

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141855.D
 Acq On : 05 Mar 2025 20:50
 Operator : RC/JU
 Sample : Q1481-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-K1311

Quant Time: Mar 06 00:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

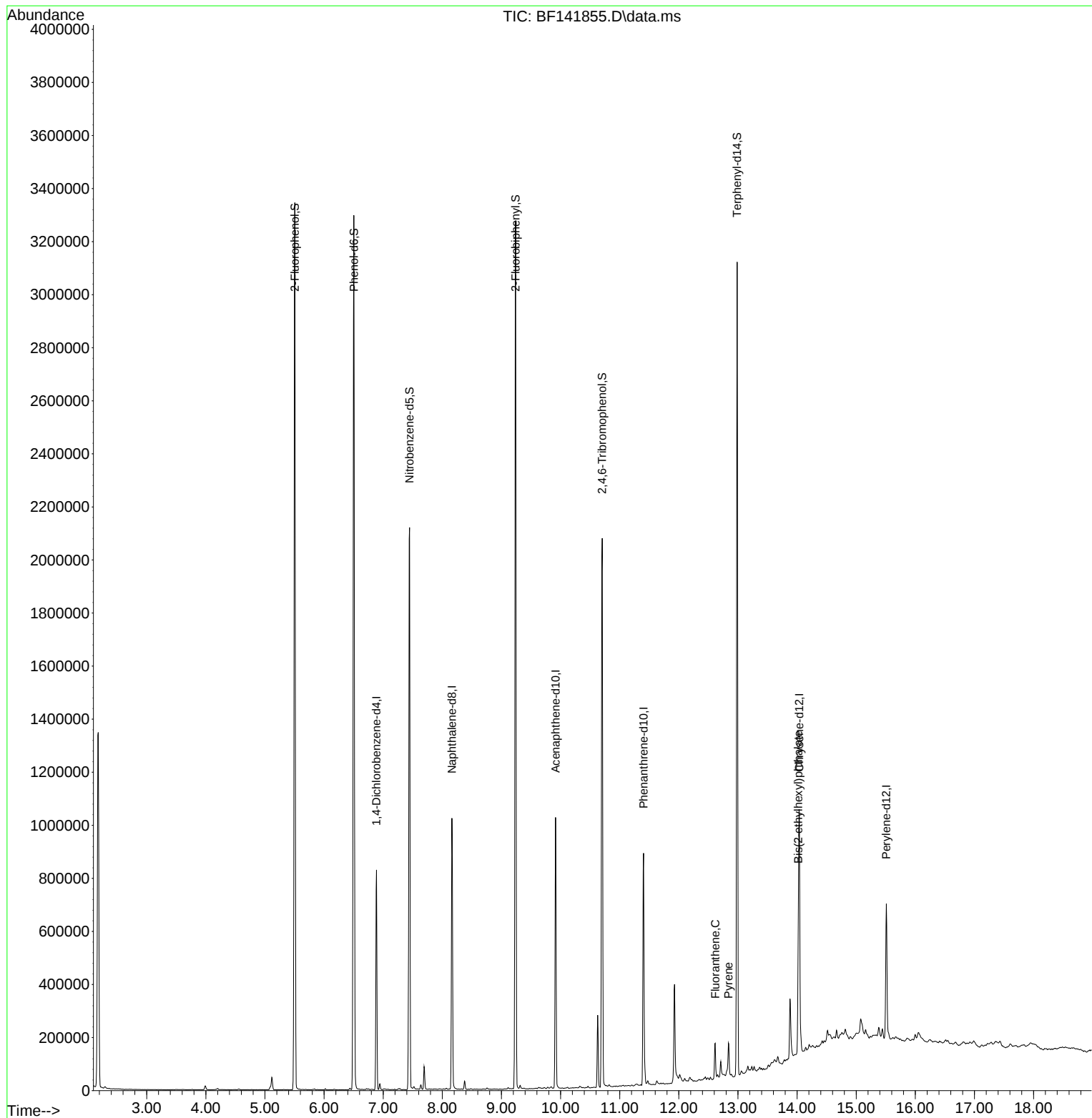
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	169412	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	621578	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	291548	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	443263	20.000	ng	0.00
76) Chrysene-d12	14.039	240	400805	20.000	ng	-0.01
86) Perylene-d12	15.509	264	289177	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1284542	121.089	ng	0.00
7) Phenol-d6	6.504	99	1592751	115.354	ng	0.00
23) Nitrobenzene-d5	7.445	82	973560	100.116	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	335411	122.542	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1422846	78.253	ng	0.00
79) Terphenyl-d14	12.986	244	1449628	58.517	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.616	202	75744	3.118	ng	98
78) Pyrene	12.839	202	72931	2.101	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	132759	8.455	ng	100

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

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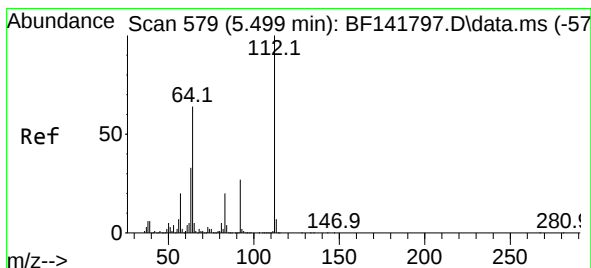
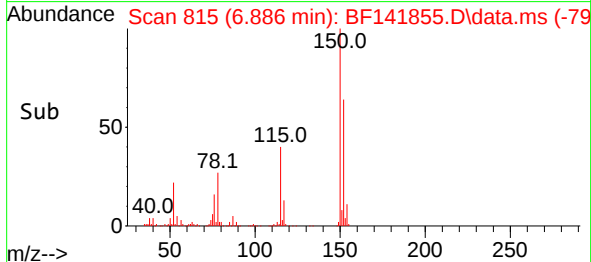
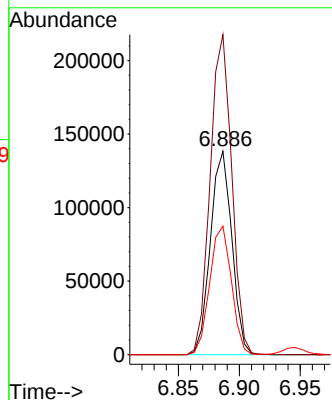
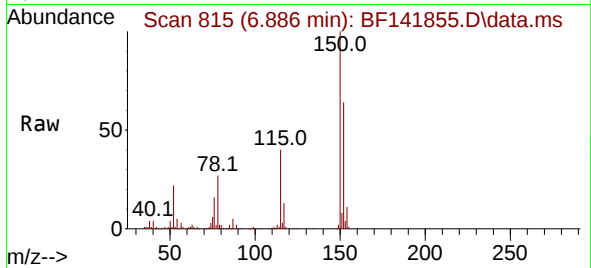




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.007 min
 Lab File: BF141855.D
 Acq: 05 Mar 2025 20:50

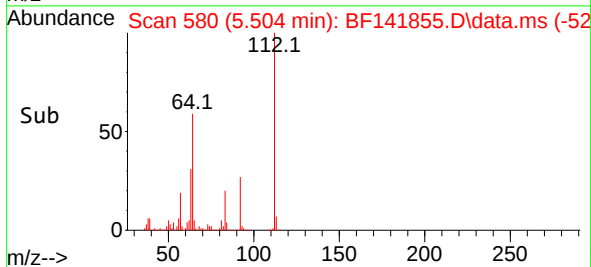
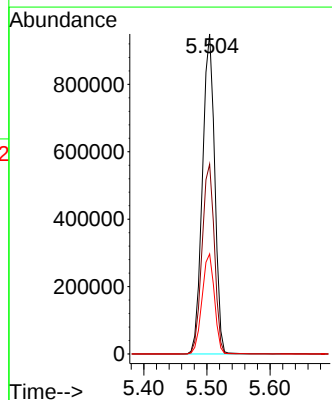
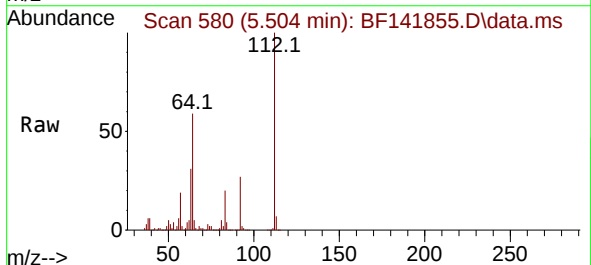
Instrument :
 BNA_F
 ClientSampleId :
 WC-K1311

Tgt Ion:152 Resp: 169412
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.5 191.3
 115 63.2 51.4 77.2



#5
 2-Fluorophenol
 Concen: 121.089 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF141855.D
 Acq: 05 Mar 2025 20:50

Tgt Ion:112 Resp: 1284542
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.3 76.9
 63 31.3 26.2 39.4

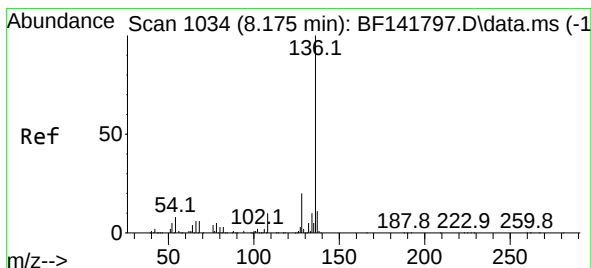
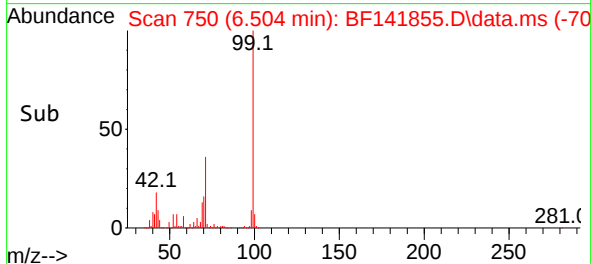
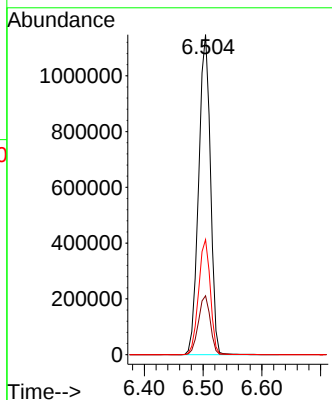
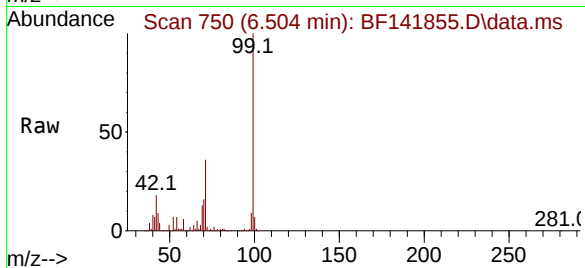




#7
Phenol-d6
Concen: 115.354 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141855.D
Acq: 05 Mar 2025 20:50

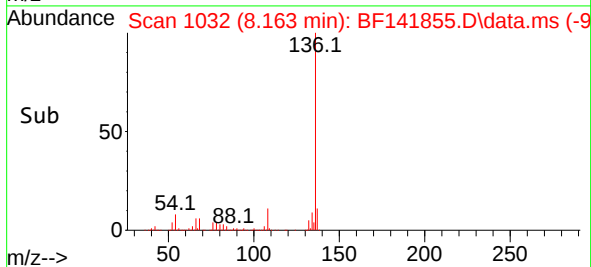
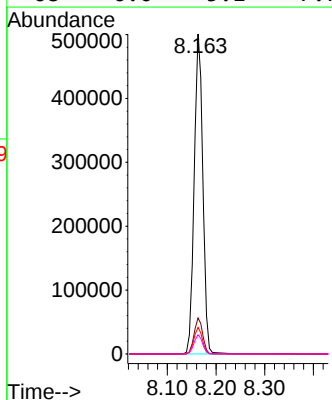
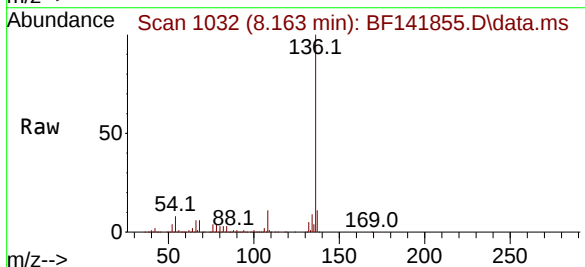
Instrument :
BNA_F
ClientSampleId :
WC-K1311

Tgt Ion: 99 Resp: 1592751
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 35.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141855.D
Acq: 05 Mar 2025 20:50

Tgt Ion: 136 Resp: 621578
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.3 6.9 10.3
68 6.0 5.1 7.7

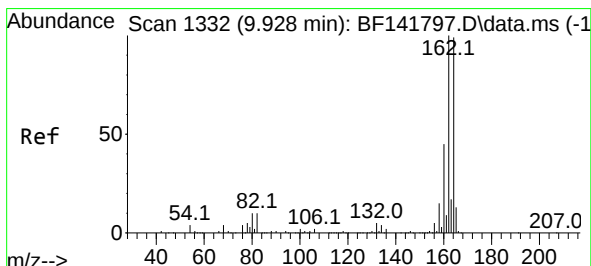
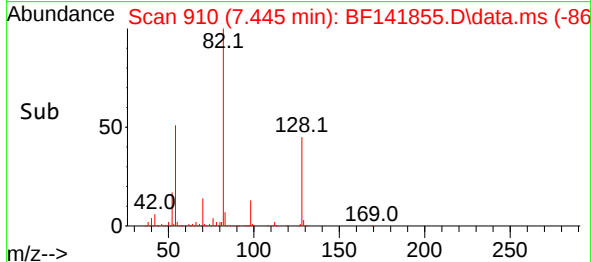
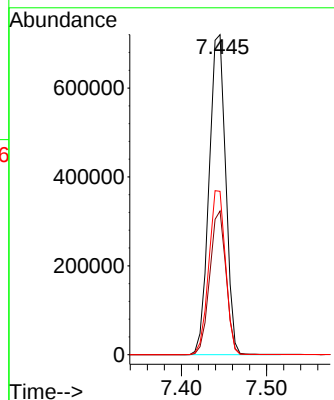
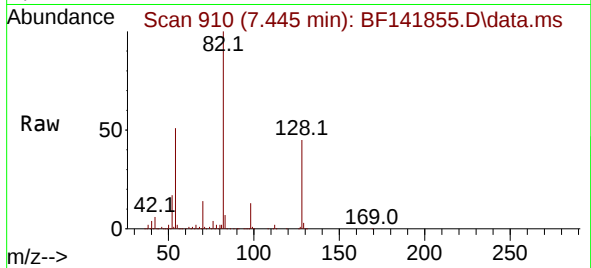




#23
 Nitrobenzene-d5
 Concen: 100.116 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF141855.D
 Acq: 05 Mar 2025 20:50

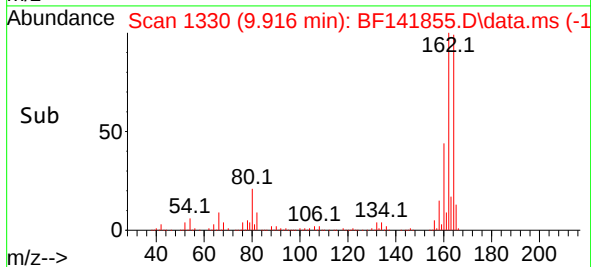
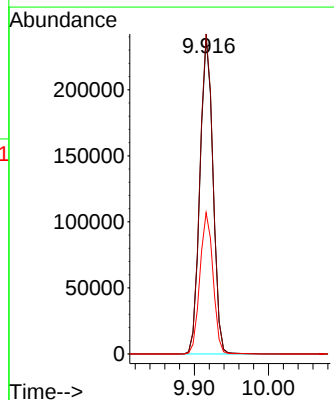
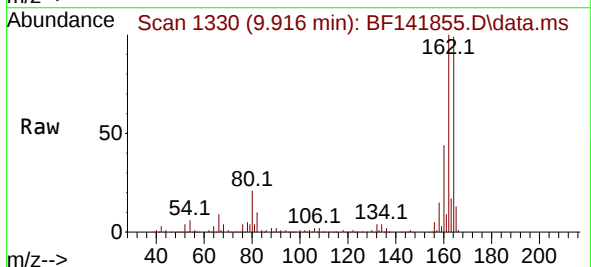
Instrument :
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 ClientSampleId :
 WC-K1311

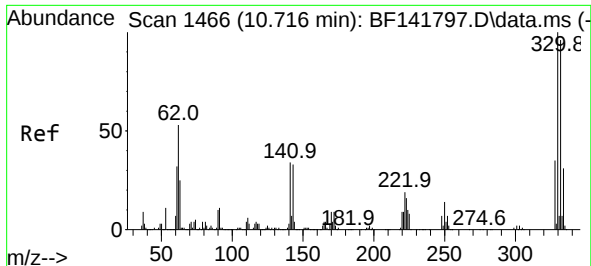
Tgt Ion: 82 Resp: 973560
 Ion Ratio Lower Upper
 82 100
 128 44.9 33.5 50.3
 54 51.1 42.7 64.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: BF141855.D
 Acq: 05 Mar 2025 20:50

Tgt Ion: 164 Resp: 291548
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.6 120.8
 160 44.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 122.542 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141855.D

Acq: 05 Mar 2025 20:50

Instrument :

BNA_F

ClientSampleId :

WC-K1311

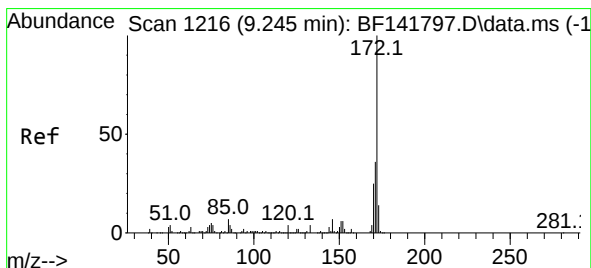
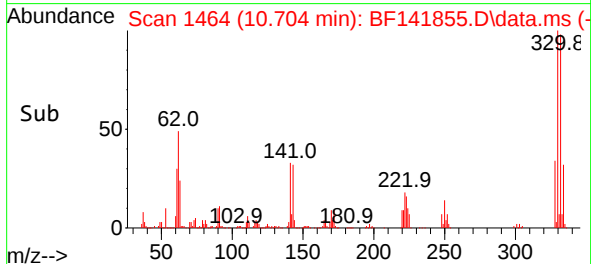
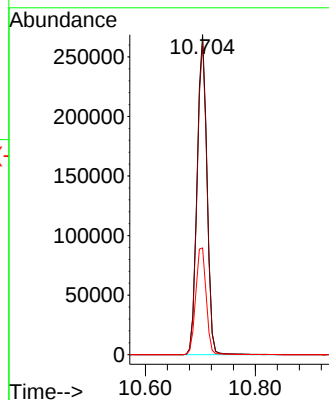
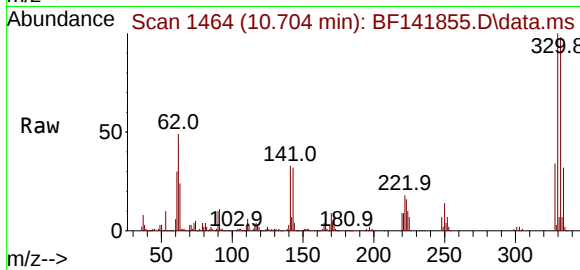
Tgt Ion:330 Resp: 335411

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

141 35.4 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 78.253 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141855.D

Acq: 05 Mar 2025 20:50

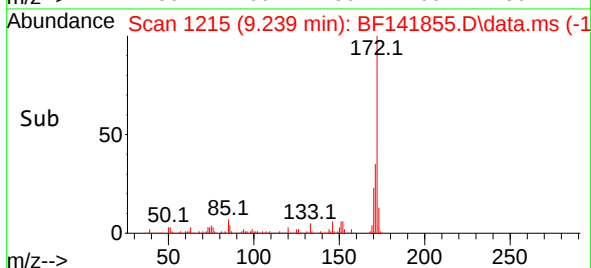
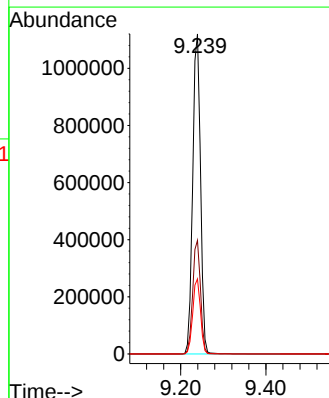
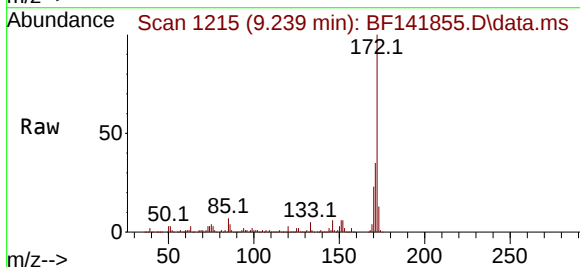
Tgt Ion:172 Resp: 1422846

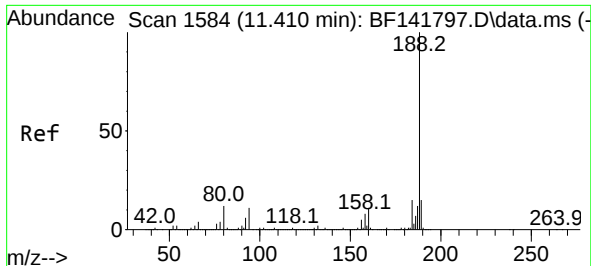
Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

170 23.4 19.7 29.5

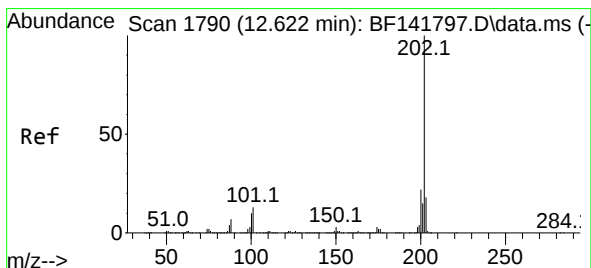
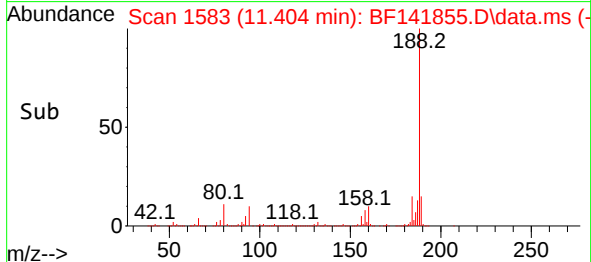
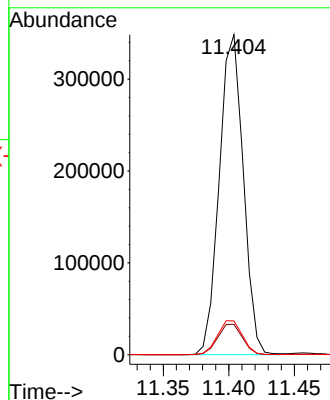
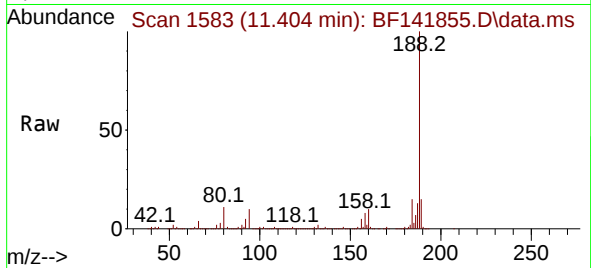




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141855.D
Acq: 05 Mar 2025 20:50

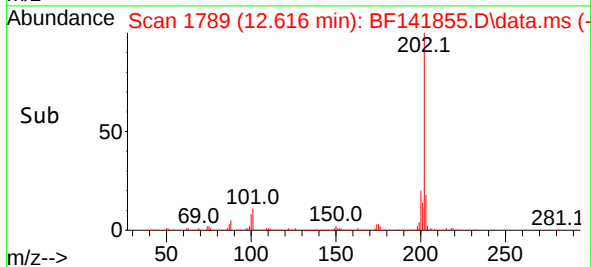
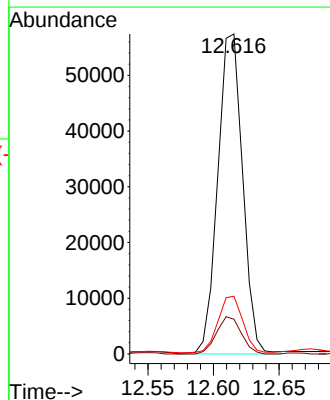
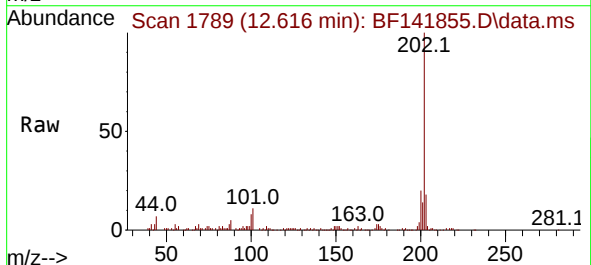
Instrument :
BNA_F
ClientSampleId :
WC-K1311

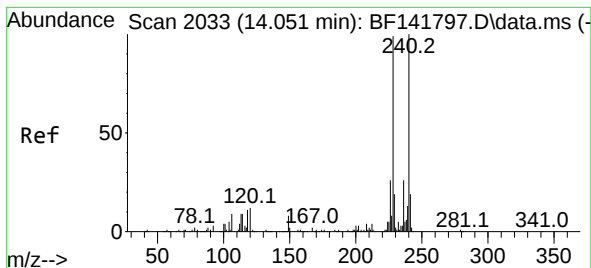
Tgt Ion:188 Resp: 443263
Ion Ratio Lower Upper
188 100
94 9.5 8.9 13.3
80 10.6 9.7 14.5



#75
Fluoranthene
Concen: 3.118 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141855.D
Acq: 05 Mar 2025 20:50

Tgt Ion:202 Resp: 75744
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.8
203 18.1 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141855.D

Acq: 05 Mar 2025 20:50

Instrument :

BNA_F

ClientSampleId :

WC-K1311

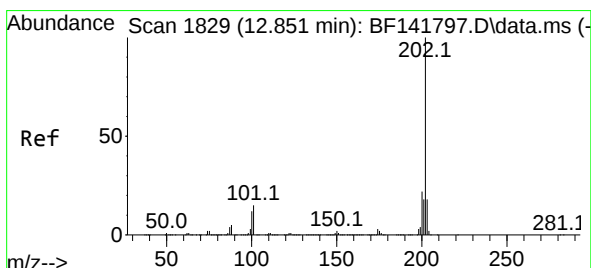
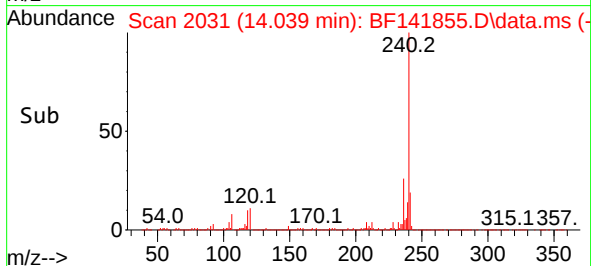
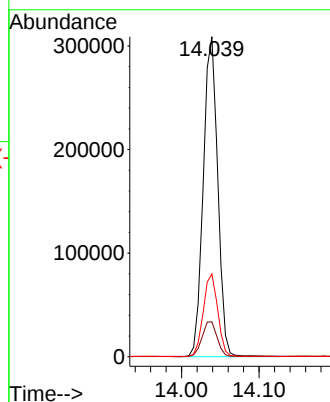
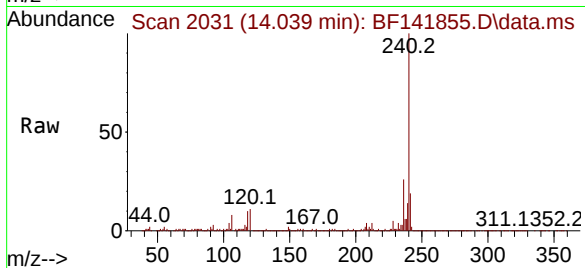
Tgt Ion:240 Resp: 400805

Ion Ratio Lower Upper

240 100

120 10.9 9.7 14.5

236 25.8 21.0 31.4



#78

Pyrene

Concen: 2.101 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF141855.D

Acq: 05 Mar 2025 20:50

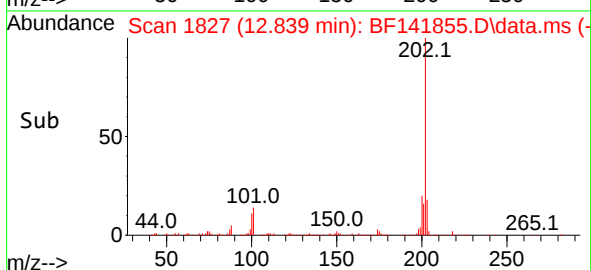
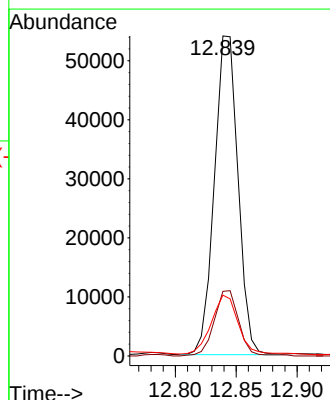
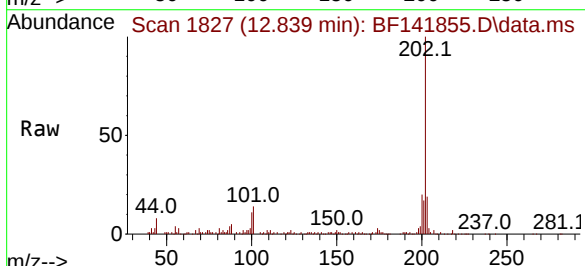
Tgt Ion:202 Resp: 72931

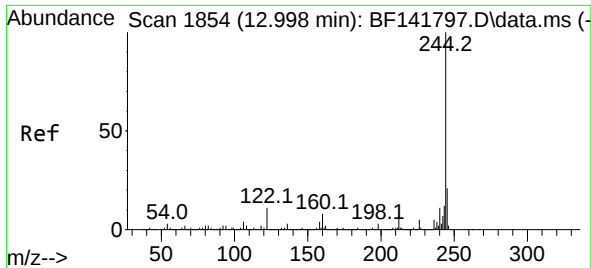
Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.0

203 19.0 14.6 22.0

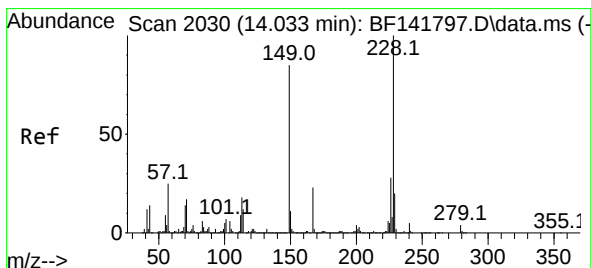
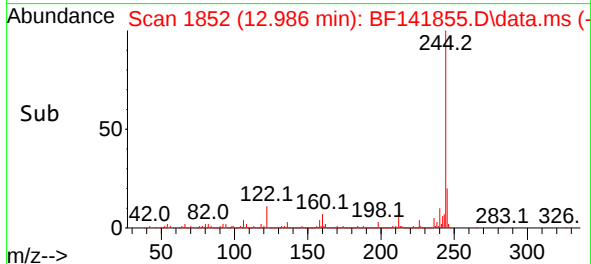
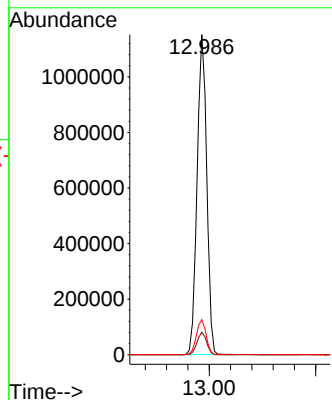
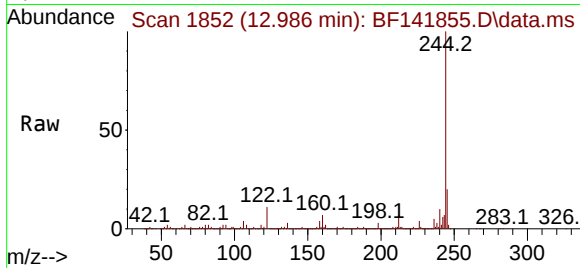




#79
 Terphenyl-d14
 Concen: 58.517 ng
 RT: 12.986 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF141855.D
 Acq: 05 Mar 2025 20:50

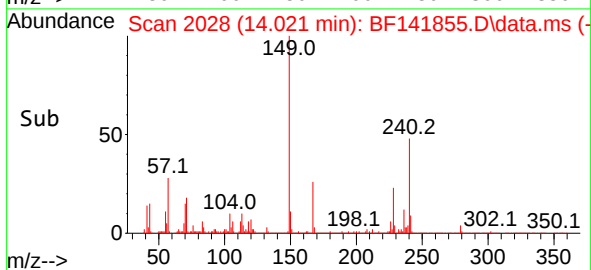
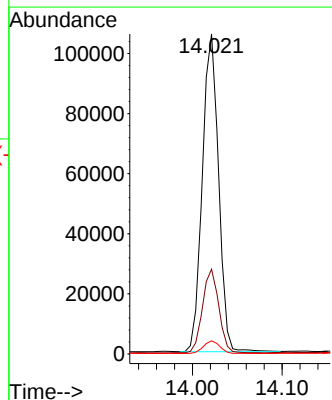
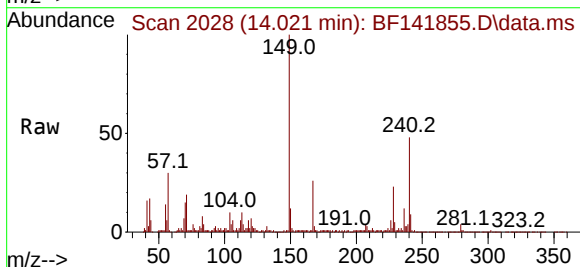
Instrument :
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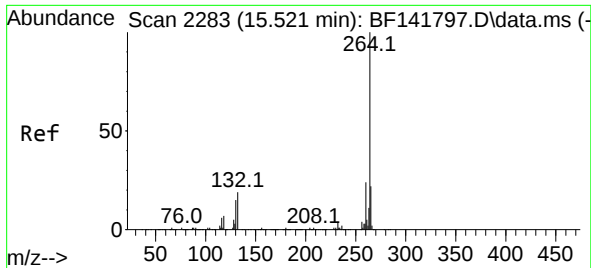
Tgt Ion:244 Resp: 1449628
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.0 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.455 ng
 RT: 14.021 min Scan# 2028
 Delta R.T. -0.012 min
 Lab File: BF141855.D
 Acq: 05 Mar 2025 20:50

Tgt Ion:149 Resp: 132759
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.2 31.8
 279 4.1 3.3 4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141855.D
Acq: 05 Mar 2025 20:50

Instrument :
BNA_F
ClientSampleId :
WC-K1311

Tgt Ion:264 Resp: 289177

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.8	17.4	26.0

