

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144291.D
 Acq On : 20 Nov 2025 13:25
 Operator : RC/JU
 Sample : PB170631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BL

Quant Time: Nov 20 13:44:51 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	60075	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	236262	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	137092	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	248386	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	149201	20.000	ng	-0.01
86) Perylene-d12	15.521	264	167632	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	446789	116.383	ng	0.00
7) Phenol-d6	6.492	99	508633	116.931	ng	0.00
23) Nitrobenzene-d5	7.422	82	327629	80.090	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	208046	120.933	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	713101	76.825	ng	0.00
79) Terphenyl-d14	12.980	244	782498	83.305	ng	-0.01

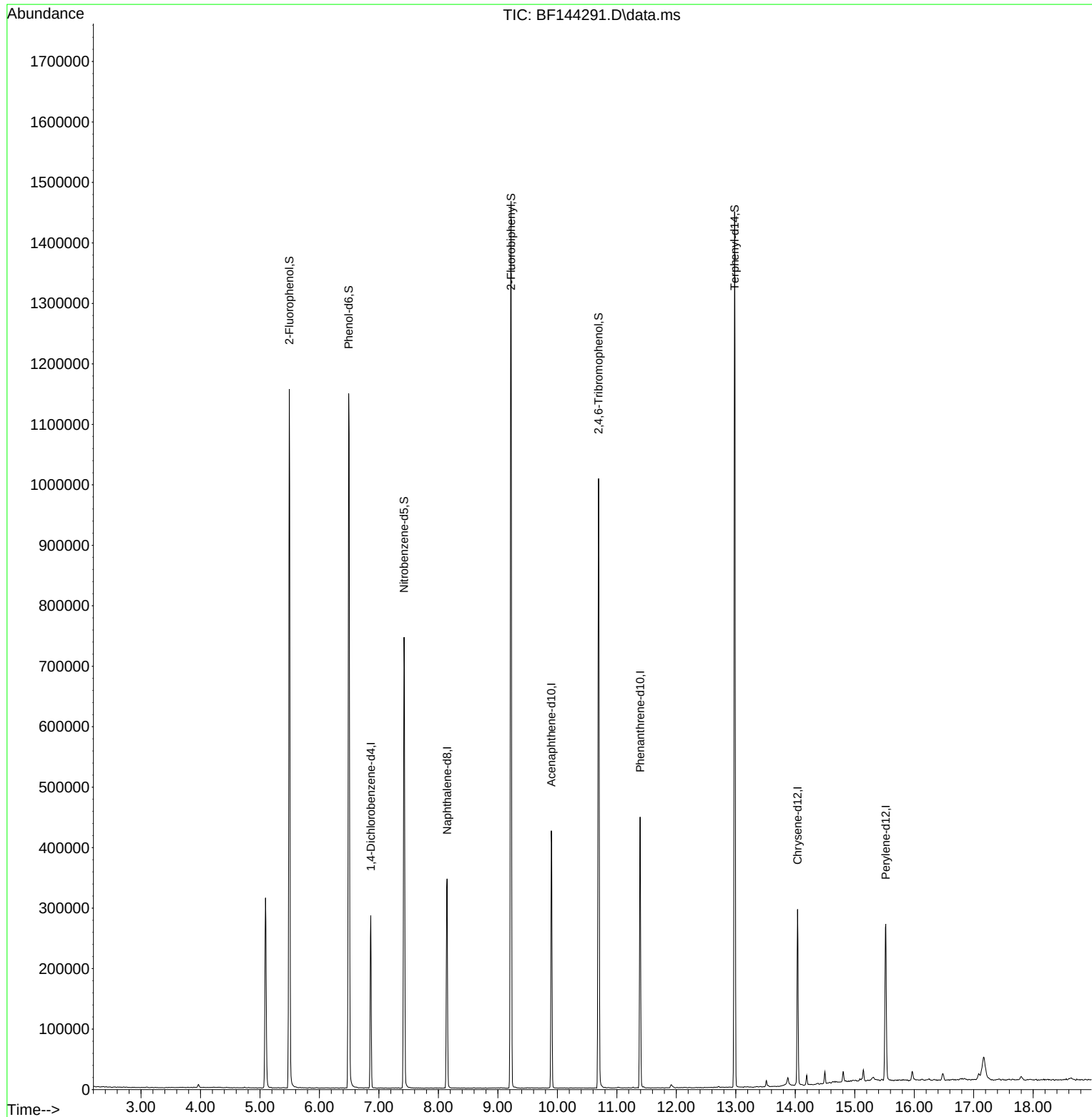
Target Compounds Qvalue

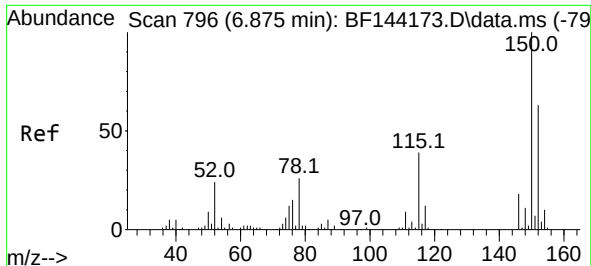
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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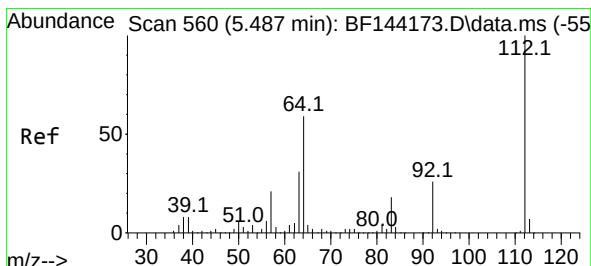
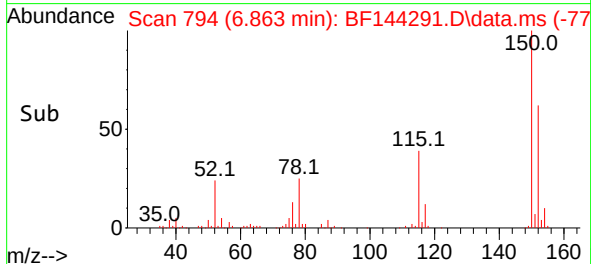
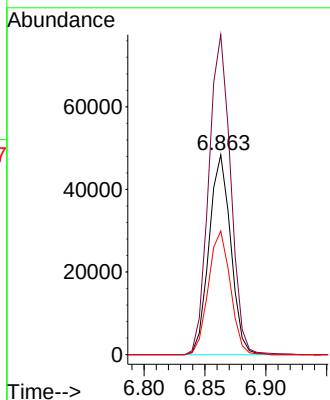
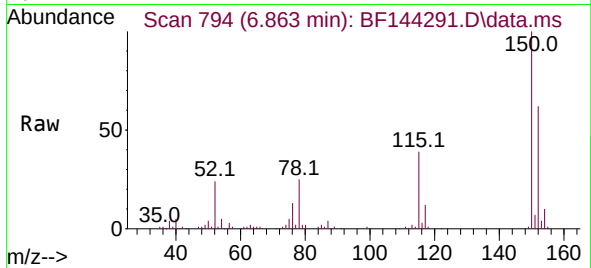




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

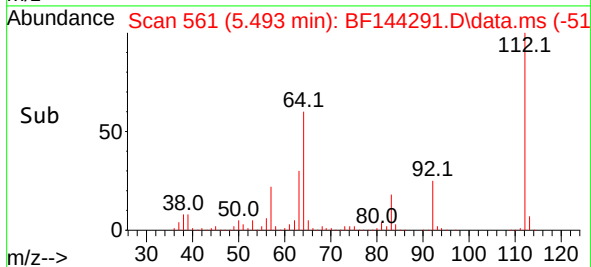
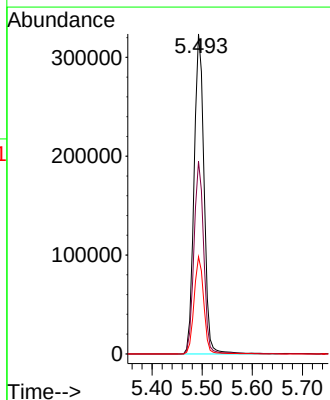
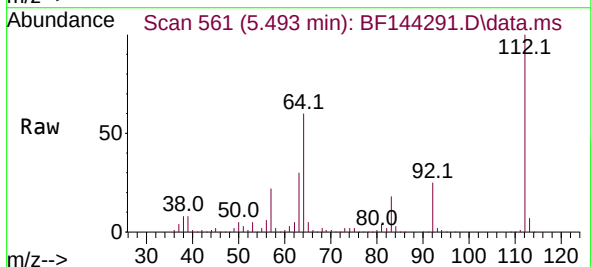
Instrument :
BNA_F
ClientSampleId :
PB170631BL

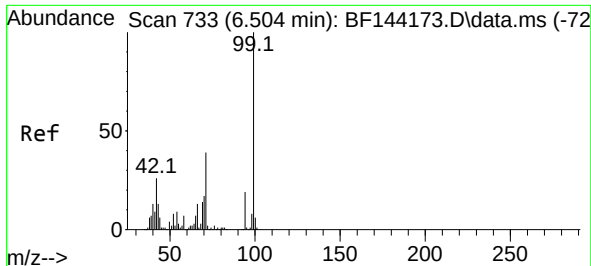
Tgt Ion:152 Resp: 60075
Ion Ratio Lower Upper
152 100
150 160.2 127.4 191.0
115 61.9 49.5 74.3



#5
2-Fluorophenol
Concen: 116.383 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Tgt Ion:112 Resp: 446789
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 30.3 24.4 36.6

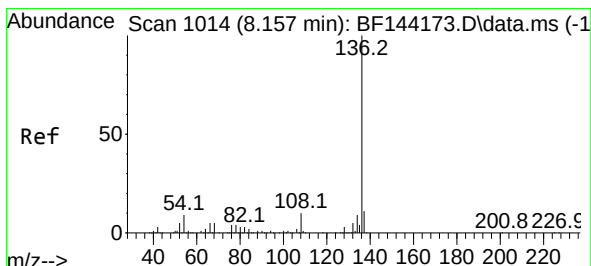
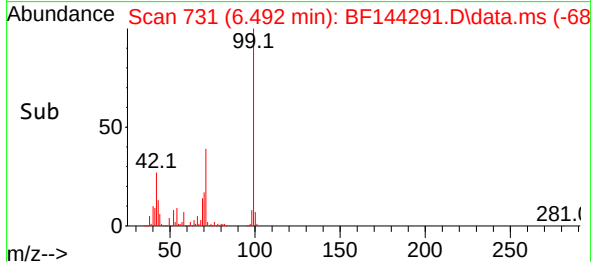
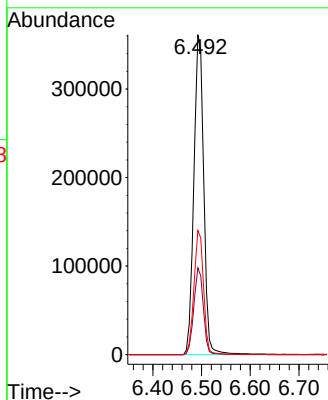
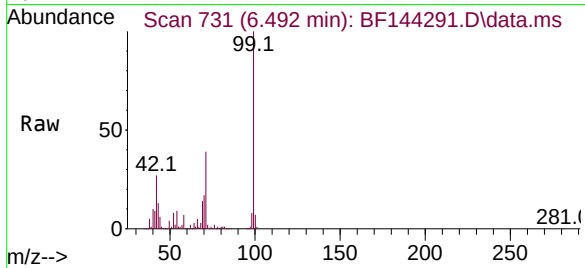




#7
Phenol-d6
Concen: 116.931 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

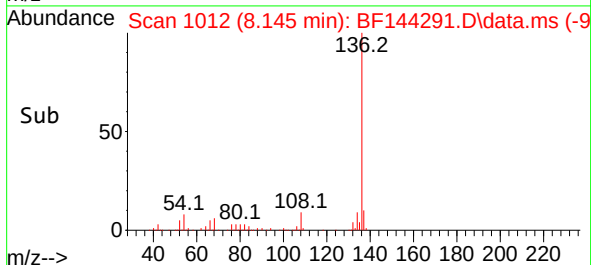
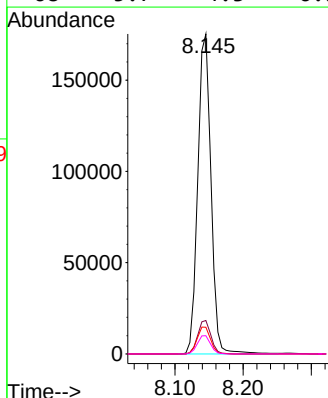
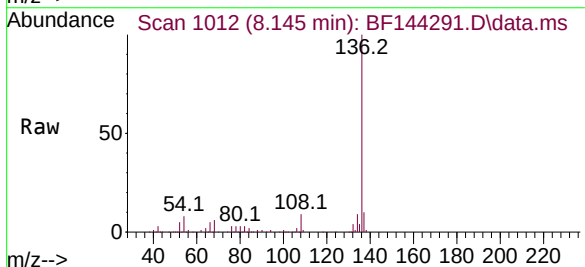
Instrument :
BNA_F
ClientSampleId :
PB170631BL

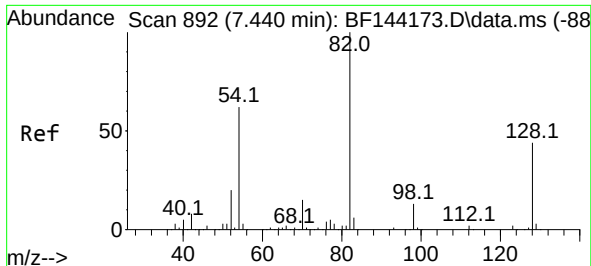
Tgt Ion: 99 Resp: 508633
Ion Ratio Lower Upper
99 100
42 27.1 20.9 31.3
71 38.8 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Tgt Ion: 136 Resp: 236262
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 7.0 10.6
68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 80.090 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144291.D

Acq: 20 Nov 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB170631BL

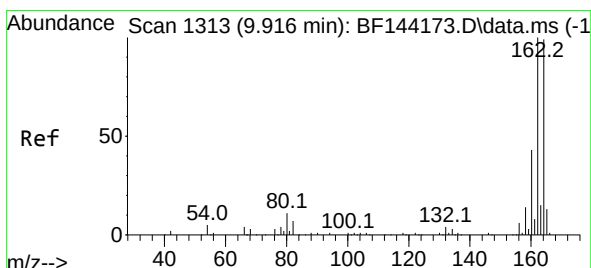
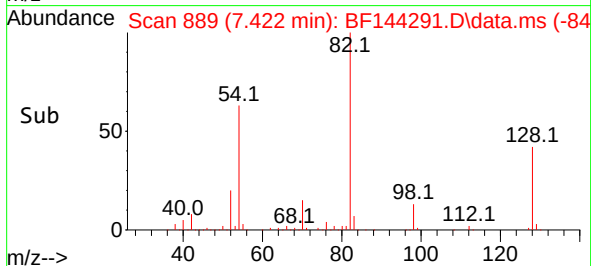
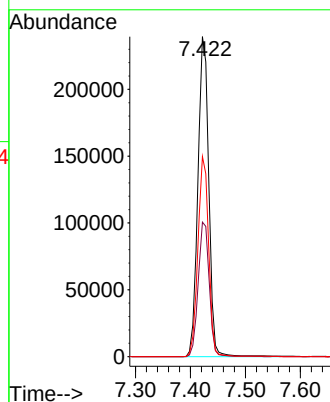
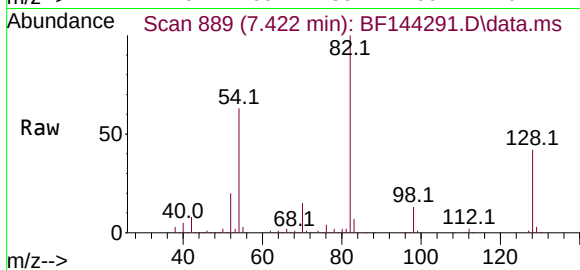
Tgt Ion: 82 Resp: 327629

Ion Ratio Lower Upper

82 100

128 42.0 34.7 52.1

54 62.5 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144291.D

Acq: 20 Nov 2025 13:25

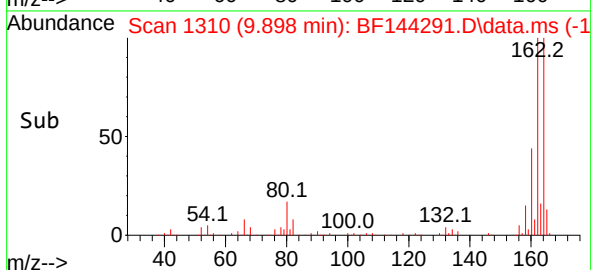
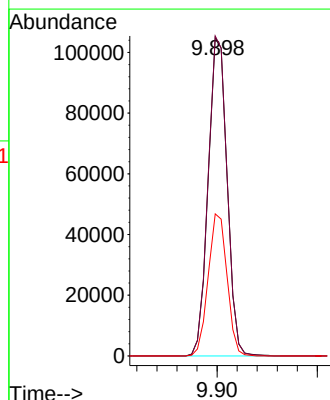
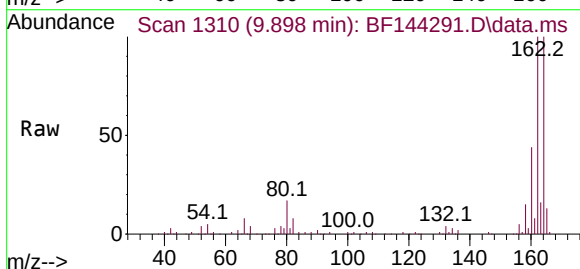
Tgt Ion:164 Resp: 137092

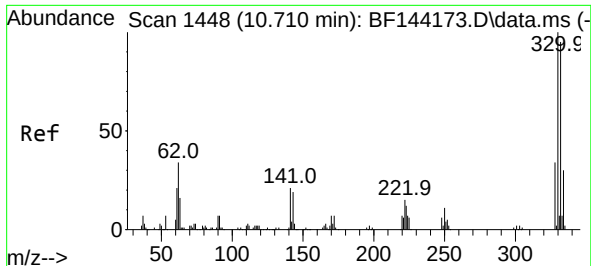
Ion Ratio Lower Upper

164 100

162 100.4 81.1 121.7

160 44.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 120.933 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144291.D

Acq: 20 Nov 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB170631BL

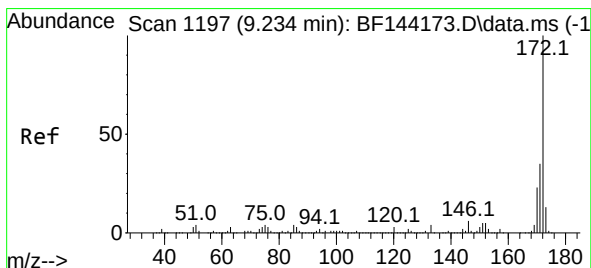
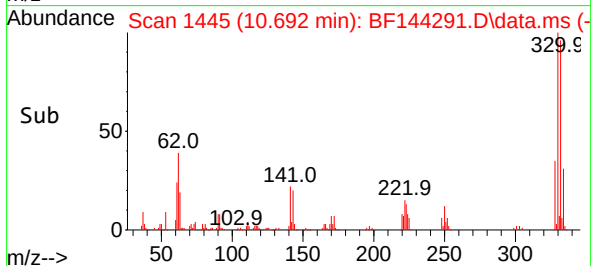
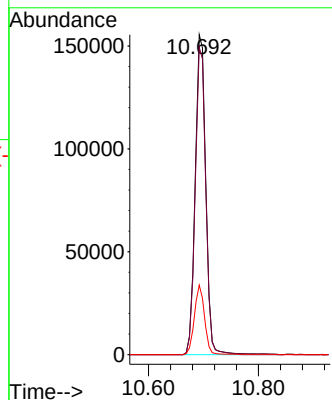
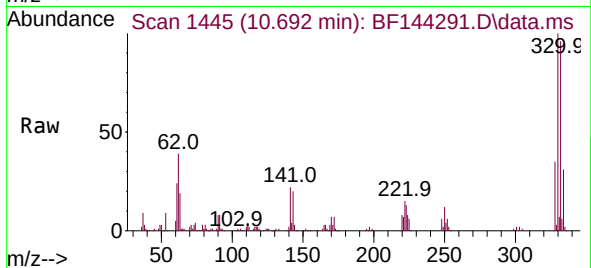
Tgt Ion:330 Resp: 208046

Ion Ratio Lower Upper

330 100

332 95.6 76.7 115.1

141 20.9 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 76.825 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144291.D

Acq: 20 Nov 2025 13:25

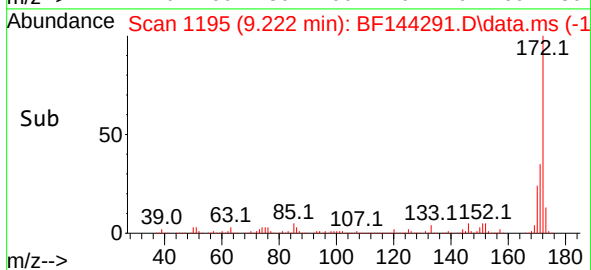
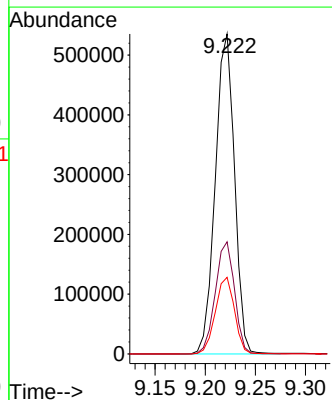
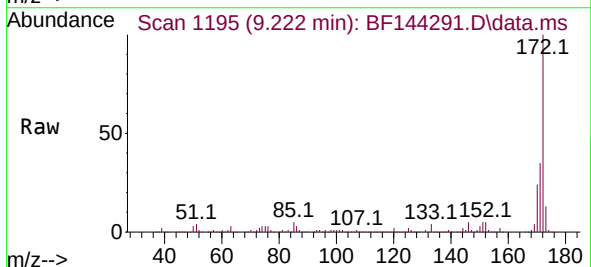
Tgt Ion:172 Resp: 713101

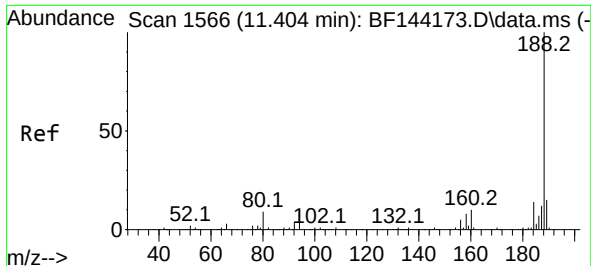
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.9 18.6 28.0

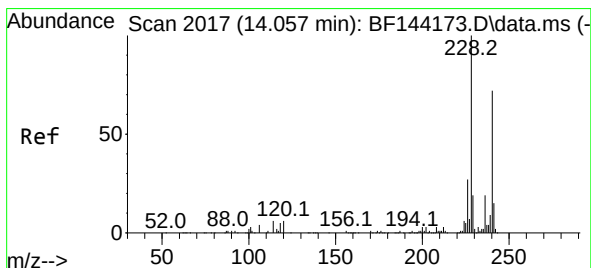
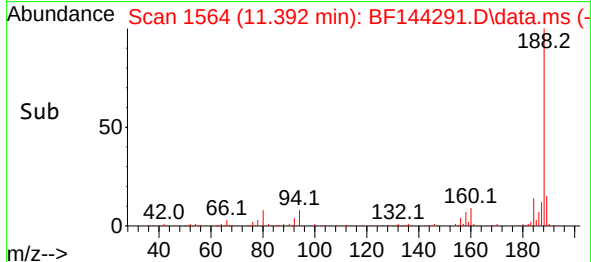
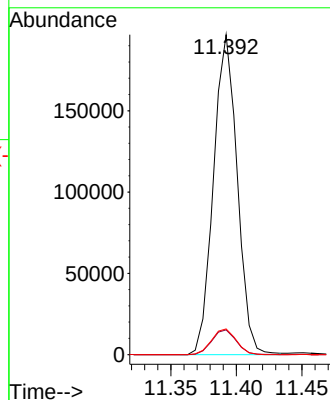
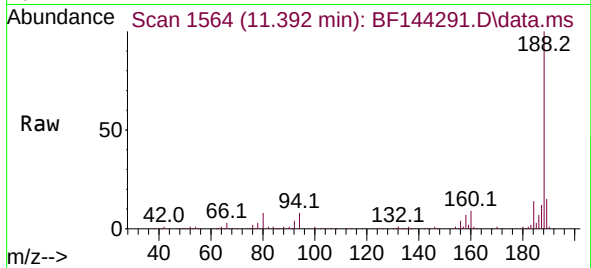




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

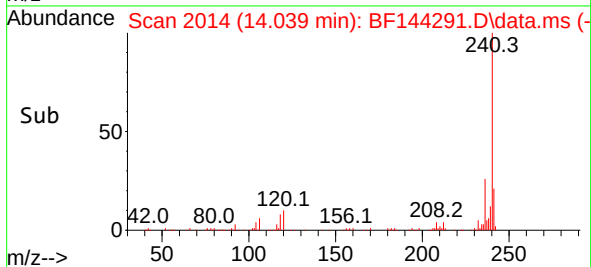
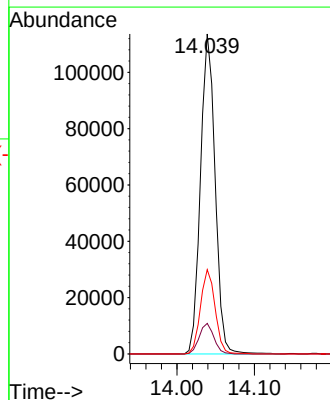
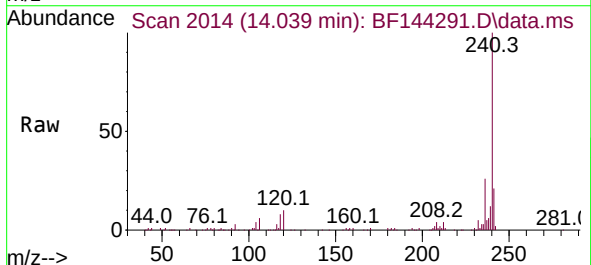
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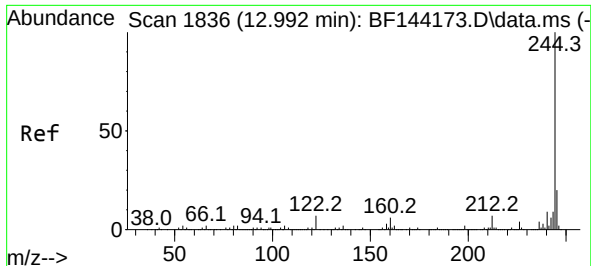
Tgt Ion:188 Resp: 248386
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

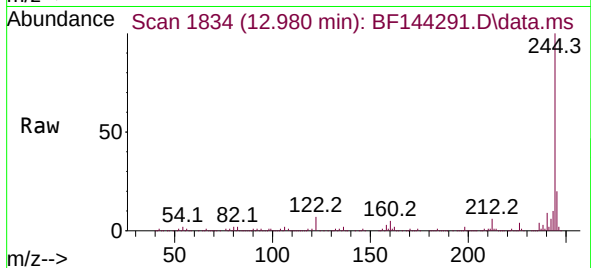
Tgt Ion:240 Resp: 149201
Ion Ratio Lower Upper
240 100
120 9.5 6.6 10.0
236 26.3 21.4 32.2



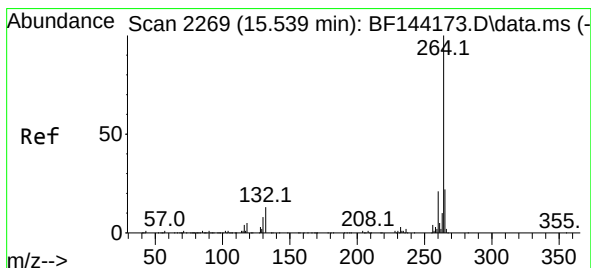
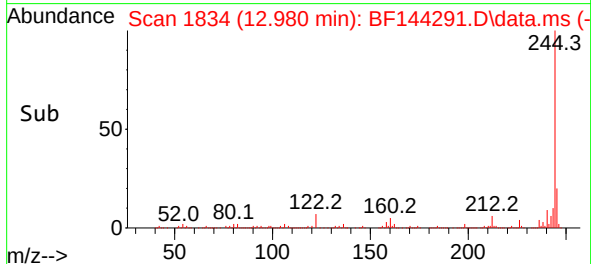
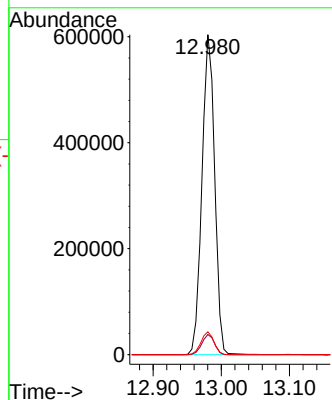


#79
 Terphenyl-d14
 Concen: 83.305 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144291.D
 Acq: 20 Nov 2025 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BL



Tgt Ion:244 Resp: 782498
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144291.D
 Acq: 20 Nov 2025 13:25

Tgt Ion:264 Resp: 167632
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.1 25.7
 265 20.6 17.4 26.0

