

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141776.D
 Acq On : 26 Feb 2025 11:49
 Operator : RC/JU
 Sample : PB166853BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166853BL

Quant Time: Feb 26 12:11:51 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	81286	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	323646	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	177621	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	318142	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	217249	20.000	ng	-0.02
86) Perylene-d12	15.386	264	172479	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	728584	140.520	ng	0.00
7) Phenol-d6	6.428	99	871422	132.975	ng	-0.01
23) Nitrobenzene-d5	7.345	82	562566	90.662	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	241346	135.262	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1118399	97.007	ng	-0.01
79) Terphenyl-d14	12.886	244	1339199	104.065	ng	-0.02

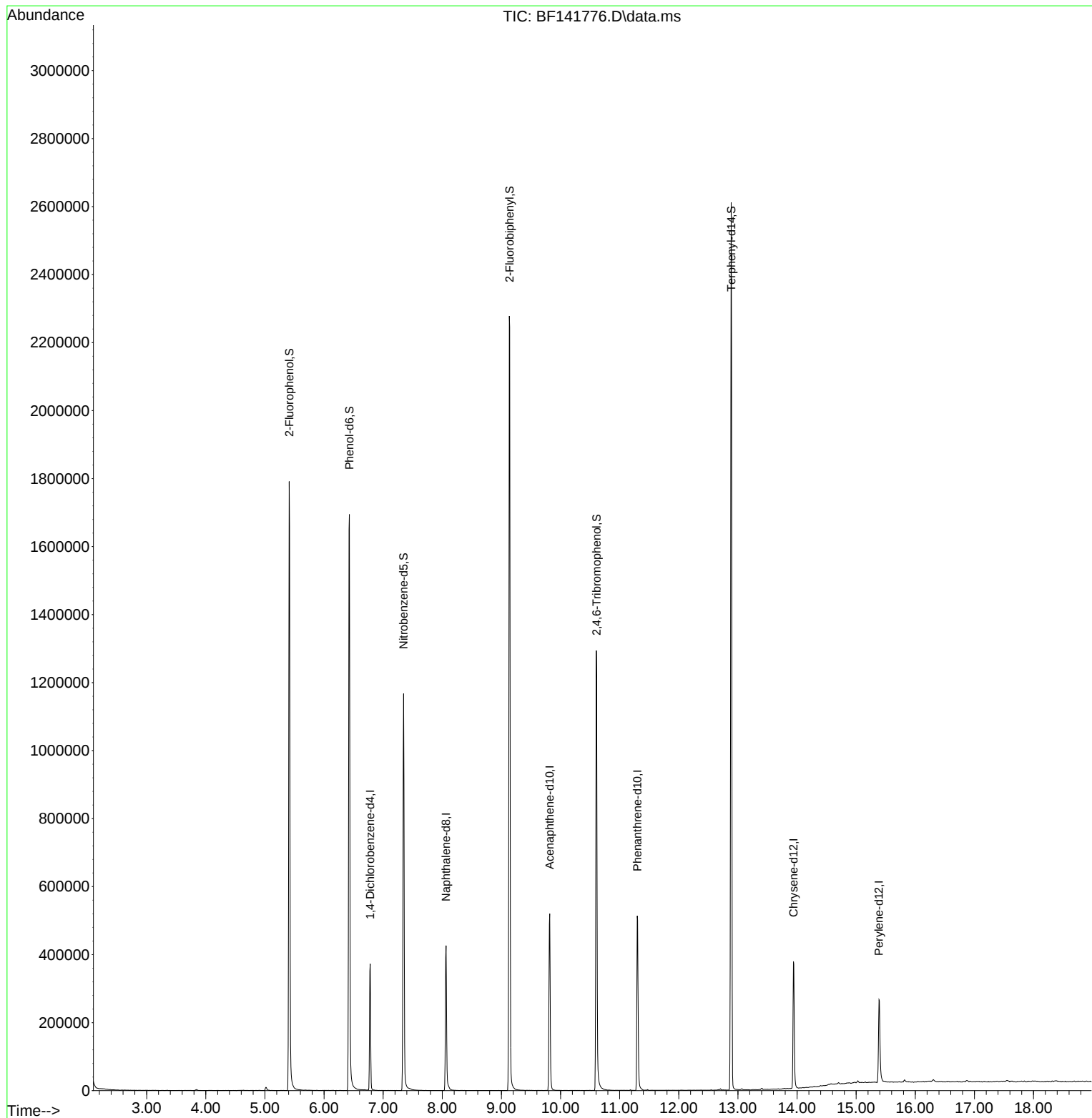
Target Compounds	Qvalue

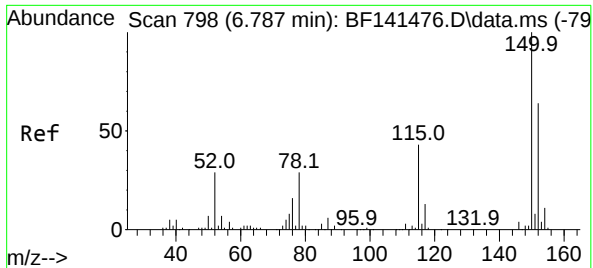
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141776.D
Acq On : 26 Feb 2025 11:49
Operator : RC/JU
Sample : PB166853BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166853BL

Quant Time: Feb 26 12:11:51 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

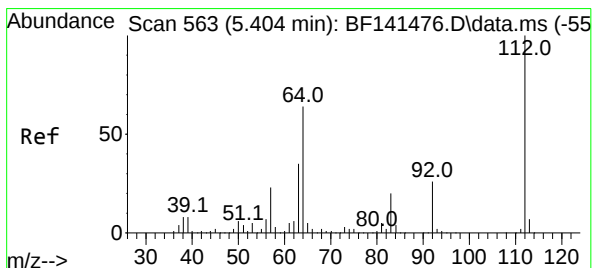
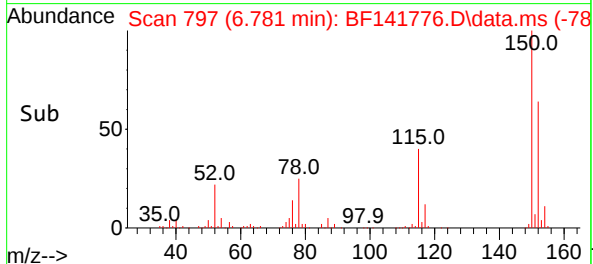
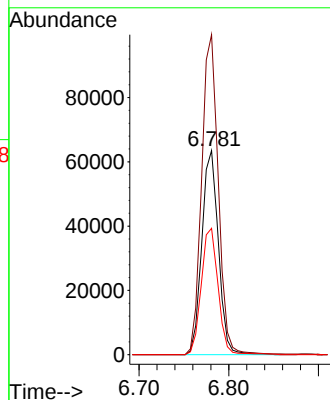
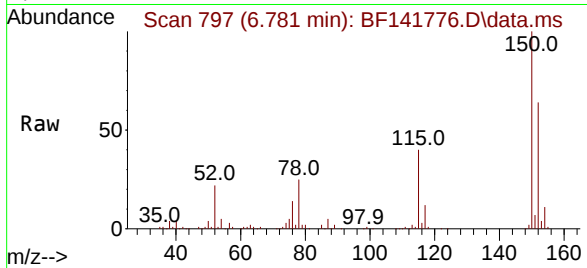




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

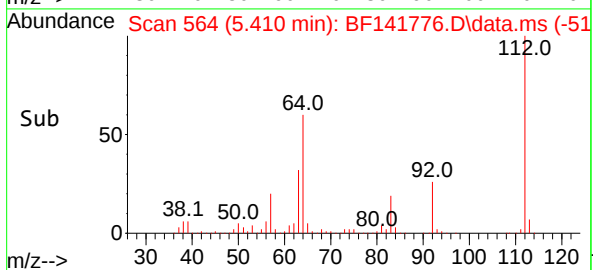
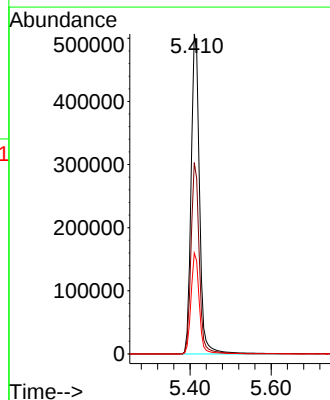
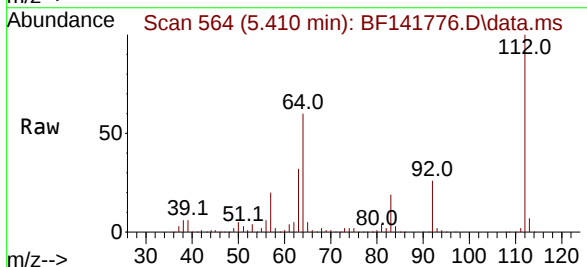
Instrument :
BNA_F
ClientSampleId :
PB166853BL

Tgt Ion:152 Resp: 81286
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.4
115 61.9 53.6 80.4



#5
2-Fluorophenol
Concen: 140.520 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

Tgt Ion:112 Resp: 728584
Ion Ratio Lower Upper
112 100
64 59.8 51.1 76.7
63 31.6 28.4 42.6

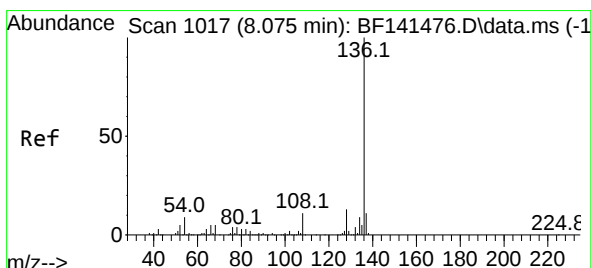
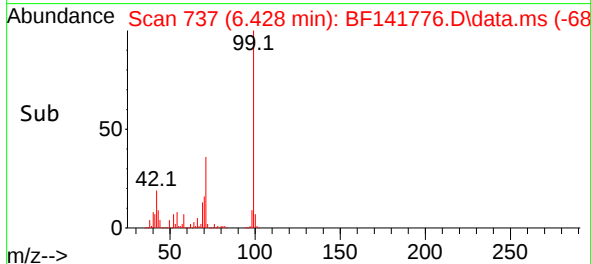
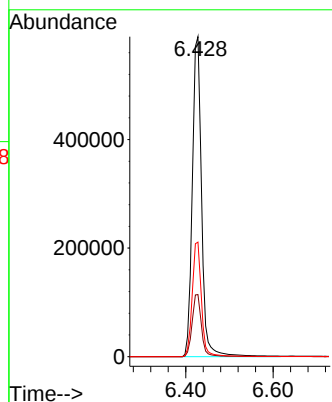
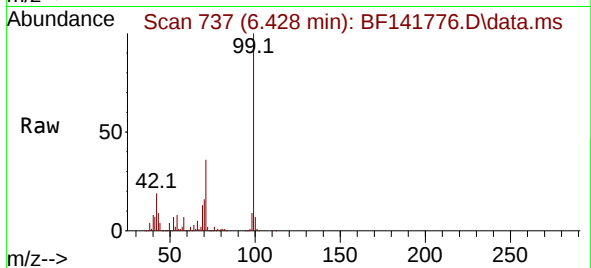




#7
Phenol-d6
Concen: 132.975 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141776.D
Acq: 26 Feb 2025 11:49

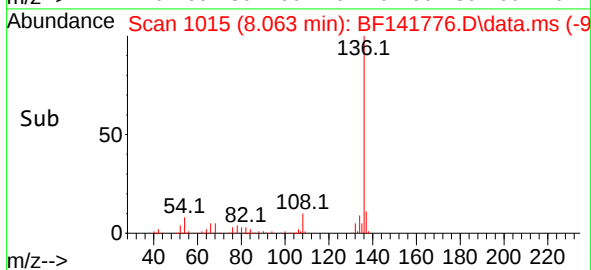
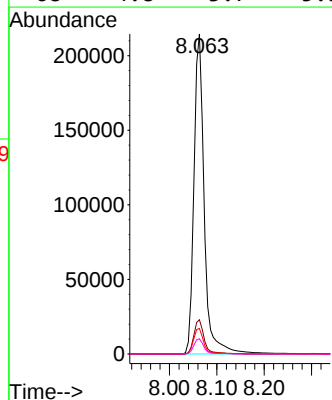
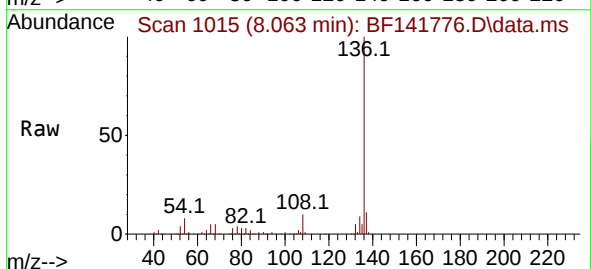
Instrument :
BNA_F
ClientSampleId :
PB166853BL

Tgt Ion: 99 Resp: 871422
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 35.8 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: BF141776.D
Acq: 26 Feb 2025 11:49

Tgt Ion: 136 Resp: 323646
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.9 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 90.662 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF141776.D

Acq: 26 Feb 2025 11:49

Instrument :

BNA_F

ClientSampleId :

PB166853BL

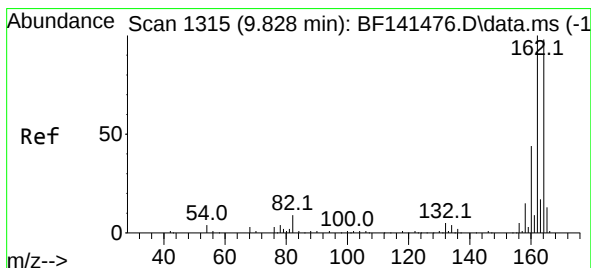
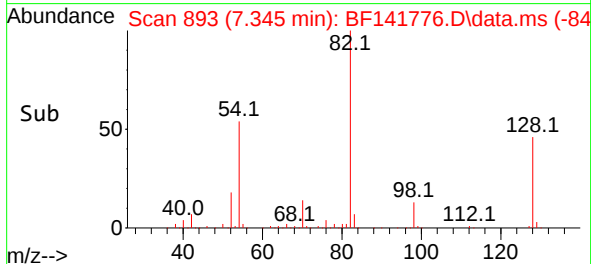
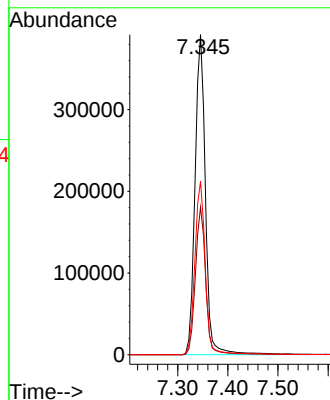
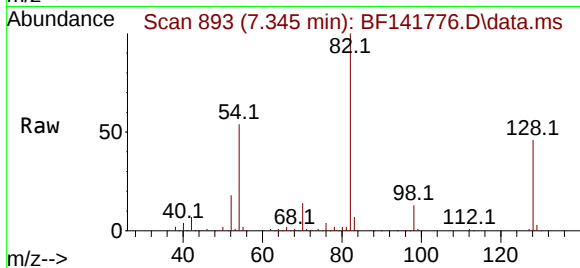
Tgt Ion: 82 Resp: 562566

Ion Ratio Lower Upper

82 100

128 46.1 34.8 52.2

54 54.1 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: BF141776.D

Acq: 26 Feb 2025 11:49

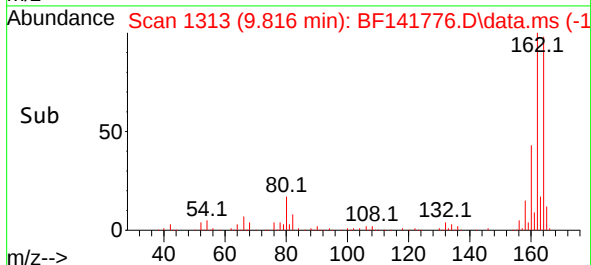
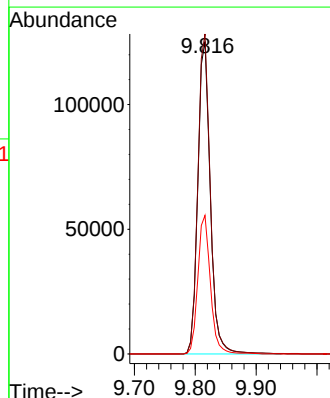
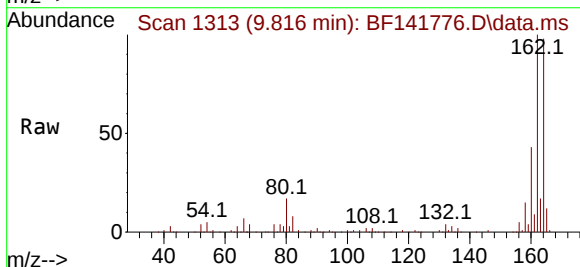
Tgt Ion:164 Resp: 177621

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 44.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 135.262 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141776.D

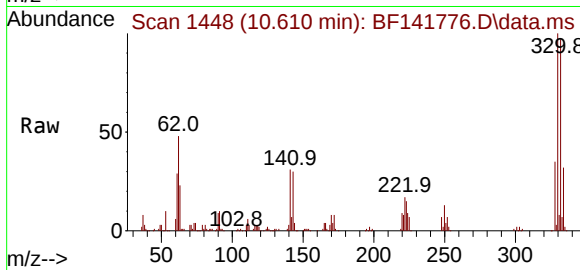
Acq: 26 Feb 2025 11:49

Instrument :

BNA_F

ClientSampleId :

PB166853BL



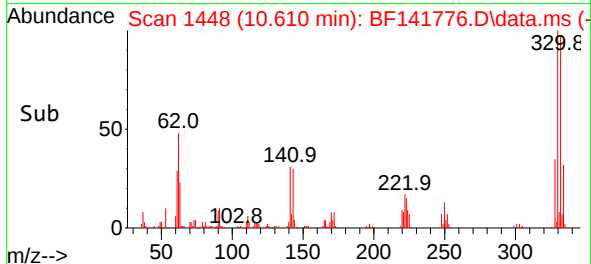
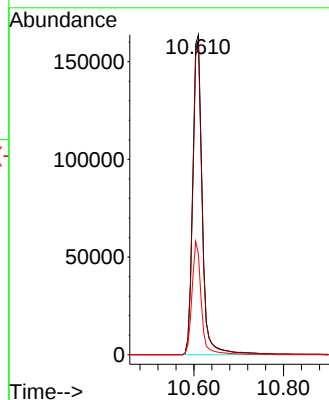
Tgt Ion:330 Resp: 241346

Ion Ratio Lower Upper

330 100

332 97.1 78.5 117.7

141 34.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 97.007 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141776.D

Acq: 26 Feb 2025 11:49

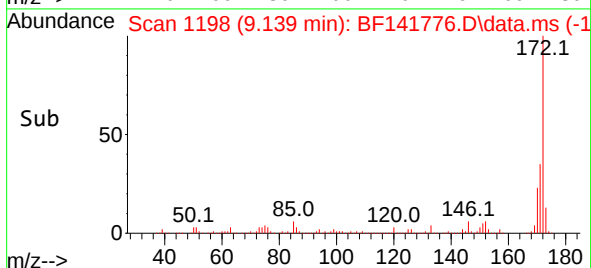
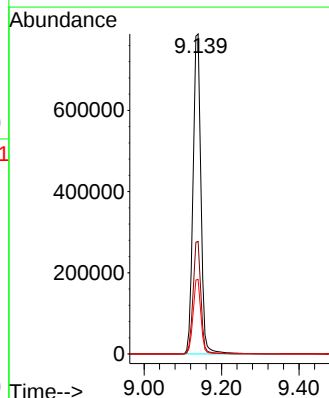
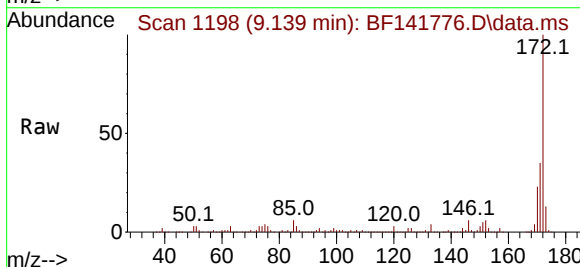
Tgt Ion:172 Resp: 1118399

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: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141776.D

Acq: 26 Feb 2025 11:49

Instrument :

BNA_F

ClientSampleId :

PB166853BL

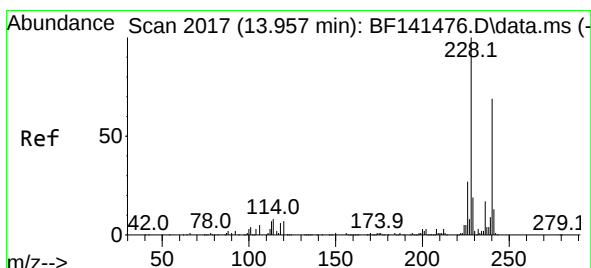
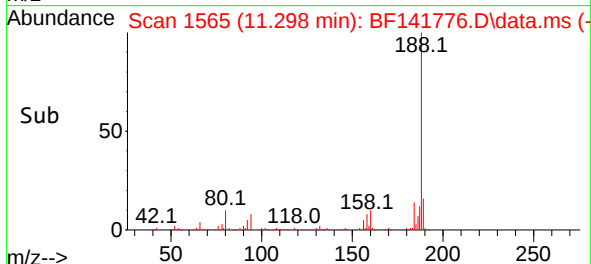
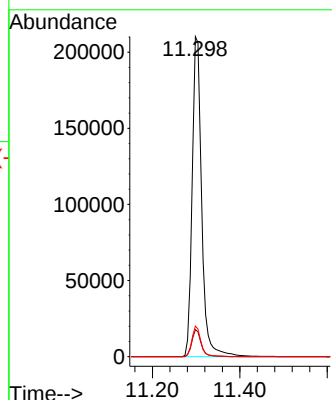
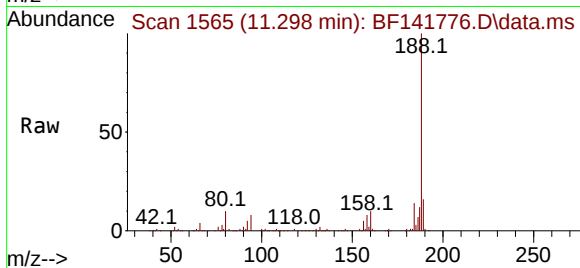
Tgt Ion:188 Resp: 318142

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.6 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: BF141776.D

Acq: 26 Feb 2025 11:49

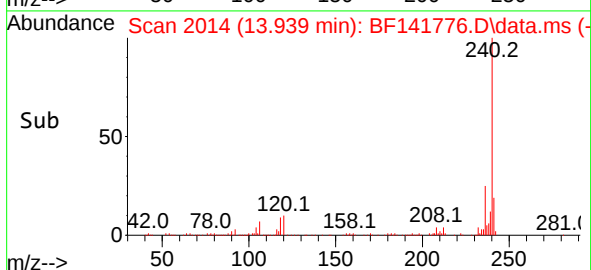
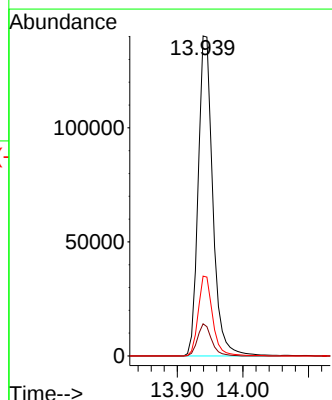
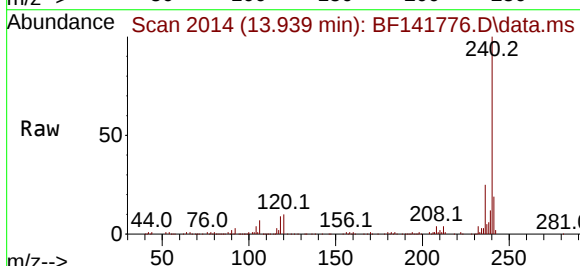
Tgt Ion:240 Resp: 217249

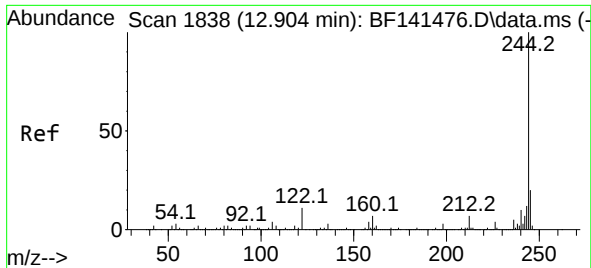
Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

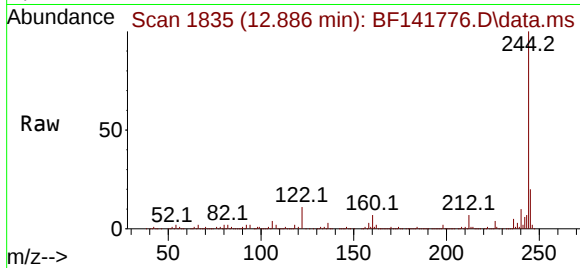
236 24.9 19.8 29.8



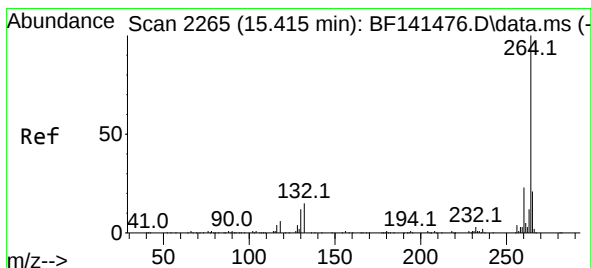
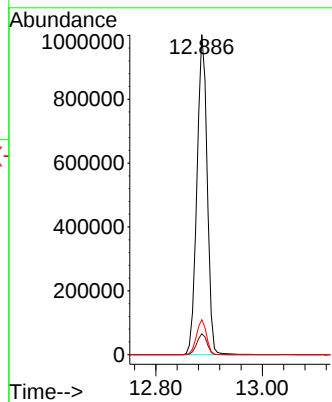
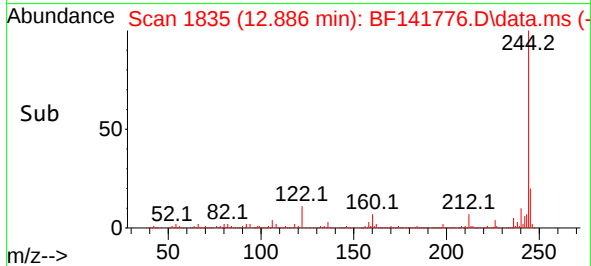


#79
 Terphenyl-d14
 Concen: 104.065 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.017 min
 Lab File: BF141776.D
 Acq: 26 Feb 2025 11:49

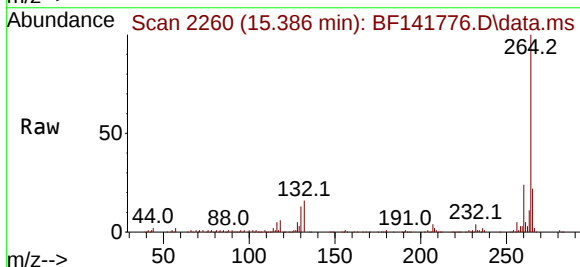
Instrument :
 BNA_F
 ClientSampleId :
 PB166853BL



Tgt Ion:244 Resp: 1339199
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.9 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: BF141776.D
 Acq: 26 Feb 2025 11:49



Tgt Ion:264 Resp: 172479
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.5 17.0 25.4

