

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110325\
 Data File : BF144164.D
 Acq On : 03 Nov 2025 16:50
 Operator : RC/JU
 Sample : PB170372BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170372BL

Quant Time: Nov 04 10:11:23 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	89363	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	350754	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	208659	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	386192	20.000	ng	0.00
76) Chrysene-d12	14.057	240	219855	20.000	ng	0.00
86) Perylene-d12	15.539	264	212846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	718816	127.261	ng	0.01
7) Phenol-d6	6.504	99	834229	133.733	ng	0.00
23) Nitrobenzene-d5	7.440	82	544599	85.065	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	369783	139.125	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1173040	79.111	ng	0.00
79) Terphenyl-d14	12.998	244	1415307	112.541	ng	0.00

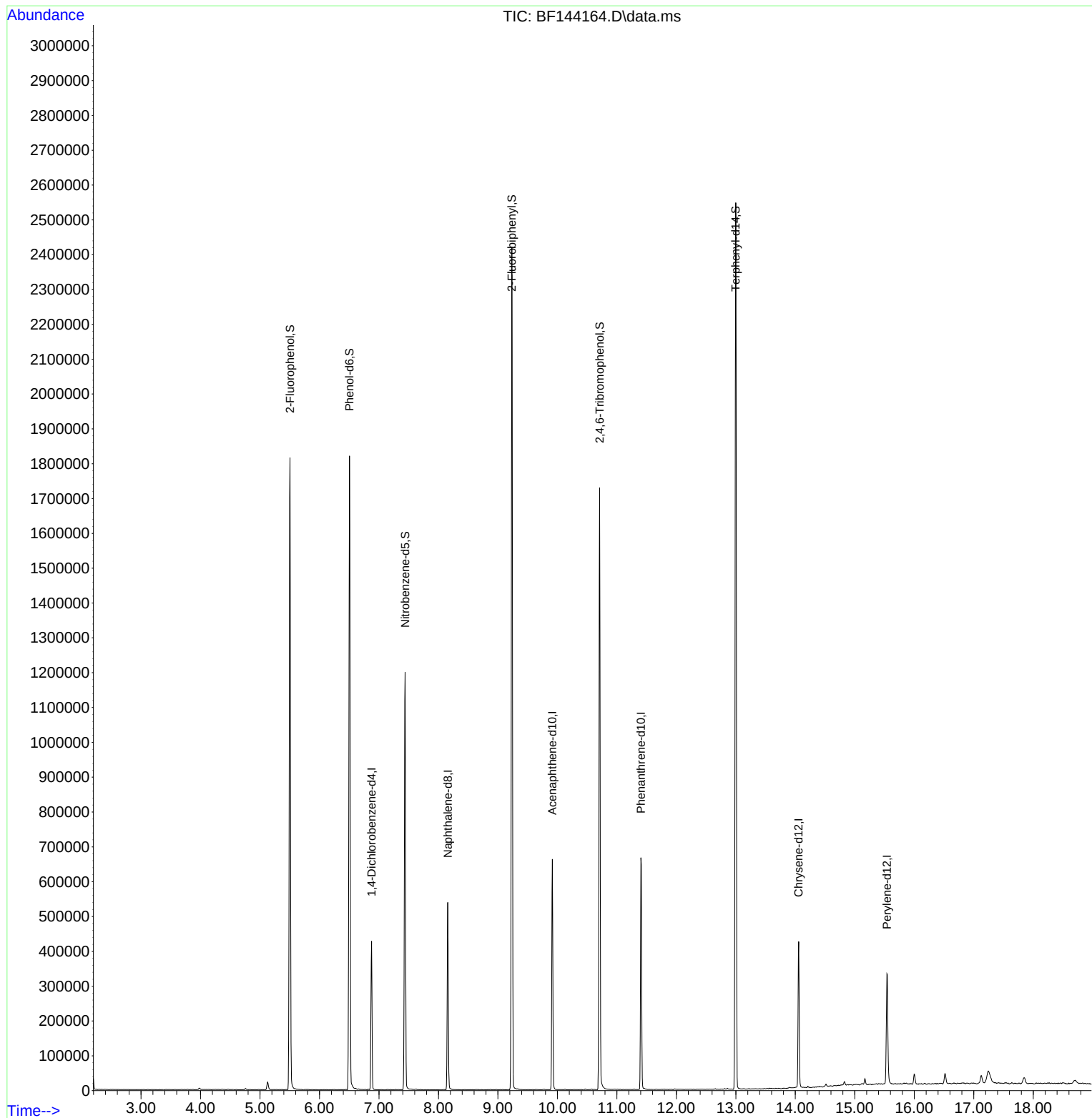
Target Compounds	Qvalue

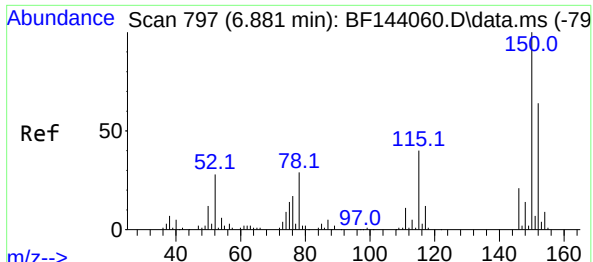
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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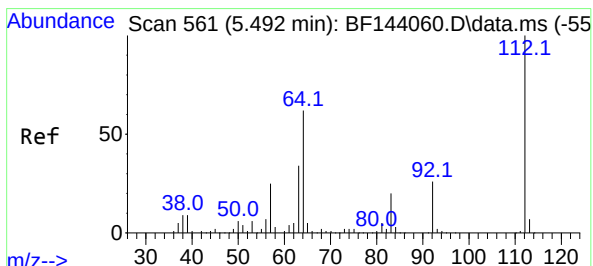
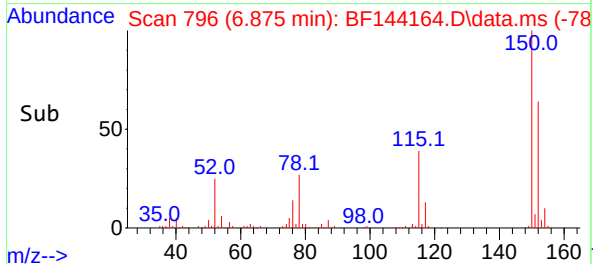
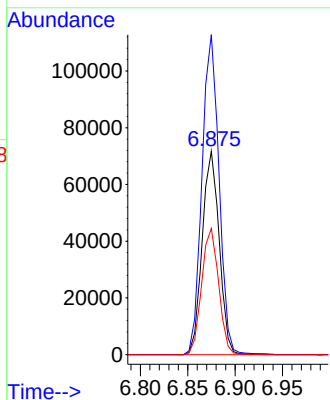
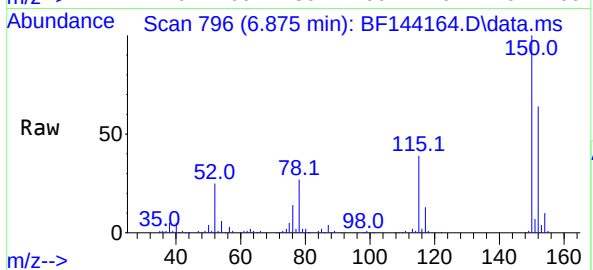




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

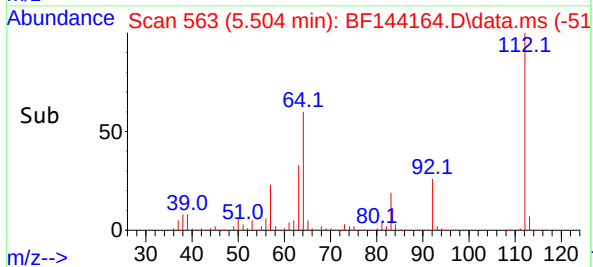
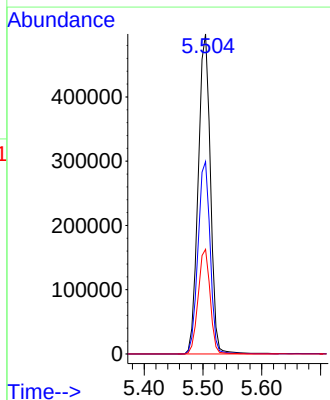
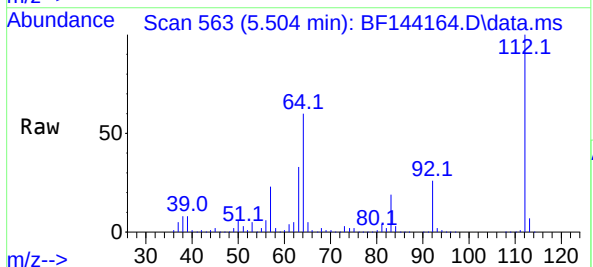
Instrument :
BNA_F
ClientSampleId :
PB170372BL

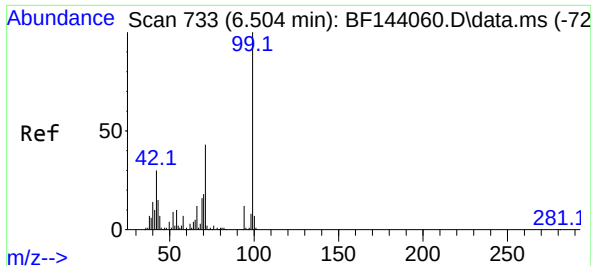
Tgt Ion:152 Resp: 89363
Ion Ratio Lower Upper
152 100
150 157.2 124.4 186.6
115 62.0 49.4 74.0



#5
2-Fluorophenol
Concen: 127.261 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

Tgt Ion:112 Resp: 718816
Ion Ratio Lower Upper
112 100
64 60.1 49.8 74.8
63 32.7 27.4 41.2

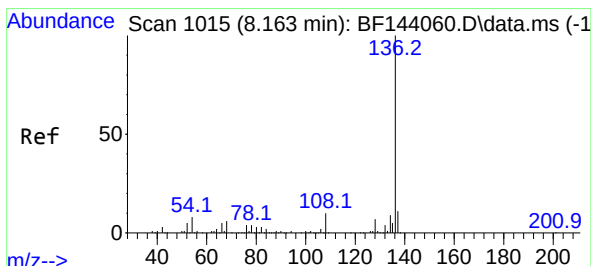
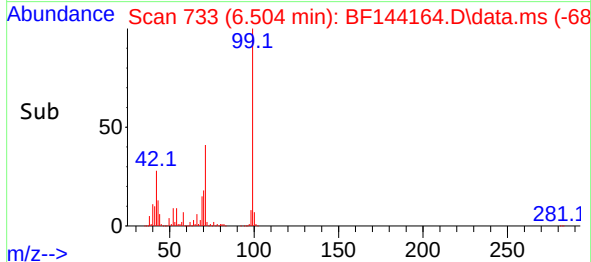
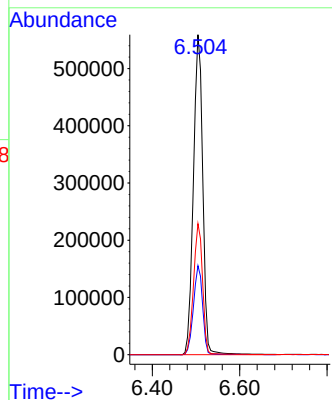
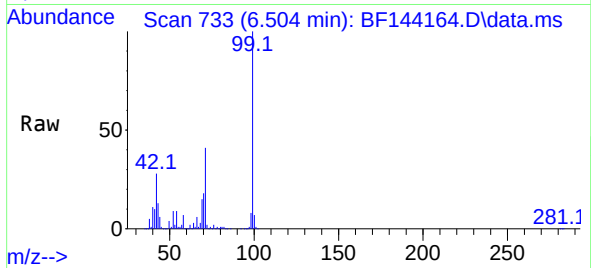




#7
Phenol-d6
Concen: 133.733 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

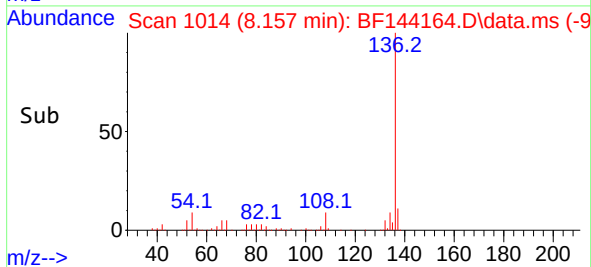
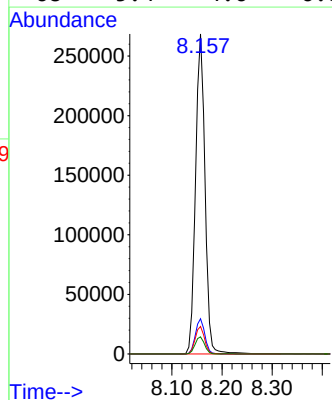
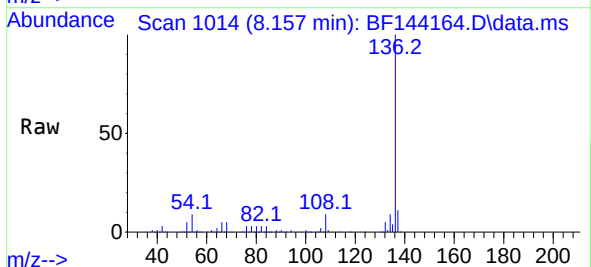
Instrument :
BNA_F
ClientSampleId :
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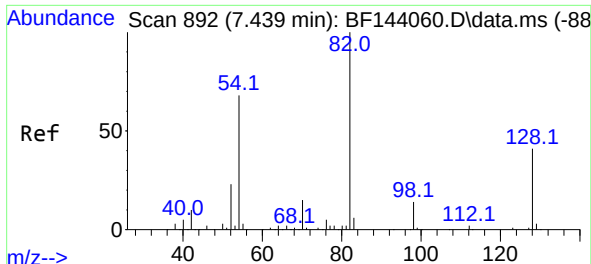
Tgt Ion: 99 Resp: 834229
Ion Ratio Lower Upper
99 100
42 27.8 23.9 35.9
71 41.0 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

Tgt Ion: 136 Resp: 350754
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.6 9.8
68 5.4 4.6 6.8

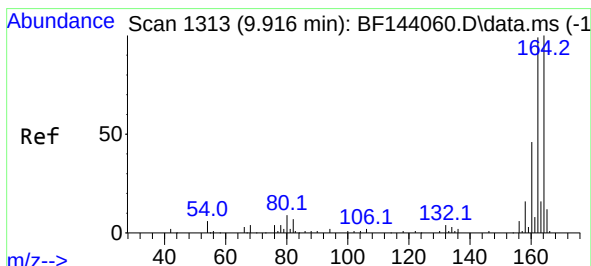
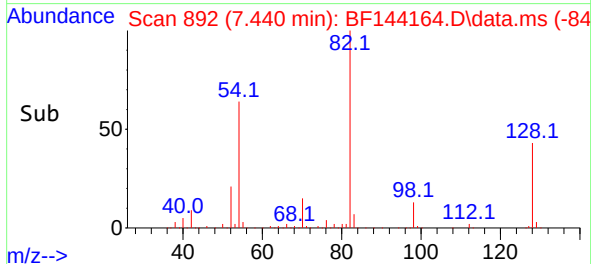
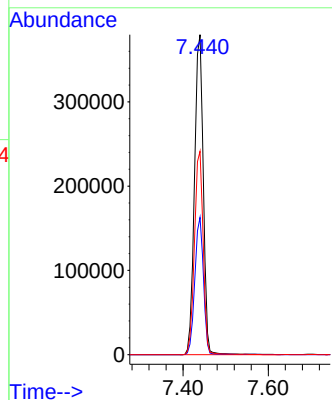
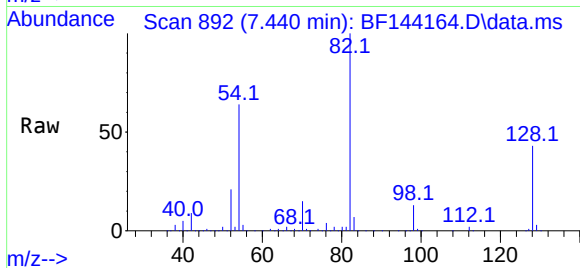




#23
Nitrobenzene-d5
Concen: 85.065 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

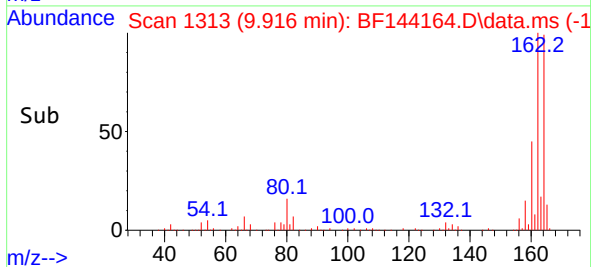
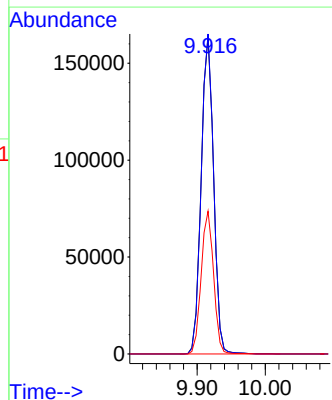
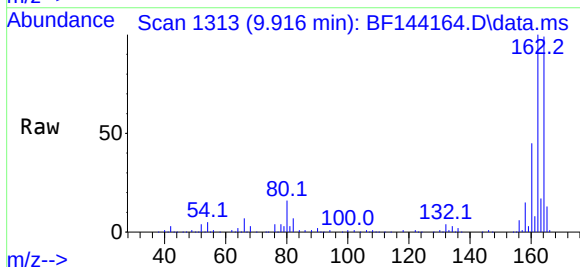
Instrument :
BNA_F
ClientSampleId :
PB170372BL

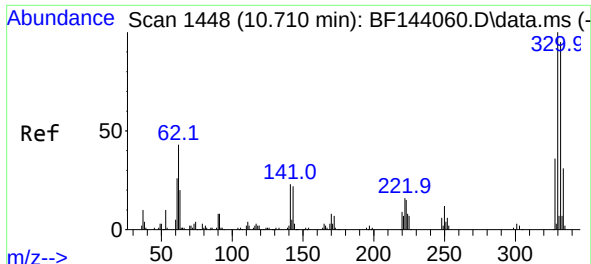
Tgt Ion: 82 Resp: 544599
Ion Ratio Lower Upper
82 100
128 42.9 32.4 48.6
54 63.6 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

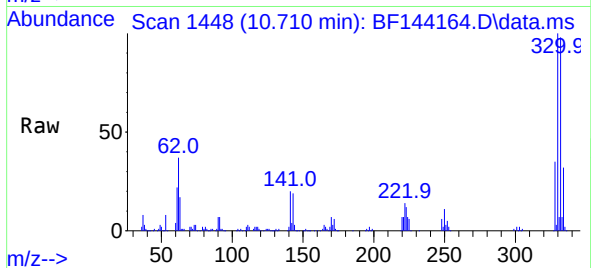
Tgt Ion:164 Resp: 208659
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 44.9 36.7 55.1



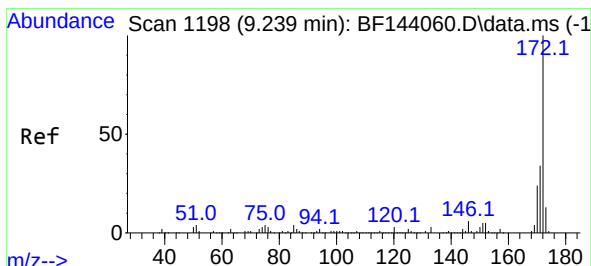
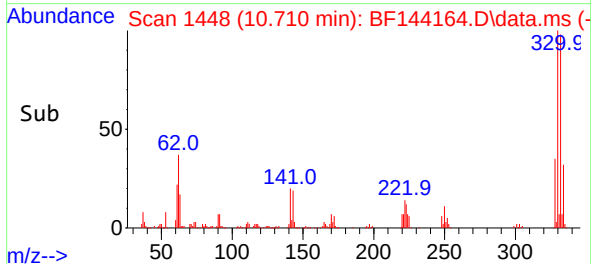
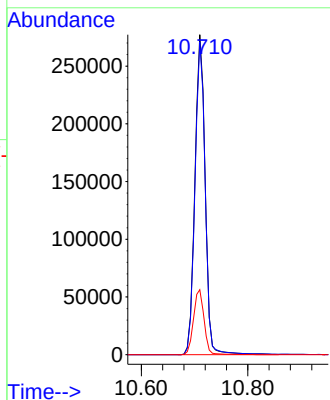


#42
2,4,6-Tribromophenol
Concen: 139.125 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

Instrument :
BNA_F
ClientSampleId :
PB170372BL

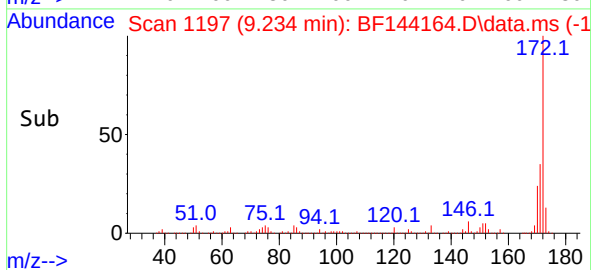
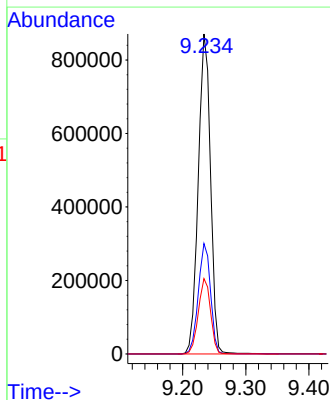
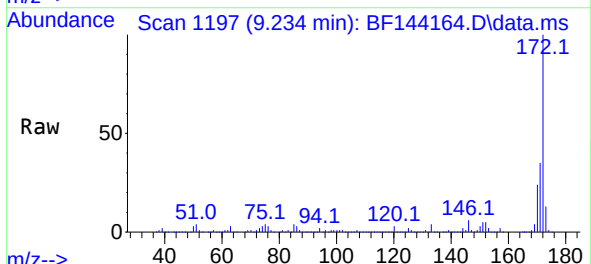


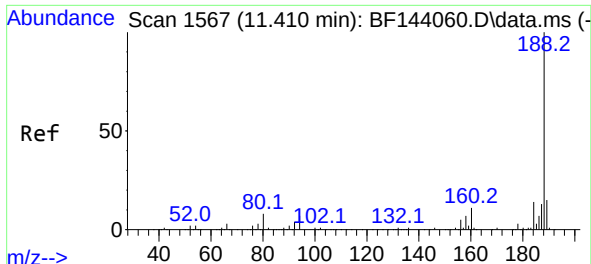
Tgt Ion:330 Resp: 369783
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 21.0 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 79.111 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

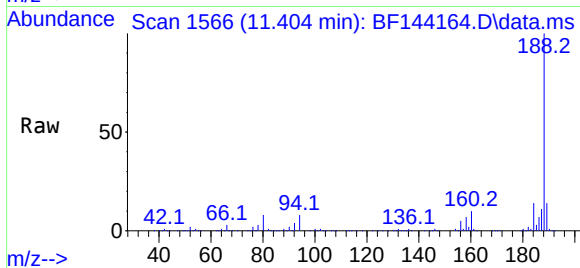
Tgt Ion:172 Resp: 1173040
Ion Ratio Lower Upper
172 100
171 34.5 27.5 41.3
170 23.5 19.0 28.6



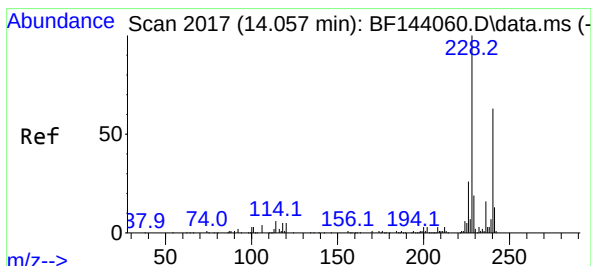
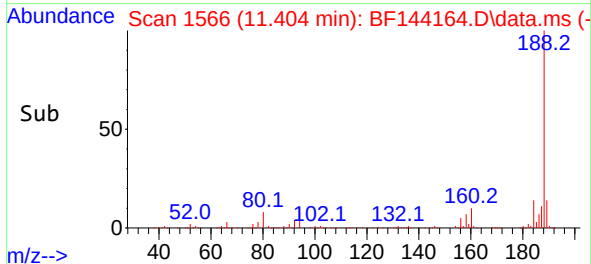
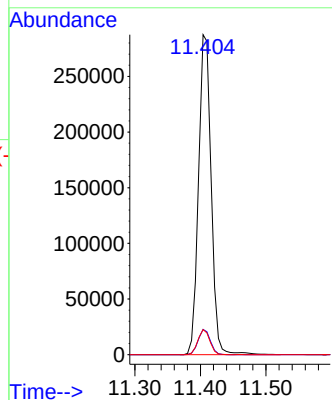


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

Instrument :
BNA_F
ClientSampleId :
PB170372BL

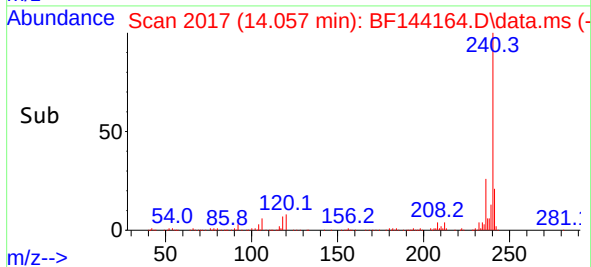
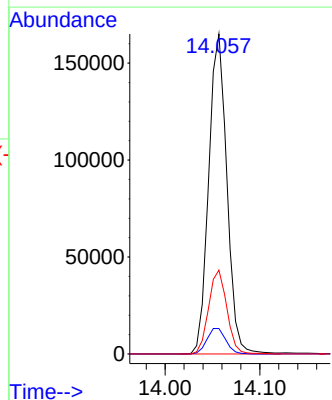
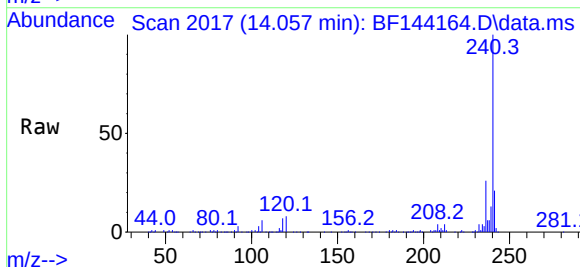


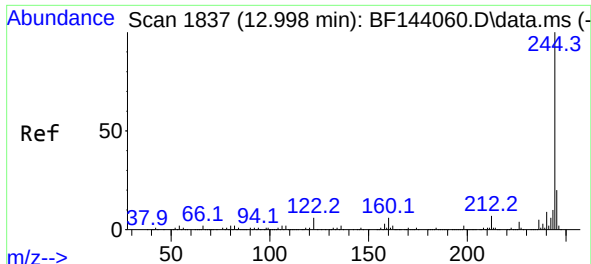
Tgt Ion:188 Resp: 386192
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.0
80 7.8 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

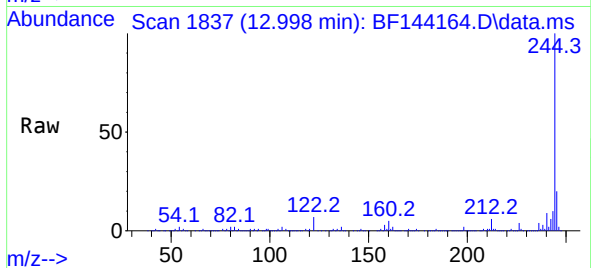
Tgt Ion:240 Resp: 219855
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 26.2 20.1 30.1



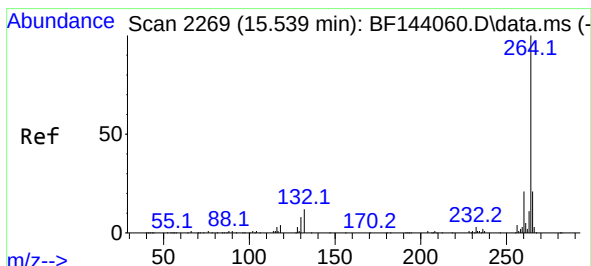
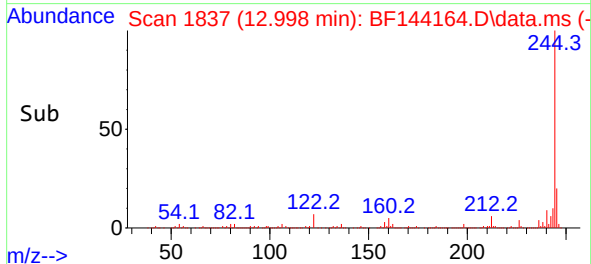
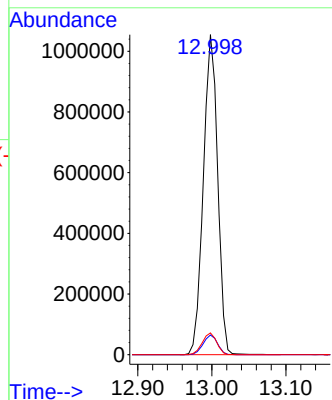


#79
Terphenyl-d14
Concen: 112.541 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144164.D
Acq: 03 Nov 2025 16:50

Instrument :
BNA_F
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Tgt Ion:244 Resp: 1415307
Ion Ratio Lower Upper
244 100
212 6.2 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: BF144164.D
Acq: 03 Nov 2025 16:50

Tgt Ion:264 Resp: 212846
Ion Ratio Lower Upper
264 100
260 22.4 17.0 25.4
265 21.7 16.6 24.8

