

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144212.D
 Acq On : 11 Nov 2025 20:00
 Operator : RC/JU
 Sample : Q3590-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0319

Quant Time: Nov 12 03:45:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

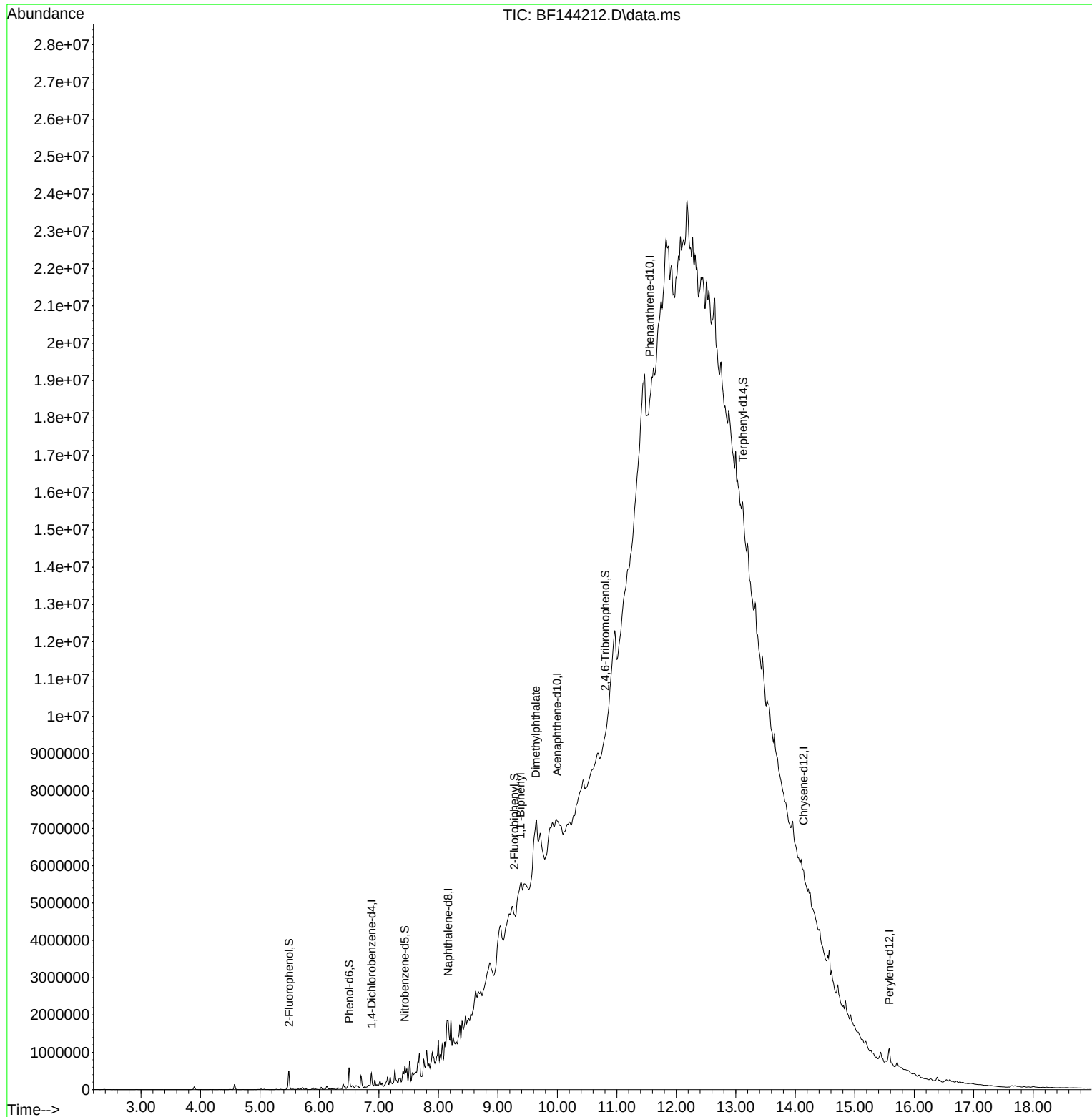
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73865	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	217016	20.000	ng	# 0.00
39) Acenaphthene-d10	9.992	164	83780	20.000	ng	# 0.08
64) Phenanthrene-d10	11.551	188	150033	20.000	ng	# 0.15
76) Chrysene-d12	14.139	240	158323	20.000	ng	# 0.09
86) Perylene-d12	15.580	264	211352	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	208520	44.176	ng	0.00
7) Phenol-d6	6.499	99	239010	44.689	ng	0.00
23) Nitrobenzene-d5	7.434	82	145497	38.721	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	53215	50.616	ng	0.10
45) 2-Fluorobiphenyl	9.275	172	199227	35.121	ng	0.05
79) Terphenyl-d14	13.122	244	248413	24.922	ng	0.13
Target Compounds						
46) 1,1'-Biphenyl	9.381	154	153305	26.215	ng	Qvalue 86
50) Dimethylphthalate	9.639	163	409422	73.766	ng	# 72

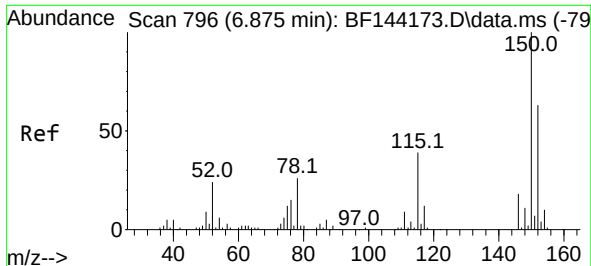
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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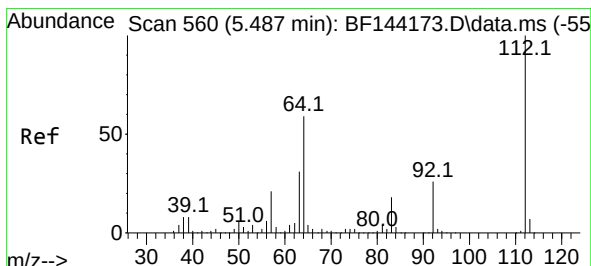
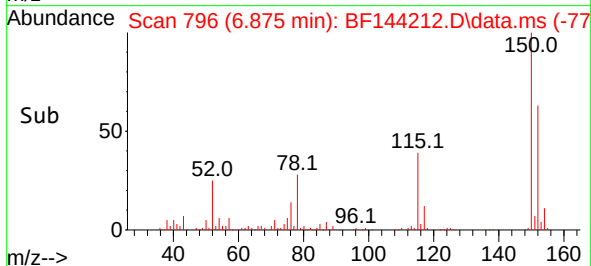
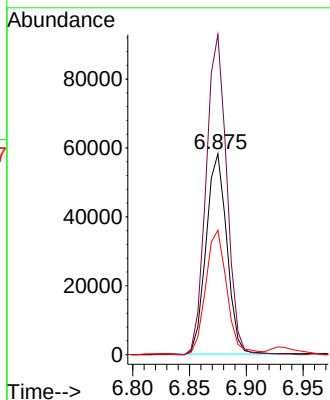
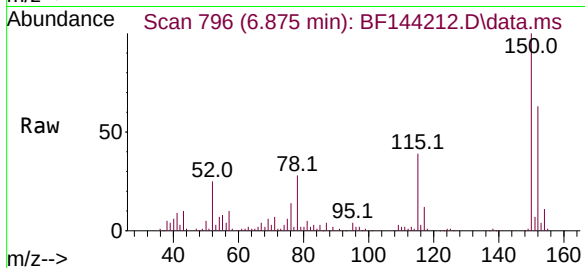




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

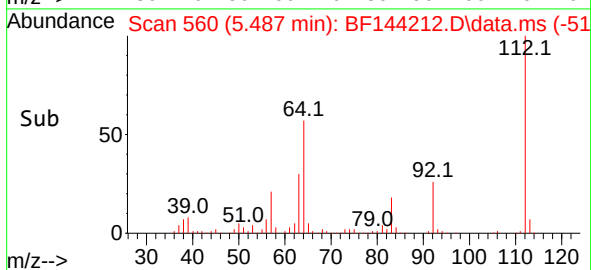
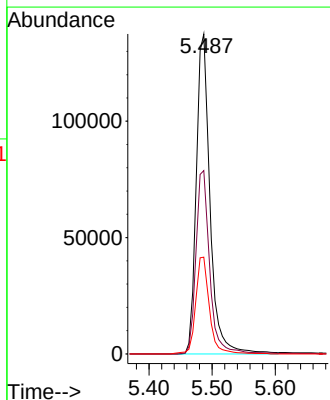
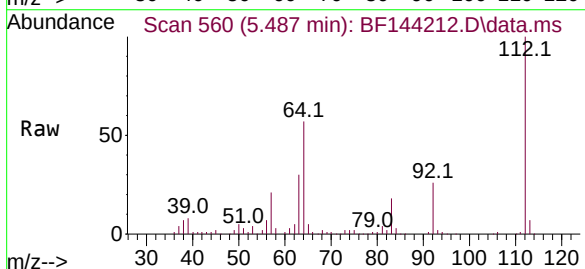
Instrument :
BNA_F
ClientSampleId :
MOO-25-0319

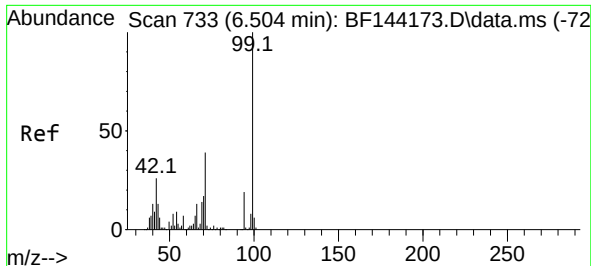
Tgt Ion:152 Resp: 73865
Ion Ratio Lower Upper
152 100
150 159.4 127.4 191.0
115 61.9 49.5 74.3



#5
2-Fluorophenol
Concen: 44.176 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

Tgt Ion:112 Resp: 208520
Ion Ratio Lower Upper
112 100
64 57.3 47.2 70.8
63 30.2 24.4 36.6

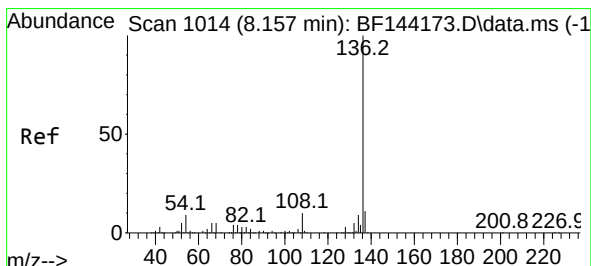
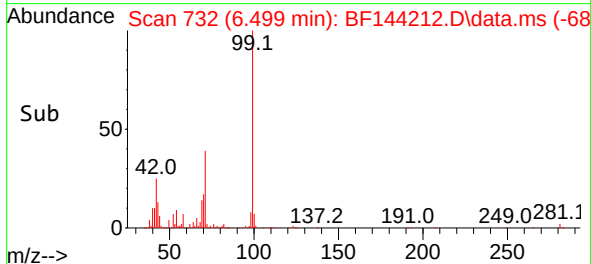
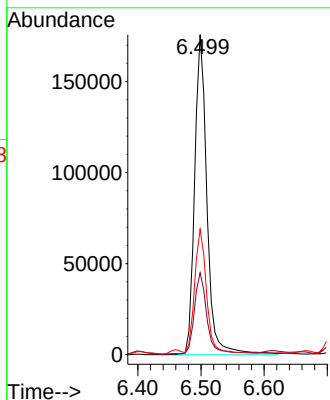
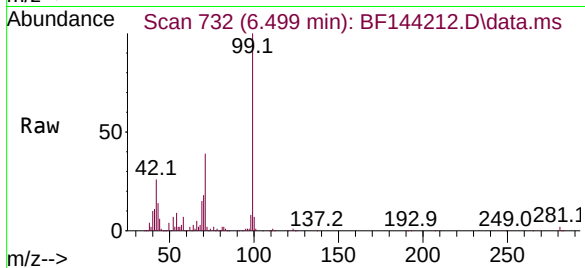




#7
Phenol-d6
Concen: 44.689 ng
RT: 6.499 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

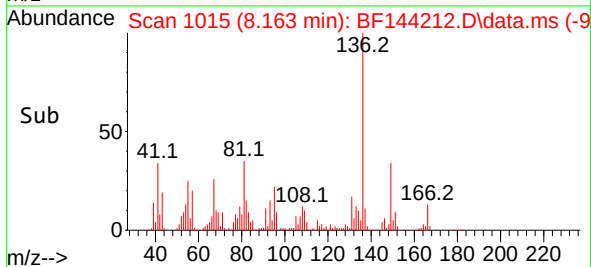
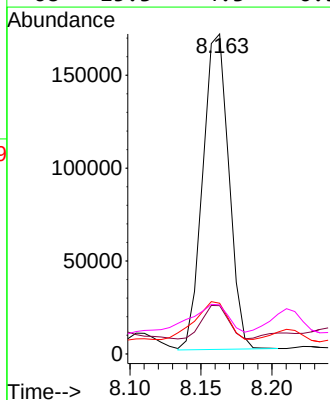
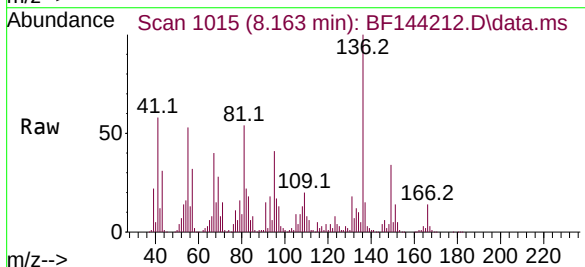
Instrument :
BNA_F
ClientSampleId :
MOO-25-0319

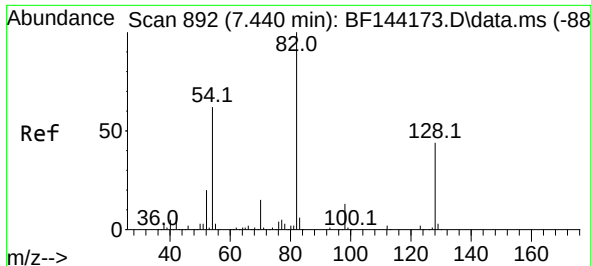
Tgt Ion: 99 Resp: 239010
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 39.2 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

Tgt Ion: 136 Resp: 217016
Ion Ratio Lower Upper
136 100
137 15.1 8.6 13.0#
54 15.8 7.0 10.6#
68 15.3 4.3 6.5#





#23

Nitrobenzene-d5

Concen: 38.721 ng

RT: 7.434 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144212.D

Acq: 11 Nov 2025 20:00

Instrument :

BNA_F

ClientSampleId :

MOO-25-0319

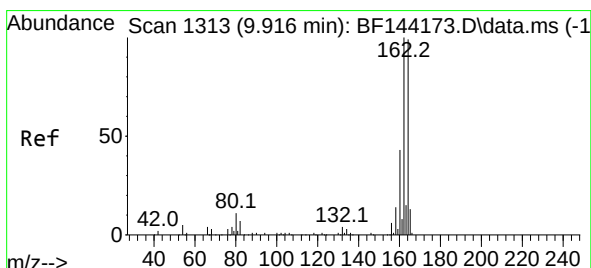
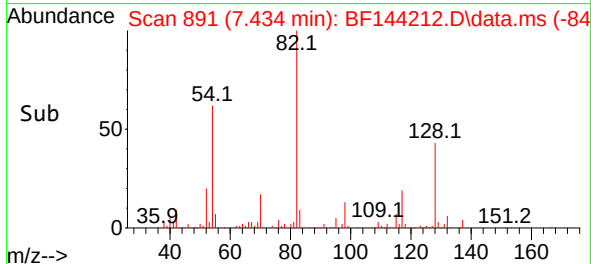
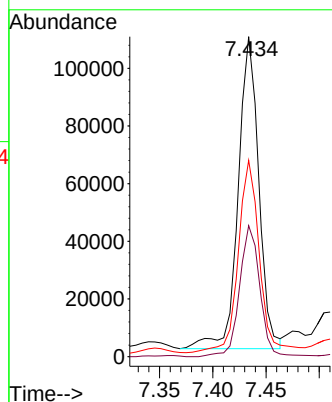
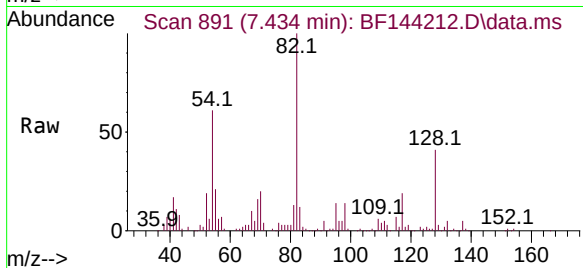
Tgt Ion: 82 Resp: 145497

Ion Ratio Lower Upper

82 100

128 40.9 34.7 52.1

54 61.3 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. 0.076 min

Lab File: BF144212.D

Acq: 11 Nov 2025 20:00

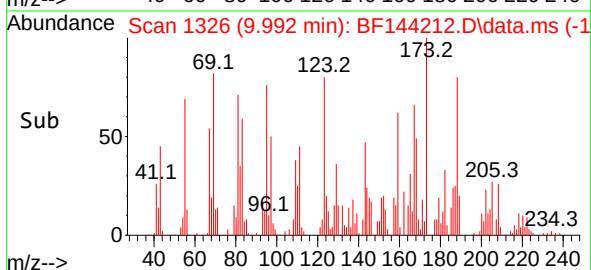
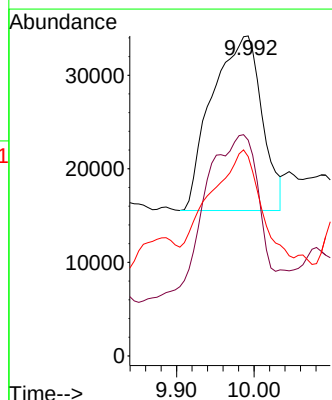
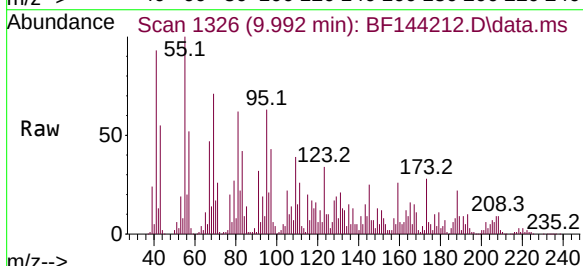
Tgt Ion: 164 Resp: 83780

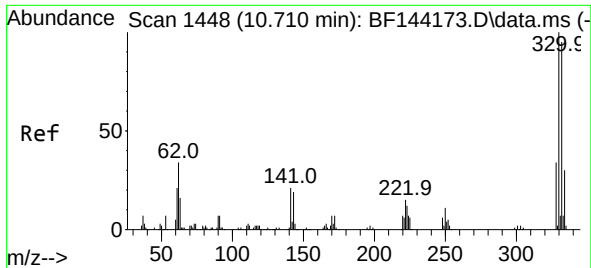
Ion Ratio Lower Upper

164 100

162 67.4 81.1 121.7#

160 62.3 34.5 51.7#

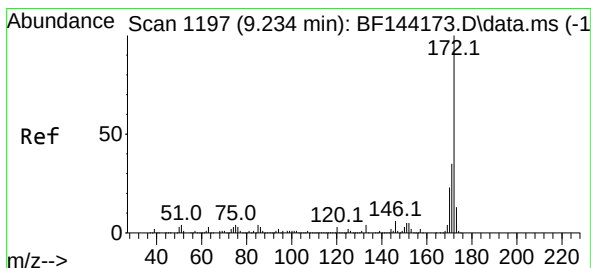
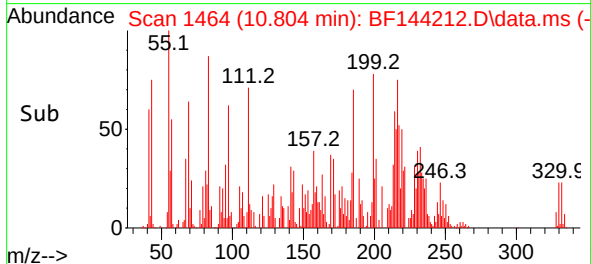
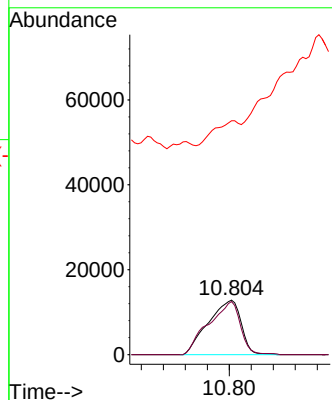
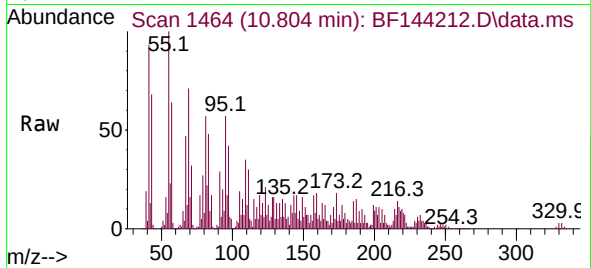




#42
 2,4,6-Tribromophenol
 Concen: 50.616 ng
 RT: 10.804 min Scan# 1448
 Delta R.T. 0.100 min
 Lab File: BF144212.D
 Acq: 11 Nov 2025 20:00

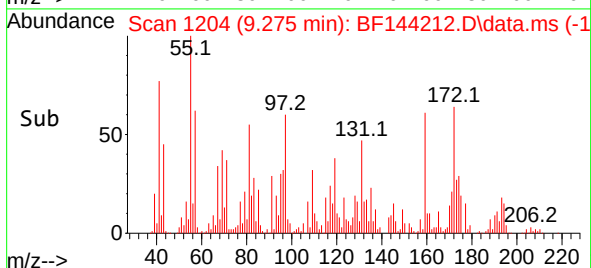
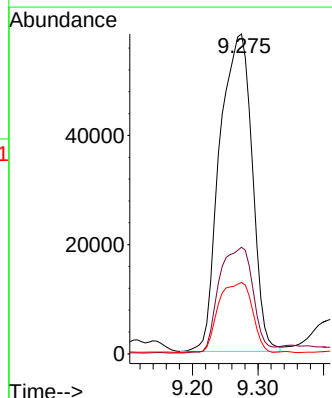
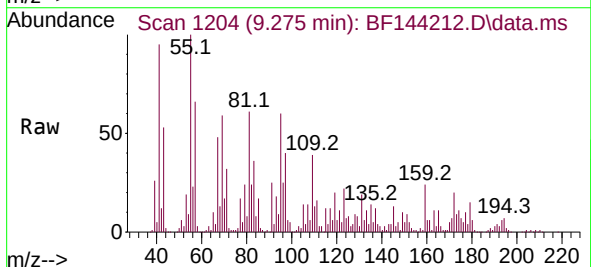
Instrument :
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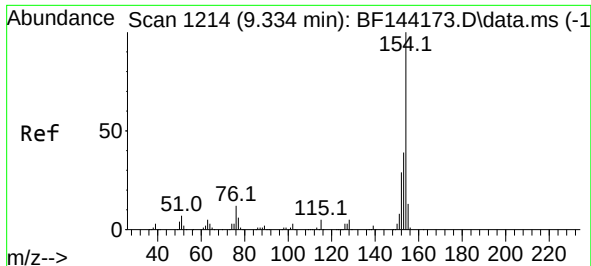
Tgt Ion:330 Resp: 53215
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.7 115.1
 141 33.9 17.8 26.8#



#45
 2-Fluorobiphenyl
 Concen: 35.121 ng
 RT: 9.275 min Scan# 1204
 Delta R.T. 0.047 min
 Lab File: BF144212.D
 Acq: 11 Nov 2025 20:00

Tgt Ion:172 Resp: 199227
 Ion Ratio Lower Upper
 172 100
 171 33.3 28.1 42.1
 170 22.3 18.6 28.0

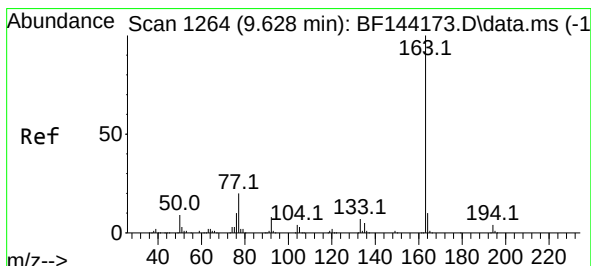
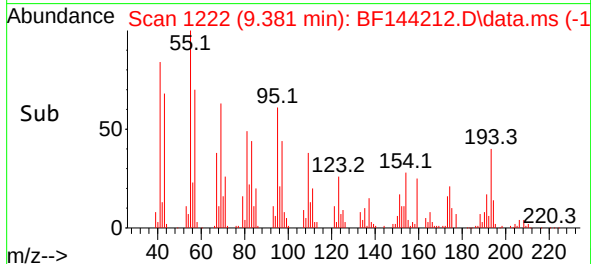
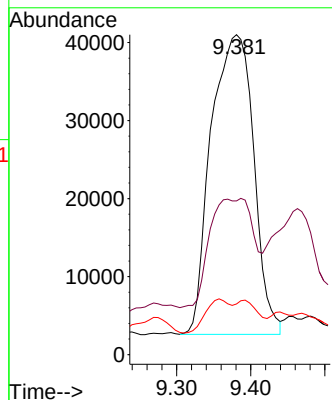
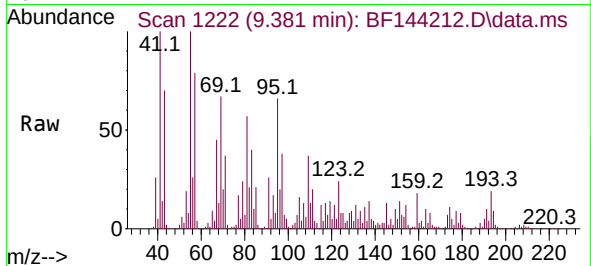




#46
1,1'-Biphenyl
Concen: 26.215 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

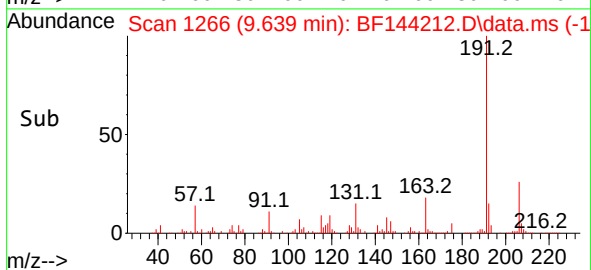
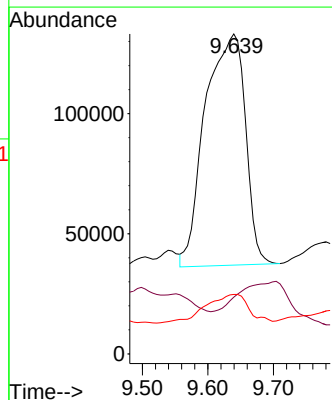
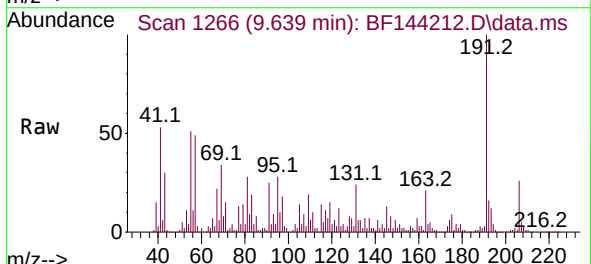
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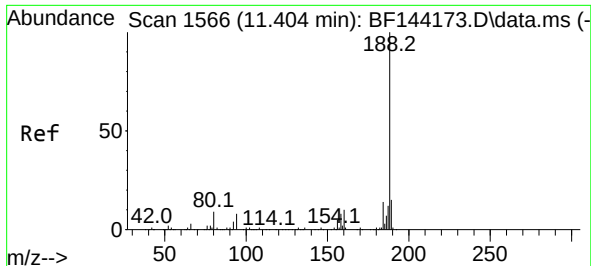
Tgt Ion:154 Resp: 153305
Ion Ratio Lower Upper
154 100
153 48.0 19.2 59.2
76 15.8 0.0 31.8



#50
Dimethylphthalate
Concen: 73.766 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.012 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

Tgt Ion:163 Resp: 409422
Ion Ratio Lower Upper
163 100
194 17.7 3.3 4.9#
164 18.6 8.1 12.1#

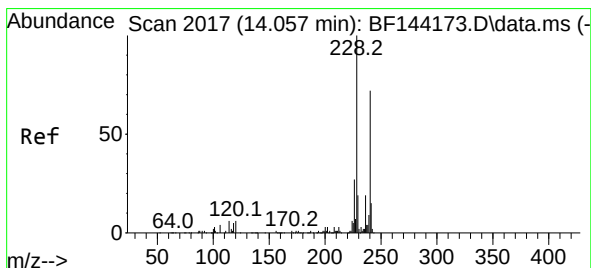
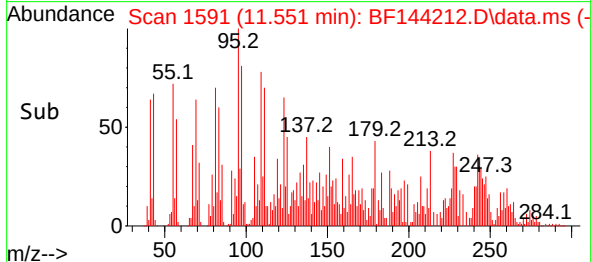
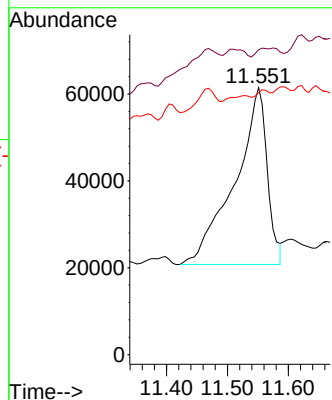
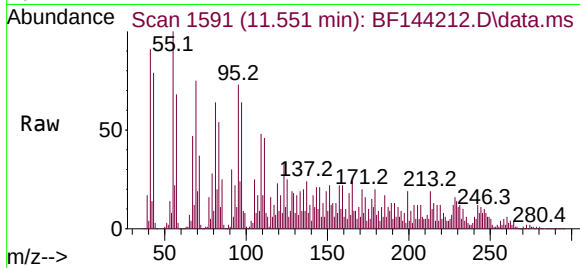




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.551 min Scan# 11
Delta R.T. 0.147 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

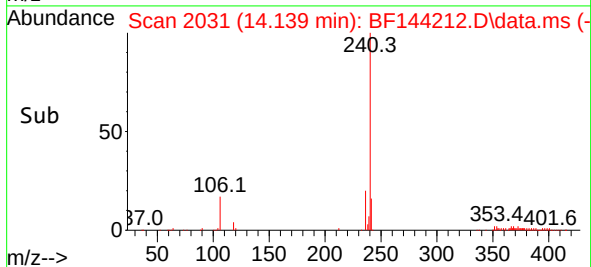
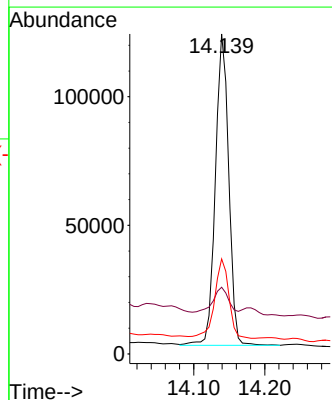
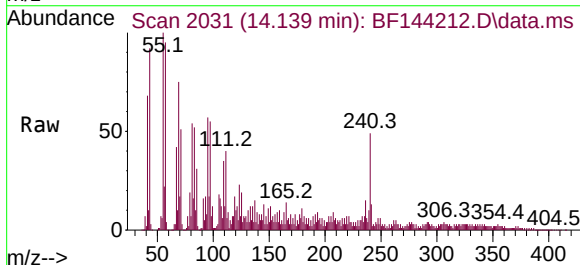
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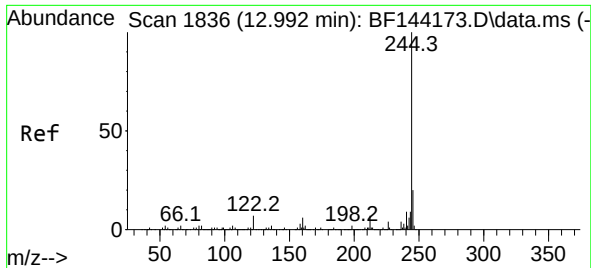
Tgt Ion:188 Resp: 150033
Ion Ratio Lower Upper
188 100
94 114.2 6.2 9.2#
80 98.1 6.9 10.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2031
Delta R.T. 0.088 min
Lab File: BF144212.D
Acq: 11 Nov 2025 20:00

Tgt Ion:240 Resp: 158323
Ion Ratio Lower Upper
240 100
120 20.8 6.6 10.0#
236 29.7 21.4 32.2

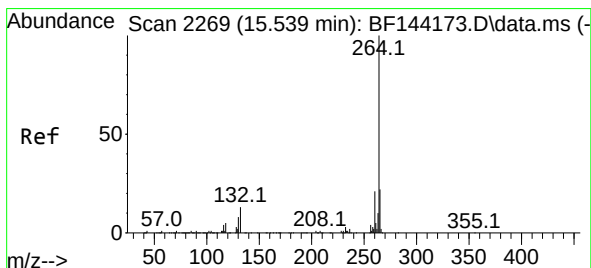
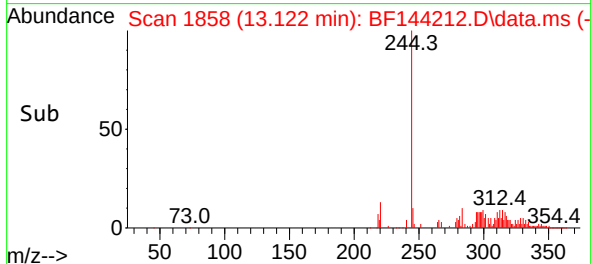
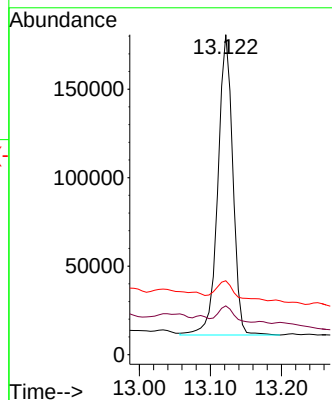
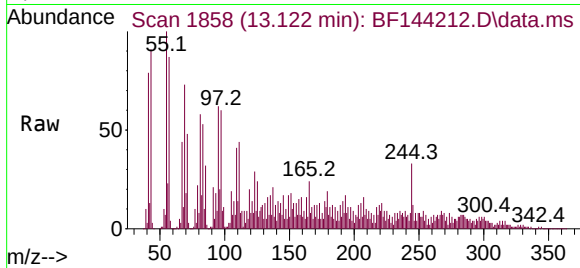




#79
 Terphenyl-d14
 Concen: 24.922 ng
 RT: 13.122 min Scan# 1836
 Delta R.T. 0.129 min
 Lab File: BF144212.D
 Acq: 11 Nov 2025 20:00

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0319

Tgt Ion:244 Resp: 248413
 Ion Ratio Lower Upper
 244 100
 212 15.2 5.3 7.9#
 122 23.1 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2276
 Delta R.T. 0.041 min
 Lab File: BF144212.D
 Acq: 11 Nov 2025 20:00

Tgt Ion:264 Resp: 211352
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.1 25.7
 265 22.1 17.4 26.0

