

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141672.D
 Acq On : 19 Feb 2025 13:43
 Operator : RC/JU
 Sample : PB166772BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL

Quant Time: Feb 19 14:14:10 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	6.781	152	77259	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	306990	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	162888	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	261094	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	160948	20.000	ng	-0.02
86) Perylene-d12	15.380	264	156504	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	634424	128.738	ng	0.00
7) Phenol-d6	6.422	99	764255	122.700	ng	-0.02
23) Nitrobenzene-d5	7.345	82	504956	85.793	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	194153	118.655	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	975444	92.260	ng	-0.01
79) Terphenyl-d14	12.886	244	905474	94.975	ng	-0.02

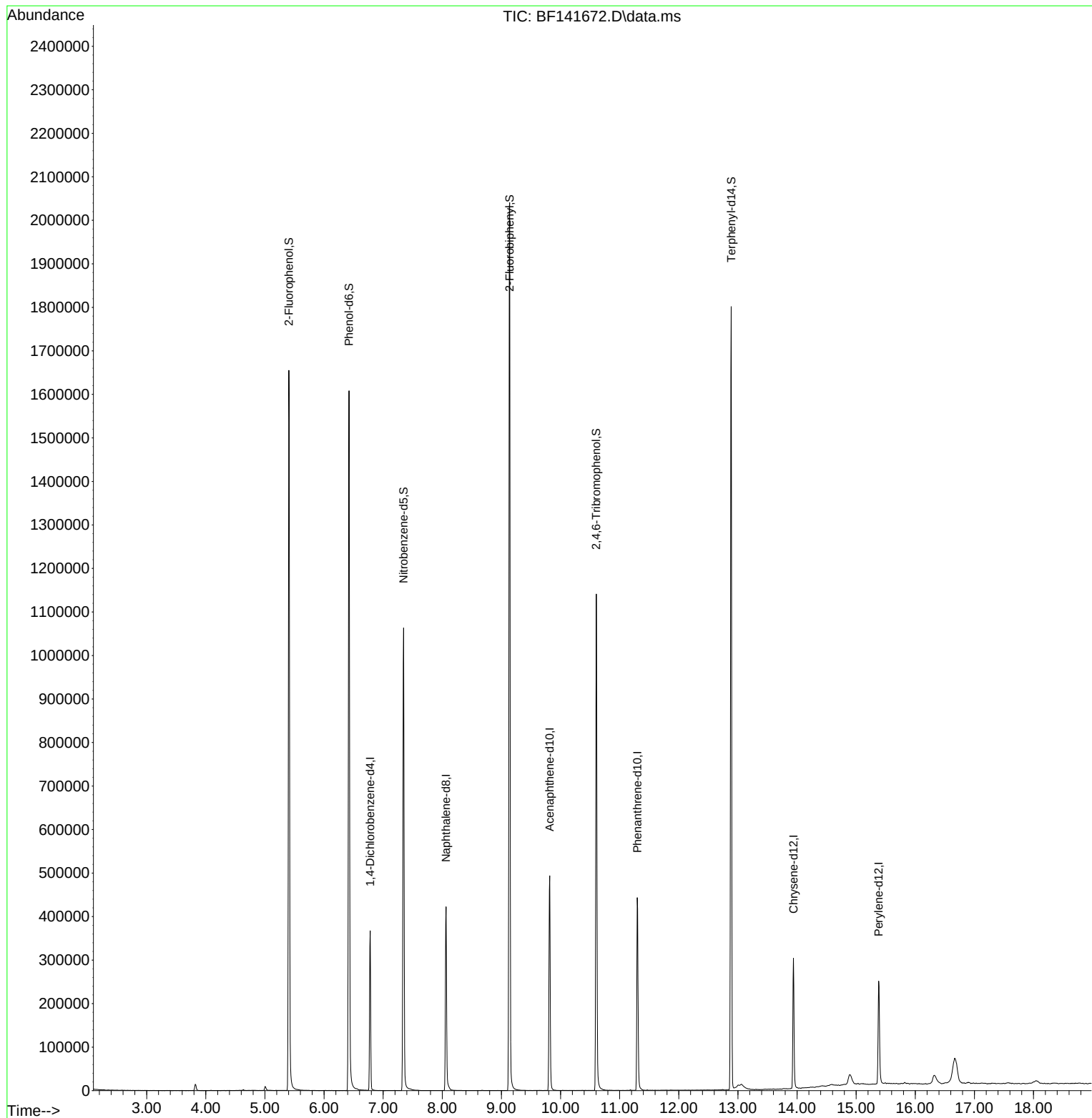
Target Compounds	Qvalue

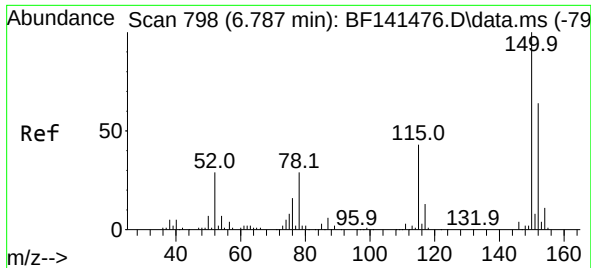
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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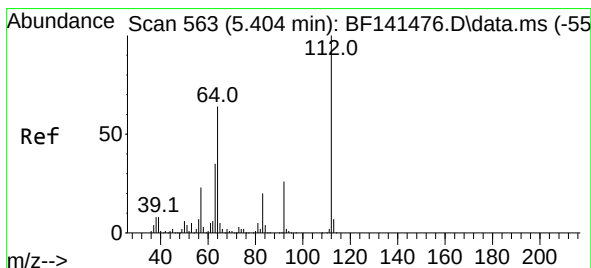
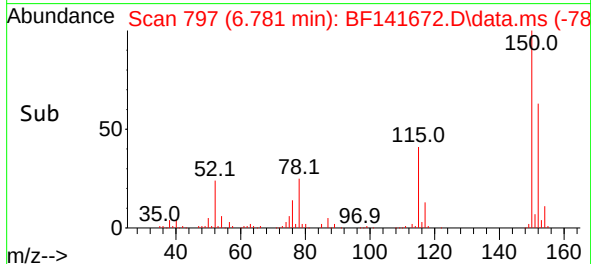
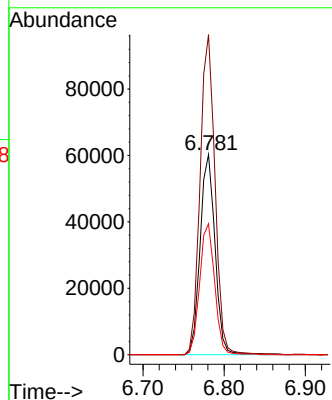
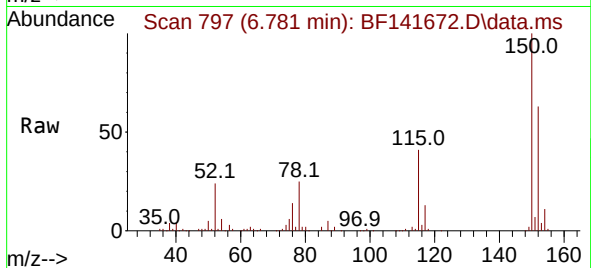




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141672.D
 Acq: 19 Feb 2025 13:43

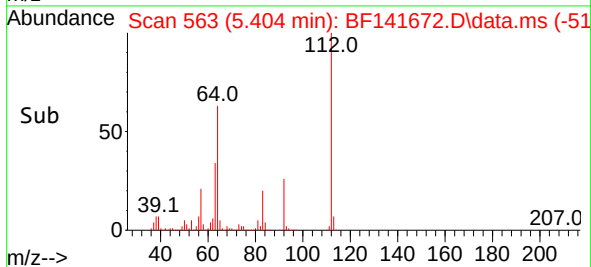
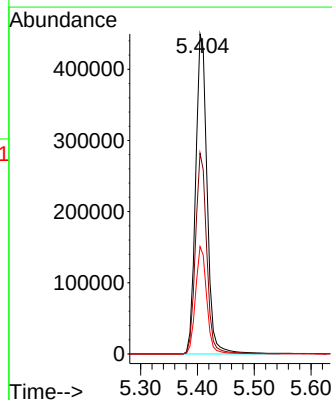
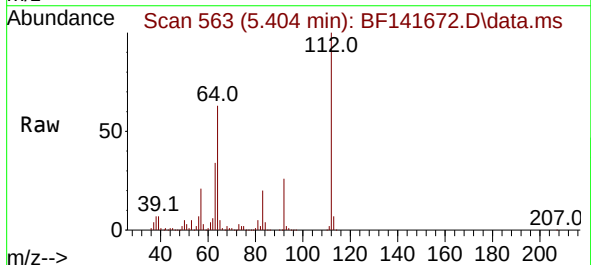
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL

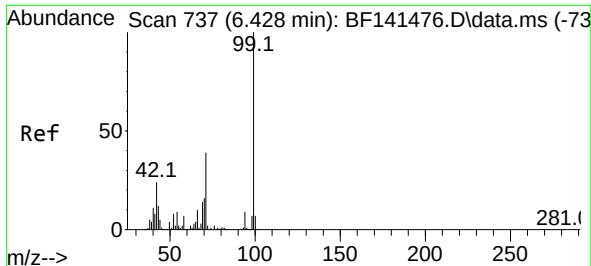
Tgt Ion:152 Resp: 77259
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.0 187.4
 115 65.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 128.738 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141672.D
 Acq: 19 Feb 2025 13:43

Tgt Ion:112 Resp: 634424
 Ion Ratio Lower Upper
 112 100
 64 62.8 51.1 76.7
 63 33.6 28.4 42.6

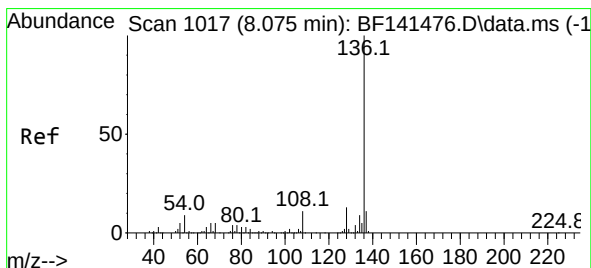
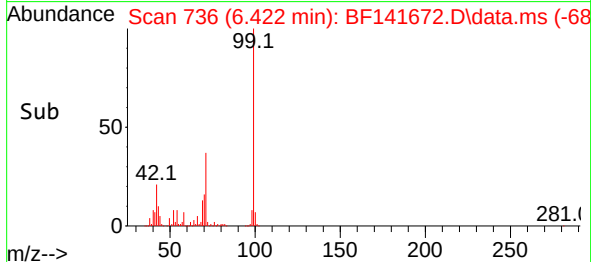
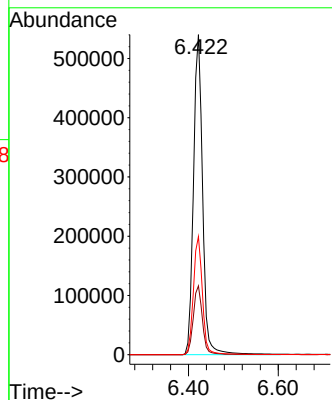
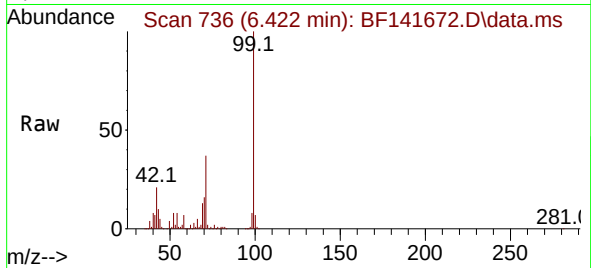




#7
Phenol-d6
Concen: 122.700 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

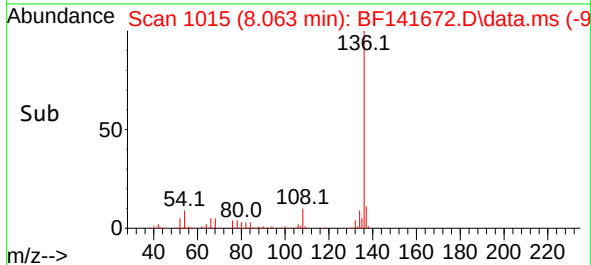
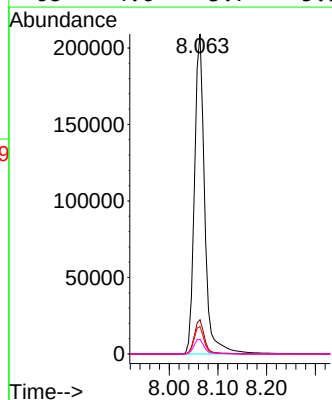
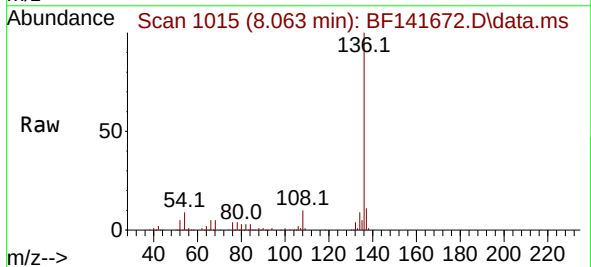
Instrument :
BNA_F
ClientSampleId :
PB166772BL

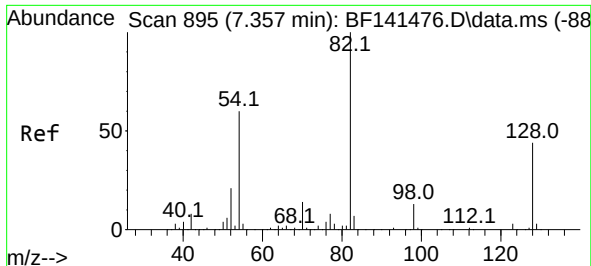
Tgt Ion: 99 Resp: 764255
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

Tgt Ion: 136 Resp: 306990
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 85.793 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141672.D

Acq: 19 Feb 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB166772BL

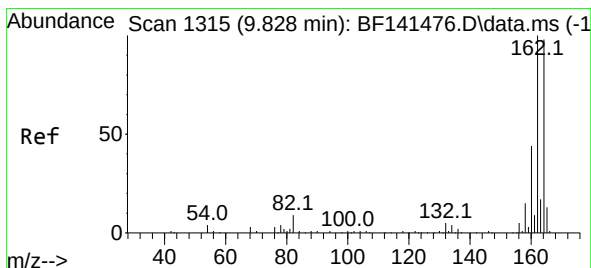
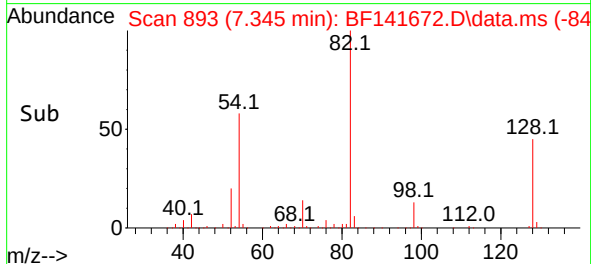
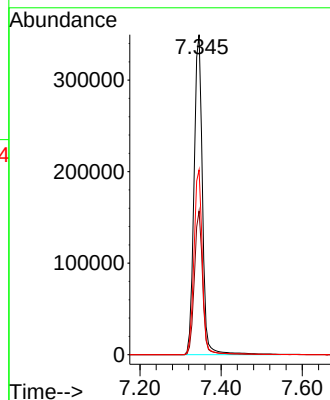
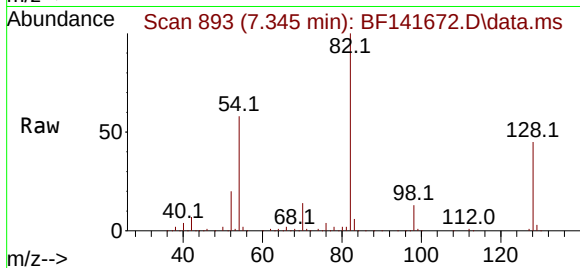
Tgt Ion: 82 Resp: 504956

Ion Ratio Lower Upper

82 100

128 44.9 34.8 52.2

54 57.8 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF141672.D

Acq: 19 Feb 2025 13:43

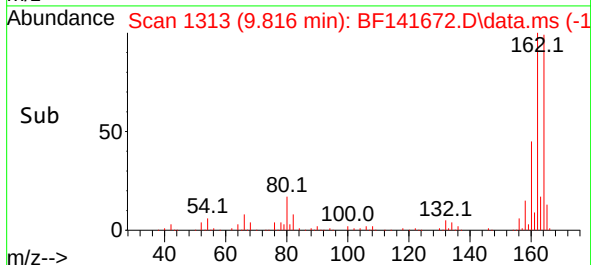
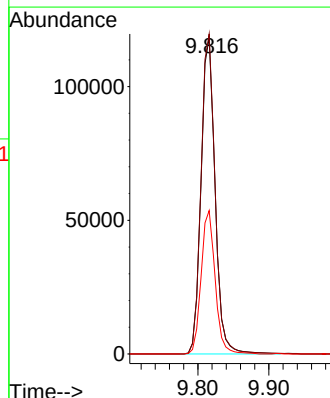
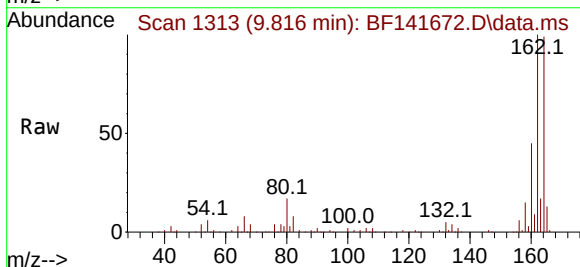
Tgt Ion:164 Resp: 162888

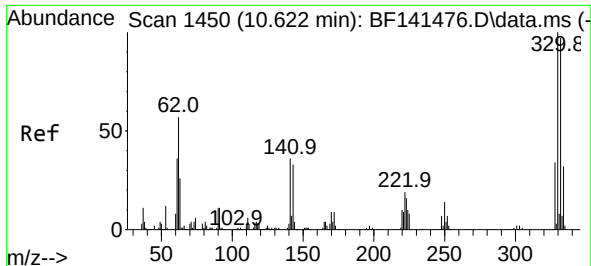
Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 118.655 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141672.D

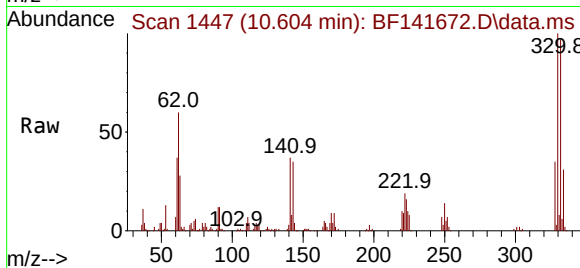
Acq: 19 Feb 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB166772BL



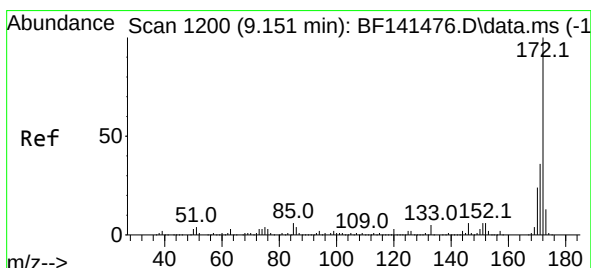
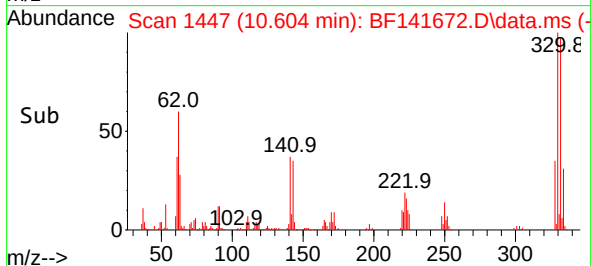
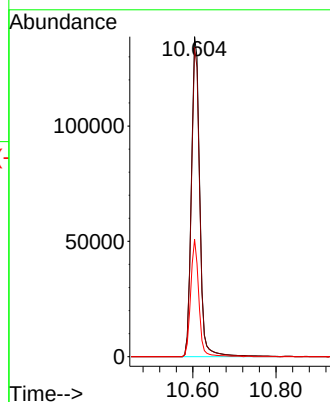
Tgt Ion:330 Resp: 194153

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 35.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 92.260 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141672.D

Acq: 19 Feb 2025 13:43

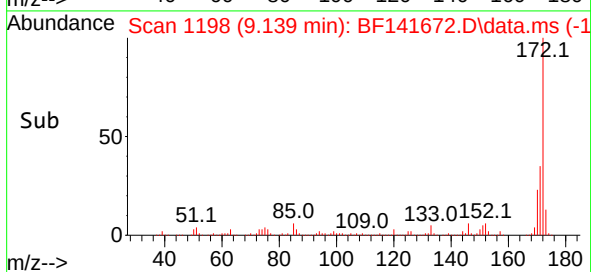
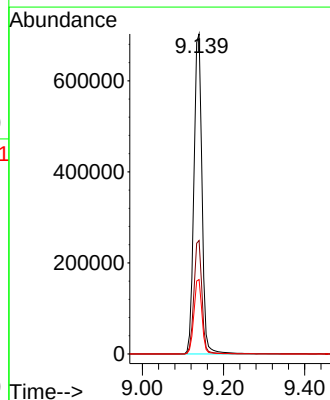
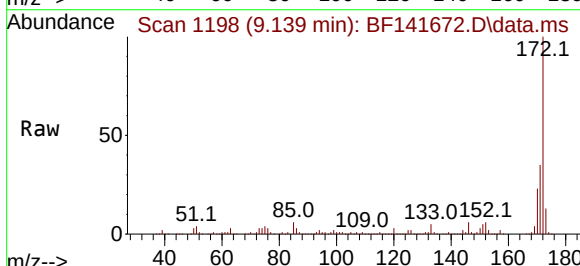
Tgt Ion:172 Resp: 975444

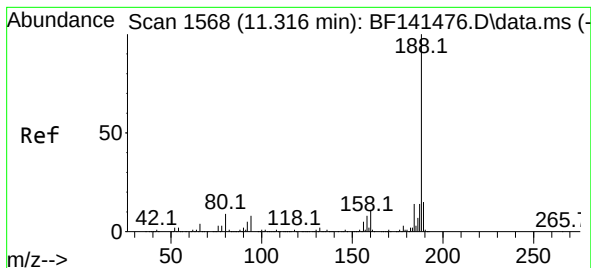
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141672.D

Acq: 19 Feb 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB166772BL

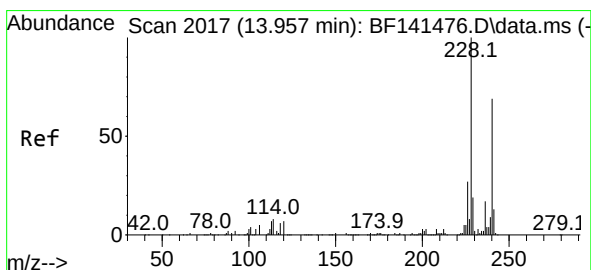
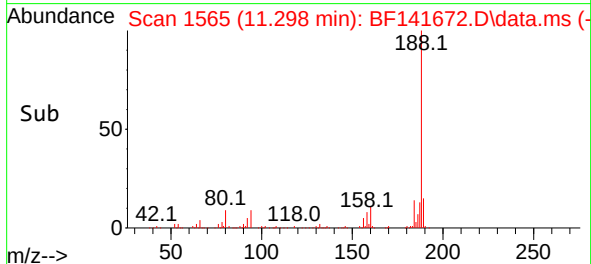
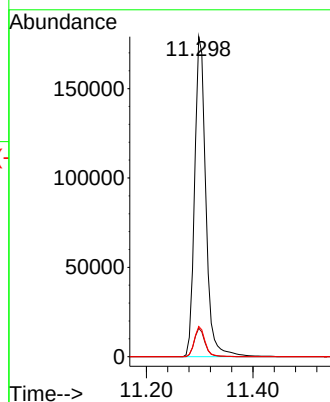
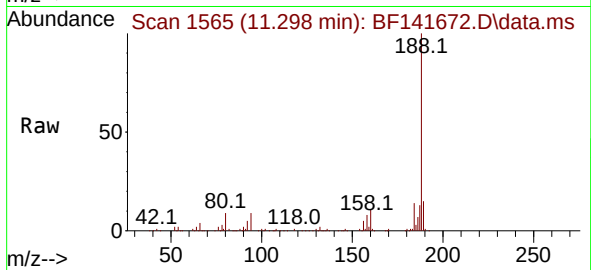
Tgt Ion:188 Resp: 261094

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141672.D

Acq: 19 Feb 2025 13:43

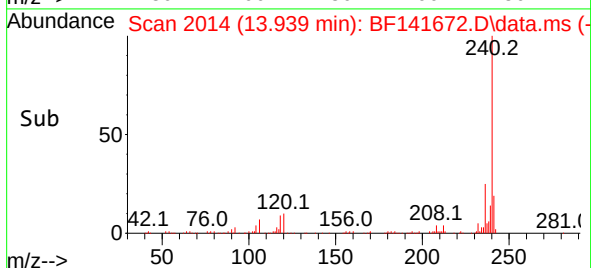
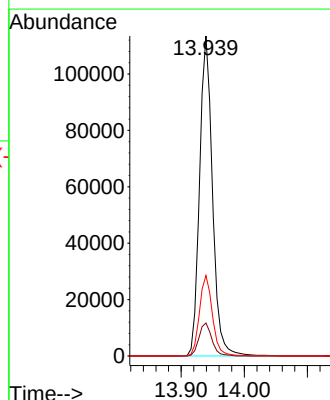
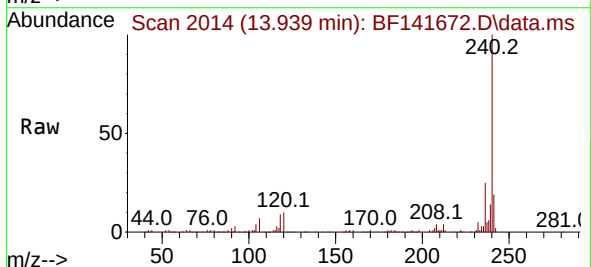
Tgt Ion:240 Resp: 160948

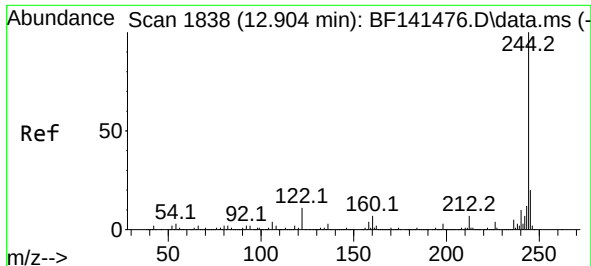
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

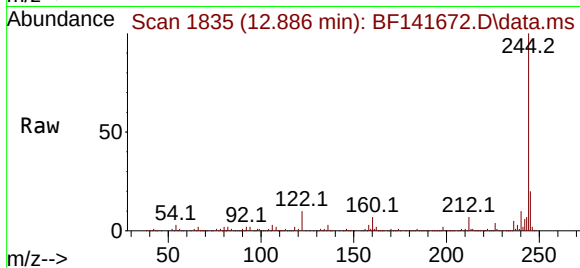
236 25.1 19.8 29.8



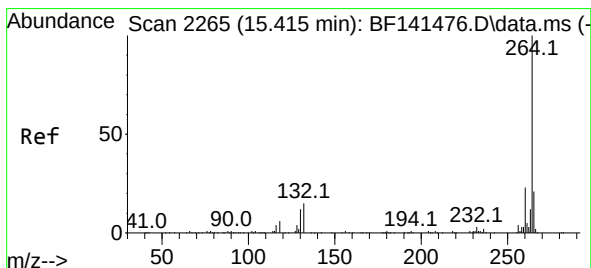
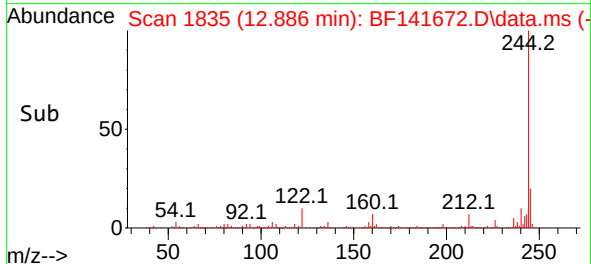
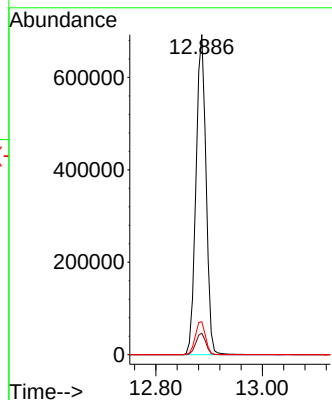


#79
 Terphenyl-d14
 Concen: 94.975 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.017 min
 Lab File: BF141672.D
 Acq: 19 Feb 2025 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL



Tgt Ion:244 Resp: 905474
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141672.D
 Acq: 19 Feb 2025 13:43

Tgt Ion:264 Resp: 156504
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.8 17.0 25.4

