

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144154.D
 Acq On : 30 Oct 2025 22:07
 Operator : RC/JU
 Sample : Q3482-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Oct 31 01:02:52 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	68146	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	237234	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	119379	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	176660	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	194741	20.000	ng	0.00
86) Perylene-d12	15.539	264	232593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	287211	66.680	ng	0.00
7) Phenol-d6	6.504	99	327032	68.748	ng	0.00
23) Nitrobenzene-d5	7.434	82	204804	47.298	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	84577	55.619	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	440030	51.870	ng	0.00
79) Terphenyl-d14	12.992	244	454699	40.819	ng	0.00

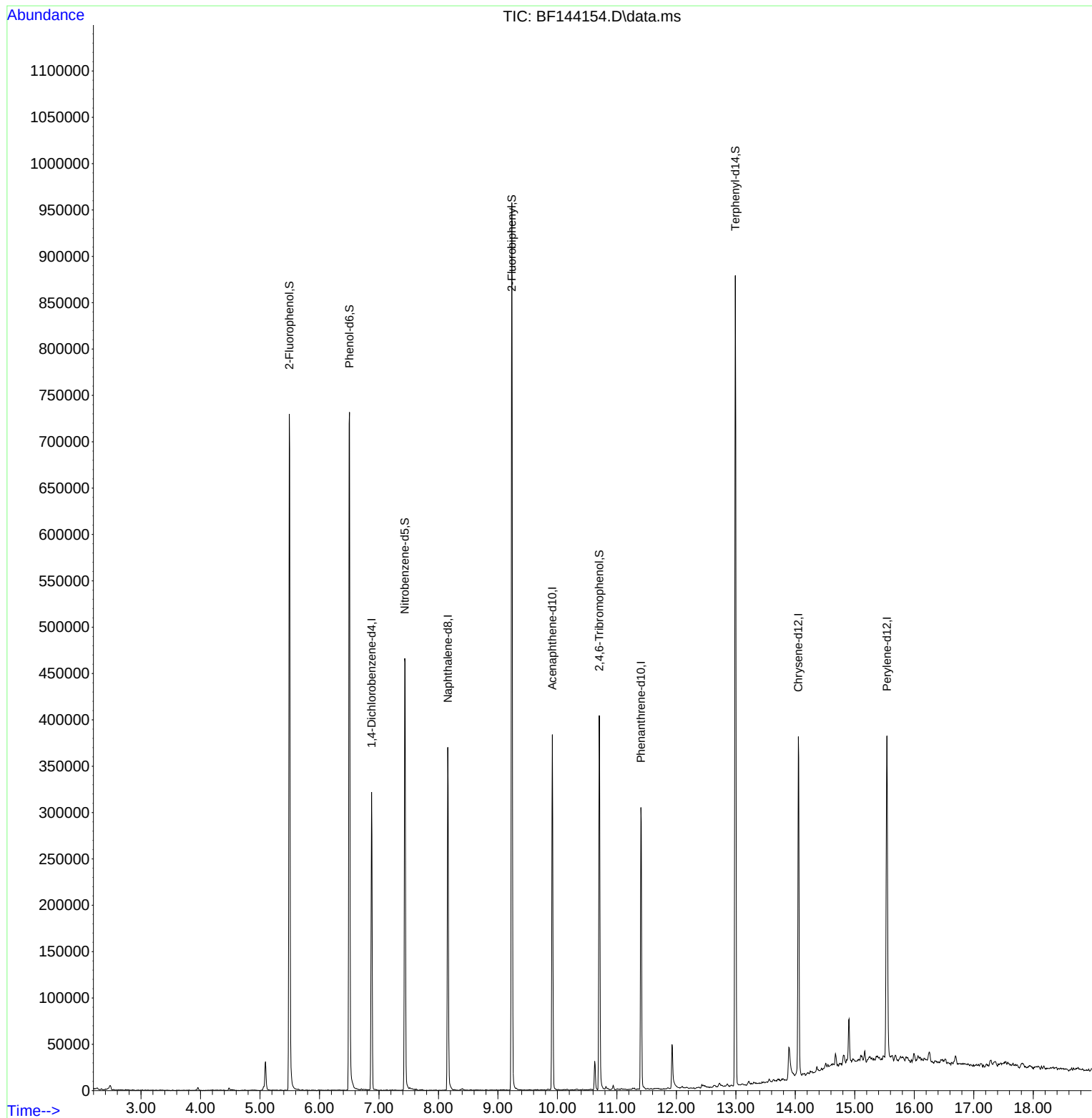
Target Compounds	Qvalue

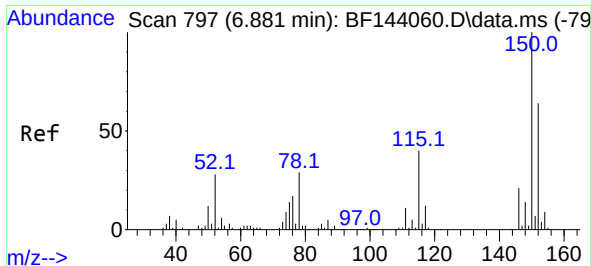
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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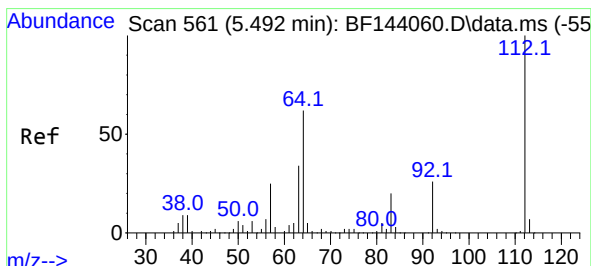
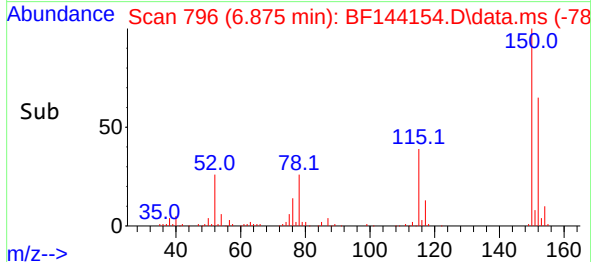
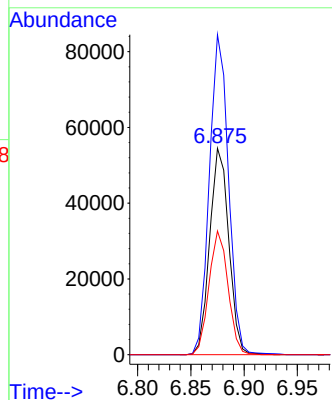
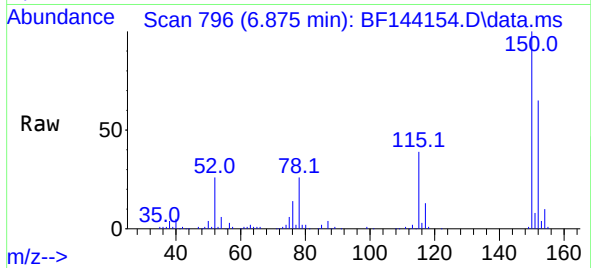




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

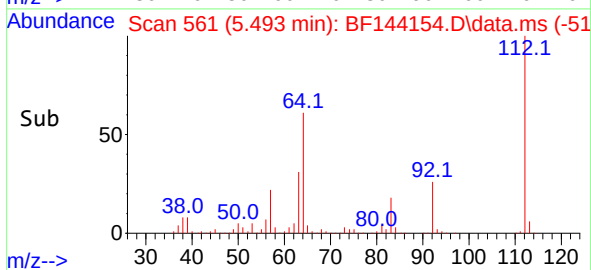
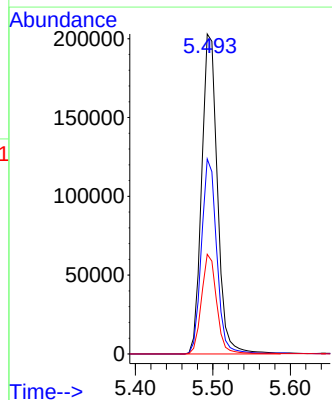
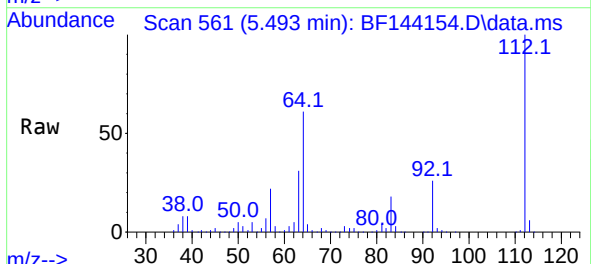
Instrument :
BNA_F
ClientSampleId :
WC-4

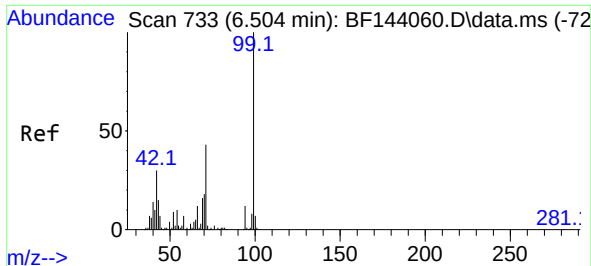
Tgt Ion:152 Resp: 68146
Ion Ratio Lower Upper
152 100
150 155.0 124.4 186.6
115 59.9 49.4 74.0



#5
2-Fluorophenol
Concen: 66.680 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

Tgt Ion:112 Resp: 287211
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.8
63 31.1 27.4 41.2





#7
Phenol-d6
Concen: 68.748 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

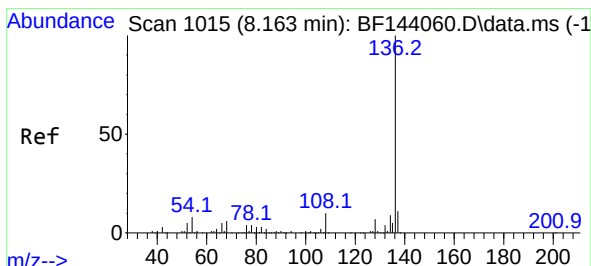
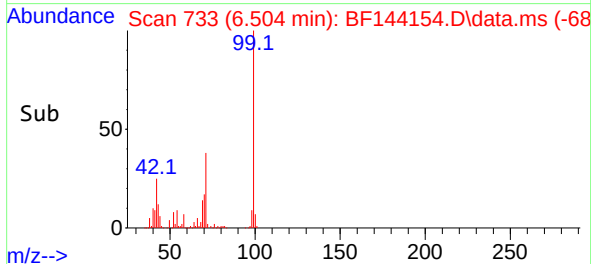
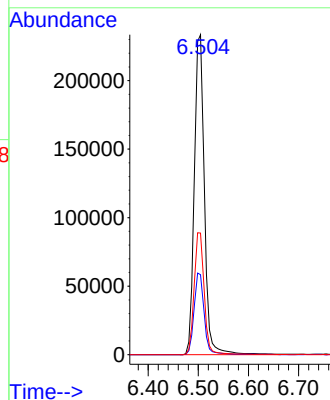
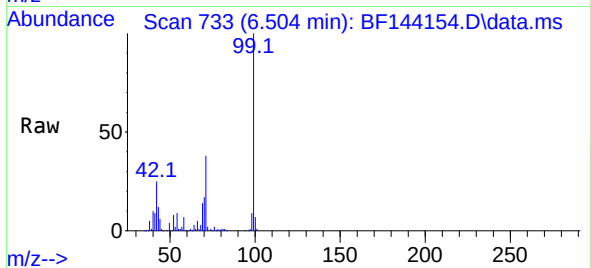
Instrument :

BNA_F

ClientSampleId :

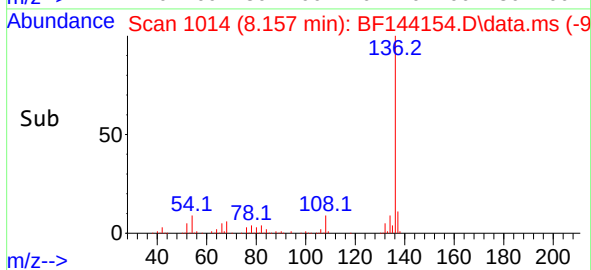
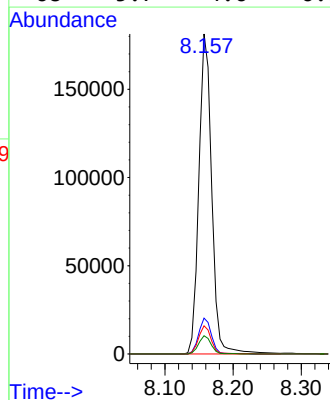
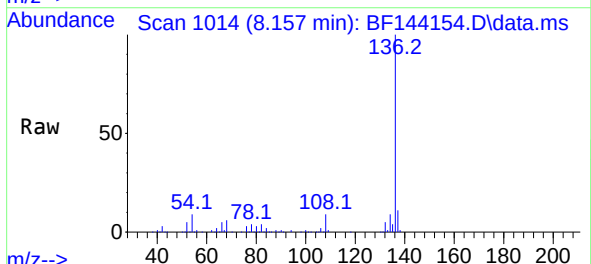
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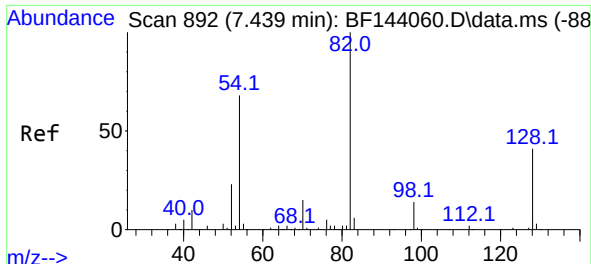
Tgt Ion: 99 Resp: 327032
Ion Ratio Lower Upper
99 100
42 25.0 23.9 35.9
71 38.0 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

Tgt Ion:136 Resp: 237234
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.8 6.6 9.8
68 5.7 4.6 6.8

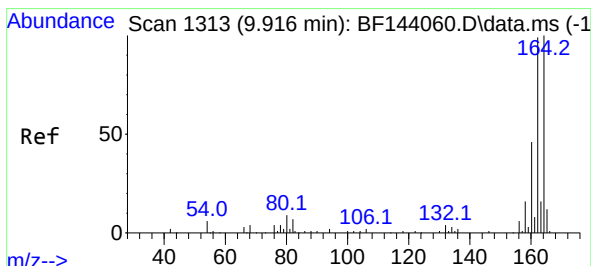
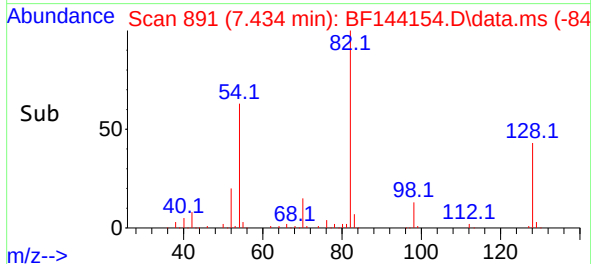
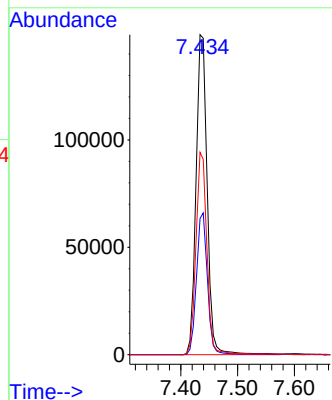
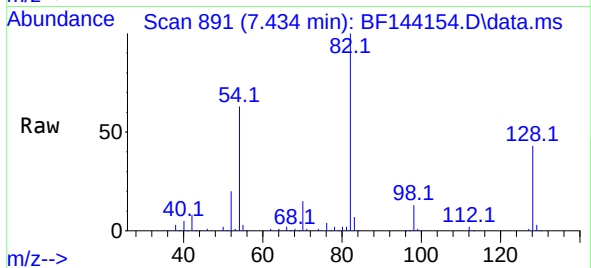




#23
Nitrobenzene-d5
Concen: 47.298 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

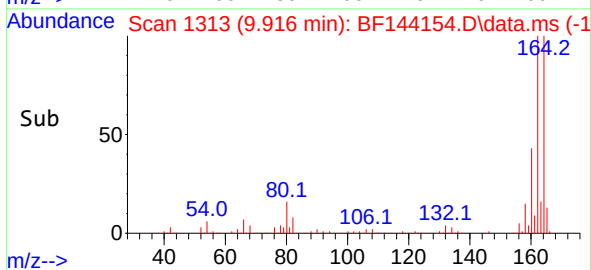
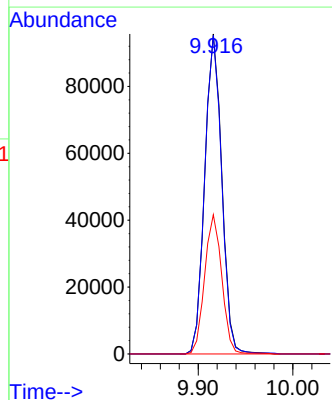
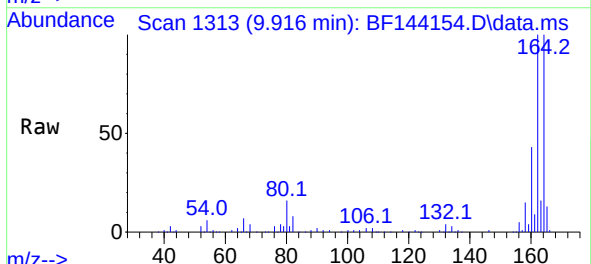
Instrument :
BNA_F
ClientSampleId :
WC-4

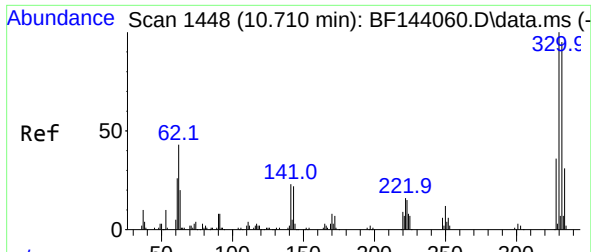
Tgt Ion: 82 Resp: 204804
Ion Ratio Lower Upper
82 100
128 42.6 32.4 48.6
54 63.3 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

Tgt Ion:164 Resp: 119379
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 43.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 55.619 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF144154.D

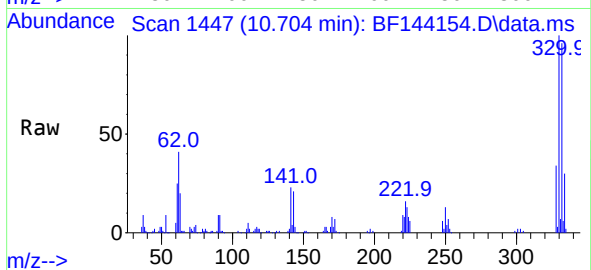
Acq: 30 Oct 2025 22:07

Instrument :

BNA_F

ClientSampleId :

WC-4



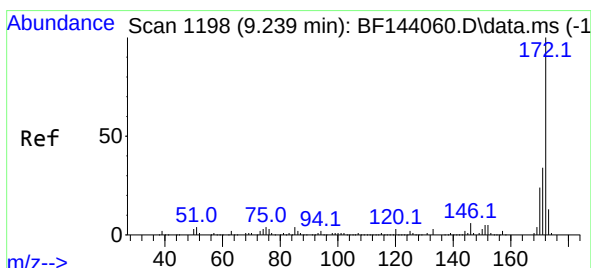
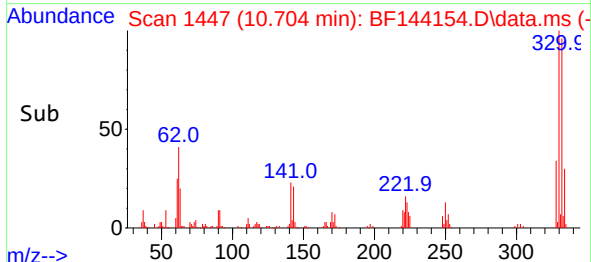
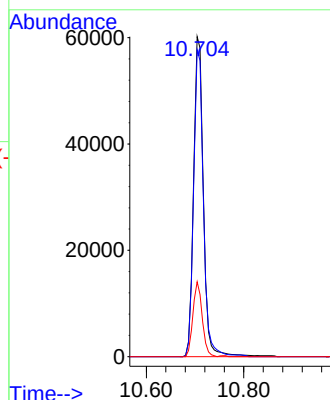
Tgt Ion:330 Resp: 84577

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 22.1 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 51.870 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144154.D

Acq: 30 Oct 2025 22:07

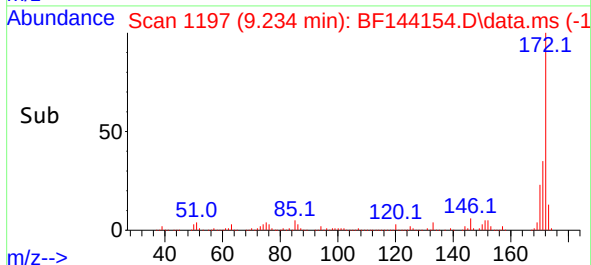
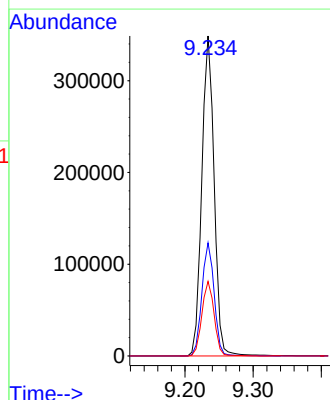
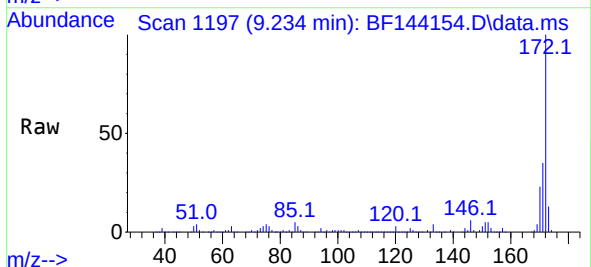
Tgt Ion:172 Resp: 440030

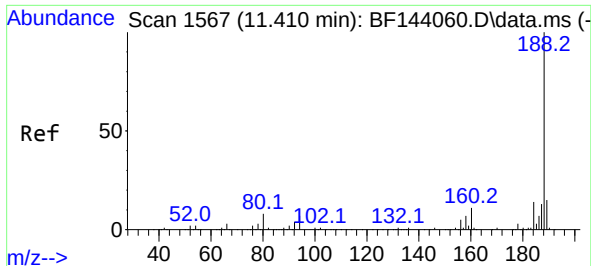
Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

170 23.3 19.0 28.6

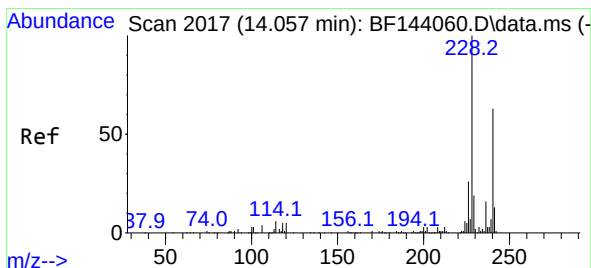
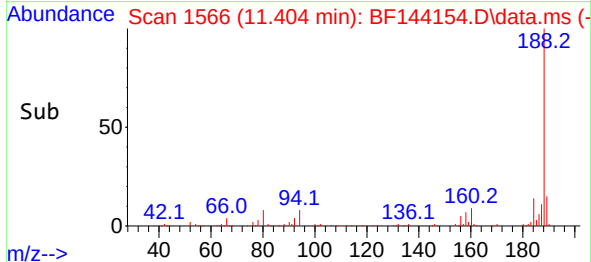
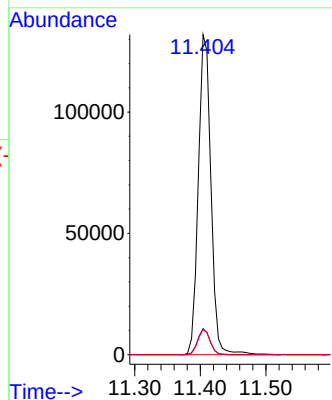
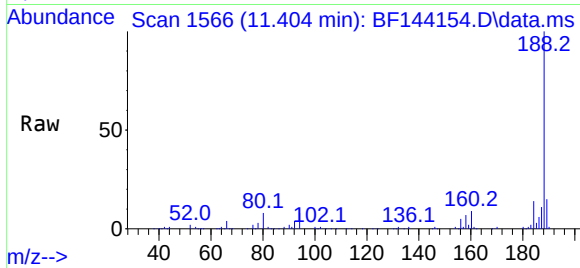




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

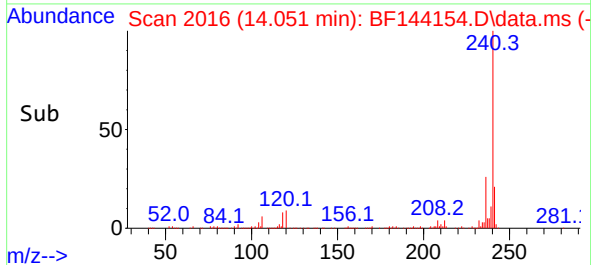
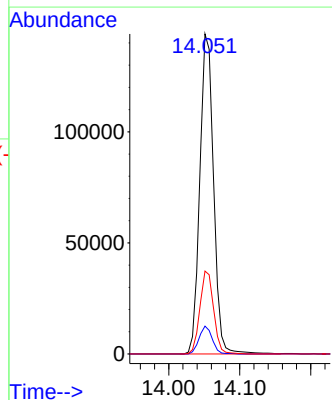
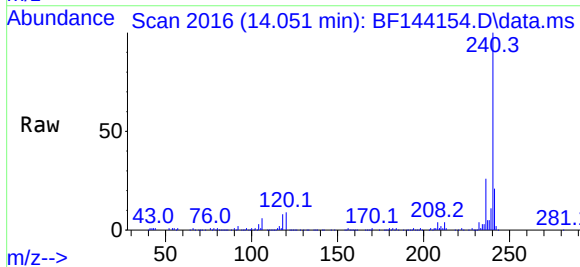
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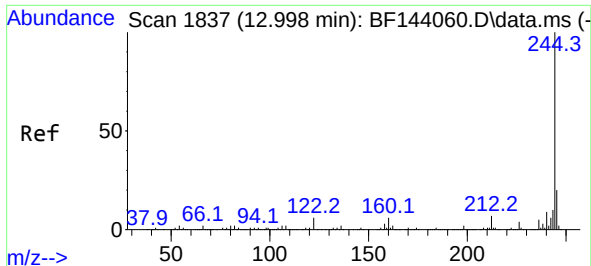
Tgt Ion:188 Resp: 176660
Ion Ratio Lower Upper
188 100
94 8.1 5.4 8.0#
80 7.8 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

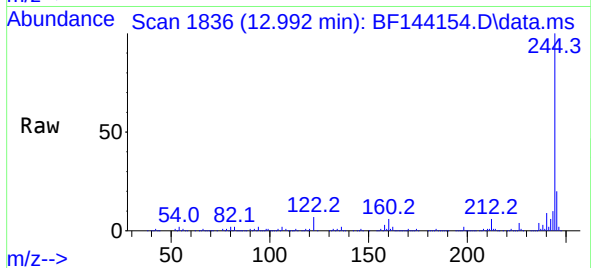
Tgt Ion:240 Resp: 194741
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.9 20.1 30.1



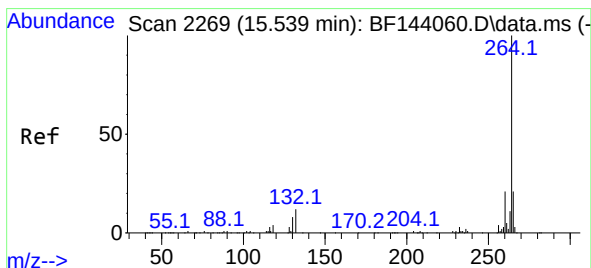
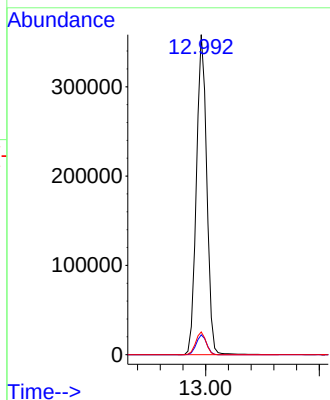
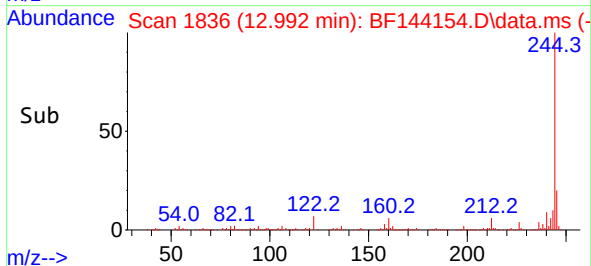


#79
Terphenyl-d14
Concen: 40.819 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07

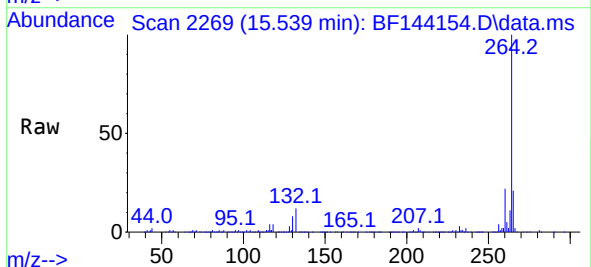
Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 454699
Ion Ratio Lower Upper
244 100
212 6.2 5.8 8.6
122 7.1 4.9 7.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144154.D
Acq: 30 Oct 2025 22:07



Tgt Ion:264 Resp: 232593
Ion Ratio Lower Upper
264 100
260 21.6 17.0 25.4
265 21.1 16.6 24.8

