

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144110.D
 Acq On : 28 Oct 2025 19:43
 Operator : RC/JU
 Sample : Q3460-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 29 05:46:03 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	70020	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	269835	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	158439	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	289140	20.000	ng	0.00
76) Chrysene-d12	14.051	240	153490	20.000	ng	0.00
86) Perylene-d12	15.533	264	170256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	505283	114.169	ng	0.02
7) Phenol-d6	6.510	99	534335	109.321	ng	0.00
23) Nitrobenzene-d5	7.439	82	429900	87.287	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	296055	146.692	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	917768	81.514	ng	0.00
79) Terphenyl-d14	12.998	244	999205	113.807	ng	0.00

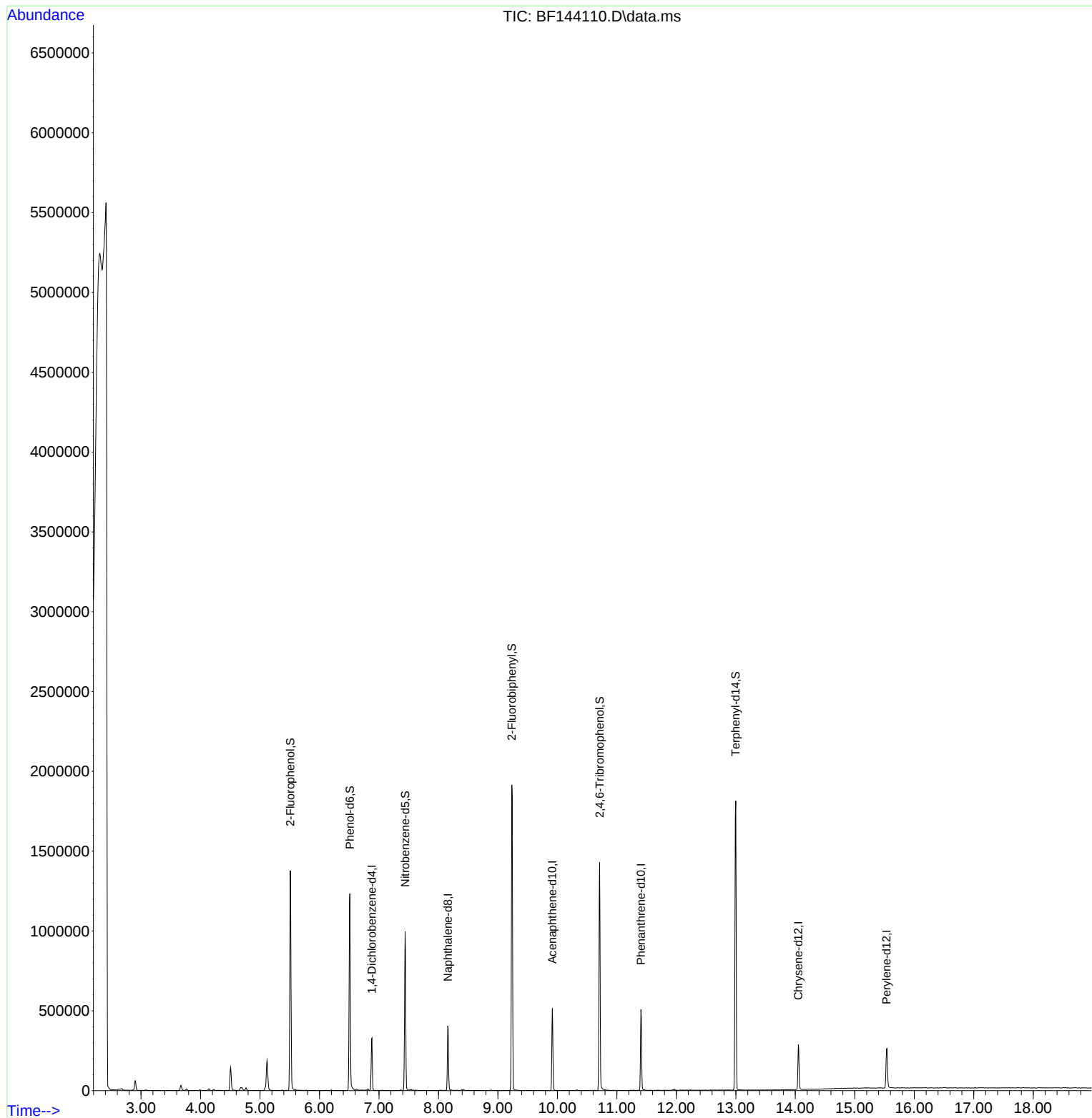
Target Compounds	Qvalue

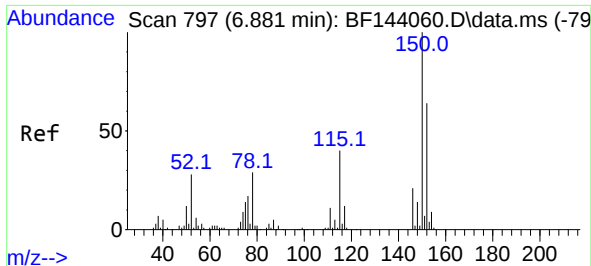
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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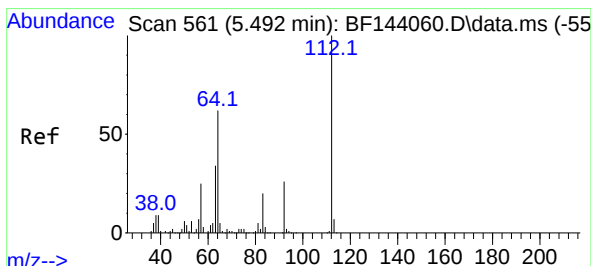
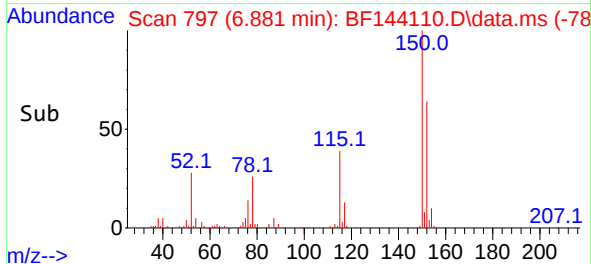
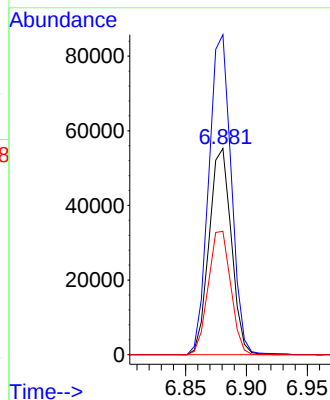
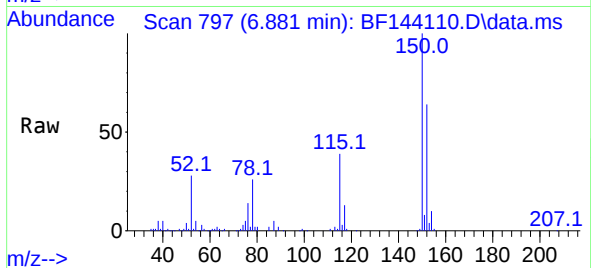




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

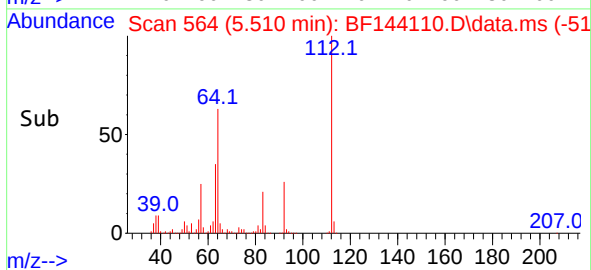
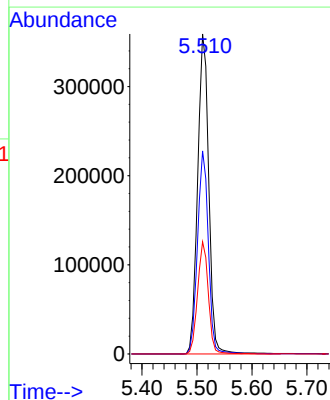
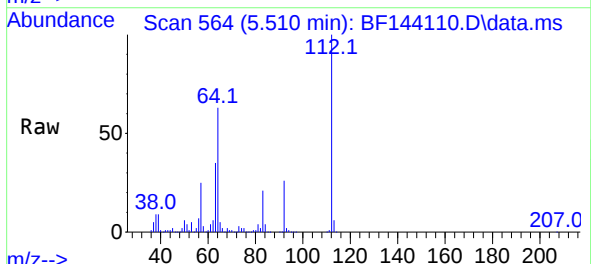
Instrument :
BNA_F
ClientSampleId :
WC-1

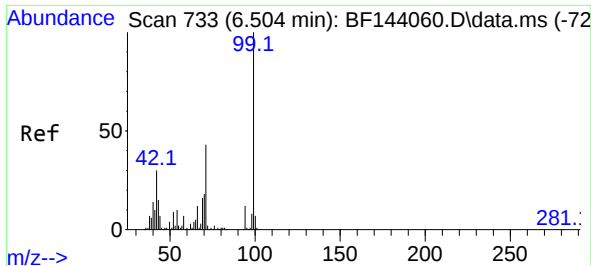
Tgt Ion:152 Resp: 70020
Ion Ratio Lower Upper
152 100
150 155.2 124.4 186.6
115 59.8 49.4 74.0



#5
2-Fluorophenol
Concen: 114.169 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

Tgt Ion:112 Resp: 505283
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.8
63 35.0 27.4 41.2

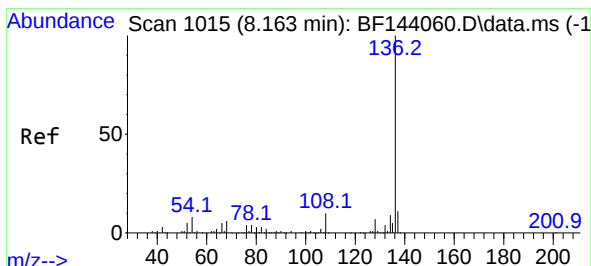
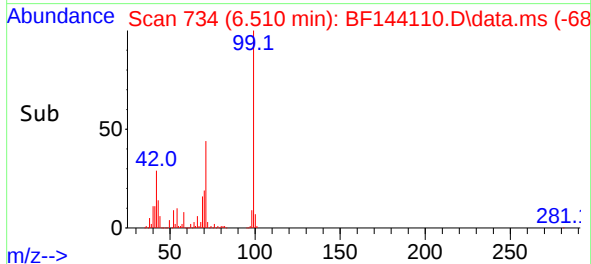
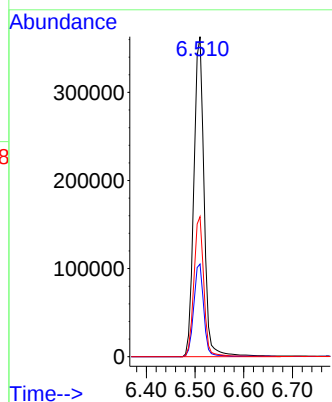
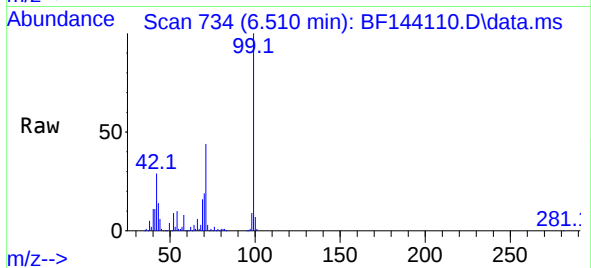




#7
Phenol-d6
Concen: 109.321 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

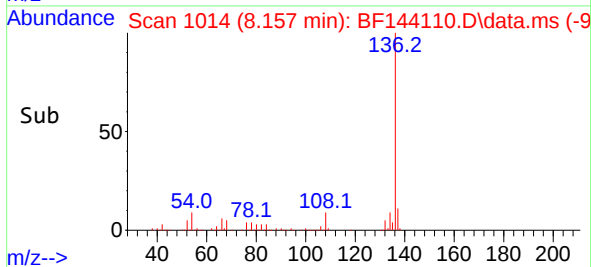
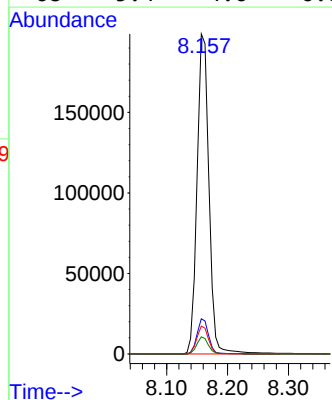
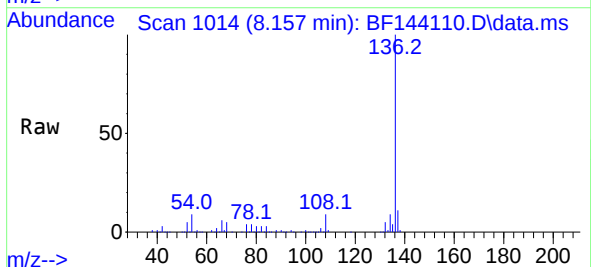
Instrument :
BNA_F
ClientSampleId :
WC-1

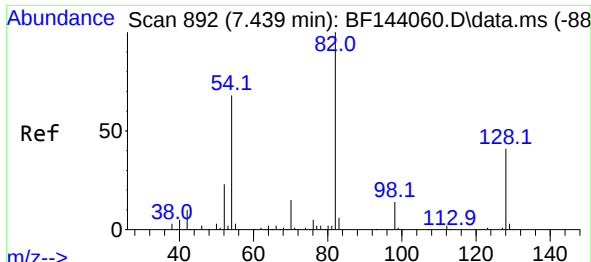
Tgt Ion: 99 Resp: 534335
Ion Ratio Lower Upper
99 100
42 29.0 23.9 35.9
71 43.7 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

Tgt Ion: 136 Resp: 269835
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.6 9.8
68 5.4 4.6 6.8

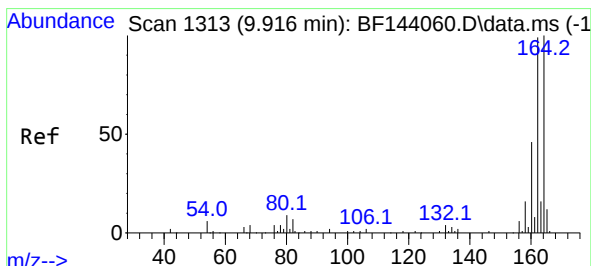
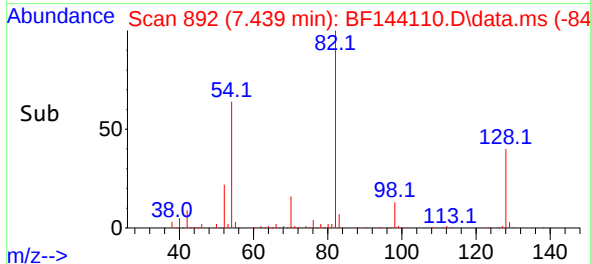
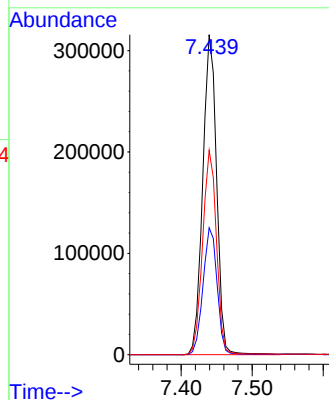
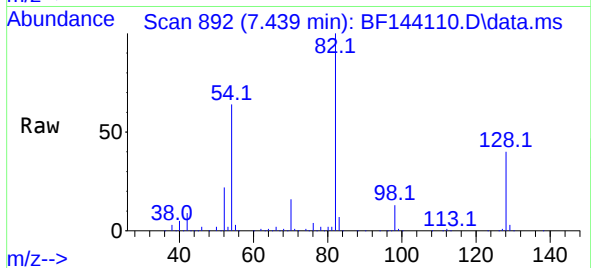




#23
Nitrobenzene-d5
Concen: 87.287 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

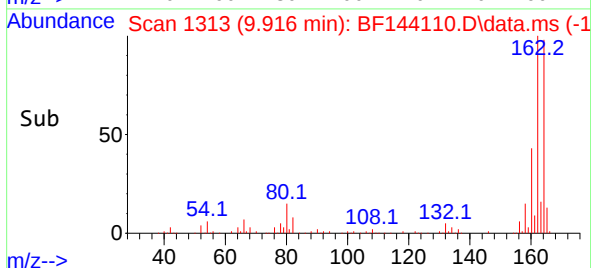
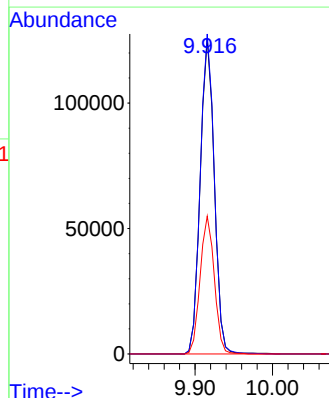
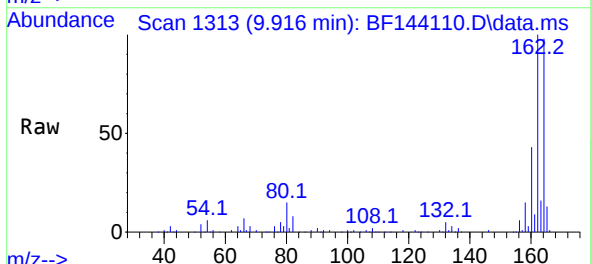
Instrument :
BNA_F
ClientSampleId :
WC-1

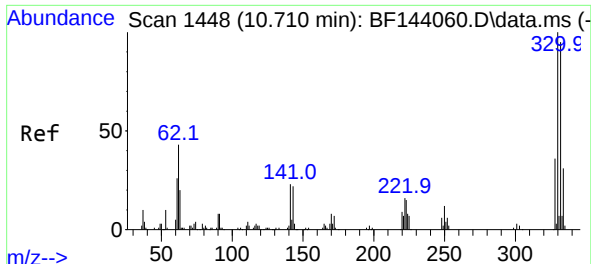
Tgt Ion: 82 Resp: 429900
Ion Ratio Lower Upper
82 100
128 39.7 32.4 48.6
54 63.8 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

Tgt Ion:164 Resp: 158439
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 43.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 146.692 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144110.D

Acq: 28 Oct 2025 19:43

Instrument :

BNA_F

ClientSampleId :

WC-1

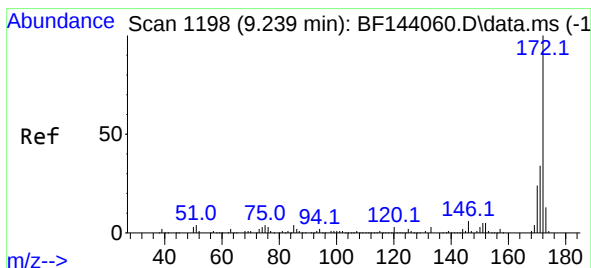
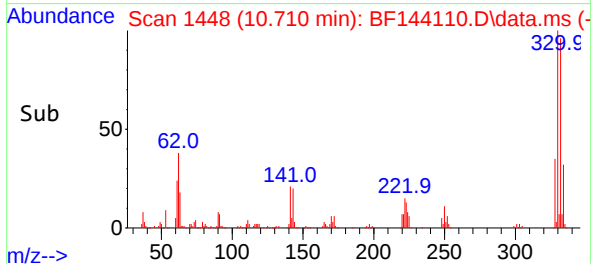
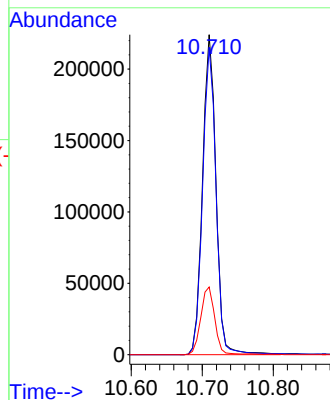
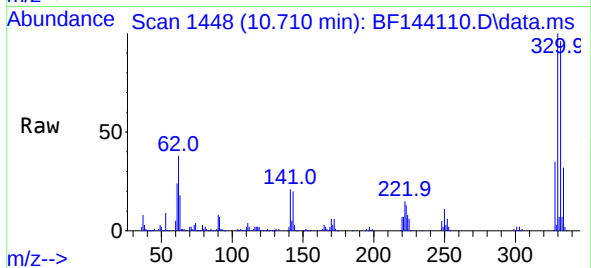
Tgt Ion:330 Resp: 296055

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 22.2 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 81.514 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144110.D

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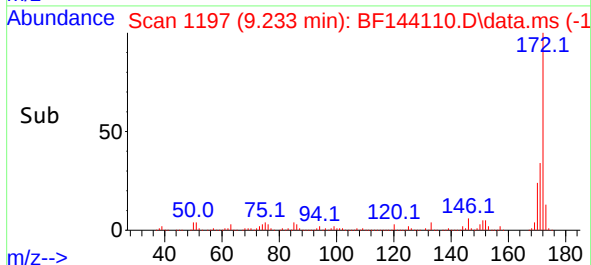
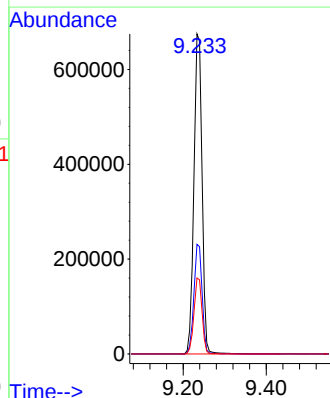
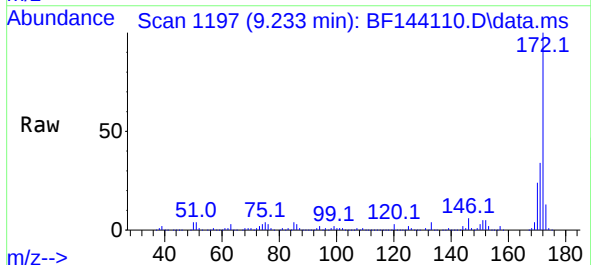
Tgt Ion:172 Resp: 917768

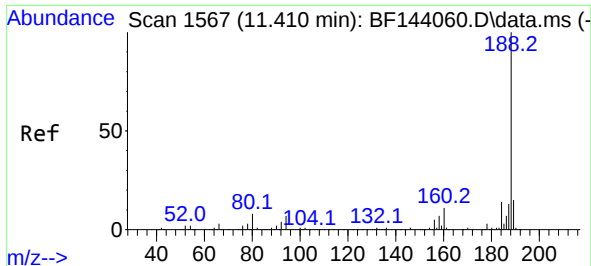
Ion Ratio Lower Upper

172 100

171 34.2 27.5 41.3

170 23.8 19.0 28.6

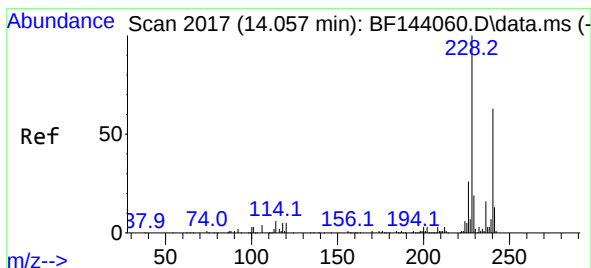
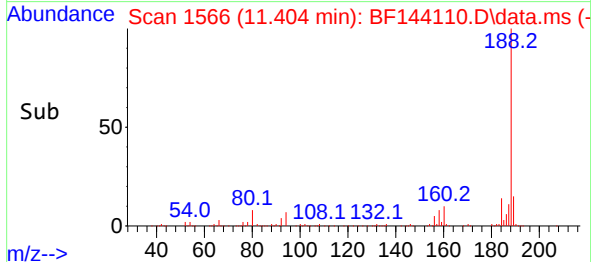
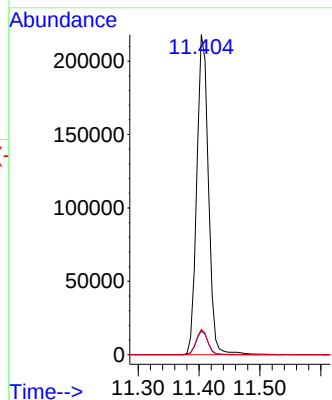
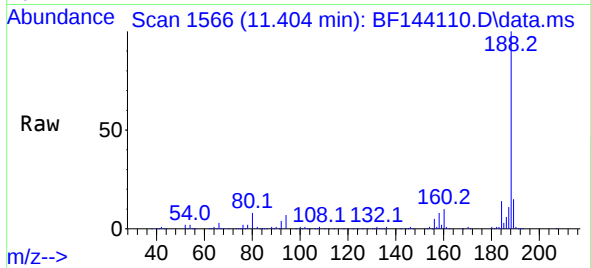




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

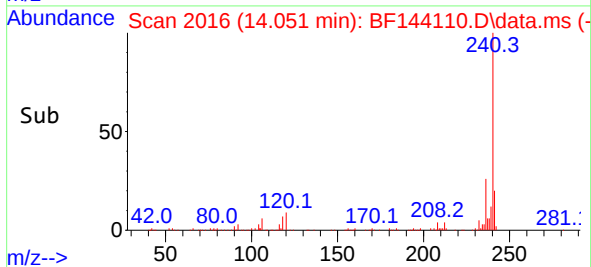
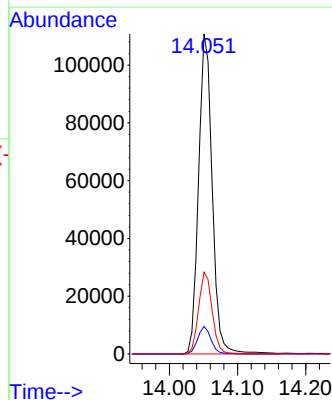
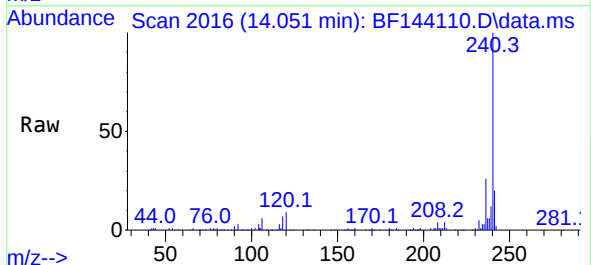
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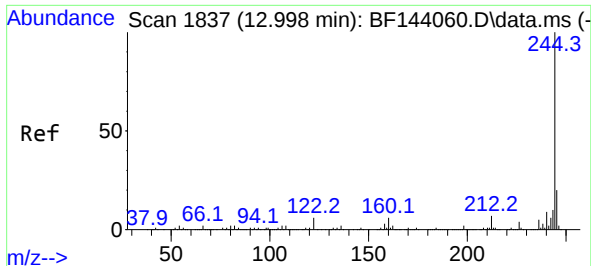
Tgt Ion:188 Resp: 289140
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 7.9 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144110.D
Acq: 28 Oct 2025 19:43

Tgt Ion:240 Resp: 153490
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.5 20.1 30.1

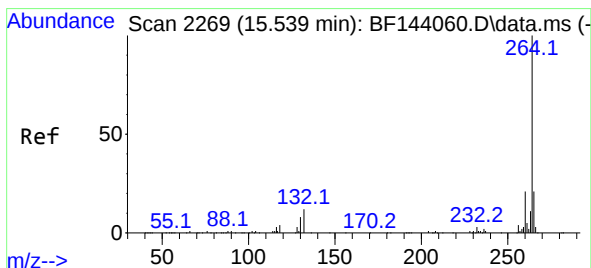
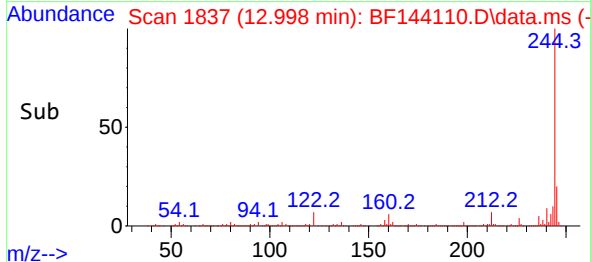
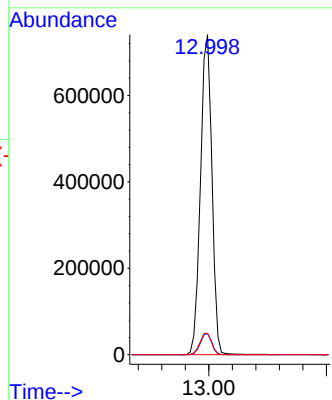
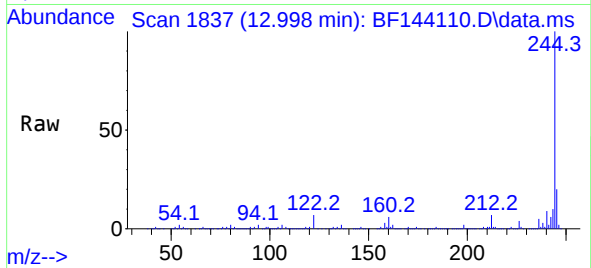




#79
 Terphenyl-d14
 Concen: 113.807 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF144110.D
 Acq: 28 Oct 2025 19:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 999205
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 6.7 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144110.D
 Acq: 28 Oct 2025 19:43

Tgt Ion:264 Resp: 170256
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.0 25.4
 265 20.9 16.6 24.8

