

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144204.D
 Acq On : 11 Nov 2025 15:38
 Operator : RC/JU
 Sample : Q3584-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Quant Time: Nov 11 15:59:38 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	6.875	152	54285	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	195487	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	102900	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	165829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	186431	20.000	ng	0.00
86) Perylene-d12	15.539	264	227605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	240153	69.229	ng	0.00
7) Phenol-d6	6.498	99	211309	53.760	ng	0.00
23) Nitrobenzene-d5	7.434	82	295394	87.272	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	153092	118.559	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	585790	84.079	ng	0.00
79) Terphenyl-d14	12.992	244	708798	60.390	ng	0.00

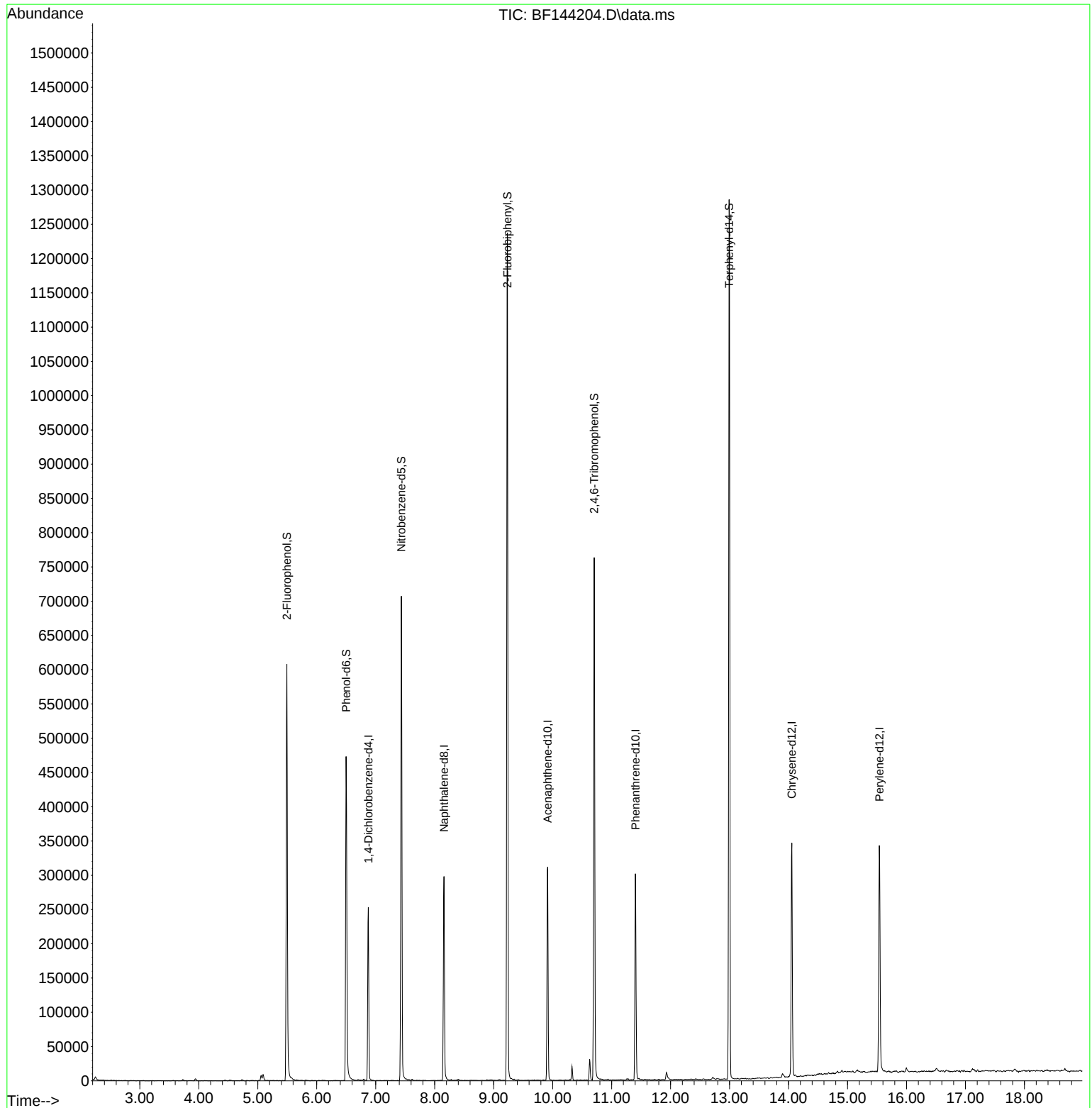
Target Compounds	Qvalue

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

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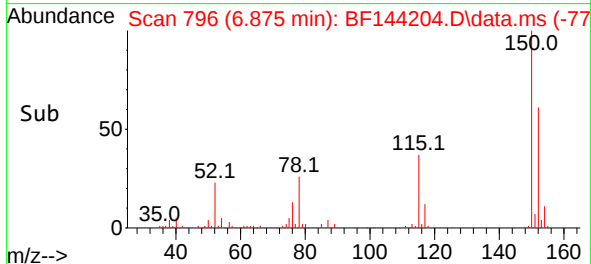
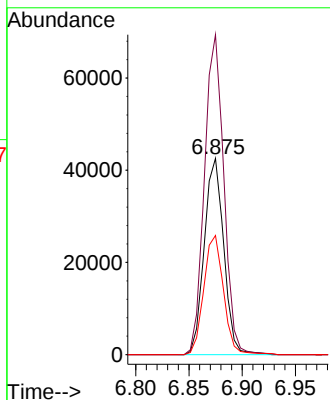
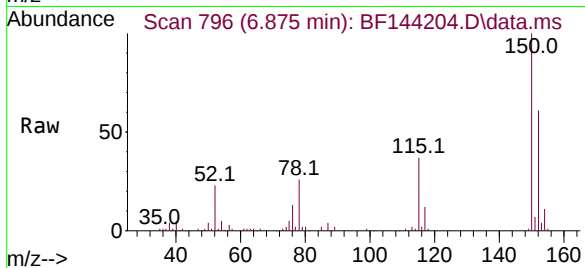




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

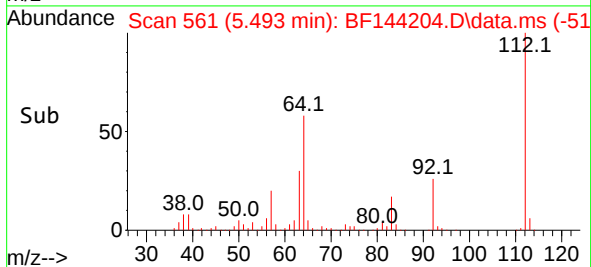
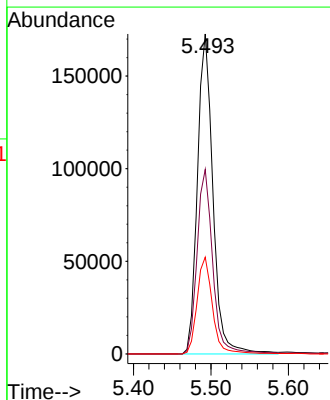
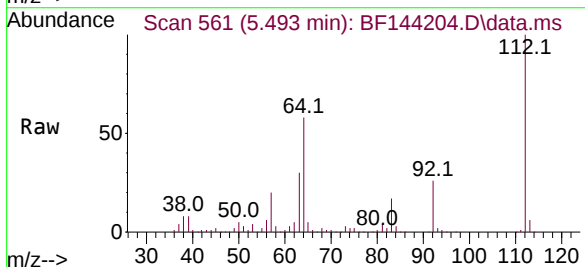
Instrument :
BNA_F
ClientSampleId :
SW-3

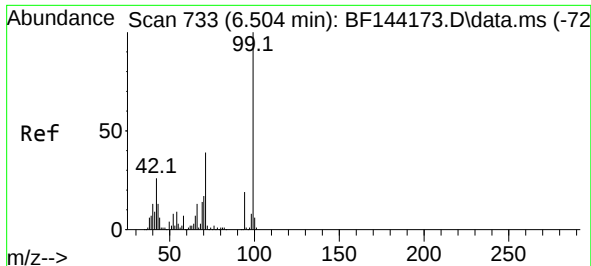
Tgt Ion:152 Resp: 54285
Ion Ratio Lower Upper
152 100
150 163.1 127.4 191.0
115 60.7 49.5 74.3



#5
2-Fluorophenol
Concen: 69.229 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:112 Resp: 240153
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 30.2 24.4 36.6

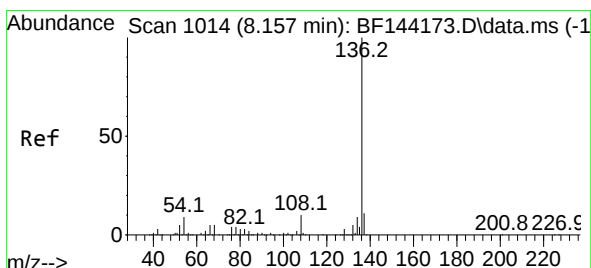
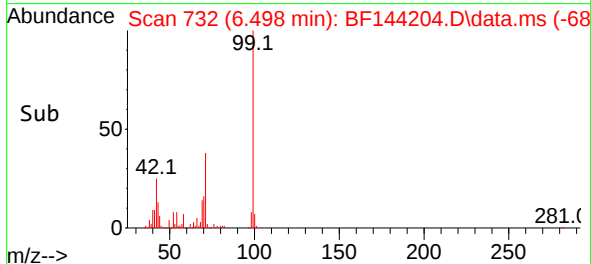
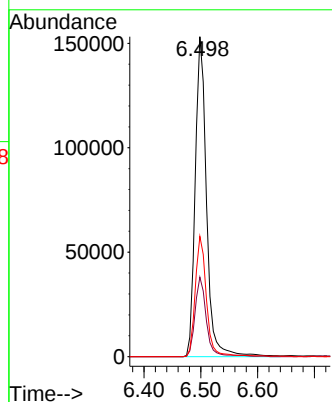
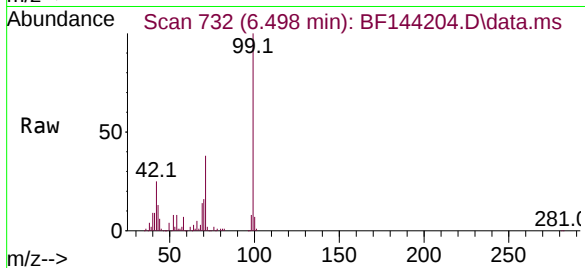




#7
Phenol-d6
Concen: 53.760 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

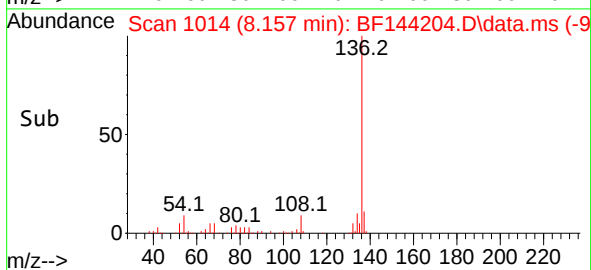
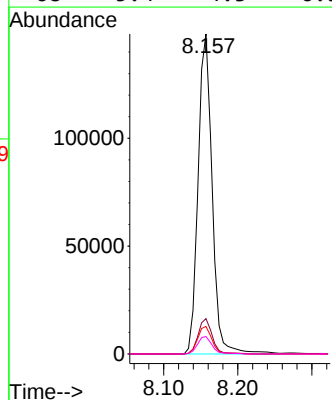
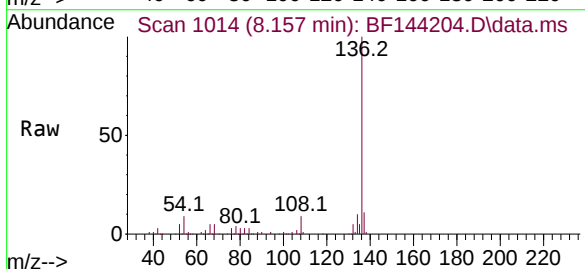
Instrument :
BNA_F
ClientSampleId :
SW-3

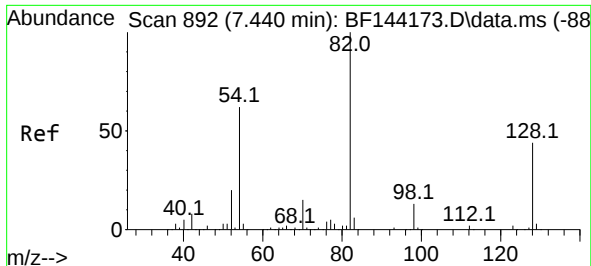
Tgt Ion: 99 Resp: 211309
Ion Ratio Lower Upper
99 100
42 24.8 20.9 31.3
71 37.6 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion: 136 Resp: 195487
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 7.0 10.6
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 87.272 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

Instrument :

BNA_F

ClientSampleId :

SW-3

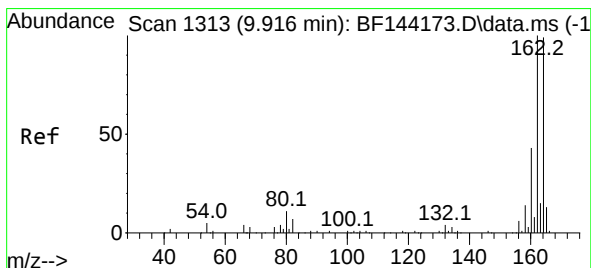
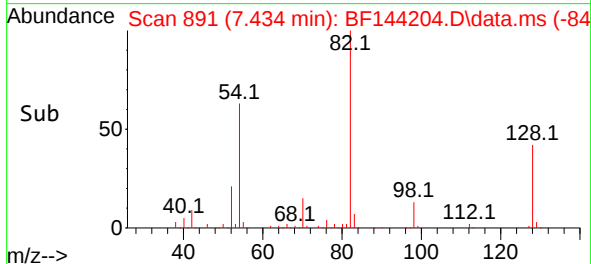
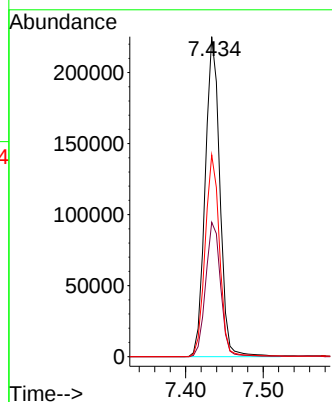
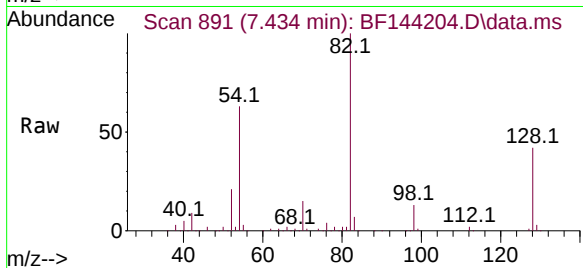
Tgt Ion: 82 Resp: 295394

Ion Ratio Lower Upper

82 100

128 42.0 34.7 52.1

54 63.0 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

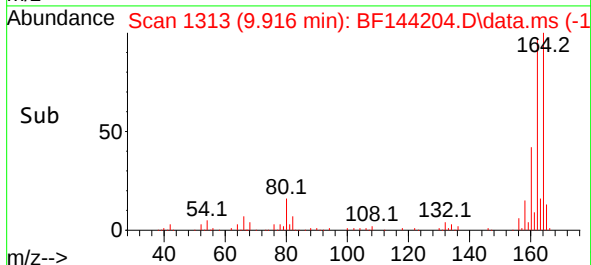
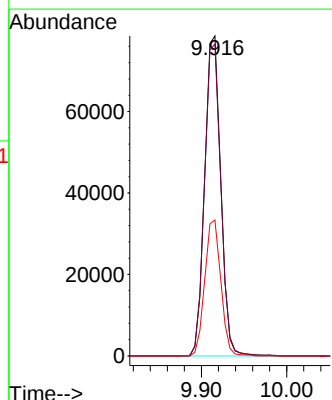
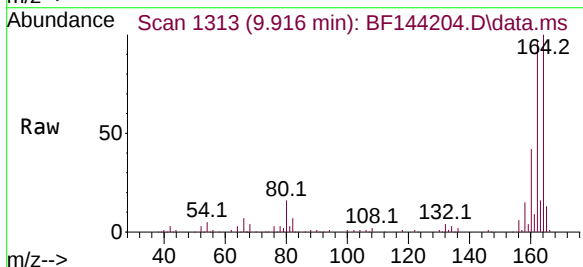
Tgt Ion:164 Resp: 102900

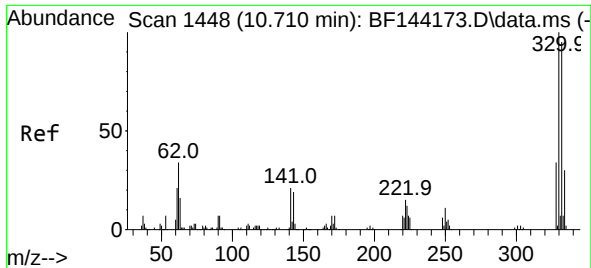
Ion Ratio Lower Upper

164 100

162 97.4 81.1 121.7

160 42.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 118.559 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

Instrument :

BNA_F

ClientSampleId :

SW-3

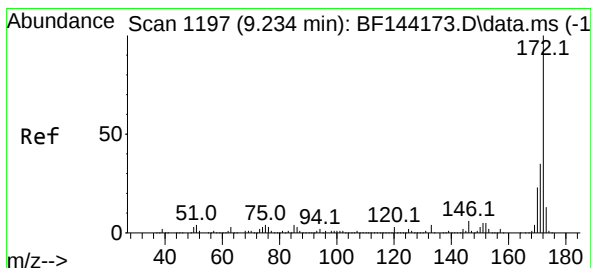
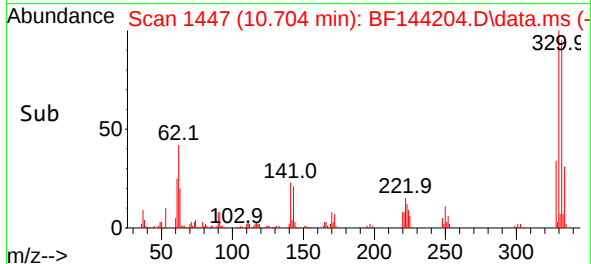
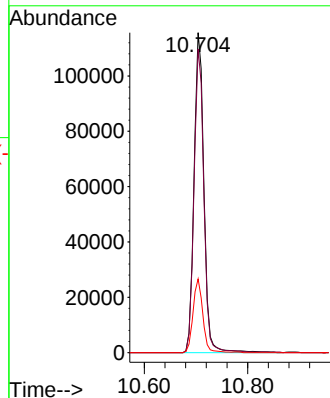
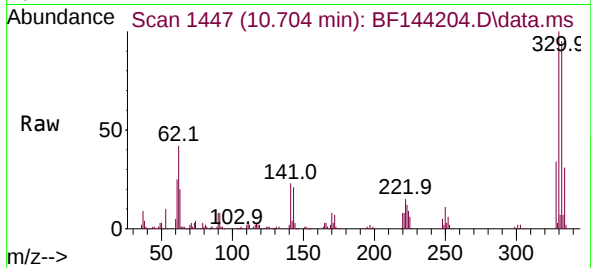
Tgt Ion:330 Resp: 153092

Ion Ratio Lower Upper

330 100

332 94.4 76.7 115.1

141 22.7 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 84.079 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

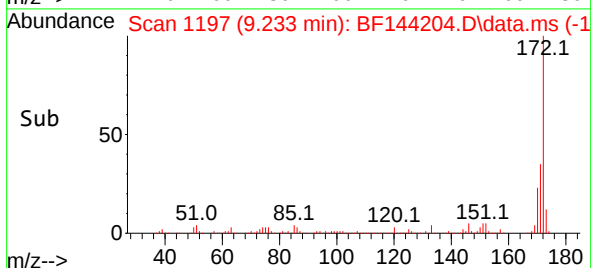
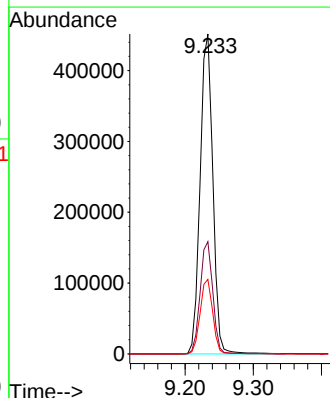
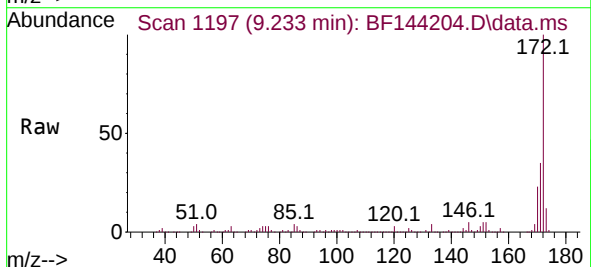
Tgt Ion:172 Resp: 585790

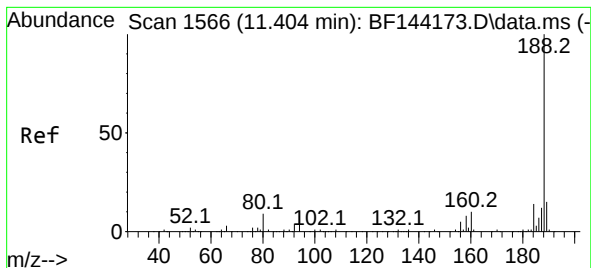
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

Instrument :

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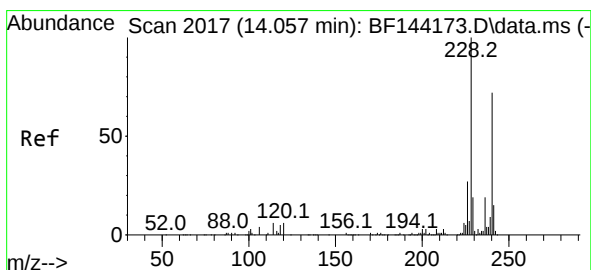
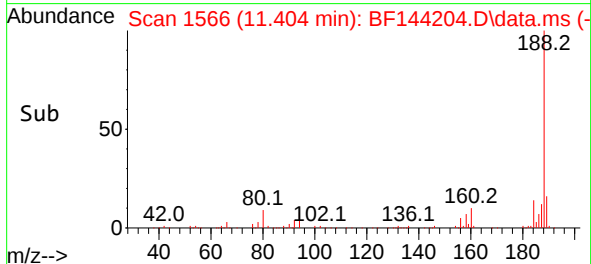
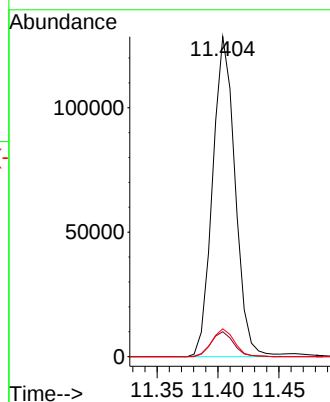
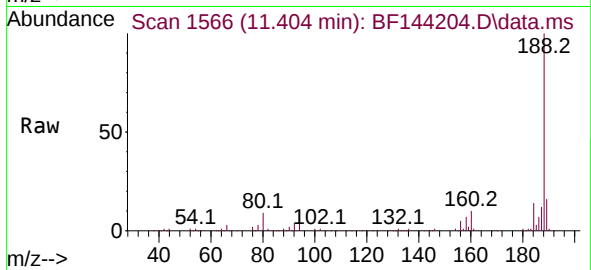
Tgt Ion:188 Resp: 165829

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.2

80 8.7 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

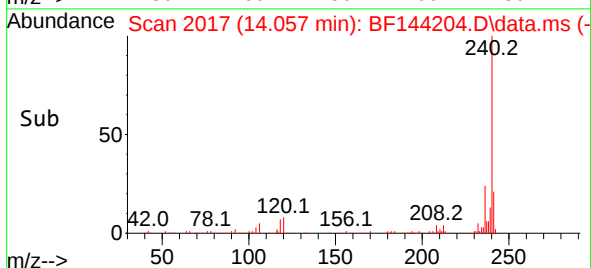
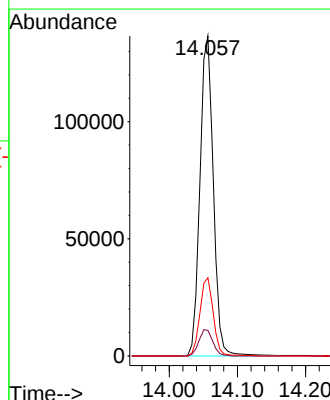
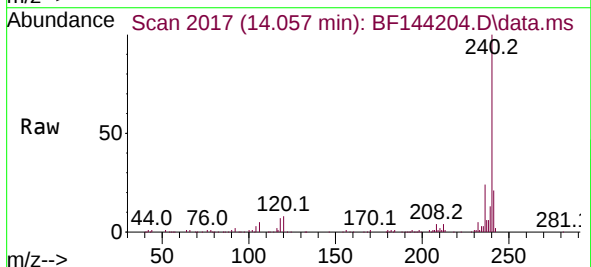
Tgt Ion:240 Resp: 186431

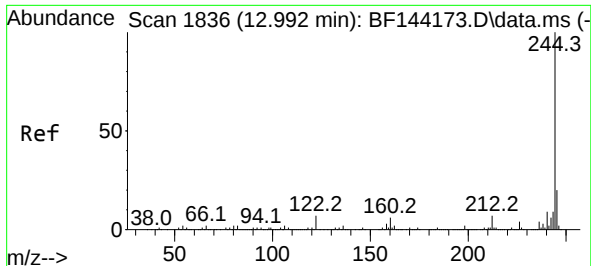
Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

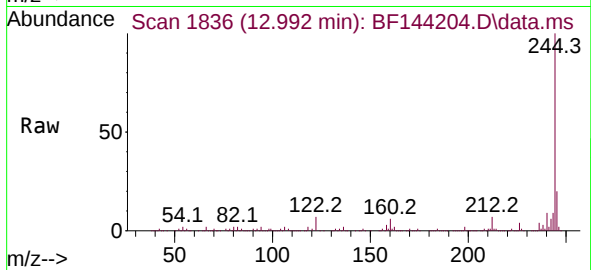
236 24.4 21.4 32.2



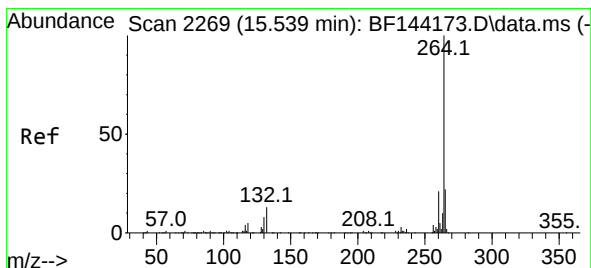
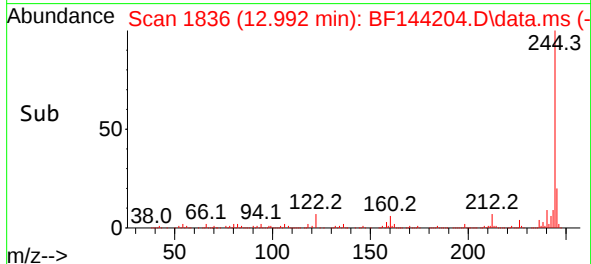
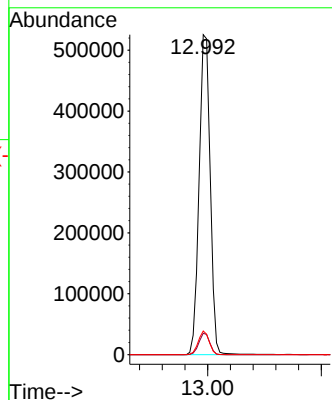


#79
 Terphenyl-d14
 Concen: 60.390 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144204.D
 Acq: 11 Nov 2025 15:38

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 708798
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 7.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF144204.D
 Acq: 11 Nov 2025 15:38

Tgt Ion:264 Resp: 227605
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.1 25.7
 265 21.2 17.4 26.0

