

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141788.D
 Acq On : 26 Feb 2025 17:56
 Operator : RC/JU
 Sample : Q1415-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB02222025

Quant Time: Feb 27 00:05:12 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	78152	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	311819	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	173235	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	306559	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	234571	20.000	ng	-0.02
86) Perylene-d12	15.386	264	196458	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	232019	46.543	ng	0.00
7) Phenol-d6	6.428	99	165420	26.255	ng	-0.01
23) Nitrobenzene-d5	7.345	82	461089	77.127	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	200755	115.362	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	892377	79.362	ng	-0.02
79) Terphenyl-d14	12.886	244	1101084	79.243	ng	-0.02

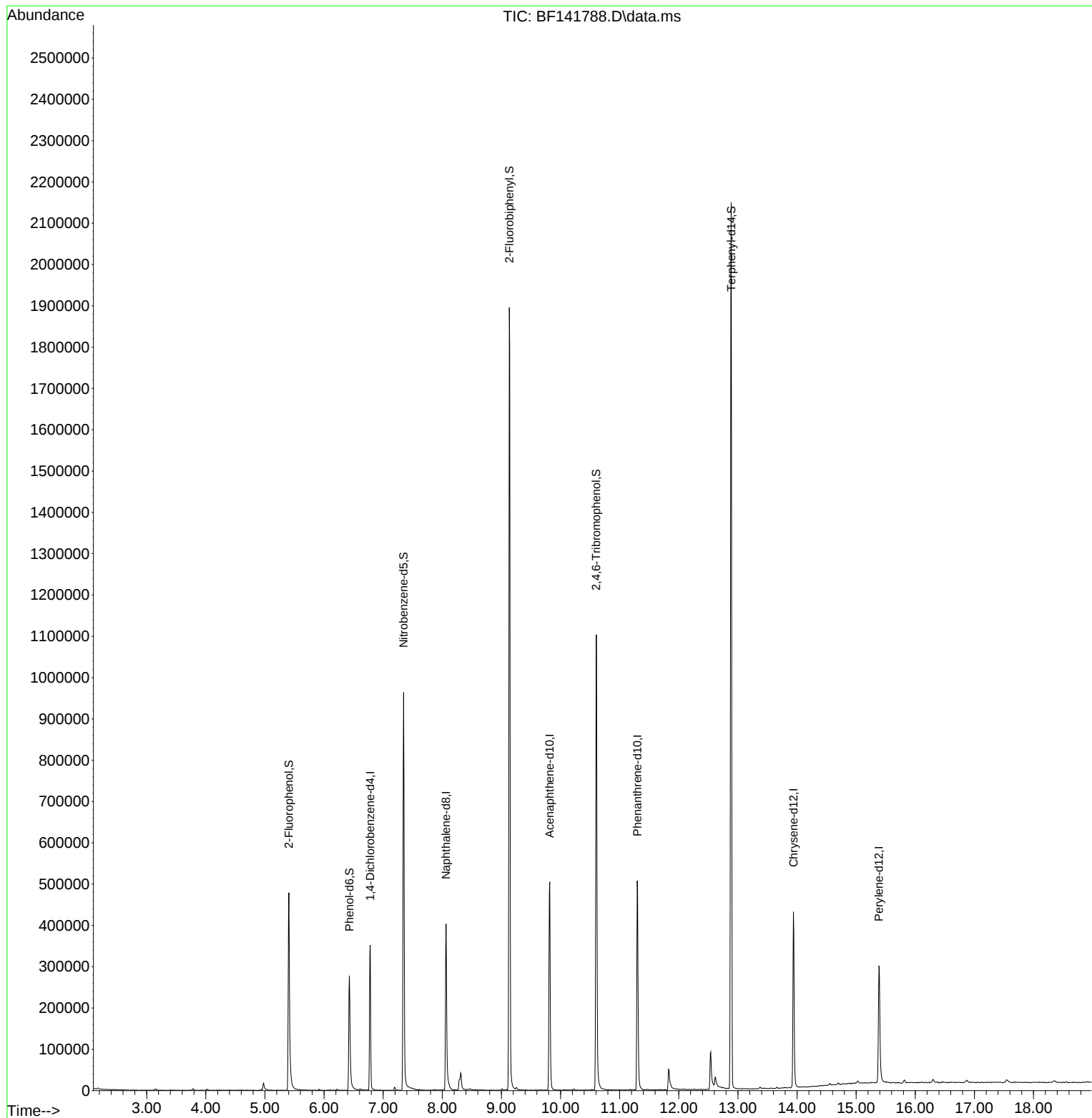
Target Compounds	Qvalue

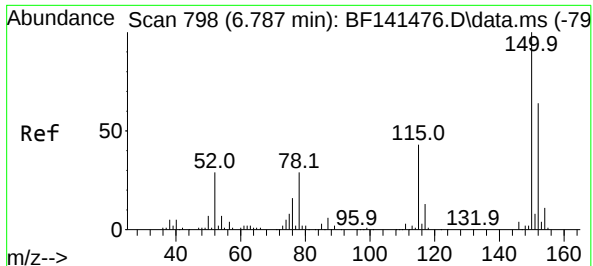
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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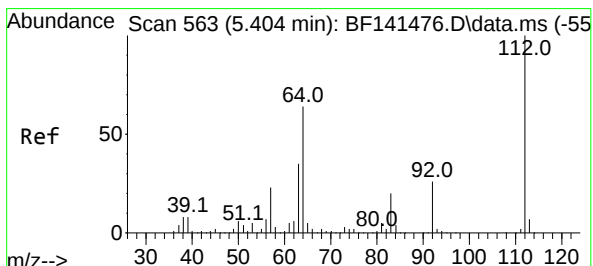
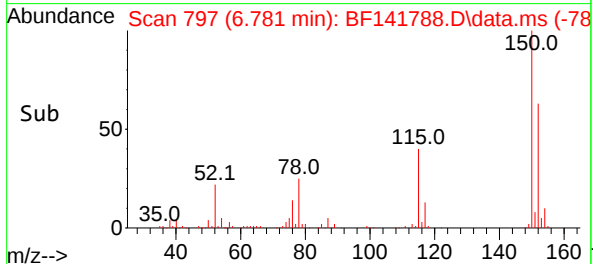
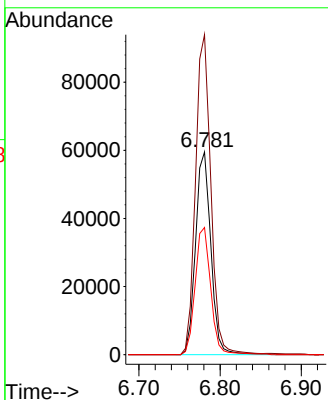
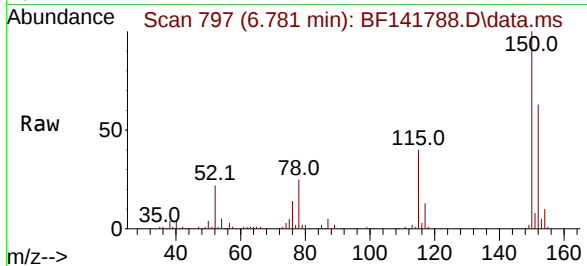




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141788.D
 Acq: 26 Feb 2025 17:56

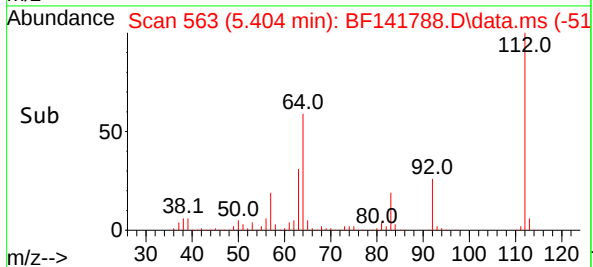
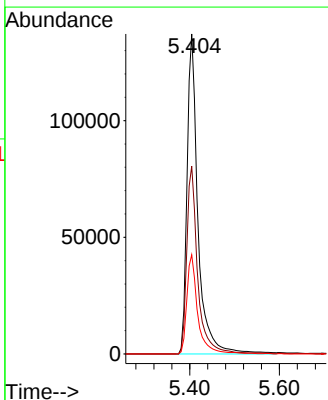
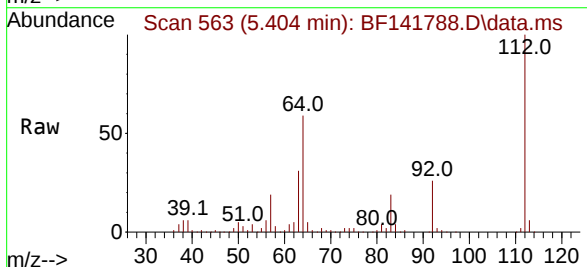
Instrument :
 BNA_F
 ClientSampleId :
 FB02222025

Tgt Ion:152 Resp: 78152
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.0 187.4
 115 62.7 53.6 80.4



#5
 2-Fluorophenol
 Concen: 46.543 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141788.D
 Acq: 26 Feb 2025 17:56

Tgt Ion:112 Resp: 232019
 Ion Ratio Lower Upper
 112 100
 64 58.7 51.1 76.7
 63 31.0 28.4 42.6

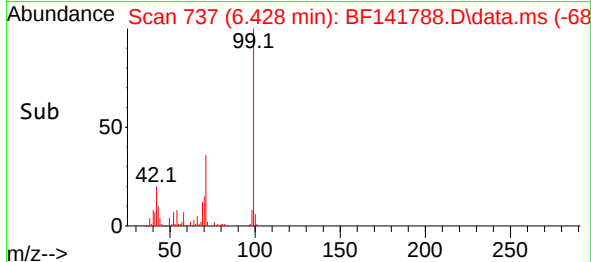
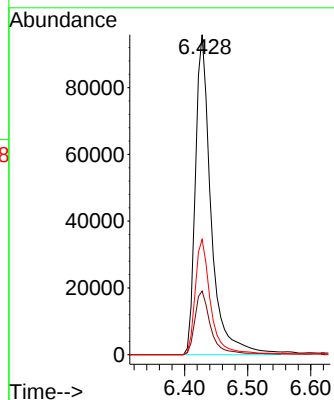
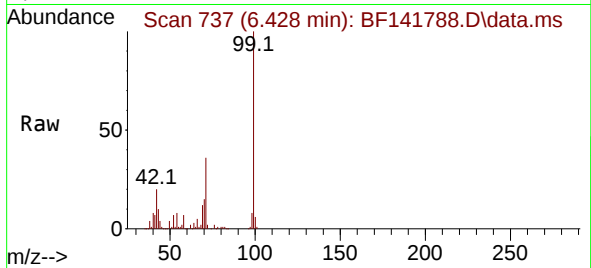




#7
Phenol-d6
Concen: 26.255 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141788.D
Acq: 26 Feb 2025 17:56

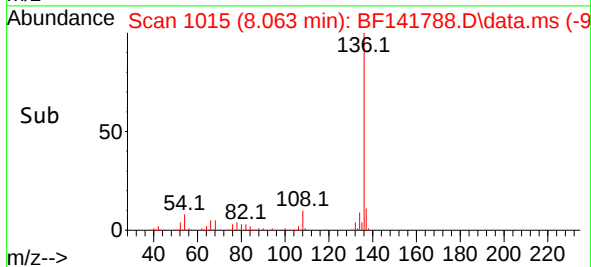
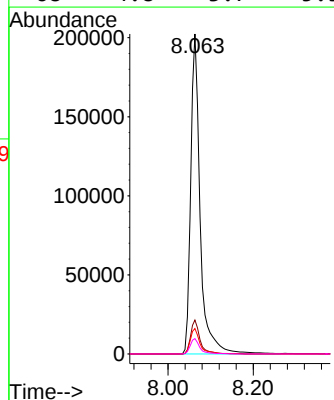
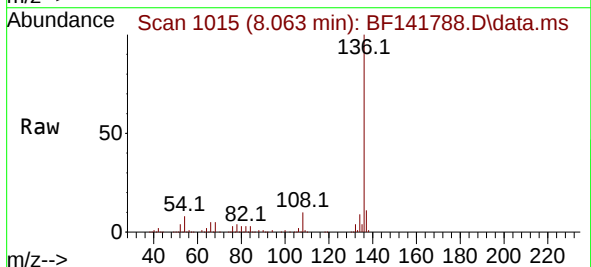
Instrument :
BNA_F
ClientSampleId :
FB02222025

Tgt Ion: 99 Resp: 165420
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 36.1 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: BF141788.D
Acq: 26 Feb 2025 17:56

Tgt Ion: 136 Resp: 311819
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 7.2 10.8
68 4.8 3.7 5.5

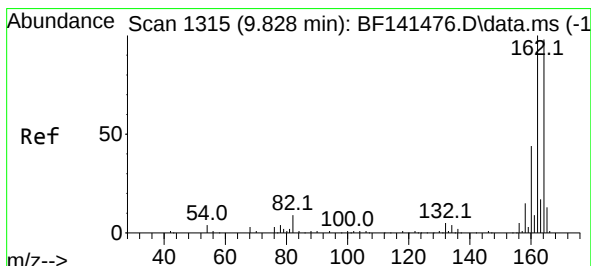
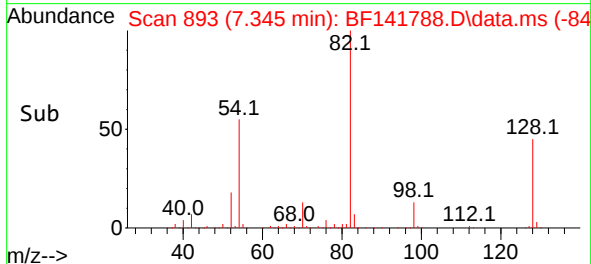
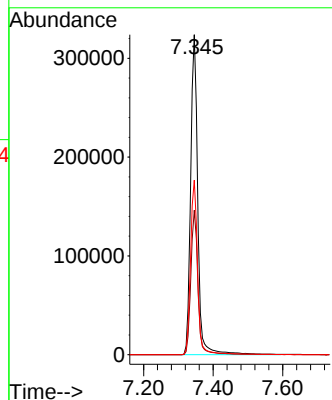
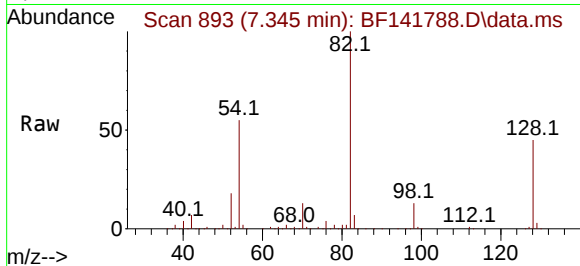




#23
 Nitrobenzene-d5
 Concen: 77.127 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.017 min
 Lab File: BF141788.D
 Acq: 26 Feb 2025 17:56

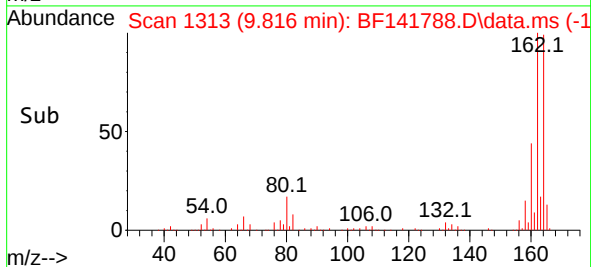
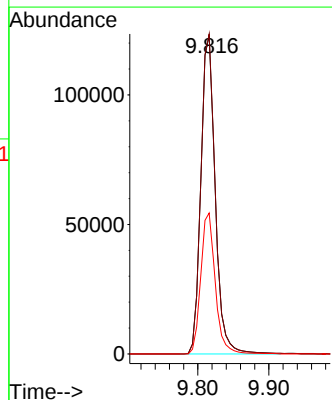
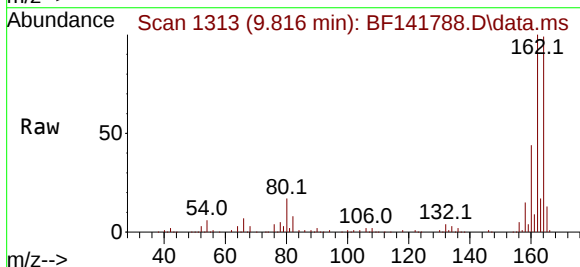
Instrument :
 BNA_F
 ClientSampleId :
 FB02222025

Tgt Ion: 82 Resp: 461089
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.8 52.2
 54 54.6 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: BF141788.D
 Acq: 26 Feb 2025 17:56

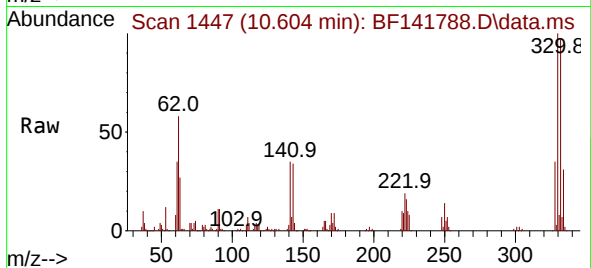
Tgt Ion:164 Resp: 173235
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.3 121.9
 160 44.3 35.9 53.9



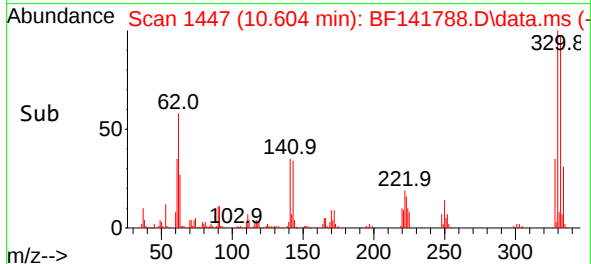
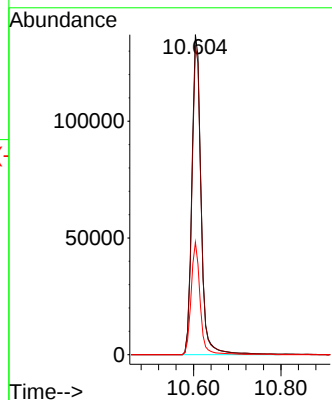


#42
2,4,6-Tribromophenol
Concen: 115.362 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141788.D
Acq: 26 Feb 2025 17:56

Instrument :
BNA_F
ClientSampleId :
FB02222025

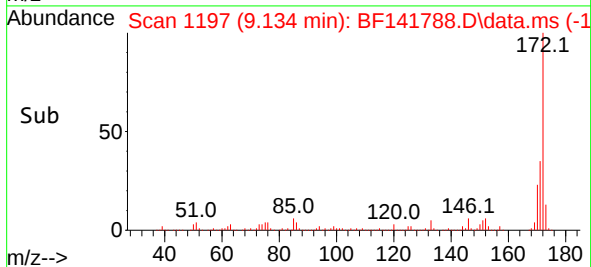
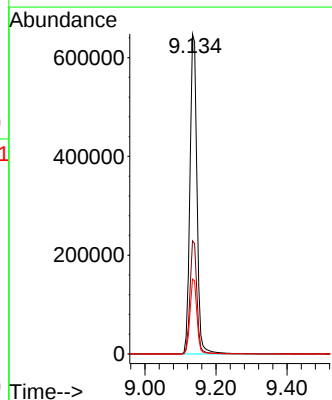
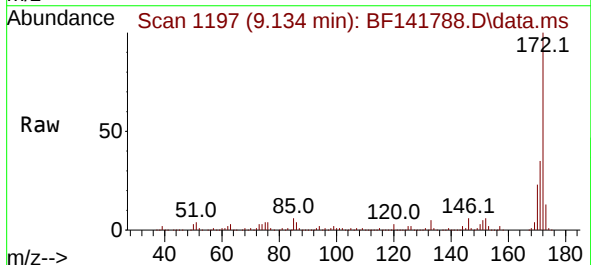


Tgt Ion:330 Resp: 200755
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 34.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 79.362 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141788.D
Acq: 26 Feb 2025 17:56

Tgt Ion:172 Resp: 892377
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.4 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: BF141788.D

Acq: 26 Feb 2025 17:56

Instrument :

BNA_F

ClientSampleId :

FB02222025

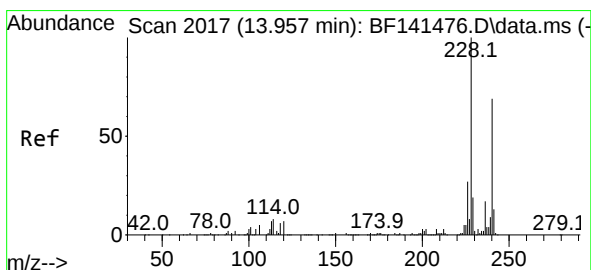
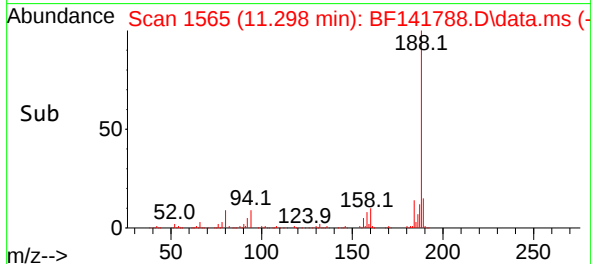
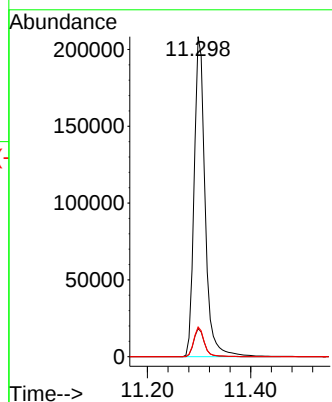
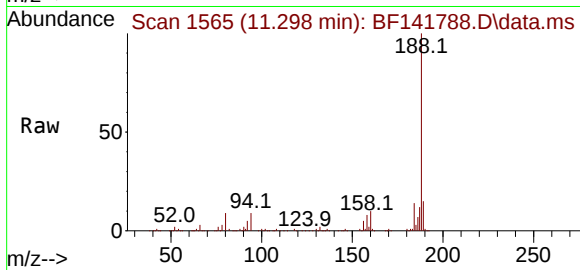
Tgt Ion:188 Resp: 306559

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.3 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: BF141788.D

Acq: 26 Feb 2025 17:56

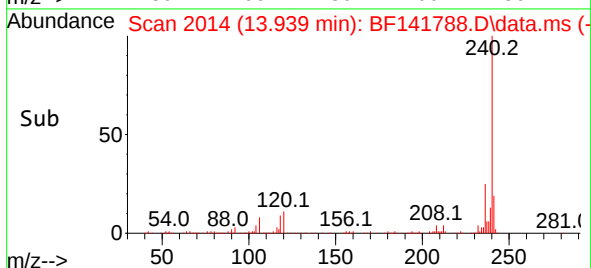
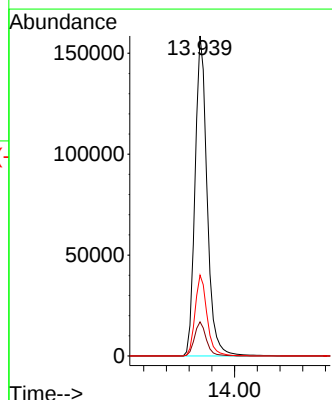
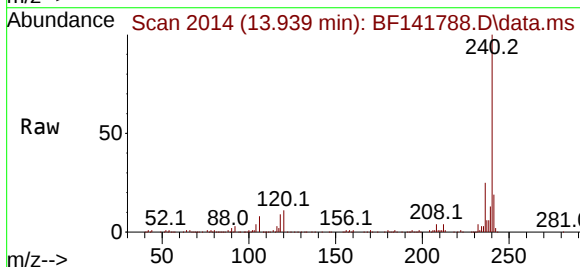
Tgt Ion:240 Resp: 234571

Ion Ratio Lower Upper

240 100

120 10.7 8.0 12.0

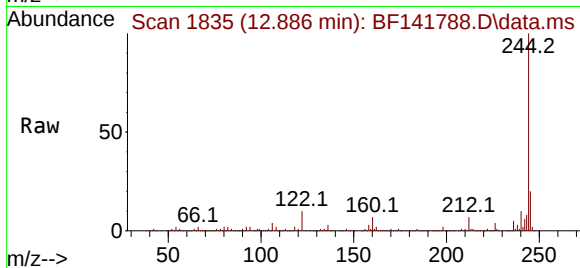
236 25.3 19.8 29.8



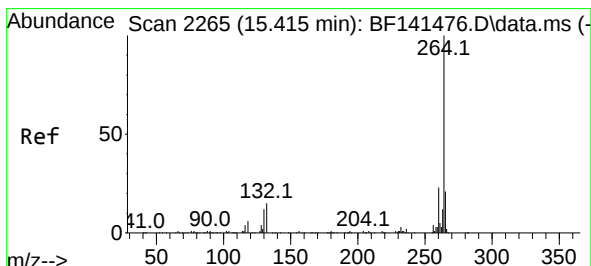
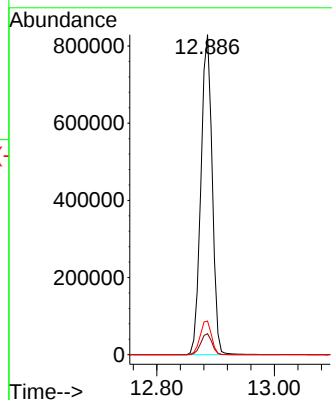
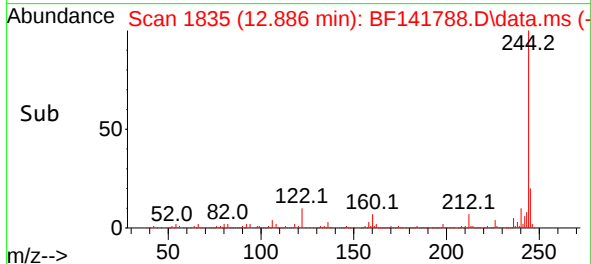


#79
Terphenyl-d14
Concen: 79.243 ng
RT: 12.886 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141788.D
Acq: 26 Feb 2025 17:56

Instrument :
BNA_F
ClientSampleId :
FB02222025



Tgt Ion:244 Resp: 1101084
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.5 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: BF141788.D
Acq: 26 Feb 2025 17:56

Tgt Ion:264 Resp: 196458
Ion Ratio Lower Upper
264 100
260 22.2 18.6 28.0
265 21.5 17.0 25.4

