

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144078.D
 Acq On : 27 Oct 2025 12:26
 Operator : RC/JU
 Sample : PB170210BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170210BL

Quant Time: Oct 27 13:08:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69834	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	269261	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147528	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	293923	20.000	ng	0.00
76) Chrysene-d12	14.057	240	172811	20.000	ng	0.00
86) Perylene-d12	15.539	264	183496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363375	82.324	ng	0.01
7) Phenol-d6	6.504	99	427429	87.682	ng	0.00
23) Nitrobenzene-d5	7.439	82	413295	84.094	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	150217	79.936	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	884237	84.344	ng	0.00
79) Terphenyl-d14	12.998	244	1026051	103.799	ng	0.00

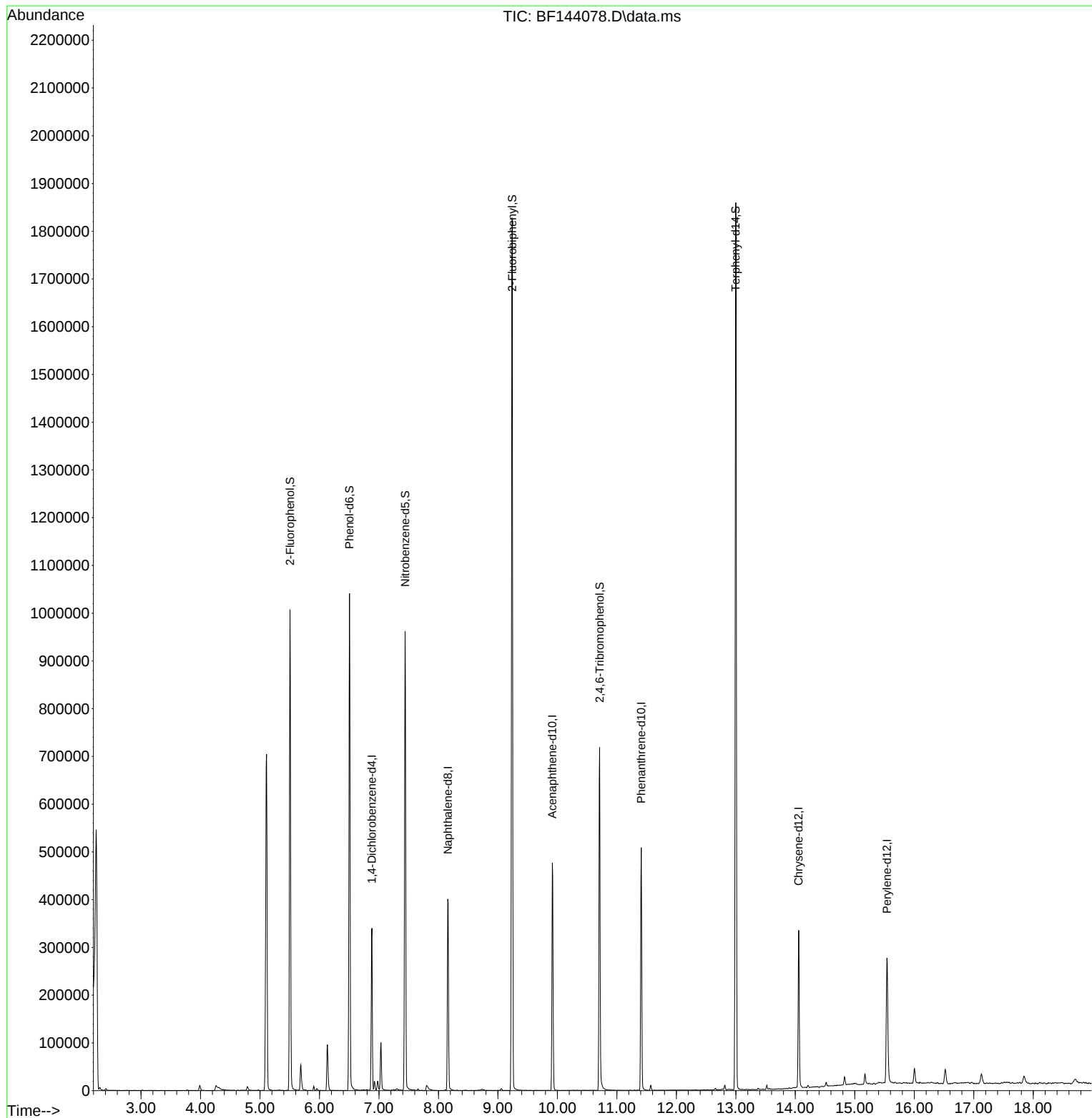
Target Compounds	Qvalue

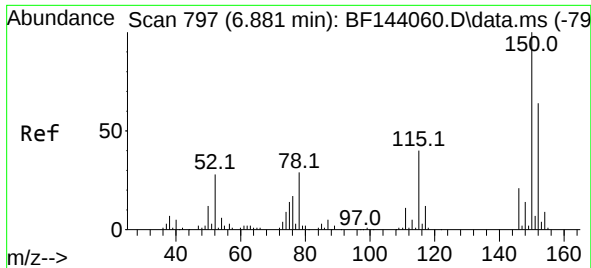
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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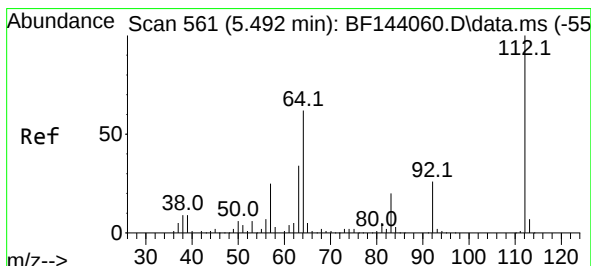
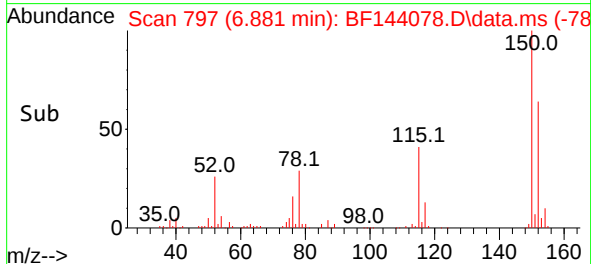
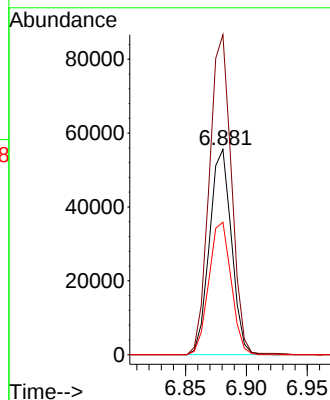
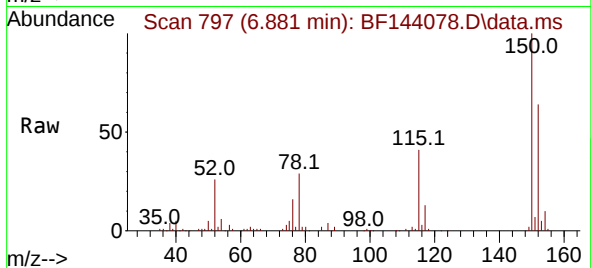




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF144078.D
 Acq: 27 Oct 2025 12:26

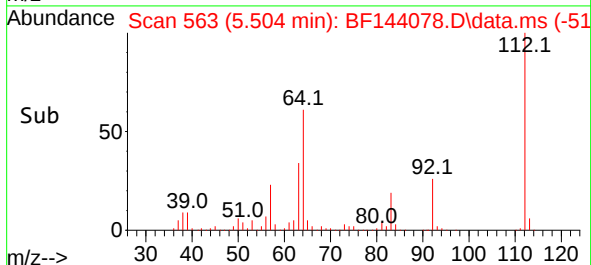
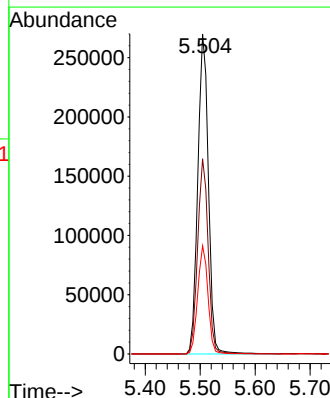
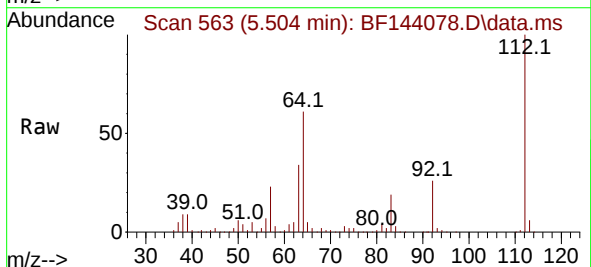
Instrument :
 BNA_F
 ClientSampleId :
 PB170210BL

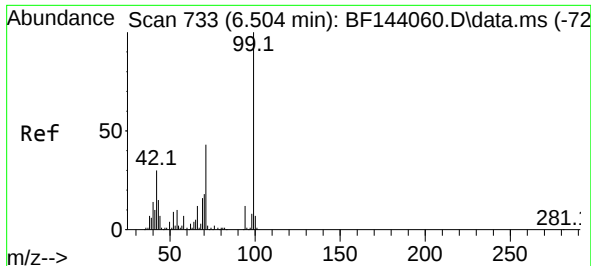
Tgt Ion:152 Resp: 69834
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.4 186.6
 115 64.6 49.4 74.0



#5
 2-Fluorophenol
 Concen: 82.324 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF144078.D
 Acq: 27 Oct 2025 12:26

Tgt Ion:112 Resp: 363375
 Ion Ratio Lower Upper
 112 100
 64 61.0 49.8 74.8
 63 33.8 27.4 41.2

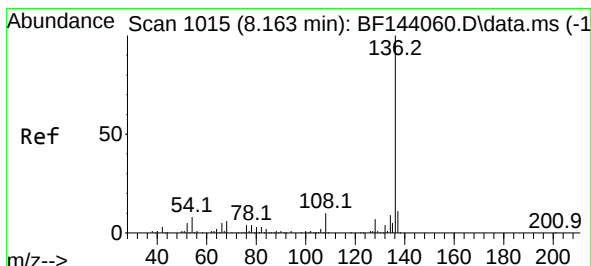
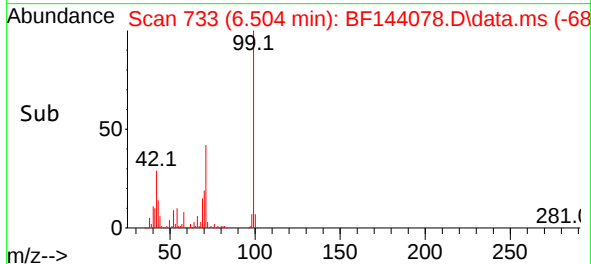
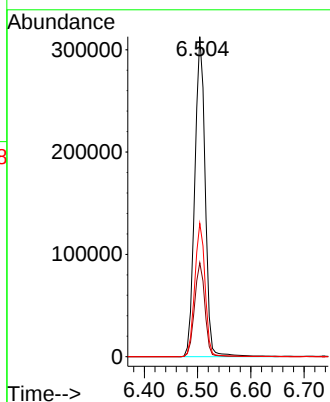
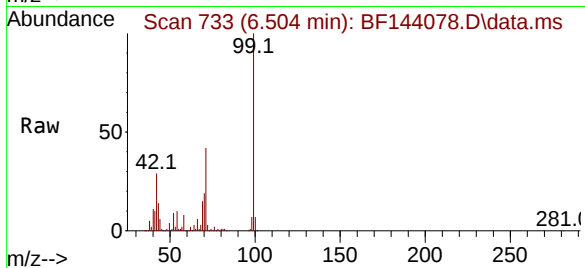




#7
Phenol-d6
Concen: 87.682 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

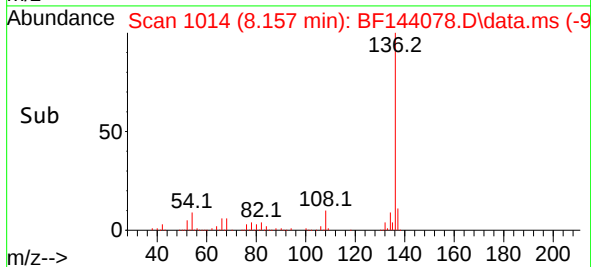
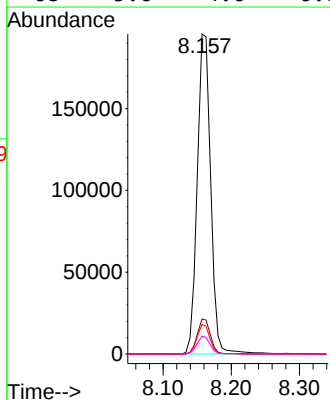
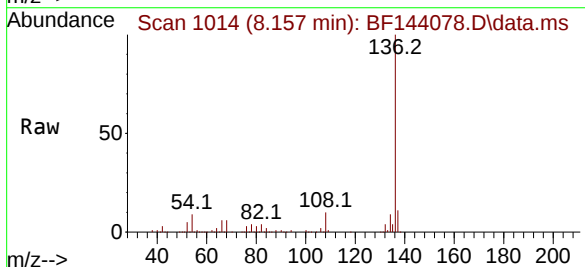
Instrument :
BNA_F
ClientSampleId :
PB170210BL

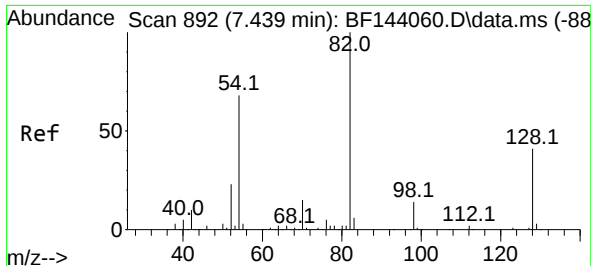
Tgt Ion: 99 Resp: 427429
Ion Ratio Lower Upper
99 100
42 29.4 23.9 35.9
71 41.7 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

Tgt Ion:136 Resp: 269261
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 6.6 9.8
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.094 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

Instrument :

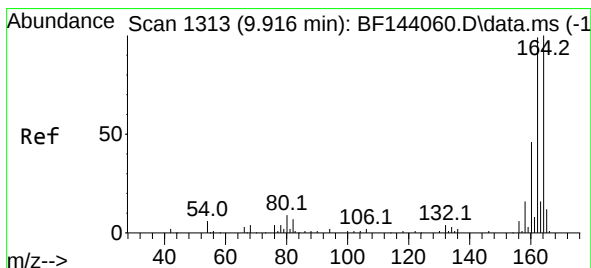
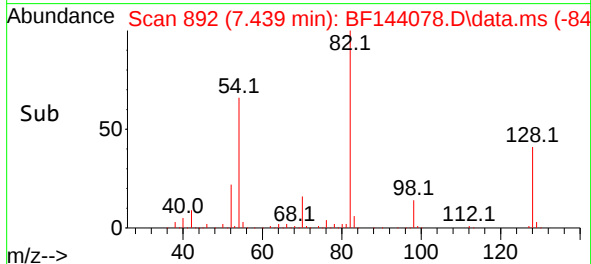
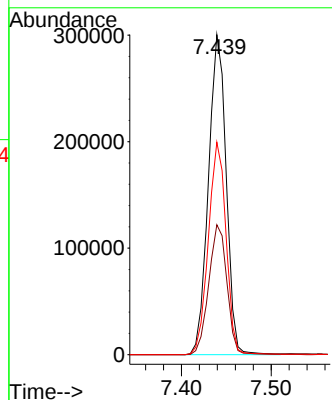
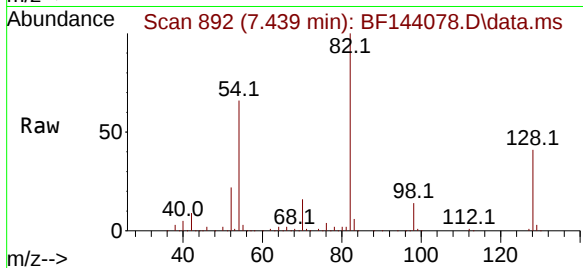
BNA_F

ClientSampleId :

PB170210BL

Tgt Ion: 82 Resp: 413295

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.4	48.6
54	66.4	54.0	81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

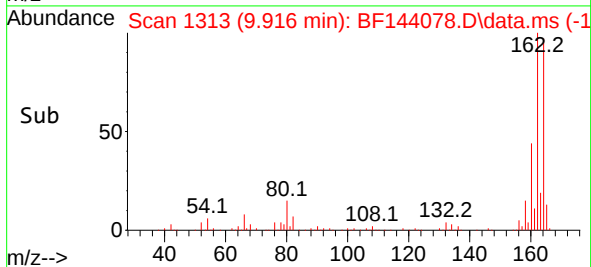
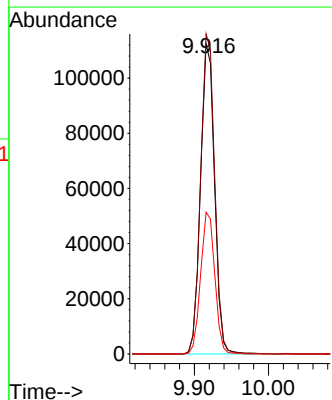
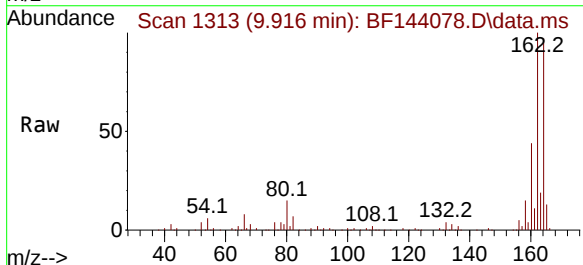
Delta R.T. 0.000 min

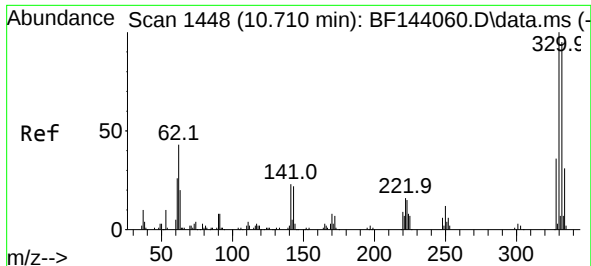
Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

Tgt Ion:164 Resp: 147528

Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.4	119.2
160	45.7	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 79.936 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB170210BL

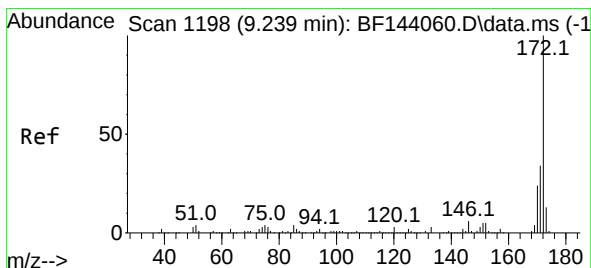
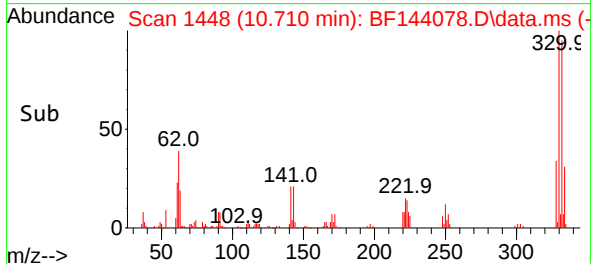
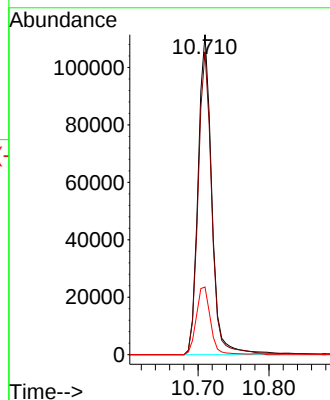
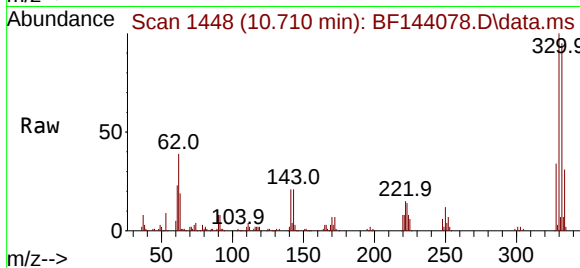
Tgt Ion:330 Resp: 150217

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

141 21.8 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 84.344 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

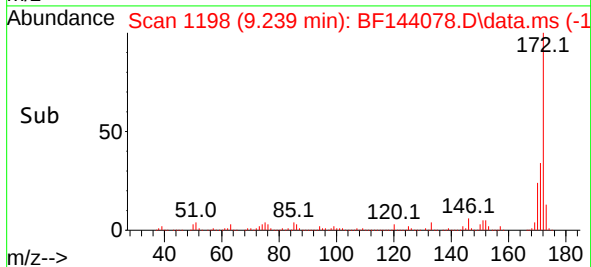
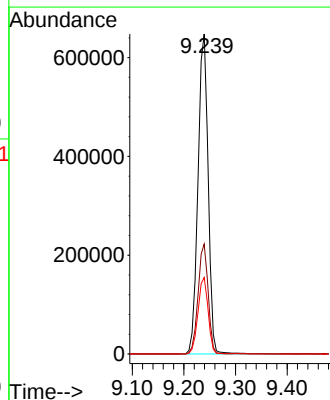
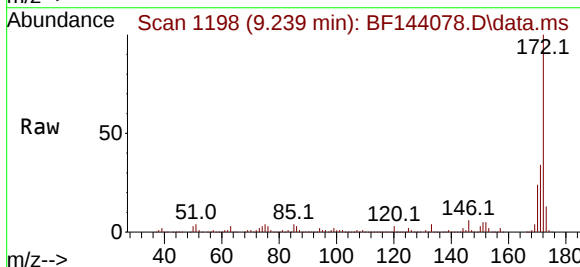
Tgt Ion:172 Resp: 884237

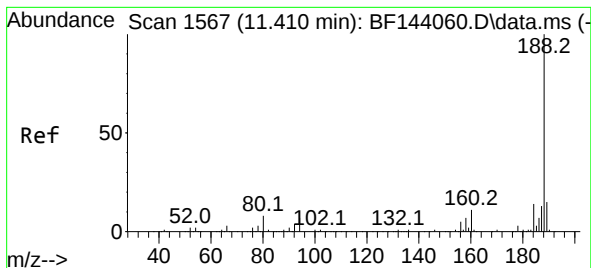
Ion Ratio Lower Upper

172 100

171 34.3 27.5 41.3

170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB170210BL

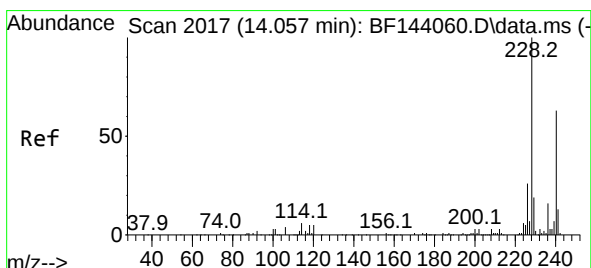
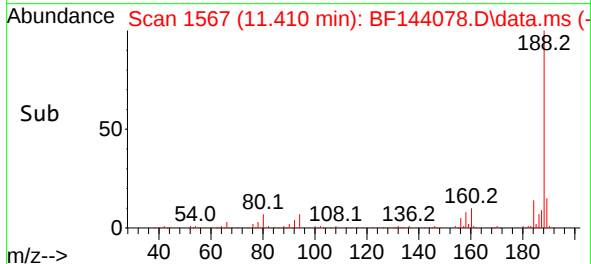
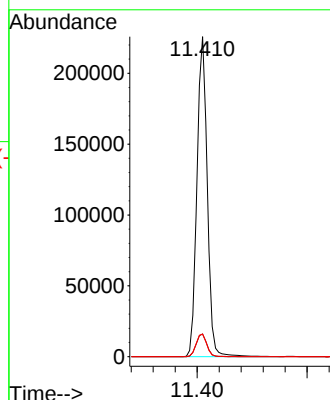
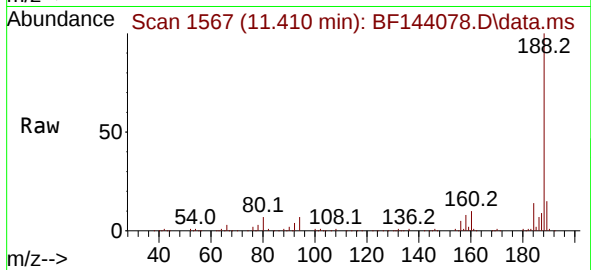
Tgt Ion:188 Resp: 293923

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.0

80 7.1 6.0 9.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

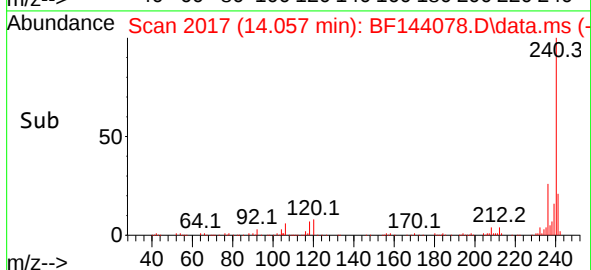
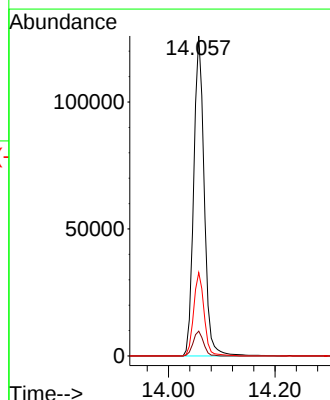
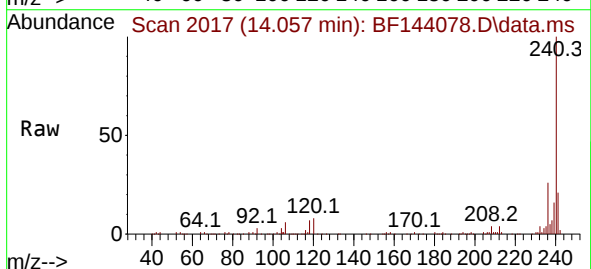
Tgt Ion:240 Resp: 172811

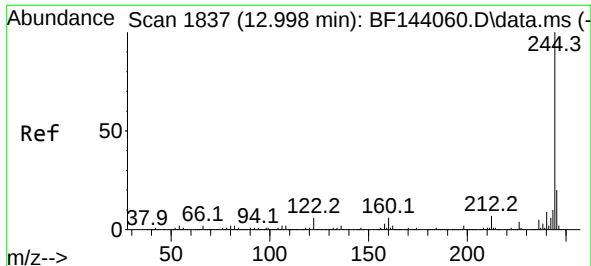
Ion Ratio Lower Upper

240 100

120 7.7 6.5 9.7

236 26.1 20.1 30.1

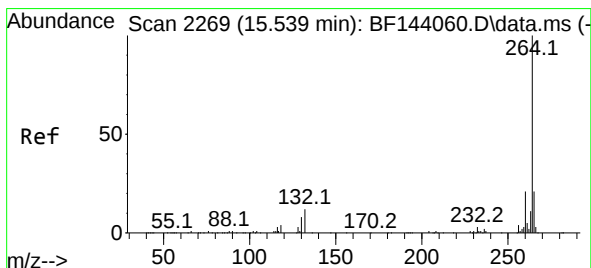
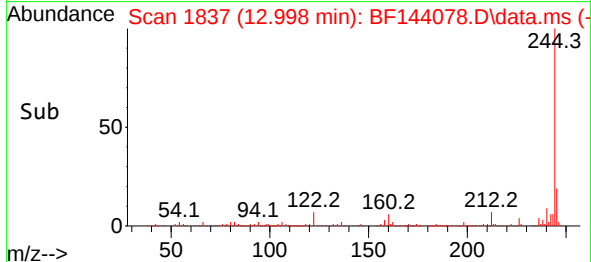
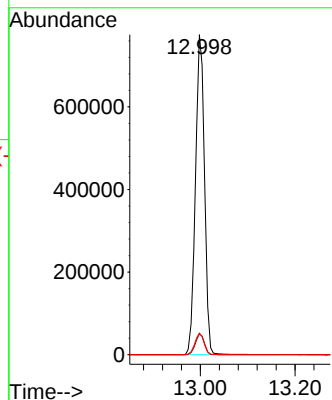
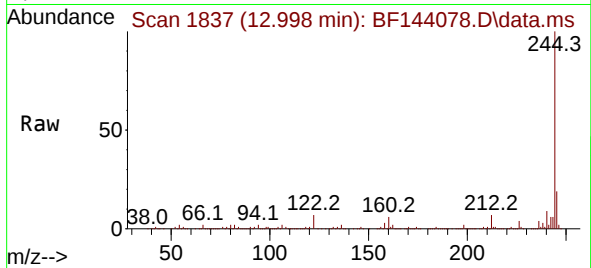




#79
 Terphenyl-d14
 Concen: 103.799 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144078.D
 Acq: 27 Oct 2025 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB170210BL

Tgt Ion:244 Resp: 1026051
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 6.8 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144078.D
 Acq: 27 Oct 2025 12:26

Tgt Ion:264 Resp: 183496
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.0 25.4
 265 21.5 16.6 24.8

