

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144399.D
 Acq On : 02 Dec 2025 13:16
 Operator : RC/JU
 Sample : PB170788BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170788BL

Quant Time: Dec 02 13:39:31 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	75254	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	293617	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	166700	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	270408	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168046	20.000	ng	0.00
86) Perylene-d12	15.533	264	227850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	397436	82.645	ng	0.00
7) Phenol-d6	6.498	99	453082	83.151	ng	0.00
23) Nitrobenzene-d5	7.422	82	278906	54.861	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	154780	73.990	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	604884	53.592	ng	0.00
79) Terphenyl-d14	12.980	244	571832	54.051	ng	-0.01

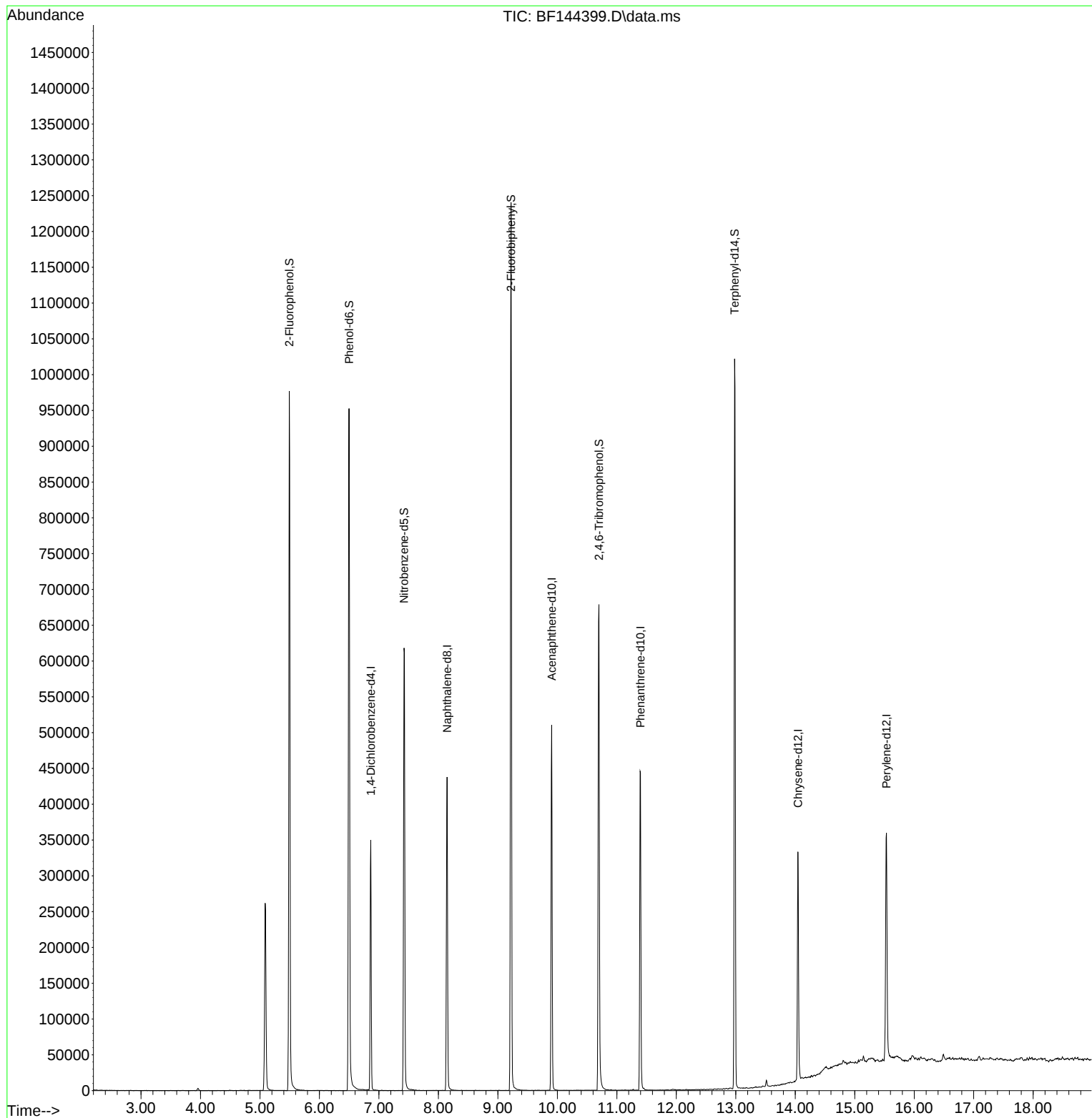
Target Compounds	Qvalue

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

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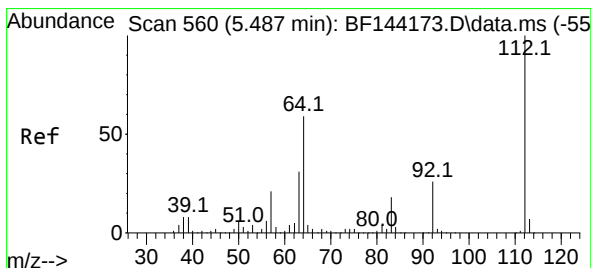
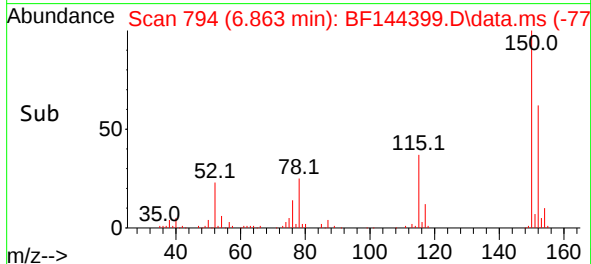
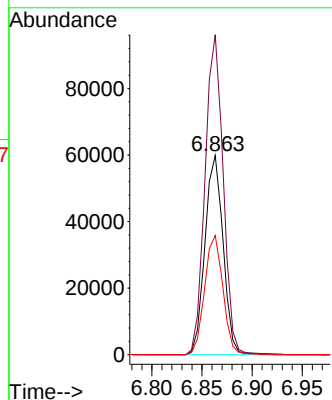
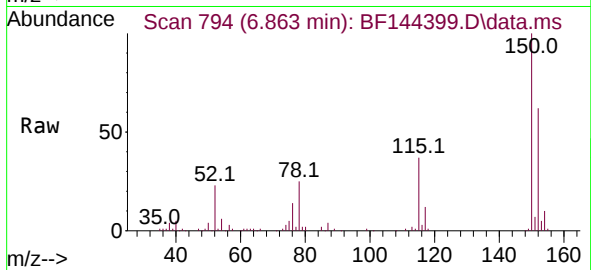




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

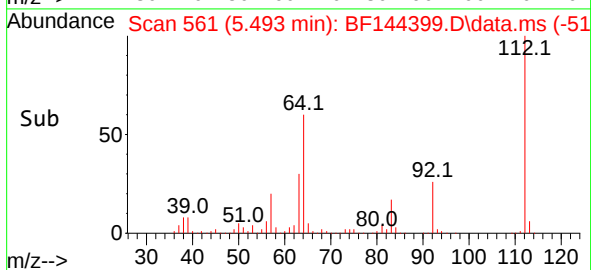
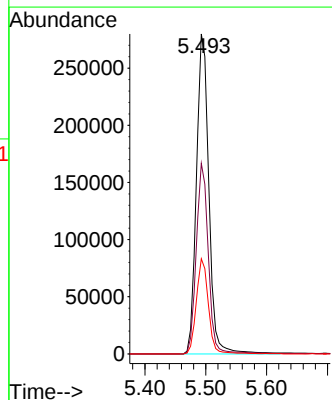
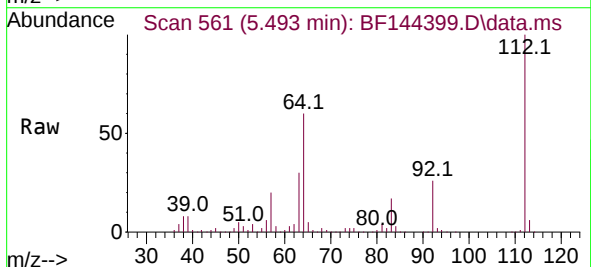
Instrument :
BNA_F
ClientSampleId :
PB170788BL

Tgt Ion:152 Resp: 75254
Ion Ratio Lower Upper
152 100
150 160.7 127.4 191.0
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 82.645 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

Tgt Ion:112 Resp: 397436
Ion Ratio Lower Upper
112 100
64 59.5 47.2 70.8
63 29.7 24.4 36.6

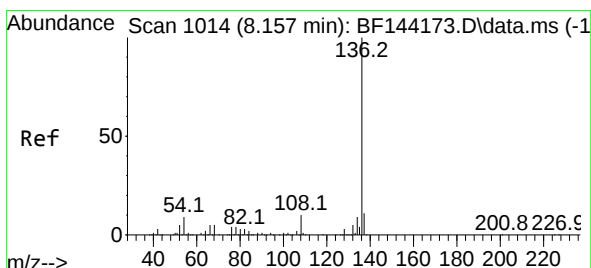
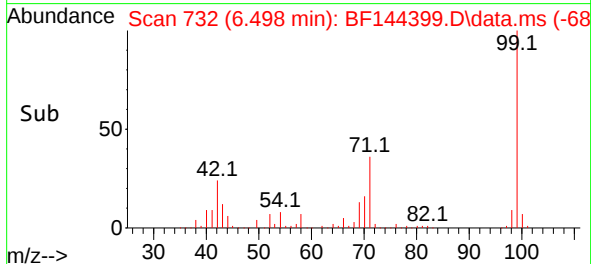
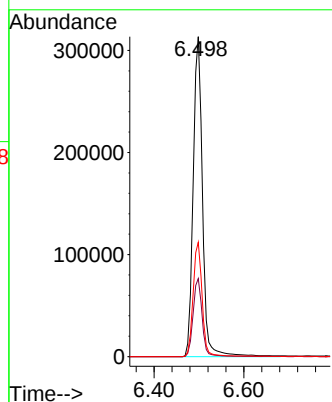
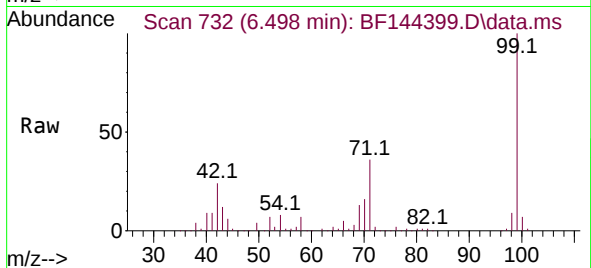




#7
Phenol-d6
Concen: 83.151 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

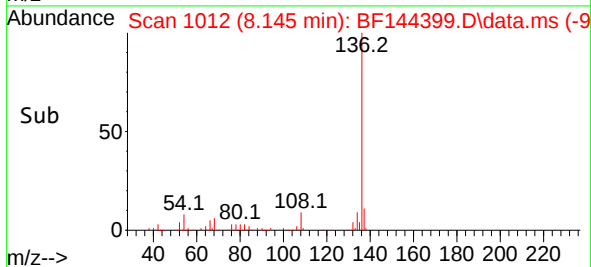
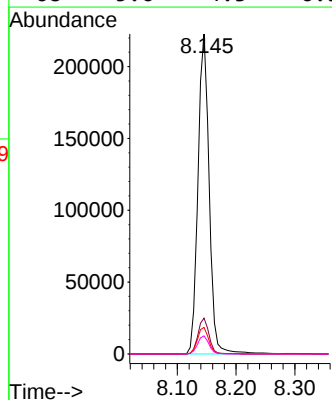
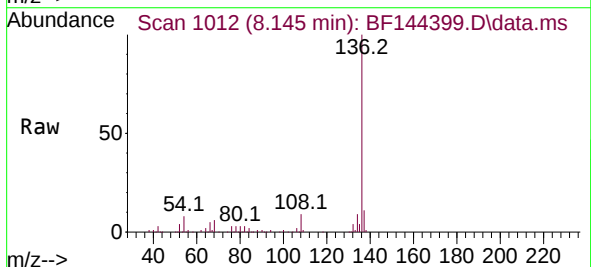
Instrument :
BNA_F
ClientSampleId :
PB170788BL

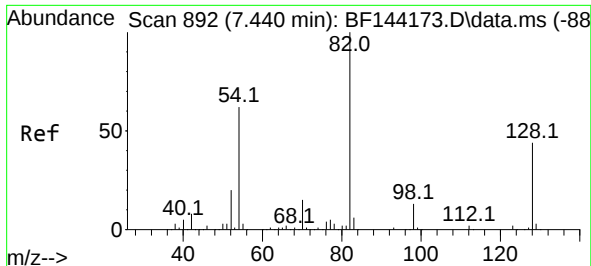
Tgt Ion: 99 Resp: 453082
Ion Ratio Lower Upper
99 100
42 24.4 20.9 31.3
71 35.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

Tgt Ion: 136 Resp: 293617
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 7.0 10.6
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 54.861 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144399.D

Acq: 02 Dec 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB170788BL

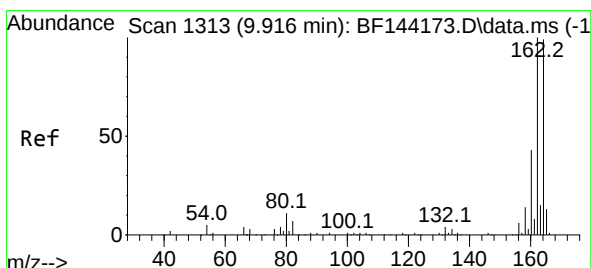
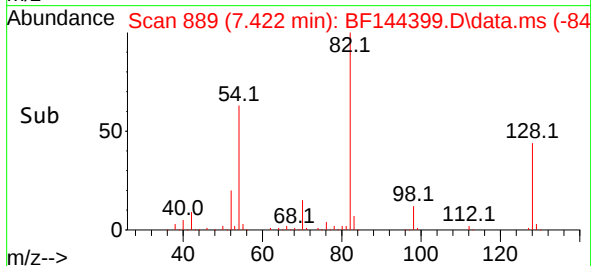
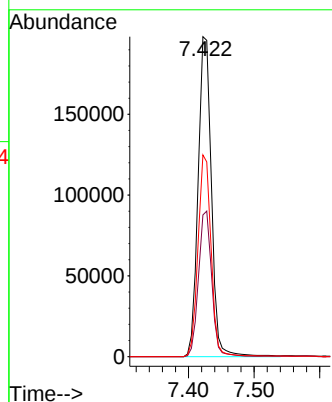
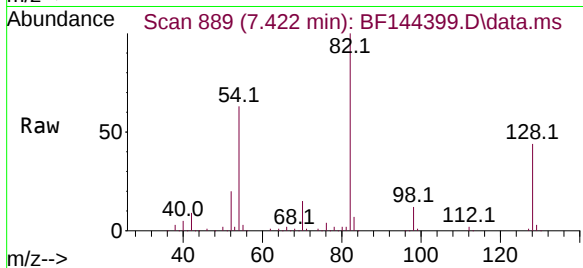
Tgt Ion: 82 Resp: 278906

Ion Ratio Lower Upper

82 100

128 44.3 34.7 52.1

54 63.0 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: BF144399.D

Acq: 02 Dec 2025 13:16

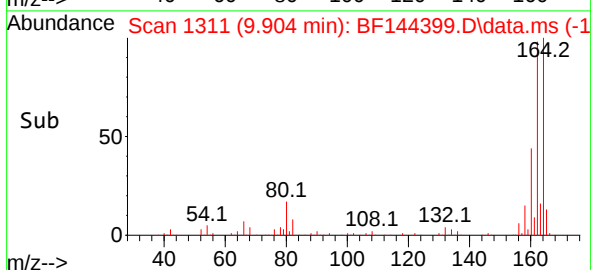
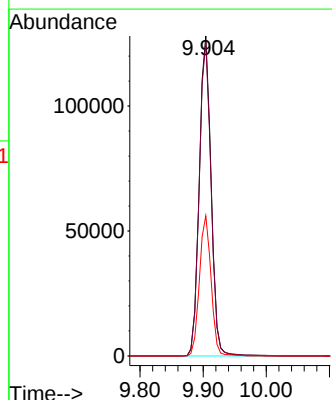
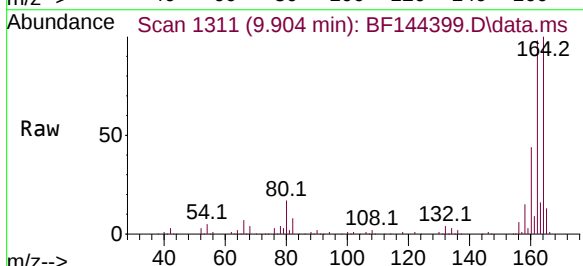
Tgt Ion:164 Resp: 166700

Ion Ratio Lower Upper

164 100

162 98.2 81.1 121.7

160 43.8 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 73.990 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144399.D

Acq: 02 Dec 2025 13:16

Instrument :

BNA_F

ClientSampleId :

PB170788BL

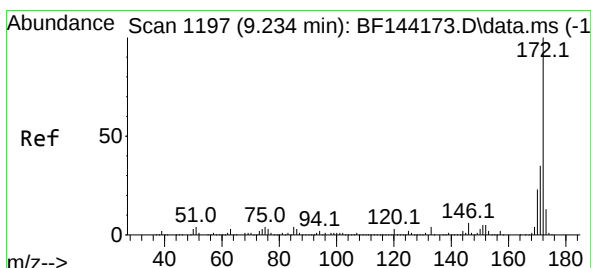
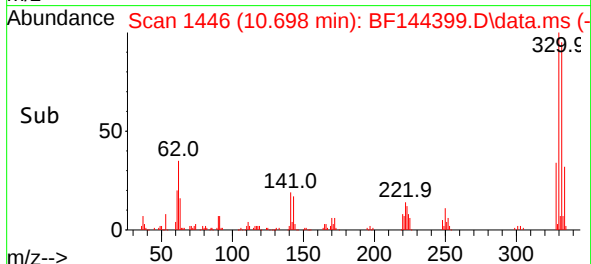
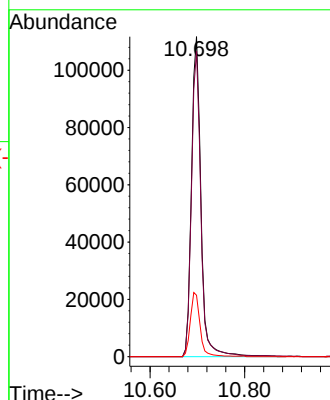
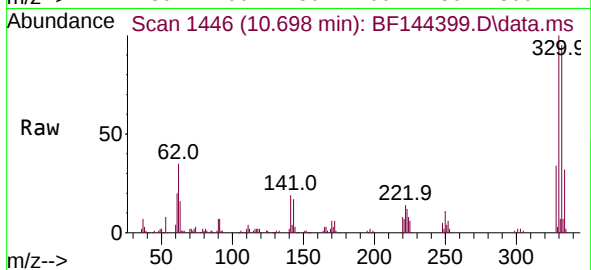
Tgt Ion:330 Resp: 154780

Ion Ratio Lower Upper

330 100

332 94.8 76.7 115.1

141 20.6 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 53.592 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144399.D

Acq: 02 Dec 2025 13:16

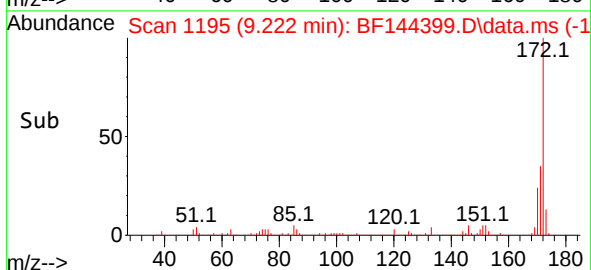
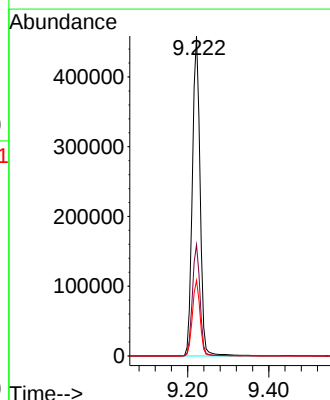
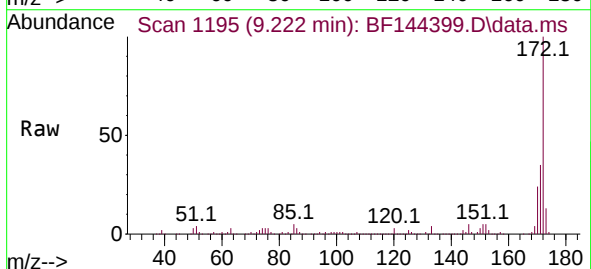
Tgt Ion:172 Resp: 604884

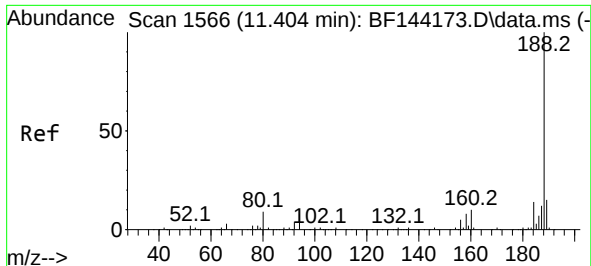
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.6 18.6 28.0

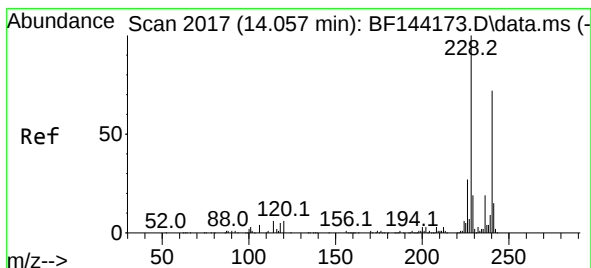
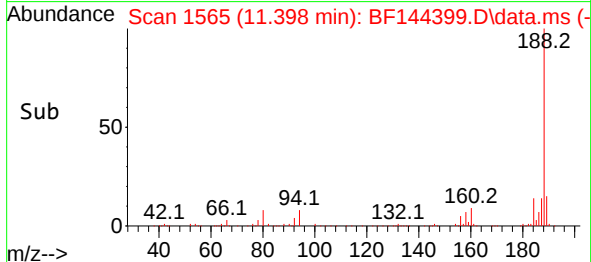
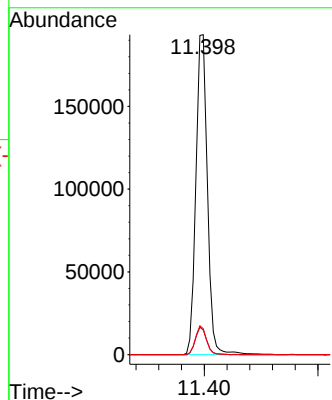
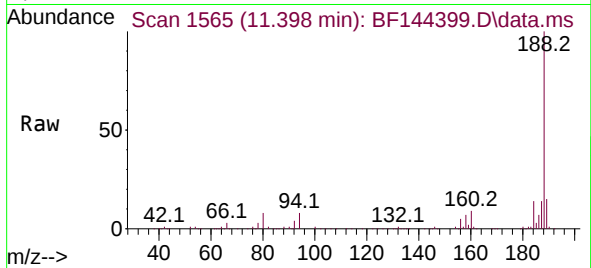




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

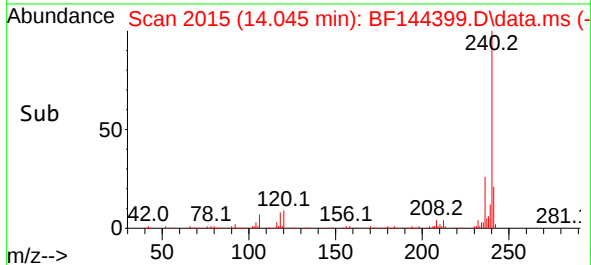
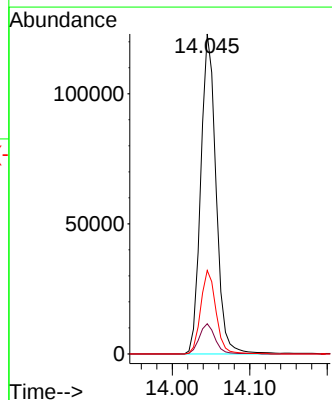
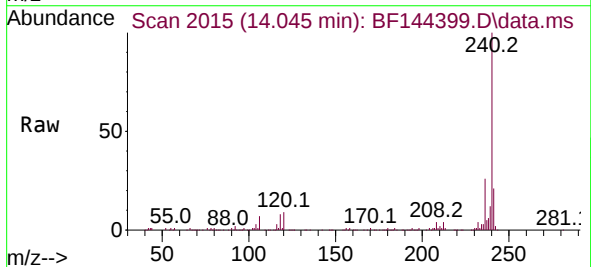
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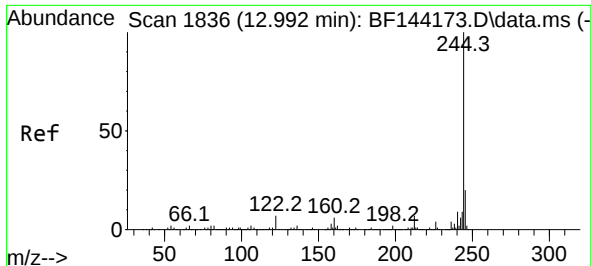
Tgt Ion:188 Resp: 270408
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144399.D
Acq: 02 Dec 2025 13:16

Tgt Ion:240 Resp: 168046
Ion Ratio Lower Upper
240 100
120 9.4 6.6 10.0
236 26.1 21.4 32.2

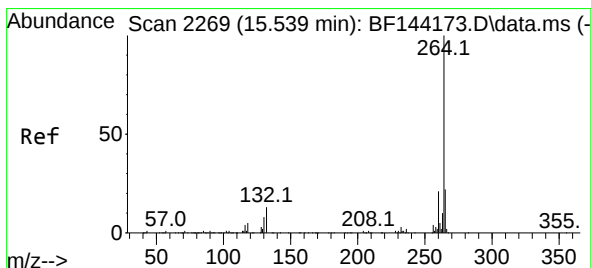
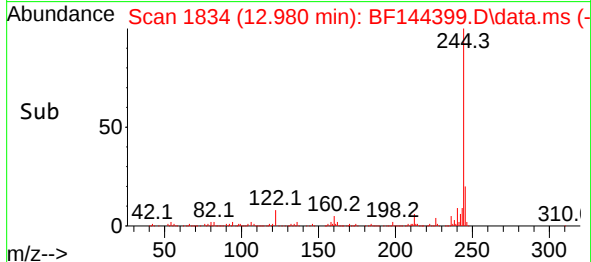
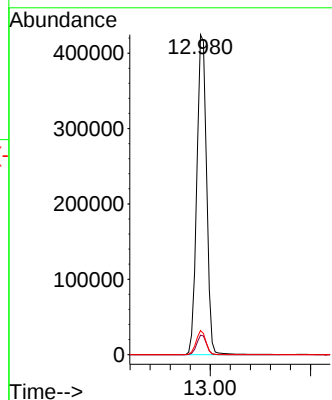
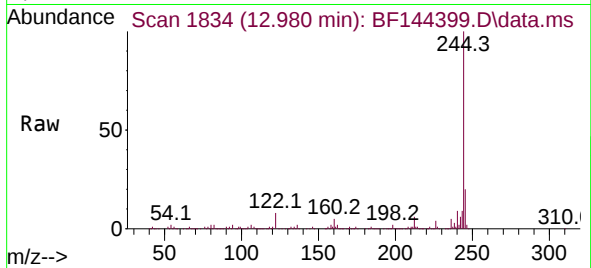




#79
 Terphenyl-d14
 Concen: 54.051 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144399.D
 Acq: 02 Dec 2025 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB170788BL

Tgt Ion:244 Resp: 571832
 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: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144399.D
 Acq: 02 Dec 2025 13:16

Tgt Ion:264 Resp: 227850
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.1 25.7
 265 20.5 17.4 26.0

