

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141864.D
 Acq On : 06 Mar 2025 13:01
 Operator : RC/JU
 Sample : Q1488-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-102-SB02

Quant Time: Mar 06 15:50:42 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	6.887	152	163469	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	639781	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	350300	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	621587	20.000	ng	0.00
76) Chrysene-d12	14.039	240	547828	20.000	ng	-0.01
86) Perylene-d12	15.509	264	479609	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	938894	91.724	ng	0.00
7) Phenol-d6	6.498	99	1205625	90.491	ng	-0.01
23) Nitrobenzene-d5	7.439	82	771678	77.098	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	386471	117.516	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1491514	68.272	ng	0.00
79) Terphenyl-d14	12.986	244	1977777	58.410	ng	-0.01

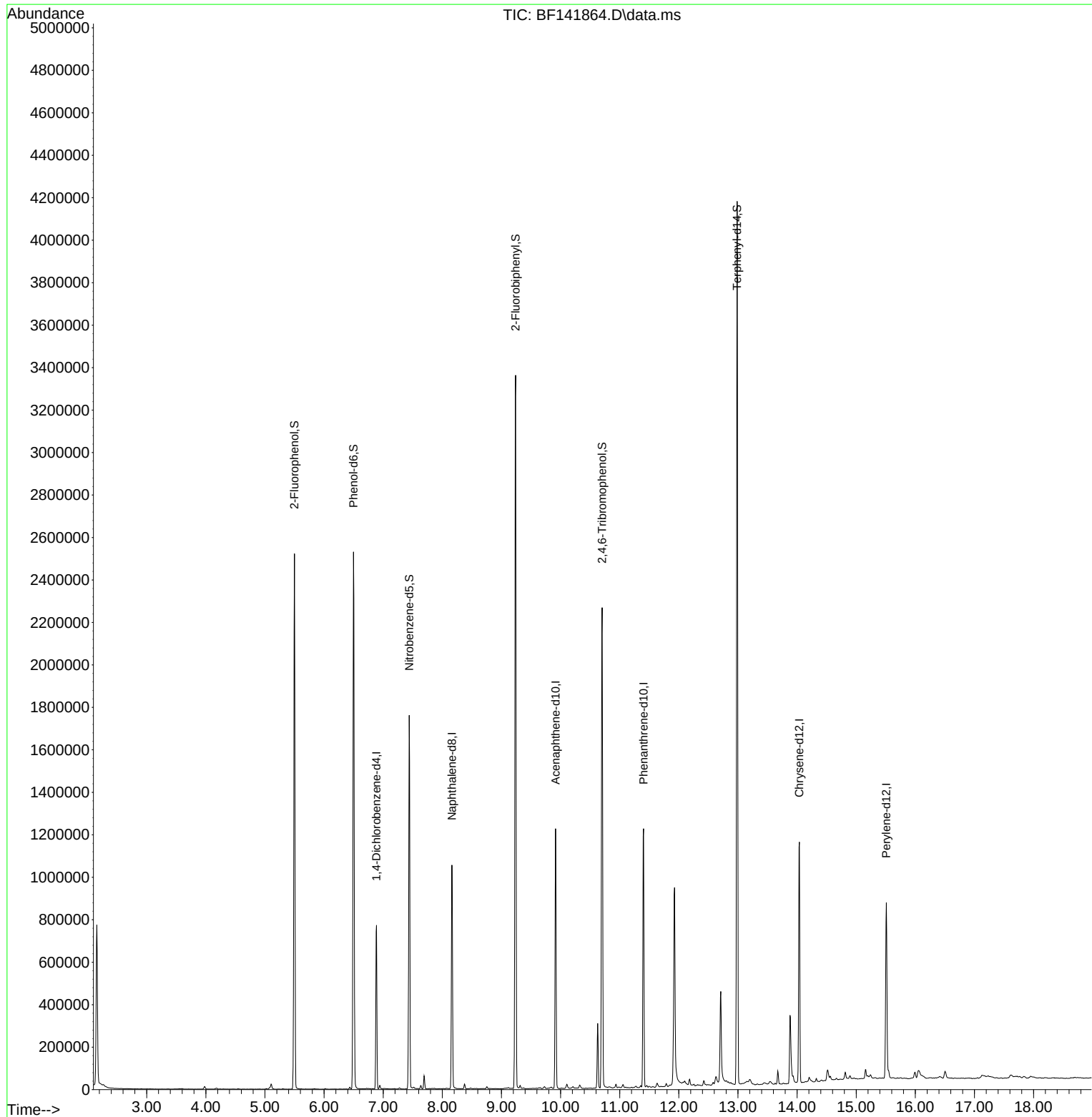
Target Compounds	Qvalue

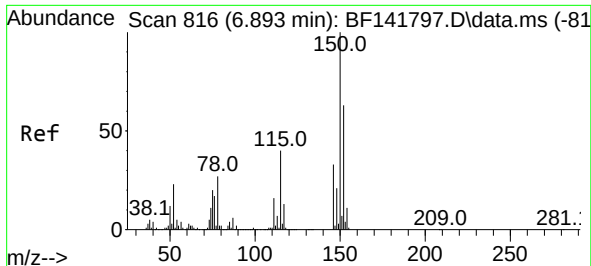
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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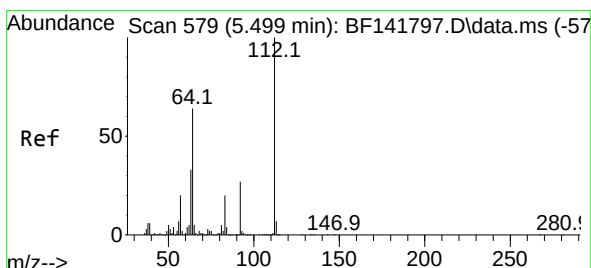
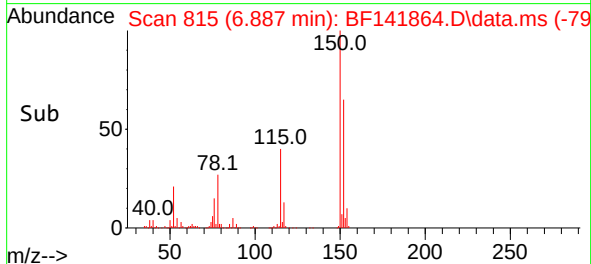
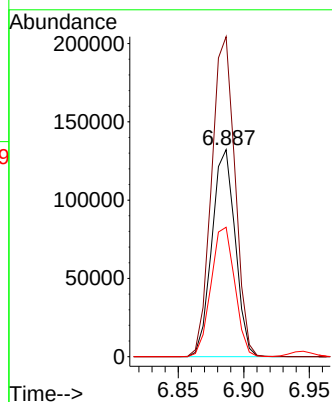
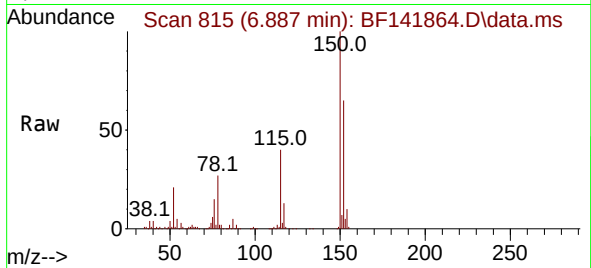




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141864.D
 Acq: 06 Mar 2025 13:01

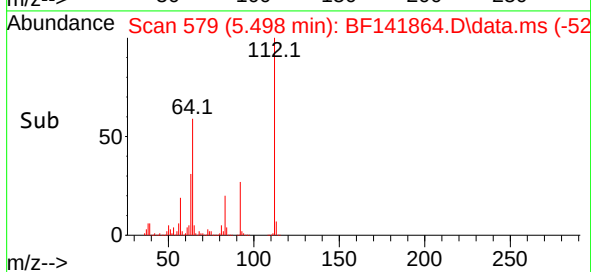
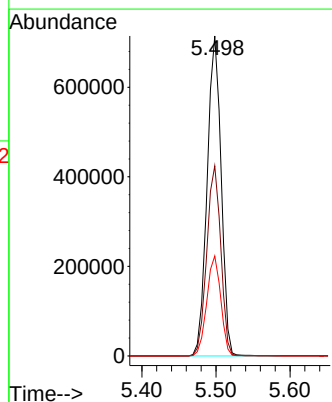
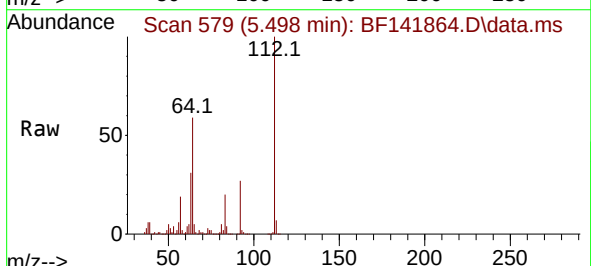
Instrument :
 BNA_F
 ClientSampleId :
 ENV-102-SB02

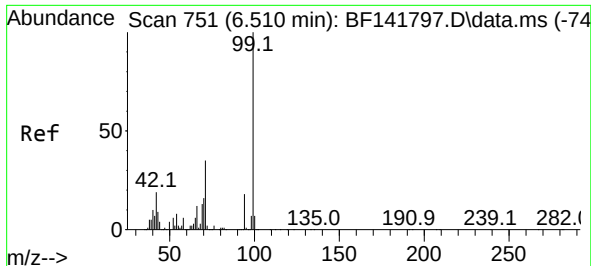
Tgt Ion:152 Resp: 163469
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.5 191.3
 115 62.5 51.4 77.2



#5
 2-Fluorophenol
 Concen: 91.724 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141864.D
 Acq: 06 Mar 2025 13:01

Tgt Ion:112 Resp: 938894
 Ion Ratio Lower Upper
 112 100
 64 59.4 51.3 76.9
 63 31.2 26.2 39.4

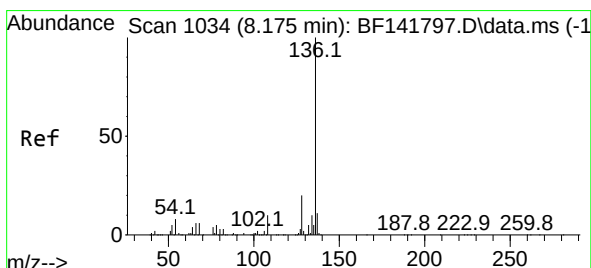
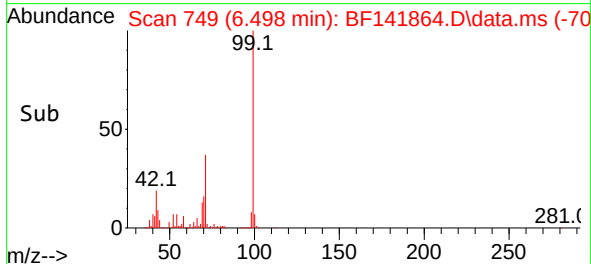
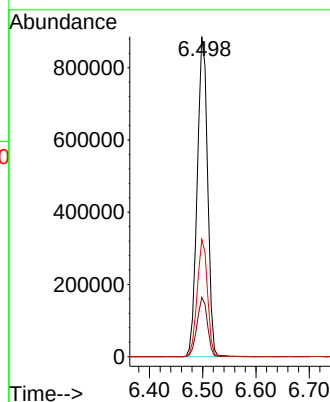
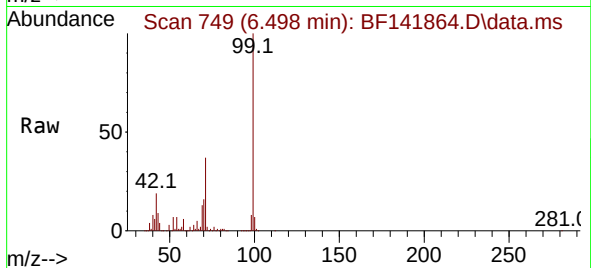




#7
Phenol-d6
Concen: 90.491 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141864.D
Acq: 06 Mar 2025 13:01

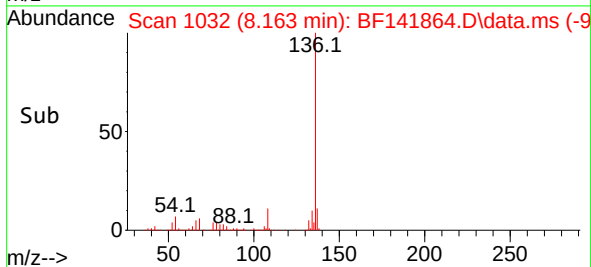
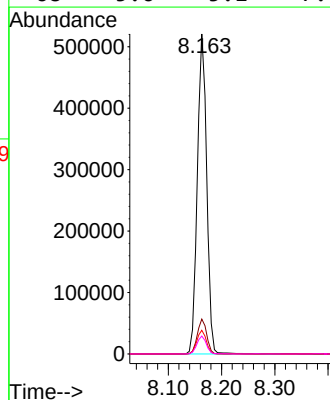
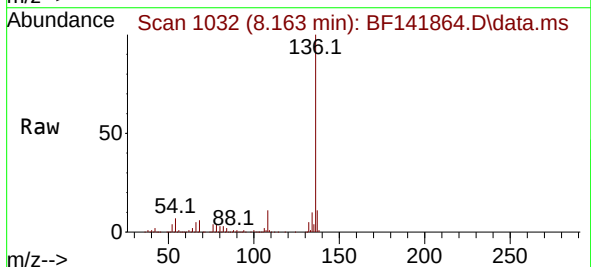
Instrument :
BNA_F
ClientSampleId :
ENV-102-SB02

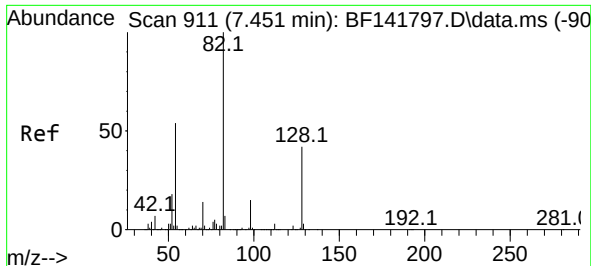
Tgt Ion: 99 Resp: 1205625
Ion Ratio Lower Upper
99 100
42 18.5 15.2 22.8
71 36.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141864.D
Acq: 06 Mar 2025 13:01

Tgt Ion:136 Resp: 639781
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.9 10.3
68 5.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 77.098 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141864.D

Acq: 06 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

ENV-102-SB02

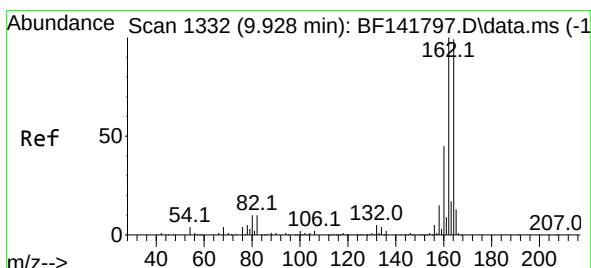
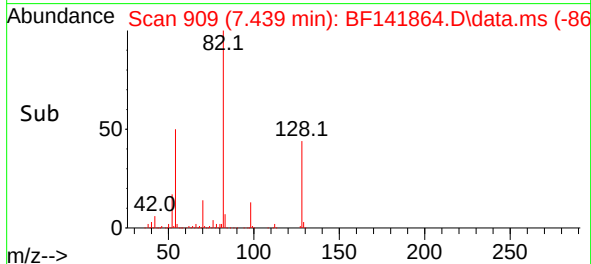
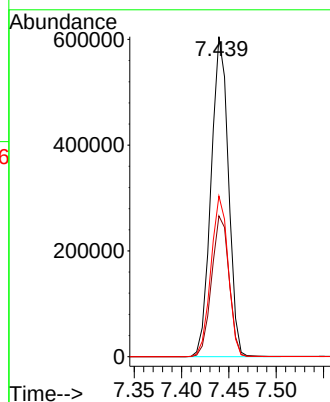
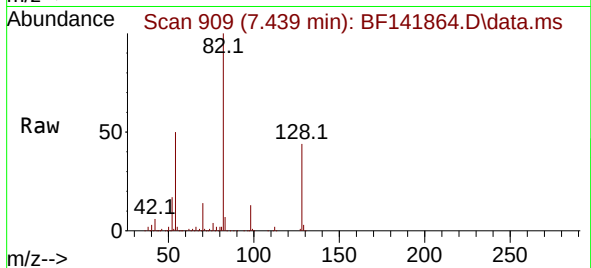
Tgt Ion: 82 Resp: 771678

Ion Ratio Lower Upper

82 100

128 44.0 33.5 50.3

54 50.2 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: BF141864.D

Acq: 06 Mar 2025 13:01

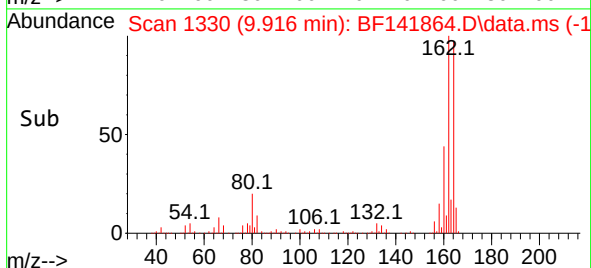
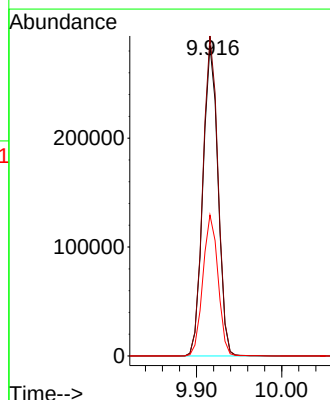
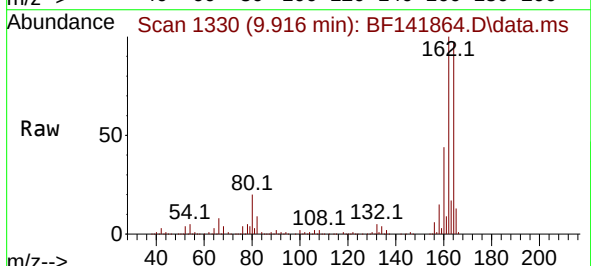
Tgt Ion: 164 Resp: 350300

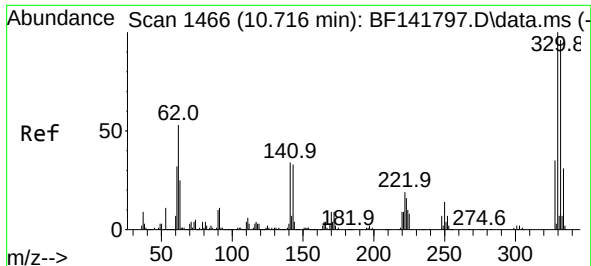
Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

160 45.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 117.516 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141864.D

Acq: 06 Mar 2025 13:01

Instrument :

BNA_F

ClientSampleId :

ENV-102-SB02

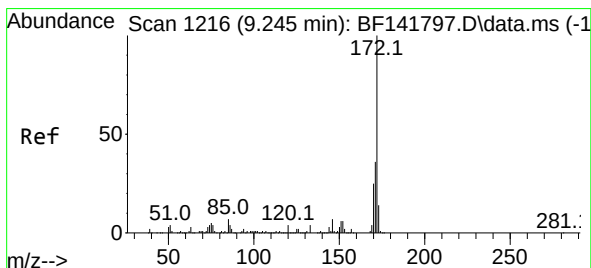
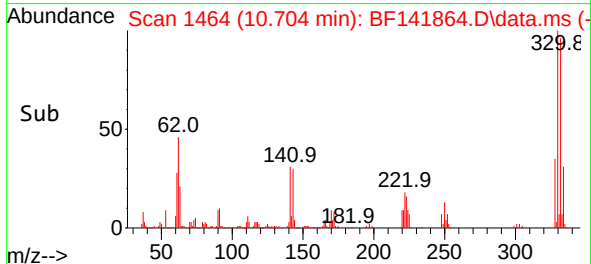
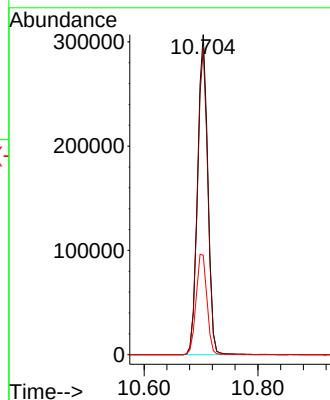
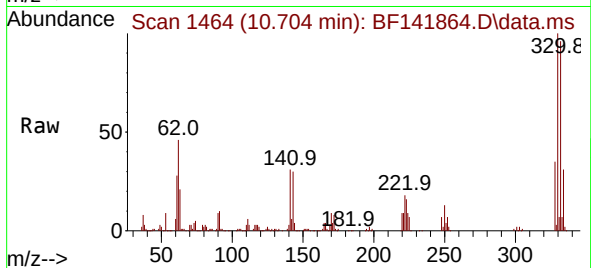
Tgt Ion:330 Resp: 386471

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 33.2 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 68.272 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141864.D

Acq: 06 Mar 2025 13:01

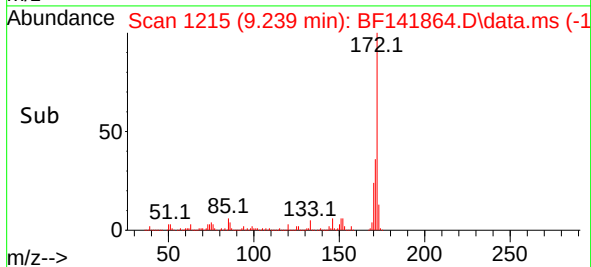
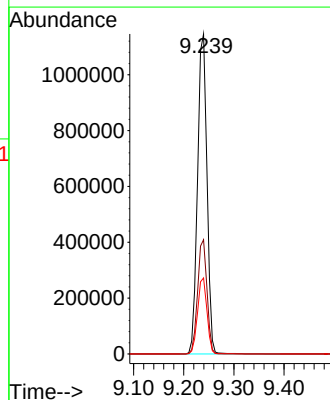
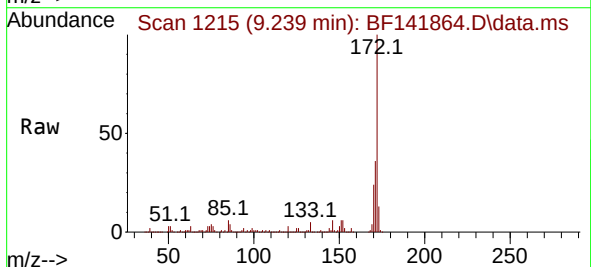
Tgt Ion:172 Resp: 1491514

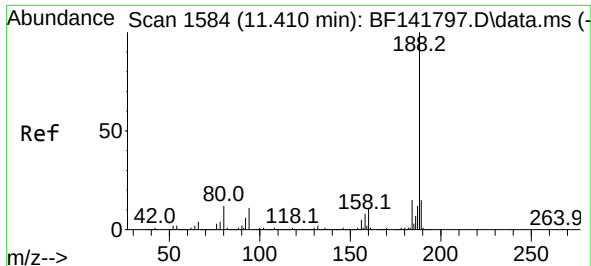
Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.8 19.7 29.5

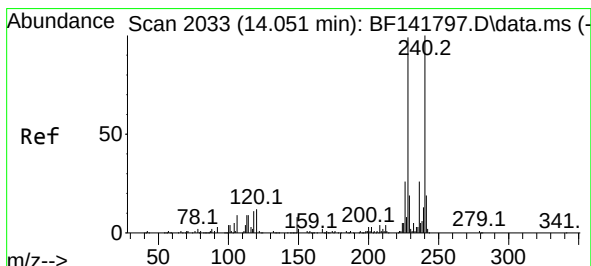
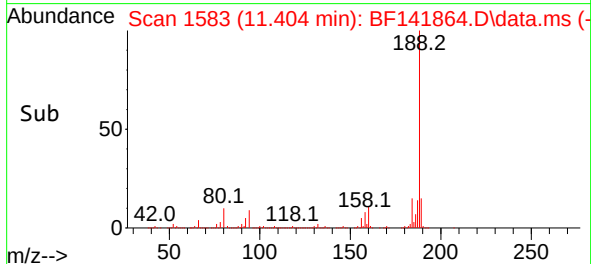
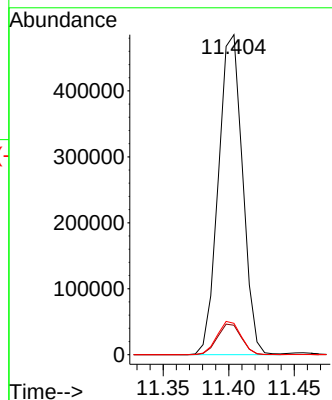
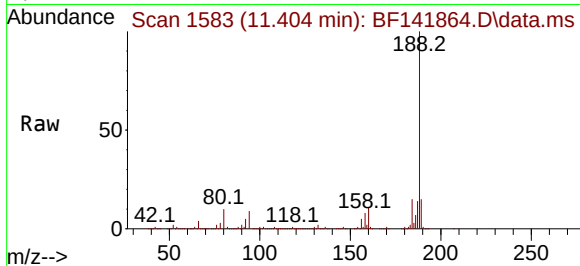




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141864.D
Acq: 06 Mar 2025 13:01

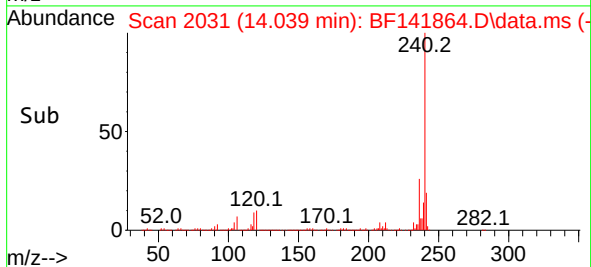
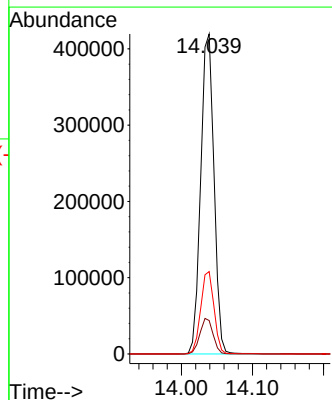
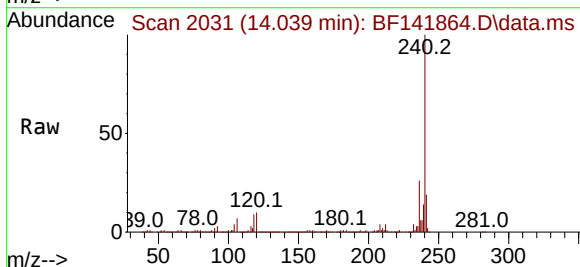
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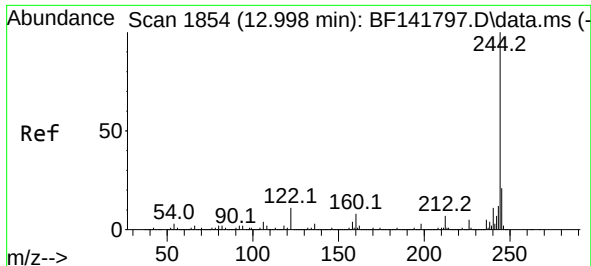
Tgt Ion:188 Resp: 621587
Ion Ratio Lower Upper
188 100
94 9.2 8.9 13.3
80 9.8 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141864.D
Acq: 06 Mar 2025 13:01

Tgt Ion:240 Resp: 547828
Ion Ratio Lower Upper
240 100
120 10.4 9.7 14.5
236 25.8 21.0 31.4

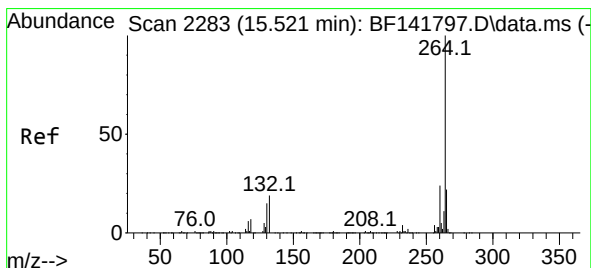
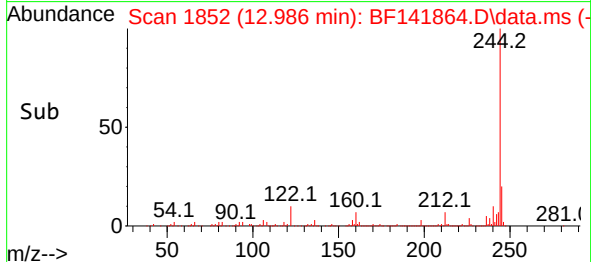
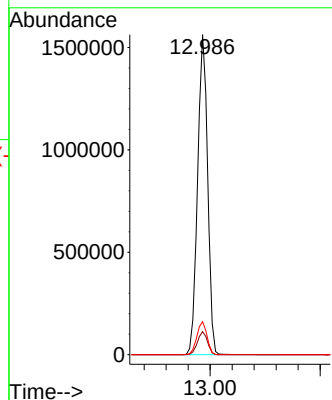
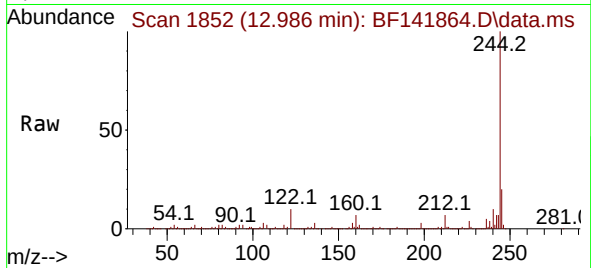




#79
 Terphenyl-d14
 Concen: 58.410 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF141864.D
 Acq: 06 Mar 2025 13:01

Instrument :
 BNA_F
 ClientSampleId :
 ENV-102-SB02

Tgt Ion:244 Resp: 1977777
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141864.D
 Acq: 06 Mar 2025 13:01

Tgt Ion:264 Resp: 479609
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.8 17.4 26.0

