

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144203.D
 Acq On : 11 Nov 2025 15:09
 Operator : RC/JU
 Sample : Q3584-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-2

Quant Time: Nov 11 15:39:15 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	59255	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231451	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	119771	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	200120	20.000	ng	0.00
76) Chrysene-d12	14.057	240	163164	20.000	ng	0.00
86) Perylene-d12	15.539	264	207285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	262551	69.337	ng	0.00
7) Phenol-d6	6.498	99	236120	55.033	ng	0.00
23) Nitrobenzene-d5	7.434	82	347465	86.704	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	179630	119.515	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	686010	84.594	ng	0.00
79) Terphenyl-d14	12.992	244	686303	66.812	ng	0.00

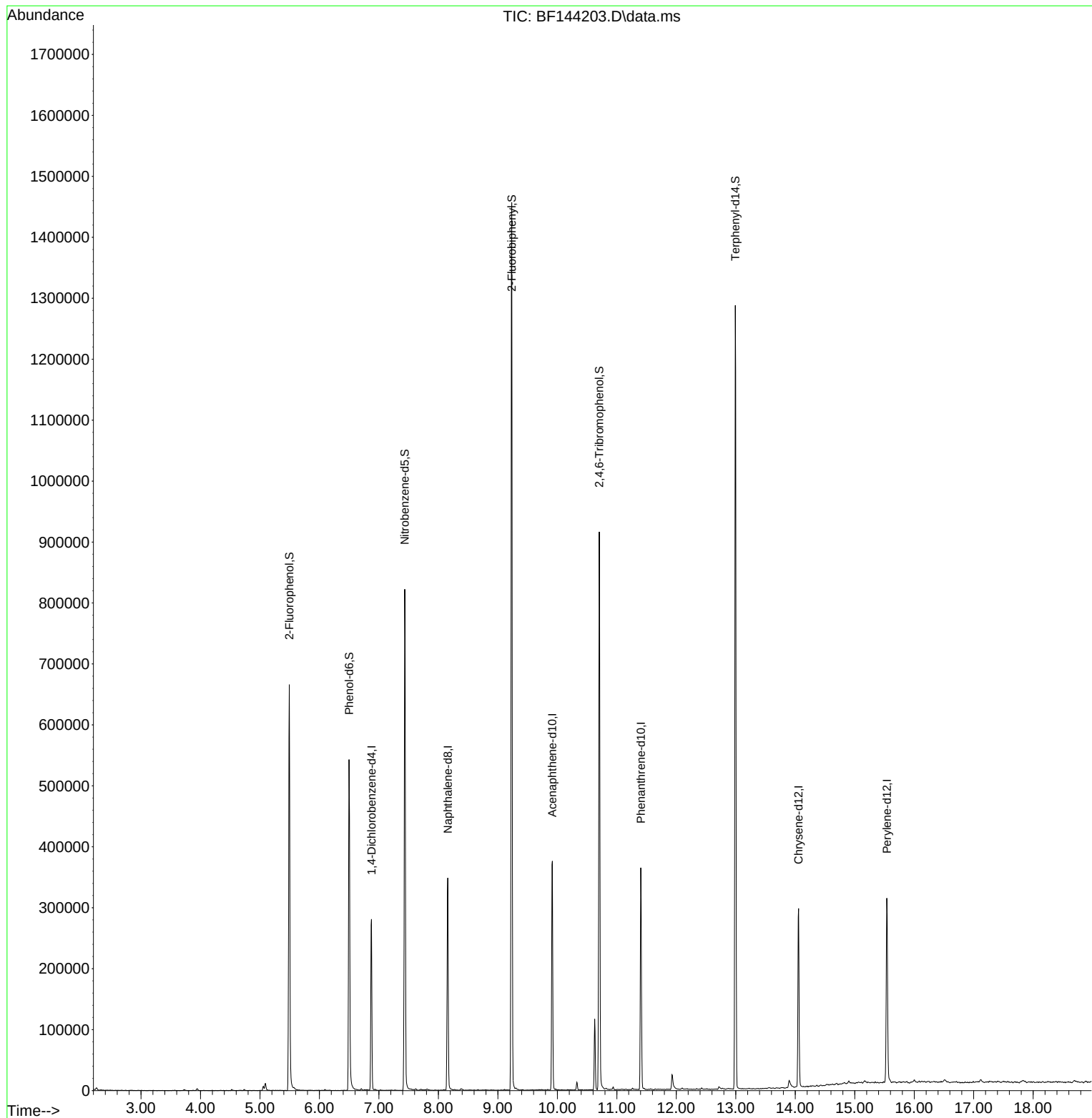
Target Compounds	Qvalue

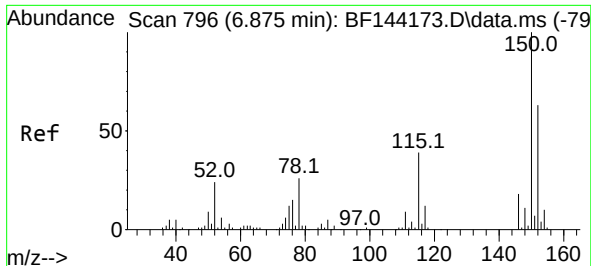
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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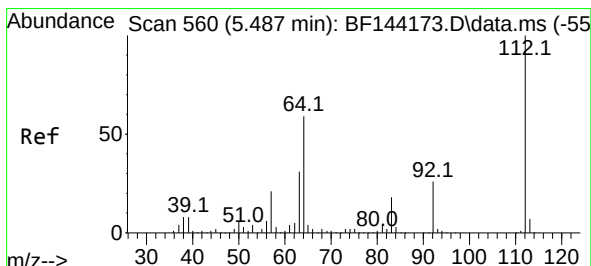
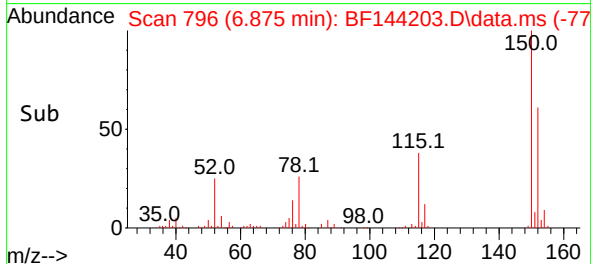
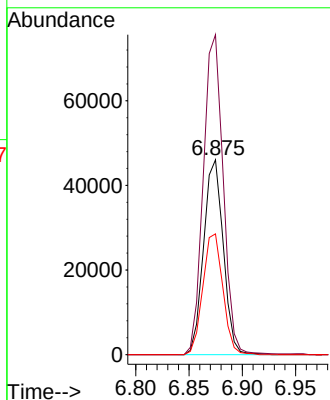
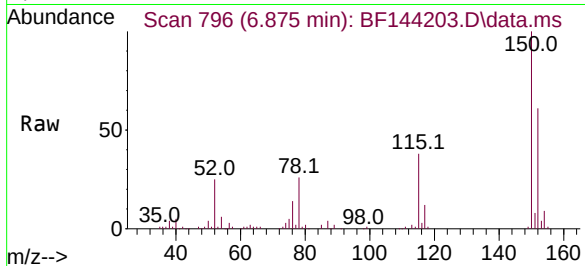




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

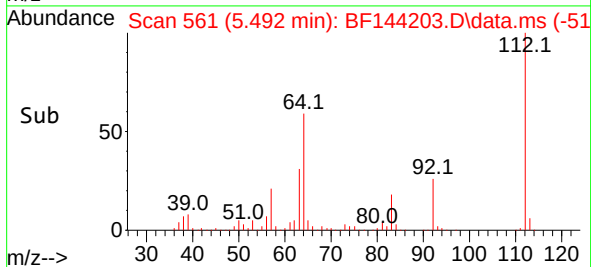
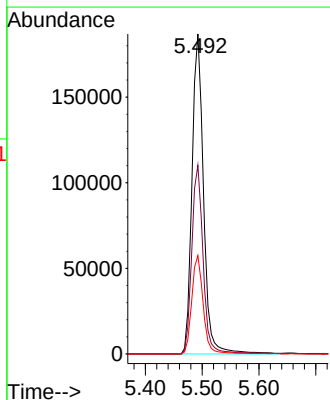
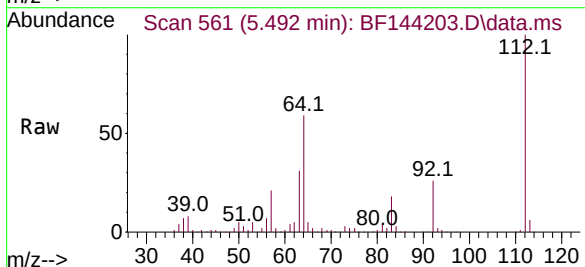
Instrument :
BNA_F
ClientSampleId :
SW-2

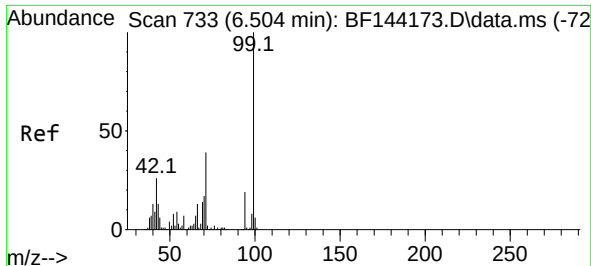
Tgt Ion:152 Resp: 59255
Ion Ratio Lower Upper
152 100
150 164.3 127.4 191.0
115 62.0 49.5 74.3



#5
2-Fluorophenol
Concen: 69.337 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:112 Resp: 262551
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 30.7 24.4 36.6





#7

Phenol-d6

Concen: 55.033 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SW-2

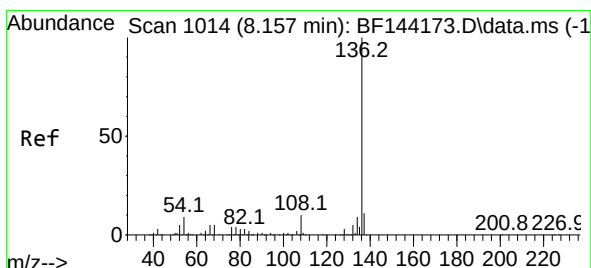
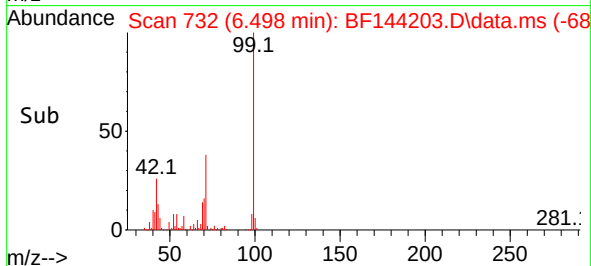
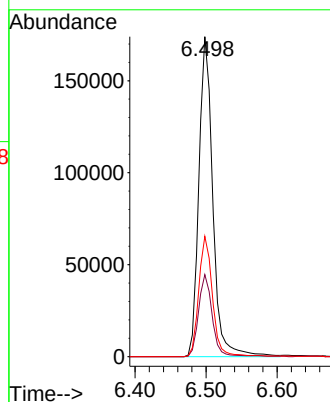
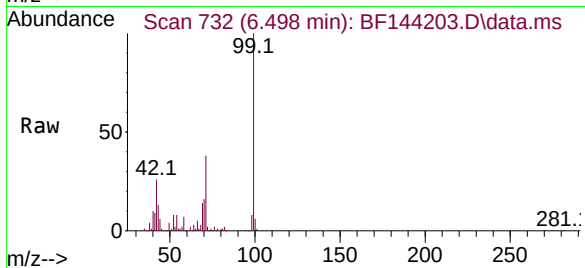
Tgt Ion: 99 Resp: 236120

Ion Ratio Lower Upper

99 100

42 25.6 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: BF144203.D

Acq: 11 Nov 2025 15:09

Tgt Ion: 136 Resp: 231451

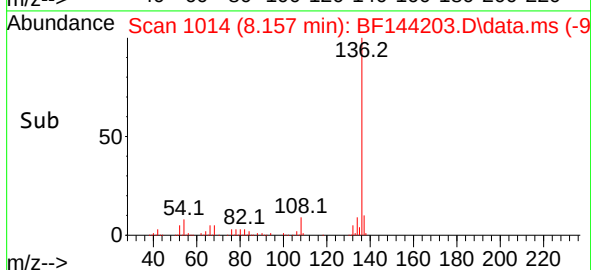
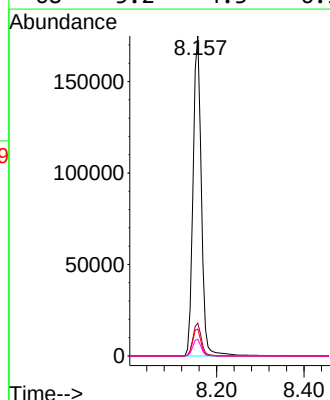
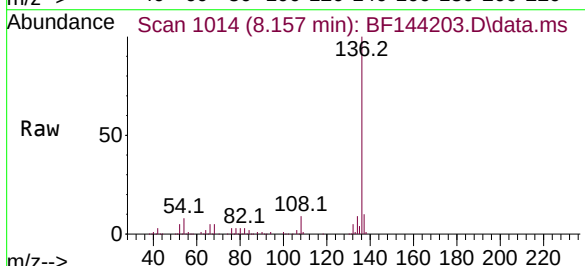
Ion Ratio Lower Upper

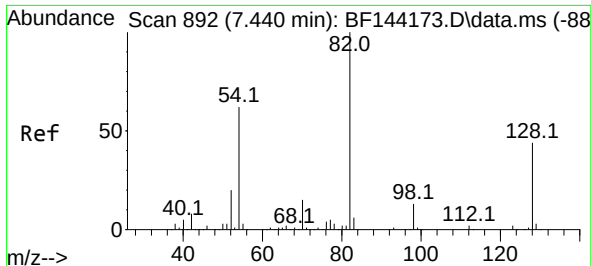
136 100

137 10.3 8.6 13.0

54 8.4 7.0 10.6

68 5.2 4.3 6.5

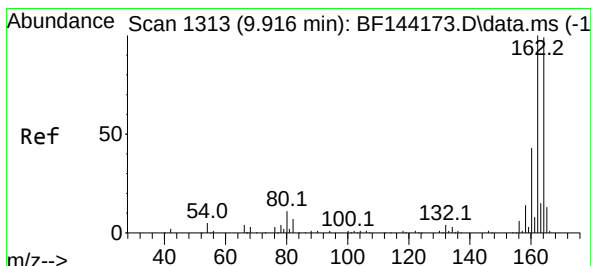
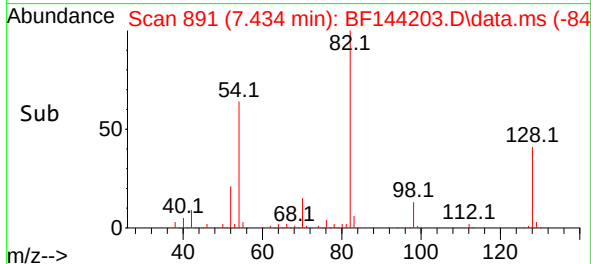
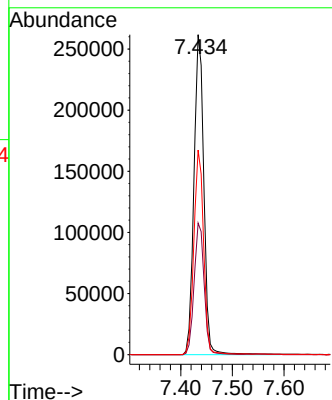
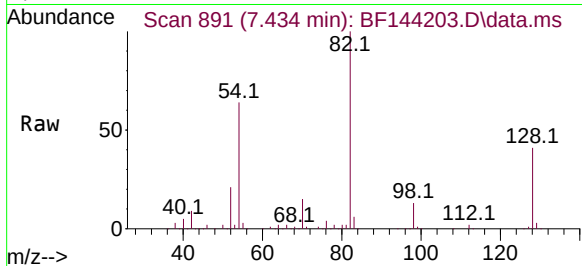




#23
Nitrobenzene-d5
Concen: 86.704 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

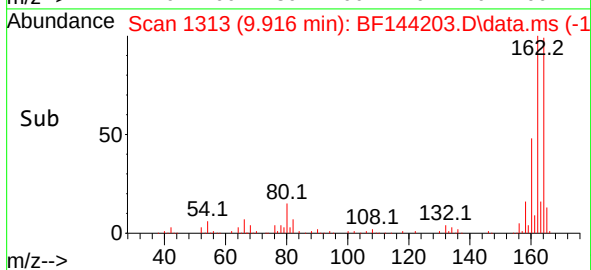
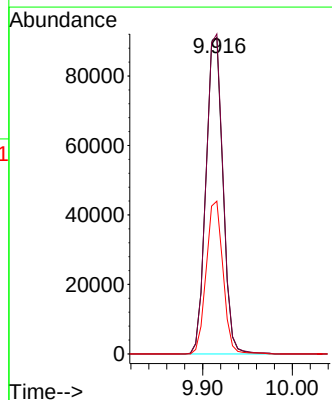
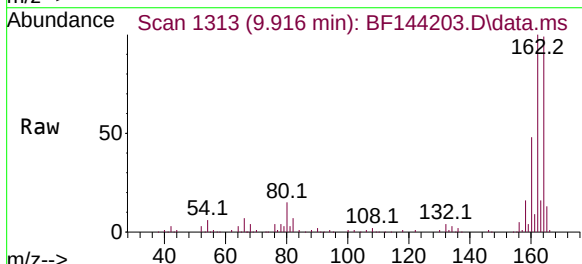
Instrument :
BNA_F
ClientSampleId :
SW-2

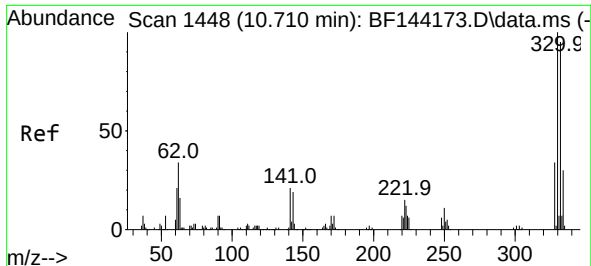
Tgt Ion: 82 Resp: 347465
Ion Ratio Lower Upper
82 100
128 41.1 34.7 52.1
54 63.9 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:164 Resp: 119771
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 48.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 119.515 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SW-2

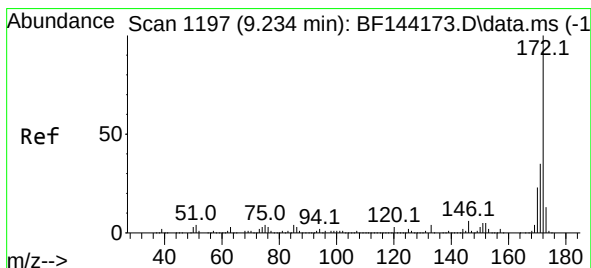
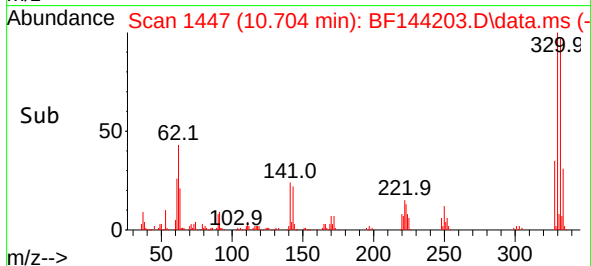
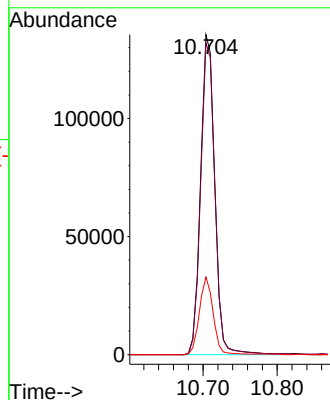
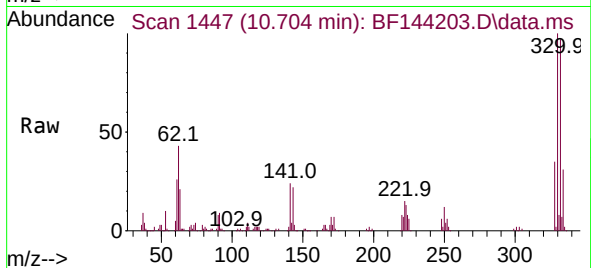
Tgt Ion:330 Resp: 179630

Ion Ratio Lower Upper

330 100

332 97.5 76.7 115.1

141 23.5 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 84.594 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

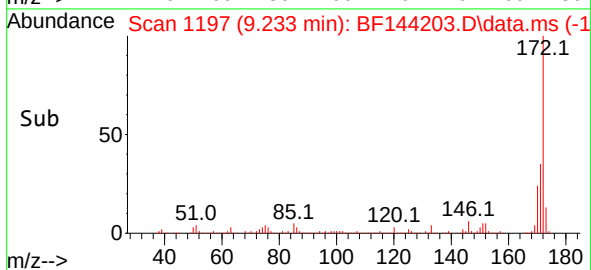
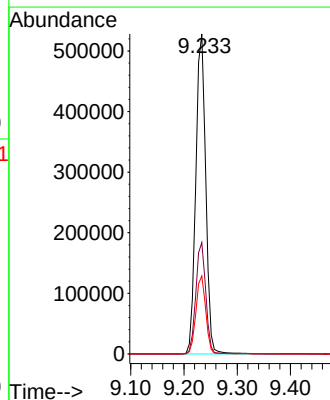
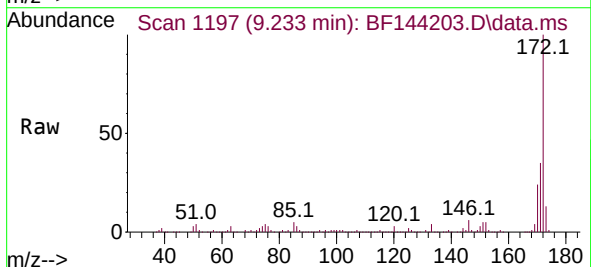
Tgt Ion:172 Resp: 686010

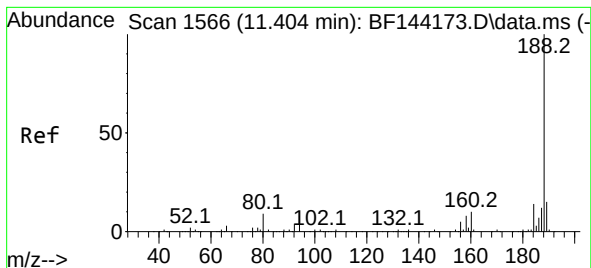
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 24.4 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: BF144203.D

Acq: 11 Nov 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SW-2

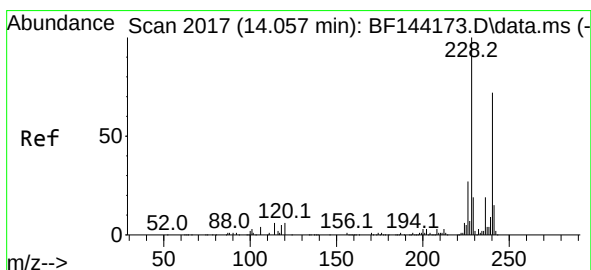
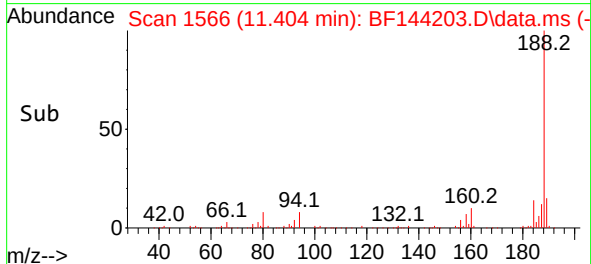
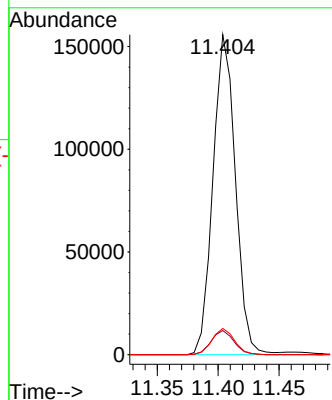
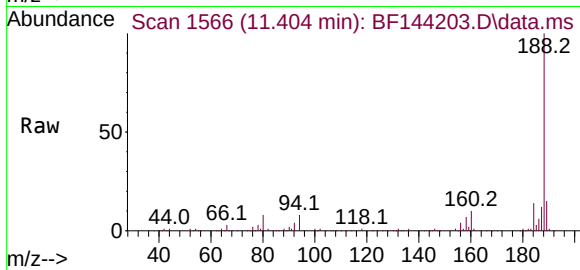
Tgt Ion:188 Resp: 200120

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

80 8.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

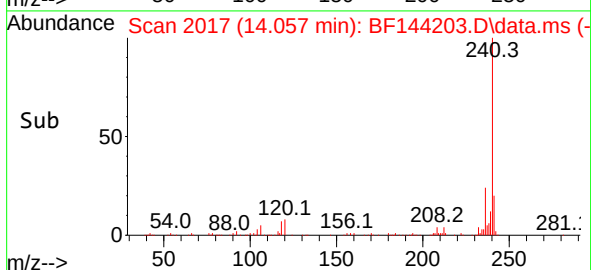
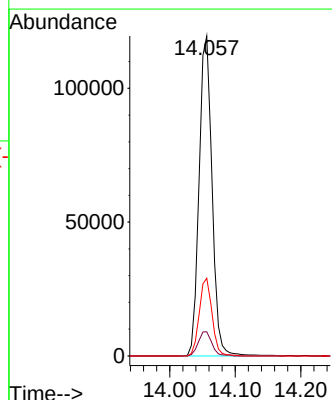
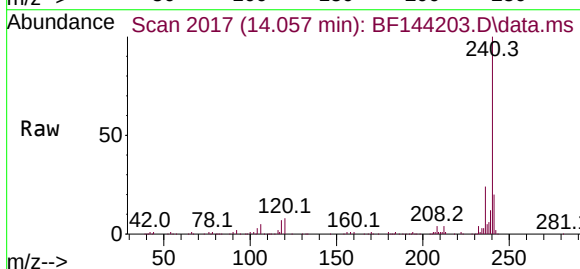
Tgt Ion:240 Resp: 163164

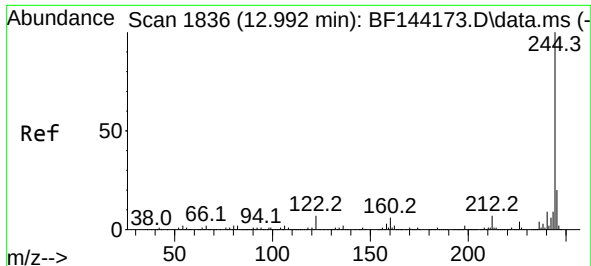
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

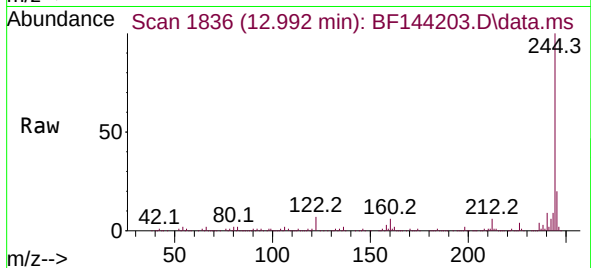
236 24.3 21.4 32.2



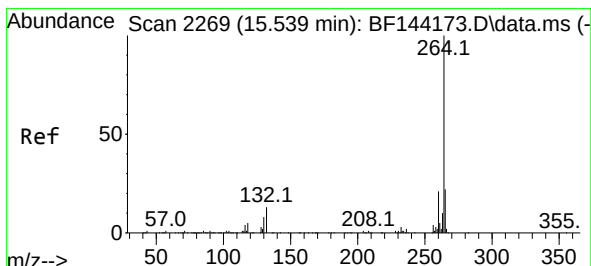
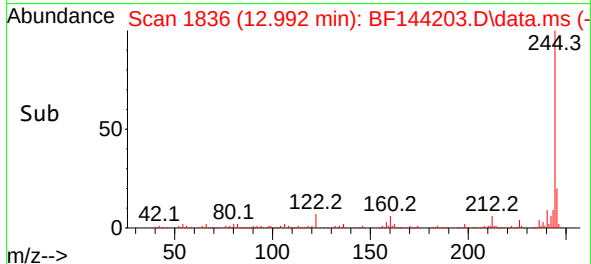
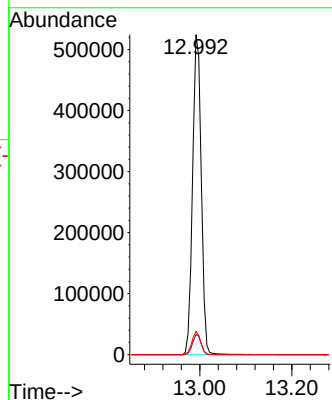


#79
 Terphenyl-d14
 Concen: 66.812 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144203.D
 Acq: 11 Nov 2025 15:09

Instrument :
 BNA_F
 ClientSampleId :
 SW-2



Tgt Ion:244 Resp: 686303
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.2 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: BF144203.D
 Acq: 11 Nov 2025 15:09

Tgt Ion:264 Resp: 207285
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.1 25.7
 265 20.6 17.4 26.0

