

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142162.D
 Acq On : 28 Mar 2025 16:06
 Operator : RC/JU
 Sample : Q1645-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 28 16:41:40 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	132046	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	537218	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	301203	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	475926	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	288714	20.000	ng	0.00
86) Perylene-d12	15.509	264	298041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	975557	123.303	ng	0.00
7) Phenol-d6	6.498	99	1126127	111.790	ng	0.00
23) Nitrobenzene-d5	7.433	82	859274	90.013	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	564051	147.613	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1899506	95.908	ng	-0.01
79) Terphenyl-d14	12.980	244	1879240	96.233	ng	0.00

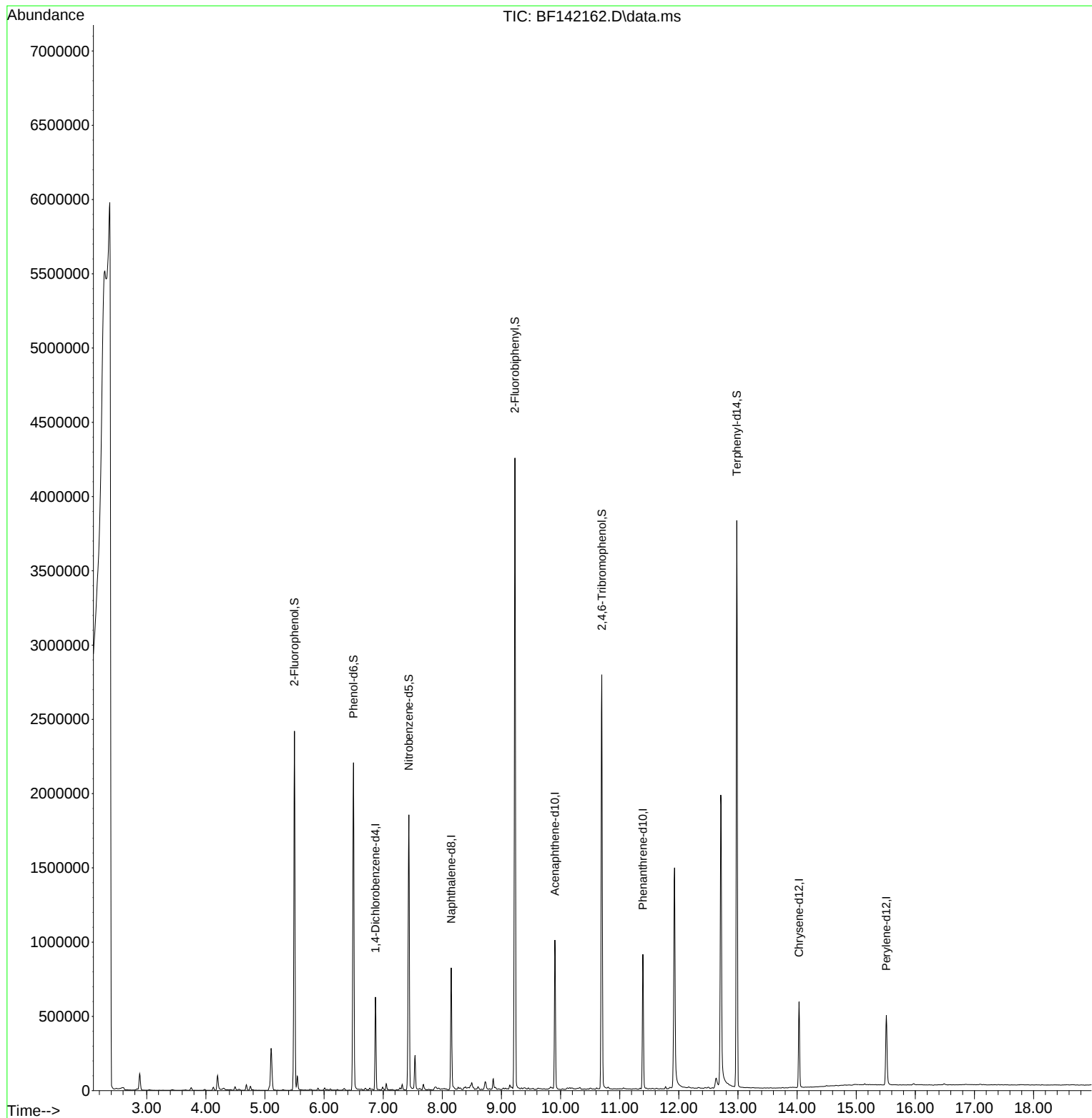
Target Compounds	Qvalue

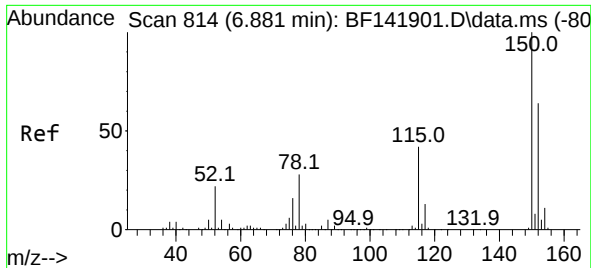
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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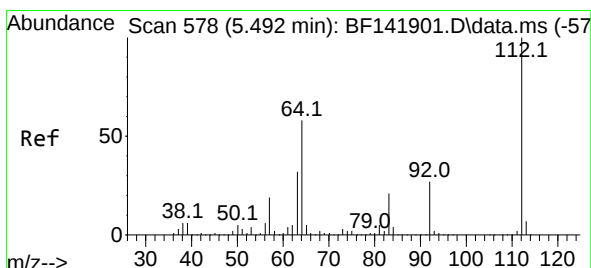
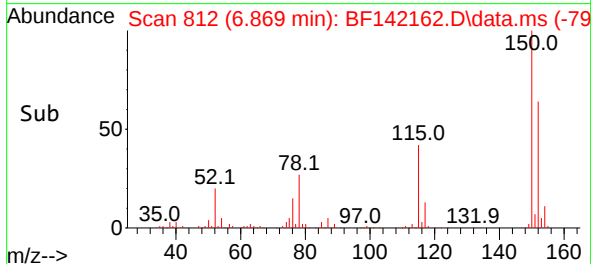
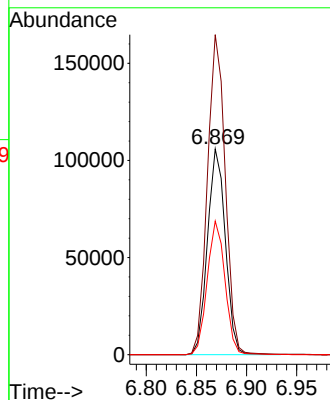
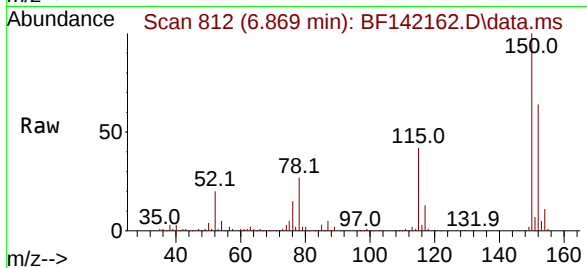




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142162.D
Acq: 28 Mar 2025 16:06

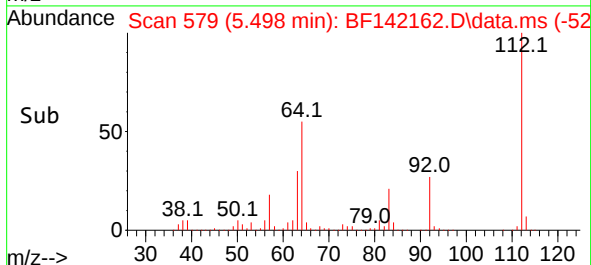
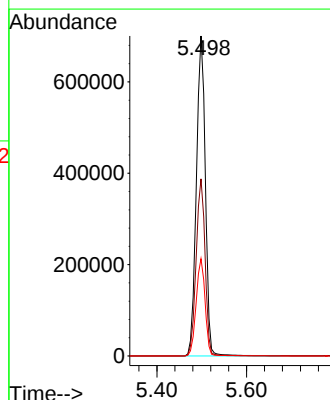
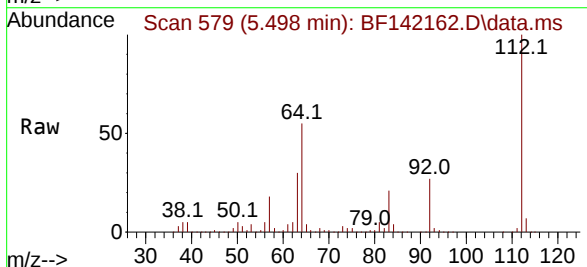
Instrument :
BNA_F
ClientSampleId :
TP-1

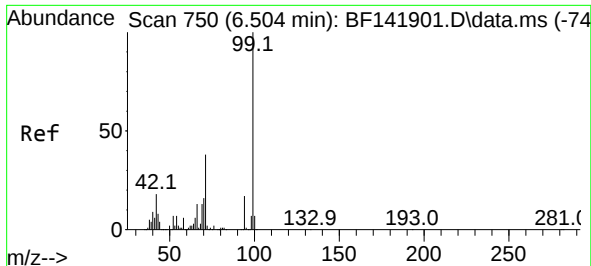
Tgt Ion:152 Resp: 132046
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.2
115 64.9 51.9 77.9



#5
2-Fluorophenol
Concen: 123.303 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142162.D
Acq: 28 Mar 2025 16:06

Tgt Ion:112 Resp: 975557
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 30.4 25.4 38.2





#7
Phenol-d6
Concen: 111.790 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142162.D
Acq: 28 Mar 2025 16:06

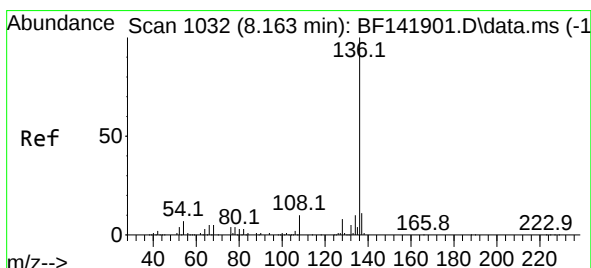
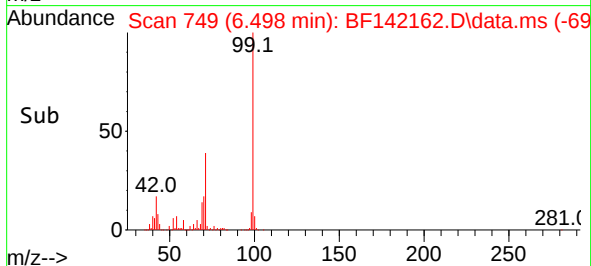
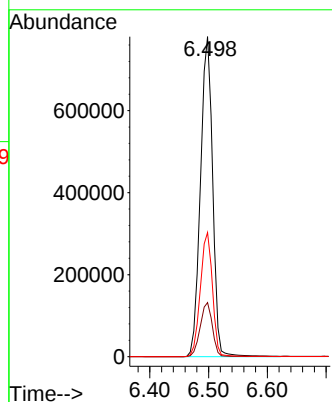
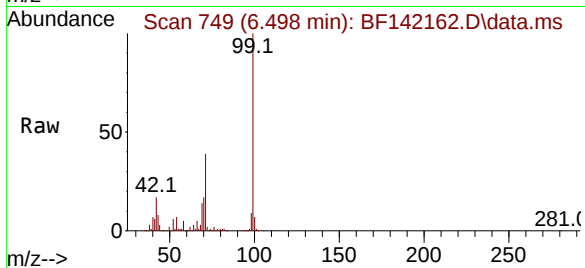
Instrument :

BNA_F

ClientSampleId :

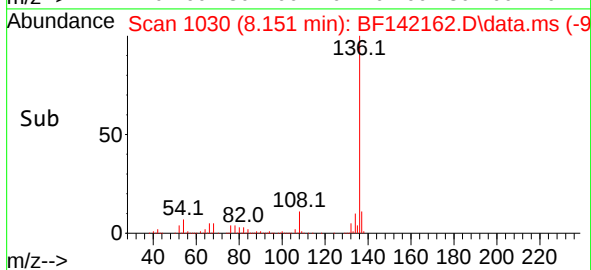
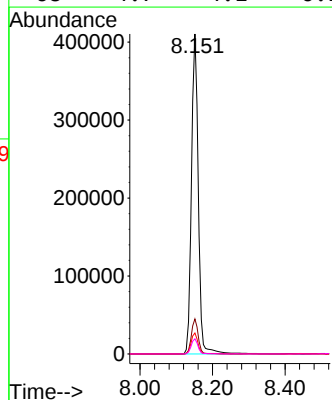
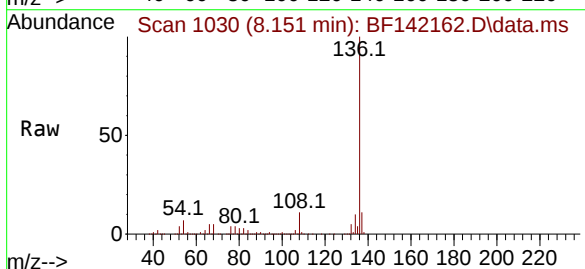
TP-1

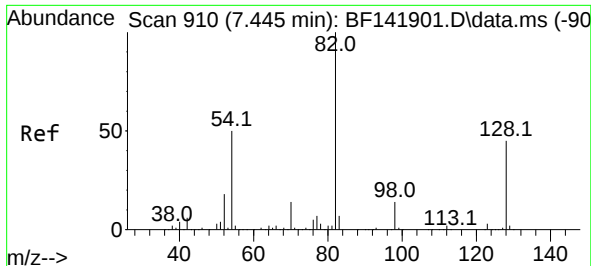
Tgt Ion: 99 Resp: 1126127
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142162.D
Acq: 28 Mar 2025 16:06

Tgt Ion:136 Resp: 537218
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 90.013 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142162.D

Acq: 28 Mar 2025 16:06

Instrument :

BNA_F

ClientSampleId :

TP-1

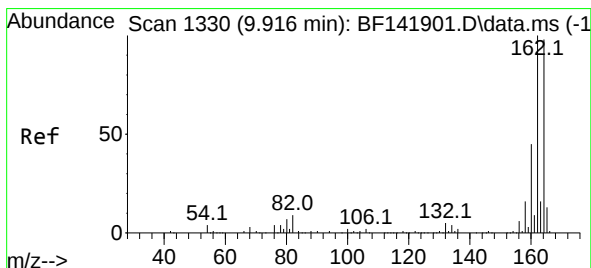
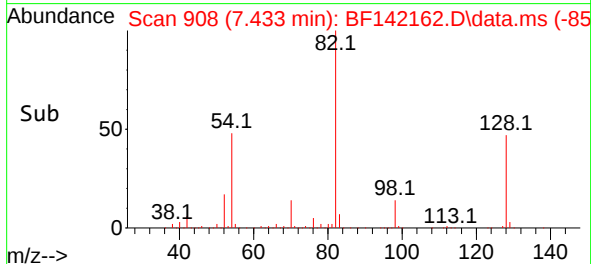
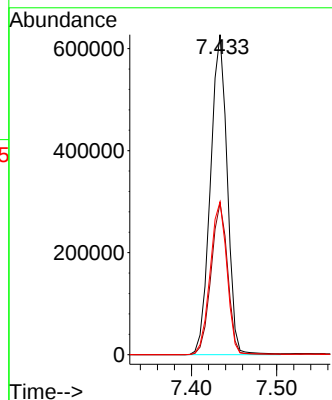
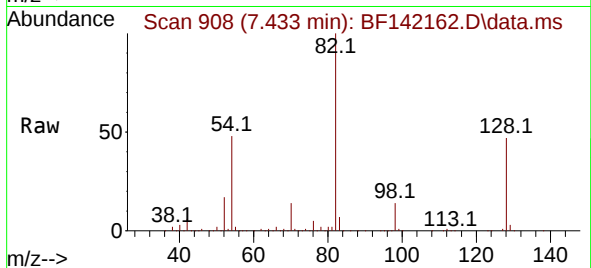
Tgt Ion: 82 Resp: 859274

Ion Ratio Lower Upper

82 100

128 47.4 36.0 54.0

54 47.8 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: BF142162.D

Acq: 28 Mar 2025 16:06

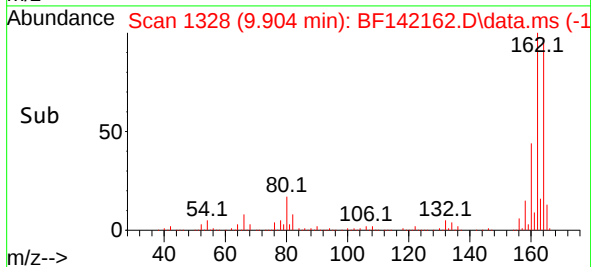
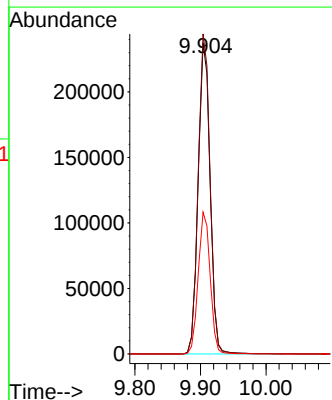
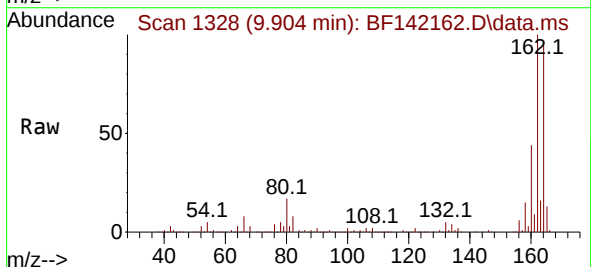
Tgt Ion:164 Resp: 301203

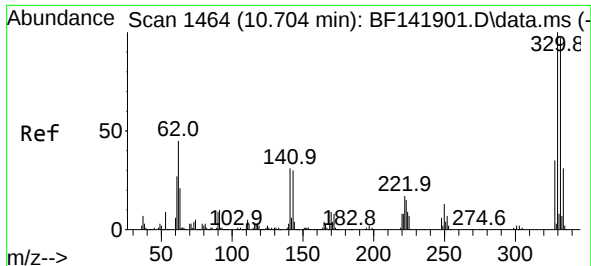
Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 45.6 36.7 55.1

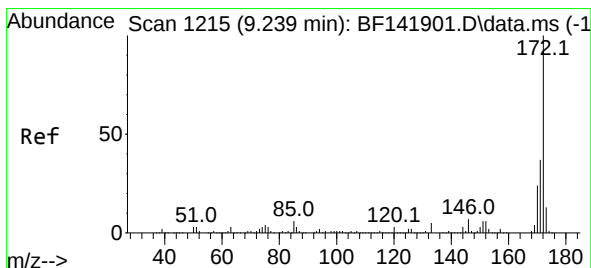
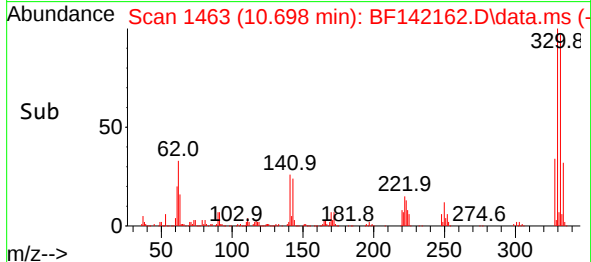
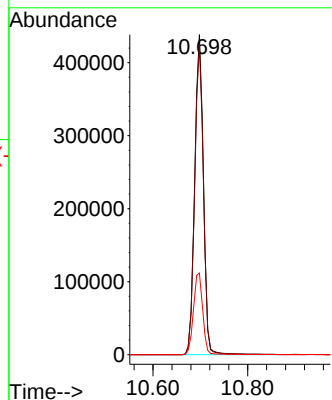
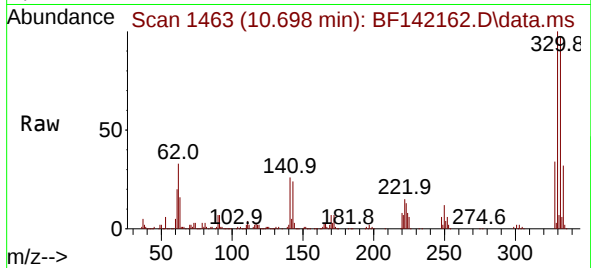




#42
 2,4,6-Tribromophenol
 Concen: 147.613 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142162.D
 Acq: 28 Mar 2025 16:06

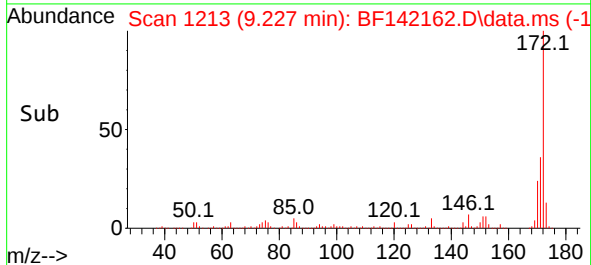
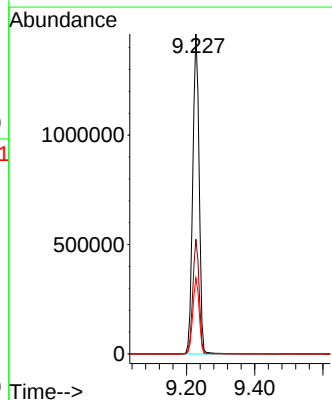
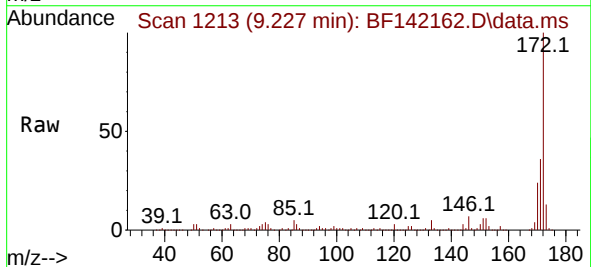
Instrument :
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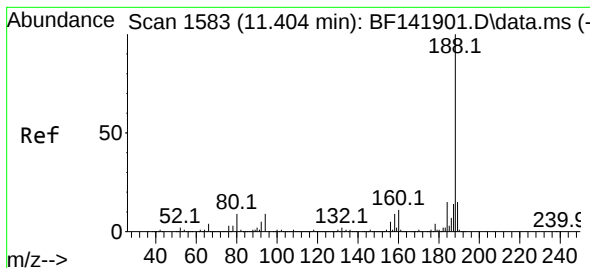
Tgt Ion:330 Resp: 564051
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 27.1 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 95.908 ng
 RT: 9.227 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142162.D
 Acq: 28 Mar 2025 16:06

Tgt Ion:172 Resp: 1899506
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142162.D

Acq: 28 Mar 2025 16:06

Instrument :

BNA_F

ClientSampleId :

TP-1

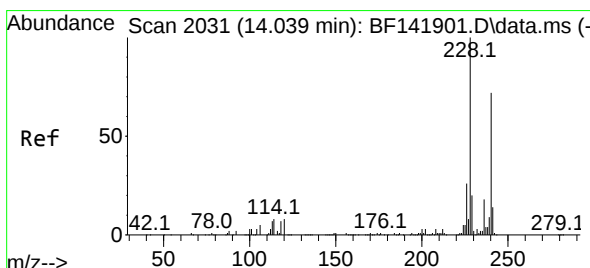
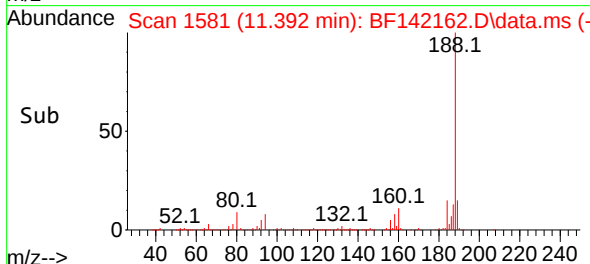
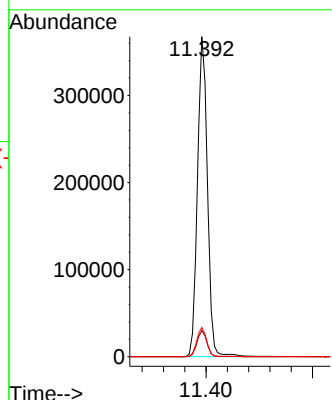
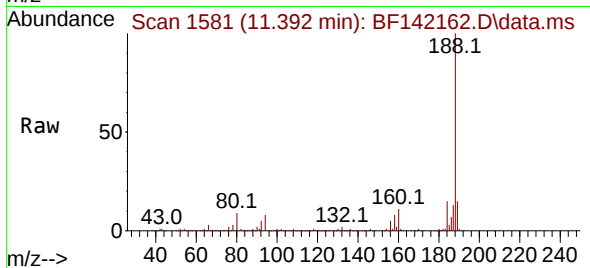
Tgt Ion:188 Resp: 475926

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 9.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142162.D

Acq: 28 Mar 2025 16:06

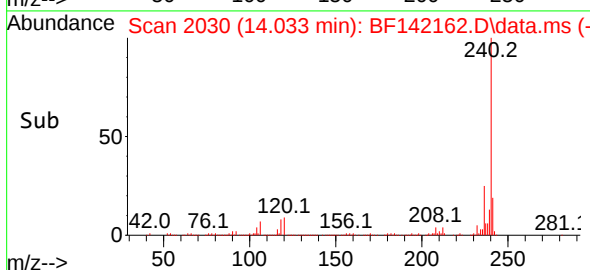
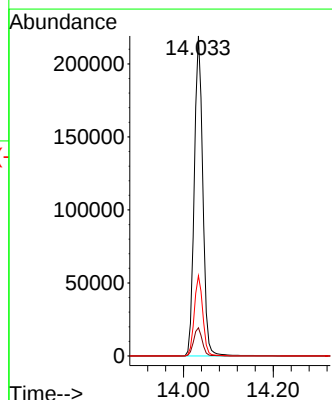
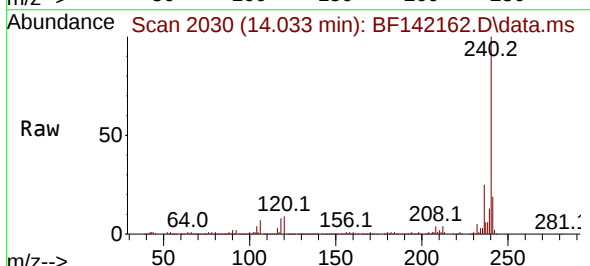
Tgt Ion:240 Resp: 288714

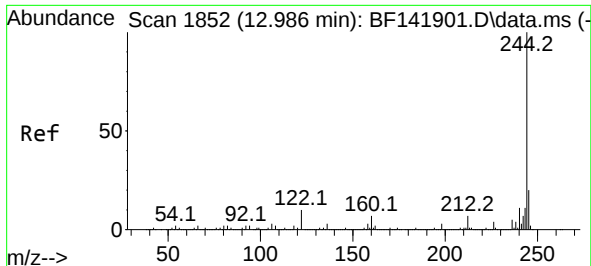
Ion Ratio Lower Upper

240 100

120 8.8 8.4 12.6

236 25.1 20.5 30.7

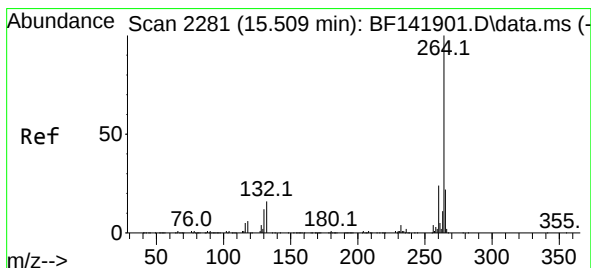
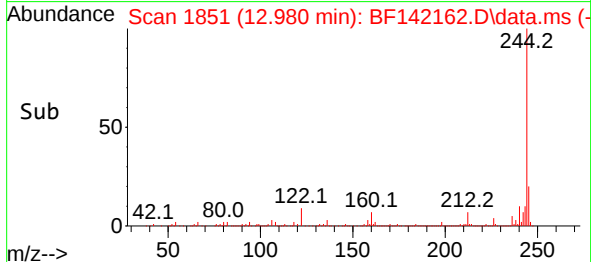
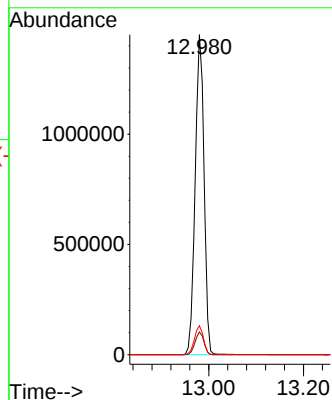
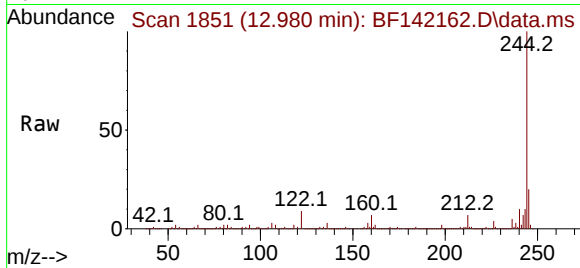




#79
 Terphenyl-d14
 Concen: 96.233 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142162.D
 Acq: 28 Mar 2025 16:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1879240
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: BF142162.D
 Acq: 28 Mar 2025 16:06

Tgt Ion:264 Resp: 298041
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 17.5 26.3

