

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142106.D
 Acq On : 26 Mar 2025 19:38
 Operator : RC/JU
 Sample : Q1636-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Mar 27 01:04:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

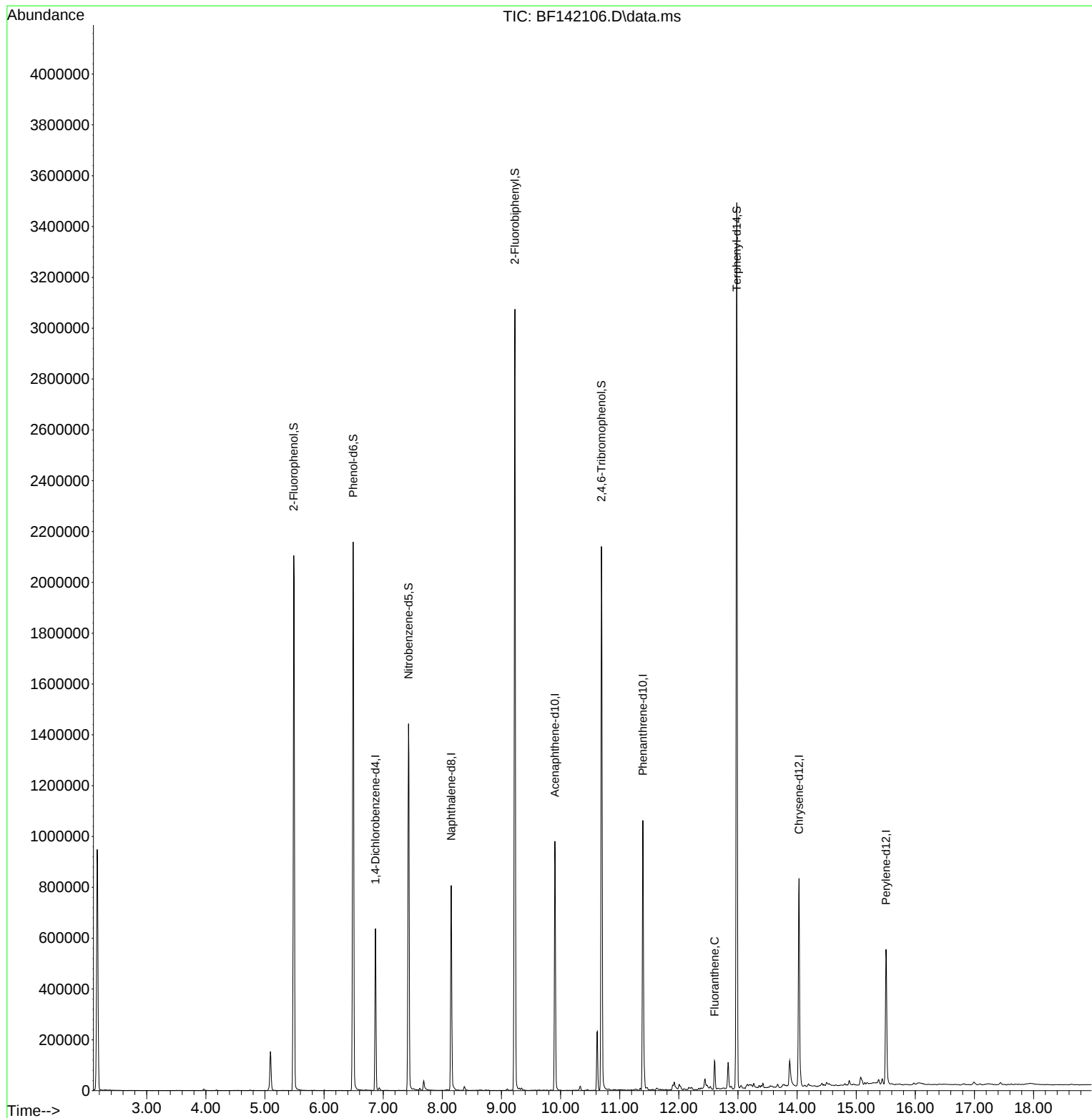
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	135437	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	537385	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	301026	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	552971	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	395934	20.000	ng	0.00
86) Perylene-d12	15.504	264	327459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	843849	103.986	ng	0.00
7) Phenol-d6	6.492	99	1055325	102.139	ng	-0.01
23) Nitrobenzene-d5	7.428	82	682761	71.500	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	411587	107.776	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1377410	69.588	ng	-0.01
79) Terphenyl-d14	12.980	244	1736767	64.852	ng	0.00
Target Compounds						
75) Fluoranthene	12.604	202	66505	2.099	ng	99

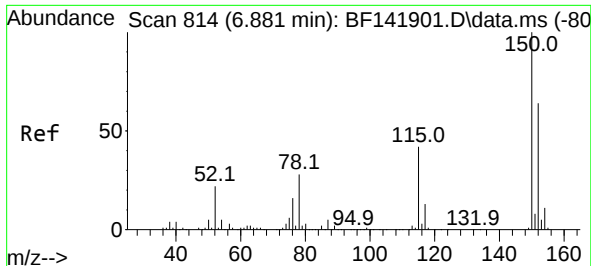
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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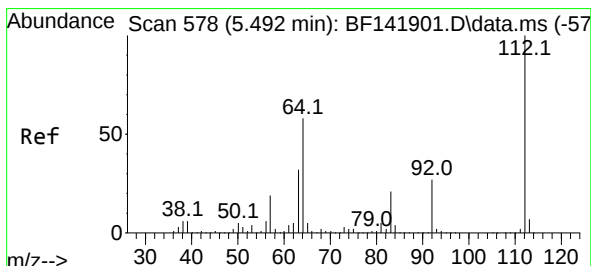
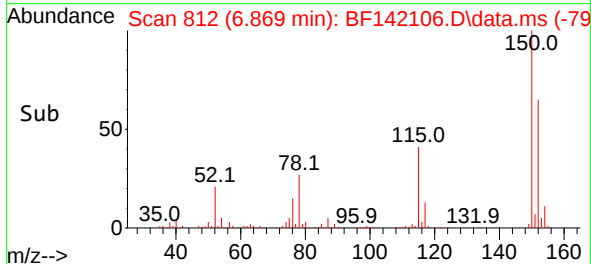
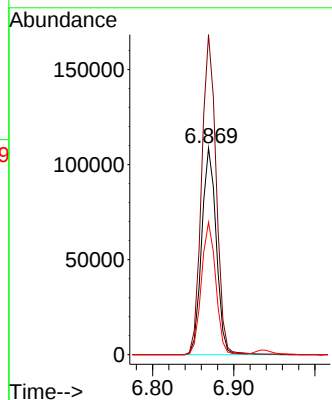
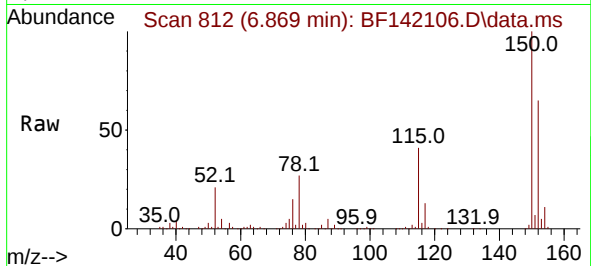




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

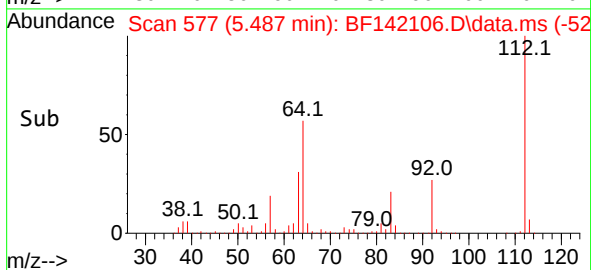
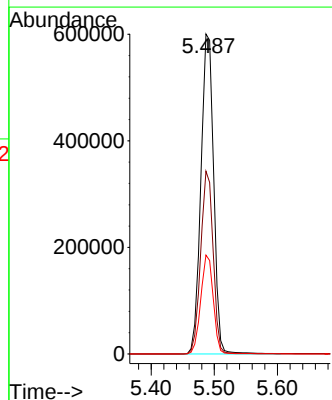
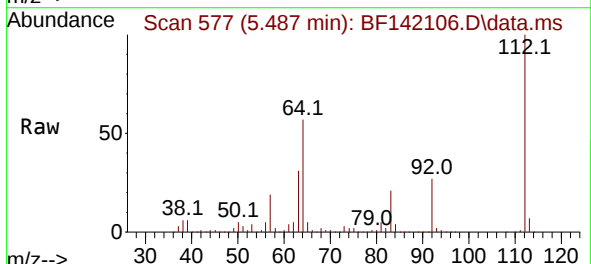
Instrument :
BNA_F
ClientSampleId :
WC-3

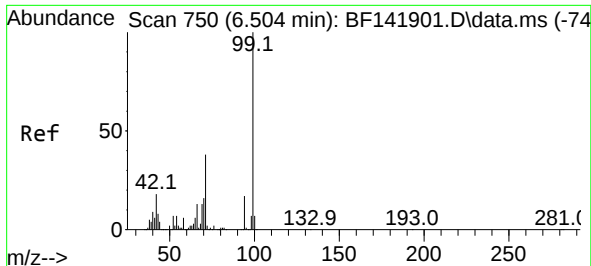
Tgt Ion:152 Resp: 135437
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.2
115 64.1 51.9 77.9



#5
2-Fluorophenol
Concen: 103.986 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:112 Resp: 843849
Ion Ratio Lower Upper
112 100
64 57.1 46.5 69.7
63 30.9 25.4 38.2





#7
Phenol-d6
Concen: 102.139 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

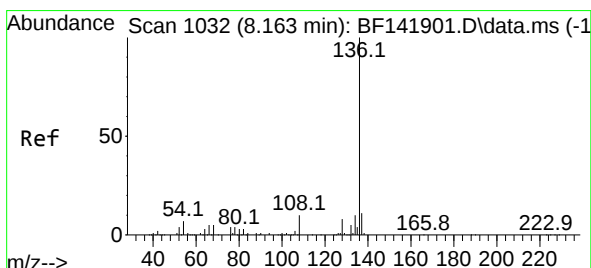
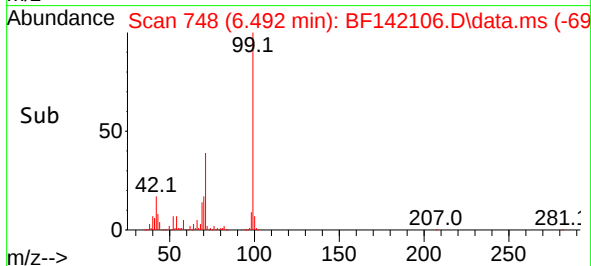
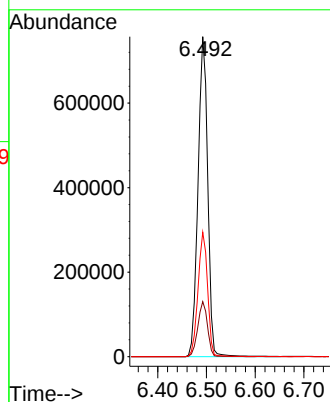
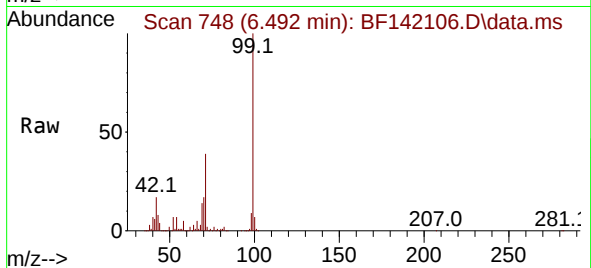
Instrument :

BNA_F

ClientSampleId :

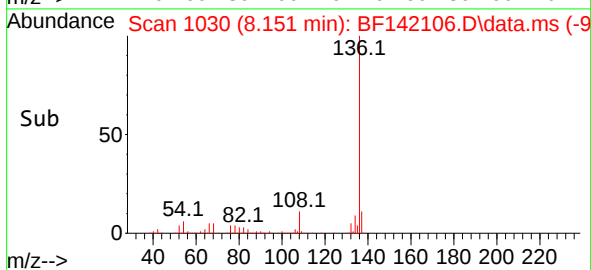
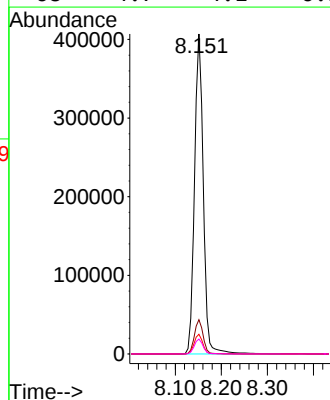
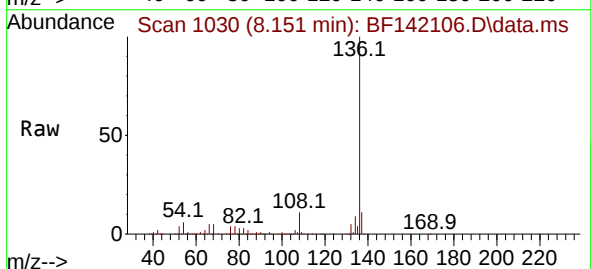
WC-3

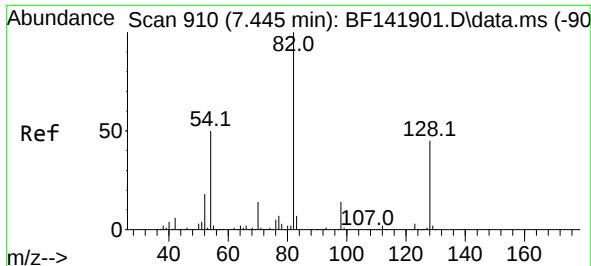
Tgt Ion: 99 Resp: 1055325
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.9 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:136 Resp: 537385
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.2 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 71.500 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

Instrument :

BNA_F

ClientSampleId :

WC-3

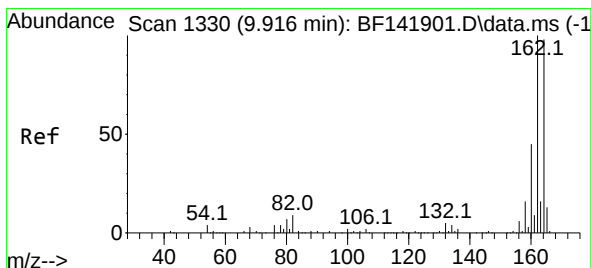
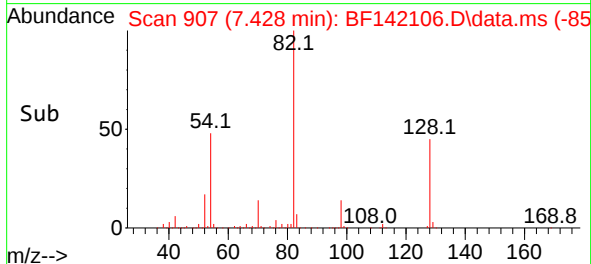
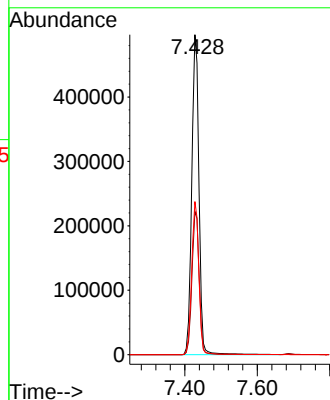
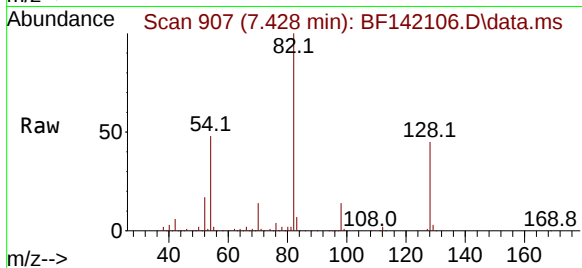
Tgt Ion: 82 Resp: 682761

Ion Ratio Lower Upper

82 100

128 44.7 36.0 54.0

54 47.9 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

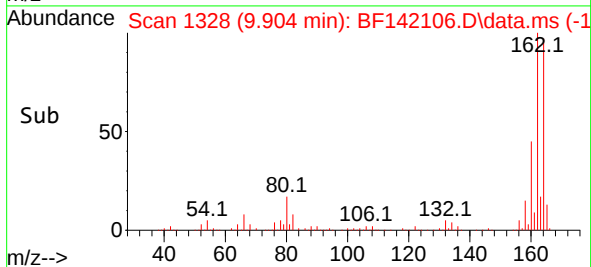
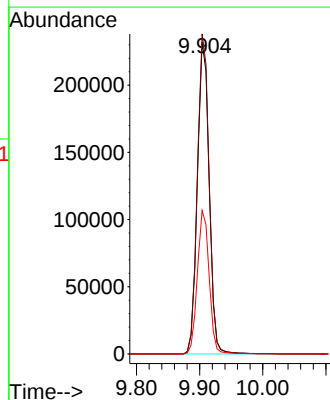
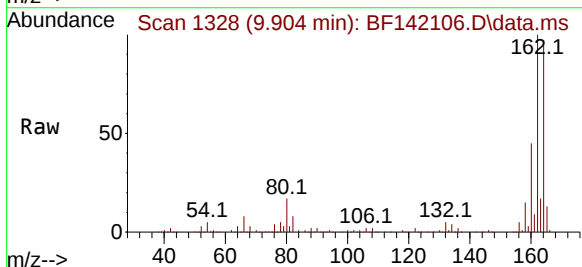
Tgt Ion:164 Resp: 301026

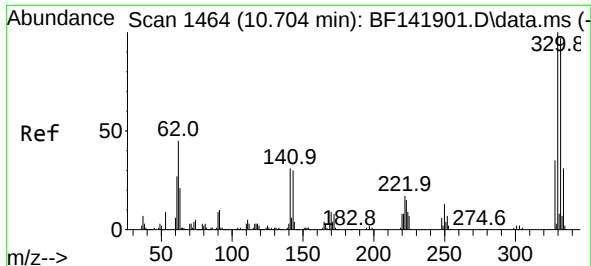
Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 46.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 107.776 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

Instrument :

BNA_F

ClientSampleId :

WC-3

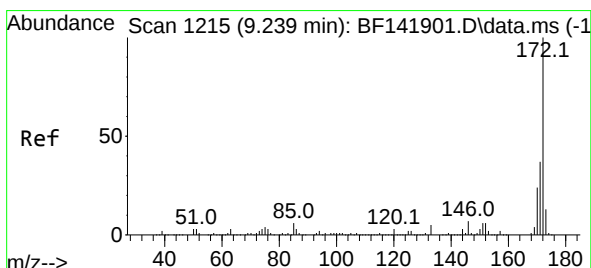
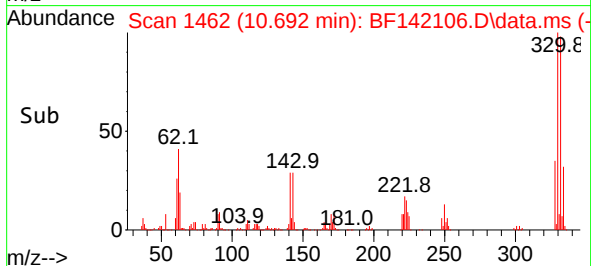
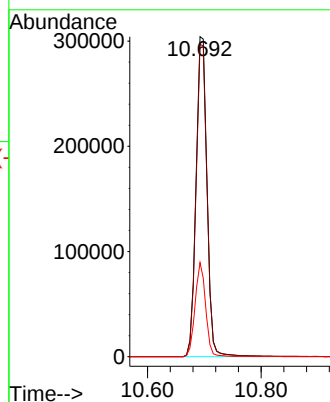
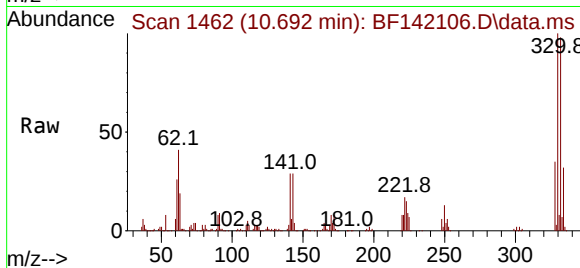
Tgt Ion:330 Resp: 411587

Ion Ratio Lower Upper

330 100

332 97.4 77.6 116.4

141 28.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 69.588 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

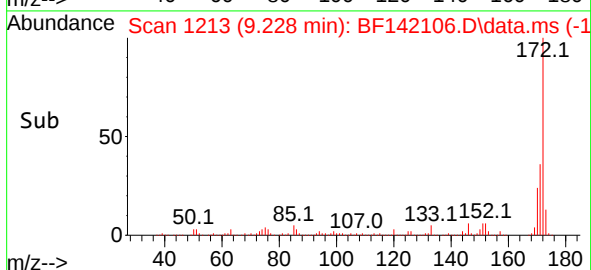
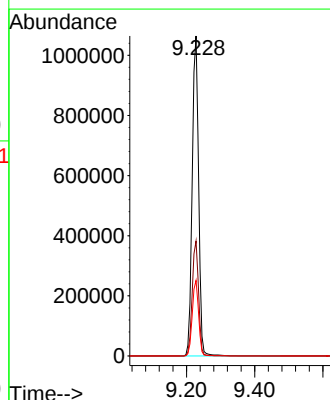
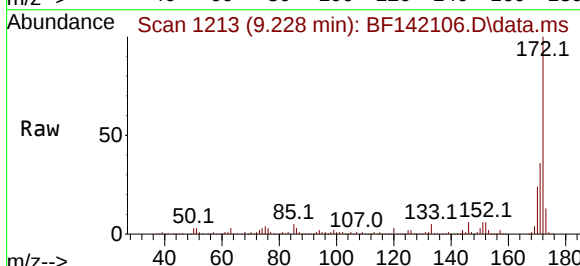
Tgt Ion:172 Resp: 1377410

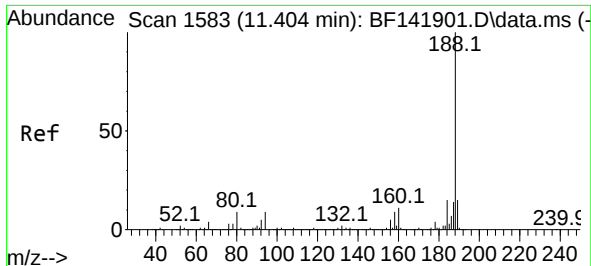
Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.6 19.4 29.0

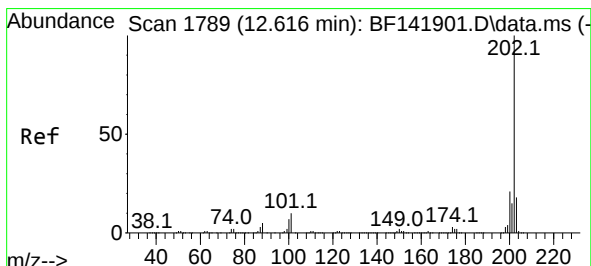
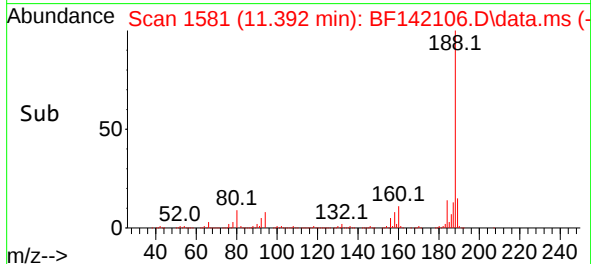
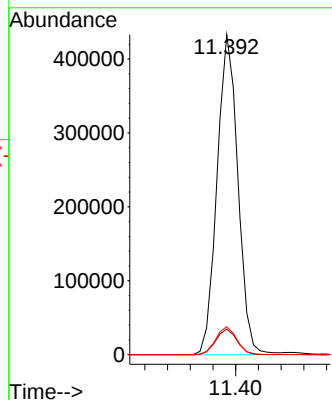
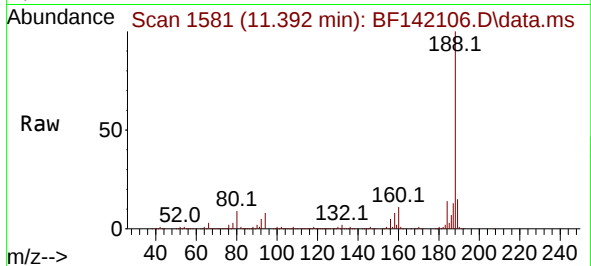




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

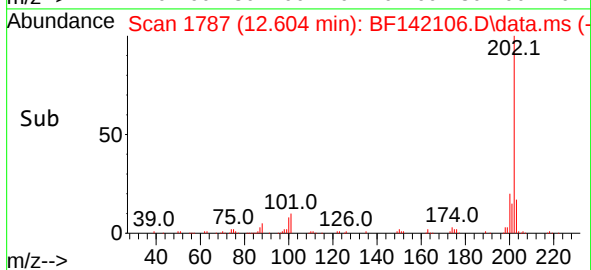
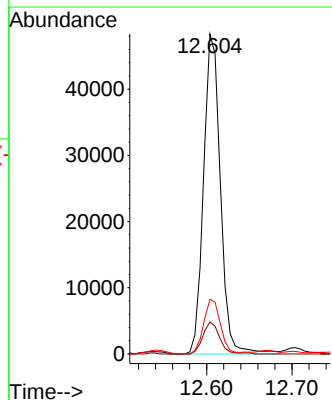
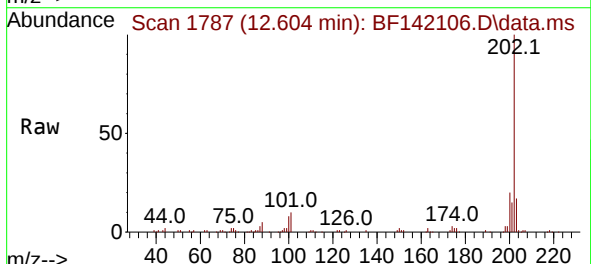
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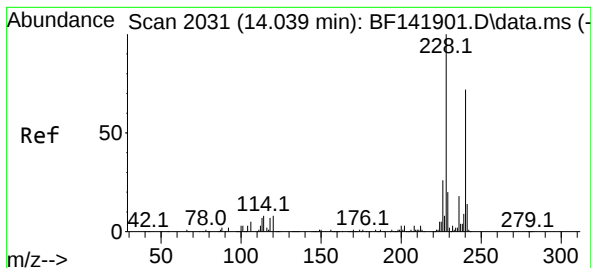
Tgt Ion:188 Resp: 552971
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.8 7.6 11.4



#75
Fluoranthene
Concen: 2.099 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF142106.D
Acq: 26 Mar 2025 19:38

Tgt Ion:202 Resp: 66505
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.7
203 17.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

Instrument :

BNA_F

ClientSampleId :

WC-3

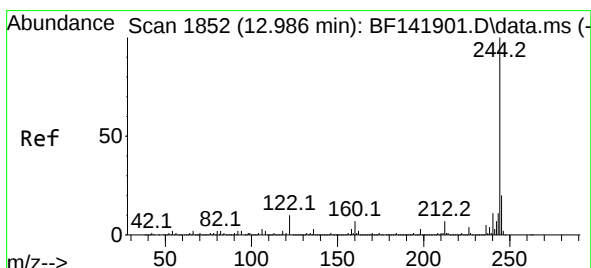
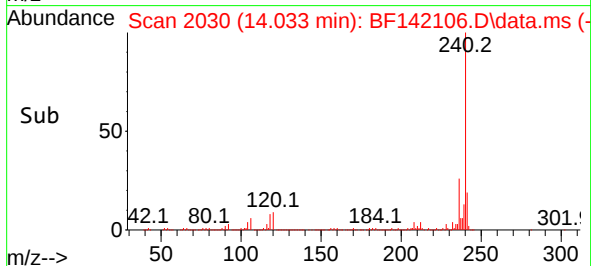
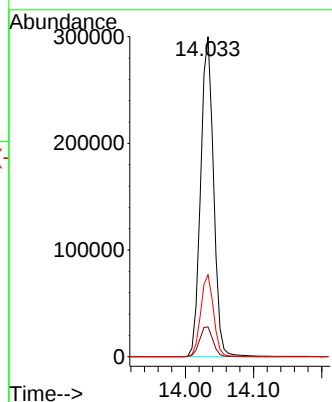
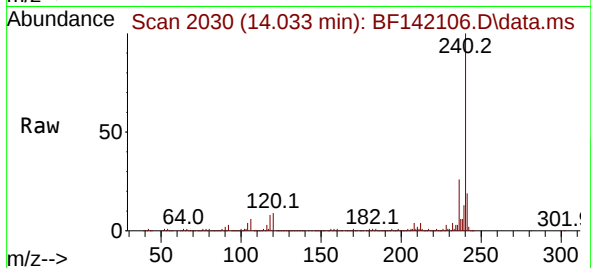
Tgt Ion:240 Resp: 395934

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 64.852 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142106.D

Acq: 26 Mar 2025 19:38

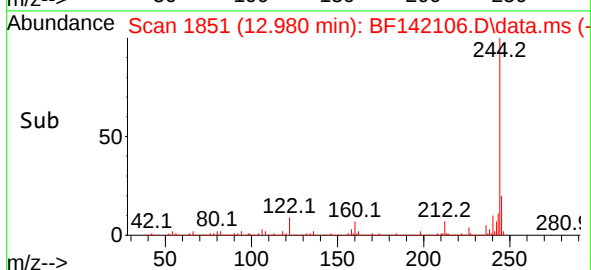
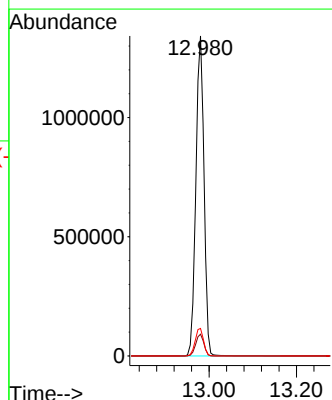
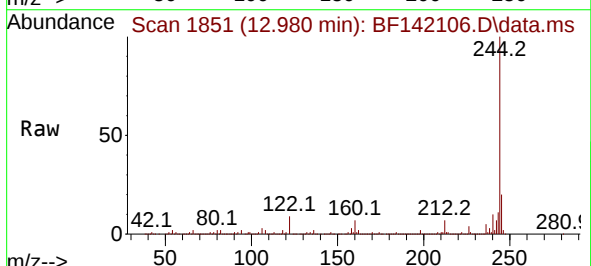
Tgt Ion:244 Resp: 1736767

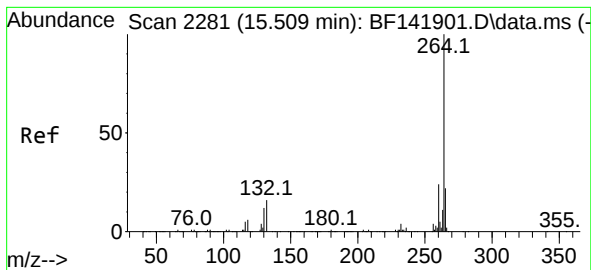
Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

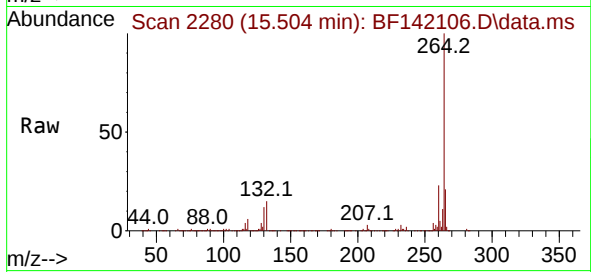
122 8.6 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142106.D
 Acq: 26 Mar 2025 19:38

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 327459
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.4 17.5 26.3

