

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144385.D
 Acq On : 01 Dec 2025 14:11
 Operator : RC/JU
 Sample : PB170763BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170763BL

Quant Time: Dec 01 14:46:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58345	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	230427	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	129664	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	226587	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	143527	20.000	ng	0.00
86) Perylene-d12	15.527	264	171385	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	420221	112.708	ng	0.00
7) Phenol-d6	6.498	99	473970	112.193	ng	0.00
23) Nitrobenzene-d5	7.422	82	299644	75.104	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	173047	106.351	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	654860	74.592	ng	0.00
79) Terphenyl-d14	12.980	244	665212	73.619	ng	-0.01

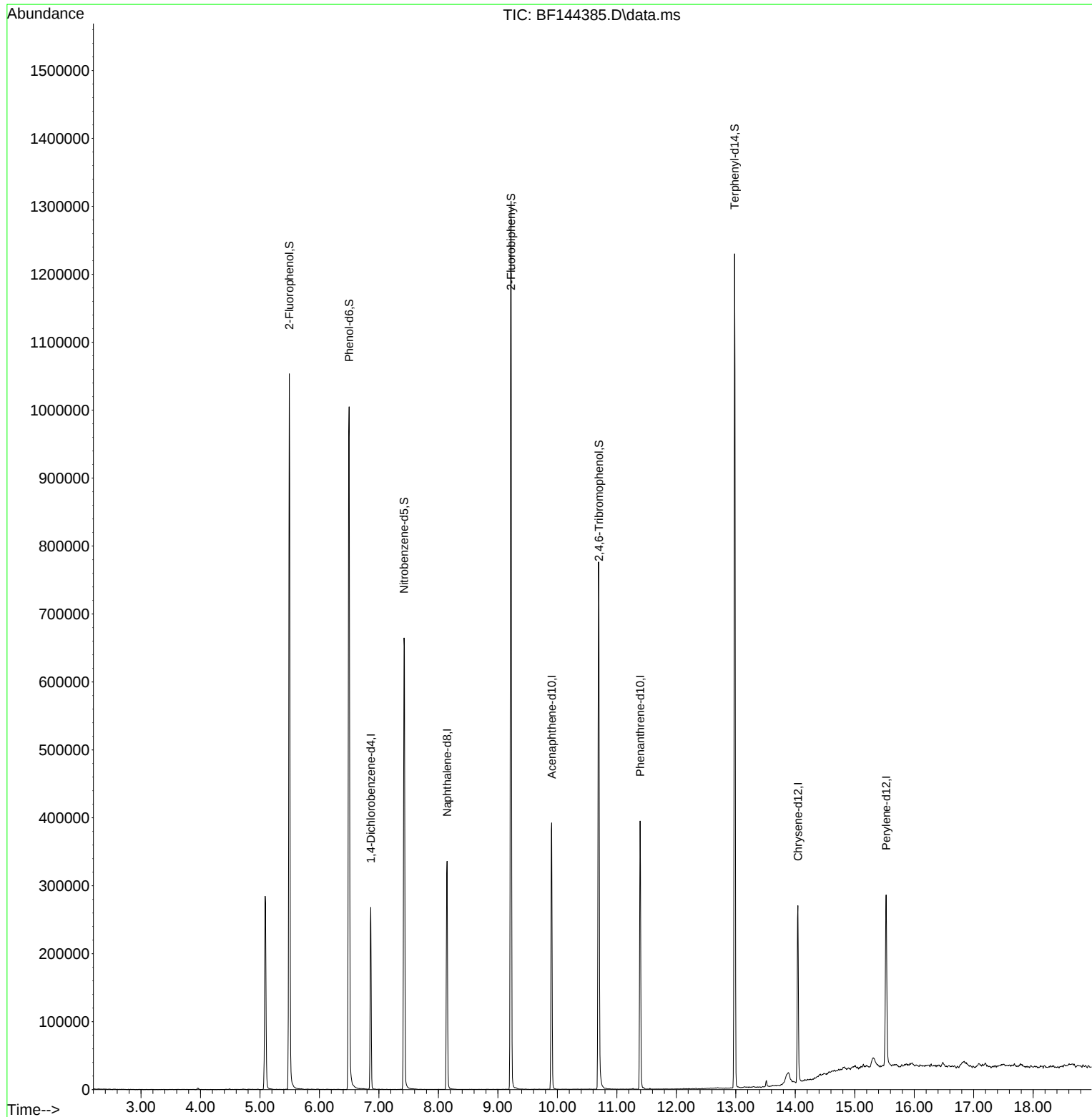
Target Compounds	Qvalue

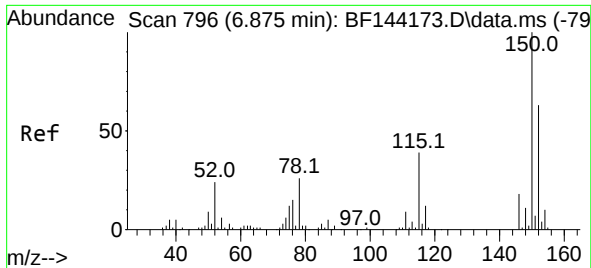
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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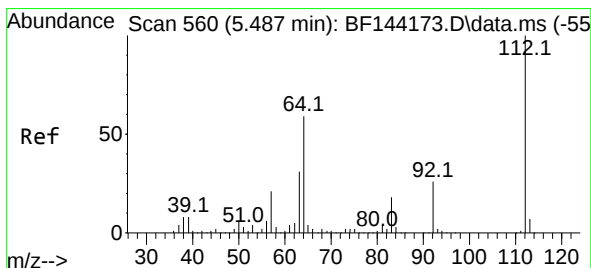
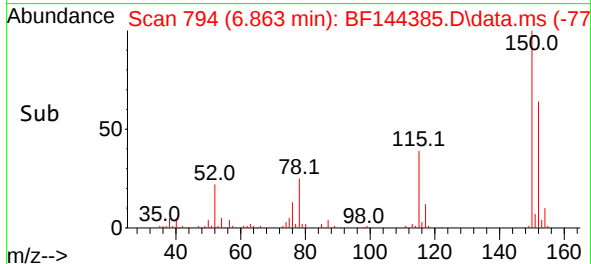
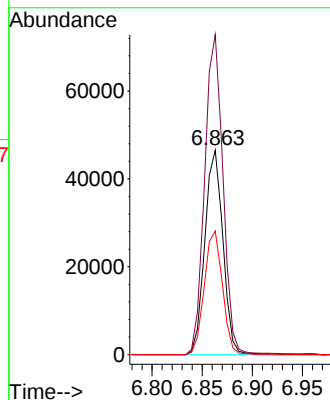
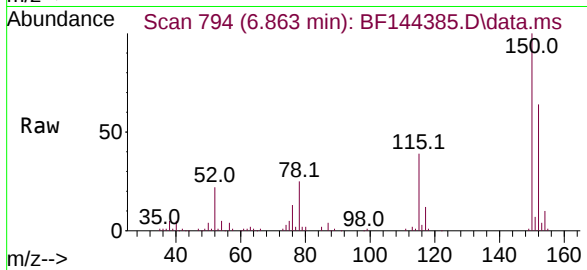




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144385.D
 Acq: 01 Dec 2025 14:11

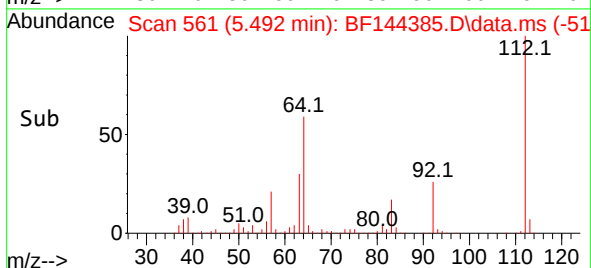
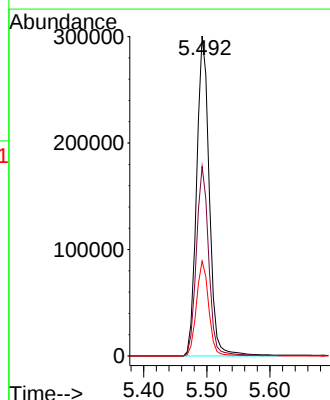
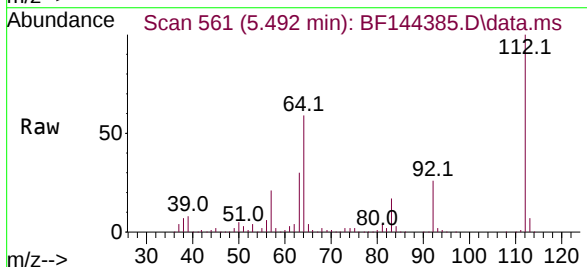
Instrument :
 BNA_F
 ClientSampleId :
 PB170763BL

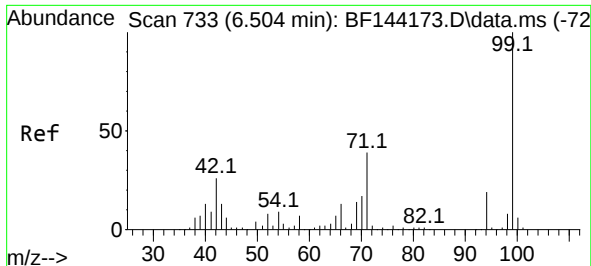
Tgt Ion:152 Resp: 58345
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.4 191.0
 115 60.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 112.708 ng
 RT: 5.492 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: BF144385.D
 Acq: 01 Dec 2025 14:11

Tgt Ion:112 Resp: 420221
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.2 70.8
 63 29.6 24.4 36.6

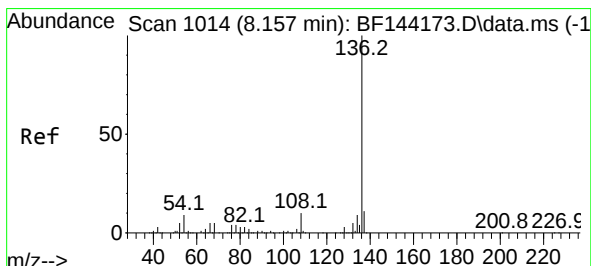
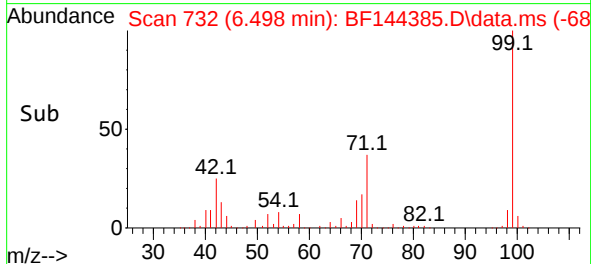
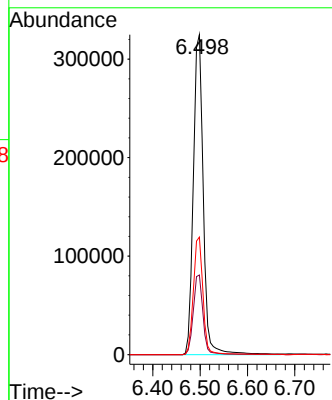
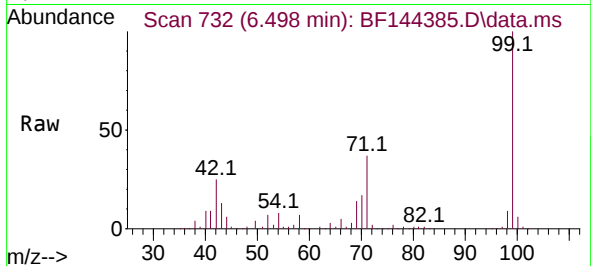




#7
Phenol-d6
Concen: 112.193 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

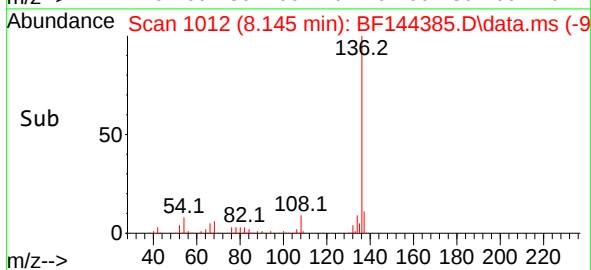
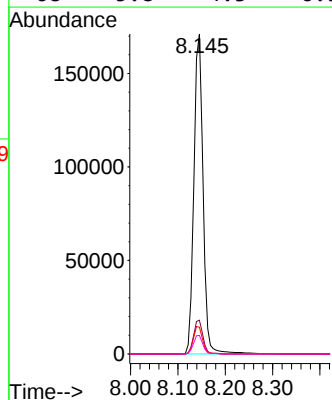
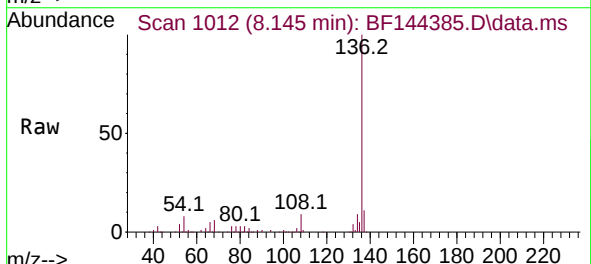
Instrument :
BNA_F
ClientSampleId :
PB170763BL

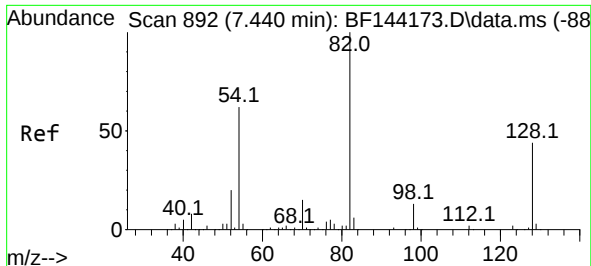
Tgt Ion: 99 Resp: 473970
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 36.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion: 136 Resp: 230427
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 7.0 10.6
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 75.104 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144385.D

Acq: 01 Dec 2025 14:11

Instrument :

BNA_F

ClientSampleId :

PB170763BL

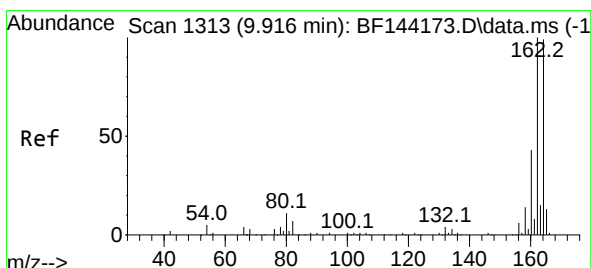
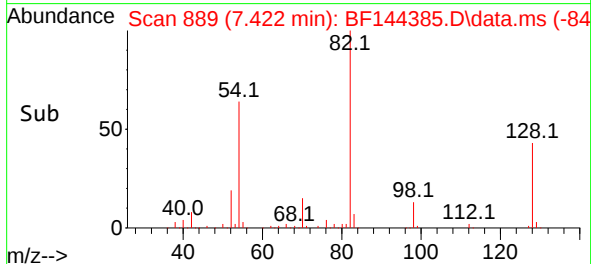
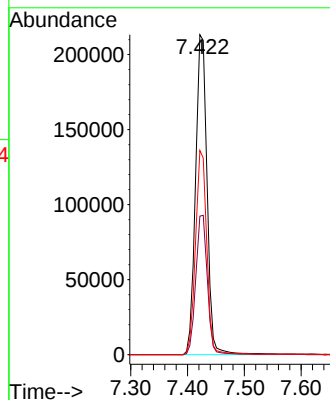
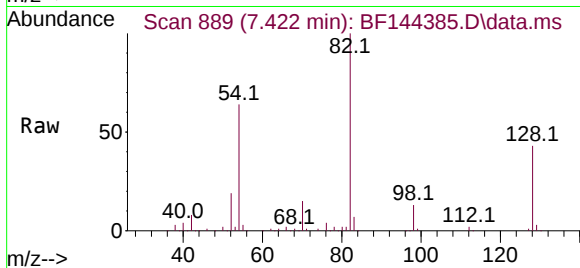
Tgt Ion: 82 Resp: 299644

Ion Ratio Lower Upper

82 100

128 43.3 34.7 52.1

54 63.8 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144385.D

Acq: 01 Dec 2025 14:11

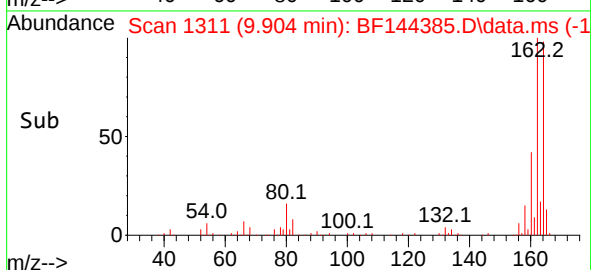
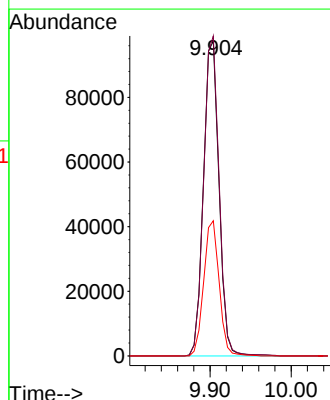
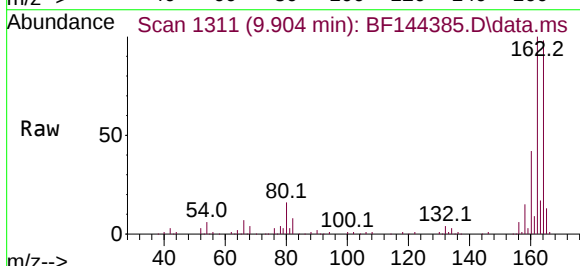
Tgt Ion:164 Resp: 129664

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 42.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 106.351 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144385.D

Acq: 01 Dec 2025 14:11

Instrument :

BNA_F

ClientSampleId :

PB170763BL

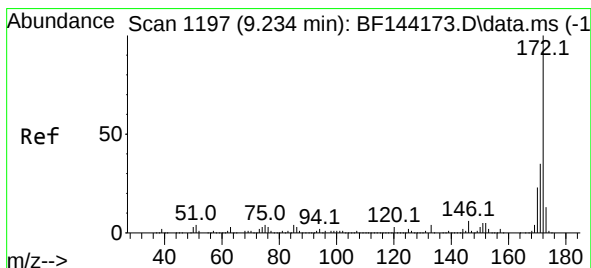
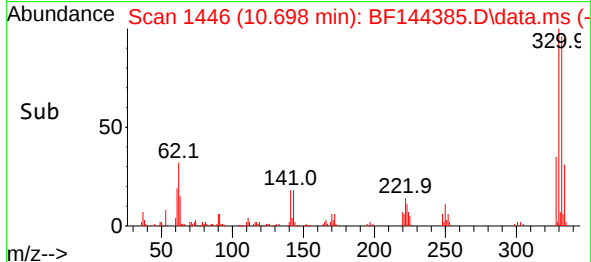
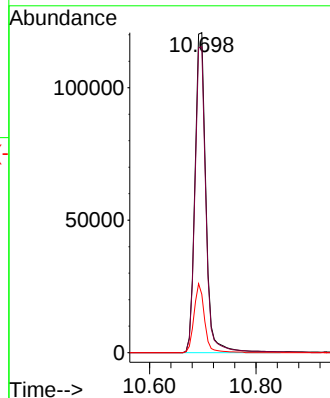
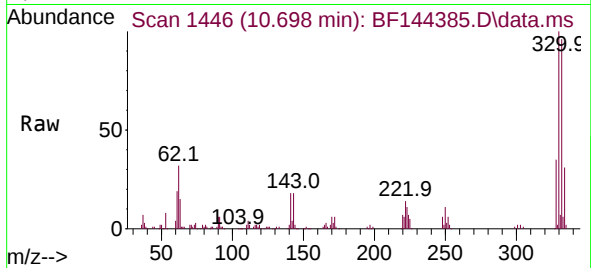
Tgt Ion:330 Resp: 173047

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

141 20.6 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 74.592 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144385.D

Acq: 01 Dec 2025 14:11

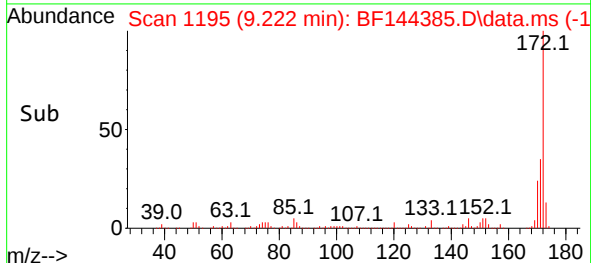
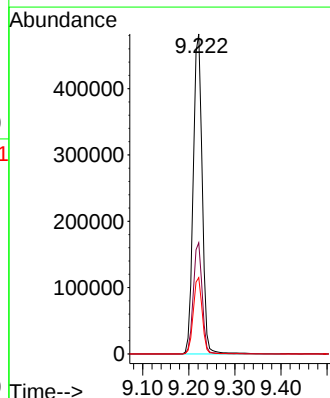
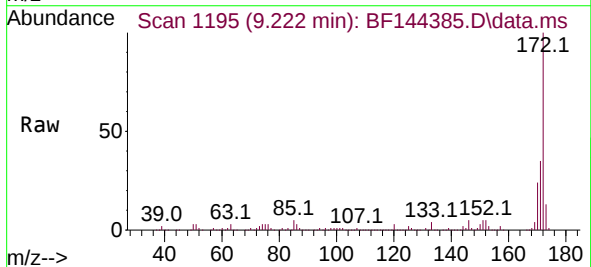
Tgt Ion:172 Resp: 654860

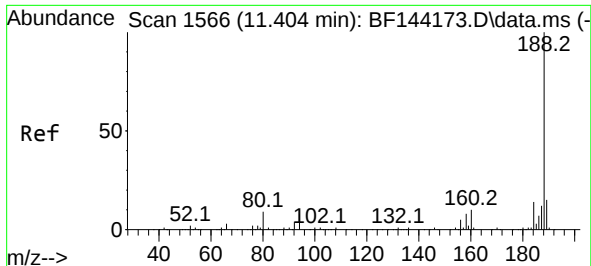
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.8 18.6 28.0

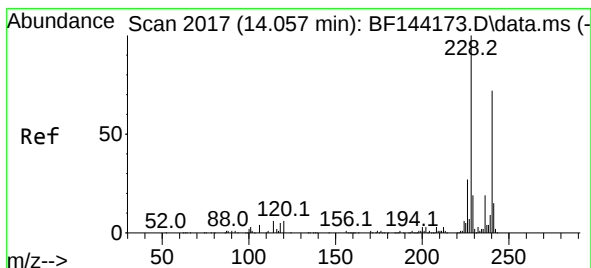
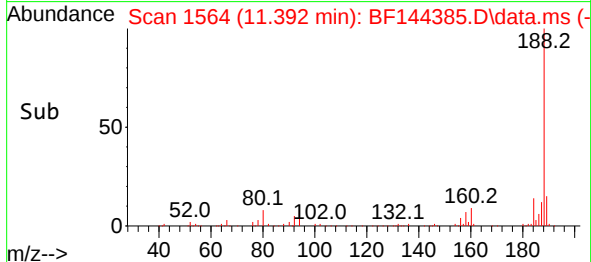
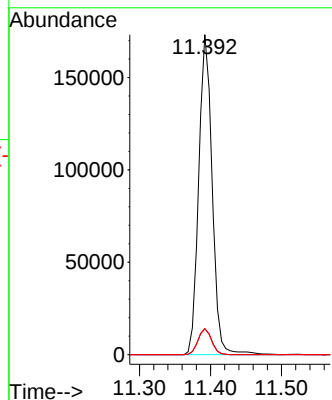
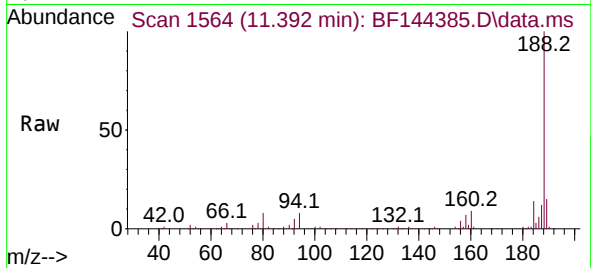




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

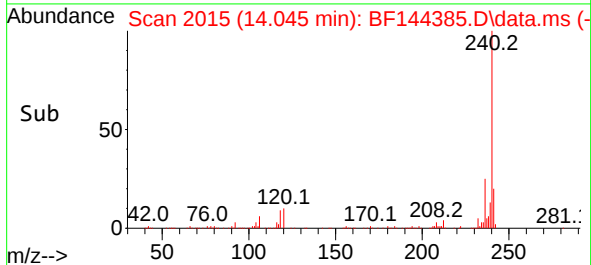
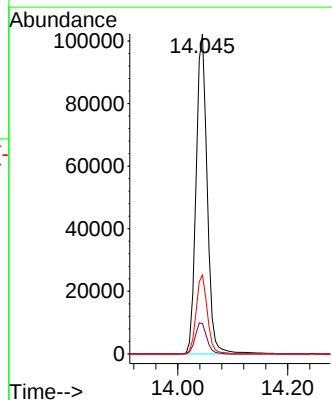
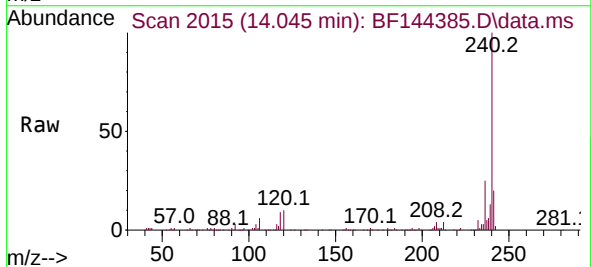
Instrument :
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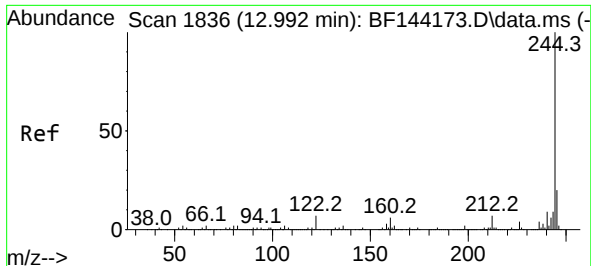
Tgt Ion:188 Resp: 226587
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

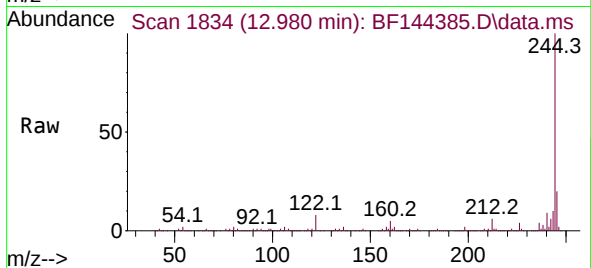
Tgt Ion:240 Resp: 143527
Ion Ratio Lower Upper
240 100
120 9.5 6.6 10.0
236 24.7 21.4 32.2



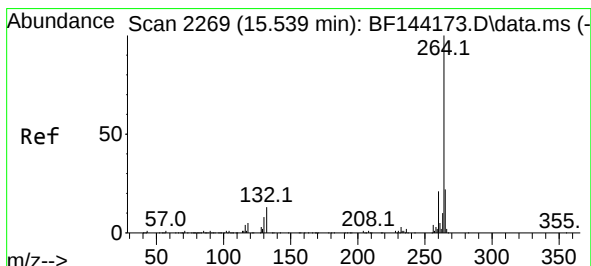
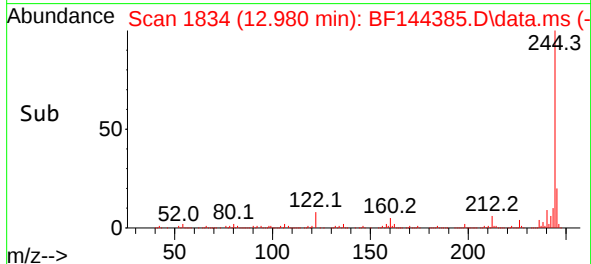
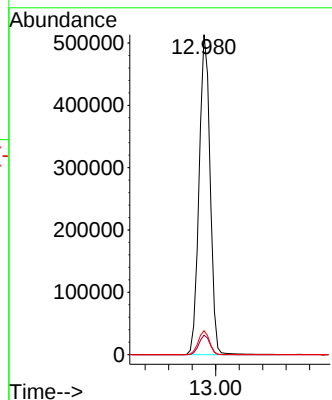


#79
Terphenyl-d14
Concen: 73.619 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 665212
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 7.5 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:264 Resp: 171385
Ion Ratio Lower Upper
264 100
260 22.8 17.1 25.7
265 20.9 17.4 26.0

