

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141783.D
 Acq On : 26 Feb 2025 15:29
 Operator : RC/JU
 Sample : Q1422-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01

Quant Time: Feb 26 15:54:54 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	72268	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	292697	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	159017	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	283246	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	228691	20.000	ng	-0.02
86) Perylene-d12	15.386	264	192278	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	445168	96.572	ng	0.00
7) Phenol-d6	6.422	99	560982	96.285	ng	-0.02
23) Nitrobenzene-d5	7.345	82	350583	62.473	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	145952	91.369	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	672054	65.112	ng	-0.02
79) Terphenyl-d14	12.886	244	822259	60.698	ng	-0.02

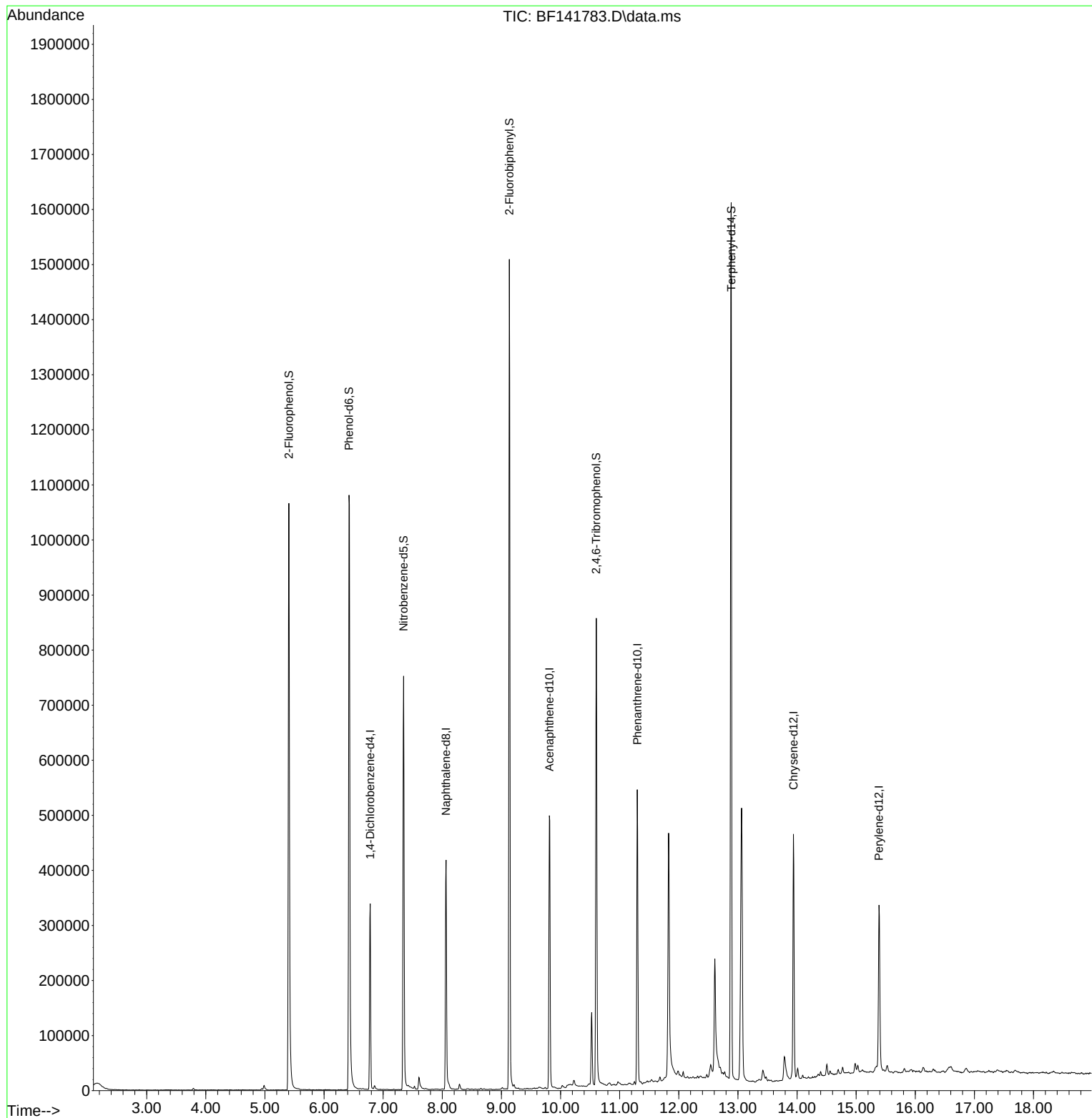
Target Compounds	Qvalue

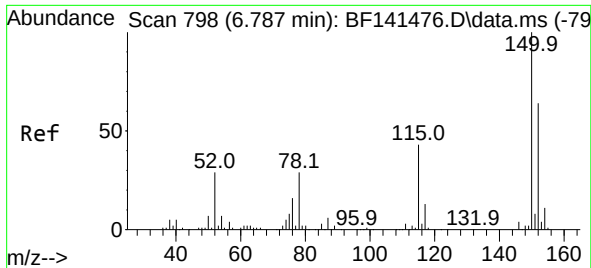
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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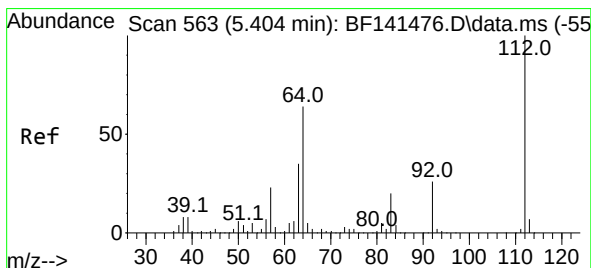
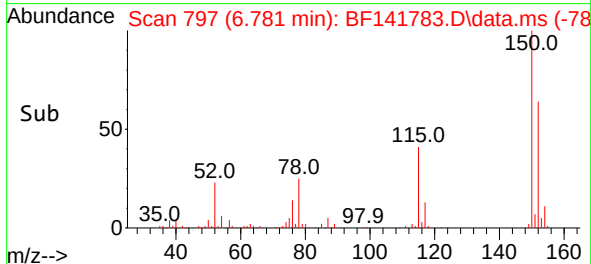
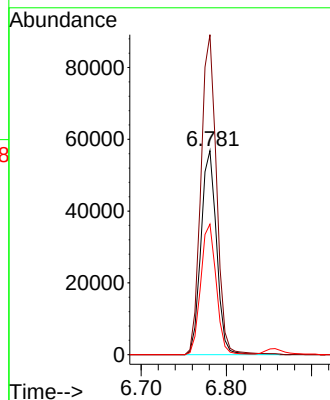
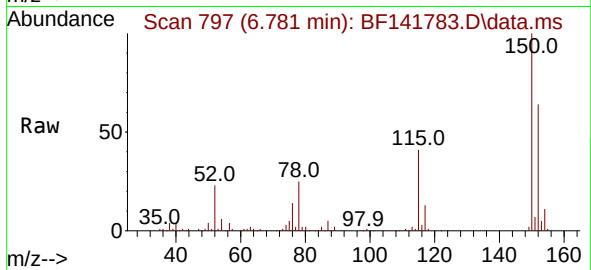




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141783.D
Acq: 26 Feb 2025 15:29

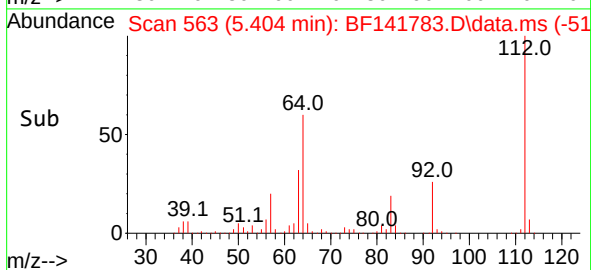
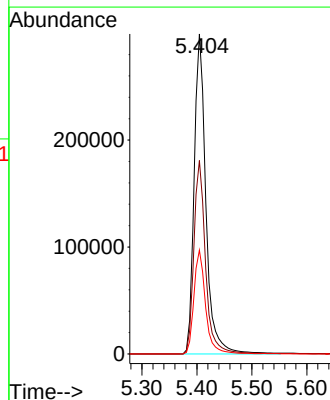
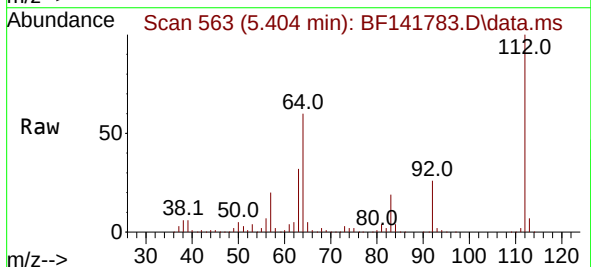
Instrument :
BNA_F
ClientSampleId :
B-154-SB01

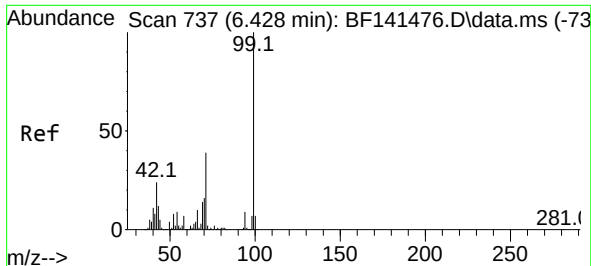
Tgt Ion:152 Resp: 72268
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.4
115 64.0 53.6 80.4



#5
2-Fluorophenol
Concen: 96.572 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141783.D
Acq: 26 Feb 2025 15:29

Tgt Ion:112 Resp: 445168
Ion Ratio Lower Upper
112 100
64 60.4 51.1 76.7
63 32.5 28.4 42.6

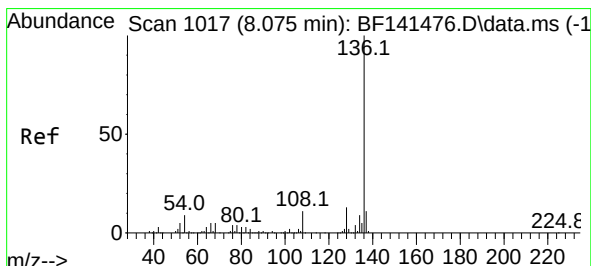
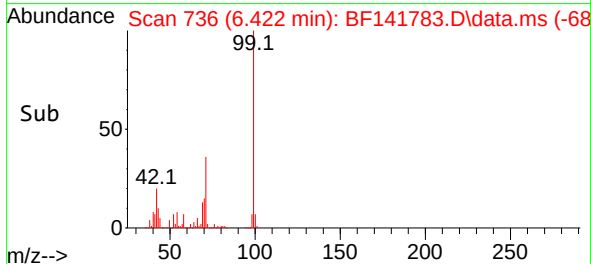
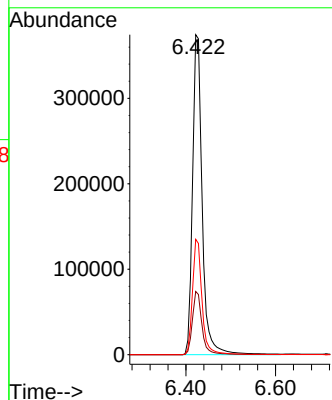
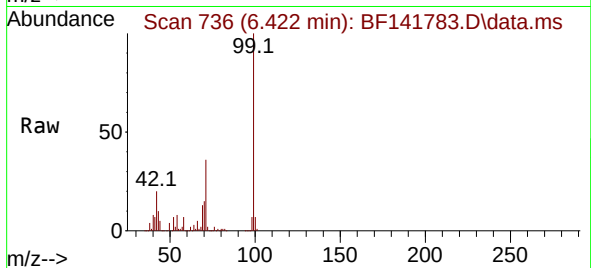




#7
Phenol-d6
Concen: 96.285 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141783.D
Acq: 26 Feb 2025 15:29

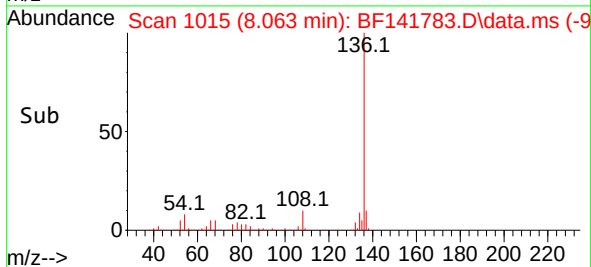
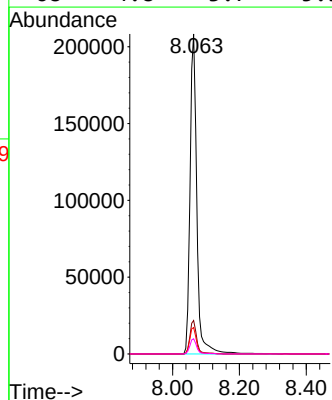
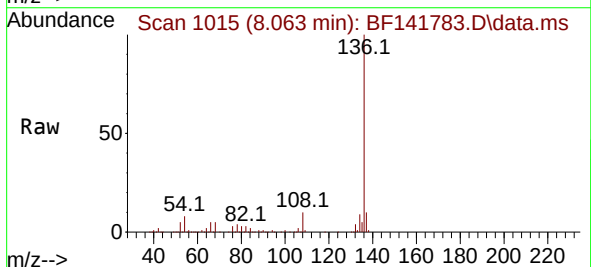
Instrument :
BNA_F
ClientSampleId :
B-154-SB01

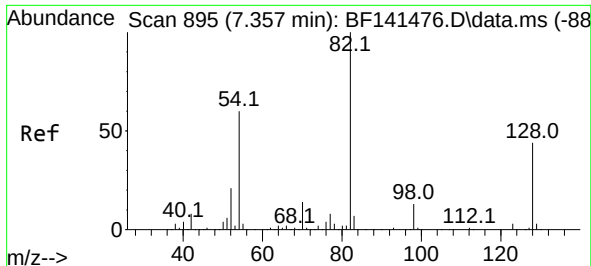
Tgt Ion: 99 Resp: 560982
Ion Ratio Lower Upper
99 100
42 19.8 19.1 28.7
71 36.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141783.D
Acq: 26 Feb 2025 15:29

Tgt Ion: 136 Resp: 292697
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 62.473 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF141783.D

Acq: 26 Feb 2025 15:29

Instrument :

BNA_F

ClientSampleId :

B-154-SB01

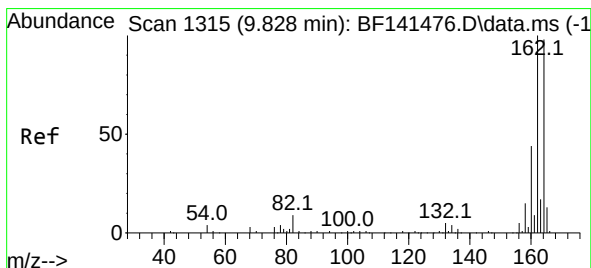
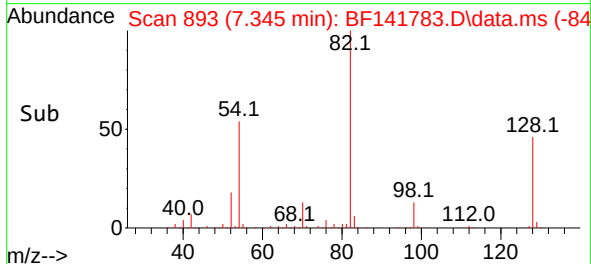
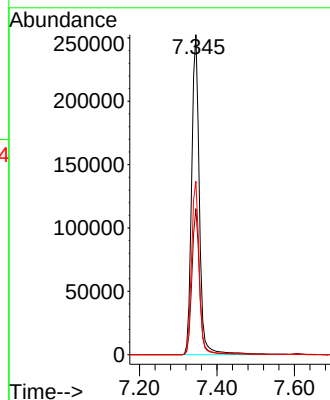
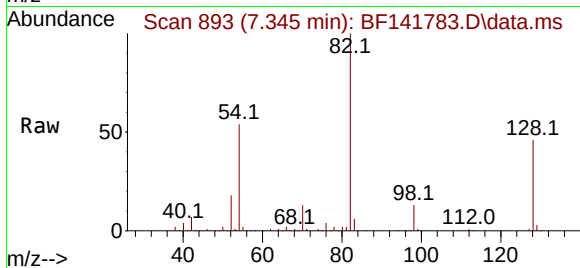
Tgt Ion: 82 Resp: 350583

Ion Ratio Lower Upper

82 100

128 45.7 34.8 52.2

54 54.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.023 min

Lab File: BF141783.D

Acq: 26 Feb 2025 15:29

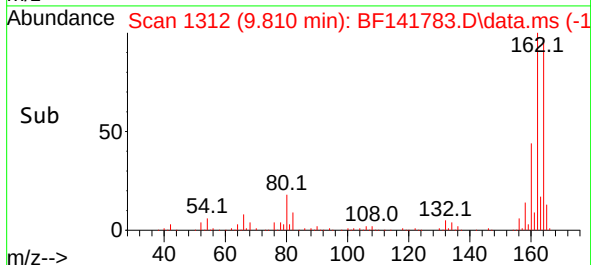
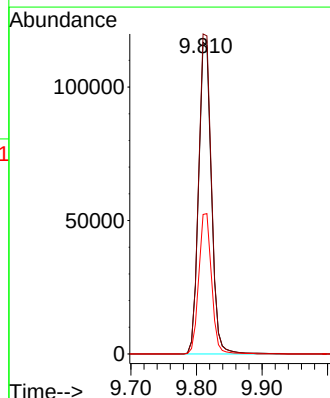
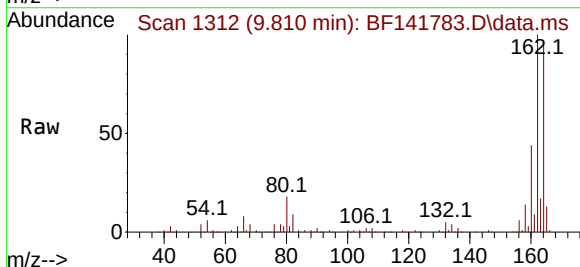
Tgt Ion:164 Resp: 159017

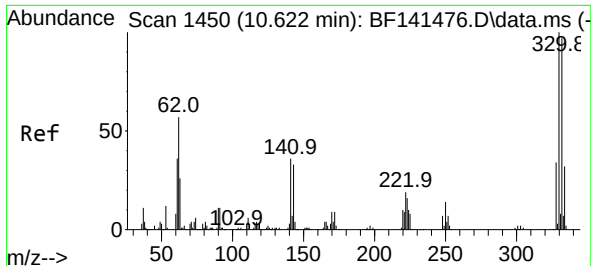
Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

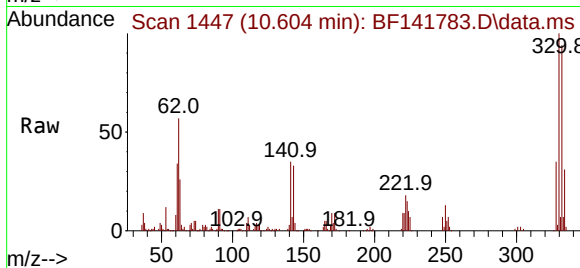
160 44.8 35.9 53.9



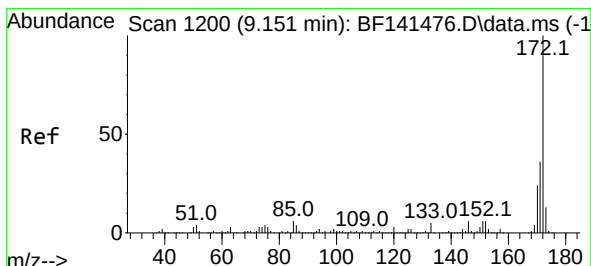
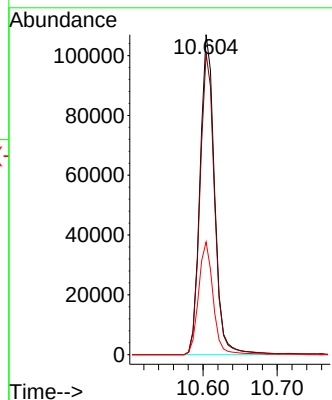
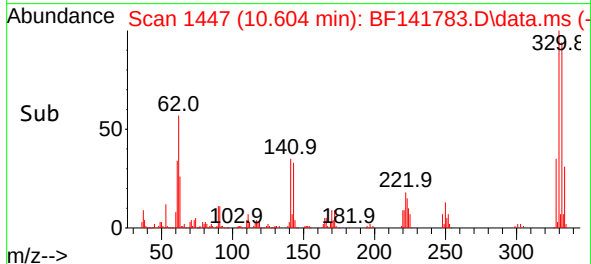


#42
 2,4,6-Tribromophenol
 Concen: 91.369 ng
 RT: 10.604 min Scan# 1450
 Delta R.T. -0.023 min
 Lab File: BF141783.D
 Acq: 26 Feb 2025 15:29

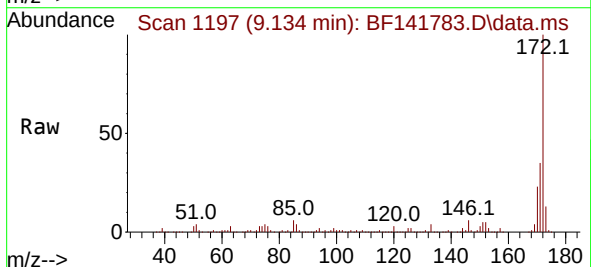
Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01



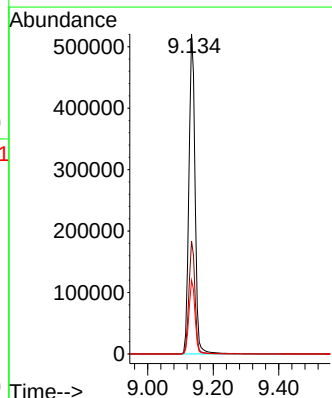
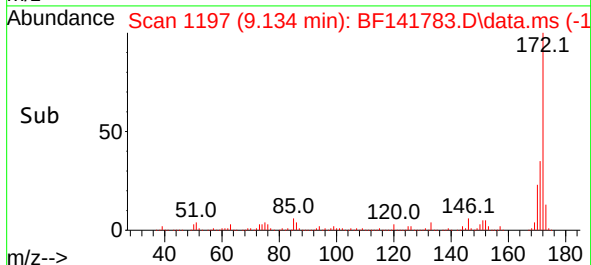
Tgt Ion: 330 Resp: 145952
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.5 117.7
 141 35.3 31.0 46.4

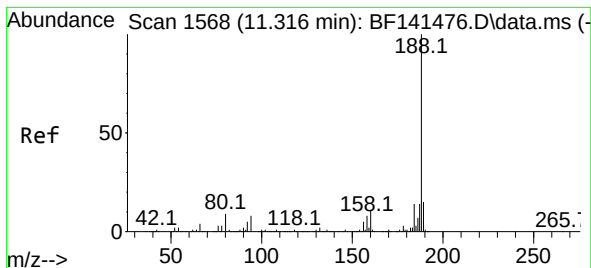


#45
 2-Fluorobiphenyl
 Concen: 65.112 ng
 RT: 9.134 min Scan# 1197
 Delta R.T. -0.017 min
 Lab File: BF141783.D
 Acq: 26 Feb 2025 15:29



Tgt Ion: 172 Resp: 672054
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.7 43.1
 170 23.0 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: BF141783.D

Acq: 26 Feb 2025 15:29

Instrument :

BNA_F

ClientSampleId :

B-154-SB01

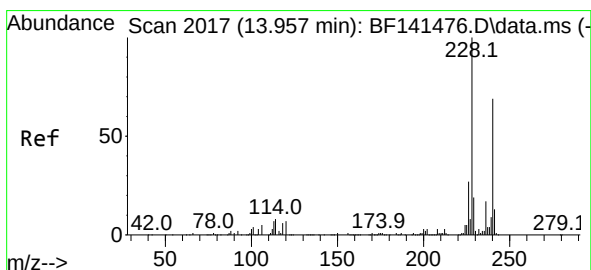
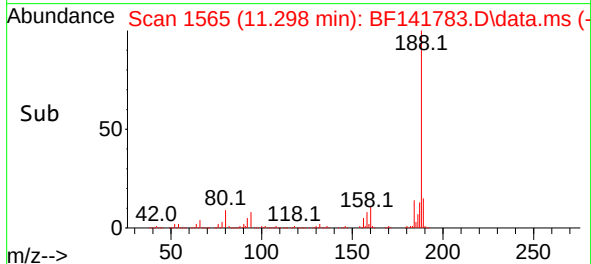
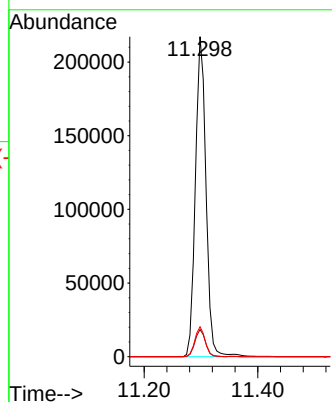
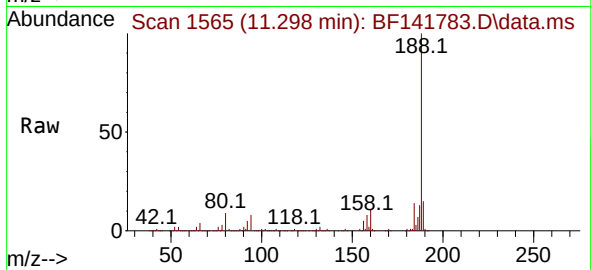
Tgt Ion:188 Resp: 283246

Ion Ratio Lower Upper

188 100

94 8.5 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: BF141783.D

Acq: 26 Feb 2025 15:29

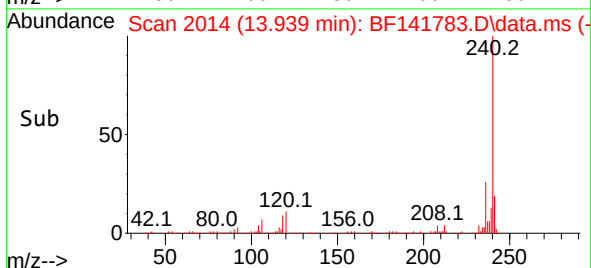
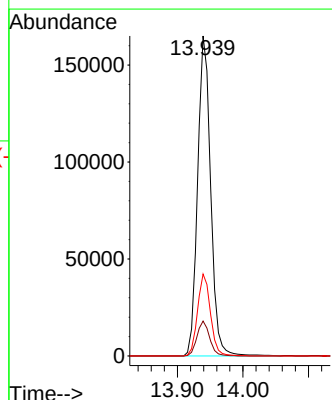
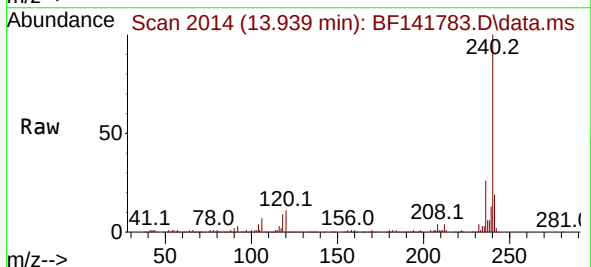
Tgt Ion:240 Resp: 228691

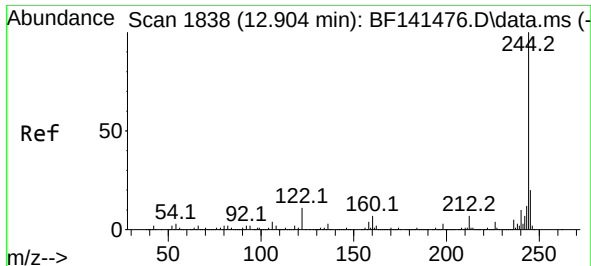
Ion Ratio Lower Upper

240 100

120 10.9 8.0 12.0

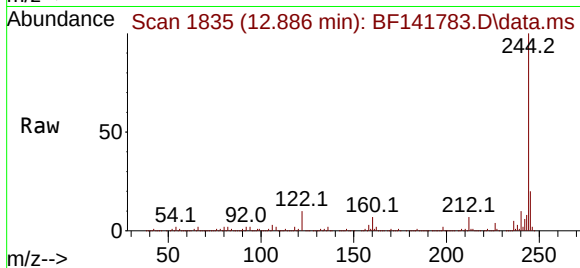
236 25.6 19.8 29.8



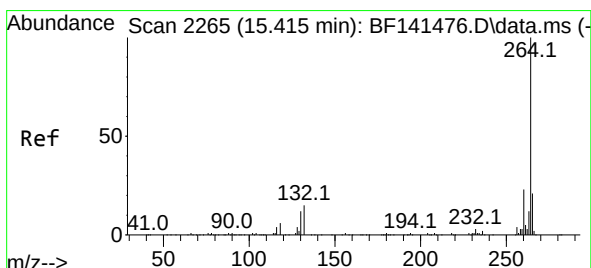
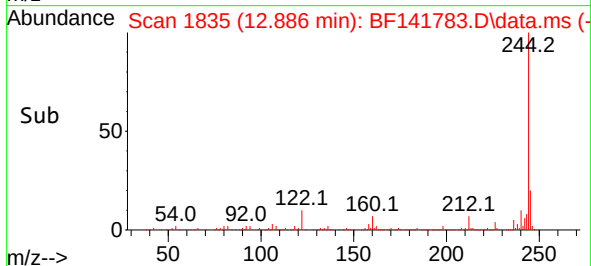
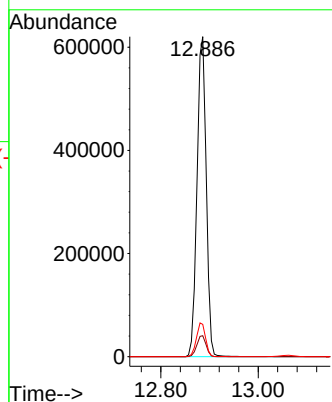


#79
 Terphenyl-d14
 Concen: 60.698 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.017 min
 Lab File: BF141783.D
 Acq: 26 Feb 2025 15:29

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 822259
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.1 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: BF141783.D
 Acq: 26 Feb 2025 15:29

Tgt Ion:264 Resp: 192278
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.6 28.0
 265 20.6 17.0 25.4

