

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141760.D
 Acq On : 25 Feb 2025 13:02
 Operator : RC/JU
 Sample : PB166824TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166824TB

Quant Time: Feb 25 13:26:16 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	83192	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	337595	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	183626	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	308241	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	184115	20.000	ng	-0.02
86) Perylene-d12	15.386	264	164298	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	780174	147.023	ng	0.00
7) Phenol-d6	6.428	99	942678	140.552	ng	-0.01
23) Nitrobenzene-d5	7.345	82	630232	97.370	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	246569	133.670	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1206046	101.189	ng	-0.01
79) Terphenyl-d14	12.886	244	1254306	115.009	ng	-0.02

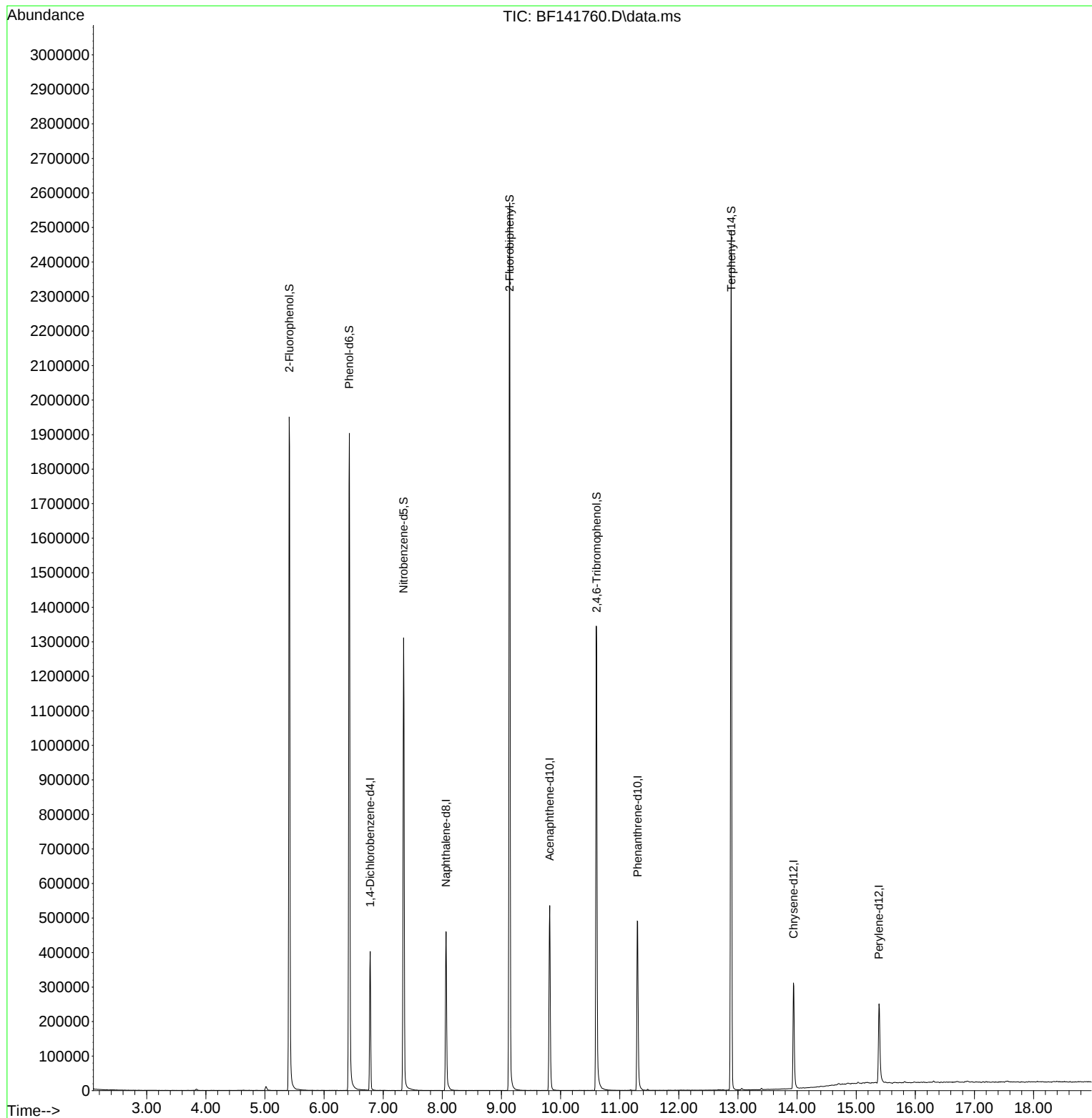
Target Compounds	Qvalue

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

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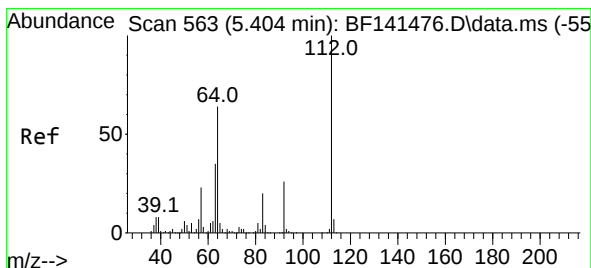
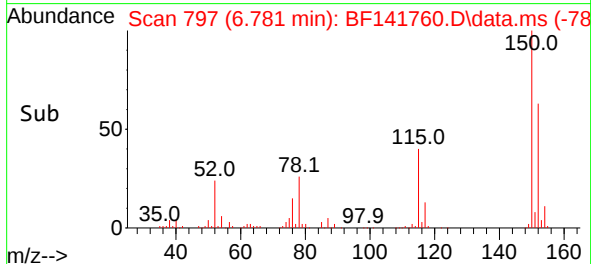
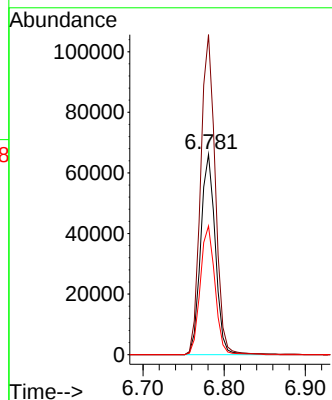
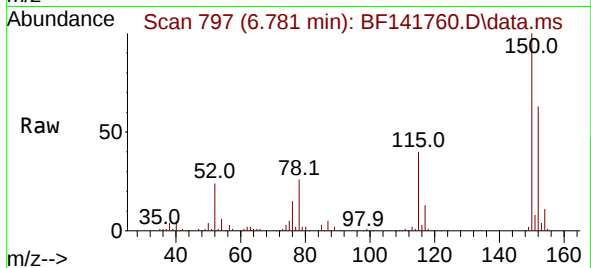




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

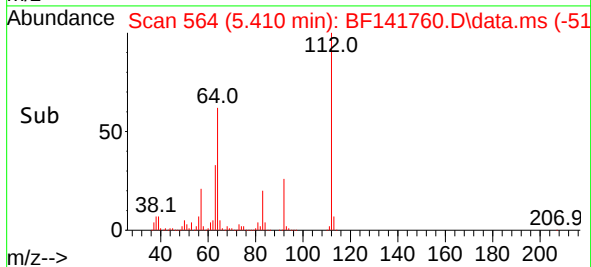
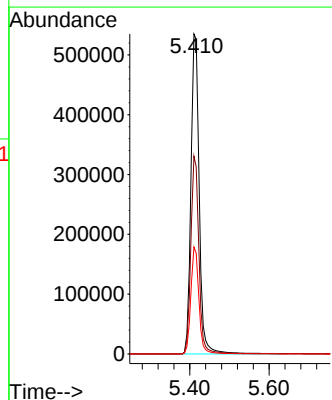
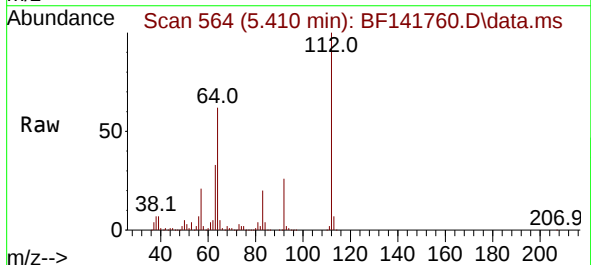
Instrument :
BNA_F
ClientSampleId :
PB166824TB

Tgt Ion:152 Resp: 83192
Ion Ratio Lower Upper
152 100
150 159.7 125.0 187.4
115 64.2 53.6 80.4



#5
2-Fluorophenol
Concen: 147.023 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

Tgt Ion:112 Resp: 780174
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 33.4 28.4 42.6

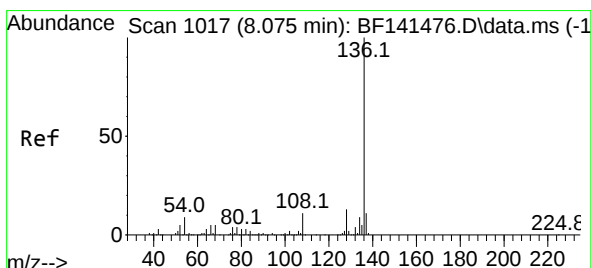
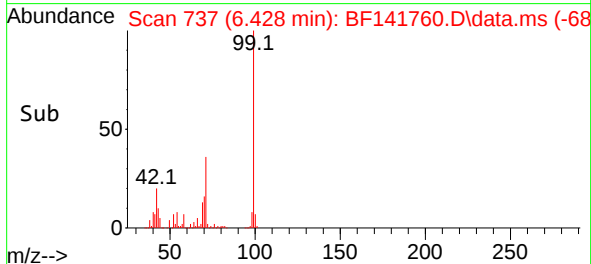
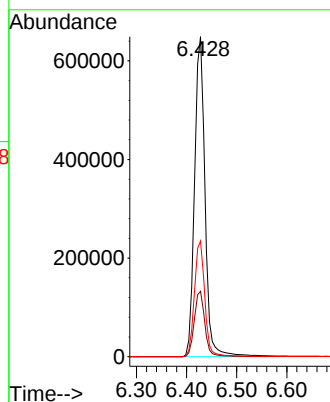
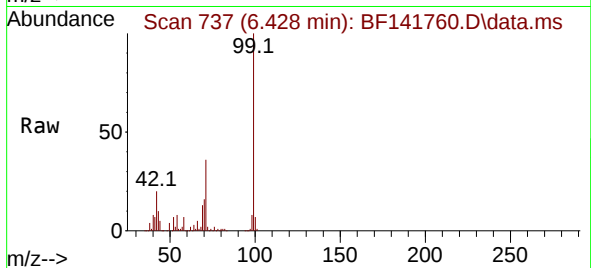




#7
Phenol-d6
Concen: 140.552 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141760.D
Acq: 25 Feb 2025 13:02

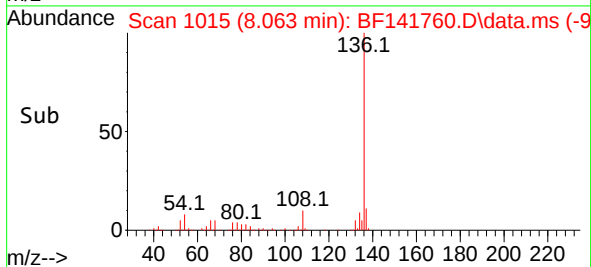
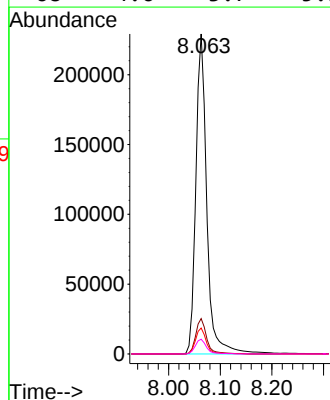
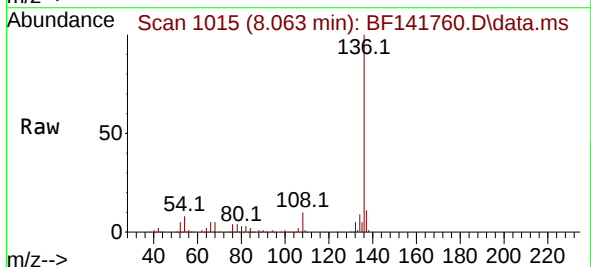
Instrument :
BNA_F
ClientSampleId :
PB166824TB

Tgt Ion: 99 Resp: 942678
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 36.2 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: BF141760.D
Acq: 25 Feb 2025 13:02

Tgt Ion: 136 Resp: 337595
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 97.370 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141760.D

Acq: 25 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166824TB

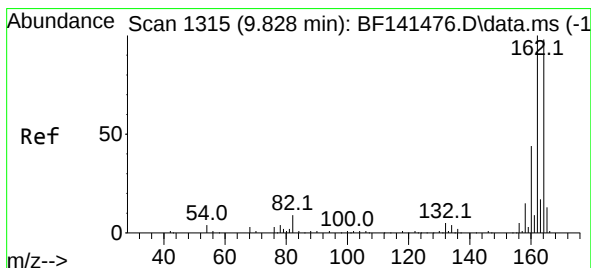
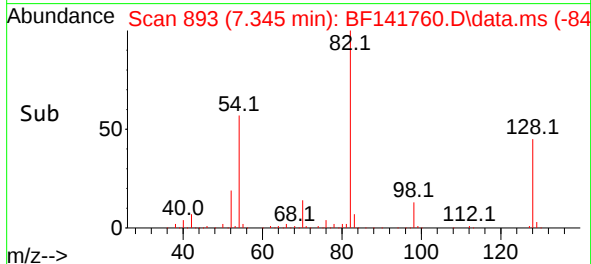
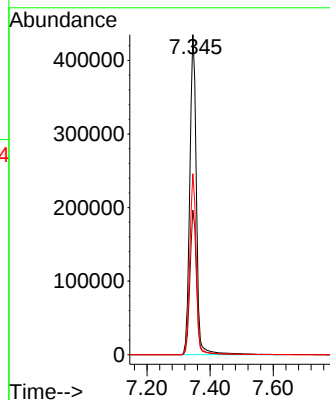
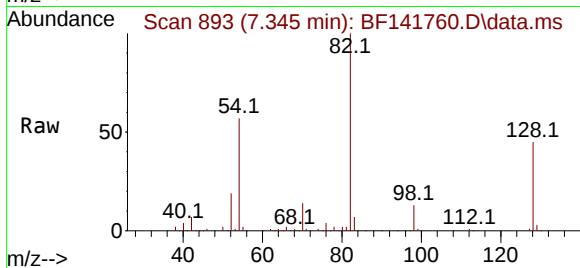
Tgt Ion: 82 Resp: 630232

Ion Ratio Lower Upper

82 100

128 45.2 34.8 52.2

54 56.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF141760.D

Acq: 25 Feb 2025 13:02

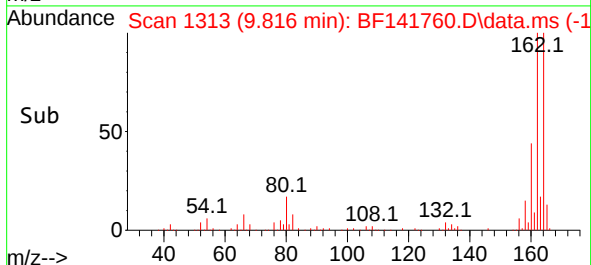
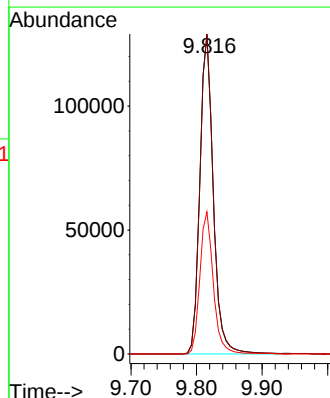
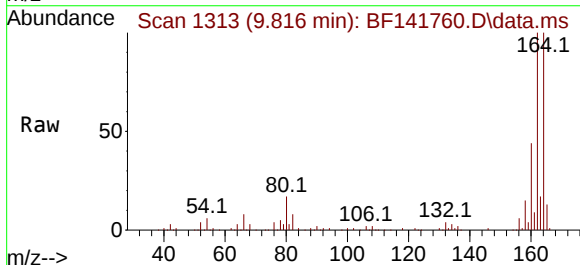
Tgt Ion:164 Resp: 183626

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 133.670 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141760.D

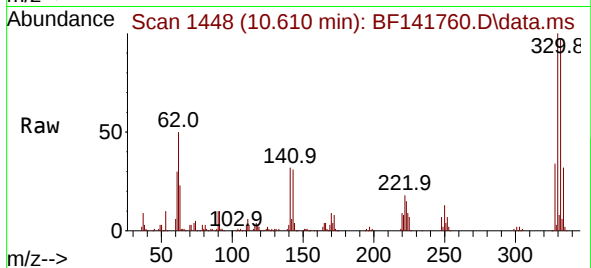
Acq: 25 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166824TB



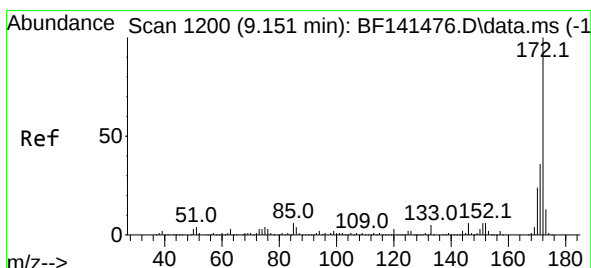
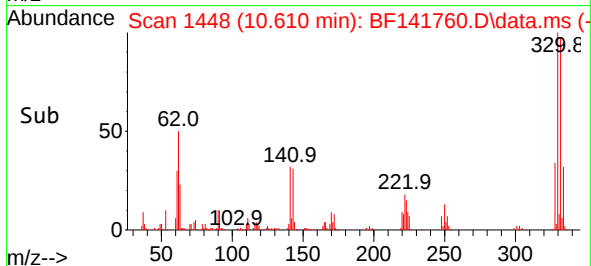
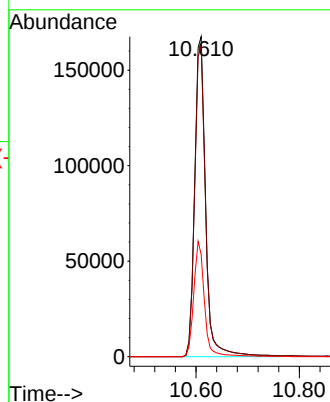
Tgt Ion:330 Resp: 246569

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 35.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 101.189 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141760.D

Acq: 25 Feb 2025 13:02

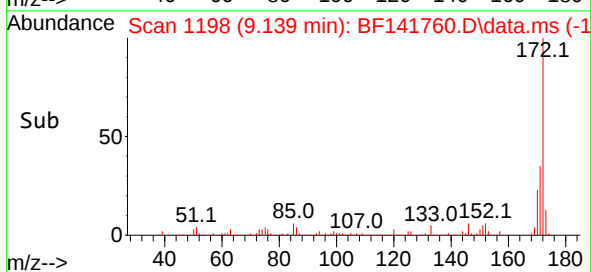
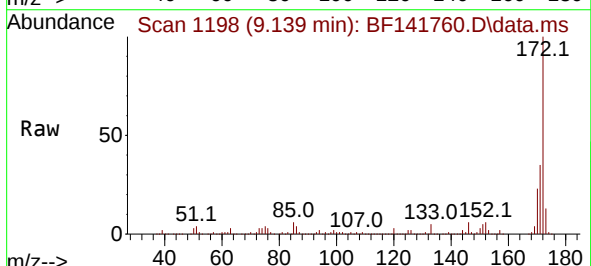
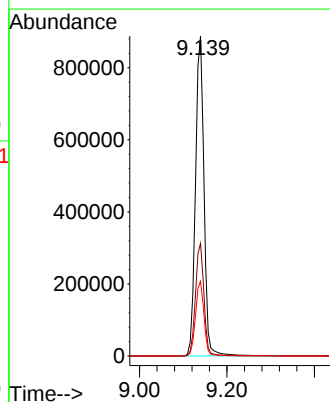
Tgt Ion:172 Resp: 1206046

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.3 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: BF141760.D

Acq: 25 Feb 2025 13:02

Instrument :

BNA_F

ClientSampleId :

PB166824TB

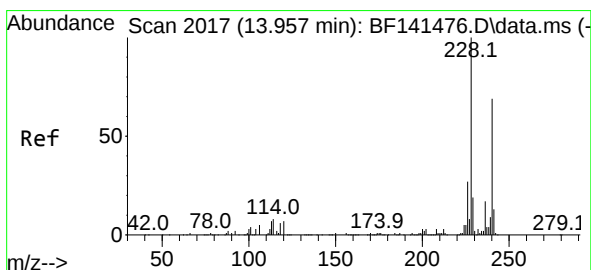
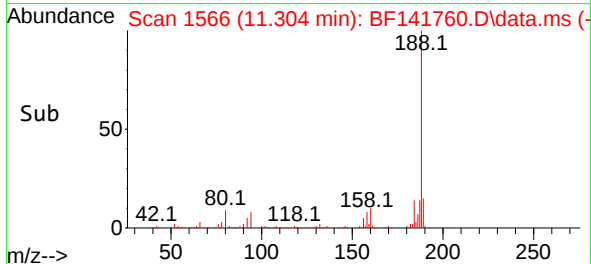
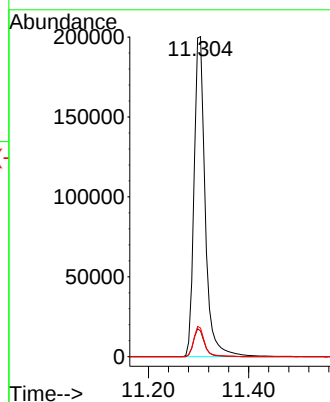
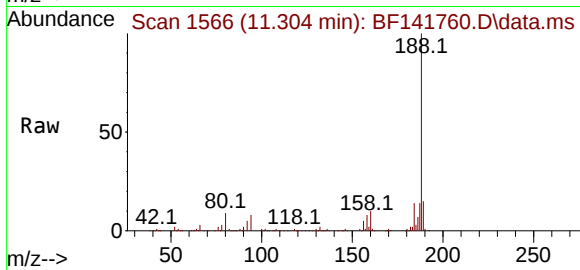
Tgt Ion:188 Resp: 308241

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 9.0 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: BF141760.D

Acq: 25 Feb 2025 13:02

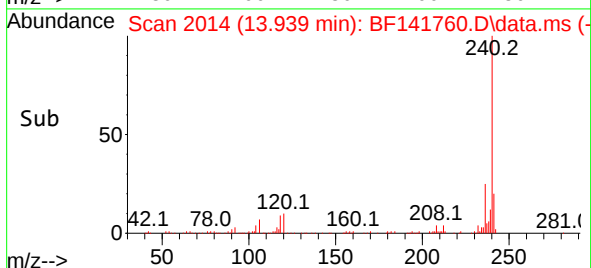
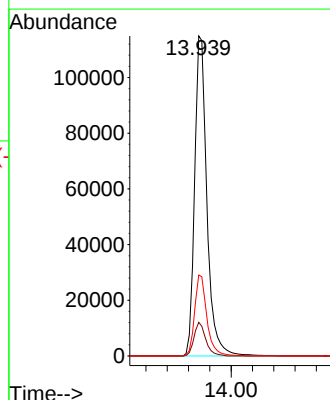
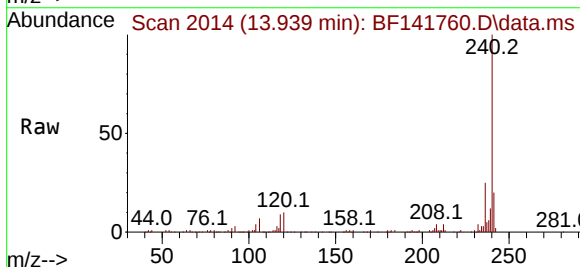
Tgt Ion:240 Resp: 184115

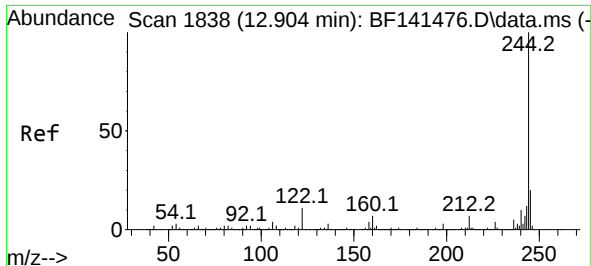
Ion Ratio Lower Upper

240 100

120 10.5 8.0 12.0

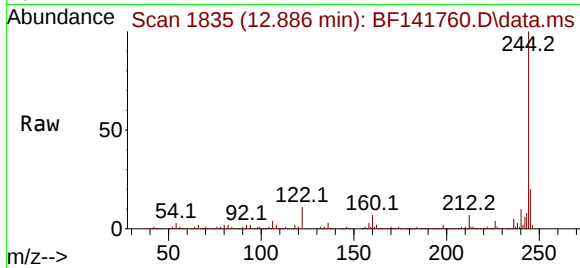
236 25.3 19.8 29.8



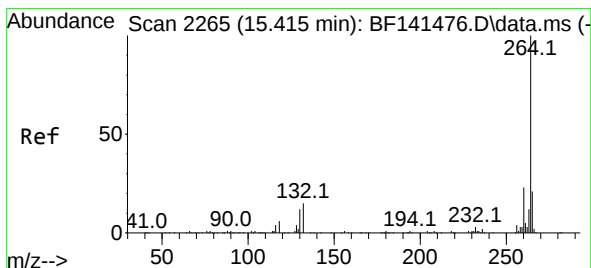
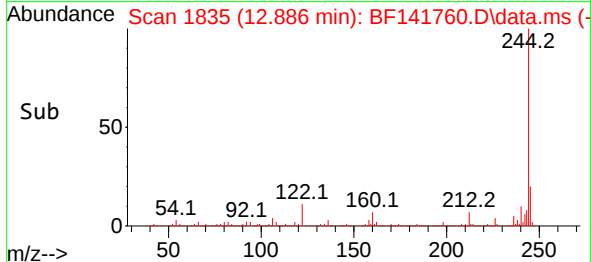
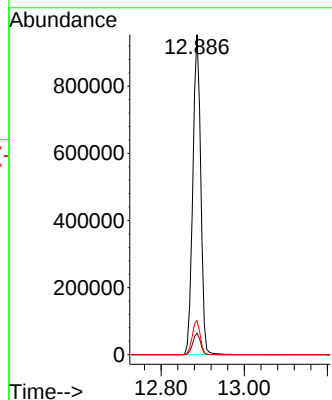


#79
 Terphenyl-d14
 Concen: 115.009 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141760.D
 Acq: 25 Feb 2025 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB166824TB



Tgt Ion:244 Resp: 1254306
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141760.D
 Acq: 25 Feb 2025 13:02

Tgt Ion:264 Resp: 164298
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.9 17.0 25.4

