

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144100.D
 Acq On : 28 Oct 2025 14:46
 Operator : RC/JU
 Sample : PB170202TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170202TB

Quant Time: Oct 28 15:09:13 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	6.875	152	79772	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	323458	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	193664	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	371674	20.000	ng	0.00
76) Chrysene-d12	14.051	240	260643	20.000	ng	0.00
86) Perylene-d12	15.533	264	208326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	556541	110.378	ng	0.01
7) Phenol-d6	6.510	99	640195	114.967	ng	0.00
23) Nitrobenzene-d5	7.439	82	436019	73.853	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	320711	130.005	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	953901	69.313	ng	0.00
79) Terphenyl-d14	12.998	244	1292360	86.683	ng	0.00

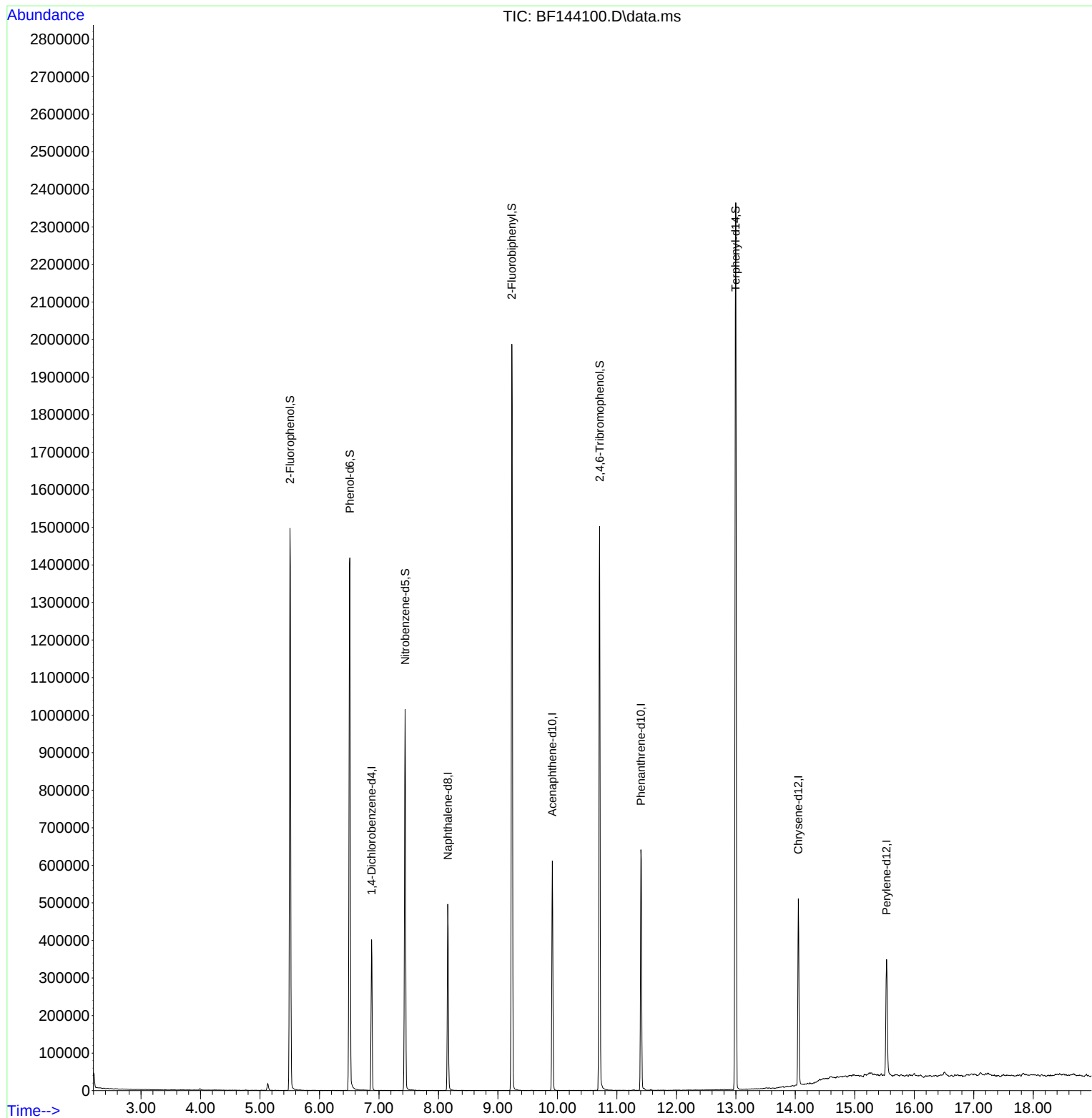
Target Compounds	Qvalue

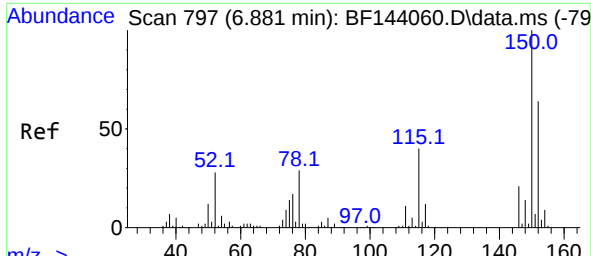
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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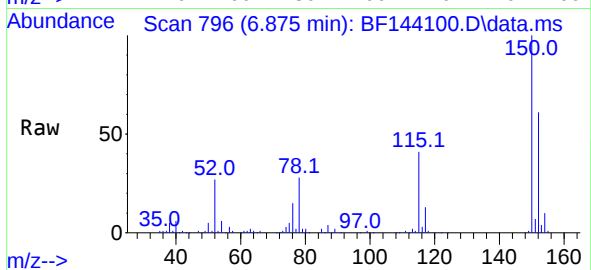
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
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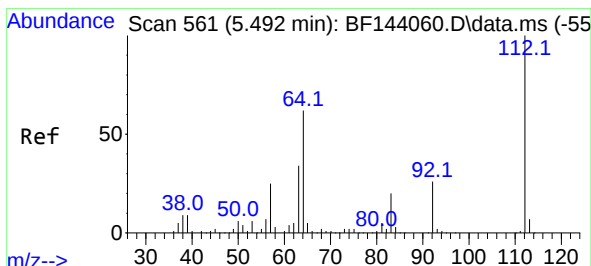
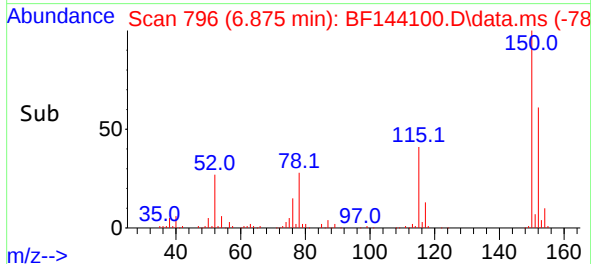
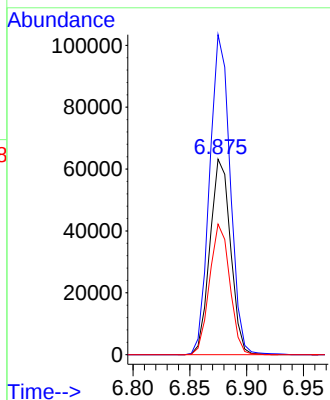


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Instrument :
BNA_F
ClientSampleId :
PB170202TB

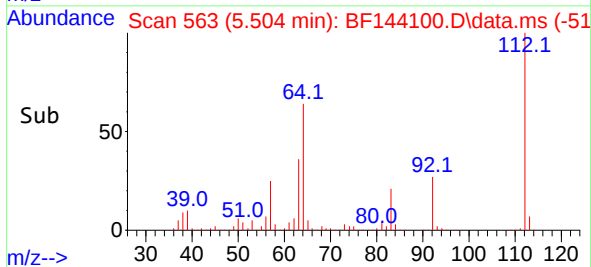
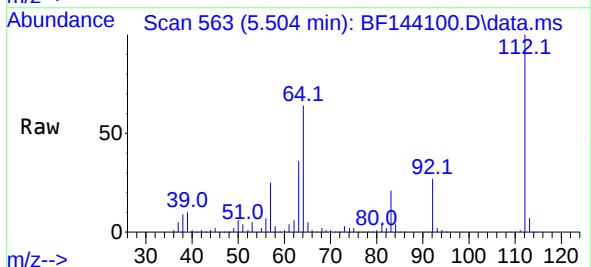
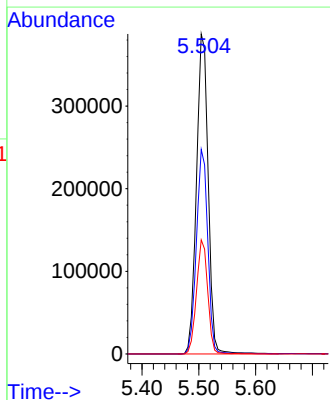


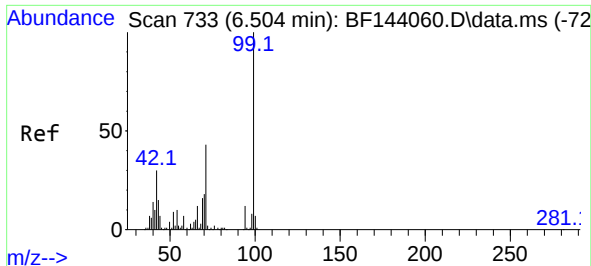
Tgt Ion:152 Resp: 79772
Ion Ratio Lower Upper
152 100
150 163.6 124.4 186.6
115 66.8 49.4 74.0



#5
2-Fluorophenol
Concen: 110.378 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:112 Resp: 556541
Ion Ratio Lower Upper
112 100
64 63.9 49.8 74.8
63 35.6 27.4 41.2

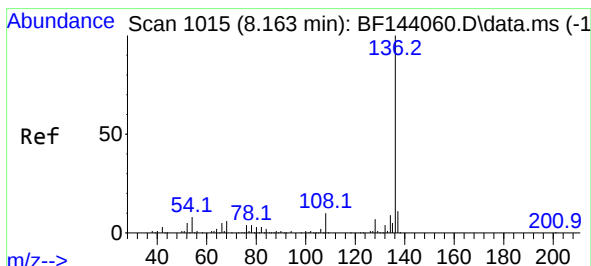
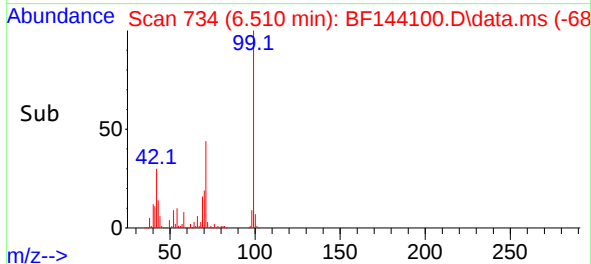
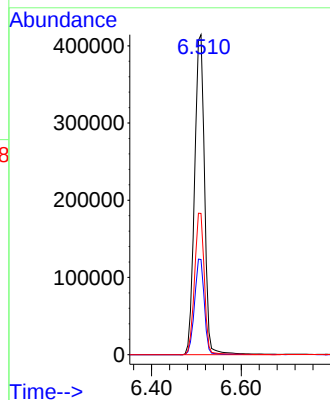
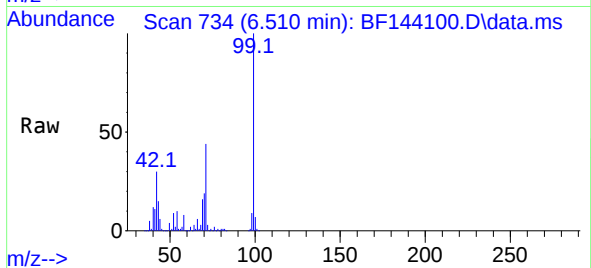




#7
Phenol-d6
Concen: 114.967 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

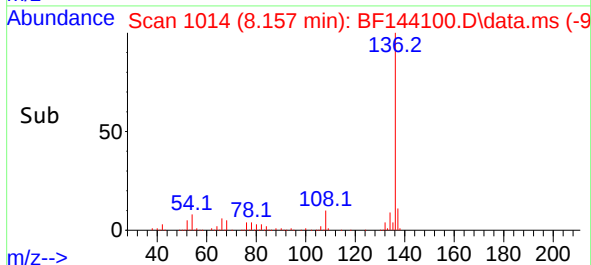
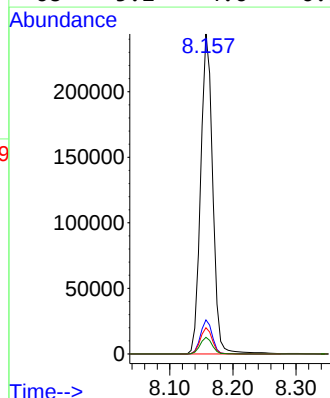
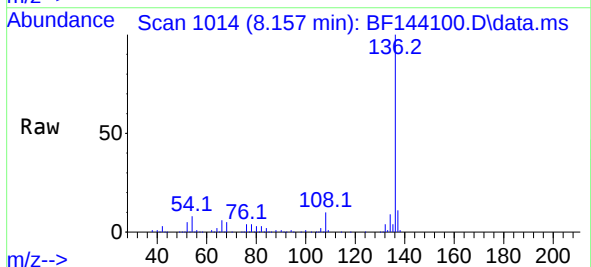
Instrument :
BNA_F
ClientSampleId :
PB170202TB

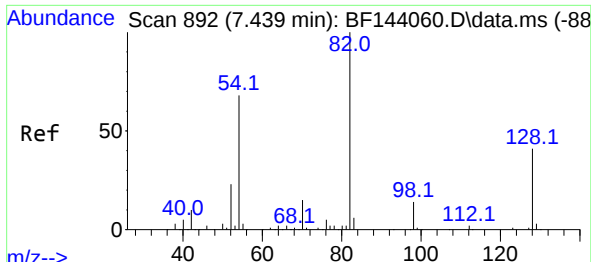
Tgt Ion: 99 Resp: 640195
Ion Ratio Lower Upper
99 100
42 29.8 23.9 35.9
71 44.2 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion: 136 Resp: 323458
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.6 9.8
68 5.2 4.6 6.8

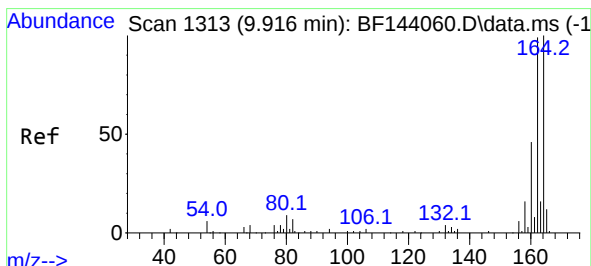
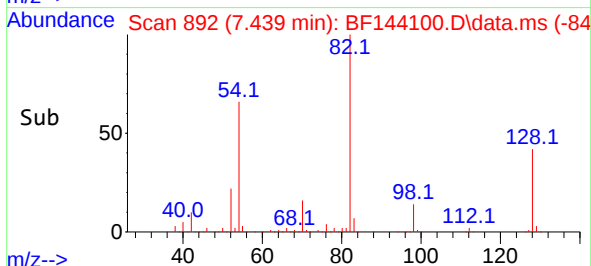
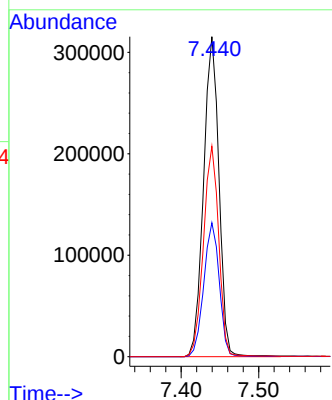
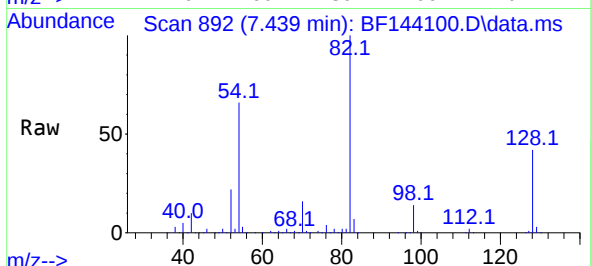




#23
Nitrobenzene-d5
Concen: 73.853 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

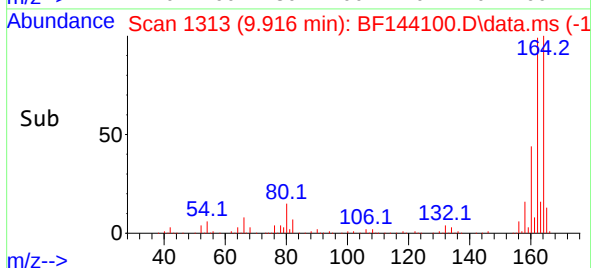
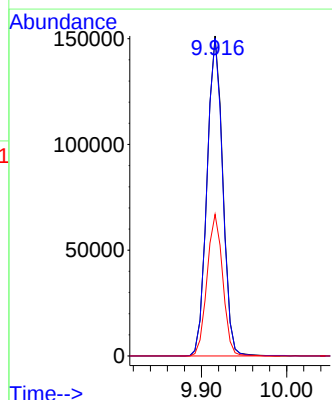
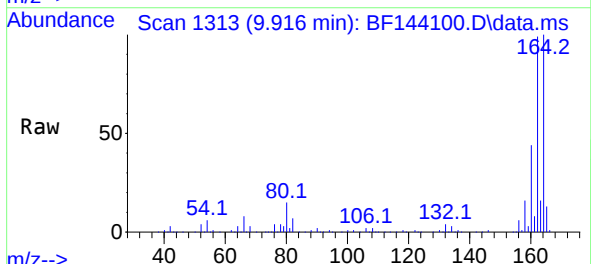
Instrument :
BNA_F
ClientSampleId :
PB170202TB

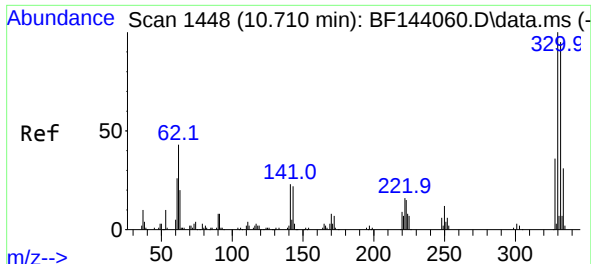
Tgt Ion: 82 Resp: 436019
Ion Ratio Lower Upper
82 100
128 41.9 32.4 48.6
54 65.7 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:164 Resp: 193664
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 44.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 130.005 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144100.D

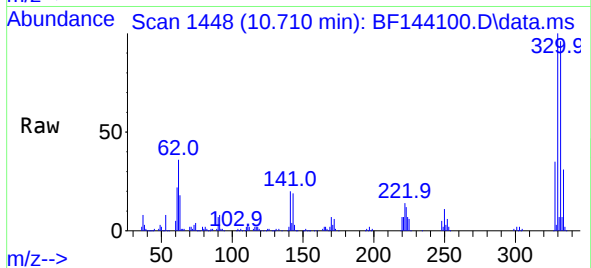
Acq: 28 Oct 2025 14:46

Instrument :

BNA_F

ClientSampleId :

PB170202TB



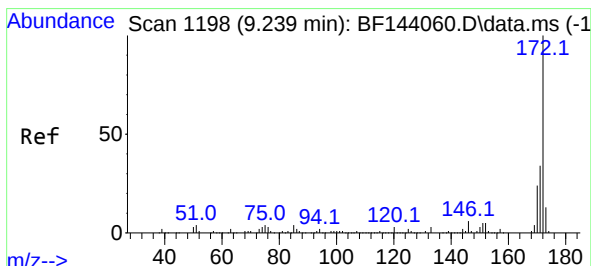
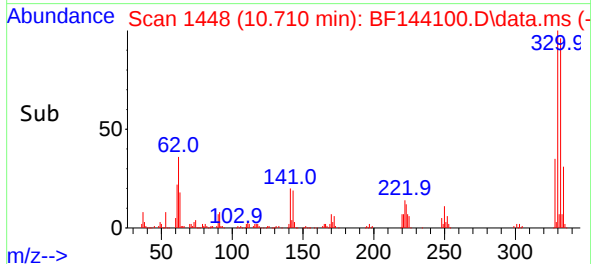
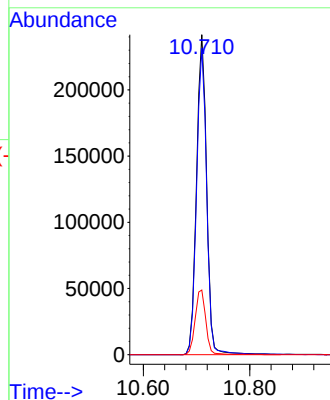
Tgt Ion:330 Resp: 320711

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 21.1 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 69.313 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144100.D

Acq: 28 Oct 2025 14:46

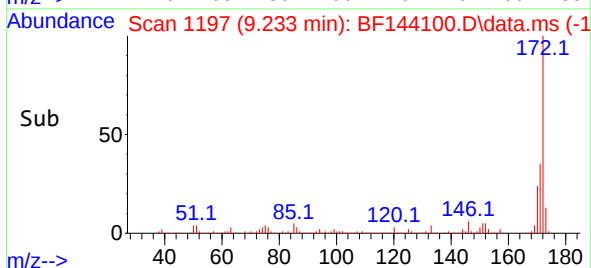
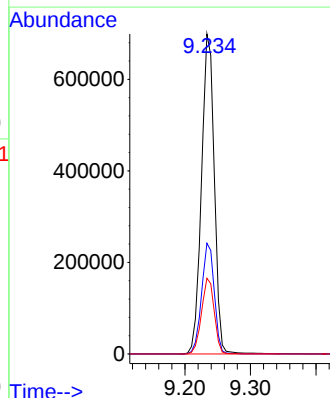
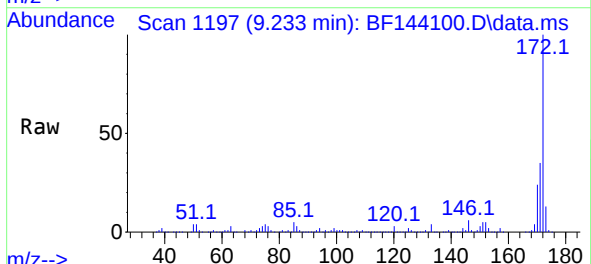
Tgt Ion:172 Resp: 953901

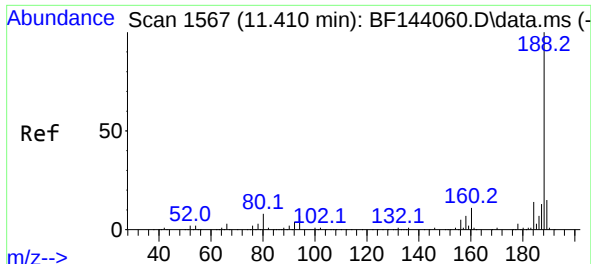
Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

170 23.6 19.0 28.6

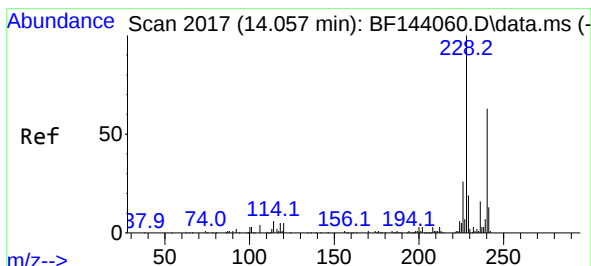
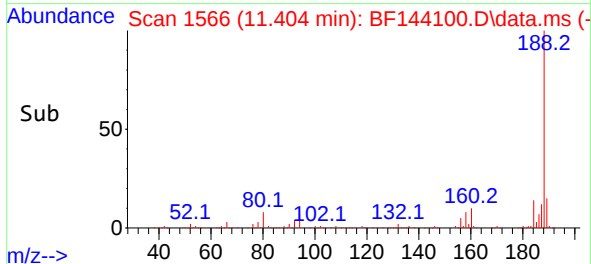
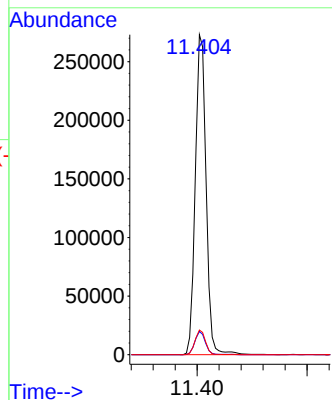
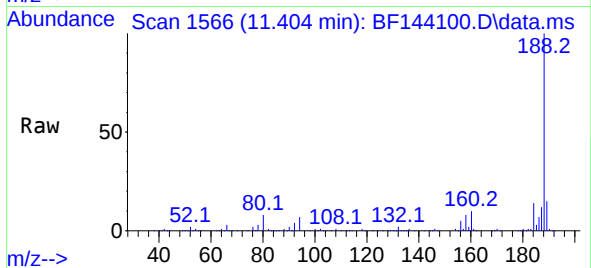




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

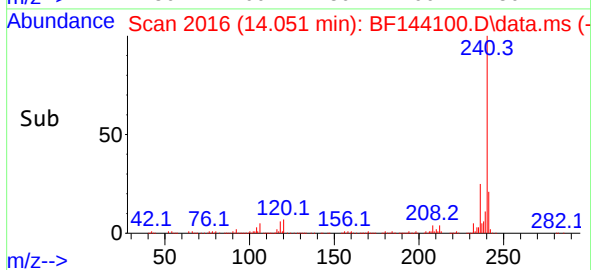
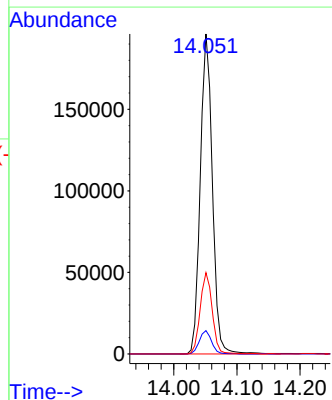
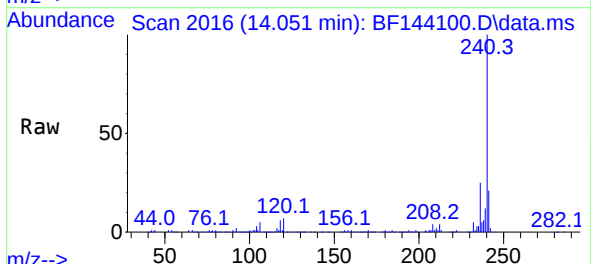
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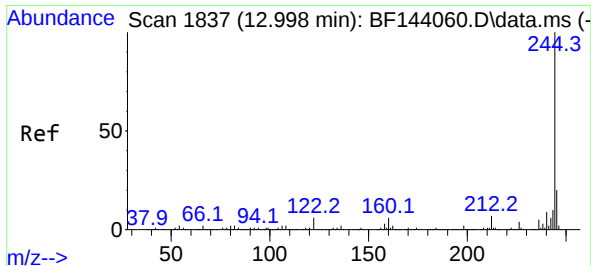
Tgt Ion:188 Resp: 371674
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 7.7 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:240 Resp: 260643
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 25.4 20.1 30.1

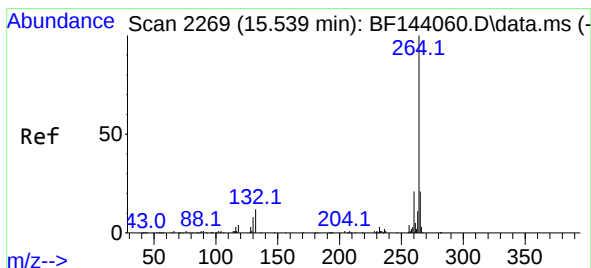
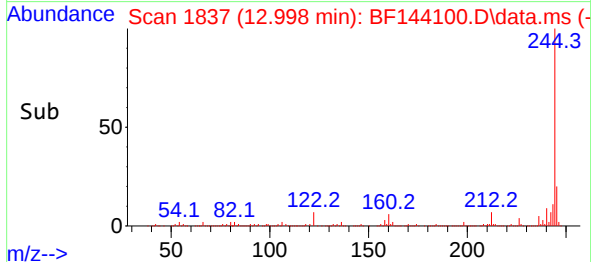
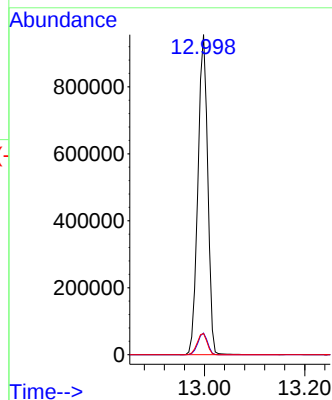
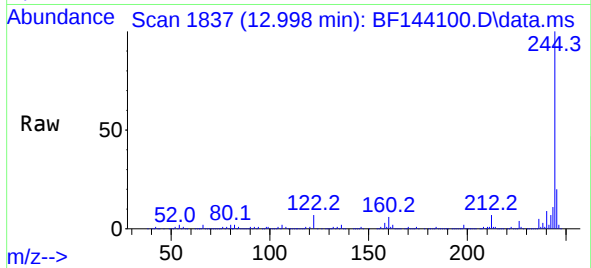




#79
Terphenyl-d14
Concen: 86.683 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Instrument :
BNA_F
ClientSampleId :
PB170202TB

Tgt Ion:244 Resp: 1292360
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 6.6 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: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:264 Resp: 208326
Ion Ratio Lower Upper
264 100
260 21.3 17.0 25.4
265 21.6 16.6 24.8

