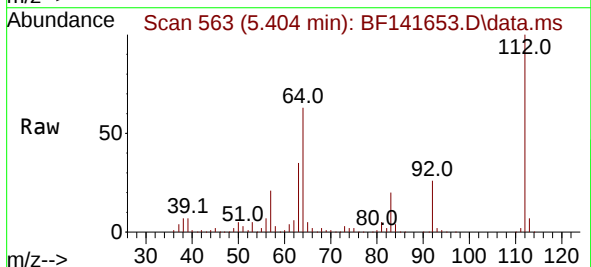
Instrument :
BNA_F
ClientSampleId :
HD-01-2132025

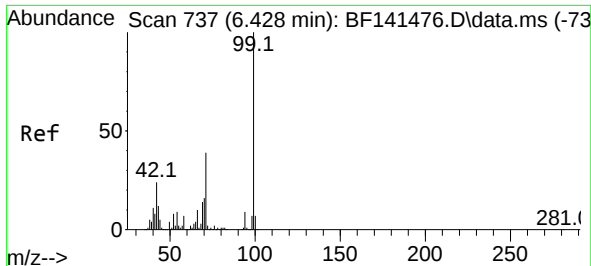
Tgt Ion:152 Resp: 88657
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.4
115 64.3 53.6 80.4



#5
2-Fluorophenol
Concen: 72.461 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

Tgt Ion:112 Resp: 409771
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 34.6 28.4 42.6

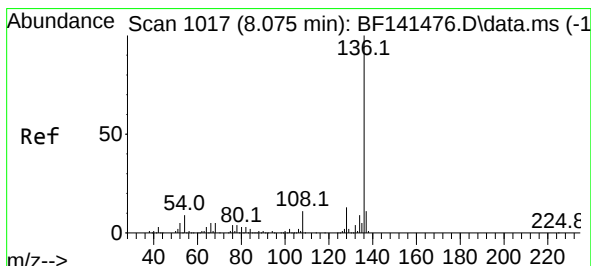
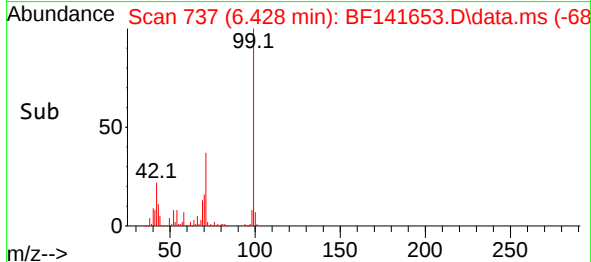
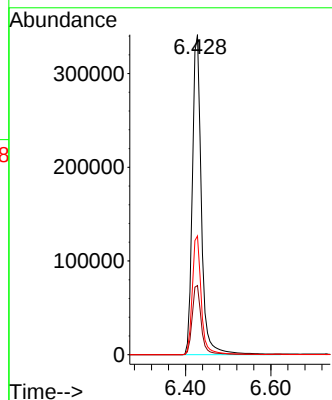
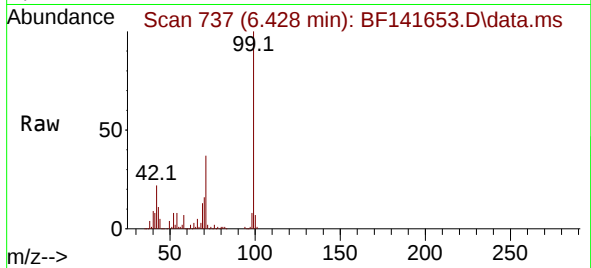




#7
Phenol-d6
Concen: 70.400 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

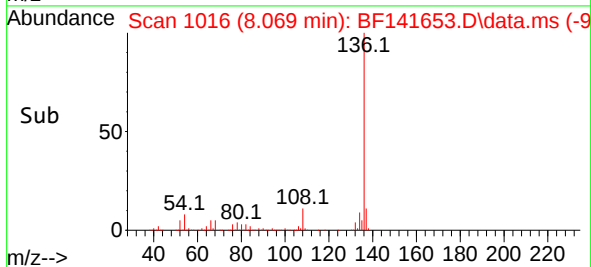
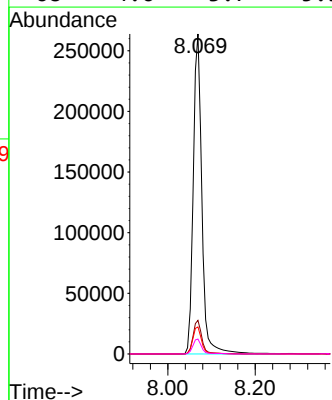
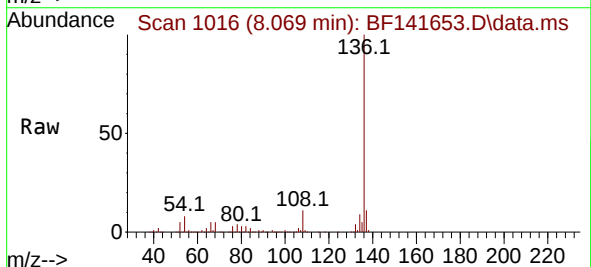
Instrument :
BNA_F
ClientSampleId :
HD-01-2132025

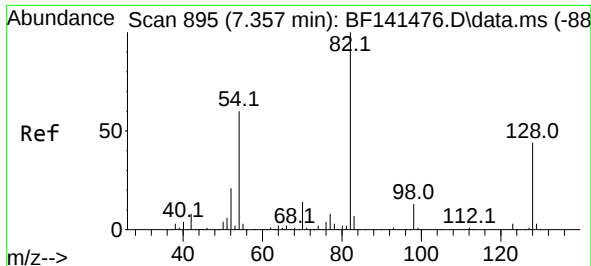
Tgt Ion: 99 Resp: 503187
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 37.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

Tgt Ion: 136 Resp: 363046
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 46.997 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141653.D

Acq: 14 Feb 2025 21:19

Instrument :

BNA_F

ClientSampleId :

HD-01-2132025

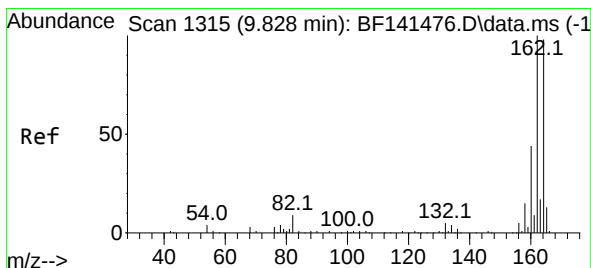
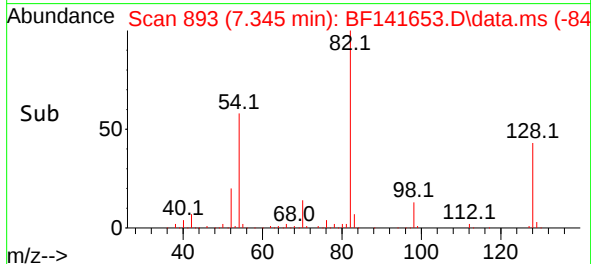
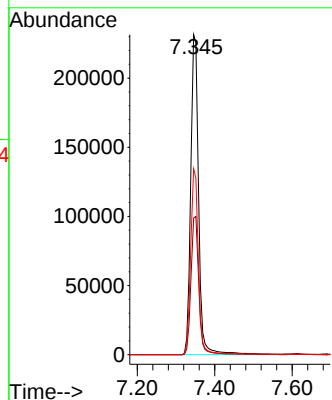
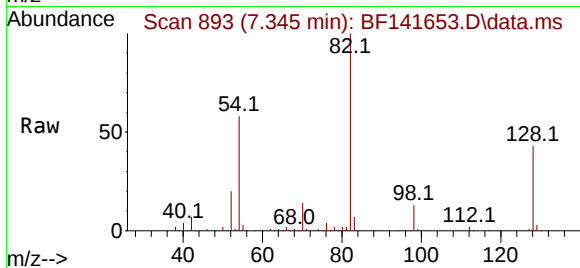
Tgt Ion: 82 Resp: 327120

Ion Ratio Lower Upper

82 100

128 42.7 34.8 52.2

54 58.1 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: BF141653.D

Acq: 14 Feb 2025 21:19

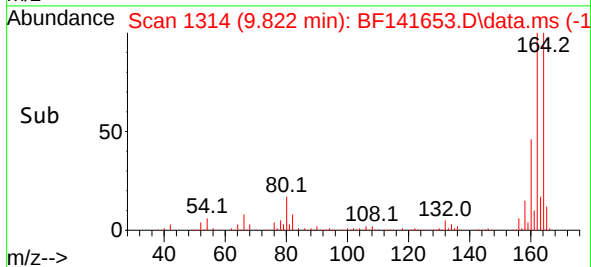
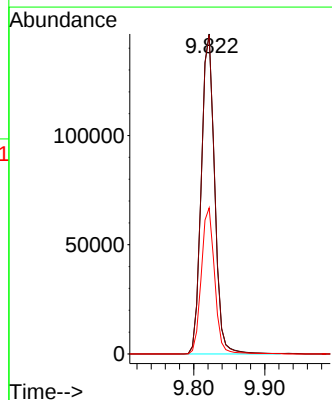
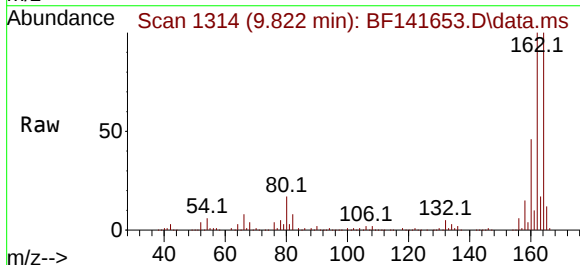
Tgt Ion:164 Resp: 191361

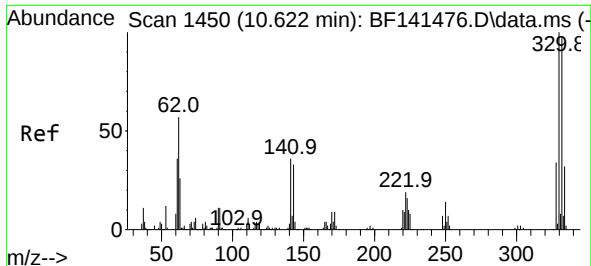
Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

160 45.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 60.315 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141653.D

Acq: 14 Feb 2025 21:19

Instrument :

BNA_F

ClientSampleId :

HD-01-2132025

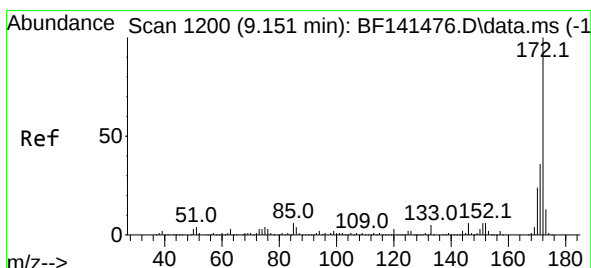
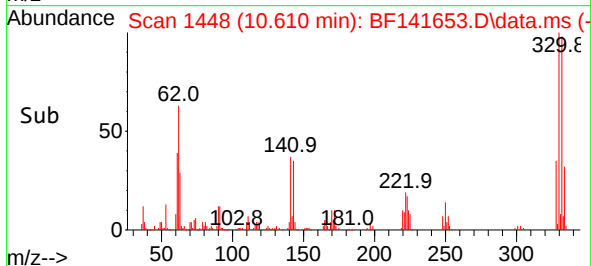
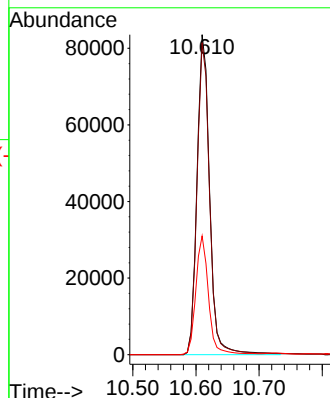
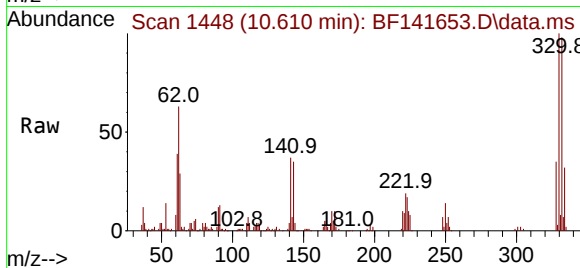
Tgt Ion:330 Resp: 115944

Ion Ratio Lower Upper

330 100

332 96.6 78.5 117.7

141 37.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 44.672 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141653.D

Acq: 14 Feb 2025 21:19

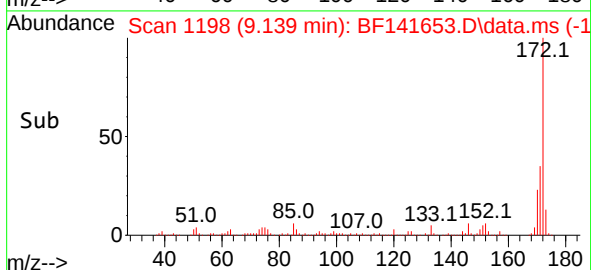
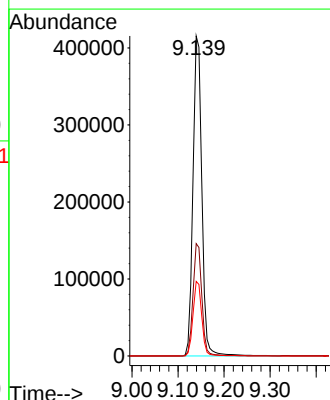
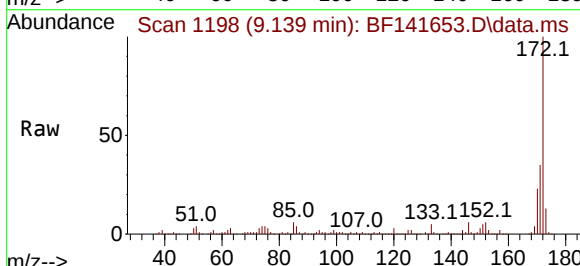
Tgt Ion:172 Resp: 554867

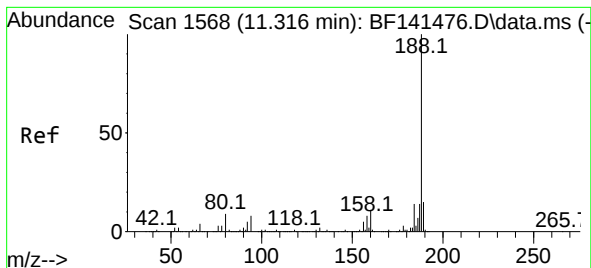
Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141653.D

Acq: 14 Feb 2025 21:19

Instrument :

BNA_F

ClientSampleId :

HD-01-2132025

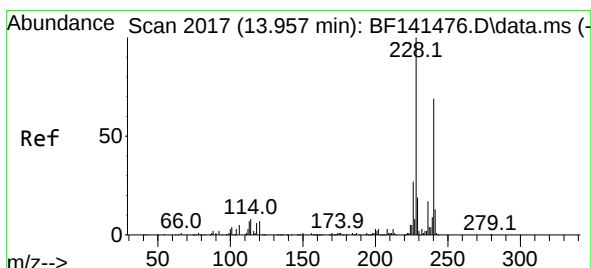
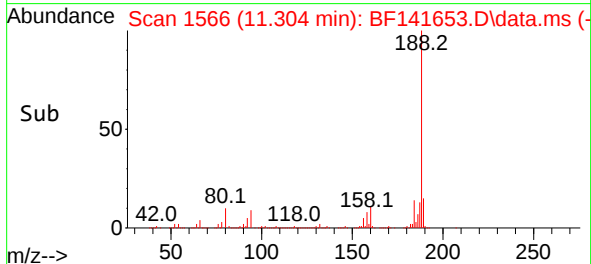
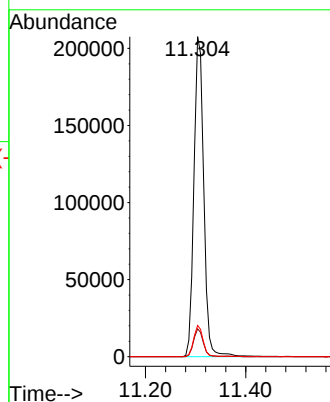
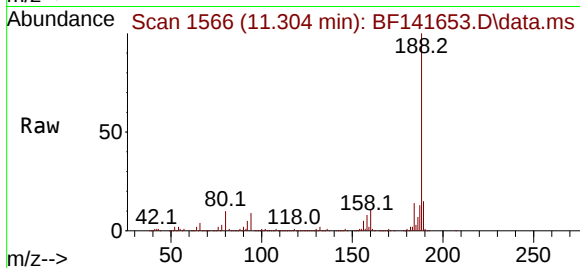
Tgt Ion:188 Resp: 281976

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.7 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: BF141653.D

Acq: 14 Feb 2025 21:19

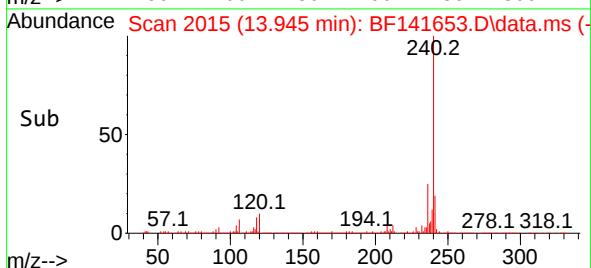
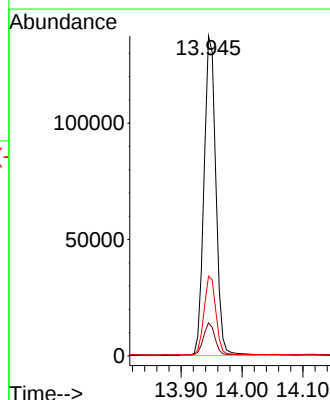
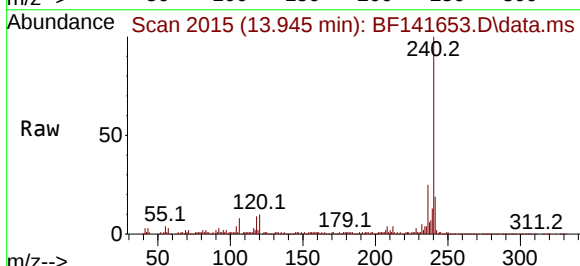
Tgt Ion:240 Resp: 185961

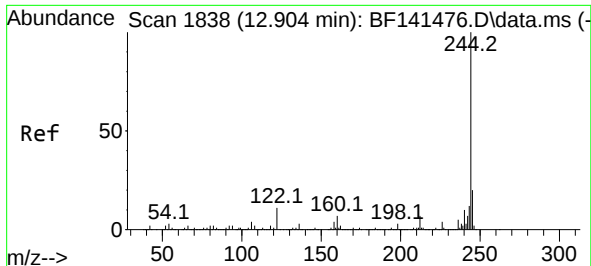
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 25.0 19.8 29.8

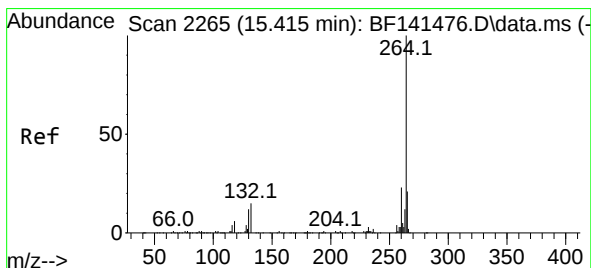
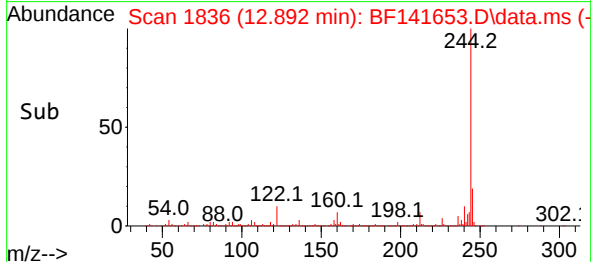
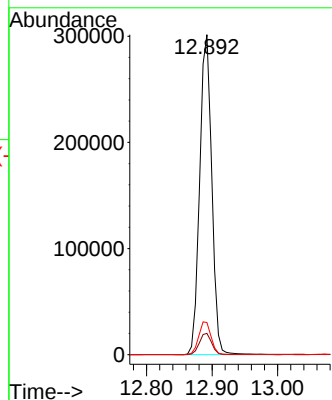
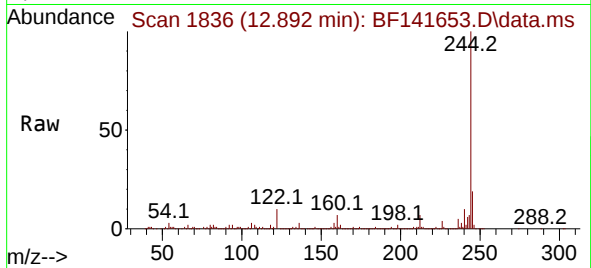




#79
 Terphenyl-d14
 Concen: 35.186 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141653.D
 Acq: 14 Feb 2025 21:19

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-2132025

Tgt Ion:244 Resp: 387597
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2262
 Delta R.T. -0.018 min
 Lab File: BF141653.D
 Acq: 14 Feb 2025 21:19

Tgt Ion:264 Resp: 156812
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.7 17.0 25.4

