

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144183.D
 Acq On : 06 Nov 2025 12:56
 Operator : RC/JU
 Sample : Q3549-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4922

Quant Time: Nov 06 13:23:39 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	66420	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	259734	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	136735	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	217093	20.000	ng	0.00
76) Chrysene-d12	14.057	240	166242	20.000	ng	0.00
86) Perylene-d12	15.539	264	221740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	106697	25.138	ng	0.00
7) Phenol-d6	6.498	99	153342	31.885	ng	0.00
23) Nitrobenzene-d5	7.434	82	84989	18.898	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	96589	56.292	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	244241	26.382	ng	0.00
79) Terphenyl-d14	12.992	244	306212	29.258	ng	0.00

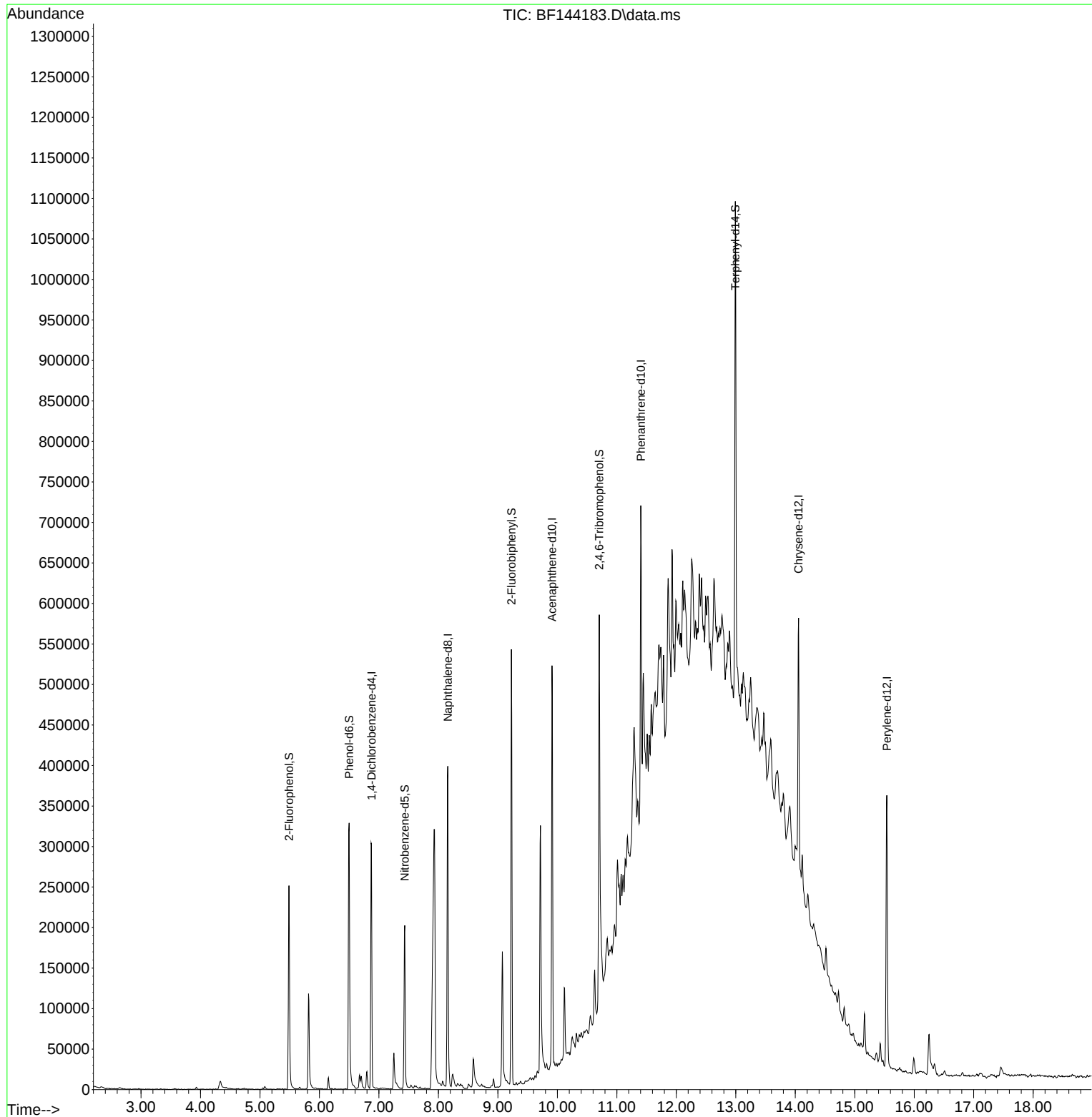
Target Compounds	Qvalue

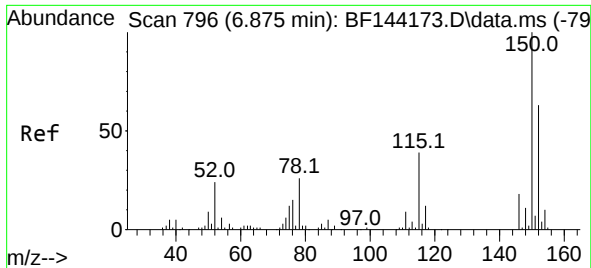
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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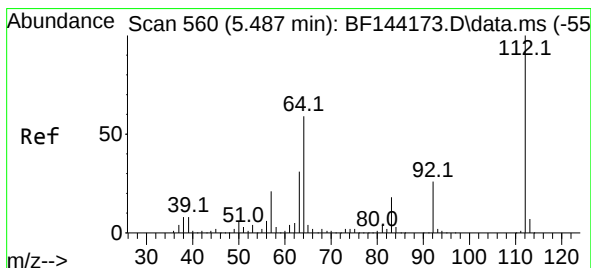
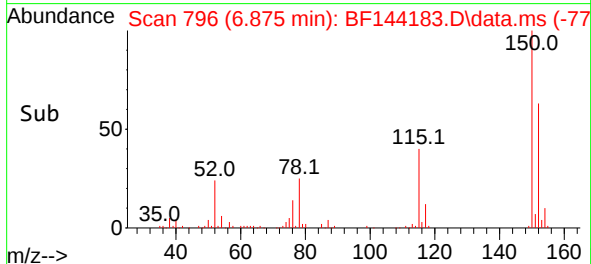
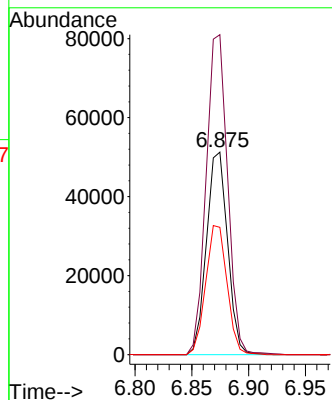
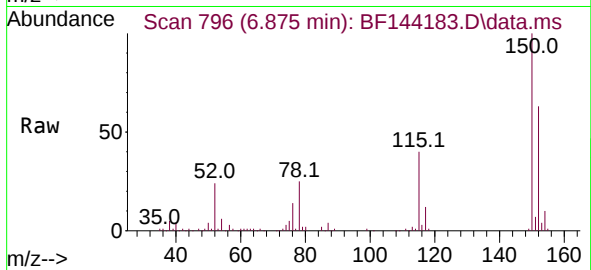




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

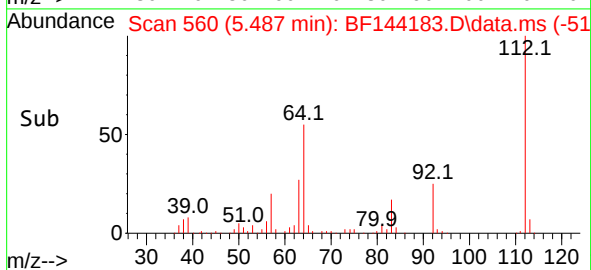
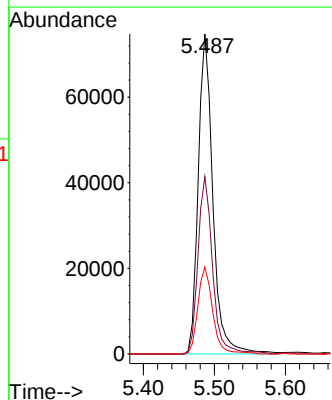
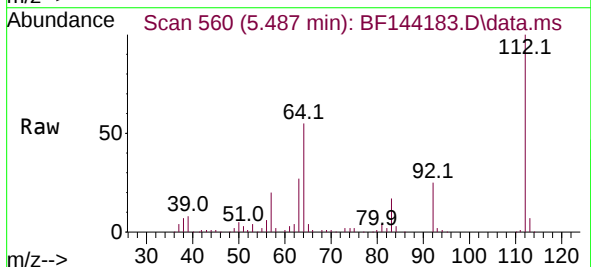
Instrument :
BNA_F
ClientSampleId :
RT4922

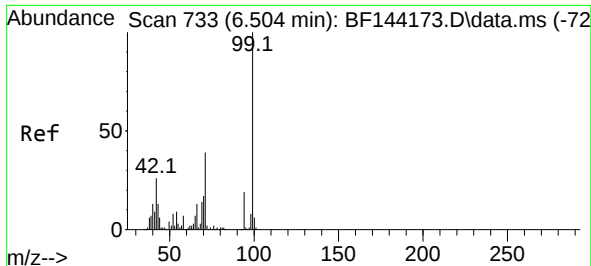
Tgt Ion:152 Resp: 66420
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 62.8 49.5 74.3



#5
2-Fluorophenol
Concen: 25.138 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

Tgt Ion:112 Resp: 106697
Ion Ratio Lower Upper
112 100
64 55.4 47.2 70.8
63 27.1 24.4 36.6





#7

Phenol-d6

Concen: 31.885 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144183.D

Acq: 06 Nov 2025 12:56

Instrument :

BNA_F

ClientSampleId :

RT4922

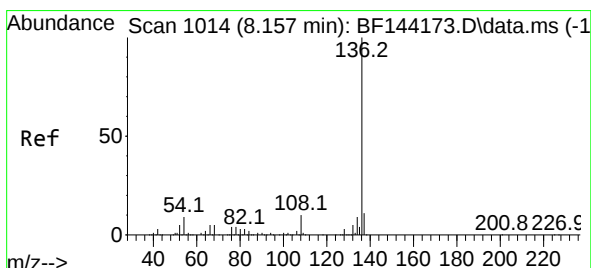
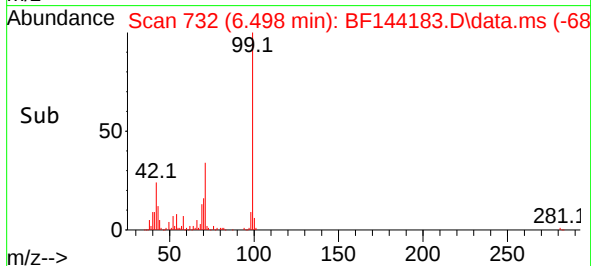
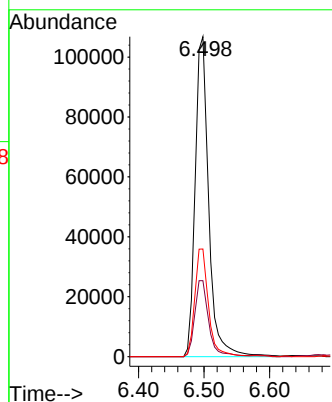
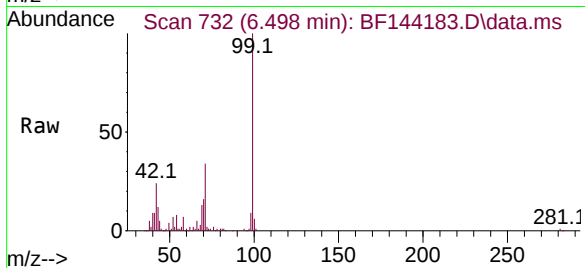
Tgt Ion: 99 Resp: 153342

Ion Ratio Lower Upper

99 100

42 23.7 20.9 31.3

71 33.6 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: BF144183.D

Acq: 06 Nov 2025 12:56

Tgt Ion: 136 Resp: 259734

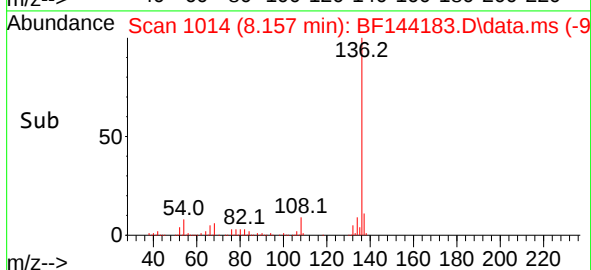
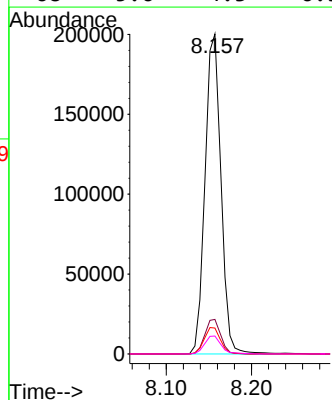
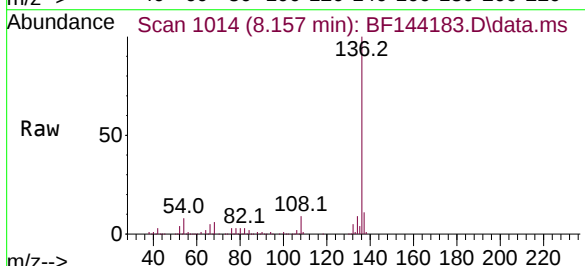
Ion Ratio Lower Upper

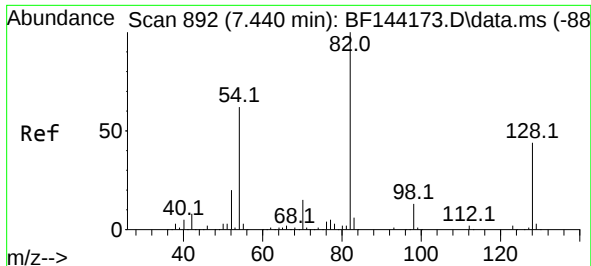
136 100

137 10.8 8.6 13.0

54 8.1 7.0 10.6

68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 18.898 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144183.D

Acq: 06 Nov 2025 12:56

Instrument :

BNA_F

ClientSampleId :

RT4922

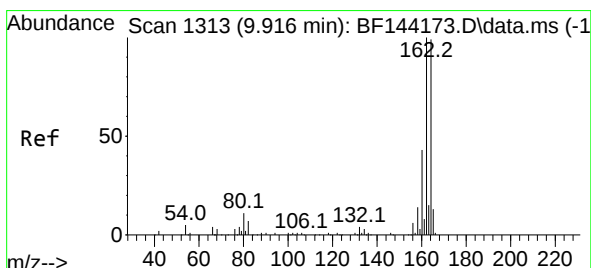
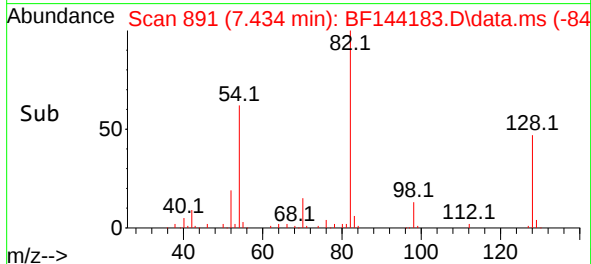
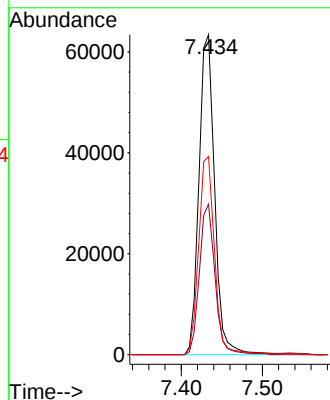
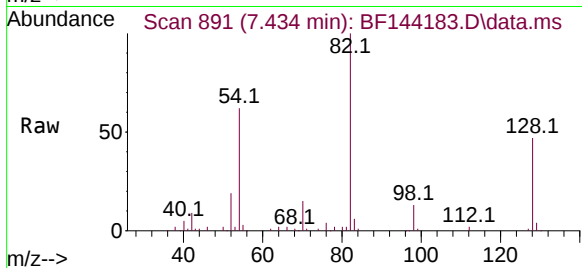
Tgt Ion: 82 Resp: 84989

Ion Ratio Lower Upper

82 100

128 47.0 34.7 52.1

54 61.9 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144183.D

Acq: 06 Nov 2025 12:56

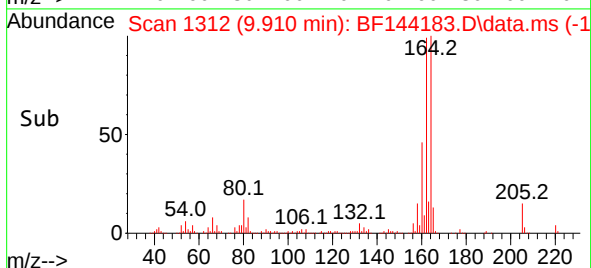
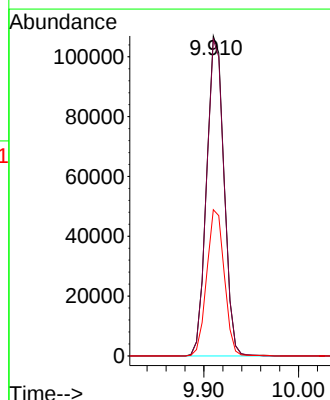
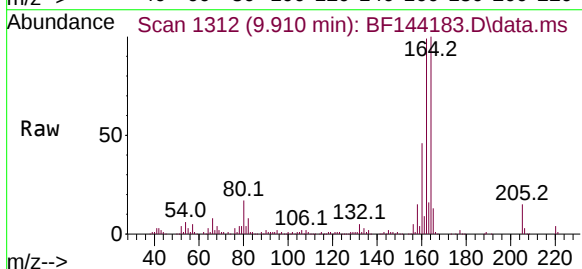
Tgt Ion:164 Resp: 136735

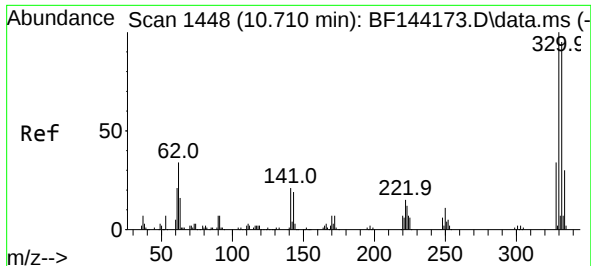
Ion Ratio Lower Upper

164 100

162 98.9 81.1 121.7

160 45.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 56.292 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144183.D

Acq: 06 Nov 2025 12:56

Instrument :

BNA_F

ClientSampleId :

RT4922

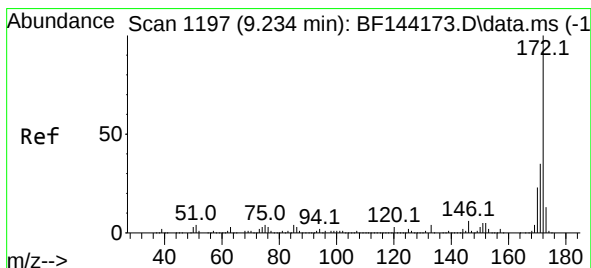
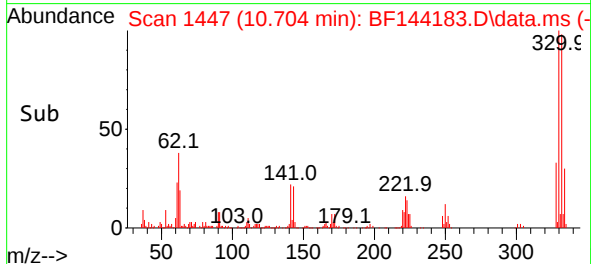
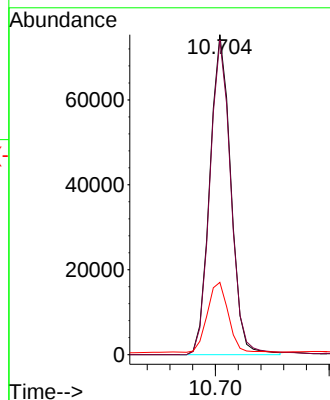
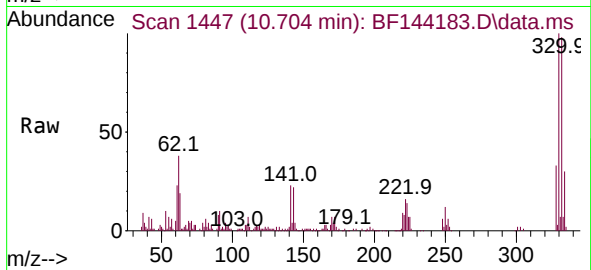
Tgt Ion:330 Resp: 96589

Ion Ratio Lower Upper

330 100

332 99.1 76.7 115.1

141 22.7 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 26.382 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144183.D

Acq: 06 Nov 2025 12:56

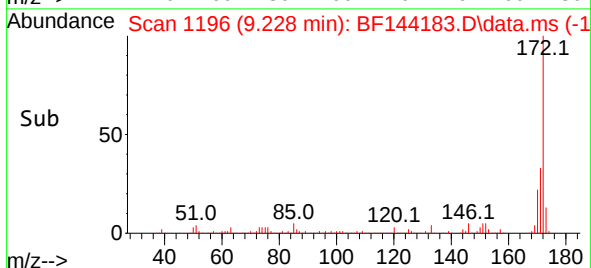
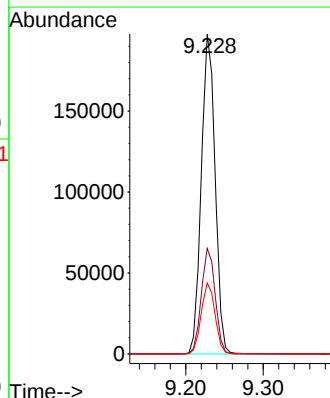
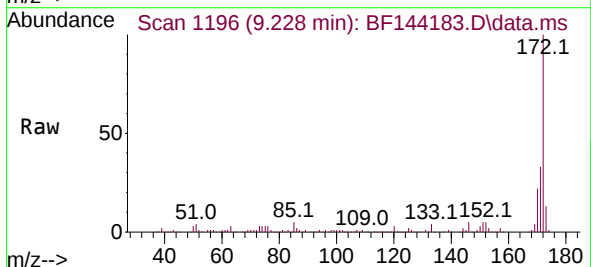
Tgt Ion:172 Resp: 244241

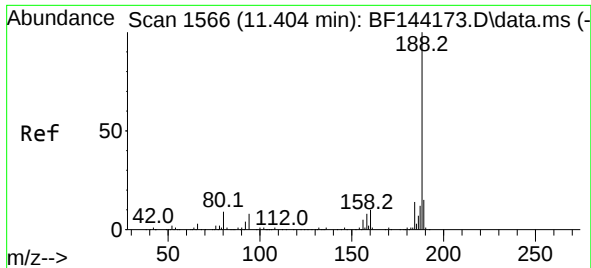
Ion Ratio Lower Upper

172 100

171 33.0 28.1 42.1

170 22.2 18.6 28.0

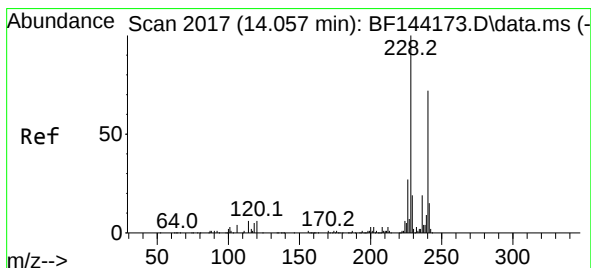
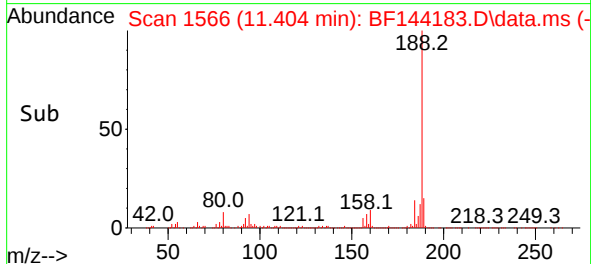
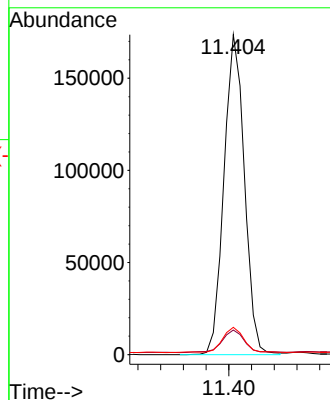
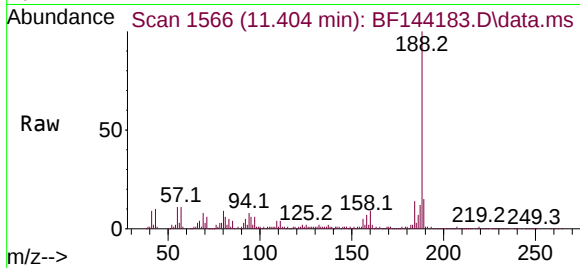




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

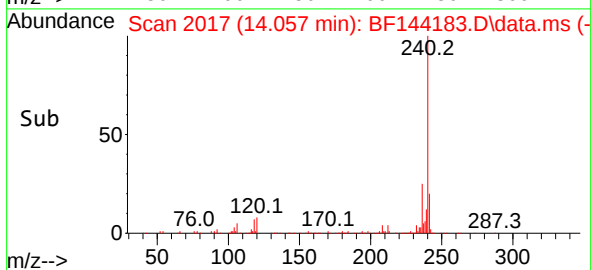
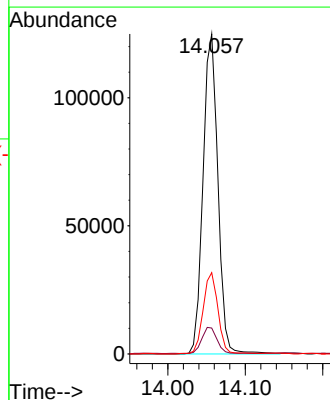
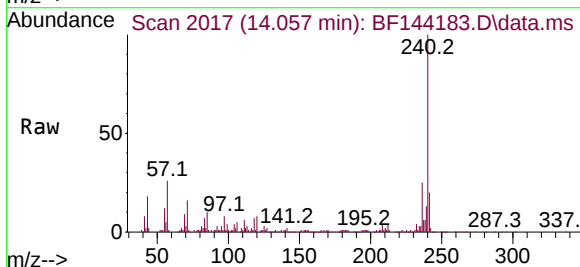
Instrument :
BNA_F
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RT4922

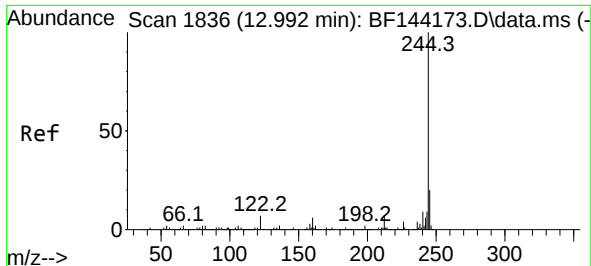
Tgt Ion:188 Resp: 217093
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

Tgt Ion:240 Resp: 166242
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.4 21.4 32.2

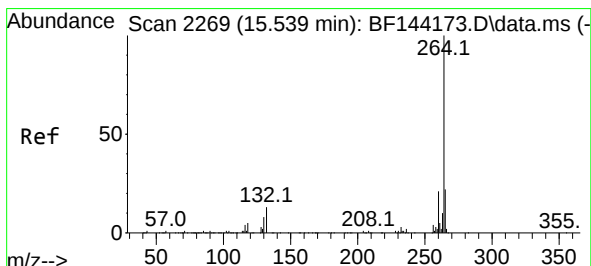
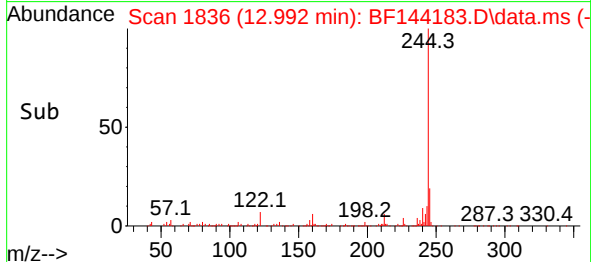
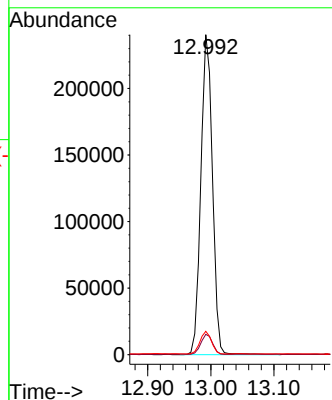
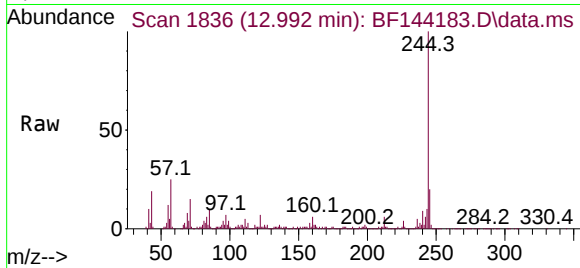




#79
 Terphenyl-d14
 Concen: 29.258 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144183.D
 Acq: 06 Nov 2025 12:56

Instrument :
 BNA_F
 ClientSampleId :
 RT4922

Tgt Ion:244 Resp: 306212
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.3 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: BF144183.D
 Acq: 06 Nov 2025 12:56

Tgt Ion:264 Resp: 221740
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.1 25.7
 265 21.0 17.4 26.0

